

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
 Data File : BF090821.D
 Acq On : 25 Oct 2016 21:34
 Operator : UM/SJ
 Sample : H5394-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-NORTHMSD

Manual Integrations
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Quant Time: Oct 26 01:18:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 18:56:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	195699	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	787585	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	455330	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	748968	20.00	ng	0.01
75) Chrysene-d12	13.97	240	488788	20.00	ng	0.01
86) Perylene-d12	15.38	264	405570	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1842365	151.83	ng	0.02
7) Phenol-d6	6.45	99	2189372	133.20	ng	0.01
23) Nitrobenzene-d5	7.37	82	1296244	90.27	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	754902	209.47	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2492575	84.98	ng	0.00
78) Terphenyl-d14	12.92	244	2690774	126.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	263814	37.57	ng	# 77
3) Pyridine	3.13	79	662184	40.25	ng	# 71
4) n-Nitrosodimethylamine	3.09	42	240778	42.77	ng	# 53
6) Aniline	6.48	93	708410	38.01	ng	# 88
8) 2-Chlorophenol	6.59	128	701595	48.16	ng	# 98
9) Benzaldehyde	6.34	77	117701	13.10	ng	# 71
10) Phenol	6.46	94	905084	48.99	ng	# 55
11) bis(2-Chloroethyl)ether	6.54	93	714342	46.02	ng	# 89
12) 1,3-Dichlorobenzene	6.74	146	689954	47.15	ng	# 94
13) 1,4-Dichlorobenzene	6.82	146	730460	47.07	ng	# 94
14) 1,2-Dichlorobenzene	6.97	146	622326m	40.96	ng	# 94
15) Benzyl Alcohol	6.96	79	484000	43.35	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	7.08	45	614025	26.41	ng	# 48
17) 2-Methylphenol	7.07	107	527352	48.05	ng	# 84
18) Hexachloroethane	7.31	117	237662	37.72	ng	# 85
19) n-Nitroso-di-n-propylamine	7.23	70	416159	34.00	ng	# 68
20) 3+4-Methylphenols	7.23	107	638527	49.08	ng	# 86
22) Acetophenone	7.22	105	833273	47.48	ng	# 86
24) Nitrobenzene	7.39	77	610618	39.23	ng	# 74
25) Isophorone	7.63	82	1216922	44.77	ng	# 92
26) 2-Nitrophenol	7.71	139	386046	60.70	ng	# 93
27) 2,4-Dimethylphenol	7.76	122	624061	55.34	ng	# 85
28) bis(2-Chloroethoxy)methane	7.85	93	787203	52.94	ng	# 95
29) 2,4-Dichlorophenol	7.95	162	549494	59.38	ng	# 94
30) 1,2,4-Trichlorobenzene	8.03	180	602444	55.31	ng	# 98
31) Naphthalene	8.11	128	1854884	48.15	ng	# 96
32) Benzoic acid	7.88	122	218163	30.68	ng	# 72
33) 4-Chloroaniline	8.17	127	381258	26.68	ng	# 98
34) Hexachlorobutadiene	8.24	225	347405	56.73	ng	# 99
35) Caprolactam	8.56	113	170452m	64.49	ng	# 99
36) 4-Chloro-3-methylphenol	8.66	107	587992	54.63	ng	# 88
37) 2-Methylnaphthalene	8.81	142	1309961	58.18	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	577375	46.96	ng	# 99
40) Hexachlorocyclopentadiene	8.96	237	620964	107.58	ng	# 97

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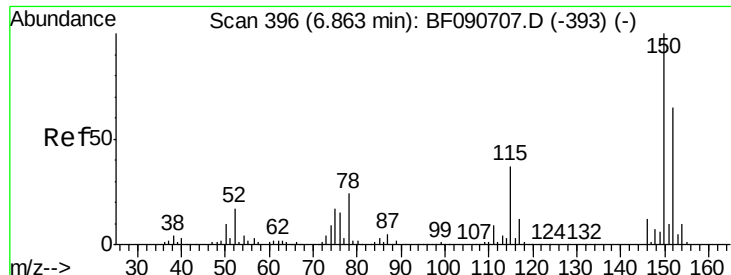
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Quant Time: Oct 26 01:18:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	410251	53.81	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	464558	60.04	nq #	93
45) 1,1'-Biphenyl	9.28	154	1559425	43.61	nq	92
46) 2-Chloronaphthalene	9.30	162	1270474	47.80	nq	97
47) 2-Nitroaniline	9.39	65	316232	35.85	nq #	80
48) Acenaphthylene	9.71	152	1866277	46.02	nq	95
49) Dimethylphthalate	9.58	163	1980500	69.22	nq #	98
50) 2,6-Dinitrotoluene	9.64	165	376956	61.27	nq	92
51) Acenaphthene	9.88	154	1162208	43.17	nq	88
52) 3-Nitroaniline	9.80	138	223661	31.62	nq #	59
53) 2,4-Dinitrophenol	9.92	184	338723	90.20	nq #	90
54) Dibenzofuran	10.05	168	1610224	49.38	nq #	86
55) 4-Nitrophenol	9.98	139	446729	101.12	nq #	71
56) 2,4-Dinitrotoluene	10.04	165	394684	52.48	nq #	84
57) Fluorene	10.40	166	1295210	47.92	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.18	232	388709	64.02	nq #	90
59) Diethylphthalate	10.28	149	1514823	51.05	nq	96
60) 4-Chlorophenyl-phenylether	10.38	204	616663	49.93	nq #	87
61) 4-Nitroaniline	10.43	138	330204	46.10	nq #	64
62) Azobenzene	10.54	77	1296593	37.31	nq	86
64) 4,6-Dinitro-2-methylphenol	10.45	198	232387	48.56	nq #	78
65) n-Nitrosodiphenylamine	10.51	169	1140922	47.55	nq	91
66) 4-Bromophenyl-phenylether	10.88	248	417477	57.50	nq	99
67) Hexachlorobenzene	10.94	284	531871	62.08	nq #	80
68) Atrazine	11.05	200	412323	62.26	nq	86
69) Pentachlorophenol	11.14	266	525147	91.86	nq	99
70) Phenanthrene	11.36	178	1895633m	49.66	nq	
71) Anthracene	11.40	178	2035160	48.07	nq	96
72) Carbazole	11.56	167	1694579	47.87	nq	93
73) Di-n-butylphthalate	11.89	149	2067015	45.02	nq #	97
74) Fluoranthene	12.55	202	2007849	54.37	nq	86
76) Benzidine	12.67	184	553832	51.03	nq #	98
77) Pyrene	12.77	202	2005297m	58.74	nq	
79) Butylbenzylphthalate	13.39	149	859186	54.75	nq #	86
80) Benzo(a)anthracene	13.96	228	1408340	52.65	nq	96
81) 3,3'-Dichlorobenzidine	13.93	252	378909	40.88	nq #	91
82) Chrysene	14.00	228	1494404m	57.24	nq	
83) Bis(2-ethylhexyl)phthalate	13.96	149	1199019	53.41	nq #	99
84) Di-n-octyl phthalate	14.57	149	1827970	53.65	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.76	276	1290159	56.65	nq #	93
87) Benzo(b)fluoranthene	14.98	252	1532810m	61.46	nq	
88) Benzo(k)fluoranthene	15.01	252	1034850m	41.29	nq	
89) Benzo(a)pyrene	15.33	252	1227151	52.45	nq #	86
90) Dibenzo(a,h)anthracene	16.79	278	1104306	49.16	nq #	80
91) Benzo(g,h,i)perylene	17.17	276	1048102	48.10	nq #	80

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



#1

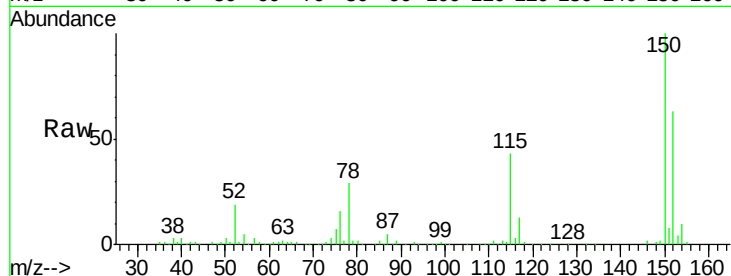
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

