

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090722.D
 Acq On : 21 Oct 2016 20:52
 Operator : UM/SJ
 Sample : PB94239BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Manual Integrations
 APPROVED

sohil
 10/24/2016 3:52:13 PM

Quant Time: Oct 24 11:01:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	279283	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1219577	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	611412	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	937556	20.00	ng	0.00
75) Chrysene-d12	14.02	240	682267	20.00	ng	0.00
86) Perylene-d12	15.46	264	448676	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1607971	92.85	ng	0.02
7) Phenol-d6	6.50	99	2219701	94.63	ng	0.00
23) Nitrobenzene-d5	7.42	82	1497544	67.35	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	571039	118.00	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2601326	66.05	ng	-0.01
78) Terphenyl-d14	12.97	244	2163426	72.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	259504	25.90	ng	# 79
3) Pyridine	3.34	79	645115	27.47	ng	# 74
4) n-Nitrosodimethylamine	3.31	42	235075	29.26	ng	# 64
6) Aniline	6.52	93	648962	24.40	ng	# 52
8) 2-Chlorophenol	6.65	128	721932	34.73	ng	94
9) Benzaldehyde	6.41	77	133904	10.44	ng	# 77
10) Phenol	6.51	94	756326	28.68	ng	# 56
11) bis(2-Chloroethyl)ether	6.60	93	766889	34.62	ng	89
12) 1,3-Dichlorobenzene	6.79	146	704794	33.75	ng	# 91
13) 1,4-Dichlorobenzene	6.87	146	746840	33.72	ng	# 93
14) 1,2-Dichlorobenzene	7.02	146	711592m	32.82	ng	
15) Benzyl Alcohol	7.00	79	577650	36.26	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1040606	31.36	ng	75
17) 2-Methylphenol	7.11	107	576294	36.79	ng	# 81
18) Hexachloroethane	7.37	117	297928	33.14	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	554874	31.76	ng	# 71
20) 3+4-Methylphenols	7.27	107	705299	37.99	ng	# 68
22) Acetophenone	7.27	105	983786	36.20	ng	# 80
24) Nitrobenzene	7.45	77	817179	33.90	ng	# 73
25) Isophorone	7.69	82	1549655	36.82	ng	# 89
26) 2-Nitrophenol	7.75	139	362222	36.78	ng	# 46
27) 2,4-Dimethylphenol	7.80	122	627957	35.96	ng	# 79
28) bis(2-Chloroethoxy)methane	7.89	93	879980	38.21	ng	# 93
29) 2,4-Dichlorophenol	8.01	162	567353	39.59	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	626982	37.18	ng	96
31) Naphthalene	8.17	128	2159589	36.20	ng	97
32) Benzoic acid	7.94	122	340637	30.87	ng	# 60
33) 4-Chloroaniline	8.21	127	405090	18.31	ng	# 85
34) Hexachlorobutadiene	8.28	225	327284	34.51	ng	98
35) Caprolactam	8.59	113	173764m	42.45	ng	
36) 4-Chloro-3-methylphenol	8.70	107	604153	36.25	ng	# 79
37) 2-Methylnaphthalene	8.85	142	1296668	37.19	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	589445	35.70	ng	97
40) Hexachlorocyclopentadiene	9.01	237	705241	90.99	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	406370	39.69	nq	100
43) 2,4,5-Trichlorophenol	9.18	196	392959	37.82	nq	# 95
45) 1,1'-Biphenyl	9.32	154	1571629	32.73	nq	91
46) 2-Chloronaphthalene	9.34	162	1231233	34.50	nq	# 88
47) 2-Nitroaniline	9.45	65	437710	36.95	nq	# 80
48) Acenaphthylene	9.77	152	1946005	35.74	nq	96
49) Dimethylphthalate	9.63	163	1484446	38.64	nq	# 98
50) 2,6-Dinitrotoluene	9.69	165	306003	37.04	nq	# 54
51) Acenaphthene	9.94	154	1415711	39.16	nq	88
52) 3-Nitroaniline	9.86	138	197891	20.84	nq	# 65
53) 2,4-Dinitrophenol	9.96	184	268825m	63.51	nq	
54) Dibenzofuran	10.11	168	1782778	40.71	nq	# 87
55) 4-Nitrophenol	10.03	139	471694	80.78	nq	# 54
56) 2,4-Dinitrotoluene	10.10	165	412825	40.88	nq	# 94
57) Fluorene	10.45	166	1402090	38.63	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	328432	40.28	nq	93
59) Diethylphthalate	10.33	149	1473982	36.99	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	674378	40.66	nq	90
61) 4-Nitroaniline	10.47	138	326154	33.91	nq	# 46
62) Azobenzene	10.60	77	1733709	37.16	nq	86
64) 4,6-Dinitro-2-methylphenol	10.50	198	191005	33.32	nq	78
65) n-Nitrosodiphenylamine	10.57	169	1193649	39.74	nq	90
66) 4-Bromophenyl-phenylether	10.93	248	393697	43.32	nq	94
67) Hexachlorobenzene	11.00	284	434609	40.52	nq	# 79
68) Atrazine	11.09	200	374426	45.16	nq	85
69) Pentachlorophenol	11.20	266	493334	74.76	nq	98
70) Phenanthrene	11.41	178	1916683m	40.11	nq	
71) Anthracene	11.46	178	1815306	34.25	nq	95
72) Carbazole	11.62	167	1738887	39.24	nq	# 93
73) Di-n-butylphthalate	11.95	149	2236265	38.91	nq	# 96
74) Fluoranthene	12.59	202	1675515	36.24	nq	97
76) Benzidine	12.72	184	518884	34.25	nq	# 96
77) Pyrene	12.82	202	1755836	36.85	nq	95
79) Butylbenzylphthalate	13.45	149	944747	43.13	nq	93
80) Benzo(a)anthracene	14.01	228	1413956	37.87	nq	95
81) 3,3'-Dichlorobenzidine	13.97	252	298321	23.06	nq	98
82) Chrysene	14.05	228	1514275m	41.55	nq	
83) Bis(2-ethylhexyl)phthalate	14.01	149	1235391	39.42	nq	# 96
84) Di-n-octyl phthalate	14.61	149	1761876	37.04	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.86	276	943377	29.67	nq	# 95
87) Benzo(b)fluoranthene	15.05	252	1142373	41.41	nq	# 88
88) Benzo(k)fluoranthene	15.07	252	1021689m	36.85	nq	
89) Benzo(a)pyrene	15.40	252	960266	37.10	nq	# 87
90) Dibenzo(a,h)anthracene	16.88	278	808808	32.54	nq	# 87
91) Benzo(g,h,i)perylene	17.29	276	789469	32.75	nq	# 82