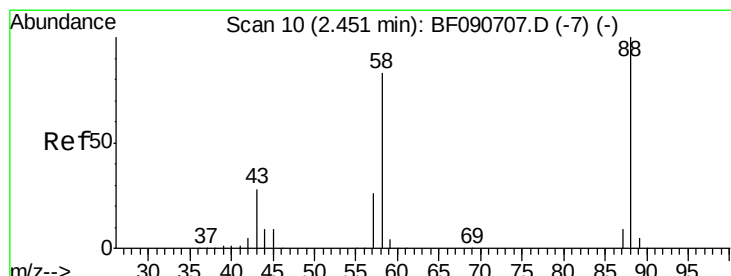
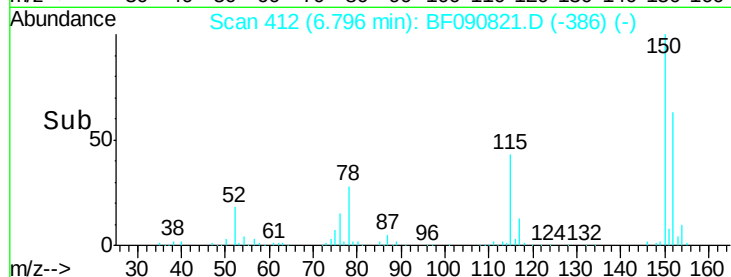
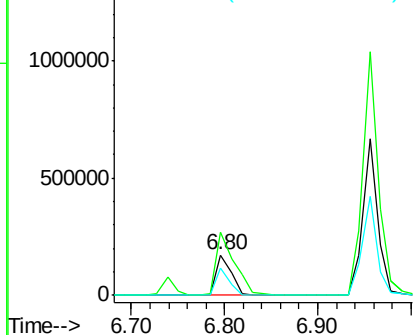
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.7	187.1
115	67.5	39.0	58.4

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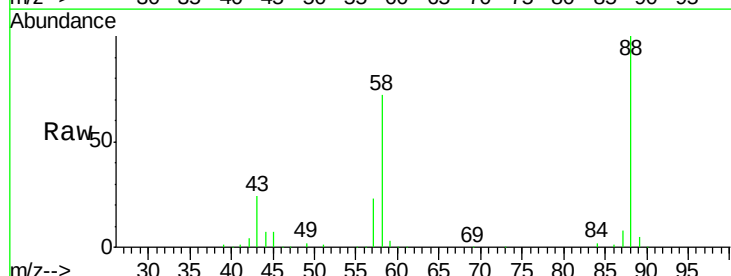
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



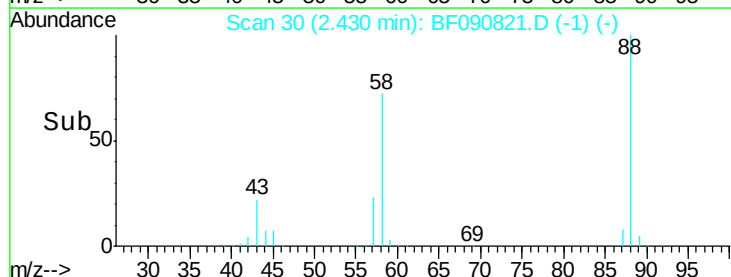
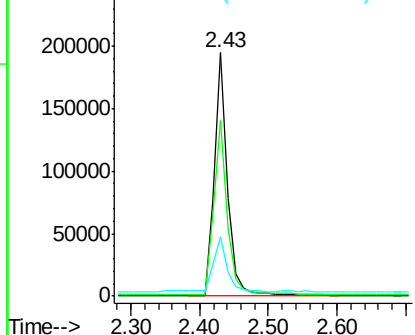
#2

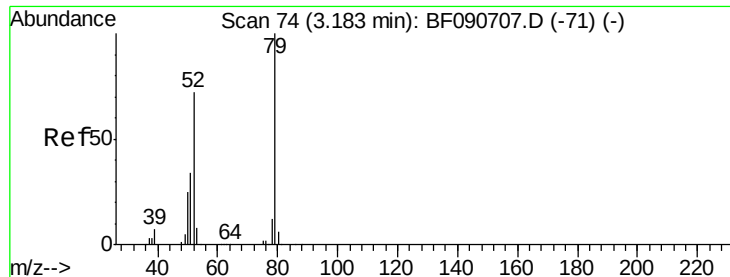
1,4-Dioxane
Concen: 37.57 ng
RT: 2.43 min Scan# 30
Delta R.T. 0.08 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	77.7	116.5
43	23.8	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: 40.25 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

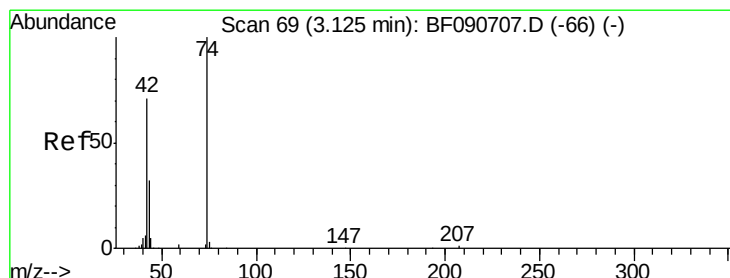
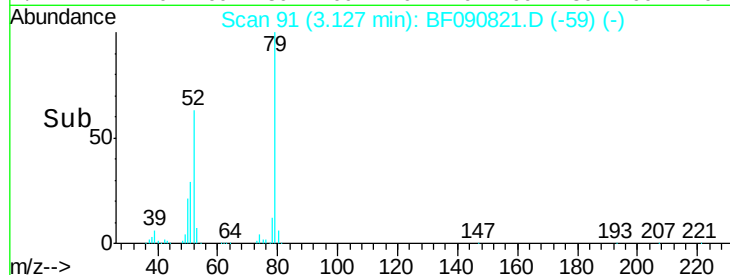
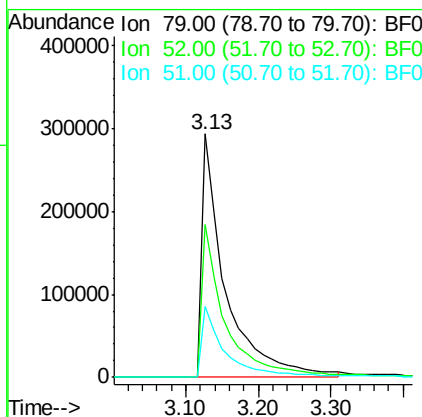
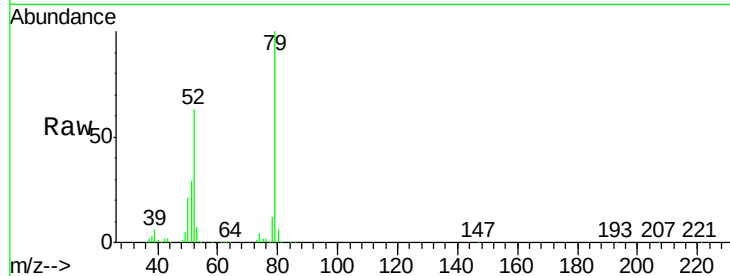
ClientSampleId :

BOTTOM-NORTHMSD

Tot Ion:	79	Resp:	662184
Ion Ratio	Lower	Upper	
79	100		
52	62.8	76.8	115.2#
51	29.2	32.2	48.4#

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#4

n-Nitrosodimethylamine

Concen: 42.77 ng

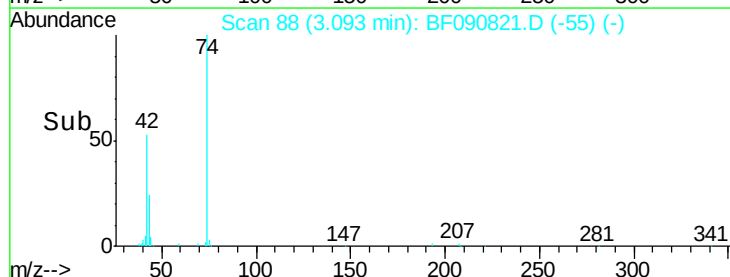
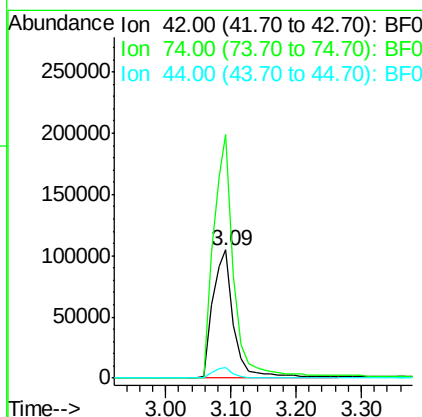
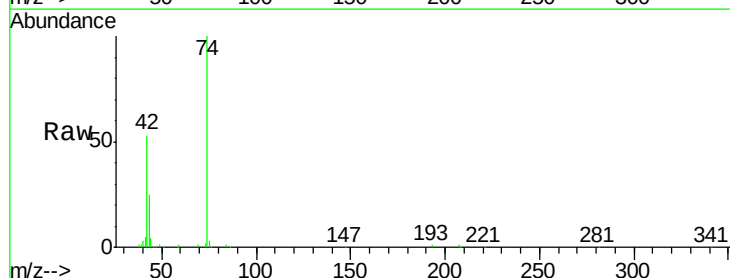
RT: 3.09 min Scan# 88