(#) = qualifier out of range (m) = manual integration (+) = signals summed

```

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Misc        :
ALS Vial    : 66      Sample Multiplier: 1

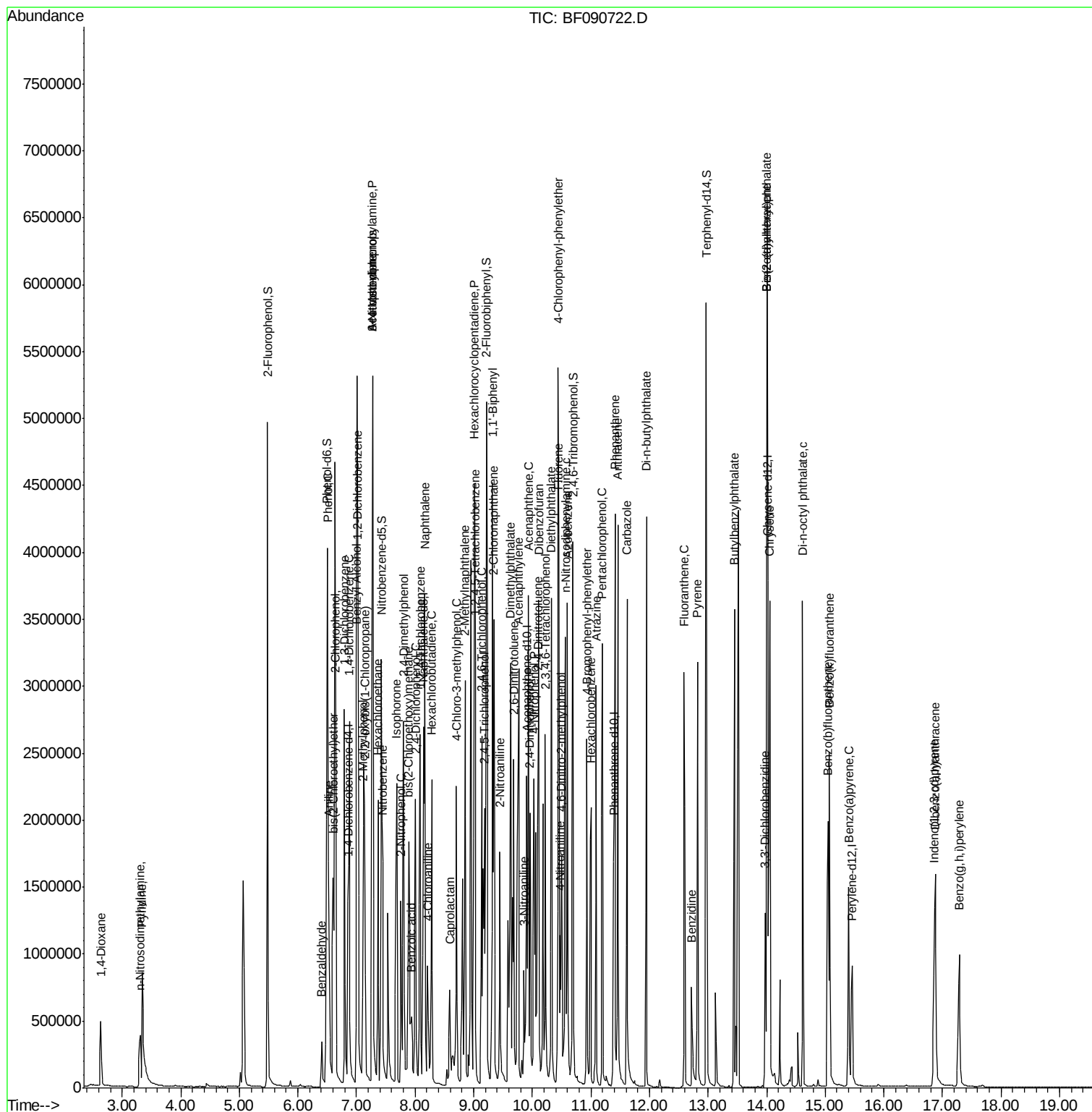
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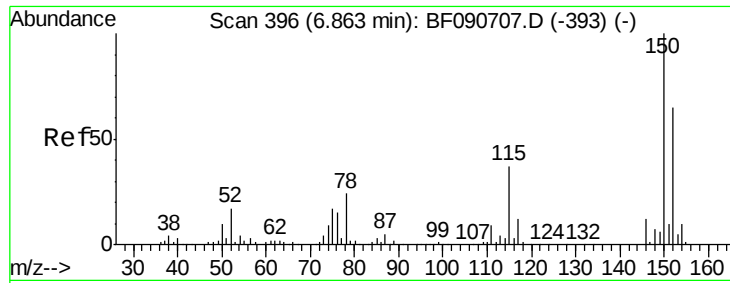
Instrument :
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#1

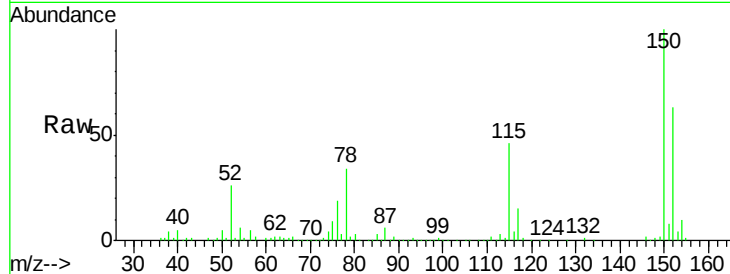
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

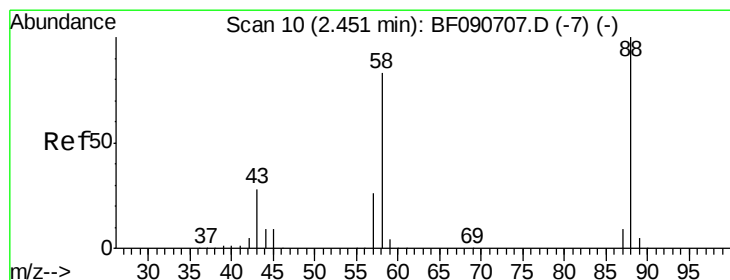
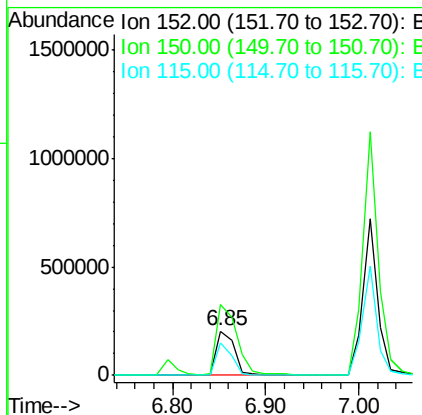
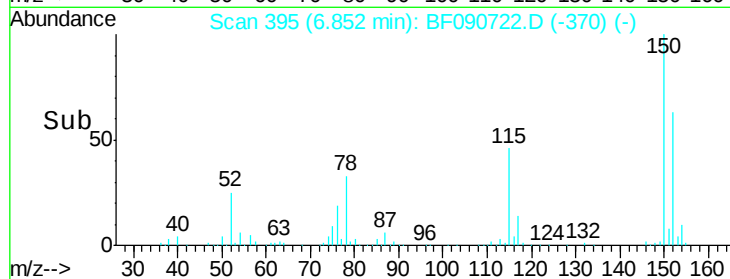
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.7	187.1
115	72.4	39.0	58.4

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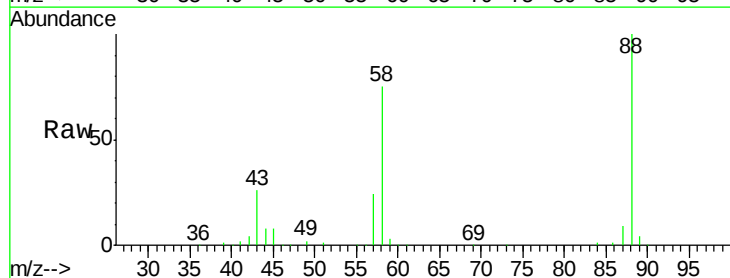
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



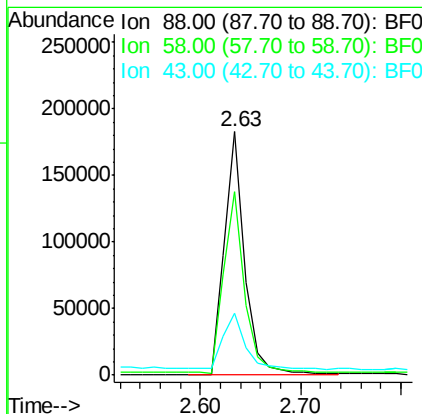
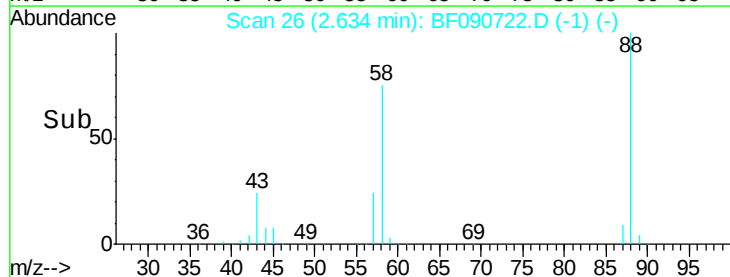
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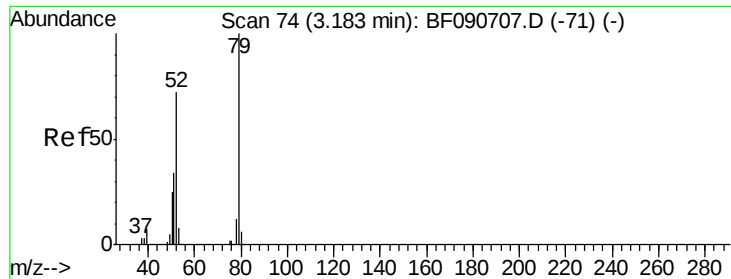
1,4-Dioxane
Concen: 25.90 ng
RT: 2.63 min Scan# 26
Delta R.T. 0.15 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.1	77.7	116.5
43	24.4	26.6	40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.47 ng

RT: 3.34 min Scan# 88

Delta R.T. 0.14 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

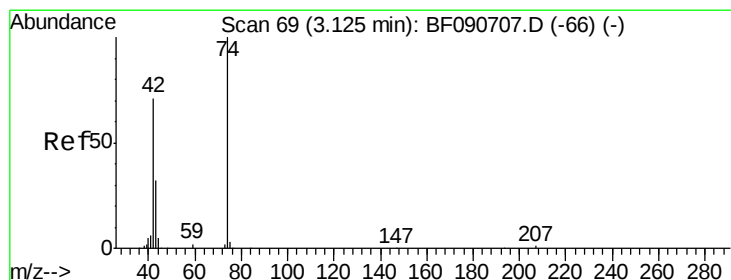
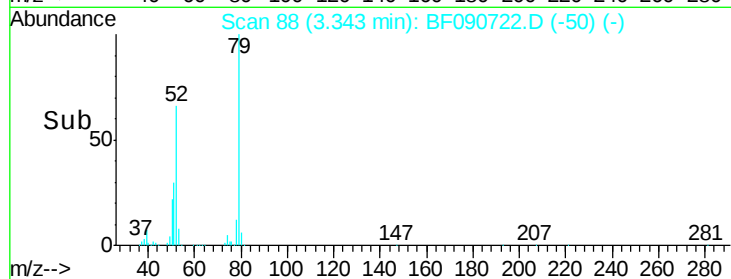
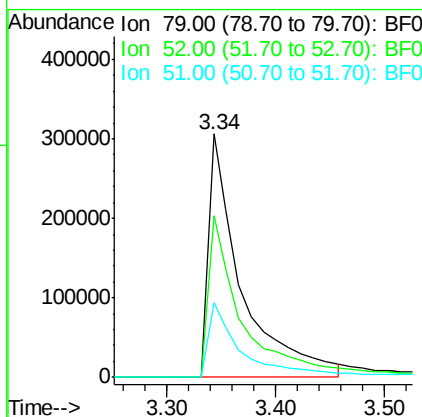
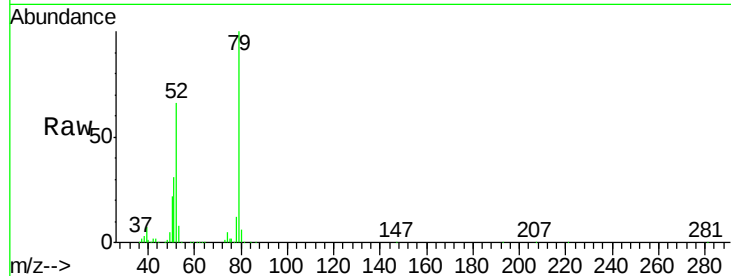
ClientSampleId :

PB94239BS

Tot Ion:	79	Resp:	645115
Ion Ratio		Lower	Upper
79	100		
52	66.5	76.8	115.2#
51	30.6	32.2	48.4#

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#4

n-Nitrosodimethylamine

Concen: 29.26 ng

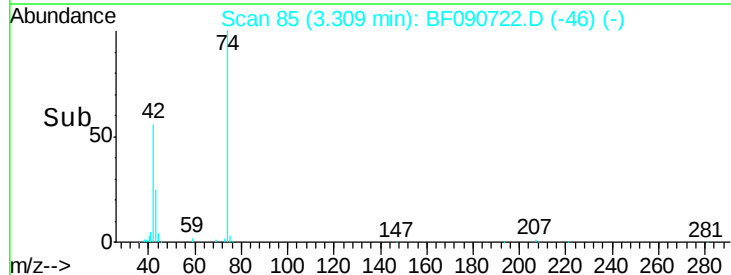
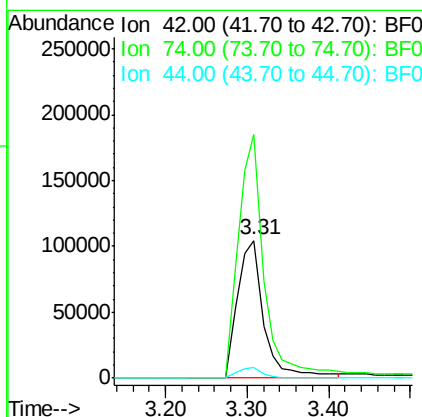
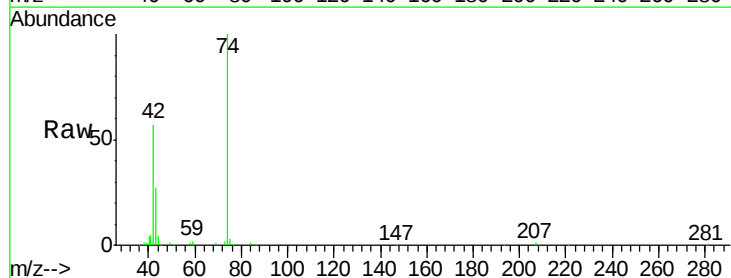
RT: 3.31 min Scan# 85

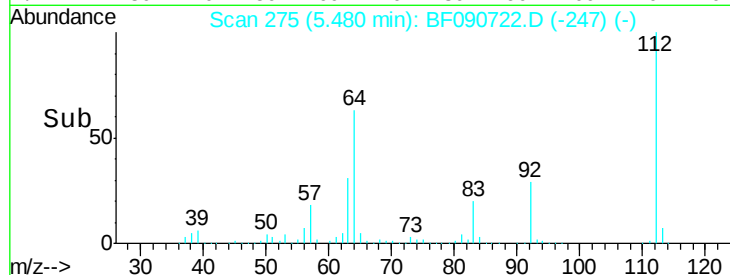
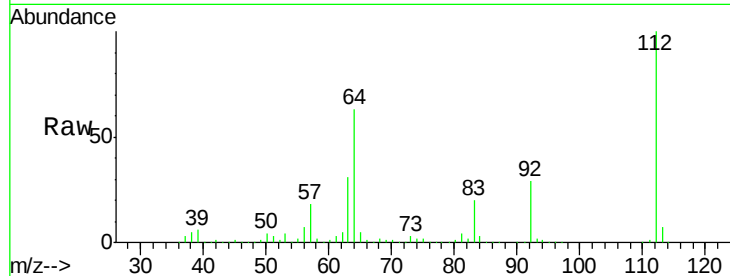
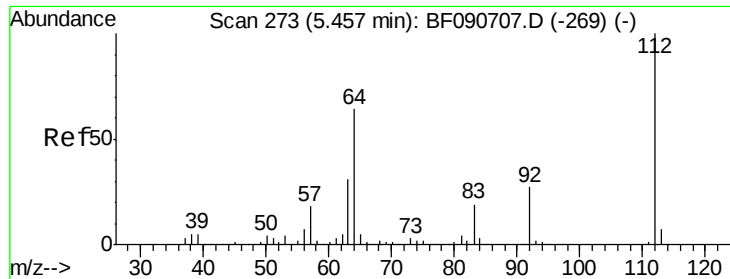
Delta R.T. 0.15 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Tgt Ion:	42	Resp:	235075
Ion Ratio		Lower	Upper
42	100		
74	176.6	105.0	157.6#
44	7.8	6.6	10.0





#5

2-Fluorophenol

Concen: 92.85 ng

RT: 5.48 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

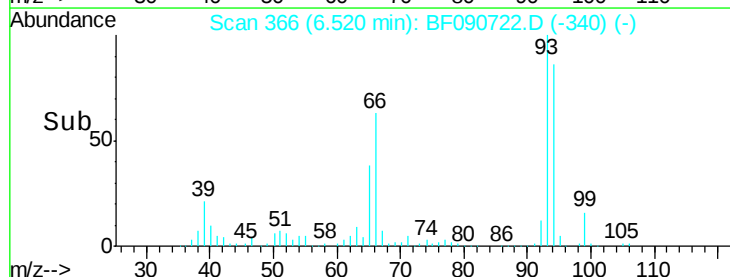
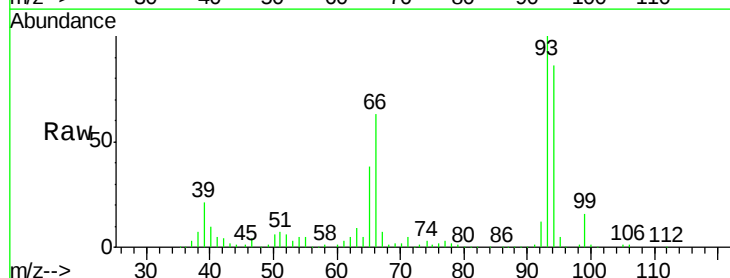
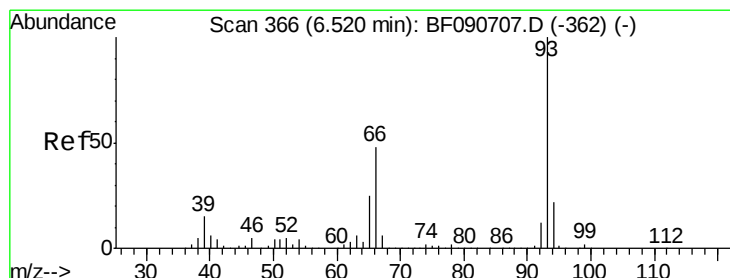
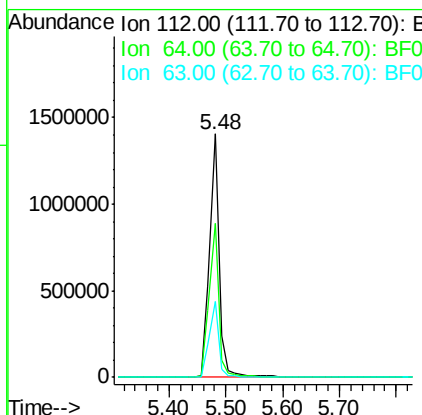
ClientSampleId :

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Tot Ion:	112	Resp:	1607971
Ion Ratio	Lower	Upper	
112	100		
64	63.1	39.7	59.5#
63	31.3	17.4	26.0#

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#6

Aniline

Concen: 24.40 ng

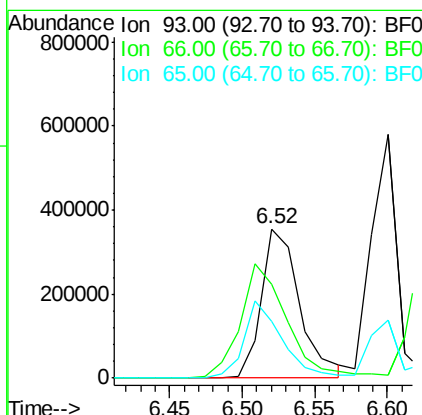
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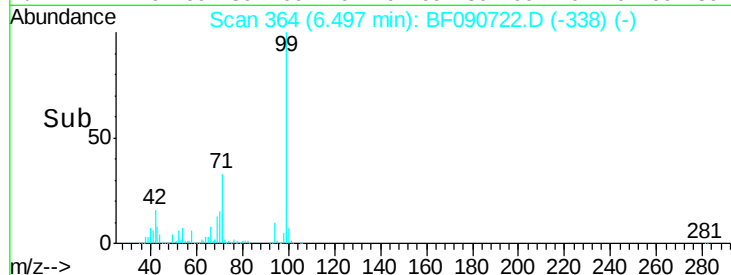
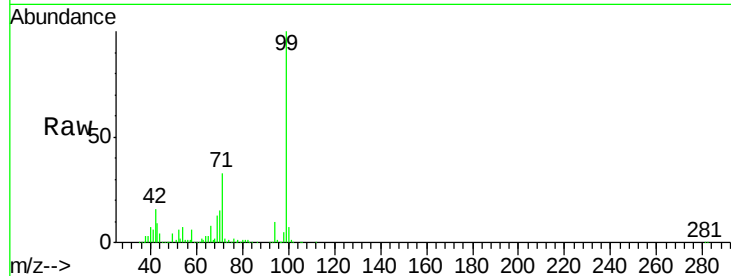
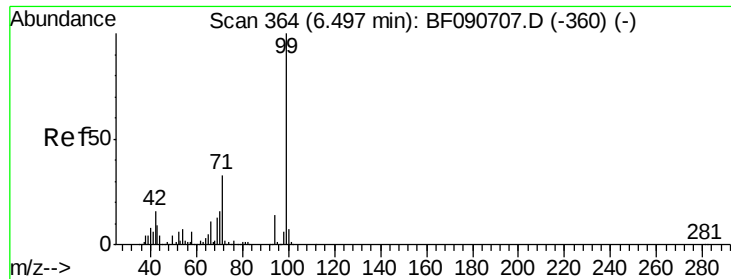
Delta R.T. 0.00 min

Lab File: BF090722.D

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Tgt Ion:	93	Resp:	648962
Ion Ratio	Lower	Upper	
93	100		
66	63.1	27.2	40.8#
65	37.8	14.7	22.1#





#7

Phenol-d6

Concen: 94.63 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Tot Ion:	99	Resp:	2219701
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.7	20.5
71	33.0	14.2	21.2#

Instrument :

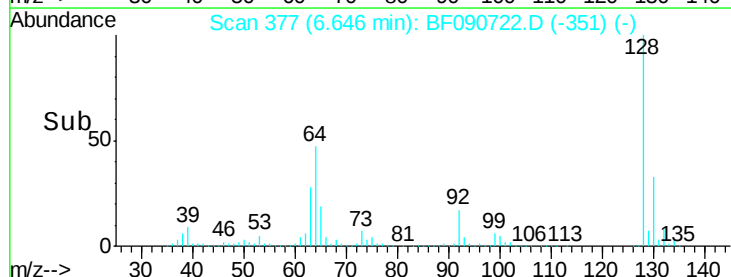
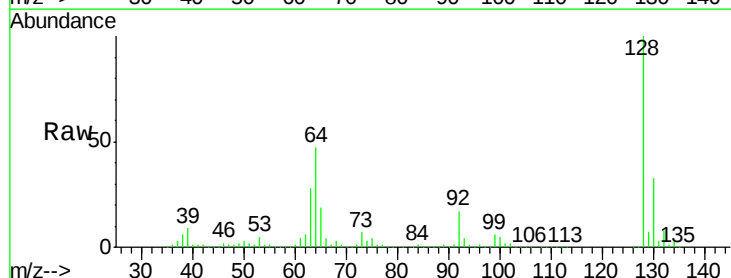
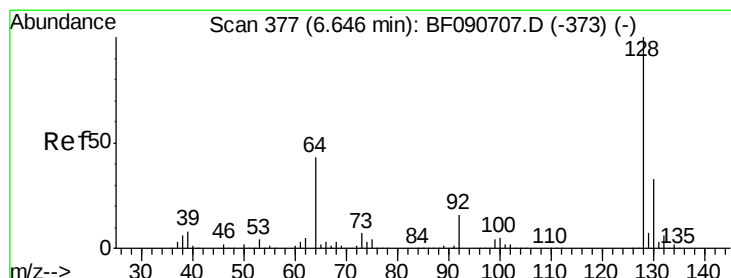
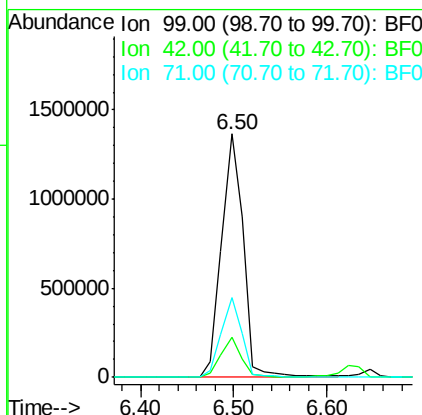
BNA_F

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#8

2-Chlorophenol

Concen: 34.73 ng

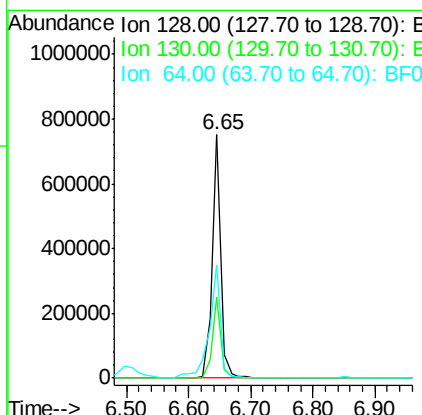
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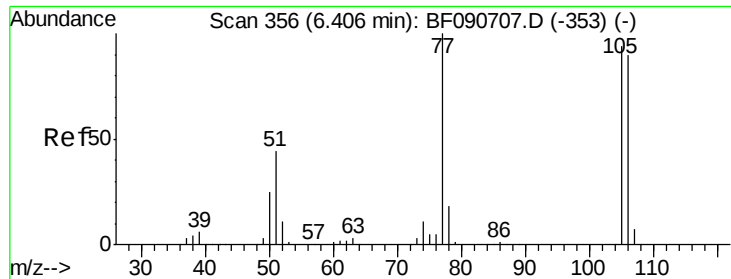
Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Tgt Ion:	128	Resp:	721932
Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.2	52.2
64	46.7	20.5	60.5





#9

Benzaldehyde

Concen: 10.44 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

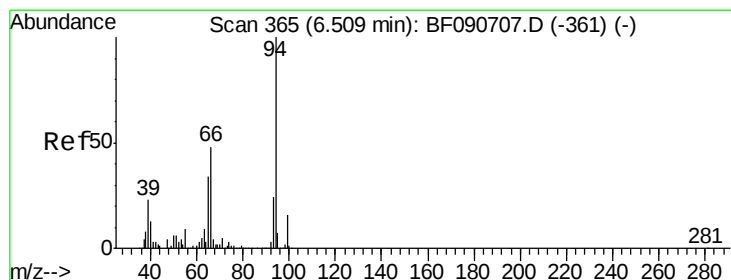
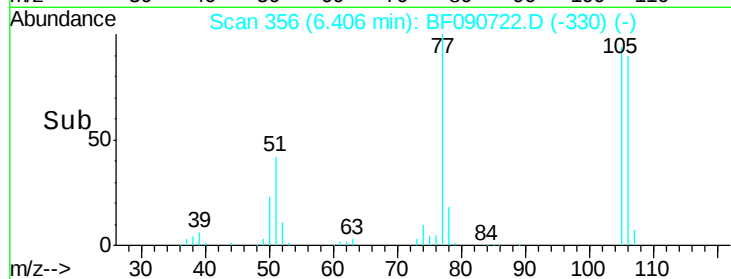
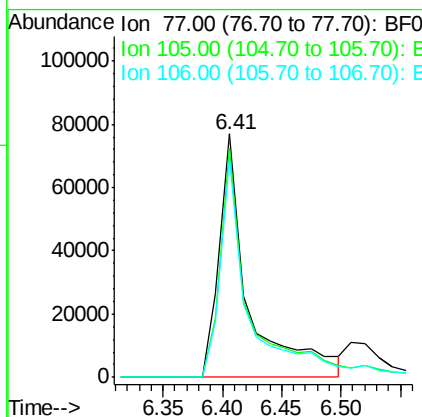
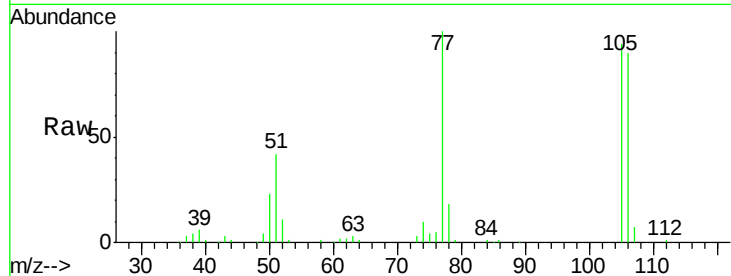
ClientSampleId :

PB94239BS

Tot Ion:	77	Resp:	133904
Ion Ratio	Lower	Upper	
77	100		
105	94.3	91.6	131.6
106	90.3	102.6	142.6#

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#10

Phenol

Concen: 28.68 ng

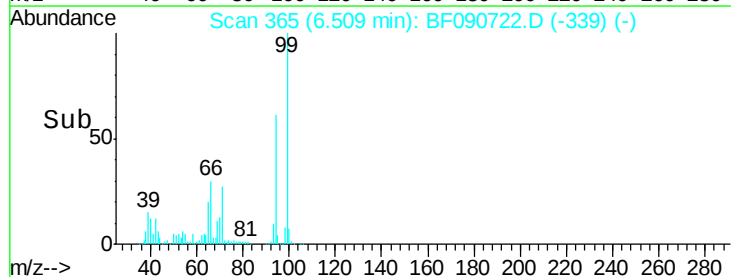
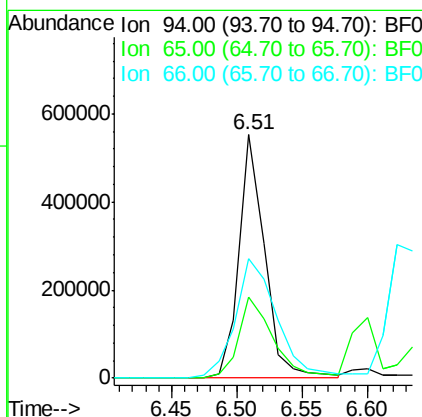
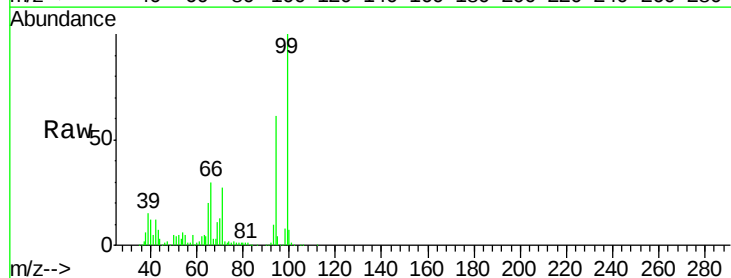
RT: 6.51 min Scan# 365

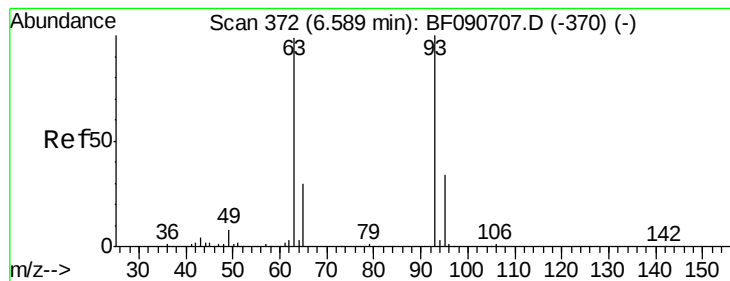
Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Tgt Ion:	94	Resp:	756326
Ion Ratio	Lower	Upper	
94	100		
65	33.4	0.7	40.7
66	49.2	0.8	40.8#





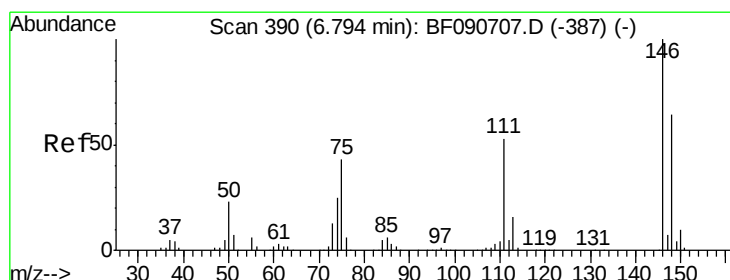
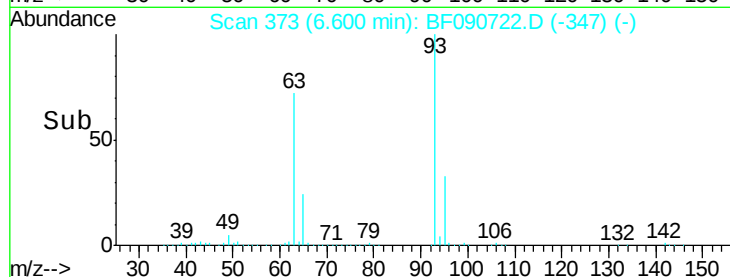
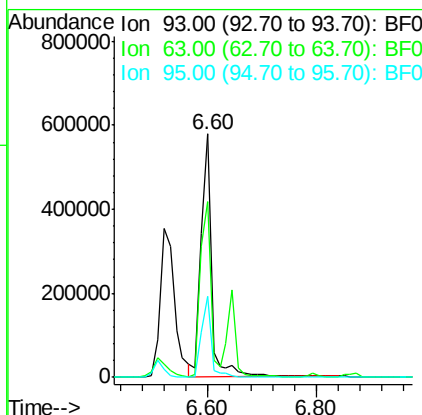
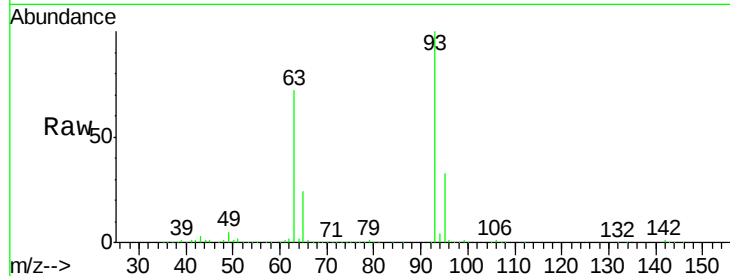
#11
bis(2-Chloroethyl)ether
Concen: 34.62 ng
RT: 6.60 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.9	65.6	105.6
95	33.4	13.6	53.6

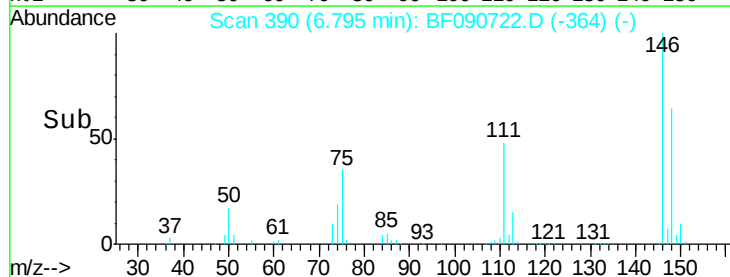
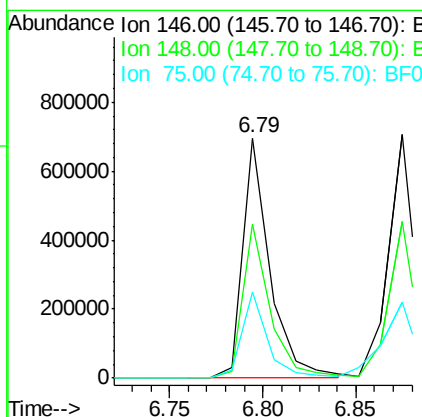
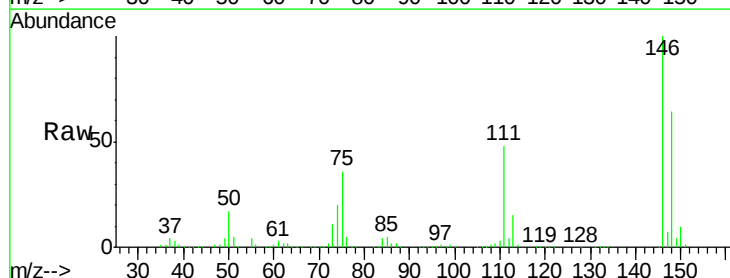
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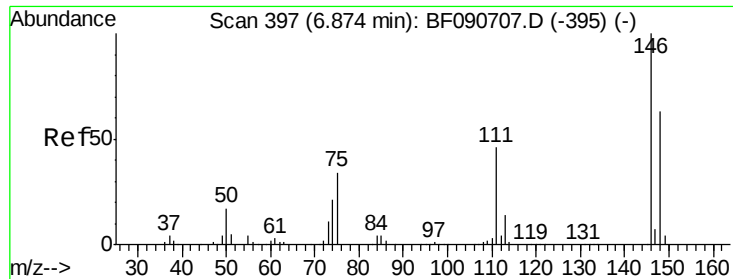
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#12
1,3-Dichlorobenzene
Concen: 33.75 ng
RT: 6.79 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.4
75	35.8	15.0	22.6





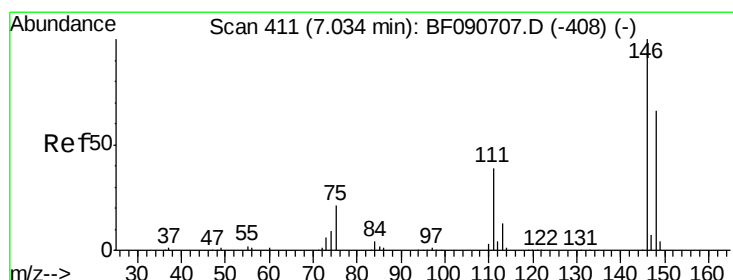
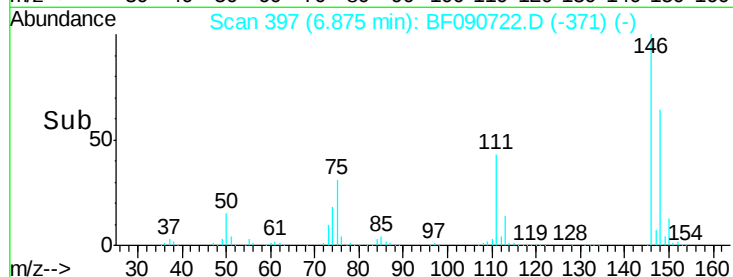
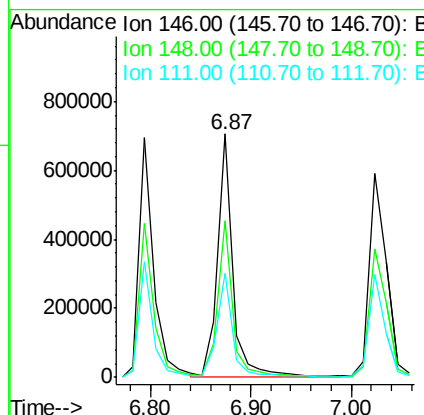
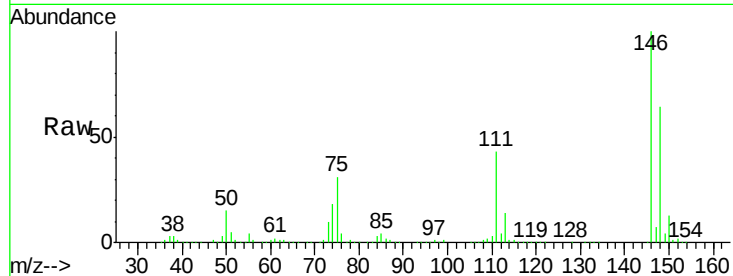
#13
1,4-Dichlorobenzene
Concen: 33.72 ng
RT: 6.87 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	43.0	24.9	37.3

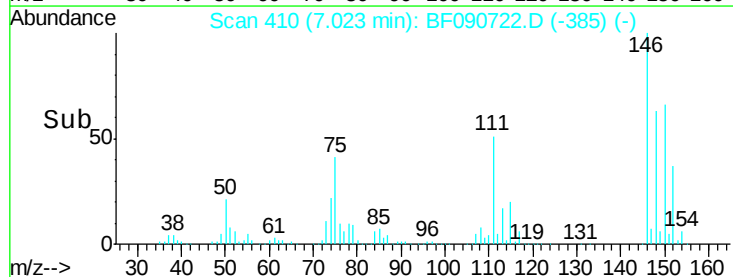
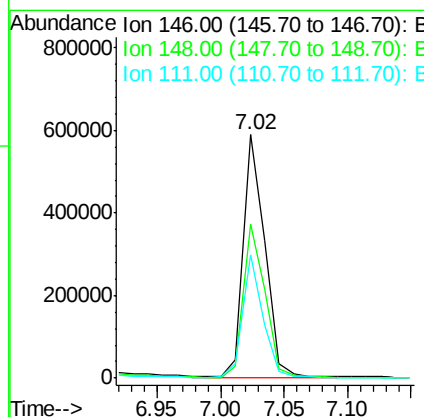
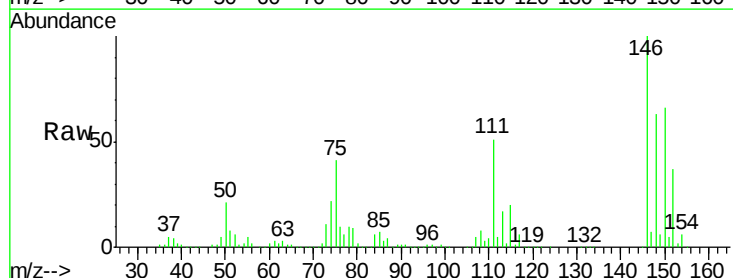
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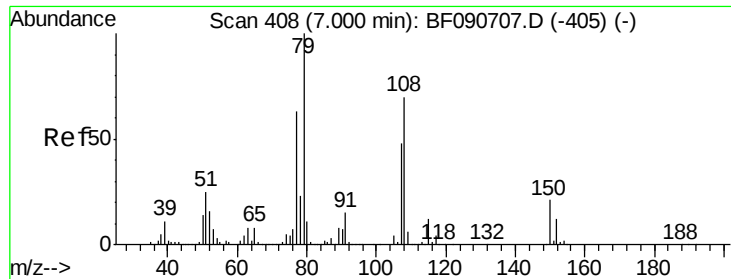
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#14
1,2-Dichlorobenzene
Concen: 32.82 ng m
RT: 7.02 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.7	79.1
111	50.6	28.8	43.2





#15

Benzyl Alcohol

Concen: 36.26 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

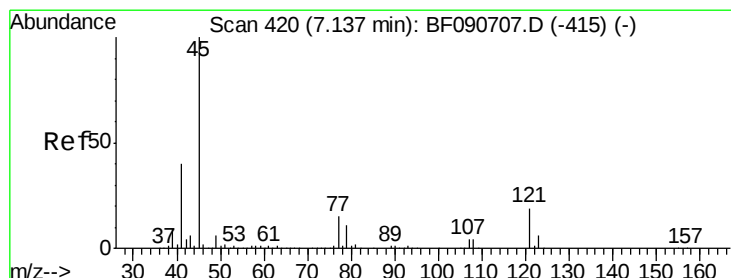
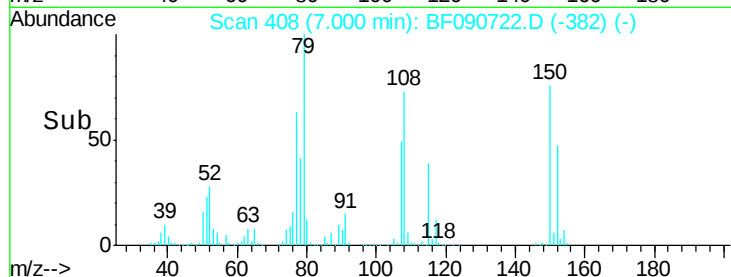
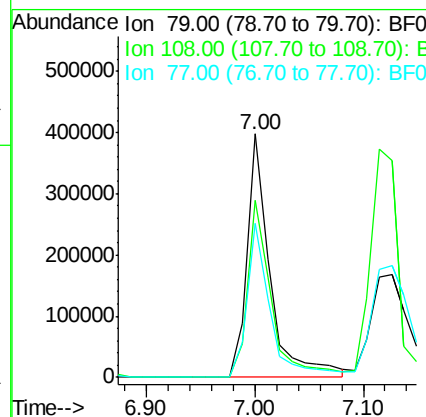
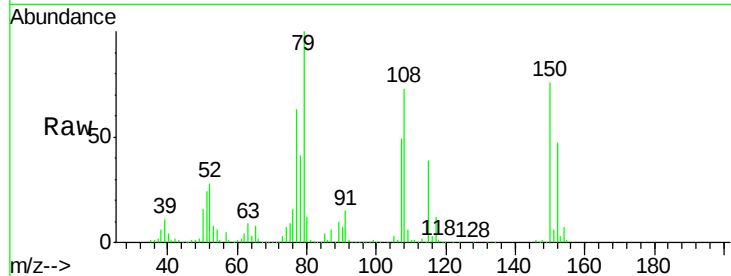
ClientSampled :

PB94239BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		577650		
108	72.9	88.6	132.8#		
77	63.3	47.0	70.4		

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.36 ng

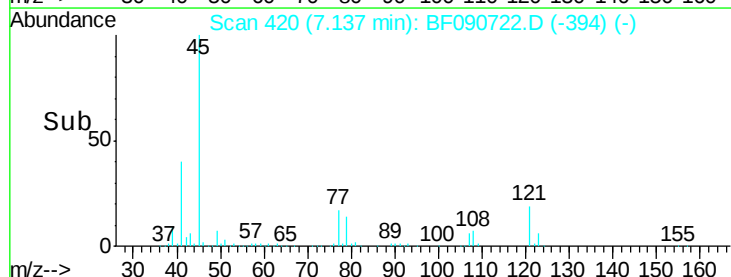
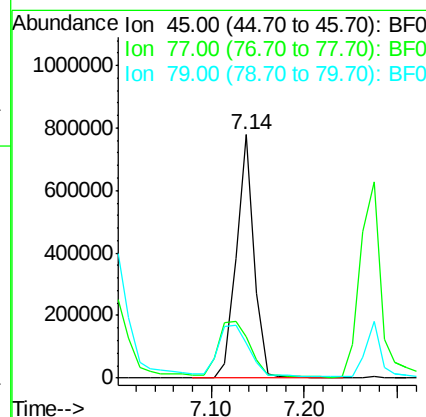
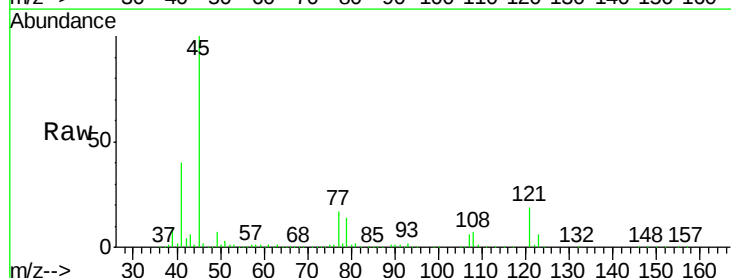
RT: 7.14 min Scan# 420

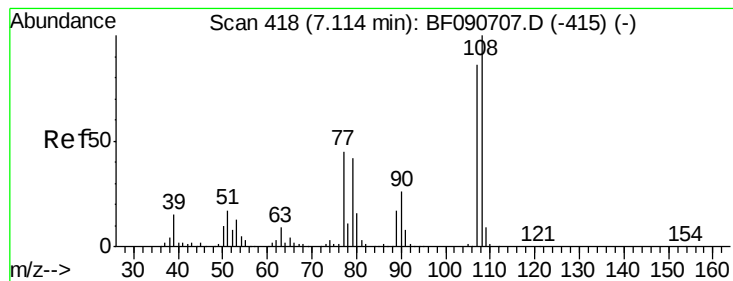
Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100		1040606		
77	17.2	0.0	28.1		
79	14.1	0.0	26.0		





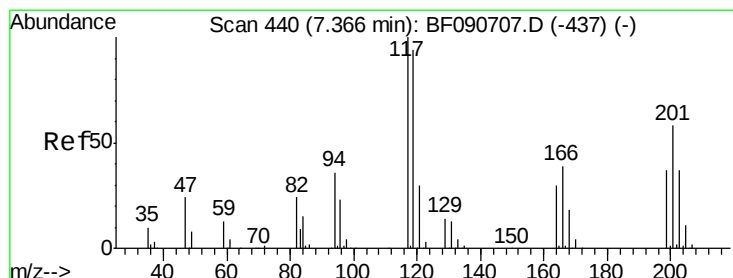
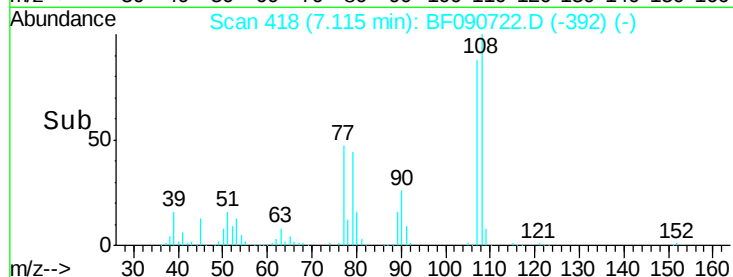
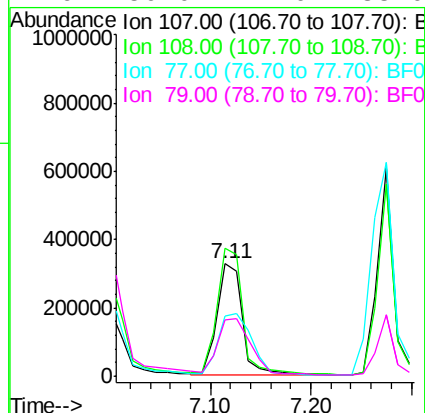
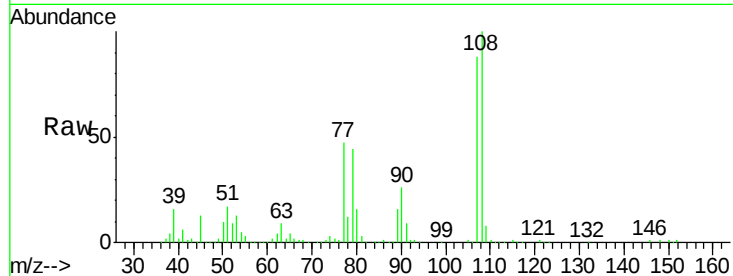
#17
2-Methylphenol
Concen: 36.79 ng
RT: 7.11 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleID :
PB94239BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	96.6	145.0	
77	53.6	23.3	34.9	
79	50.0	22.0	33.0	

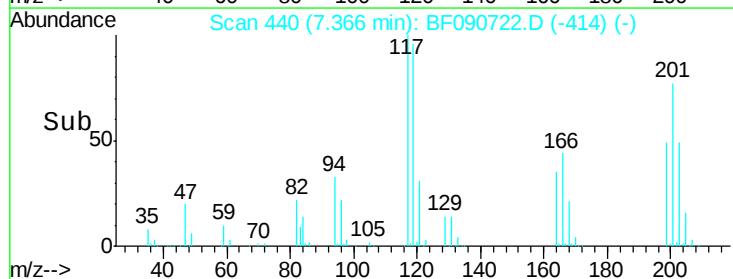
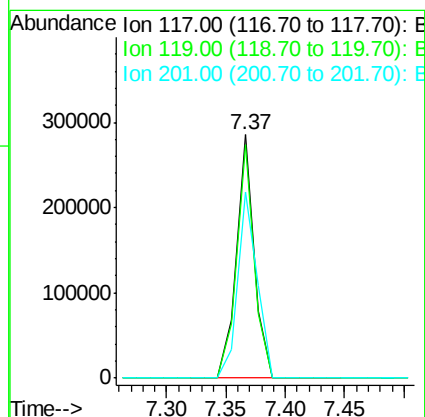
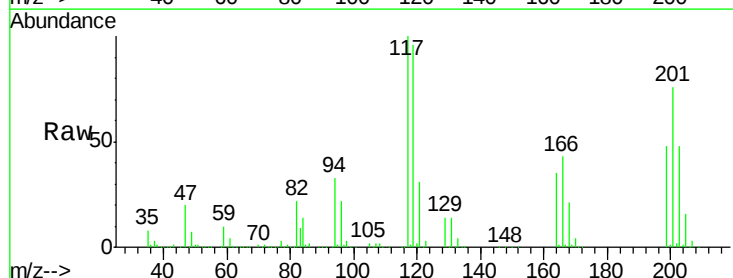
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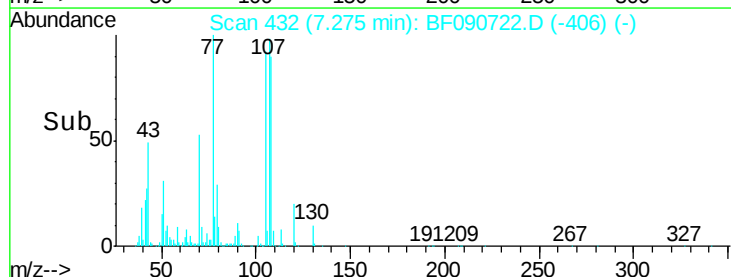
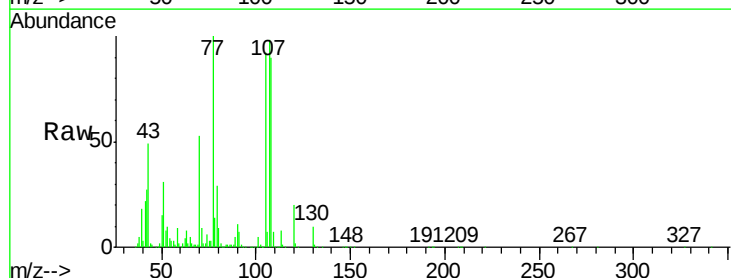
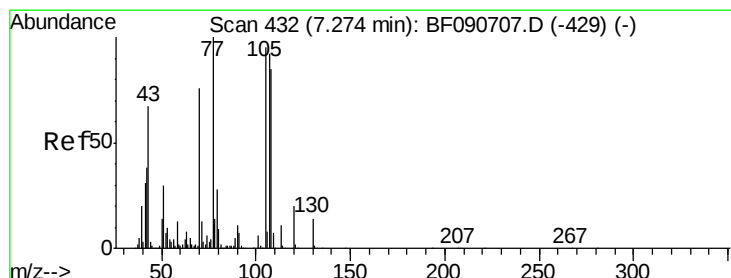
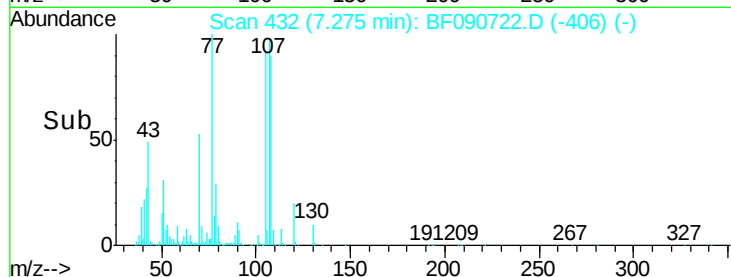
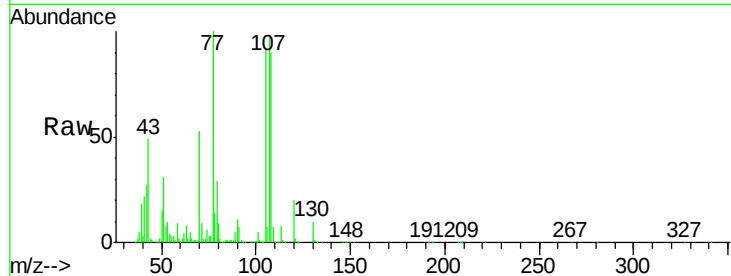
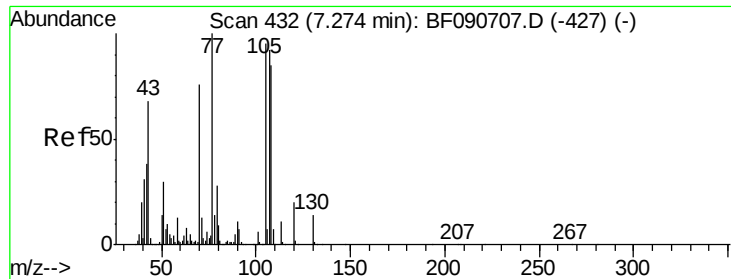
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#18
Hexachloroethane
Concen: 33.14 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	83.8	125.6	
201	76.4	55.1	82.7	





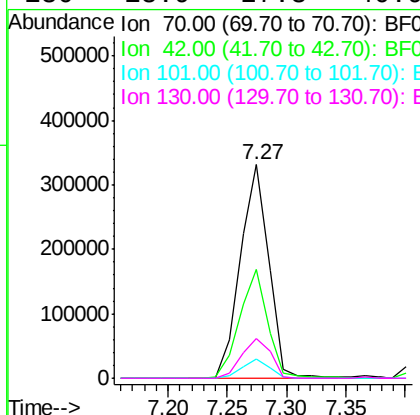
#19
n-Nitroso-di-n-propylamine
Concen: 31.76 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.8	63.8	95.6#
101	8.9	9.2	13.8#
130	18.9	27.3	40.9#

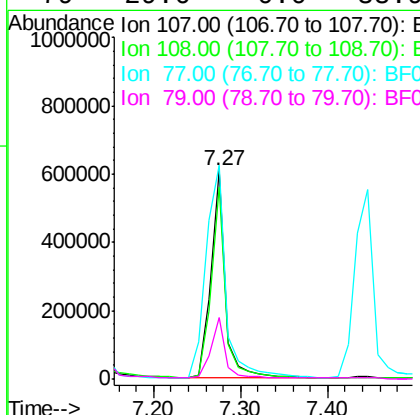
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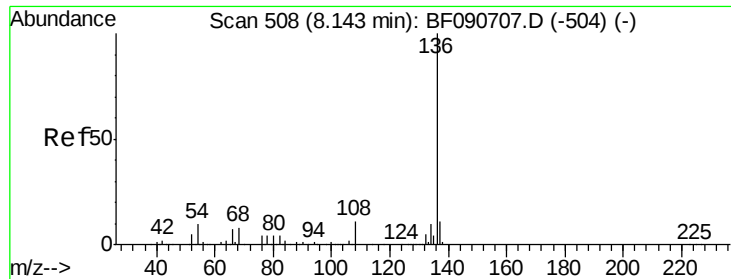
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#20
3+4-Methylphenols
Concen: 37.99 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	74.6	114.6
77	102.4	0.7	40.7#
79	29.6	0.0	38.9





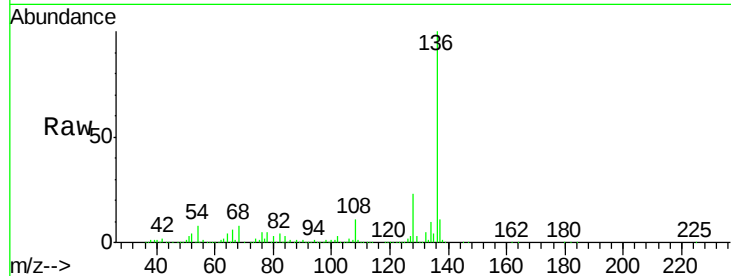
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tot Ion	136	Resp	1219577
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.5	8.2	12.2
68	7.5	5.8	8.6

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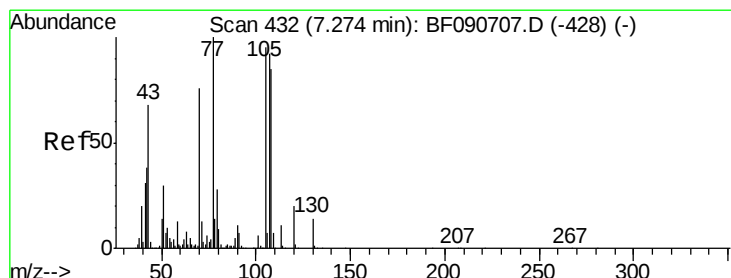
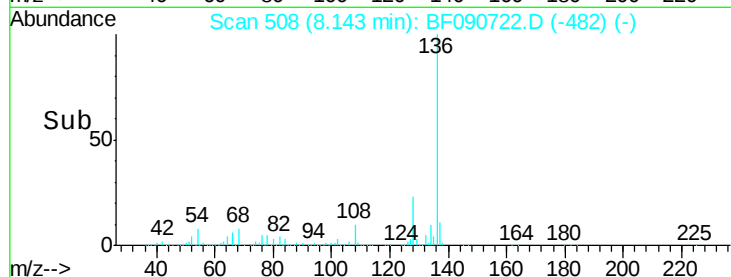
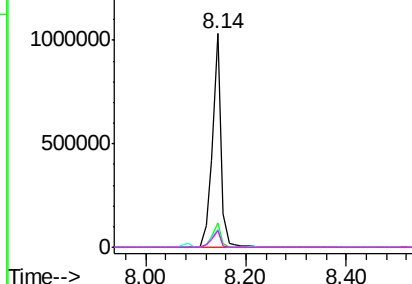
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 36.20 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	105	Resp	983786
Ion	Ratio	Lower	Upper
105	100		
71	9.6	4.7	7.1#
51	33.9	22.0	33.0#
120	21.6	30.1	45.1#

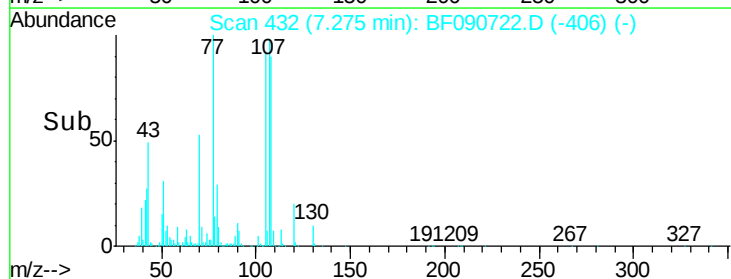
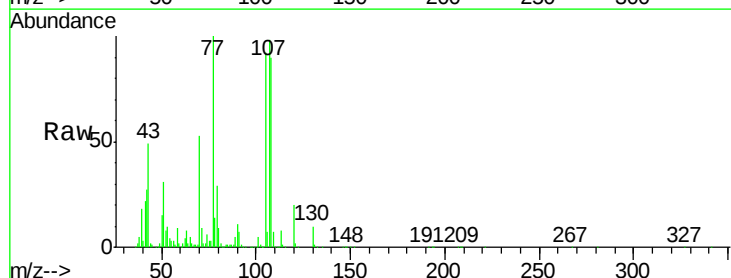
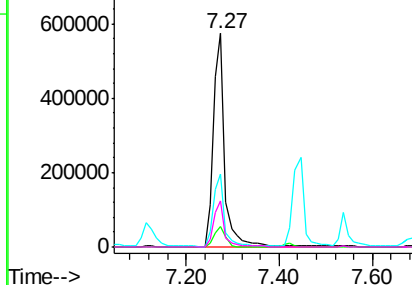
Abundance

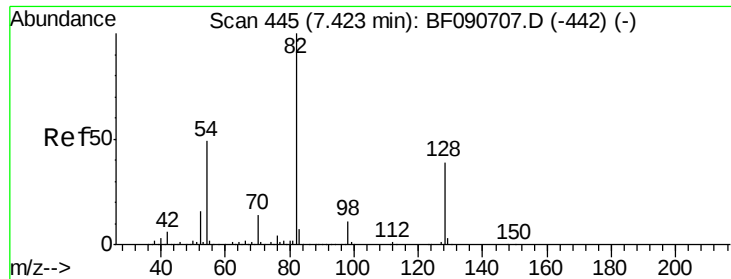
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





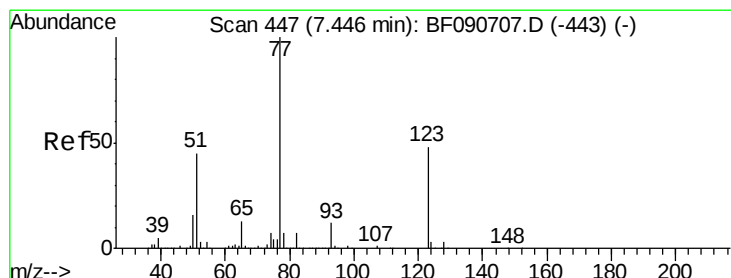
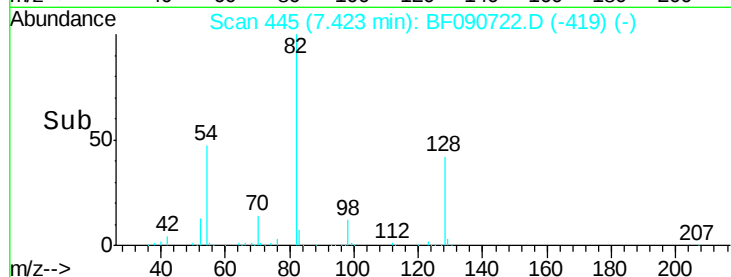
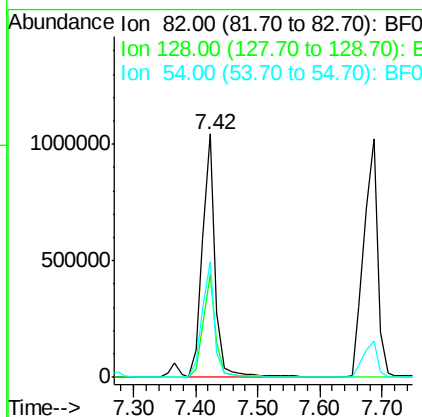
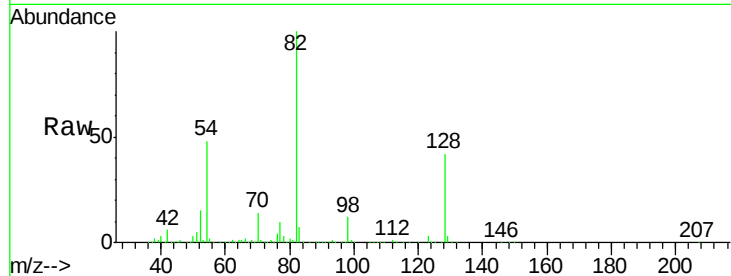
#23
 Nitrobenzene-d5
 Concen: 67.35 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Tot Ion: 82 Resp: 1497544
 Ion Ratio Lower Upper
 82 100
 128 42.2 51.0 76.6#
 54 47.6 47.5 71.3

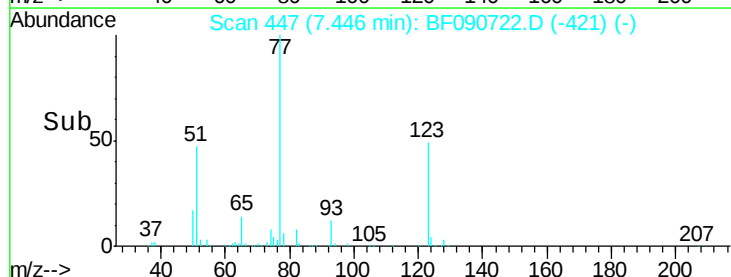
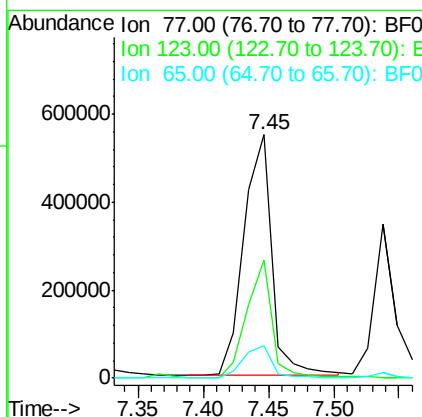
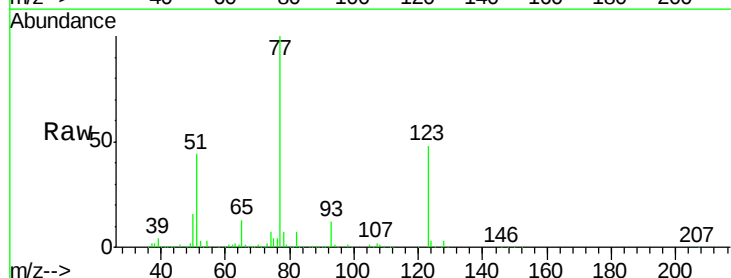
Manual Integrations
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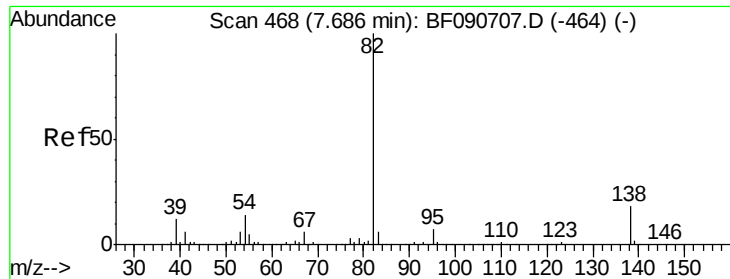
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#24
 Nitrobenzene
 Concen: 33.90 ng
 RT: 7.45 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Tgt Ion: 77 Resp: 817179
 Ion Ratio Lower Upper
 77 100
 123 48.5 59.8 89.8#
 65 13.2 10.2 15.4





#25

Isophorone

Concen: 36.82 ng

RT: 7.69 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

Tot Ion: 82 Resp: 1549655

Ion Ratio Lower Upper

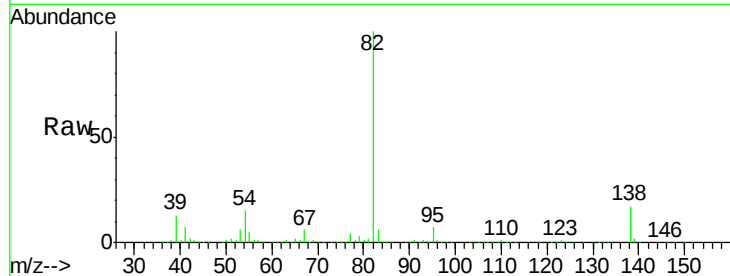