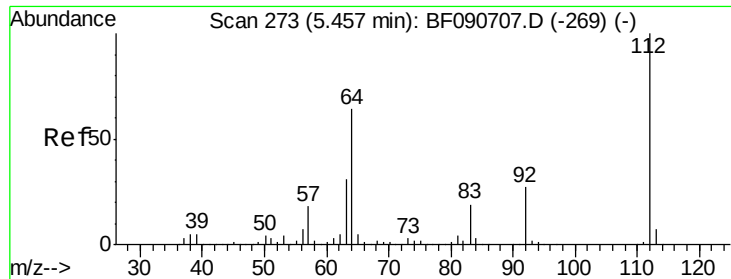
Delta R.T. 0.08 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Tgt Ion:	42	Resp:	240778
Ion Ratio	Lower	Upper	
42	100		
74	189.8	105.0	157.6#
44	7.9	6.6	10.0





#5

2-Fluorophenol

Concen: 151.83 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

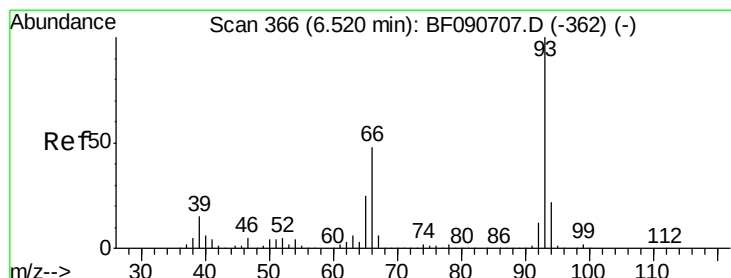
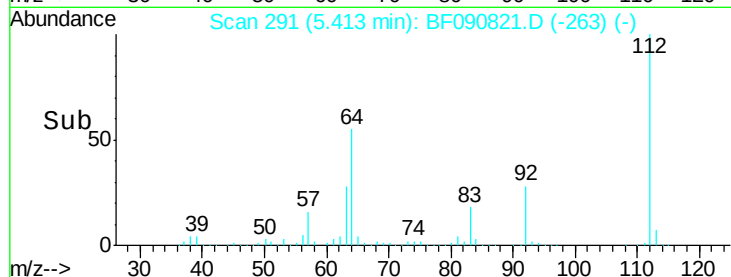
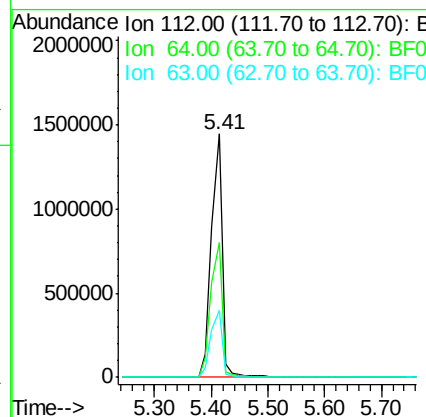
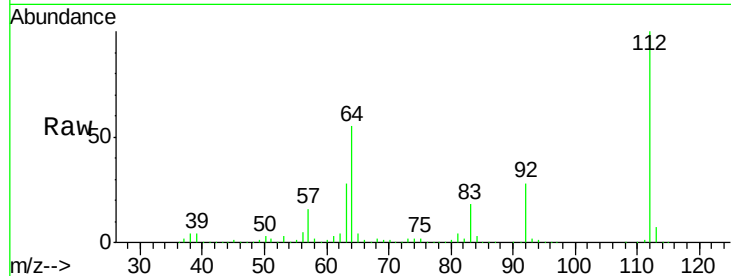
ClientSampleId :

BOTTOM-NORTHMSD

Tot Ion:	112	Resp:	1842365
Ion Ratio	Lower	Upper	
112	100		
64	55.4	39.7	59.5
63	27.7	17.4	26.0#

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#6

Aniline

Concen: 38.01 ng

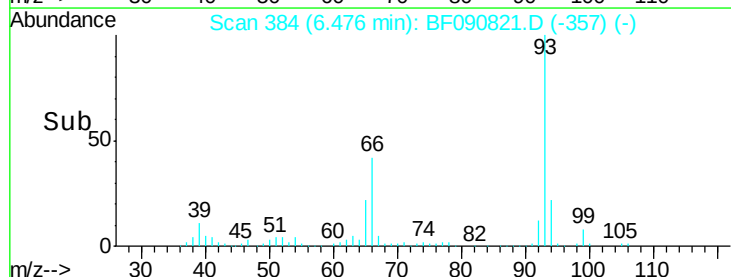
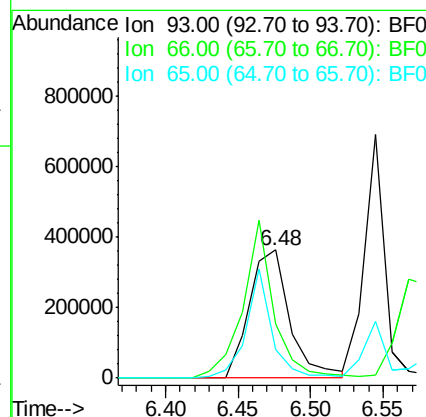
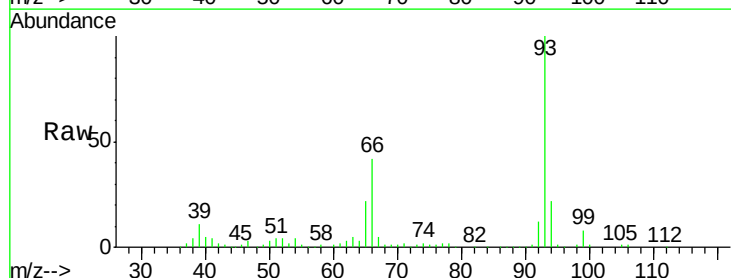
RT: 6.48 min Scan# 384

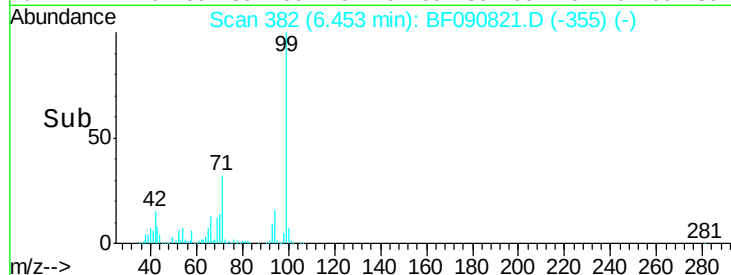
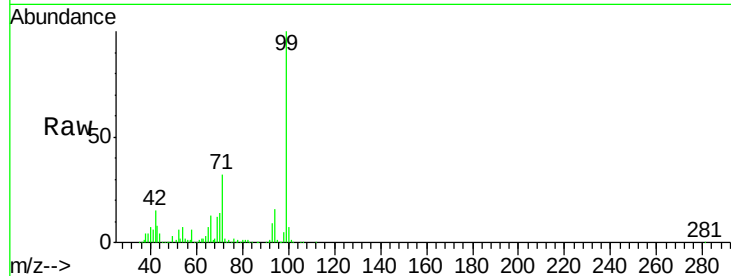
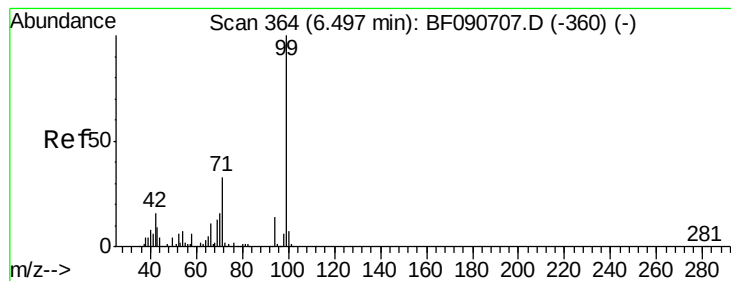
Delta R.T. 0.01 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Tgt Ion:	93	Resp:	708410
Ion Ratio	Lower	Upper	
93	100		
66	41.9	27.2	40.8#
65	22.3	14.7	22.1#





#7

Phenol-d6

Concen: 133.20 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Tot Ion: 99 Resp: 2189372

Ion Ratio Lower Upper

99 100

42 15.0 13.7 20.5

71 32.0 14.2 21.2#

Instrument :

BNA_F

ClientSampleId :