82 100

95 6.8 4.0 6.0#

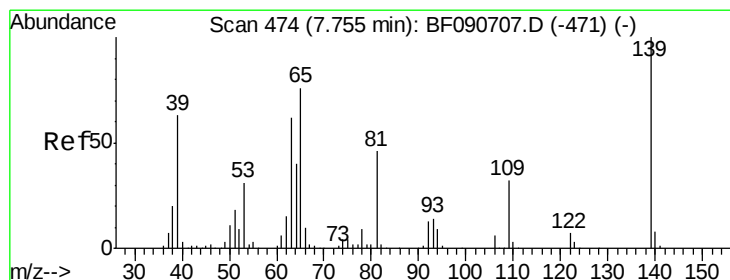
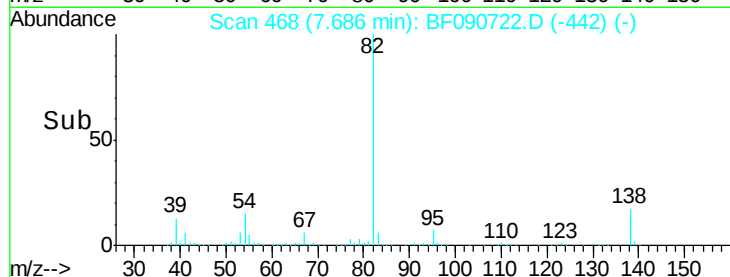
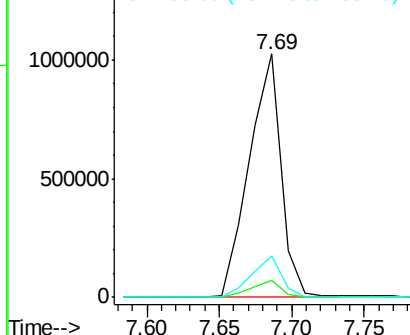
138 17.2 18.3 27.5#

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.78 ng

RT: 7.75 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

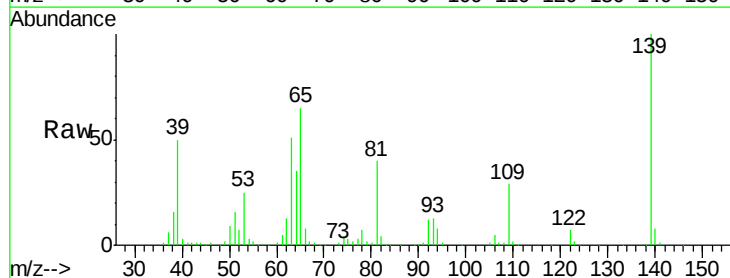
Tgt Ion: 139 Resp: 362222

Ion Ratio Lower Upper

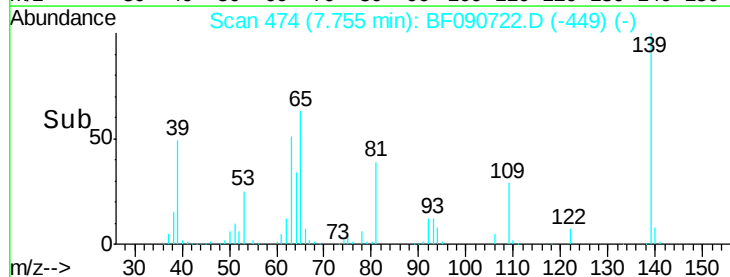
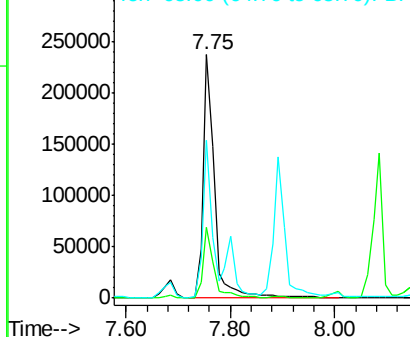
139 100

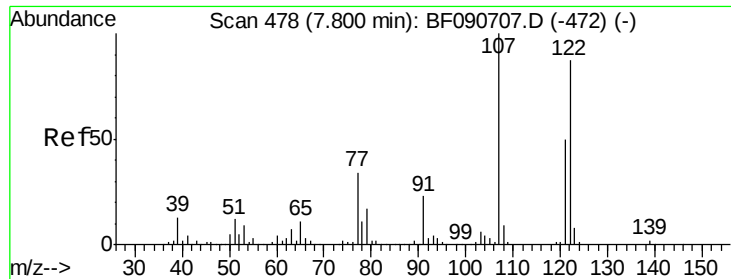
109 28.9 11.0 16.4#

65 64.7 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 35.96 ng

RT: 7.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

Tot Ion:122 Resp: 627957
Ion Ratio Lower Upper

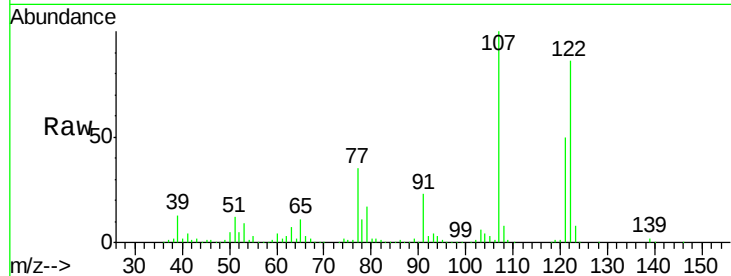
122 100

107 116.2 71.8 107.6#

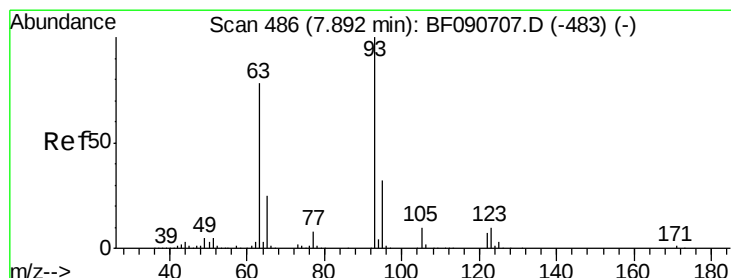
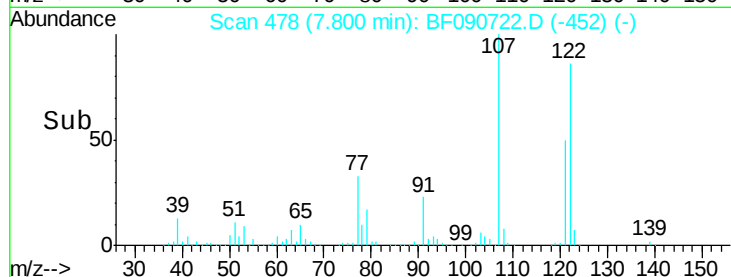
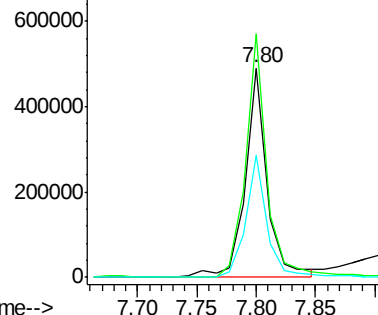
121 58.3 42.3 63.5

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.21 ng

RT: 7.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090722.D

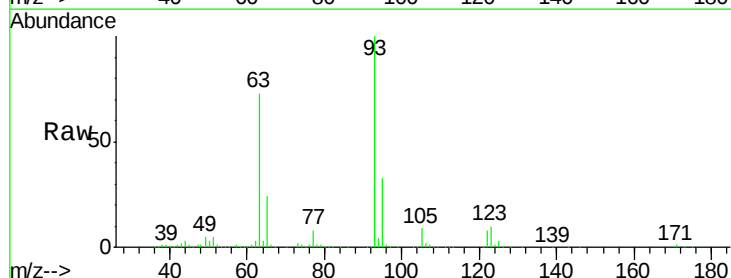
Acq: 21 Oct 2016 20:52

Tgt Ion: 93 Resp: 879980
Ion Ratio Lower Upper

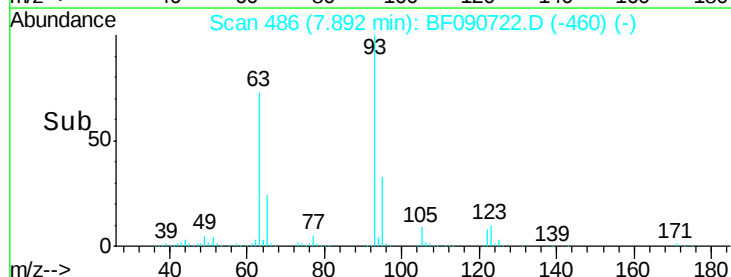
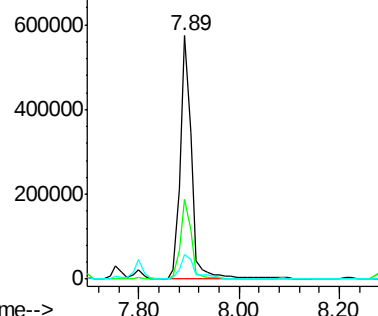
93 100

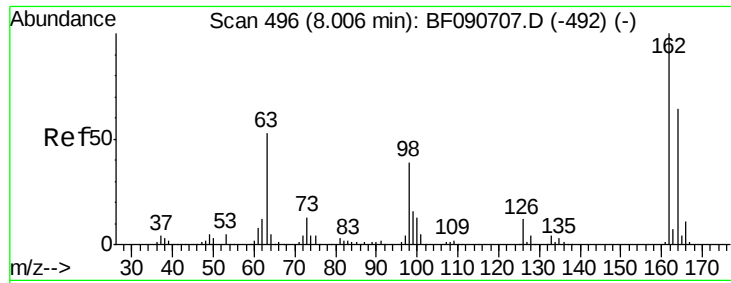
95 32.5 27.5 41.3

123 10.3 13.7 20.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





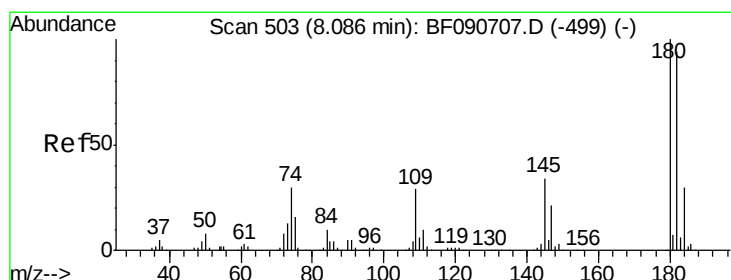
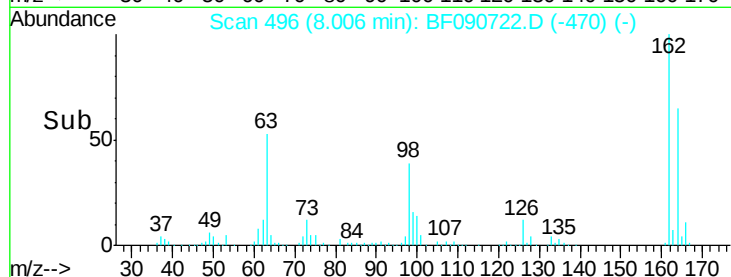
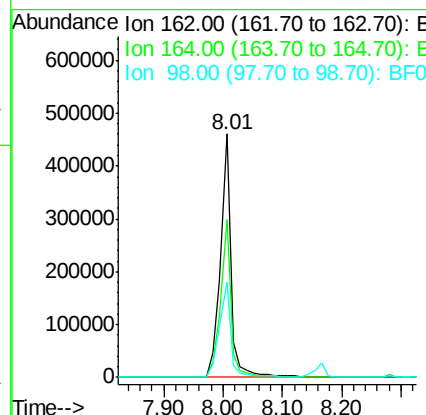
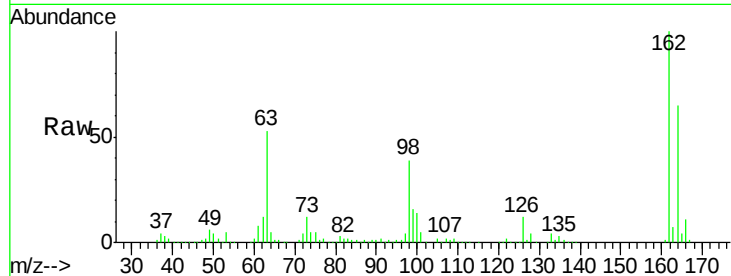
#29
 2,4-Dichlorophenol
 Concen: 39.59 ng
 RT: 8.01 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Tot Ion:	162	Resp:	567353
Ion Ratio	Lower	Upper	
162	100		
164	64.9	44.9	84.9
98	39.1	13.0	53.0

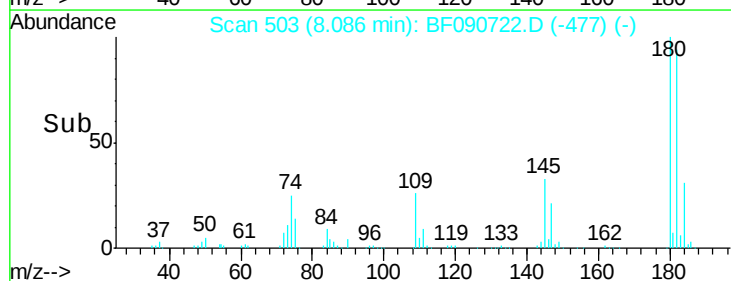
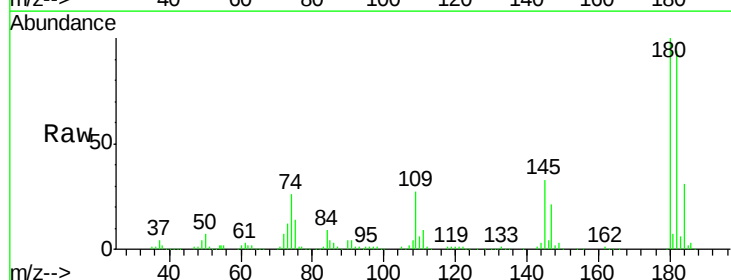
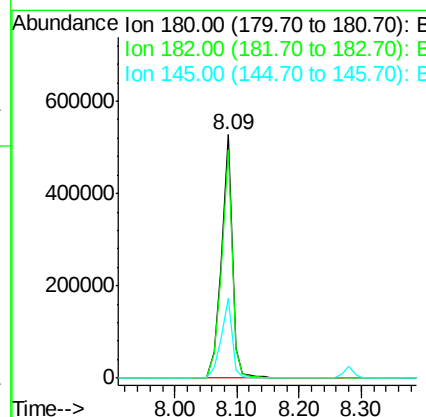
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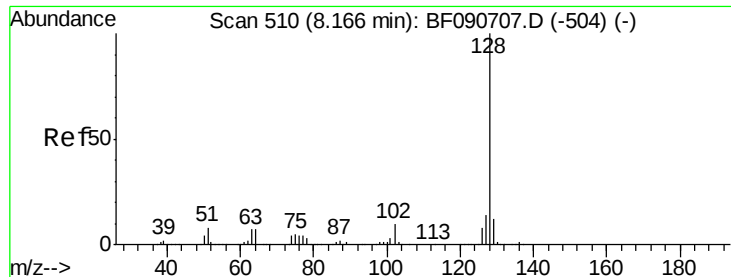
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.18 ng
 RT: 8.09 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Tgt Ion:	180	Resp:	626982
Ion Ratio	Lower	Upper	
180	100		
182	93.8	77.1	115.7
145	32.9	23.3	34.9





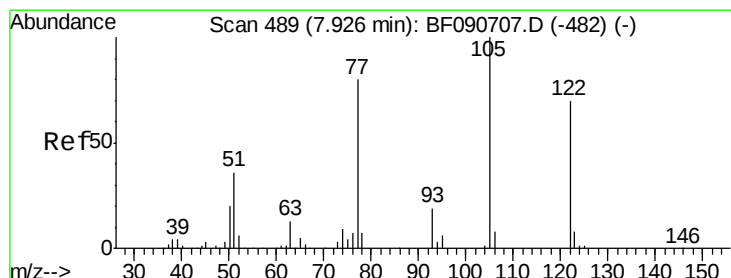
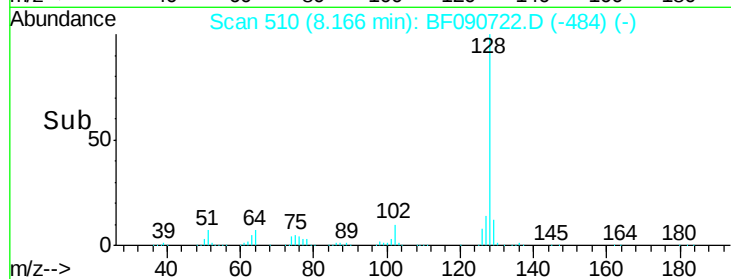
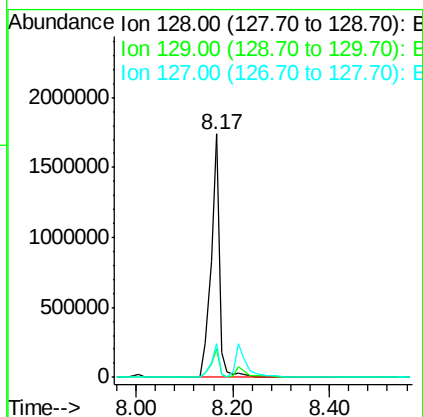
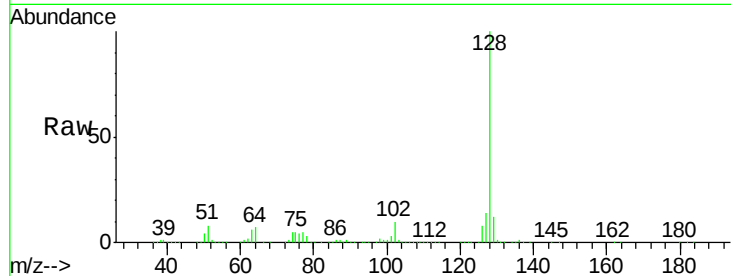
#31
Naphthalene
Concen: 36.20 ng
RT: 8.17 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.4	12.6
127	13.8	9.9	14.9

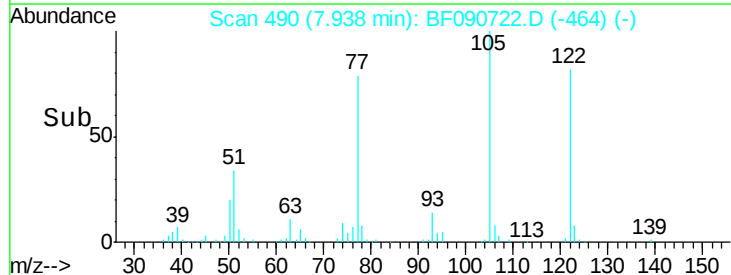
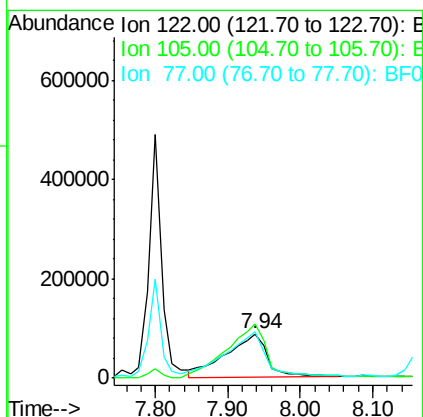
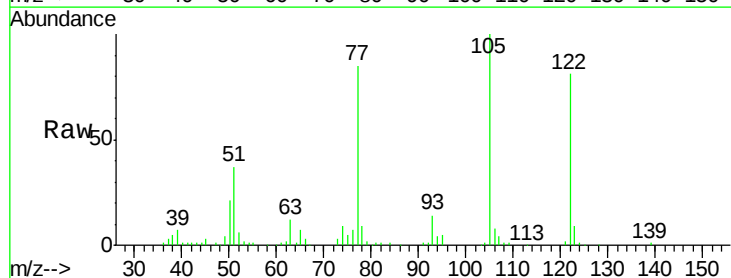
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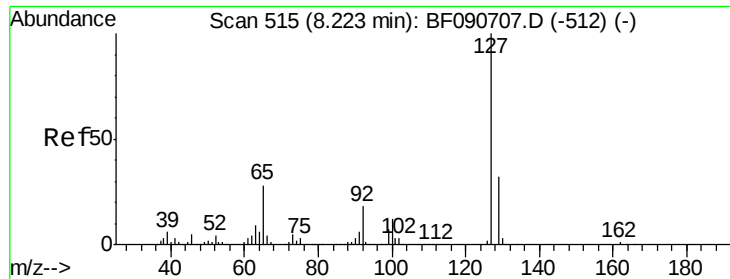
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#32
Benzoic acid
Concen: 30.87 ng
RT: 7.94 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.0	76.1	116.1#
77	104.8	40.5	80.5#





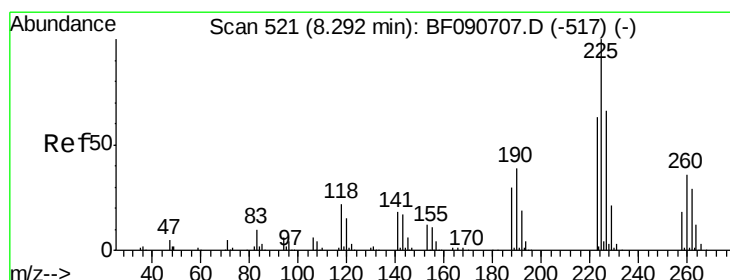
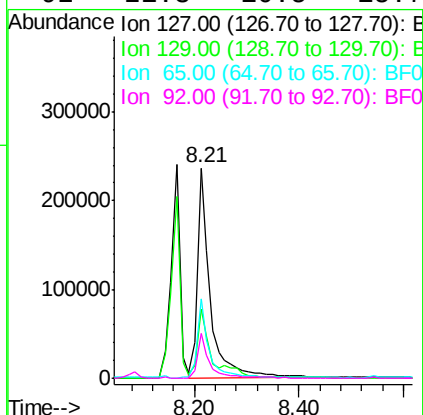
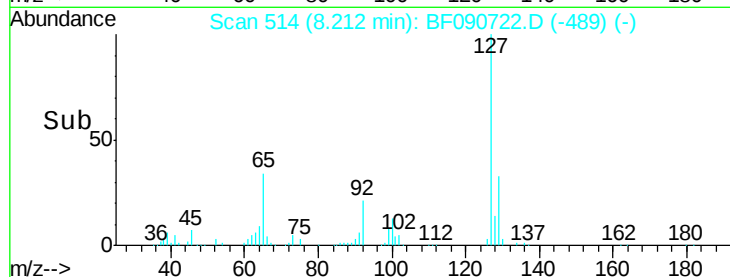
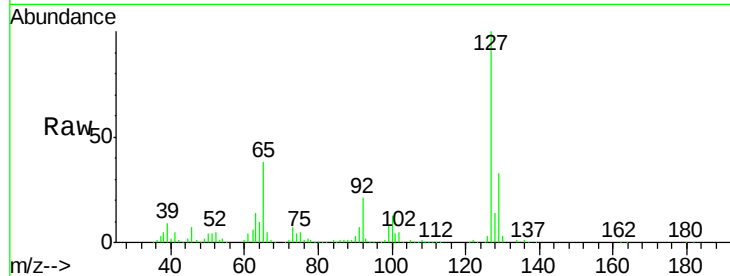
#33
4-Chloroaniline
Concen: 18.31 ng
RT: 8.21 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.8	38.6		
65	38.0	17.9	26.9		
92	21.3	10.5	15.7		

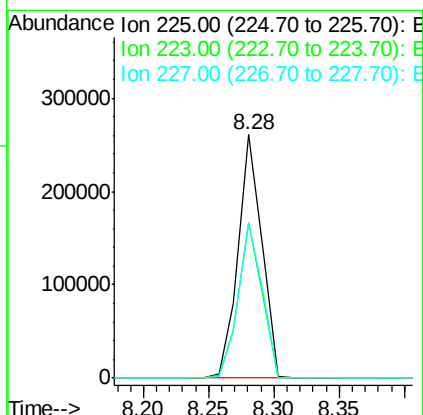
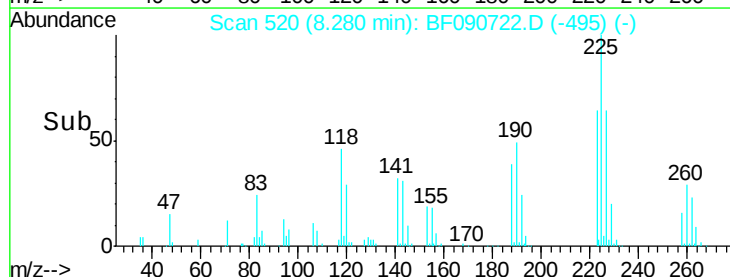
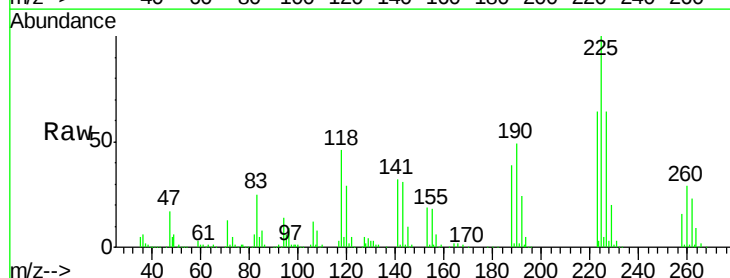
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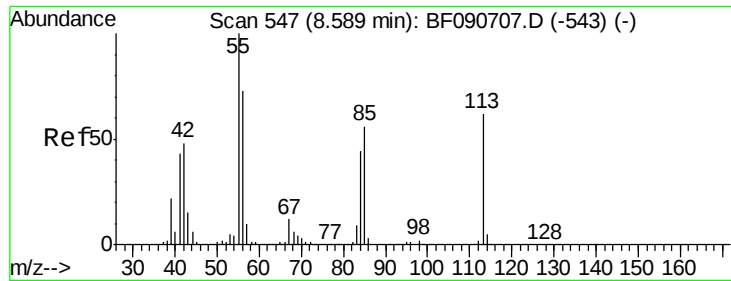
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#34
Hexachlorobutadiene
Concen: 34.51 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	50.2	75.2		
227	63.6	52.2	78.2		





#35

Caprolactam

Concen: 42.45 ng/ml

RT: 8.59 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleID :

PB94239BS

Tot Ion:113 Resp: 173764

Ion Ratio Lower Upper

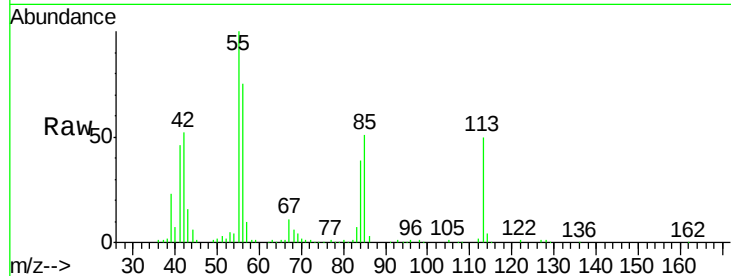
113 100

55 200.8 152.4 192.4#

56 149.6 104.6 144.6#

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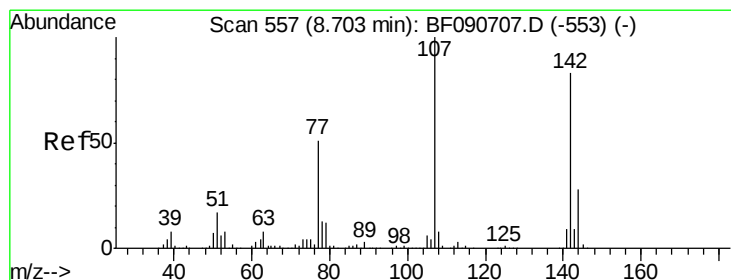
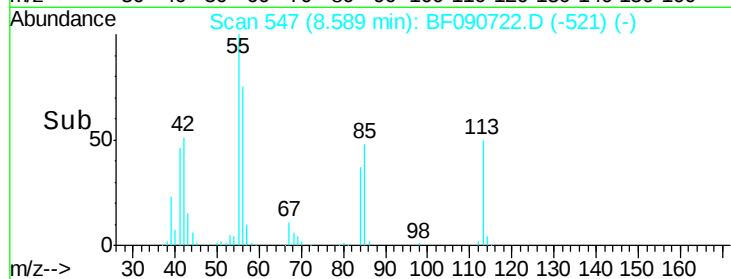
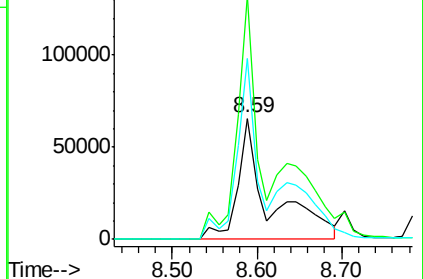
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.25 ng/ml

RT: 8.70 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

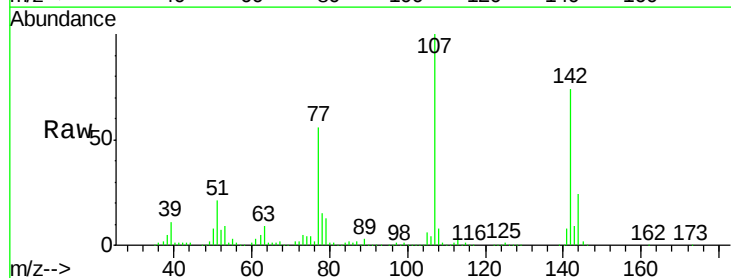
Tgt Ion:107 Resp: 604153

Ion Ratio Lower Upper

107 100

144 24.1 25.4 38.0#

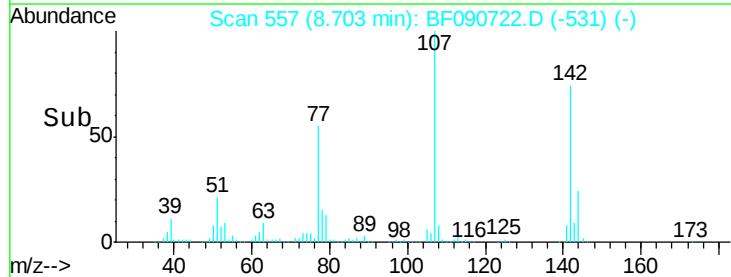
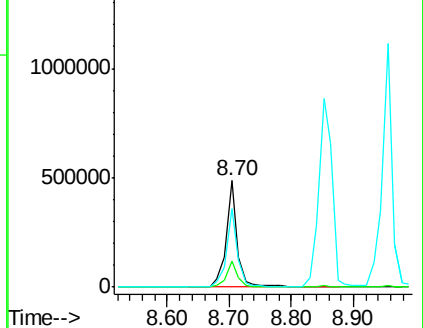
142 74.2 77.3 115.9#

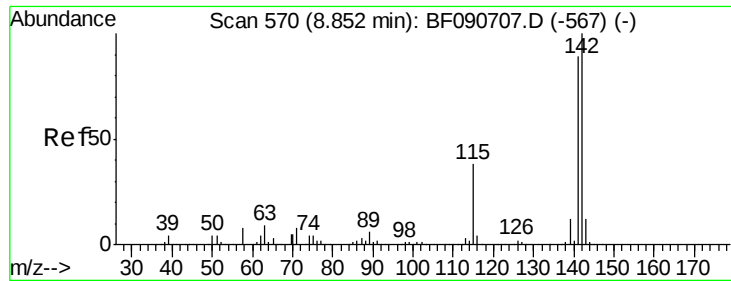


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





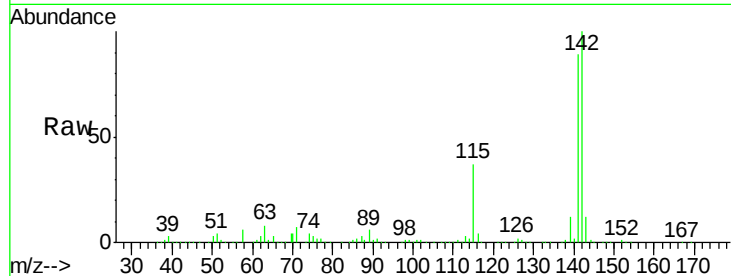
#37
2-Methylnaphthalene
Concen: 37.19 ng
RT: 8.85 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

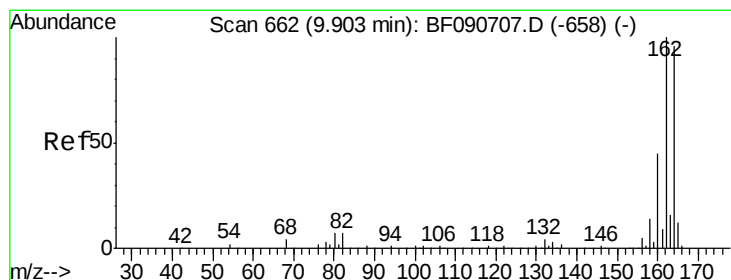
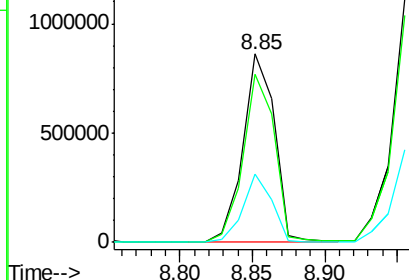
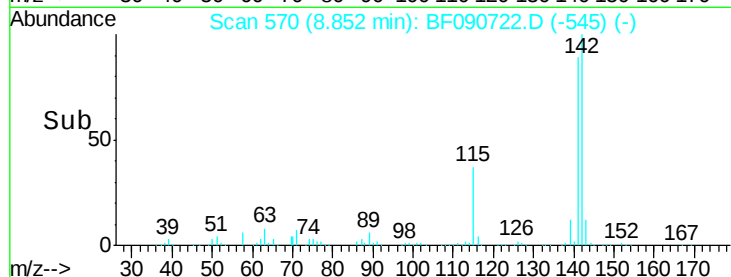
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.5	101.3
115	36.6	18.2	27.2

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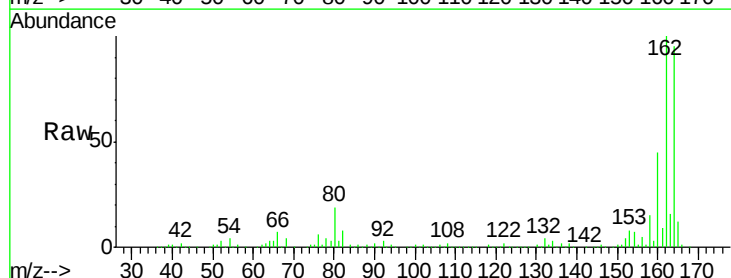


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

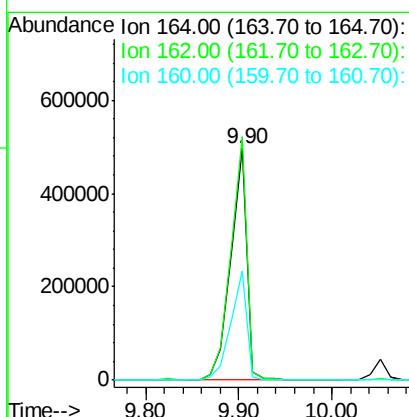
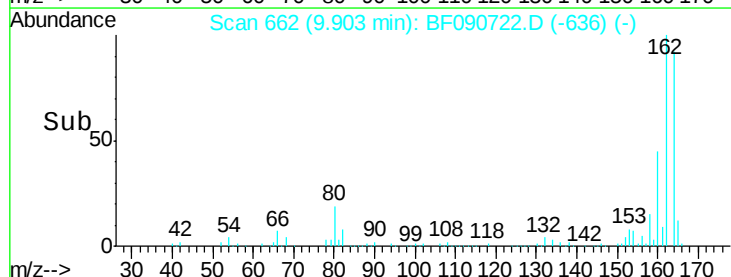


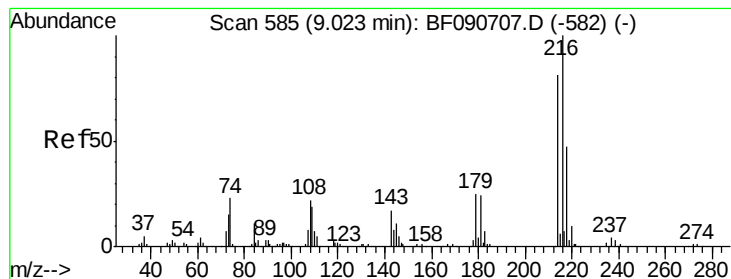
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	75.2	112.8
160	47.0	31.5	47.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.70 ng

RT: 9.02 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

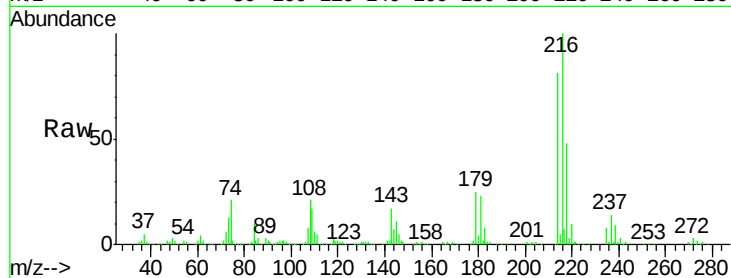
ClientSampleId :

PB94239BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		589445		
214	79.9		63.5	95.3	
179	23.6		16.6	24.8	
108	23.8		16.3	24.5	

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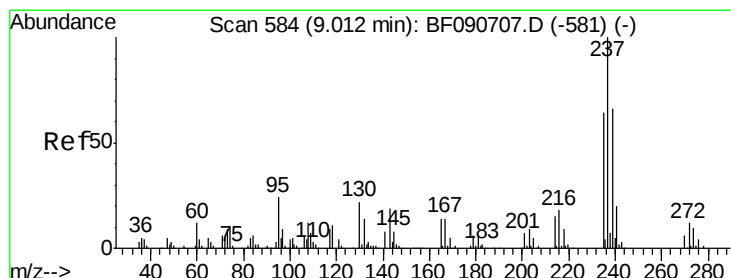
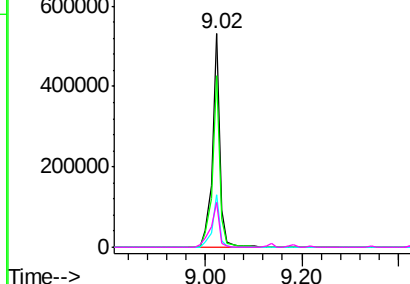
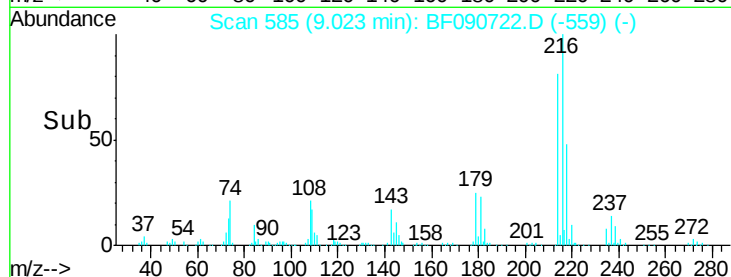


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.99 ng

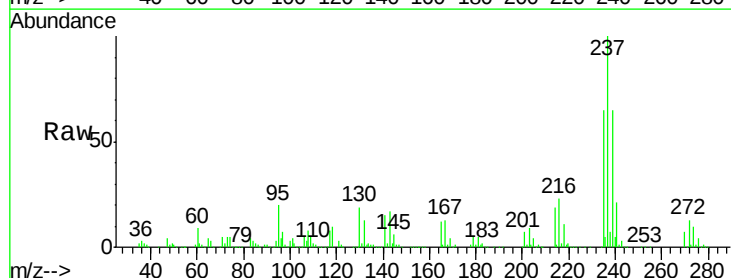
RT: 9.01 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

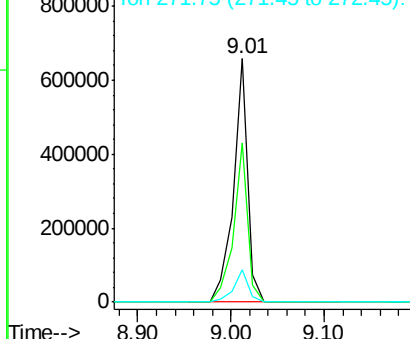
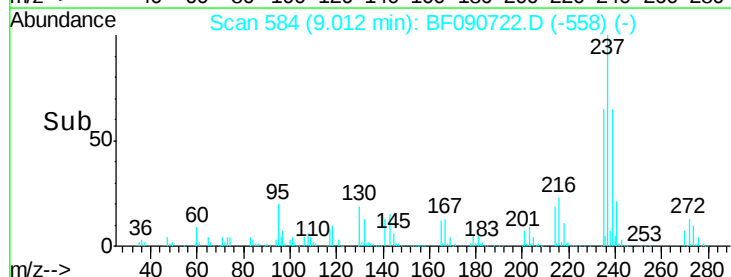
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		705241		
235	65.3		42.0	82.0	
272	13.2		0.0	36.1	

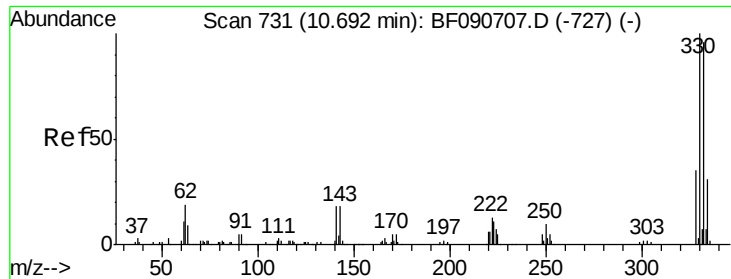


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





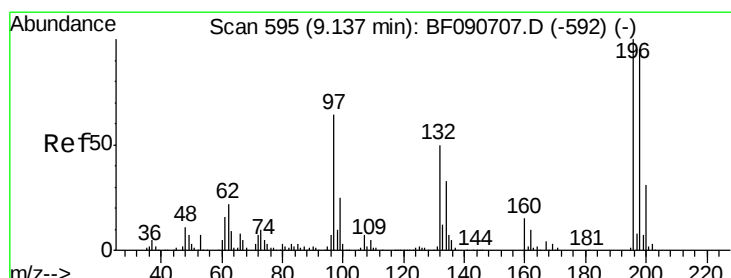
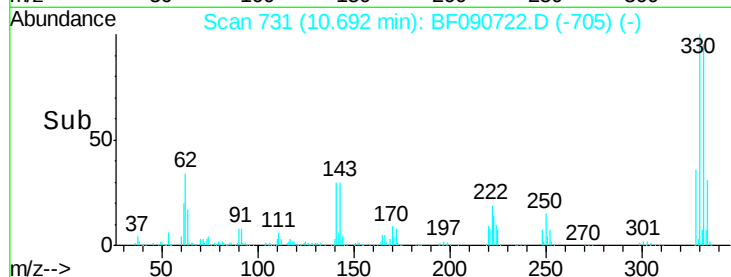
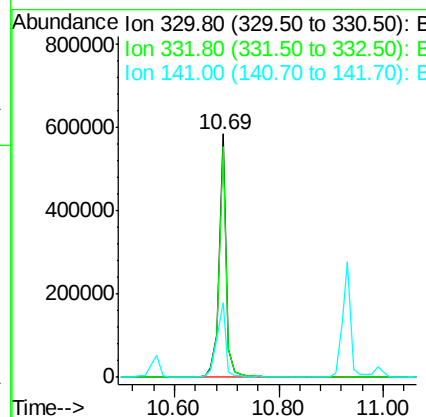
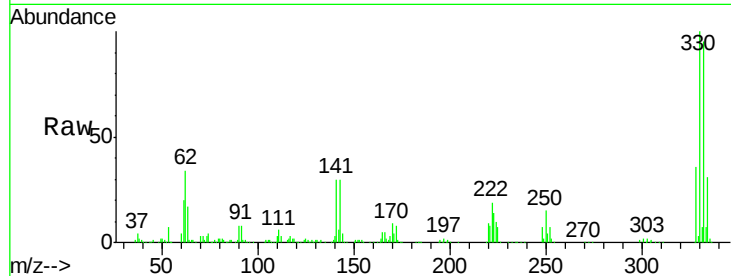
#41
 2,4,6-Tribromophenol
 Concen: 118.00 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	571039		
332	95.1	76.6	114.8	
141	37.2	29.7	44.5	

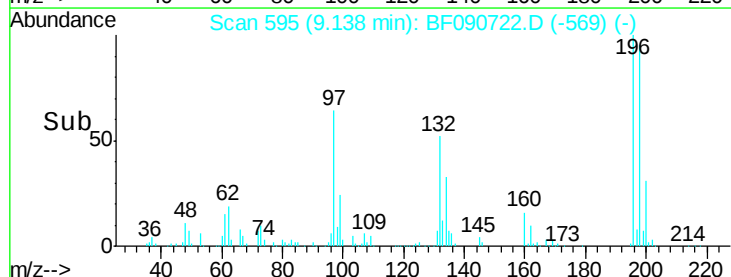
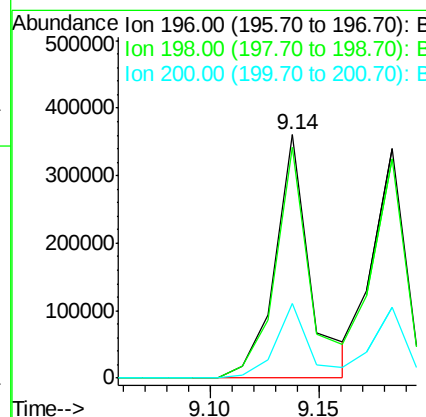
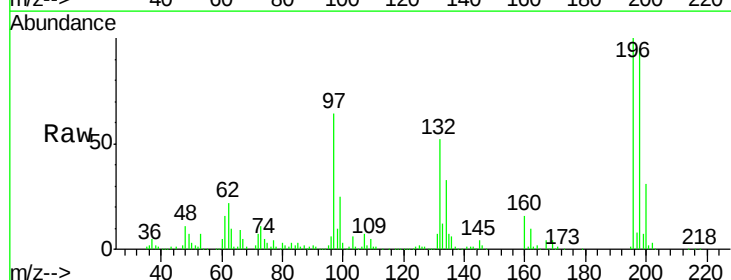
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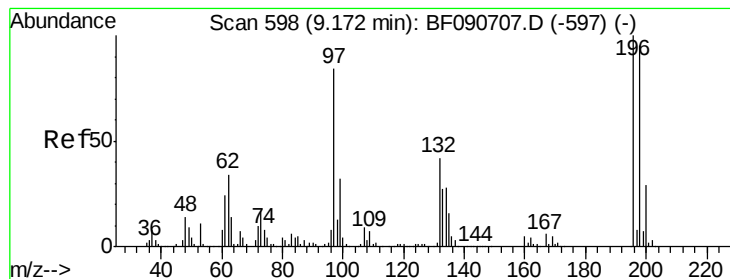
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#42
 2,4,6-Trichlorophenol
 Concen: 39.69 ng
 RT: 9.14 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	406370		
198	94.9	75.7	113.5	
200	30.5	23.9	35.9	





#43

2,4,5-Trichlorophenol

Concen: 37.82 ng

RT: 9.18 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

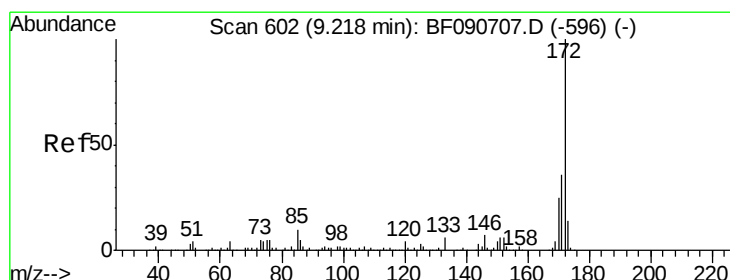
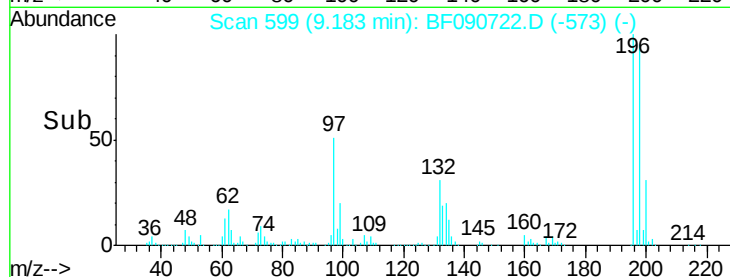
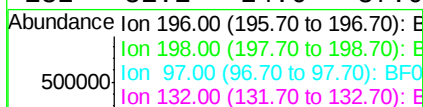
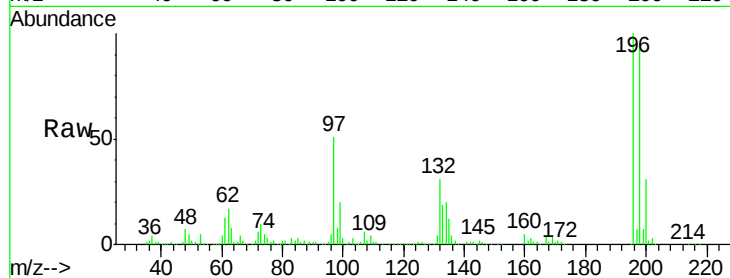
ClientSampleId :

PB94239BS

Tot Ion:	196	Resp:	392959
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.4	113.0
97	51.3	33.3	49.9
132	31.1	24.6	37.0

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#44

2-Fluorobiphenyl

Concen: 66.05 ng

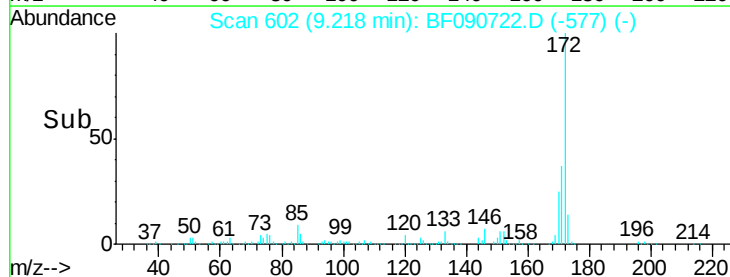
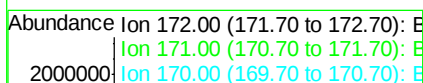
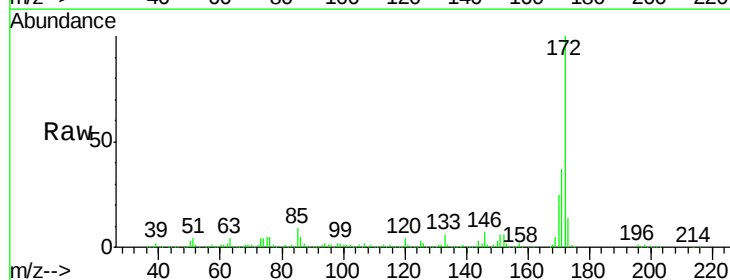
RT: 9.22 min Scan# 602

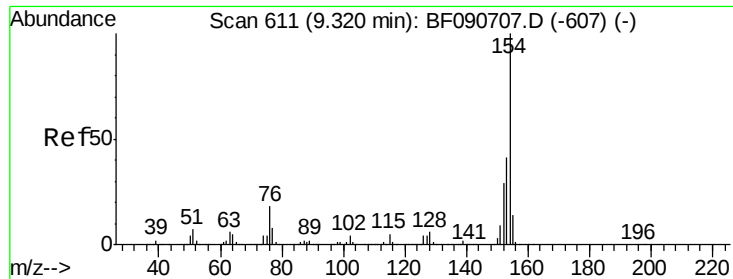
Delta R.T. -0.01 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Tgt Ion:	172	Resp:	2601326
Ion Ratio	Lower	Upper	
172	100		
171	37.1	26.1	39.1
170	25.1	17.4	26.2





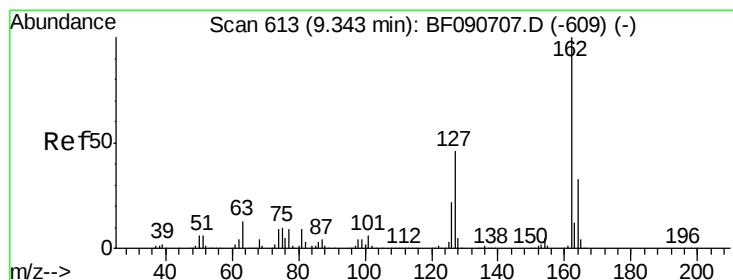
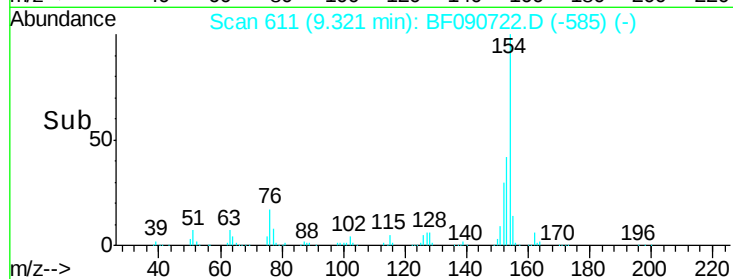
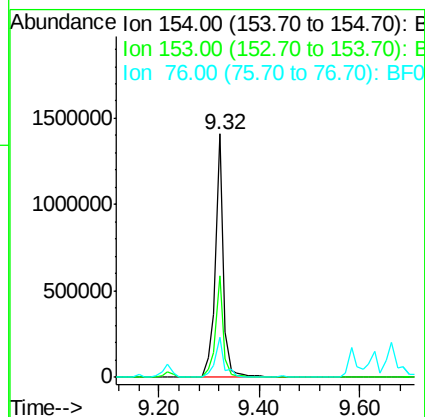
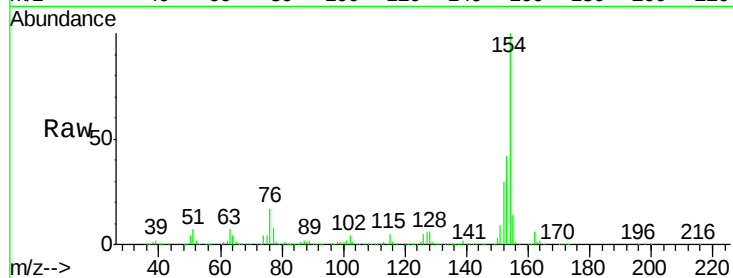
#45
 1,1'-Biphenyl
 Concen: 32.73 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	17.1	57.1
76	16.6	0.0	31.6

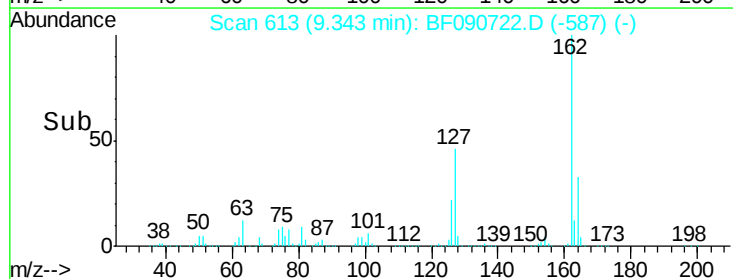
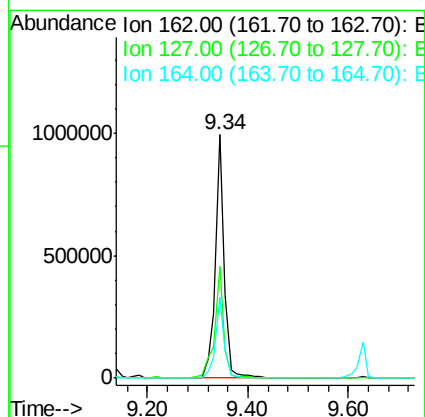
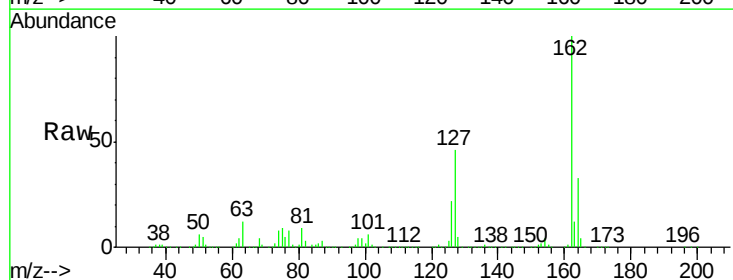
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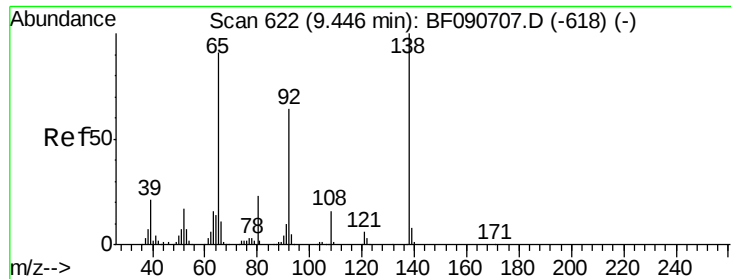
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#46
 2-Chloronaphthalene
 Concen: 34.50 ng
 RT: 9.34 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.9	27.6	41.4#
164	33.3	25.4	38.2





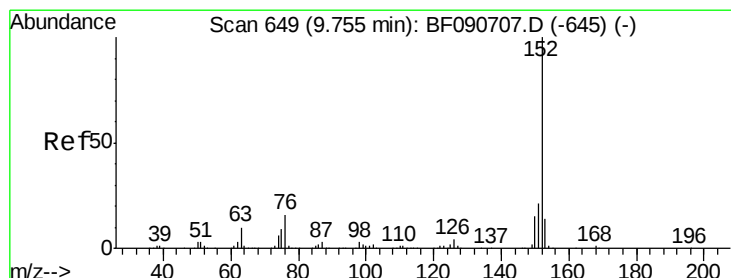
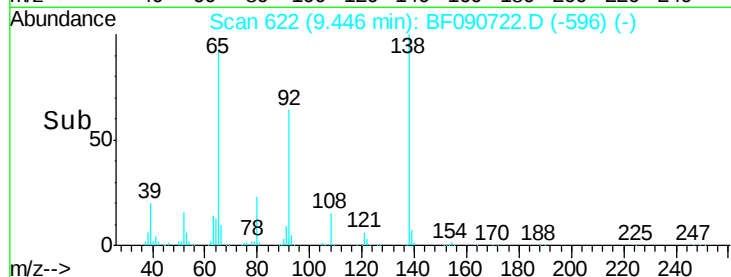
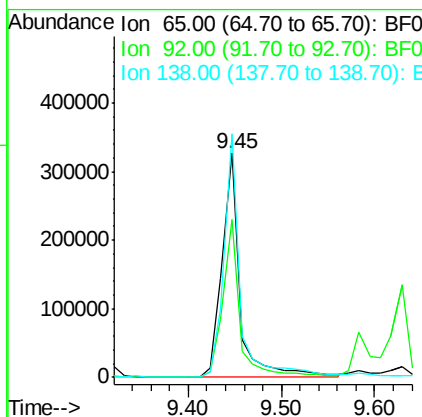
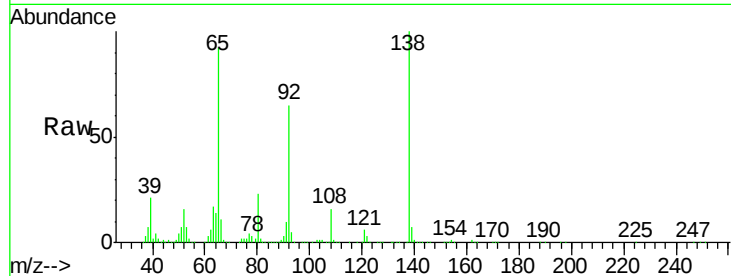
#47
2-Nitroaniline
Concen: 36.95 ng
RT: 9.45 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.1	55.4	83.0
138	108.5	115.5	173.3

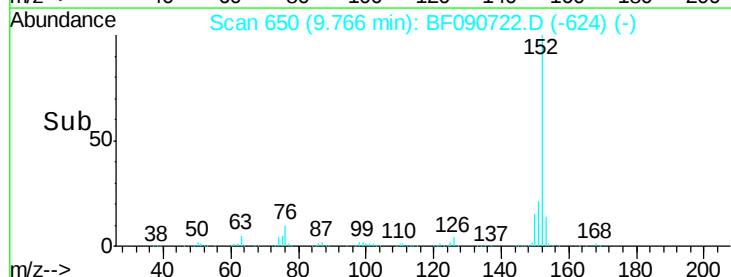
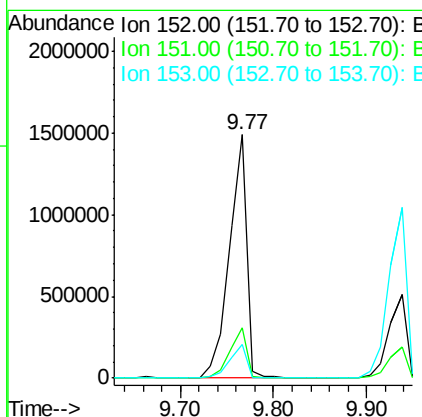
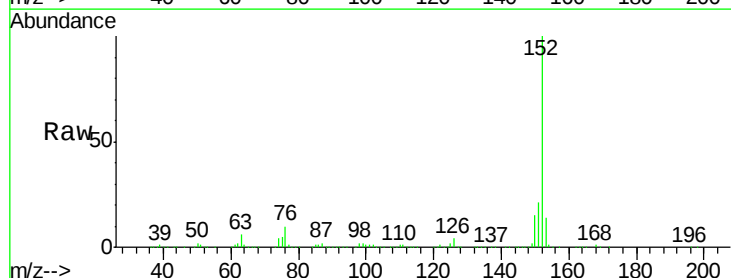
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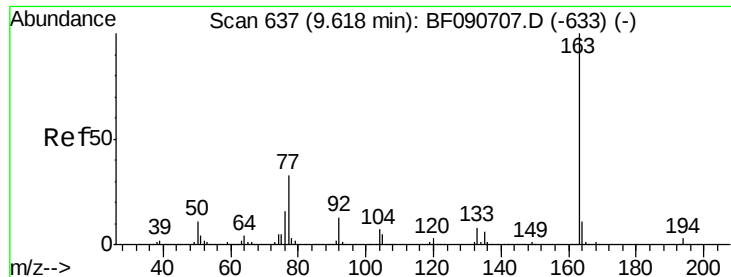
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#48
Acenaphthylene
Concen: 35.74 ng
RT: 9.77 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	14.6	22.0
153	13.6	10.3	15.5





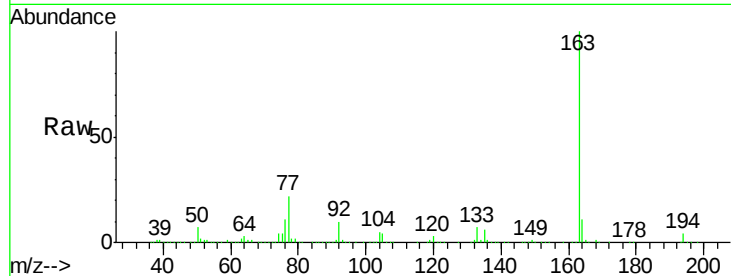
#49
Dimethylphthalate
Concen: 38.64 ng
RT: 9.63 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

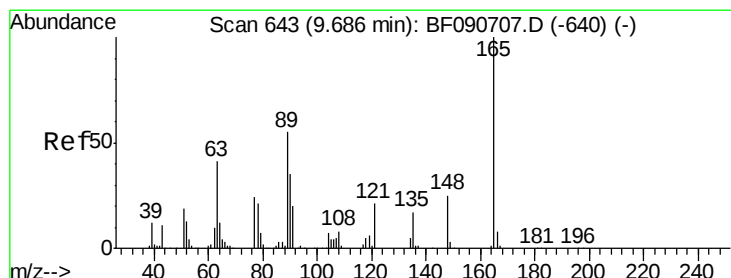
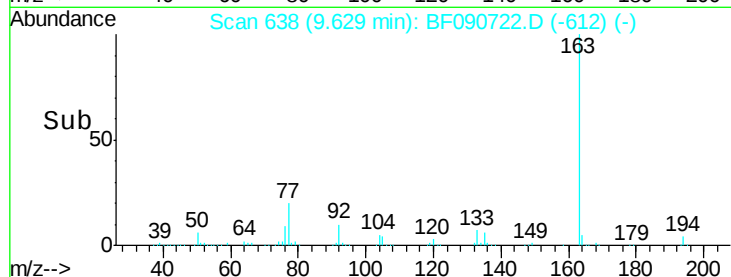
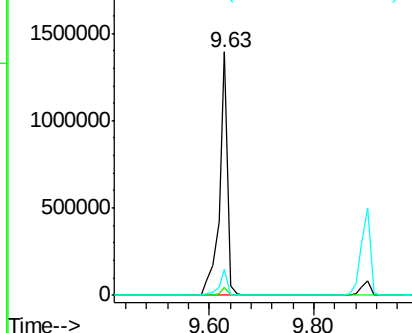
Tot Ion:163 Resp: 1484446
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 10.6 8.3 12.5

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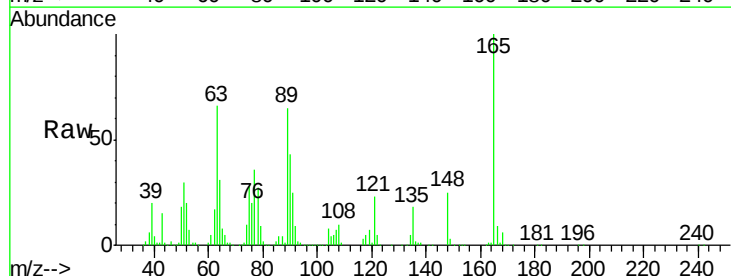


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

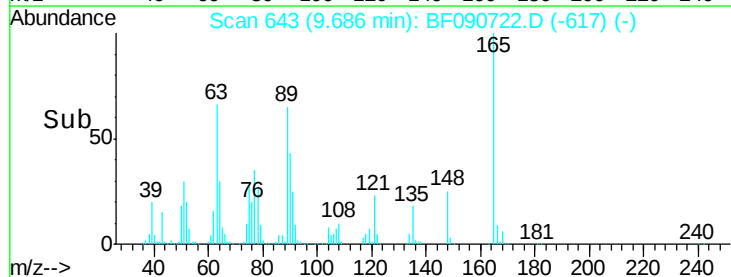
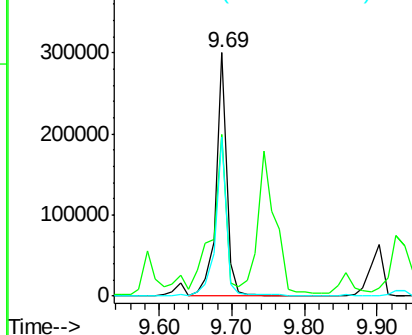


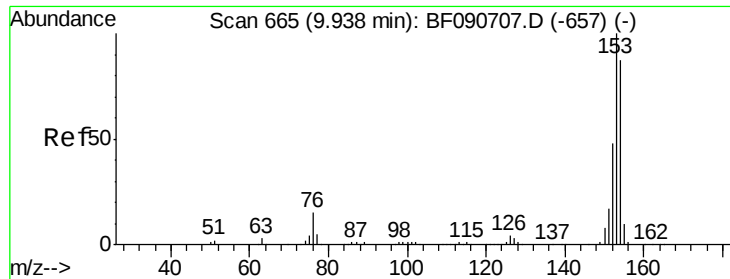
#50
2,6-Dinitrotoluene
Concen: 37.04 ng
RT: 9.69 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion:165 Resp: 306003
Ion Ratio Lower Upper
165 100
63 66.4 32.3 48.5#
89 65.4 28.6 43.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





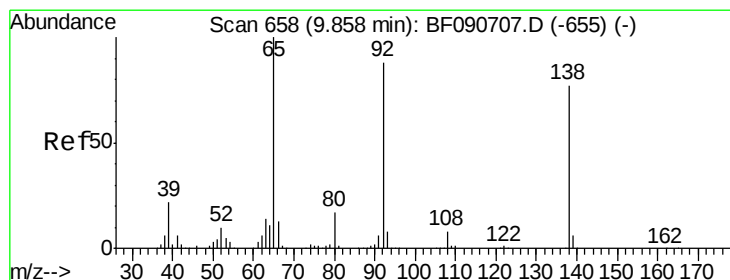
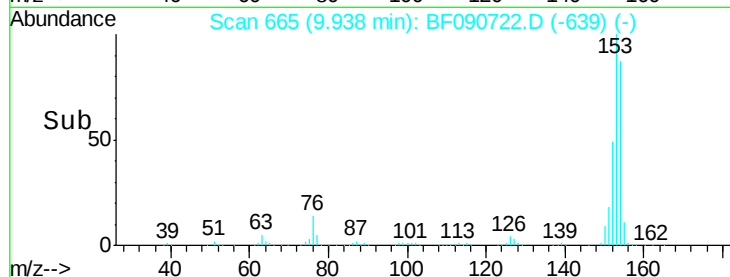