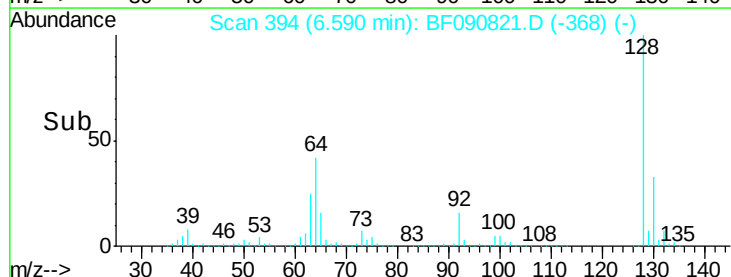
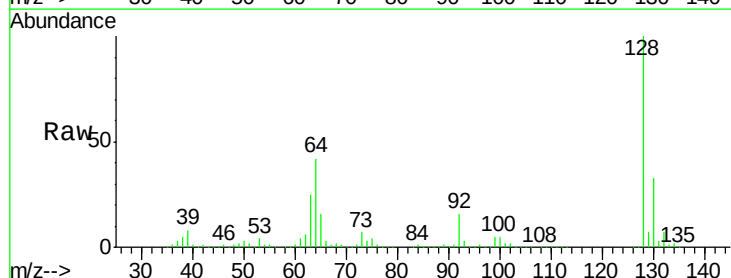
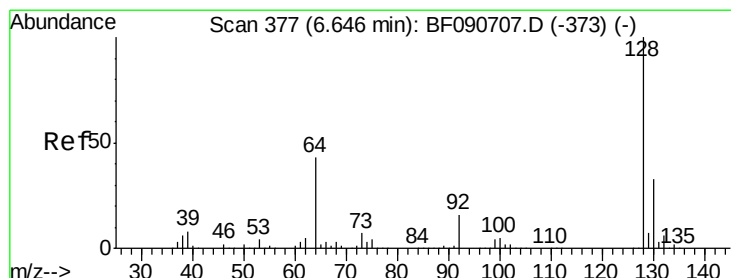
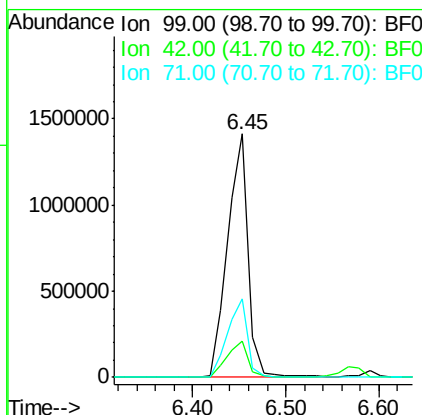
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#8

2-Chlorophenol

Concen: 48.16 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

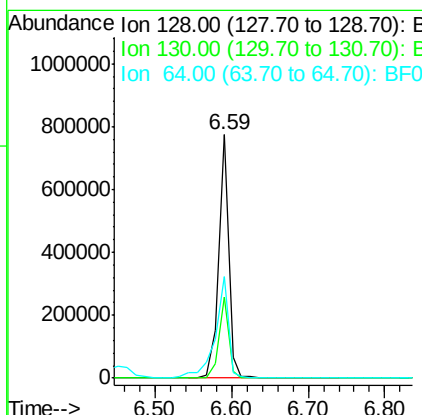
Tgt Ion:128 Resp: 701595

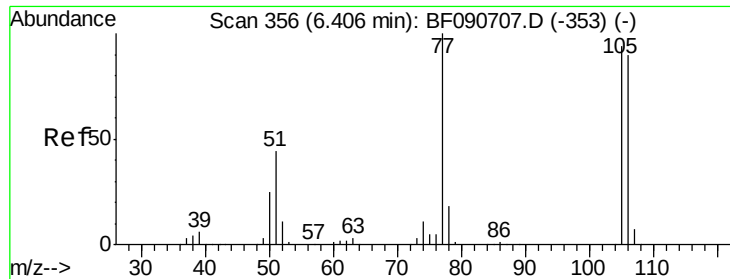
Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

64 41.5 20.5 60.5





#9

Benzaldehyde

Concen: 13.10 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

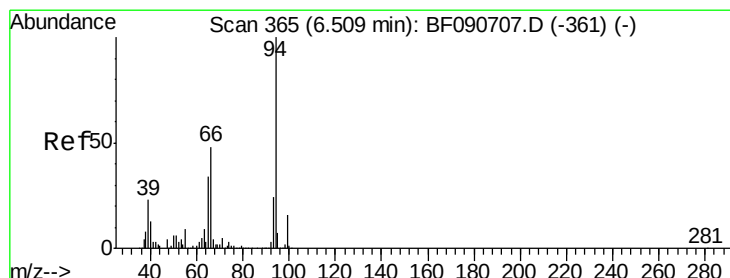
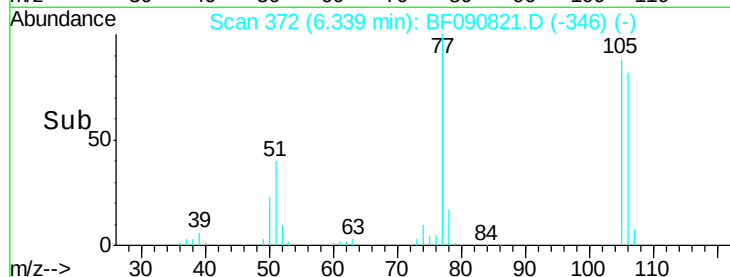
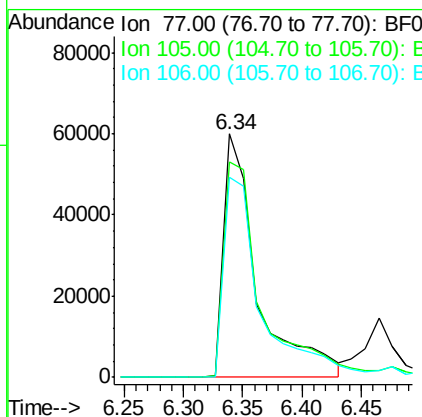
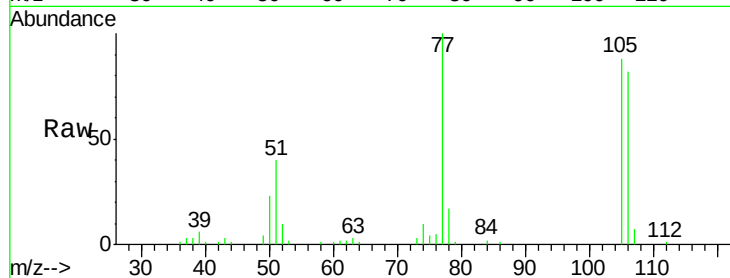
ClientSampleId :

BOTTOM-NORTHMSD

Tot Ion:	77	Resp:	117701
Ion Ratio	Lower	Upper	
77	100		
105	88.4	91.6	131.6#
106	82.1	102.6	142.6#

Manual Integrations
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#10

Phenol

Concen: 48.99 ng

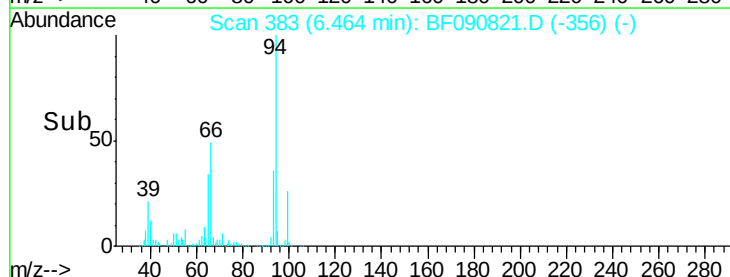
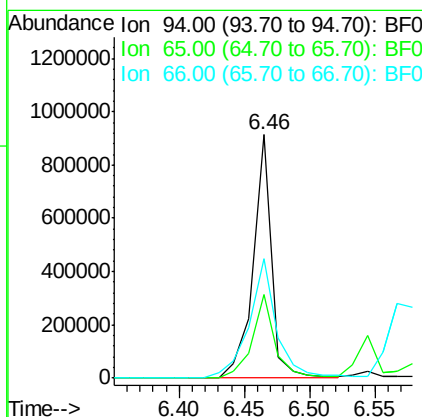
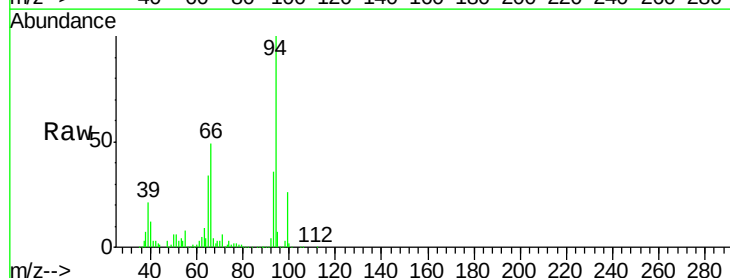
RT: 6.46 min Scan# 383