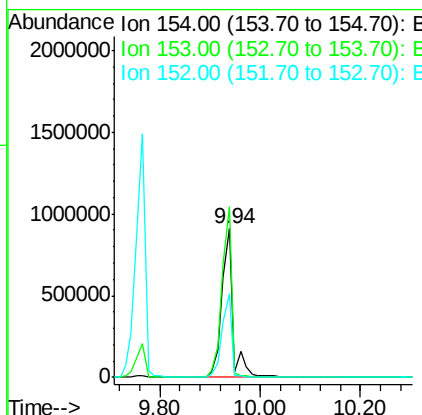
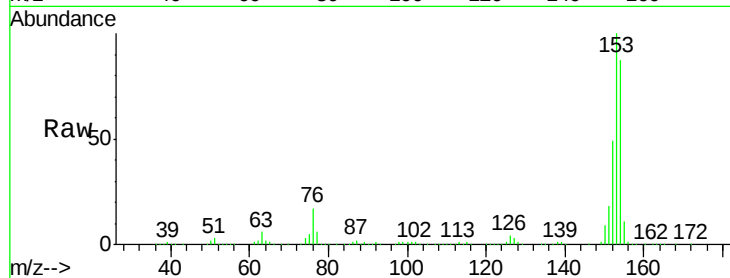
#51
Acenaphthene
Concen: 39.16 ng
RT: 9.94 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.0	82.1	123.1
152	56.1	37.9	56.9

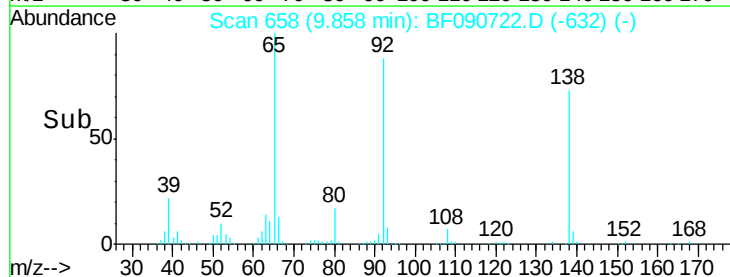
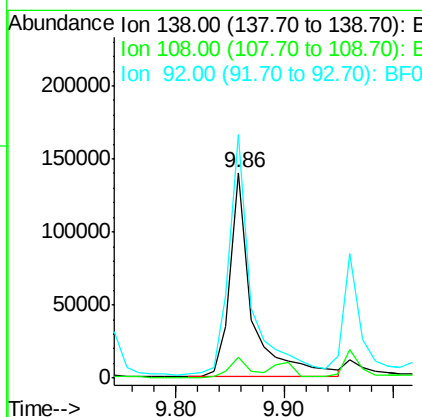
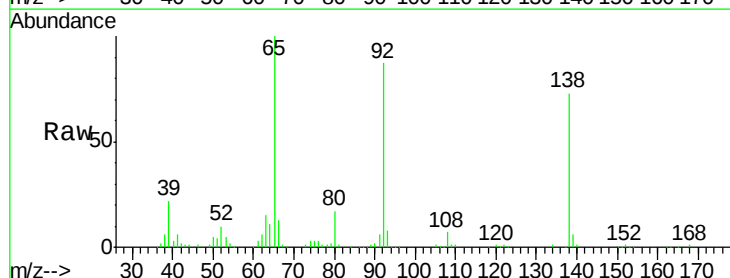
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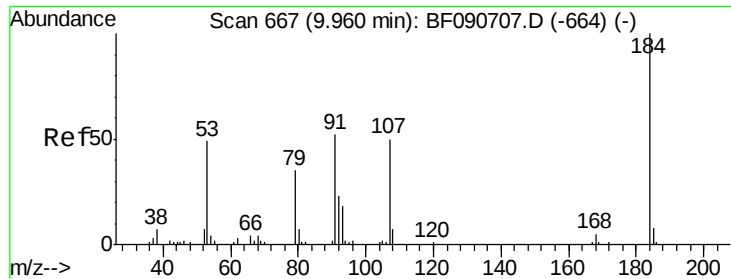
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#52
3-Nitroaniline
Concen: 20.84 ng
RT: 9.86 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	5.7	8.5#
92	118.5	67.7	101.5#





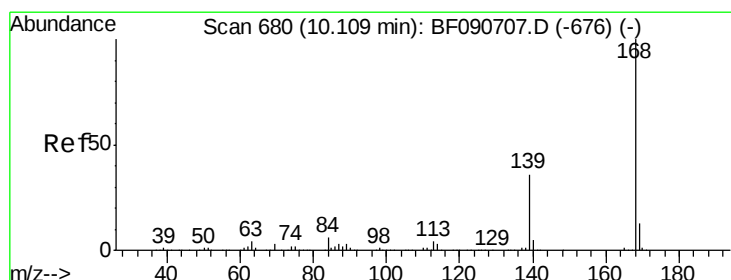
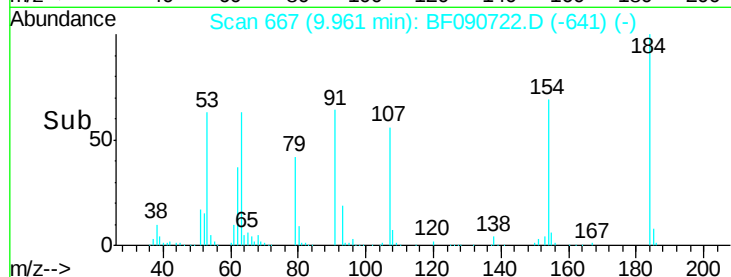
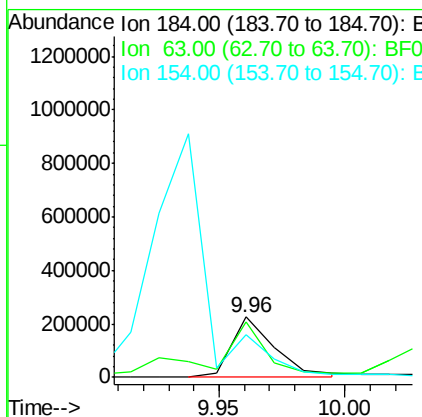
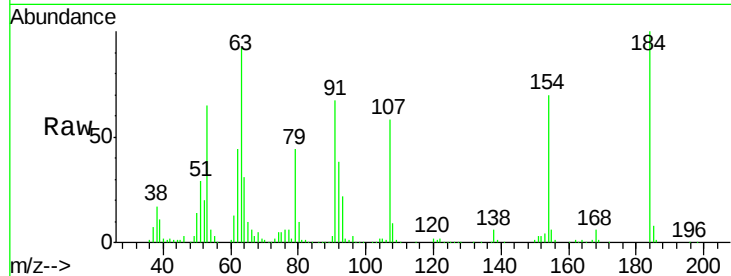
#53
2,4-Dinitrophenol
Concen: 63.51 ng/ml
RT: 9.96 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	268825		
63	91.8	35.4	53.2	#
154	69.7	32.2	48.4	#

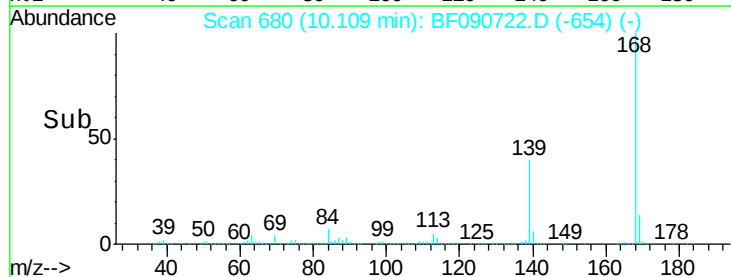
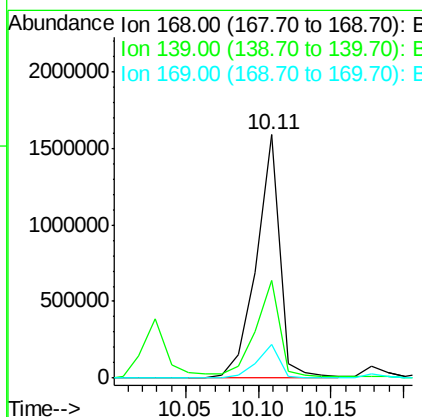
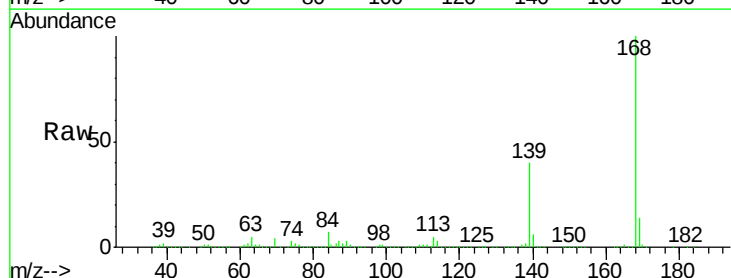
Manual Integrations
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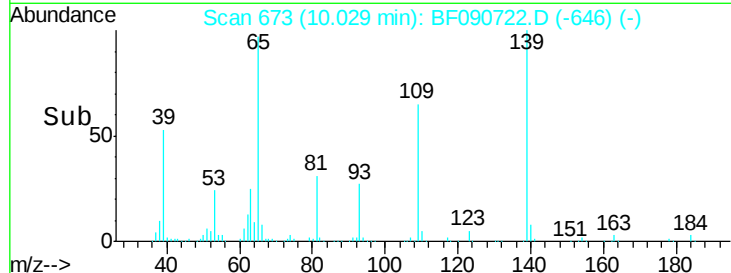
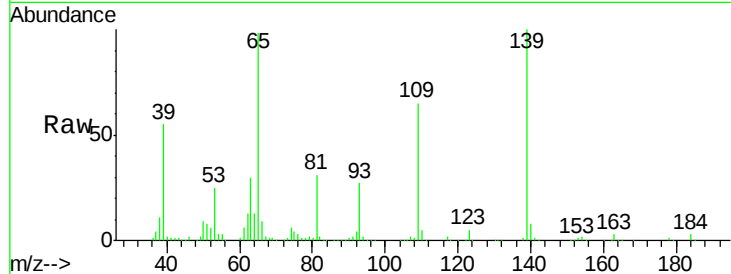
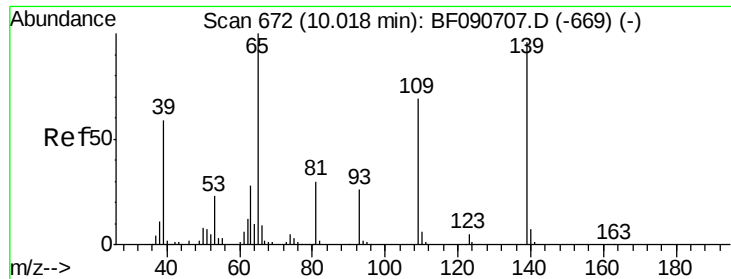
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#54
Dibenzofuran
Concen: 40.71 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1782778		
139	40.2	24.2	36.2	#
169	14.0	10.6	15.8	





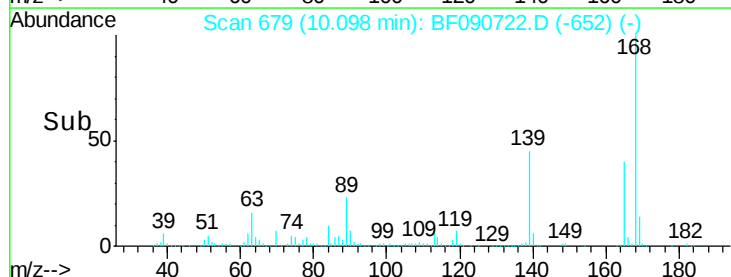
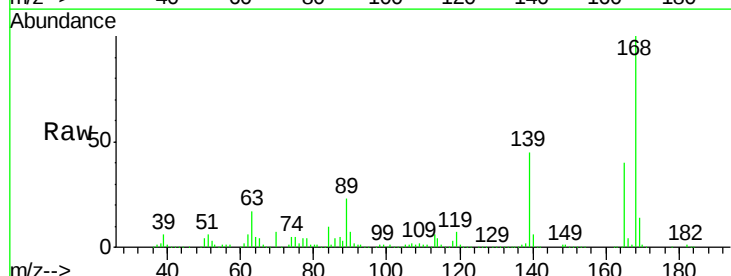
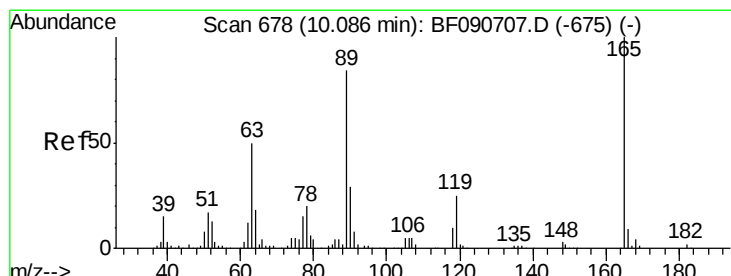
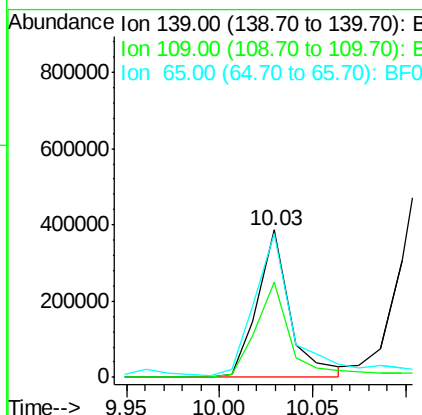
#55
4-Nitrophenol
Concen: 80.78 ng
RT: 10.03 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tot Ion	Ratio	Resp	Lower	Upper
139	100	471694		
109	64.8	12.7	52.7#	
65	98.1	45.9	85.9#	

Instrument :
BNA_F
ClientSampleId :
PB94239BS

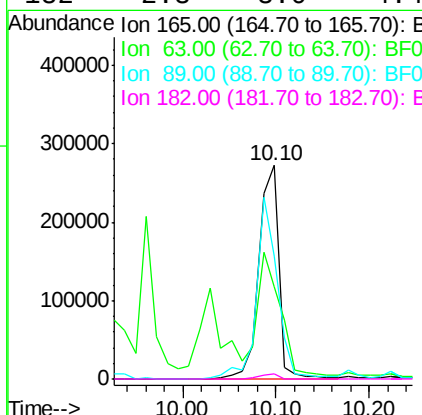
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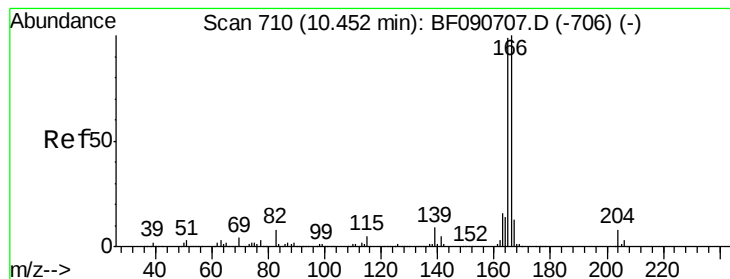
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#56
2,4-Dinitrotoluene
Concen: 40.88 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	412825		
63	43.0	29.8	44.6	
89	57.8	44.5	66.7	
182	2.3	3.0	4.4#	





#57

Fluorene

Concen: 38.63 ng

RT: 10.45 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

Tot Ion:166 Resp: 1402090

Ion Ratio Lower Upper

166 100

165 99.8 72.6 109.0

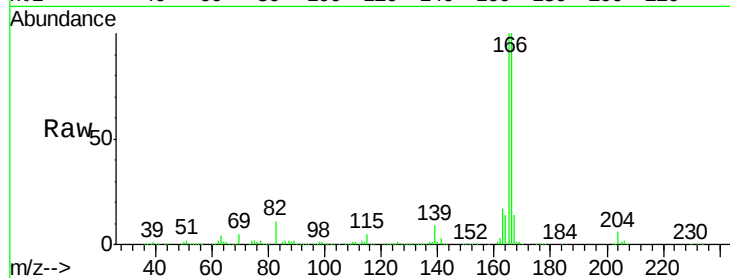
167 13.7 10.6 16.0

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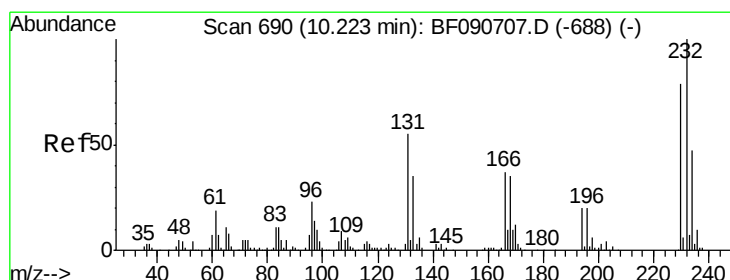
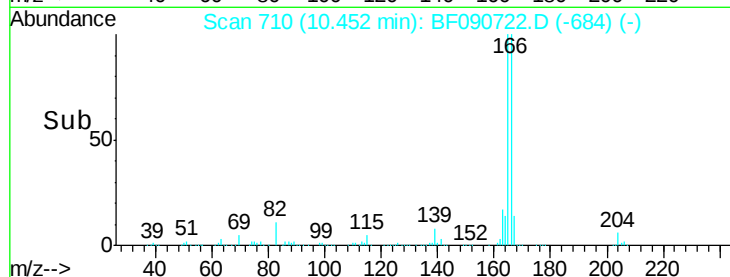
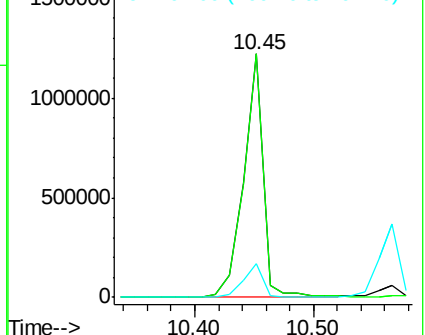
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.28 ng

RT: 10.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Tgt Ion:232 Resp: 328432

Ion Ratio Lower Upper

232 100

131 54.4 38.5 57.7

130 2.5 1.8 2.6

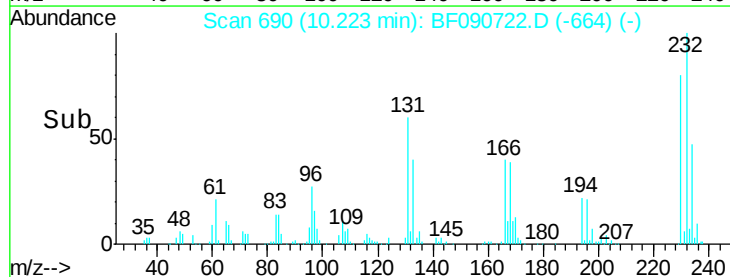
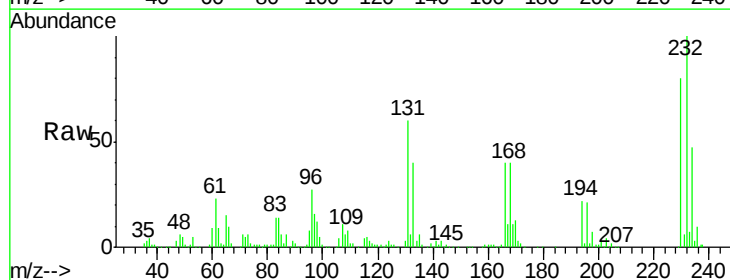
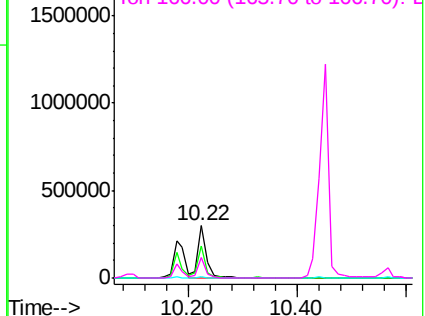
166 33.9 25.0 37.6

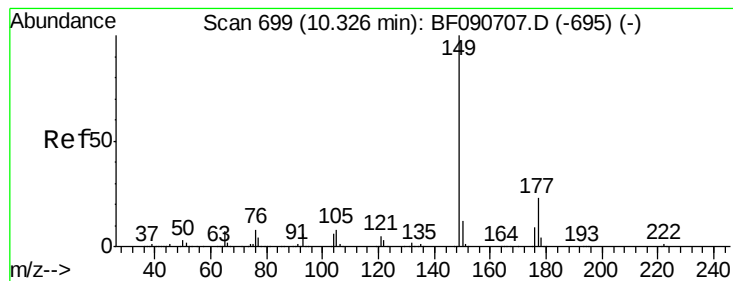
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.99 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

Tot Ion:149 Resp: 1473982

Ion Ratio Lower Upper

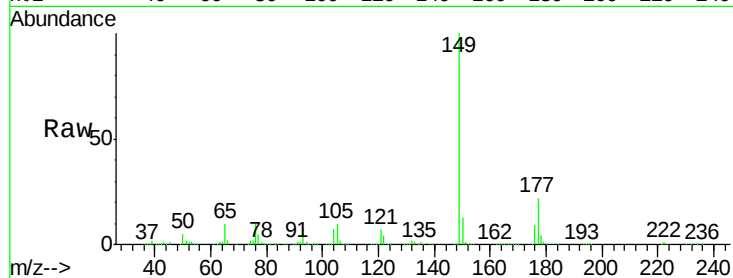
149 100

177 21.5 17.5 26.3

150 13.0 9.4 14.2

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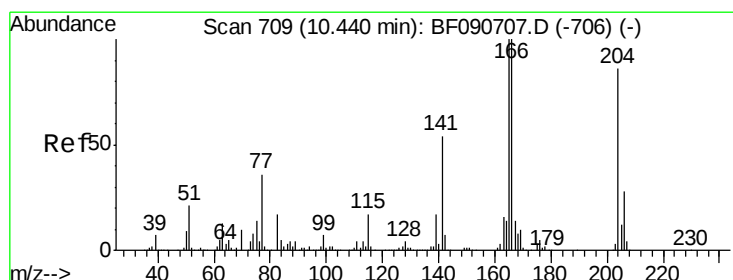
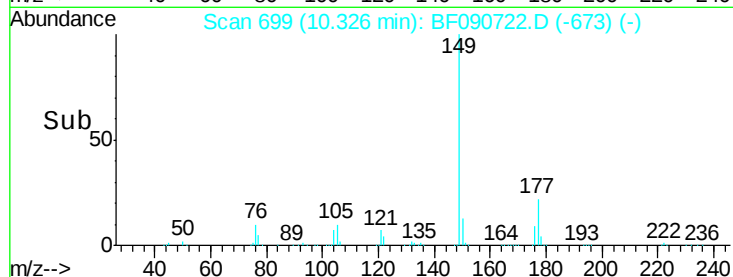
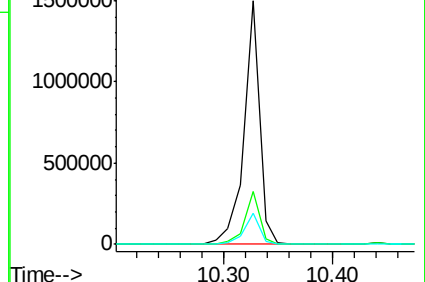
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.66 ng

RT: 10.44 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

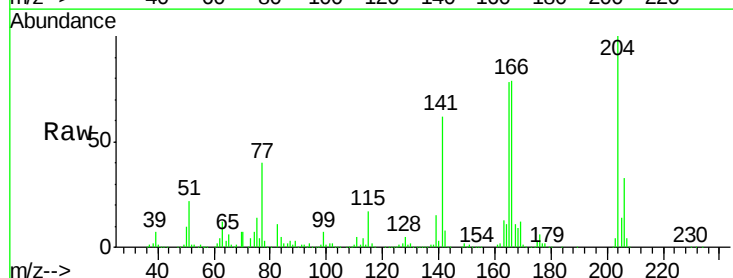
Tgt Ion:204 Resp: 674378

Ion Ratio Lower Upper

204 100

206 33.3 24.8 37.2

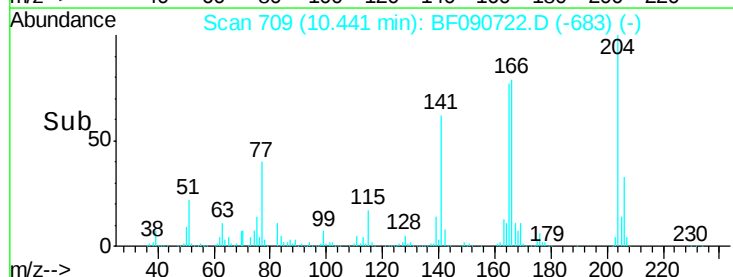
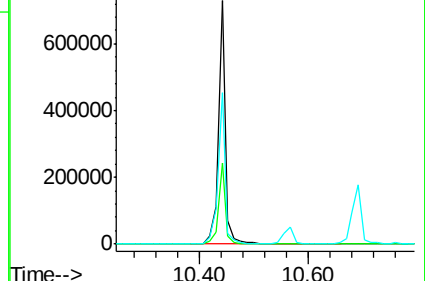
141 62.1 42.2 63.4

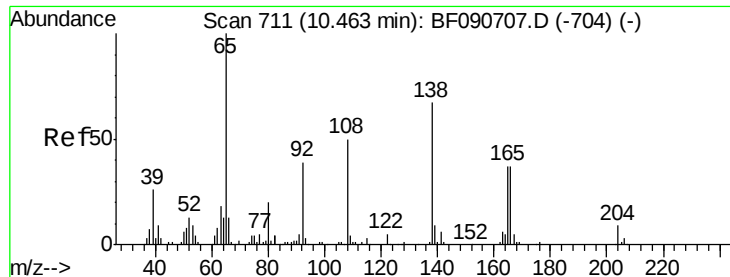


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





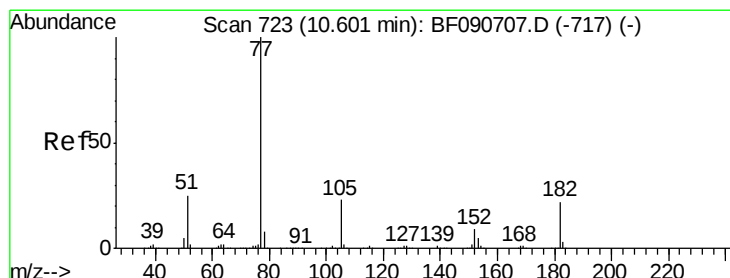
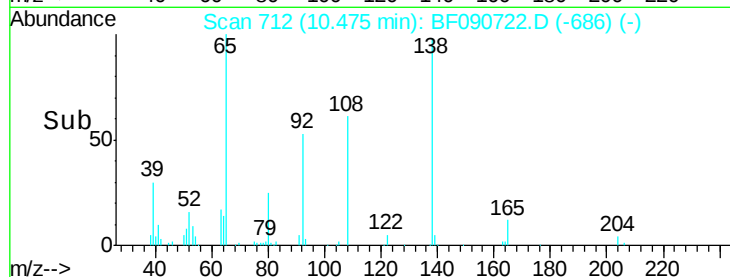
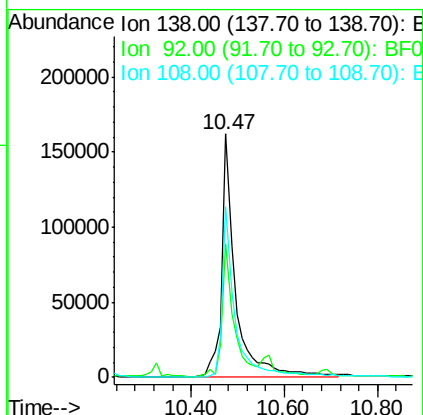
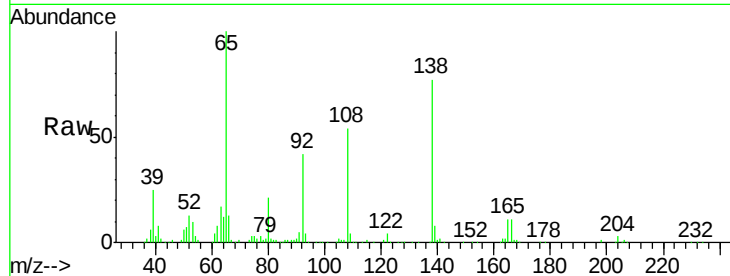
#61
4-Nitroaniline
Concen: 33.91 ng
RT: 10.47 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.1	12.6	52.6#	
108	70.2	12.4	52.4#	

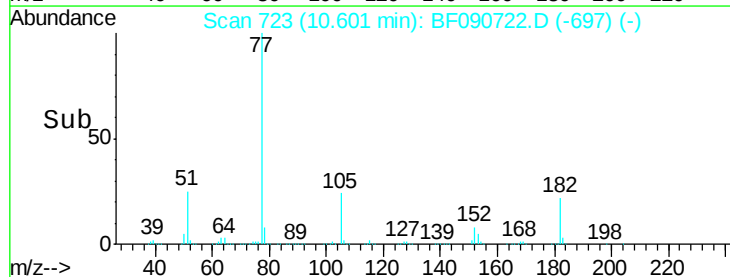
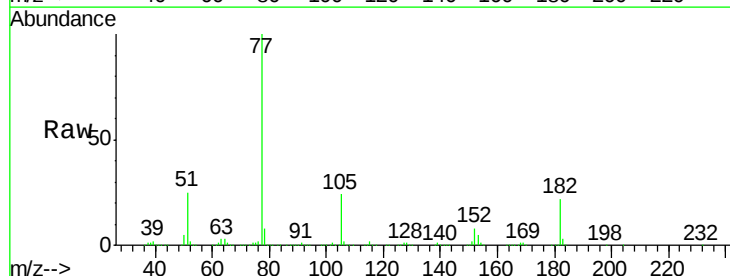
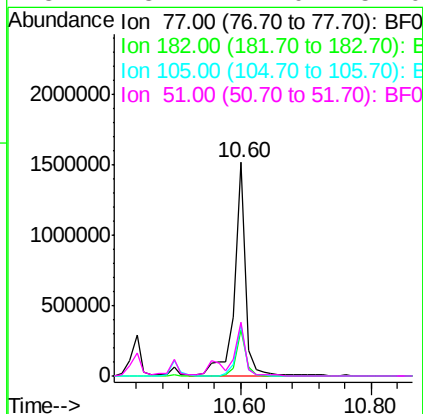
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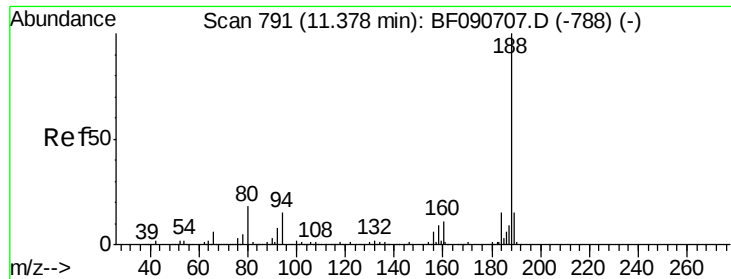
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#62
Azobenzene
Concen: 37.16 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	21.5	15.1	55.1	
105	24.2	3.4	43.4	
51	25.4	12.0	52.0	





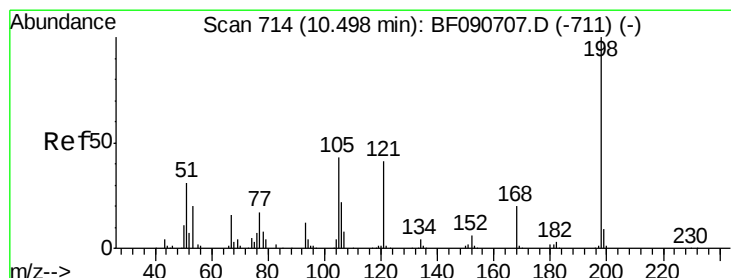
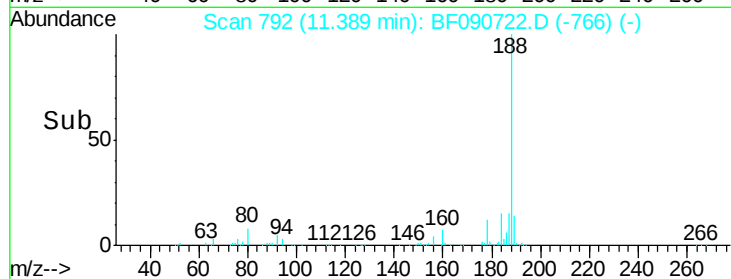
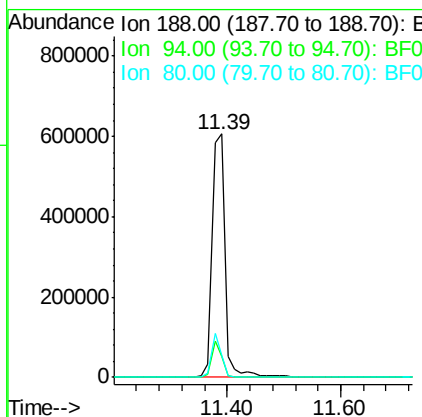
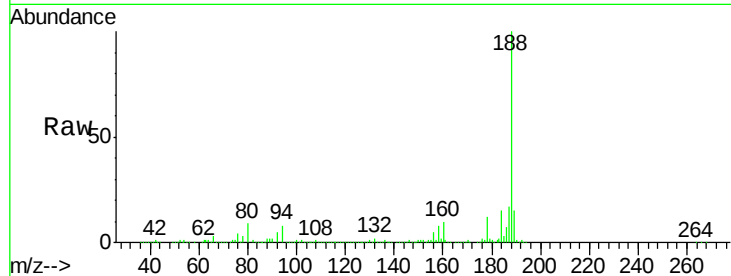
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	937556		
94	8.5		11.1	16.7#
80	8.9		11.0	16.4#

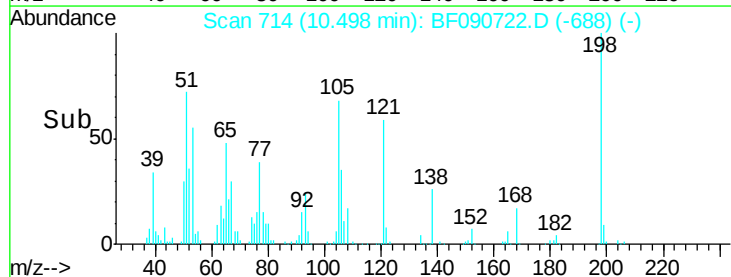
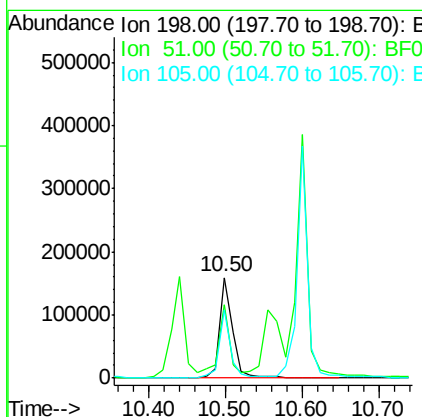
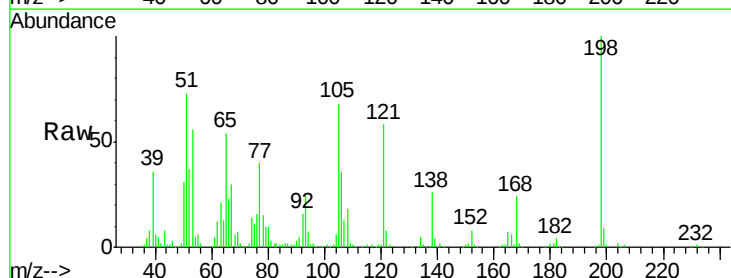
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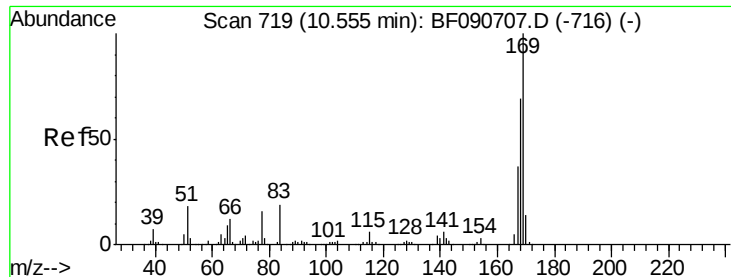
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.32 ng
RT: 10.50 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	191005		
51	72.8		39.6	79.6
105	67.8		28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 39.74 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

Tot Ion:169 Resp: 1193649

Ion Ratio Lower Upper

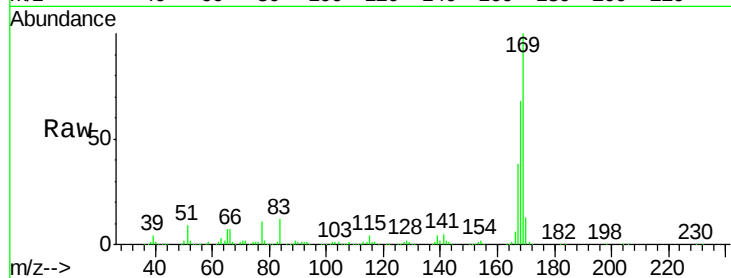
169 100

168 68.4 48.9 73.3

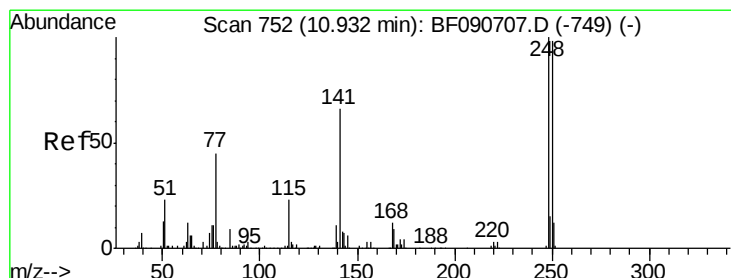
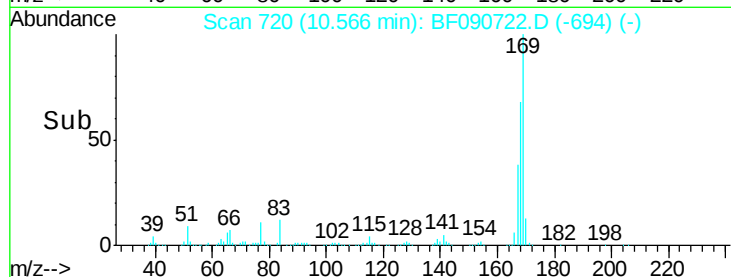
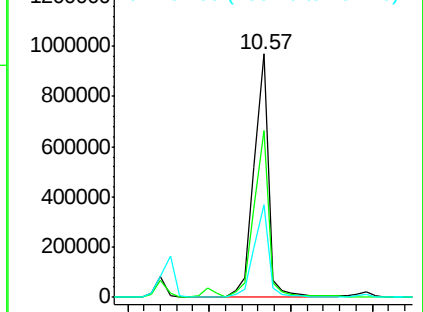
167 38.1 26.2 39.4

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.32 ng

RT: 10.93 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

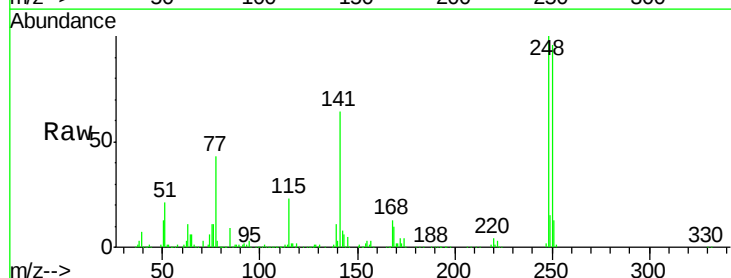
Tgt Ion:248 Resp: 393697

Ion Ratio Lower Upper

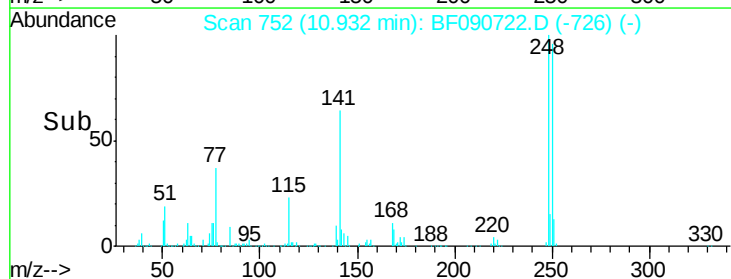
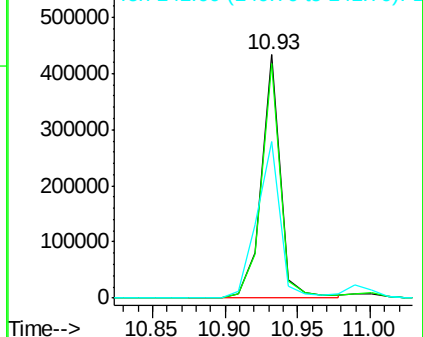
248 100

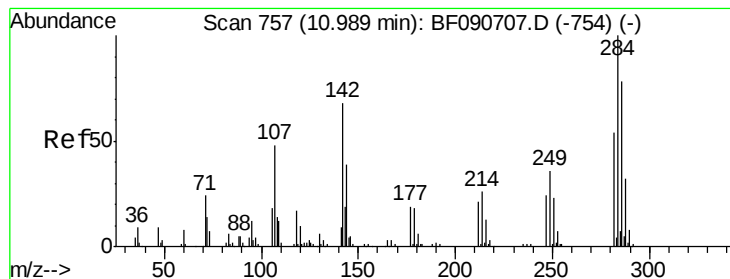
250 96.4 78.5 117.7

141 64.2 59.0 88.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.52 ng

RT: 11.00 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

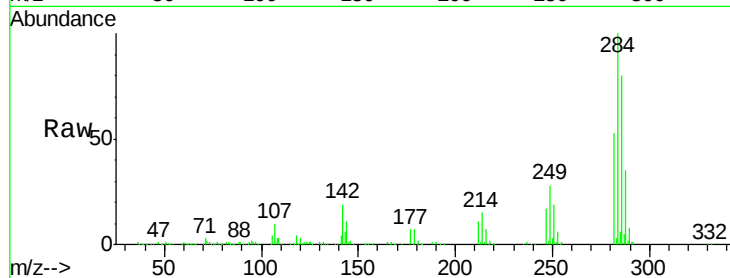
ClientSampleId :

PB94239BS

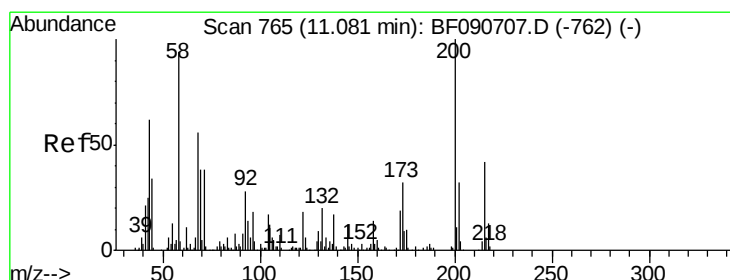
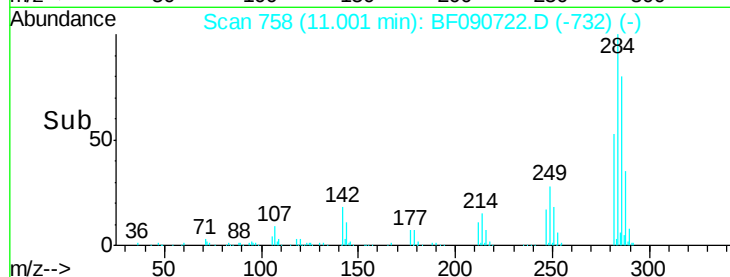
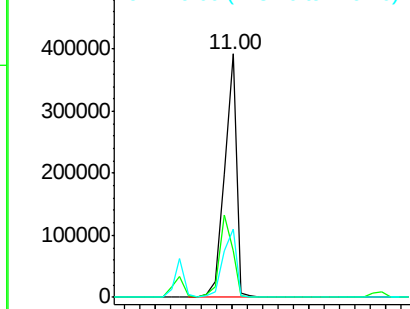
Tot Ion	Ratio	Resp	Lower	Upper
284	100	434609		
142	19.2	29.5	44.3#	
249	28.1	19.5	29.3	

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.16 ng

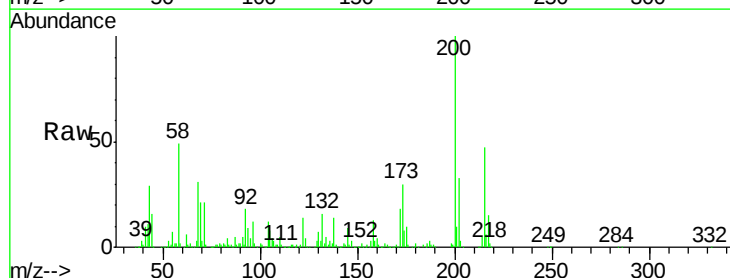
RT: 11.09 min Scan# 766

Delta R.T. 0.00 min

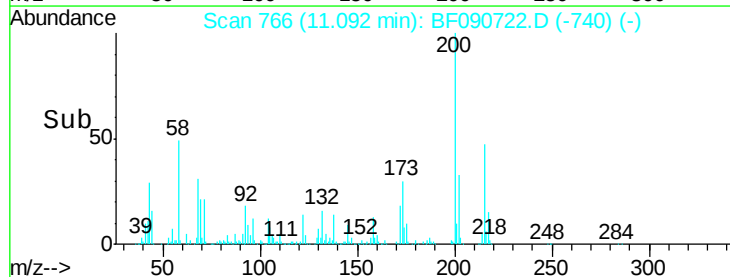
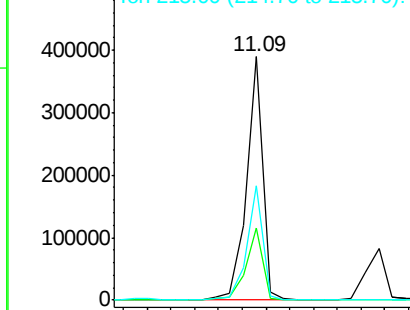
Lab File: BF090722.D

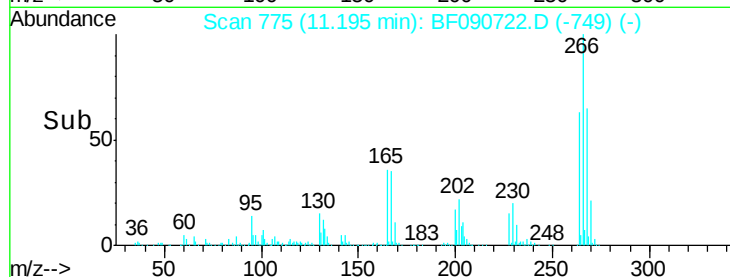
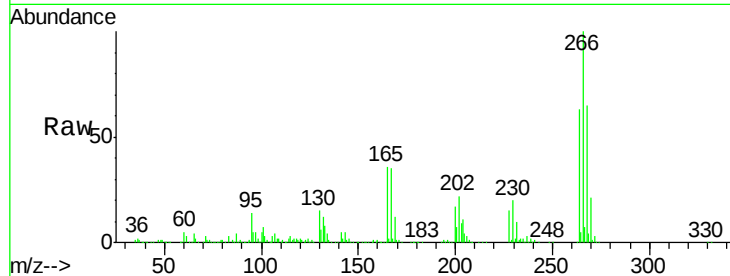
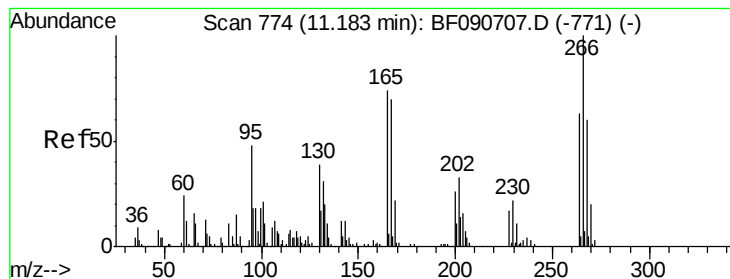
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	374426		
173	29.8	13.2	53.2	
215	47.1	41.8	81.8	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 74.76 ng

RT: 11.20 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Tot Ion:	266	Resp:	493334
Ion Ratio		Lower	Upper
266	100		
268	65.1	49.8	74.6
264	63.3	50.2	75.2

Instrument :

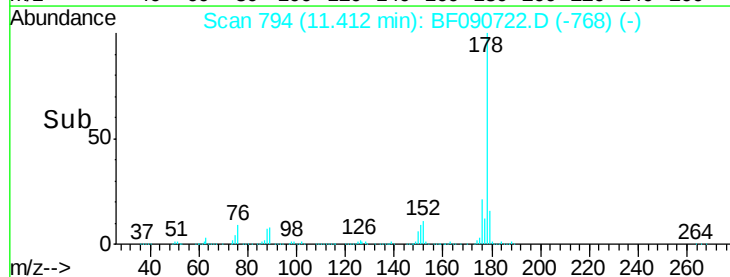
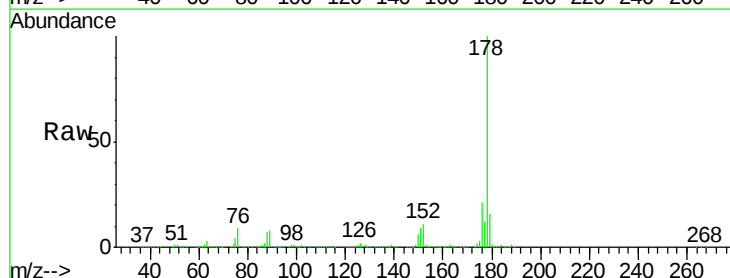
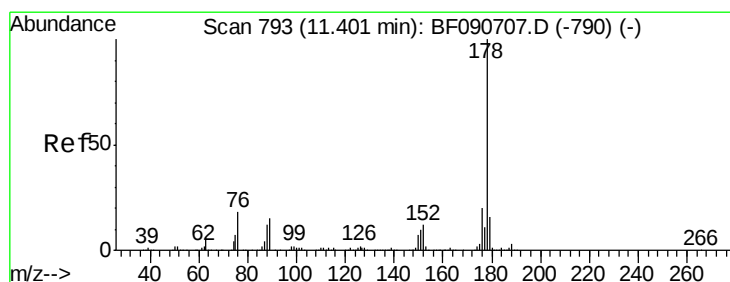
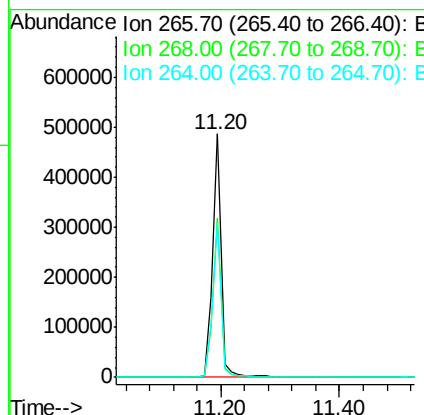
BNA_F

ClientSampleId :

PB94239BS

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#70

Phenanthrene

Concen: 40.11 ng m

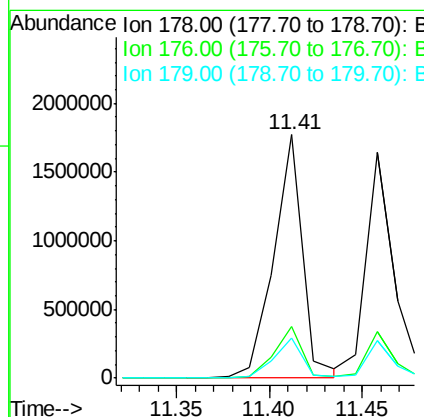
RT: 11.41 min Scan# 794

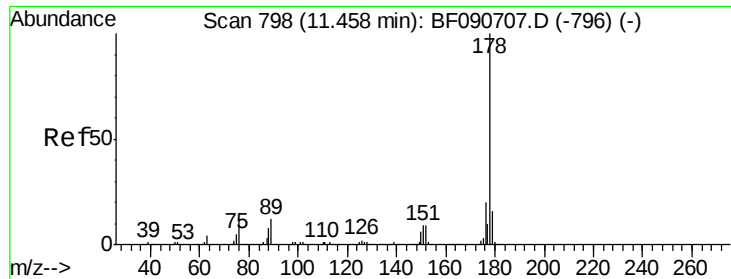
Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Tgt Ion:	178	Resp:	1916683
Ion Ratio		Lower	Upper
178	100		
176	21.1	13.8	20.8#
179	16.3	12.2	18.2





#71

Anthracene

Concen: 34.25 ng

RT: 11.46 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

Tot Ion:178 Resp: 1815306

Ion Ratio Lower Upper

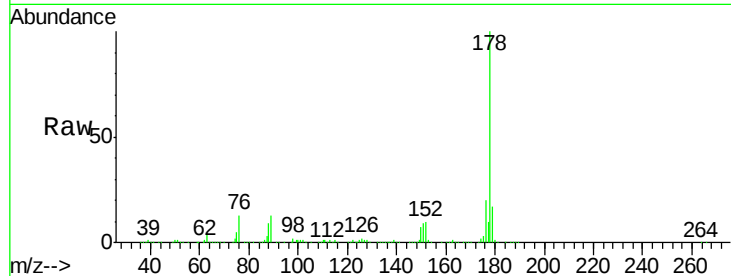
178 100

176 20.3 14.1 21.1

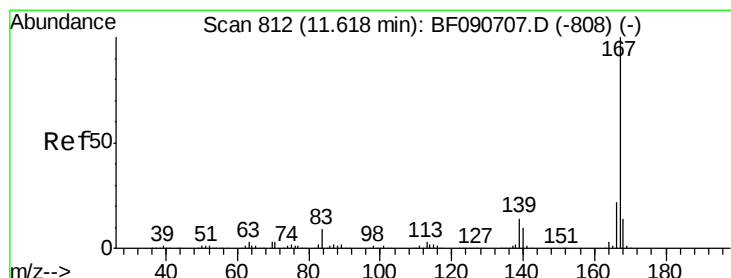
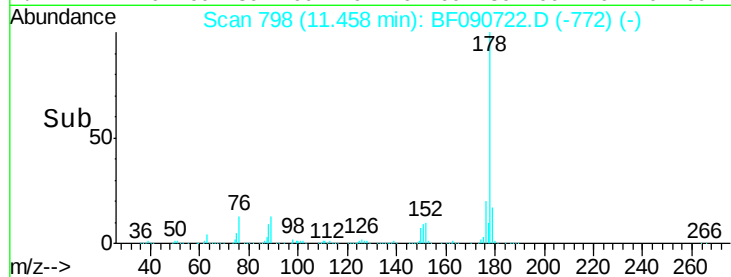
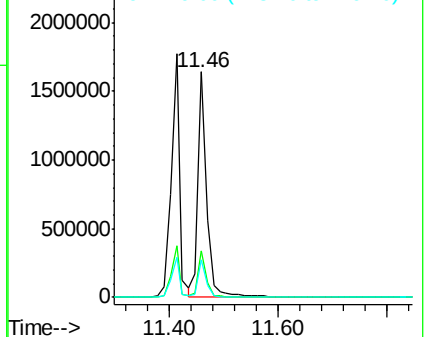
179 16.7 12.2 18.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.24 ng

RT: 11.62 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

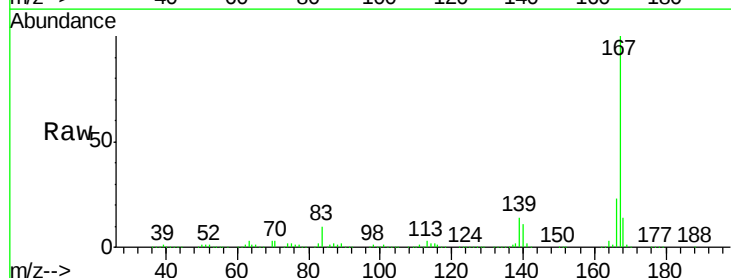
Tgt Ion:167 Resp: 1738887

Ion Ratio Lower Upper

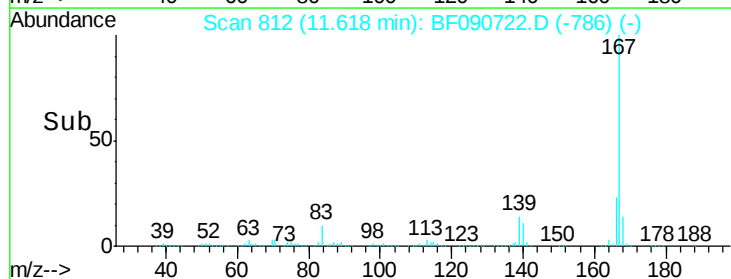
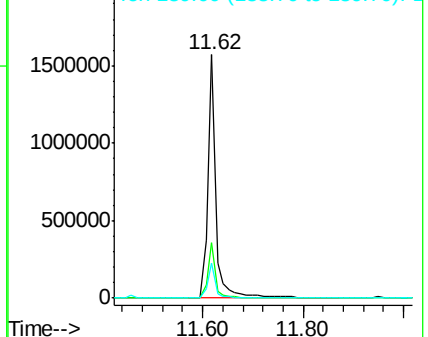
167 100

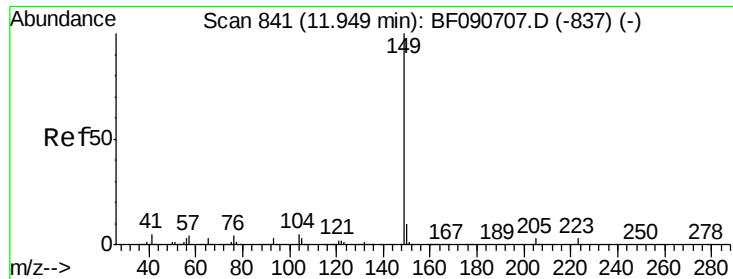
166 22.8 15.7 23.5

139 14.4 9.5 14.3#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.91 ng

RT: 11.95 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

Tot Ion:149 Resp: 2236265

Ion Ratio Lower Upper

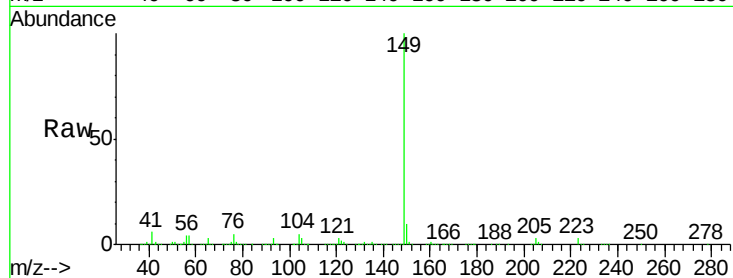
149 100

150 10.3 7.4 11.2

104 5.2 2.4 3.6#

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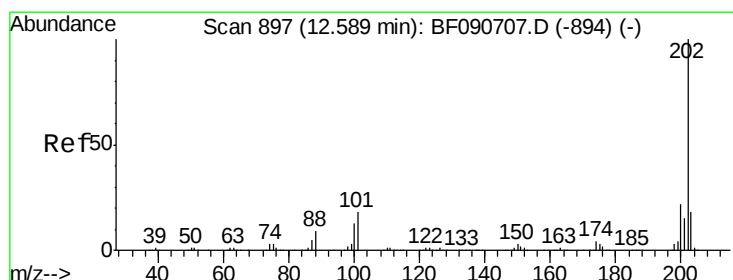
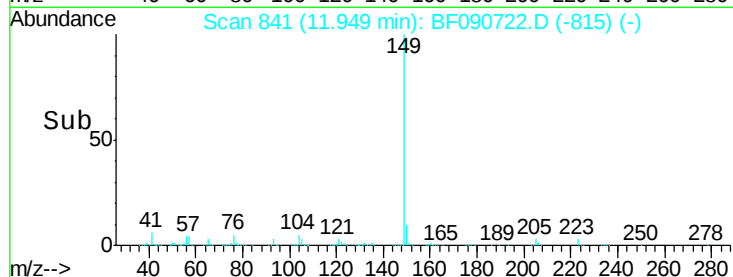
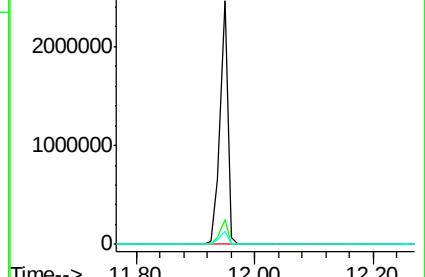
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.24 ng

RT: 12.59 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

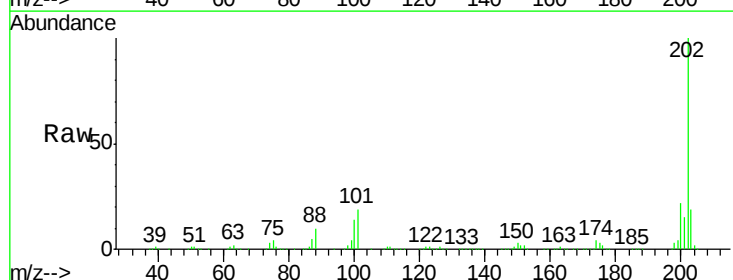
Tgt Ion:202 Resp: 1675515

Ion Ratio Lower Upper

202 100

101 19.4 0.0 38.3

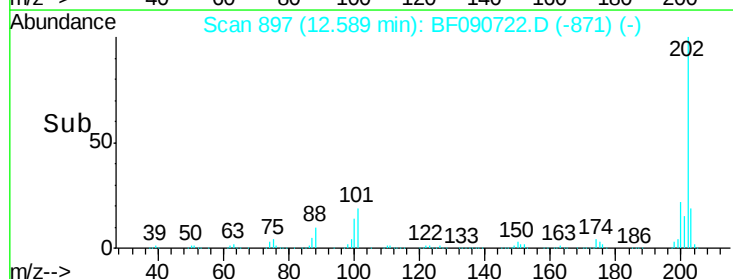
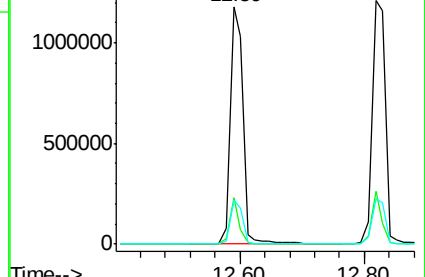
203 18.7 0.0 37.3

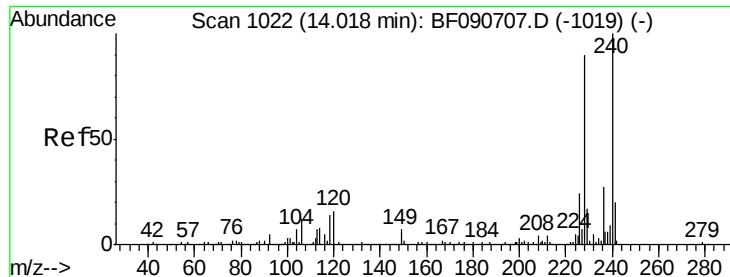


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

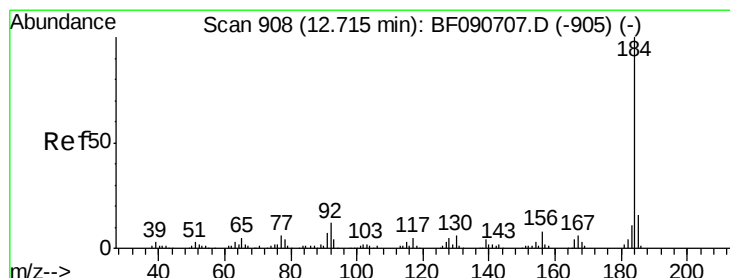
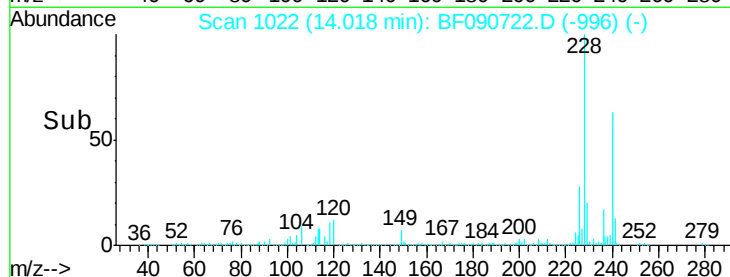
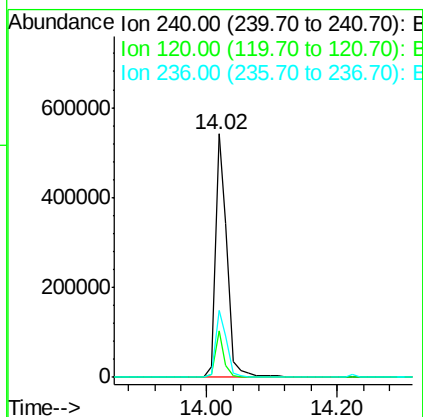
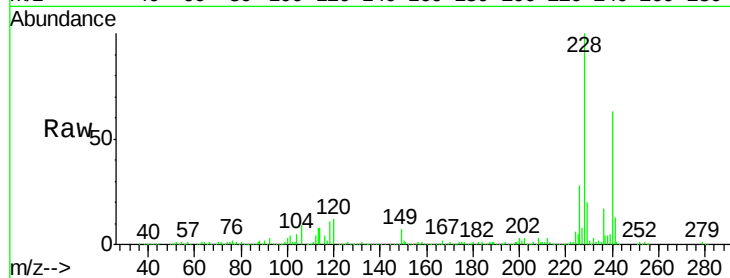
ClientSampleId :

PB94239BS

Tot Ion:	240	Resp:	682267
Ion Ratio	Lower	Upper	
240	100		
120	19.0	16.2	24.2
236	27.3	18.4	27.6

Manual Integrations
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#76

Benzidine

Concen: 34.25 ng

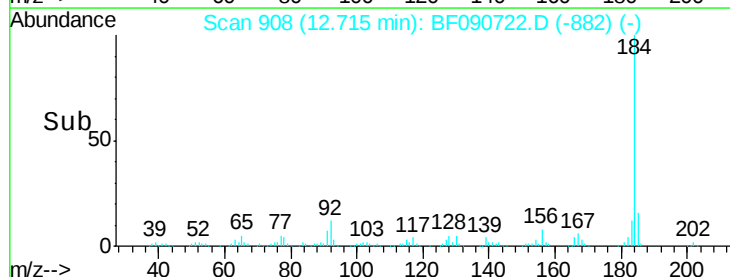
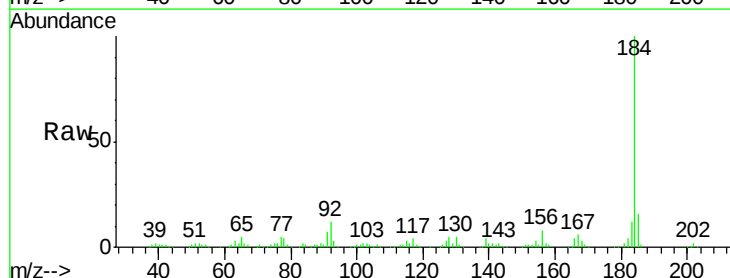
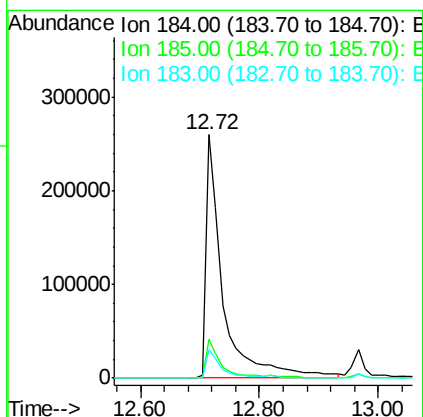
RT: 12.72 min Scan# 908

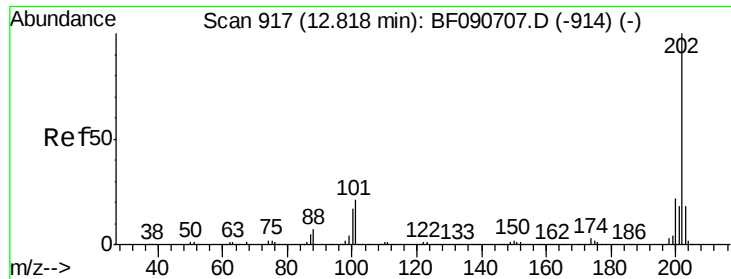
Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Tgt Ion:	184	Resp:	518884
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.8	17.6
183	11.8	7.6	11.4#





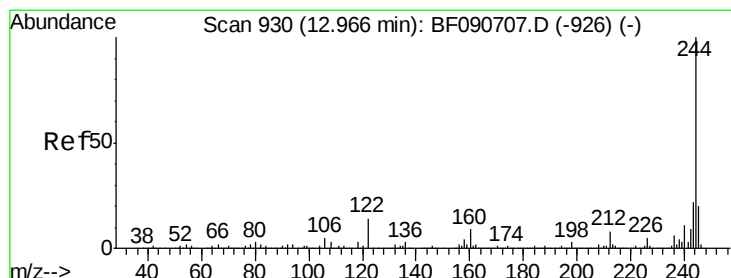
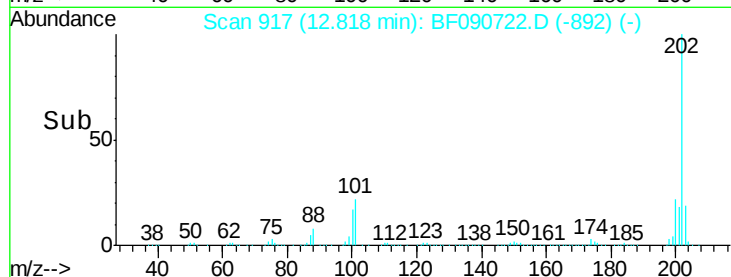