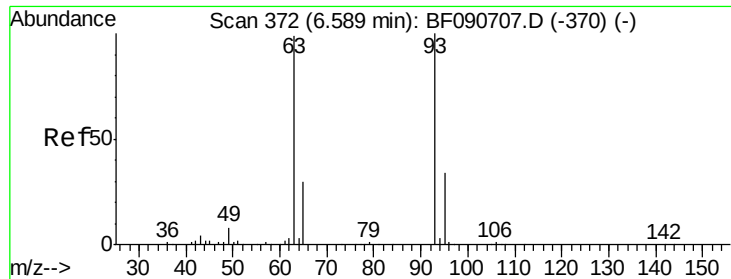
Delta R.T. 0.01 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Tgt Ion:	94	Resp:	905084
Ion Ratio	Lower	Upper	
94	100		
65	34.1	0.7	40.7
66	49.0	0.8	40.8#





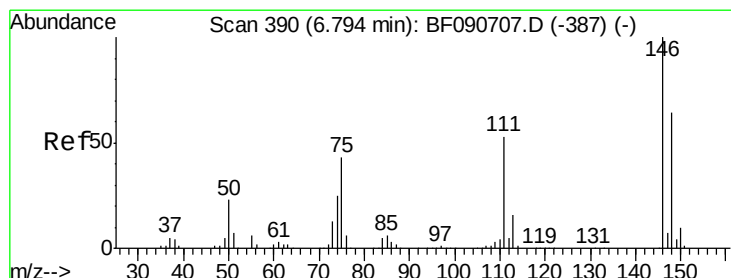
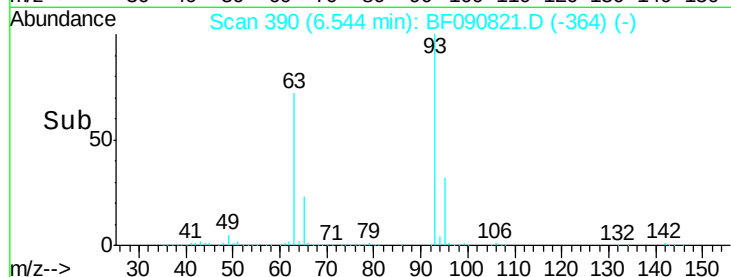
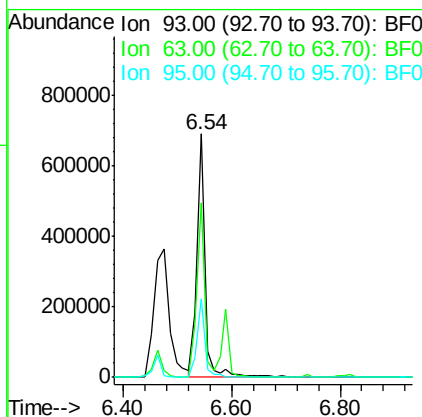
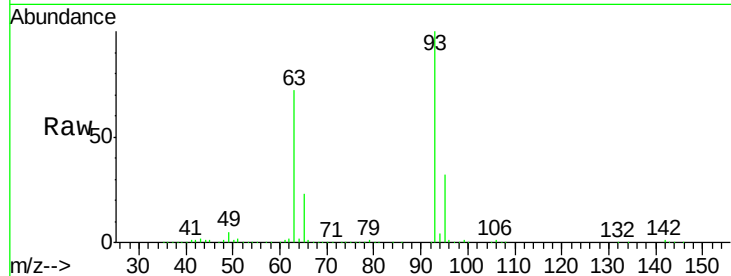
#11
bis(2-Chloroethyl)ether
Concen: 46.02 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

Tot Ion:	93	Resp:	714342
Ion	Ratio	Lower	Upper
93	100		
63	71.8	65.6	105.6
95	32.5	13.6	53.6

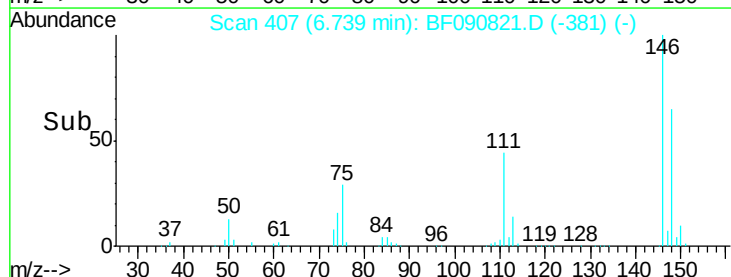
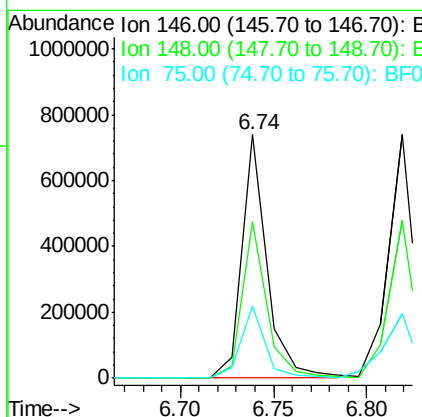
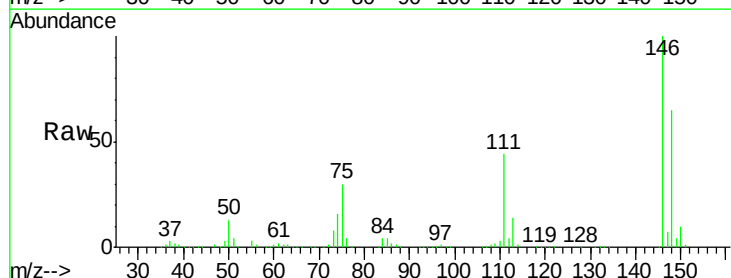
Manual Integrations
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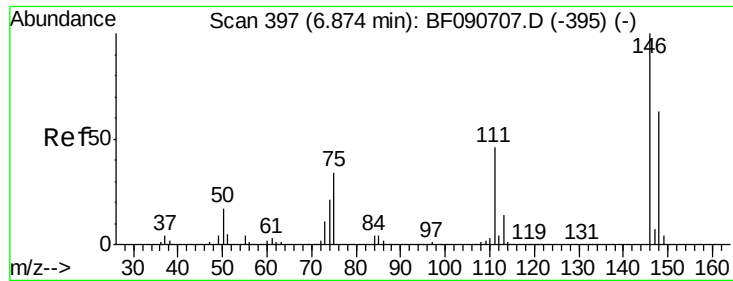
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#12
1,3-Dichlorobenzene
Concen: 47.15 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion:	146	Resp:	689954
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.4
75	29.6	15.0	22.6#





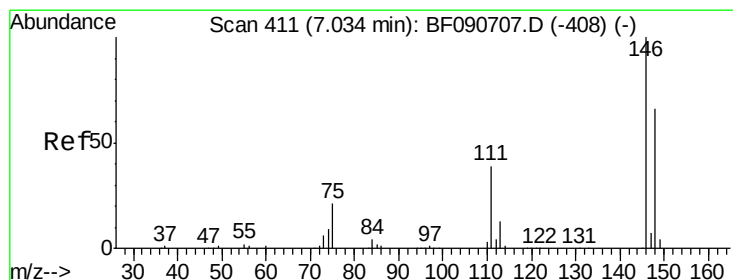
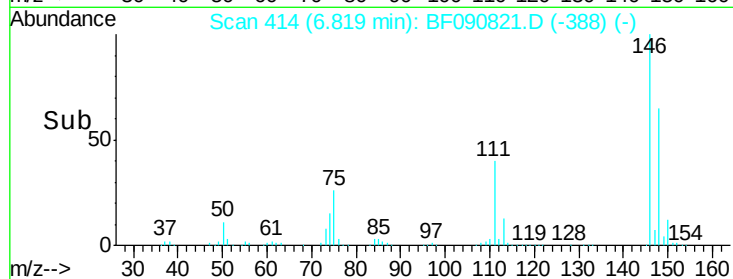
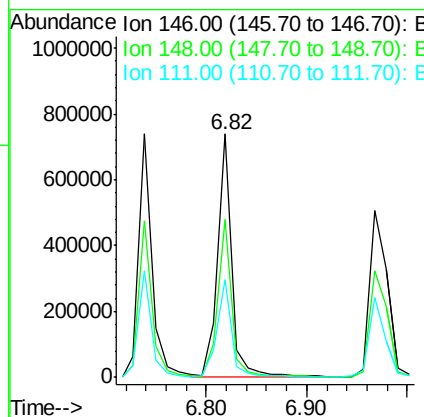
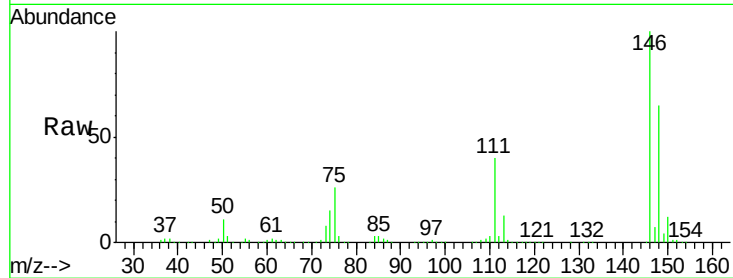
#13
 1,4-Dichlorobenzene
 Concen: 47.07 ng
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-NORTHMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
111	40.3	24.9	37.3

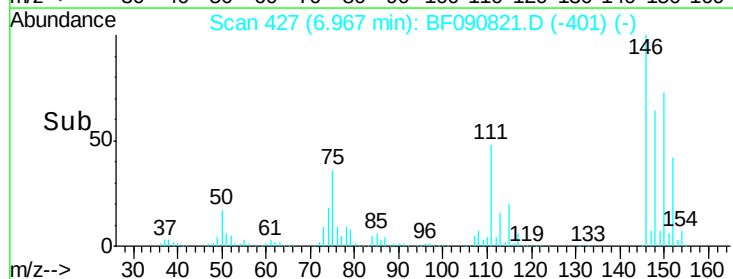
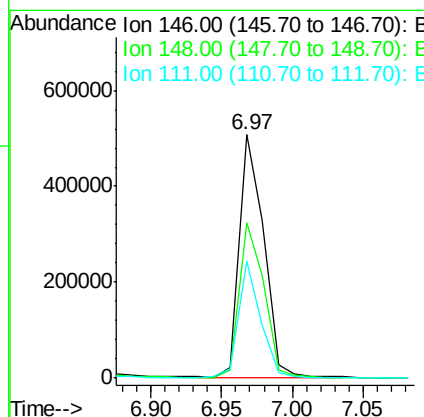
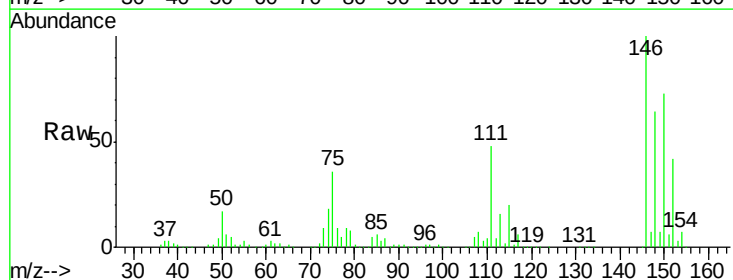
Manual Integrations
 APPROVED

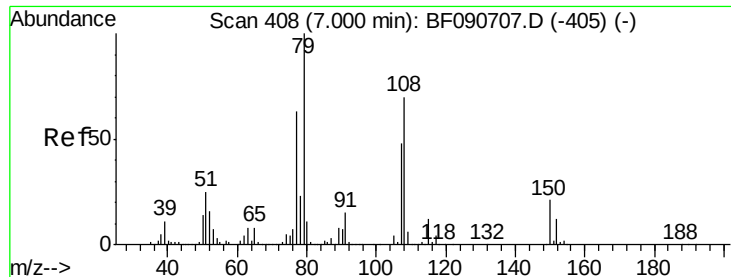
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#14
 1,2-Dichlorobenzene
 Concen: 40.96 ng m
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.7	79.1
111	47.8	28.8	43.2





#15

Benzyl Alcohol

Concen: 43.35 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

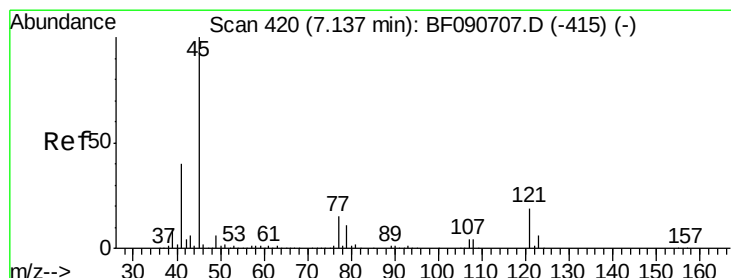
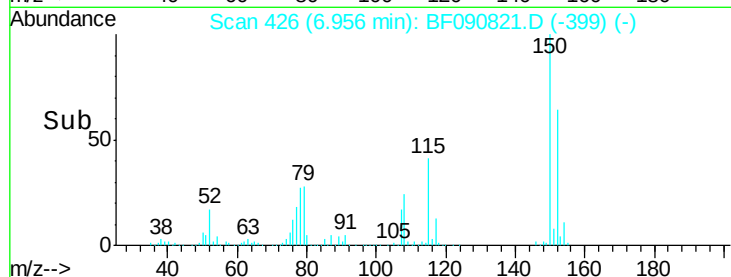
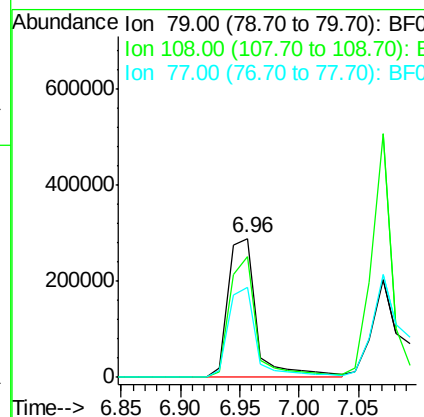
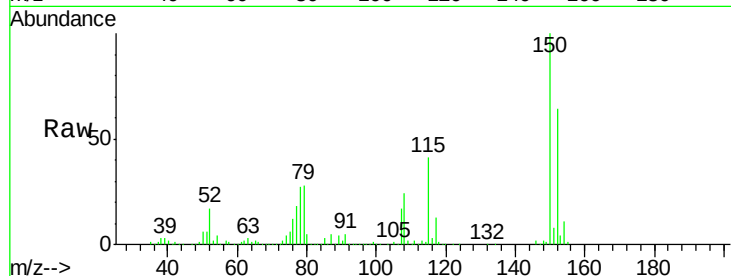
ClientSampleId :

BOTTOM-NORTHMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	87.3	88.6	132.8#
77	65.0	47.0	70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.41 ng

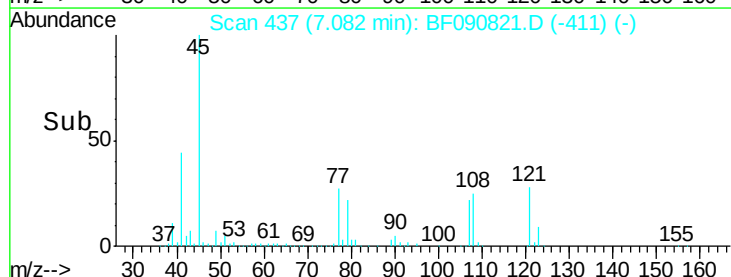
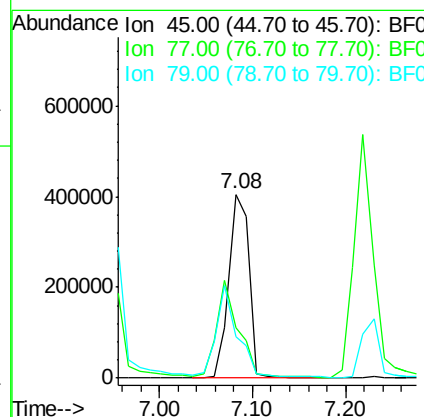
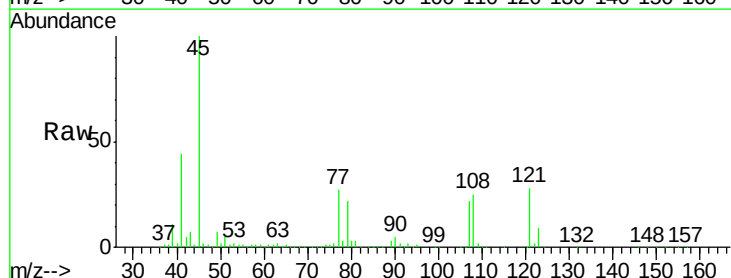
RT: 7.08 min Scan# 437

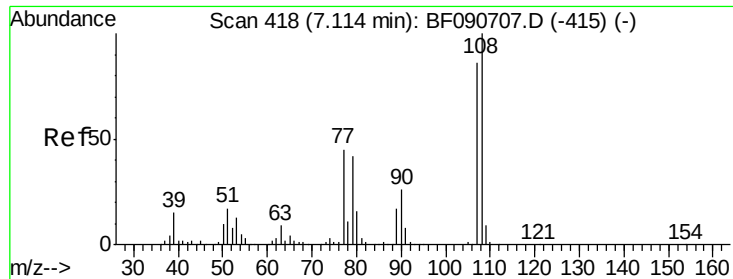
Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.3	0.0	28.1
79	22.3	0.0	26.0