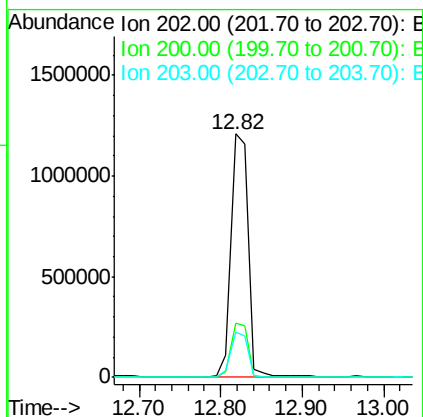
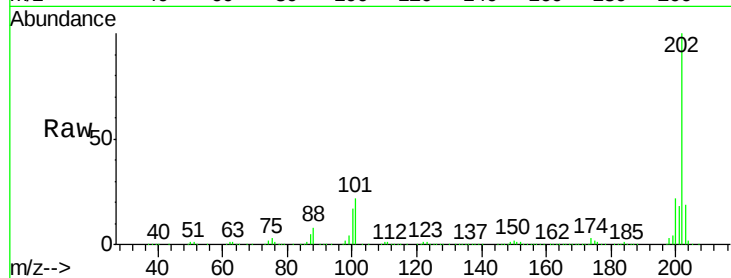
#77
Pvrene
Concen: 36.85 ng
RT: 12.82 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	15.0	22.4
203	18.8	14.1	21.1

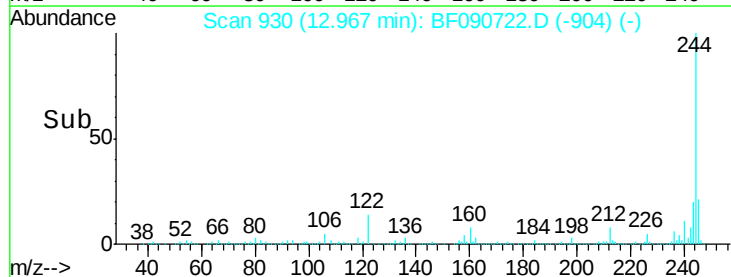
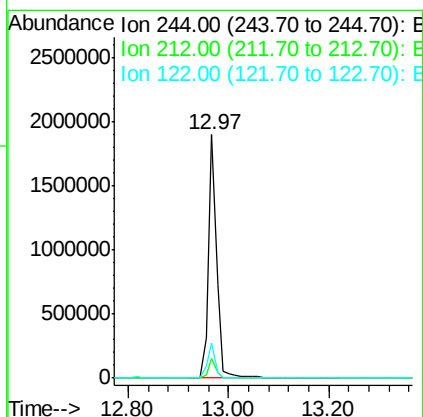
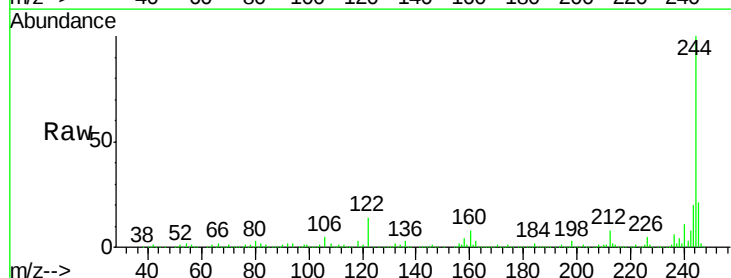
Manual Integrations
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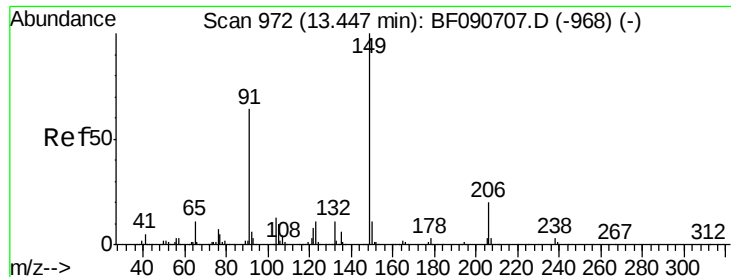
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#78
Terphenyl-d14
Concen: 72.67 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	14.3	17.4	26.2#





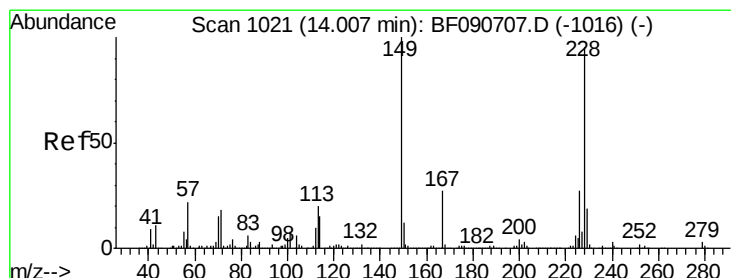
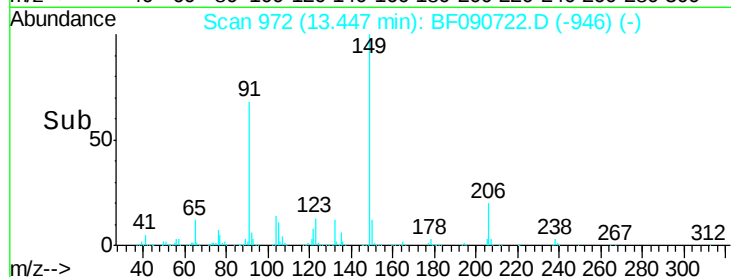
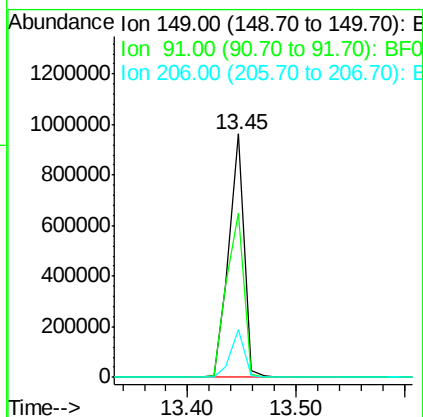
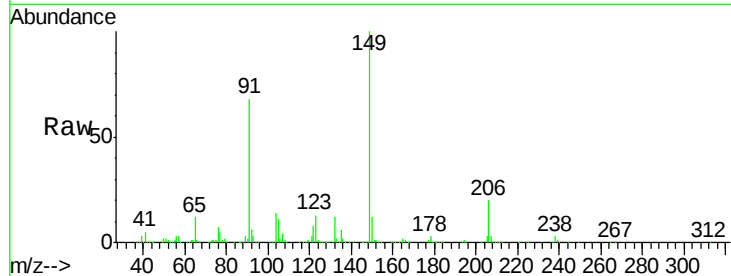
#79
Butylbenzylphthalate
Concen: 43.13 ng
RT: 13.45 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.6	48.6	72.8
206	19.7	14.9	22.3

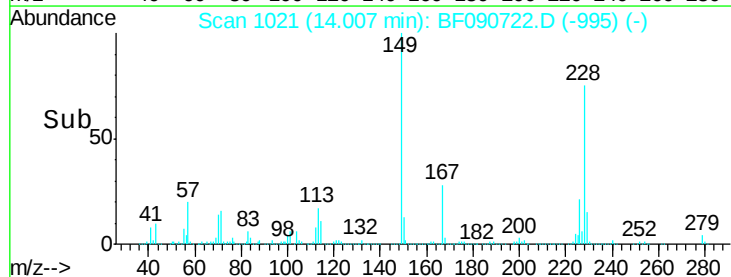
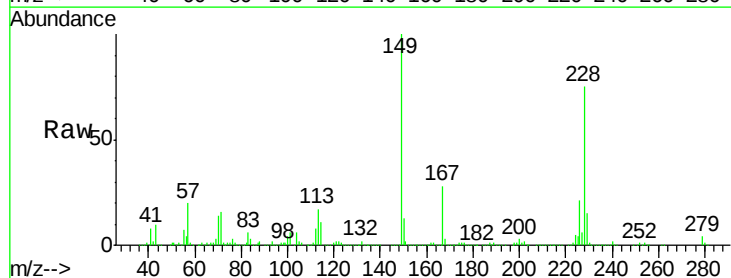
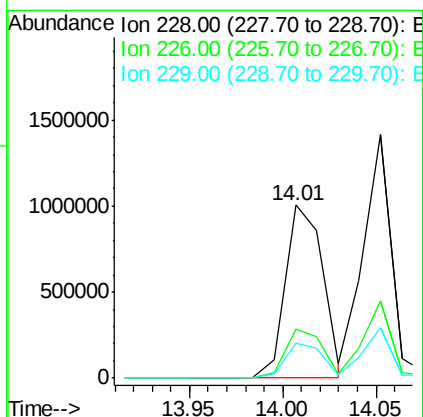
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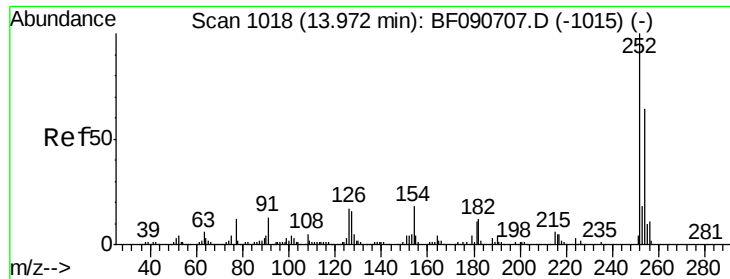
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#80
Benzo(a)anthracene
Concen: 37.87 ng
RT: 14.01 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	20.0	30.0
229	20.6	15.4	23.2





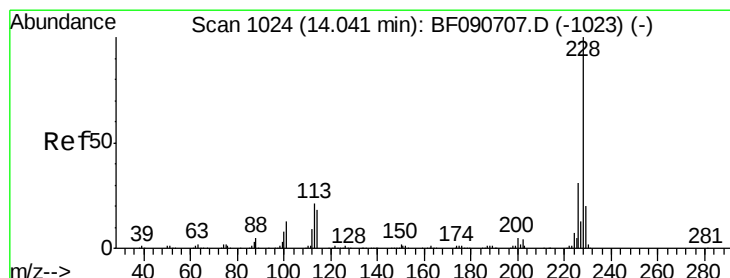
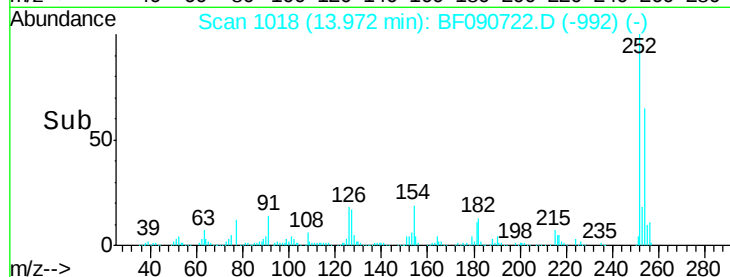
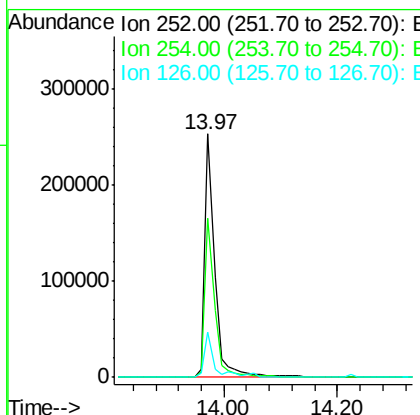
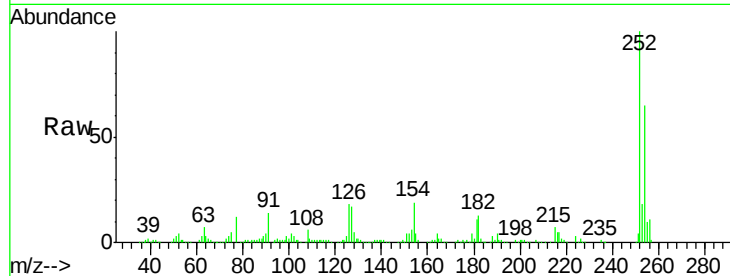
#81
 3,3'-Dichlorobenzidine
 Concen: 23.06 ng
 RT: 13.97 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	298321		
254	65.4		51.4	77.2
126	18.3		16.4	24.6

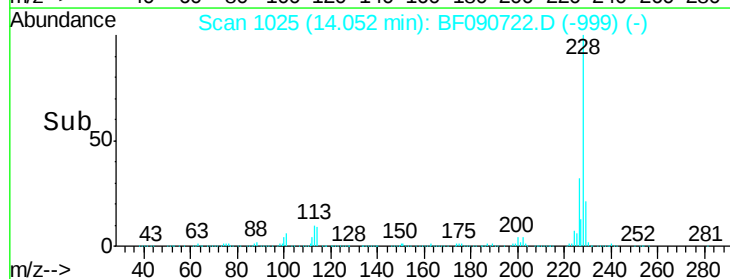
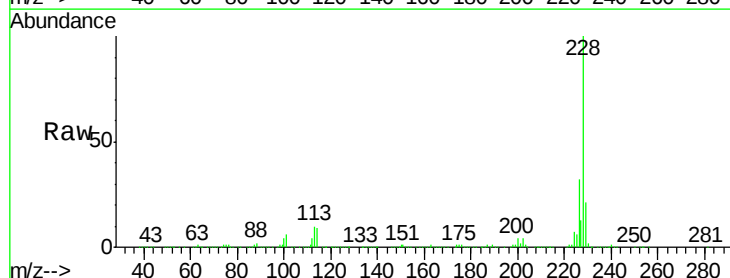
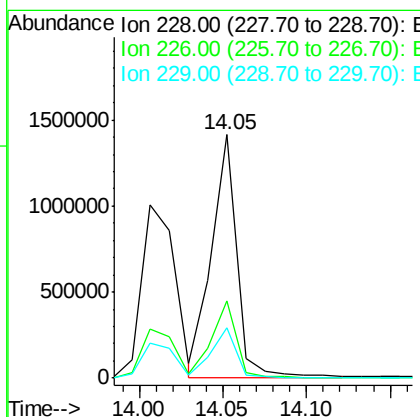
Manual Integrations
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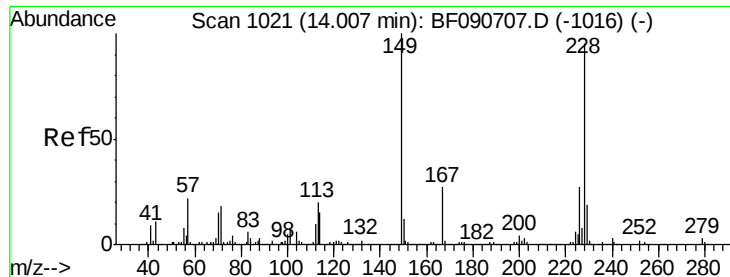
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#82
 Chrysene
 Concen: 41.55 ng m
 RT: 14.05 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1514275		
226	31.9		21.0	31.4#
229	20.6		15.6	23.4





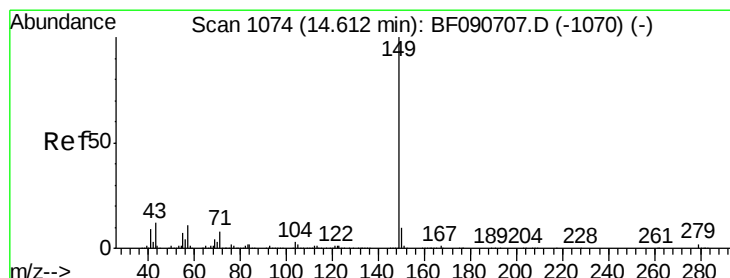
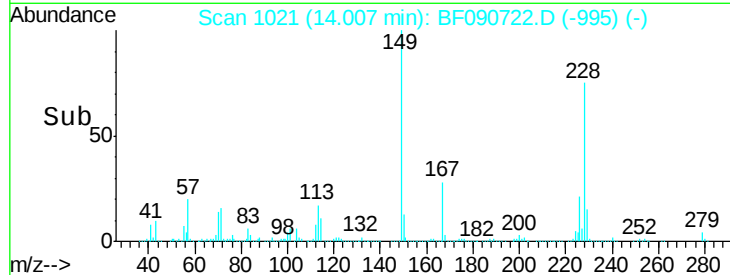
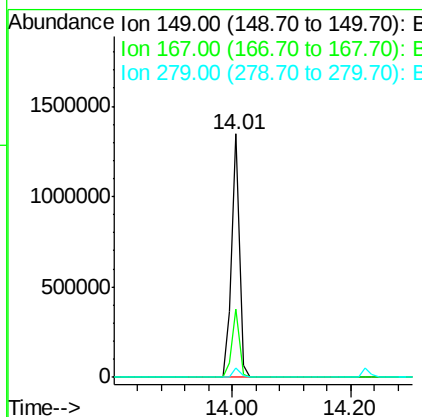
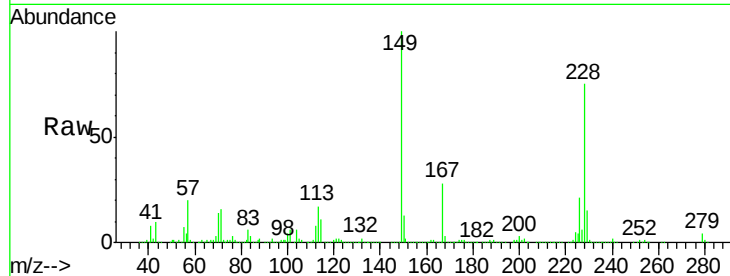
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.42 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	24.2	36.2
279	3.6	3.8	5.6#

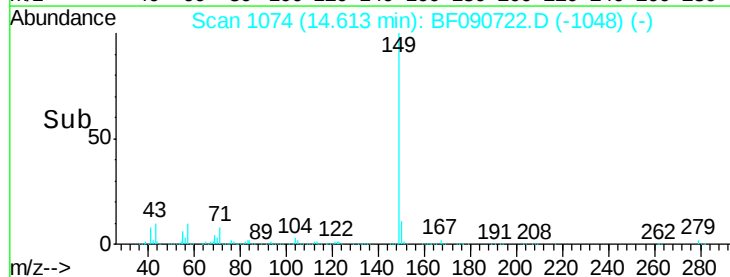
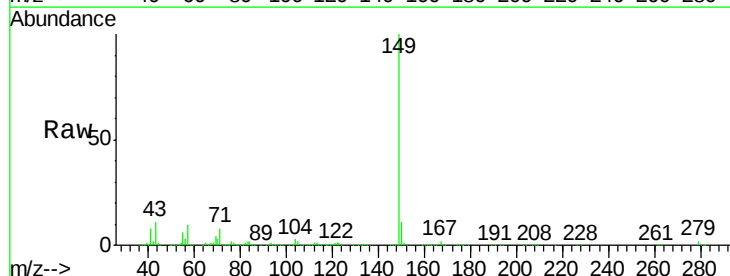
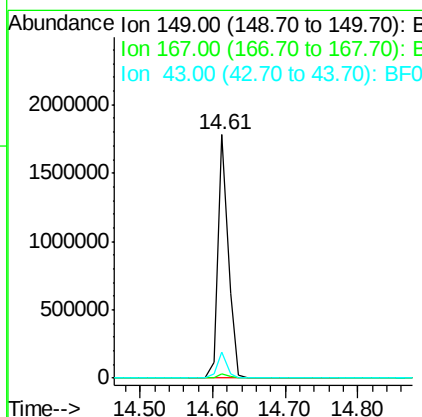
Manual Integrations
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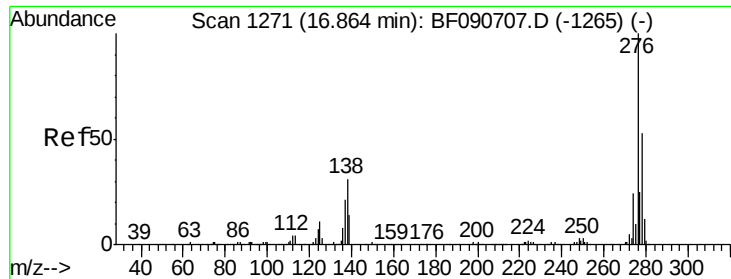
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#84
 Di-n-octyl phthalate
 Concen: 37.04 ng
 RT: 14.61 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.0	1.6#
43	9.8	10.2	15.2#





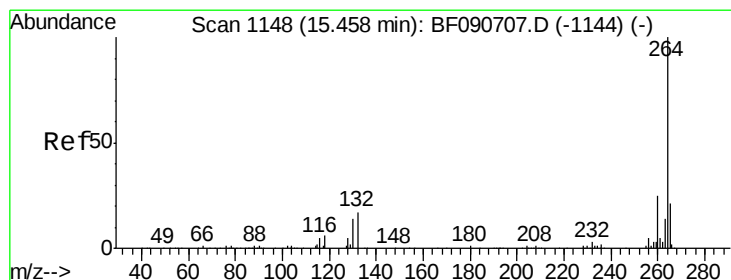
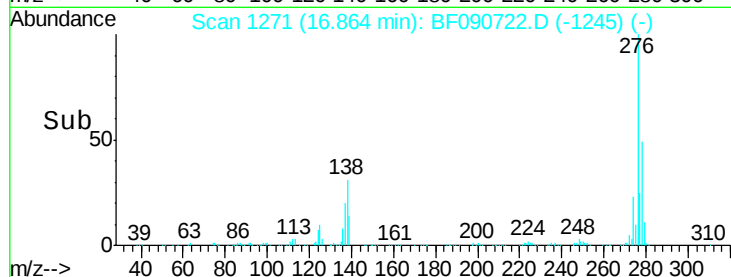
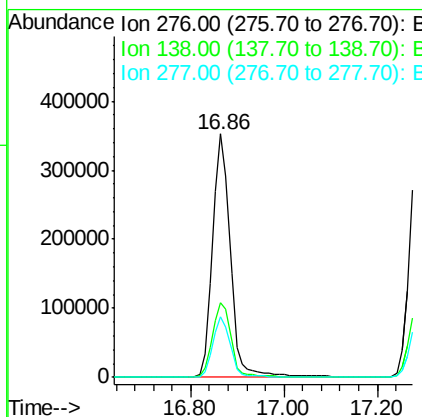
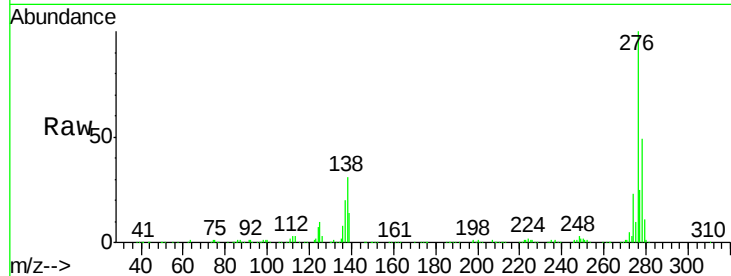
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.67 ng
 RT: 16.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.7	38.5
277	24.9	15.6	23.4

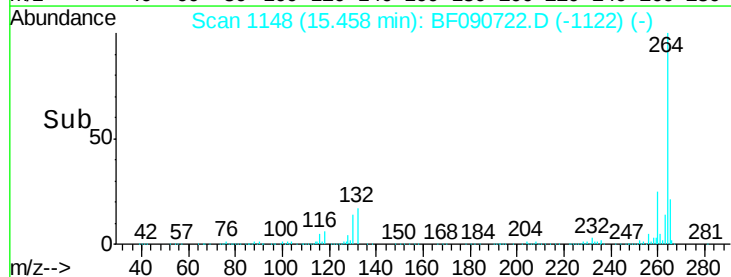
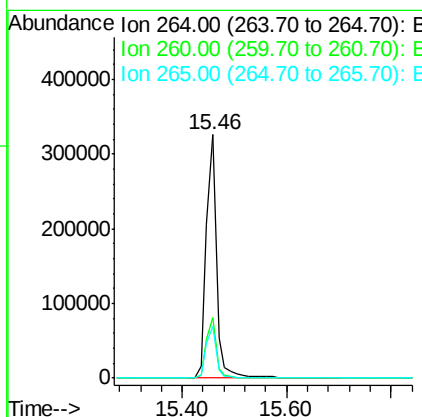
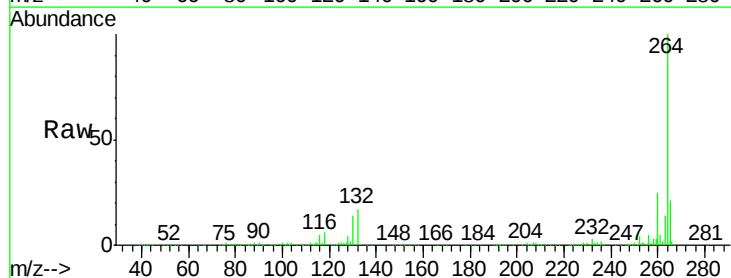
Manual Integrations
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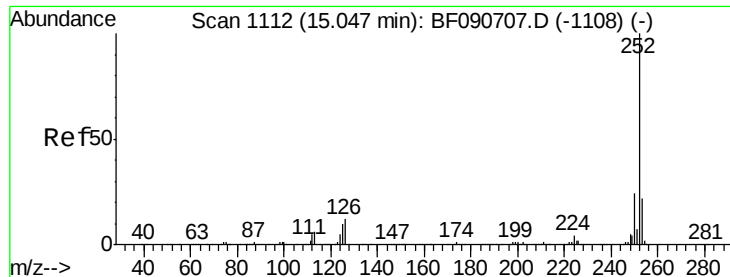
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.41 ng

RT: 15.05 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

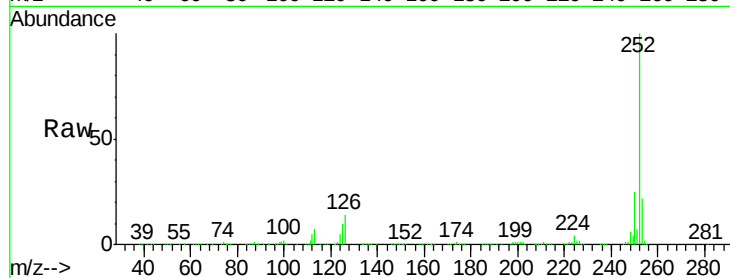
ClientSampleId :

PB94239BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.5	17.1	25.7

Manual Integrations
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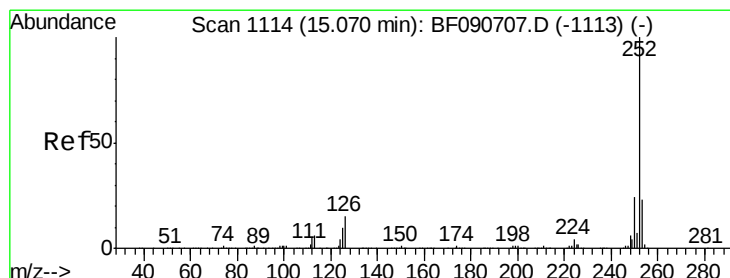
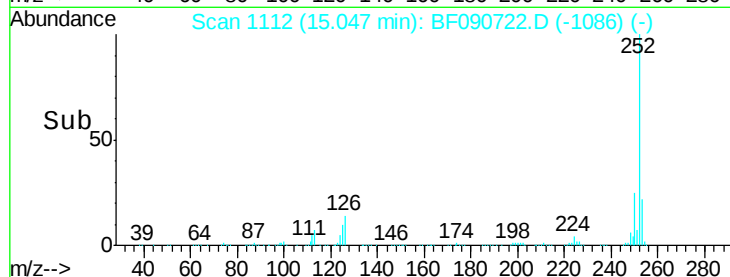
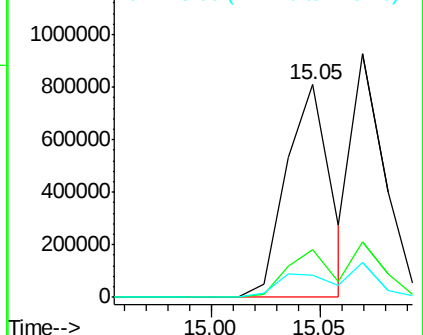


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.85 ng m

RT: 15.07 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

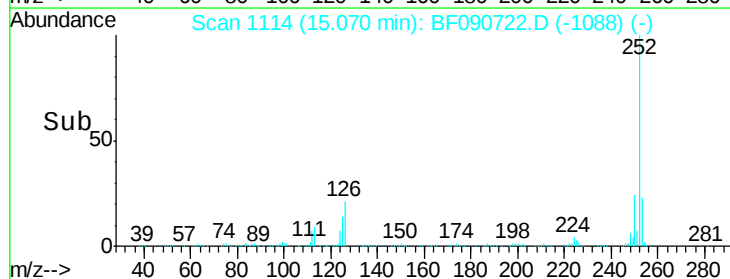
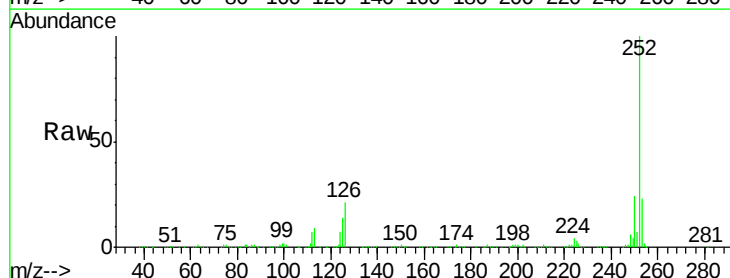
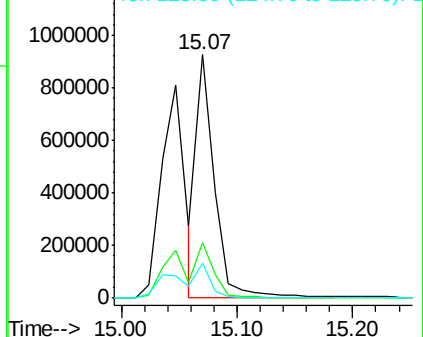
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.4
125	14.5	16.0	24.0

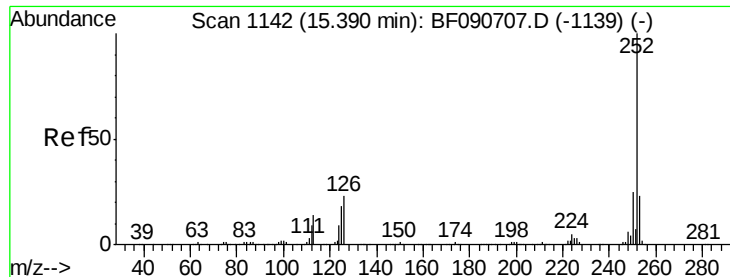
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





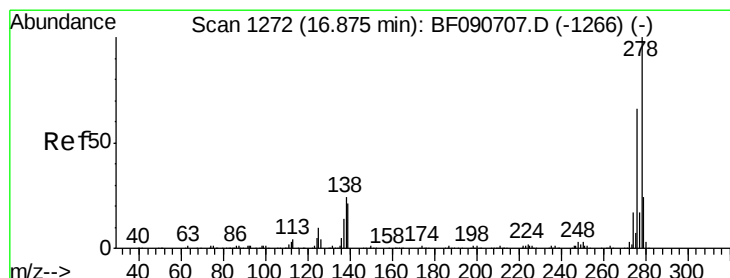
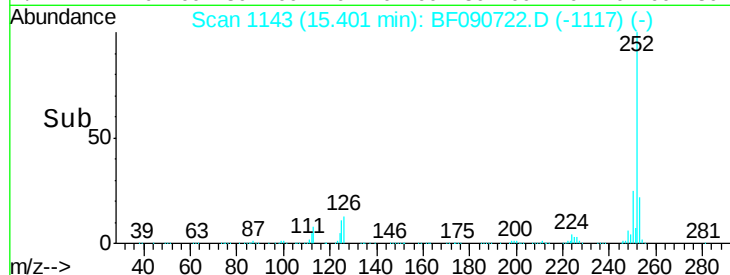
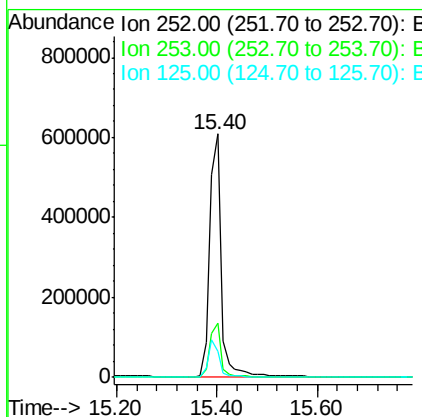
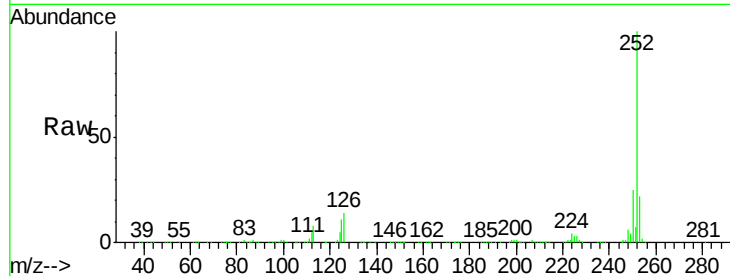
#89
Benzo(a)pyrene
Concen: 37.10 ng
RT: 15.40 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.7	18.0	27.0

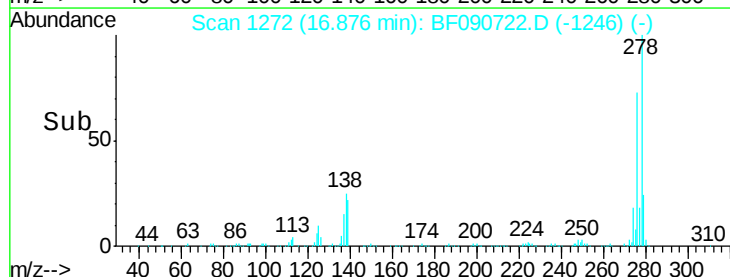
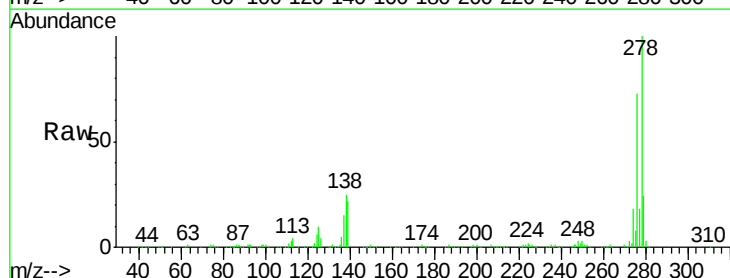
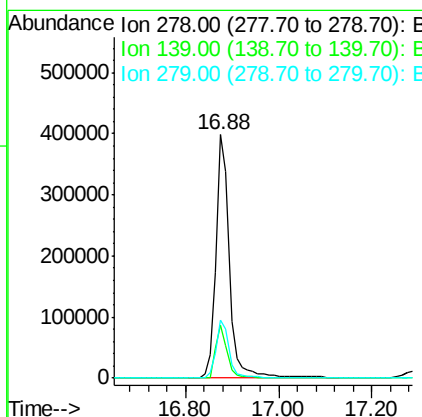
Manual Integrations
APPROVED

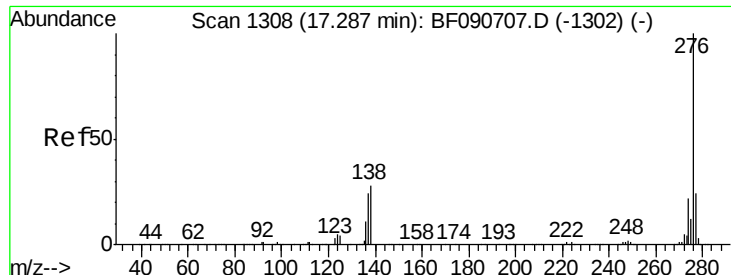
sohil
10/24/2016 3:52:13 PM



#90
Dibenzo(a,h)anthracene
Concen: 32.54 ng
RT: 16.88 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	26.3	39.5
279	24.0	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 32.75 ng
 RT: 17.29 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.8	26.6
138	27.1	34.6	51.8

Manual Integrations
 APPROVED

sohil
 10/24/2016 3:52:13 PM