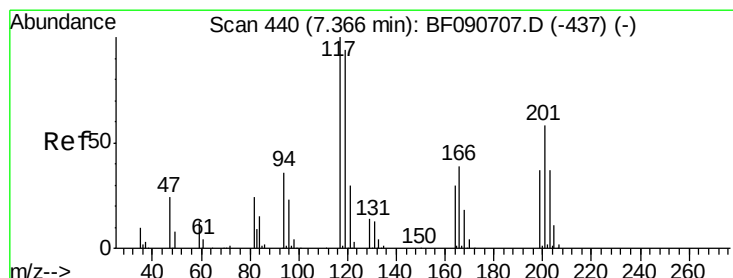
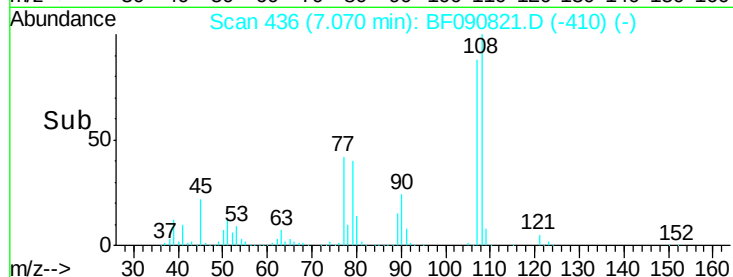
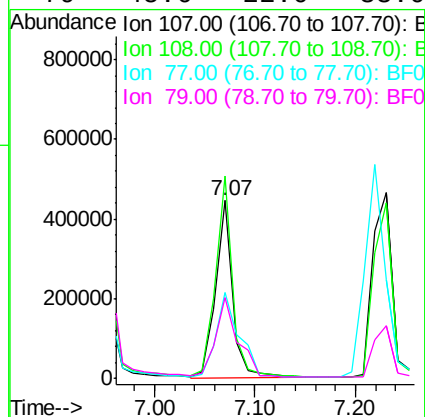
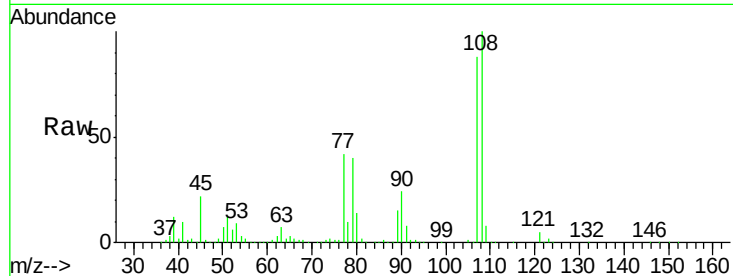
#17
2-Methylphenol
Concen: 48.05 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	113.8	96.6	145.0	
77	77	48.3	23.3	34.9	
79	79	45.6	22.0	33.0	

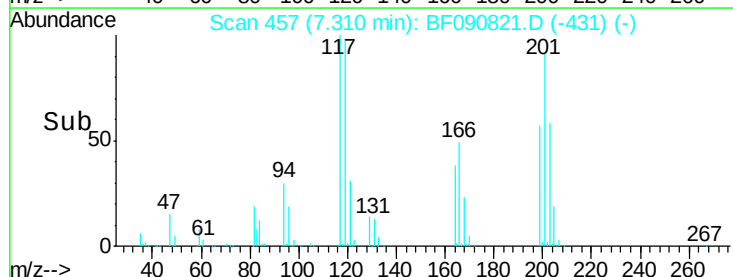
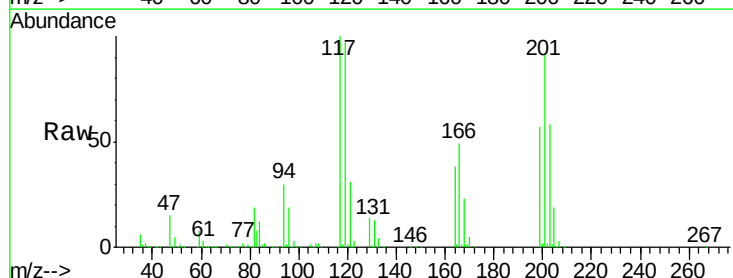
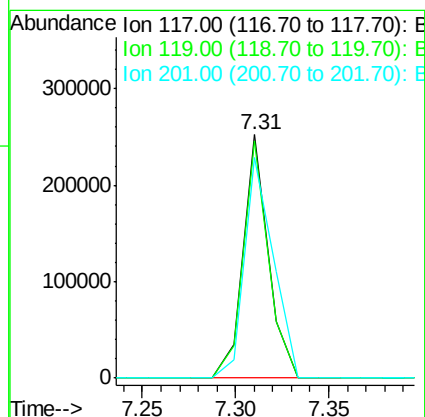
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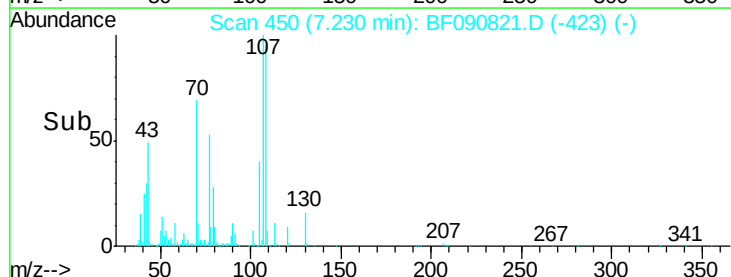
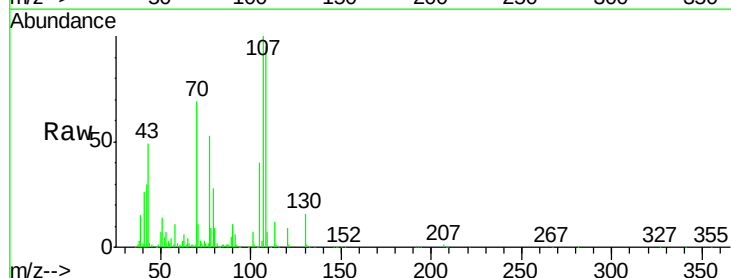
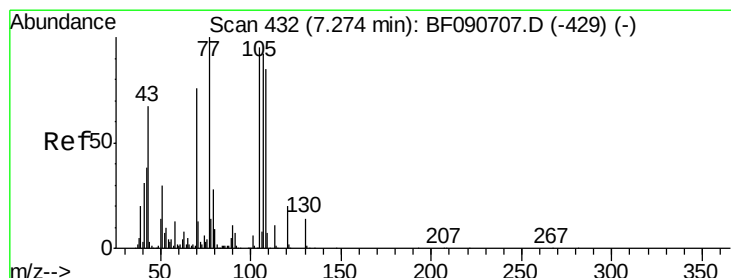
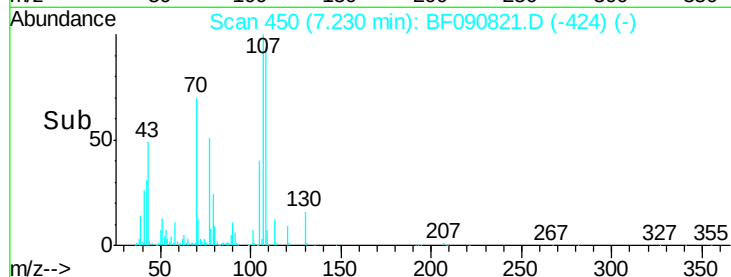
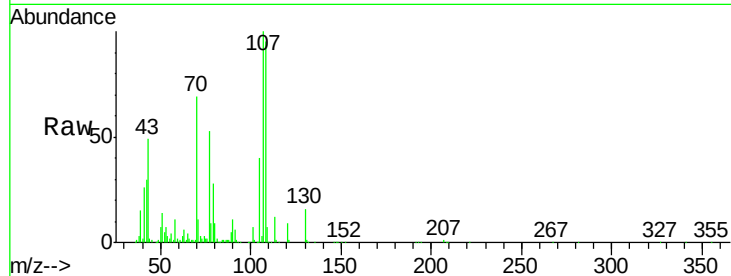
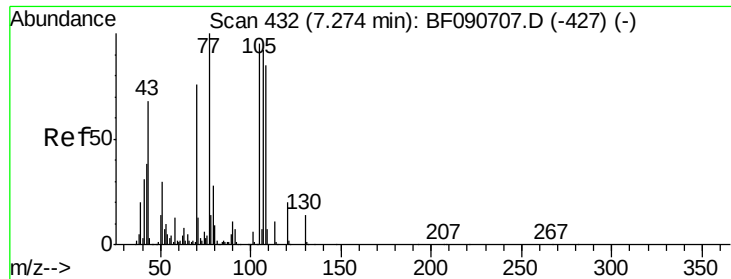
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#18
Hexachloroethane
Concen: 37.72 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	97.3	83.8	125.6	
201	201	90.8	55.1	82.7	





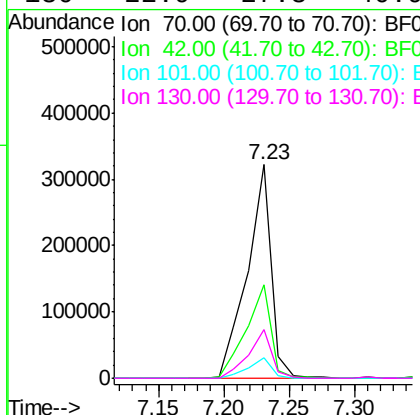
#19
n-Nitroso-di-n-propylamine
Concen: 34.00 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.7	63.8	95.6#
101	9.6	9.2	13.8
130	22.9	27.3	40.9#

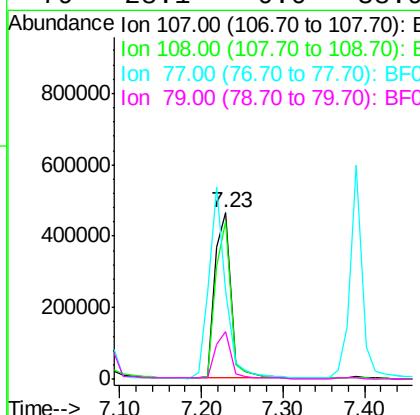
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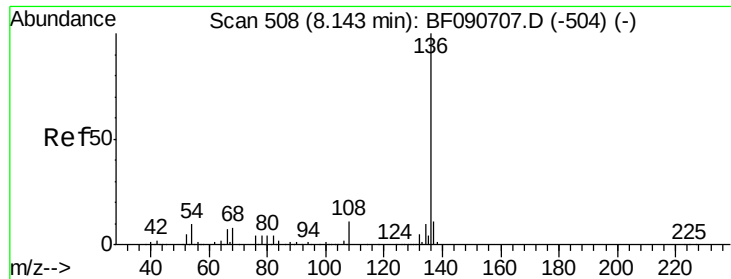
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#20
3+4-Methylphenols
Concen: 49.08 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.5	74.6	114.6
77	53.4	0.7	40.7#
79	28.1	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

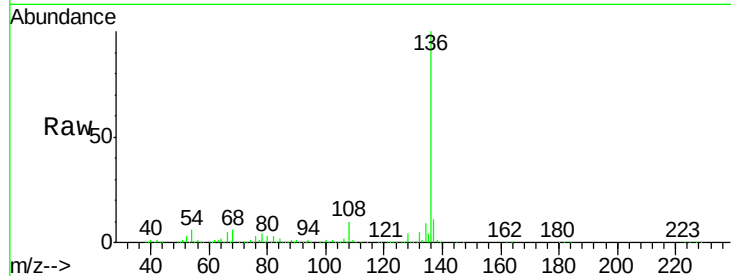
ClientSampleId :

BOTTOM-NORTHMSD

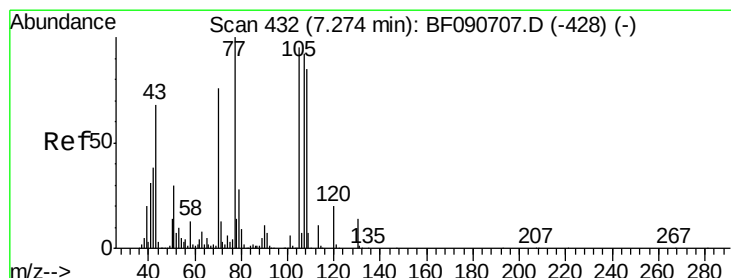
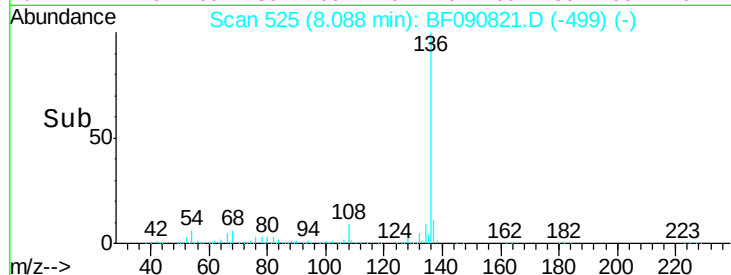
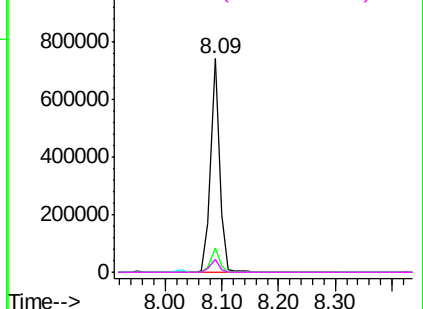
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.3		9.0	13.6	
54	6.3		8.2	12.2	
68	6.0		5.8	8.6	

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Abundance Ion 136.00 (135.70 to 136.70): E



#22

Acetophenone

Concen: 47.48 ng

RT: 7.22 min Scan# 449

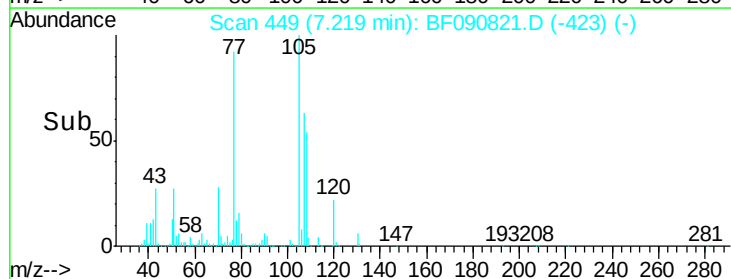
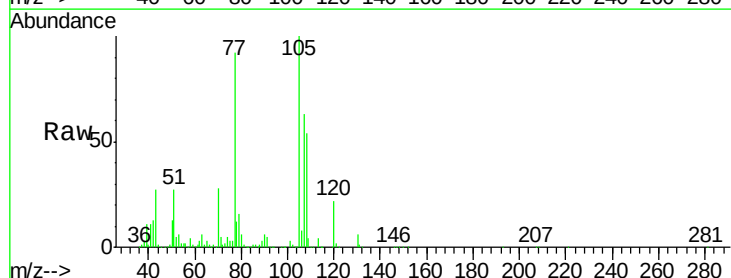
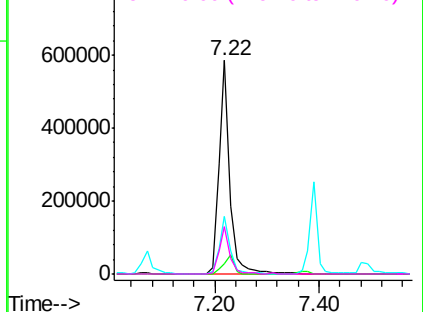
Delta R.T. 0.00 min

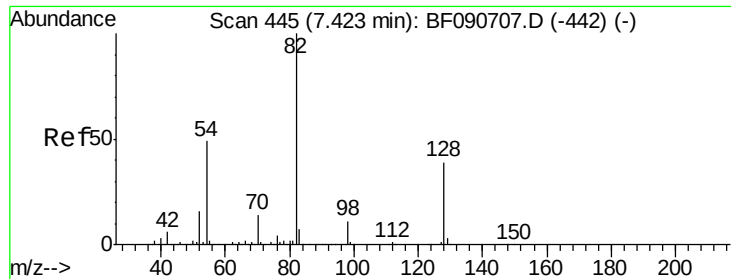
Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	4.7		4.7	7.1	
51	26.9		22.0	33.0	
120	22.4		30.1	45.1	

Abundance Ion 105.00 (104.70 to 105.70): E





#23

Nitrobenzene-d5

Concen: 90.27 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

ClientSampleId :

BOTTOM-NORTHMSD

Tot Ion: 82 Resp: 1296244

Ion Ratio Lower Upper

82 100

128 47.5 51.0 76.6#

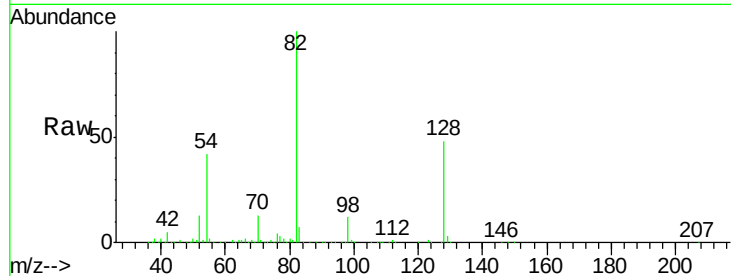
54 42.1 47.5 71.3#

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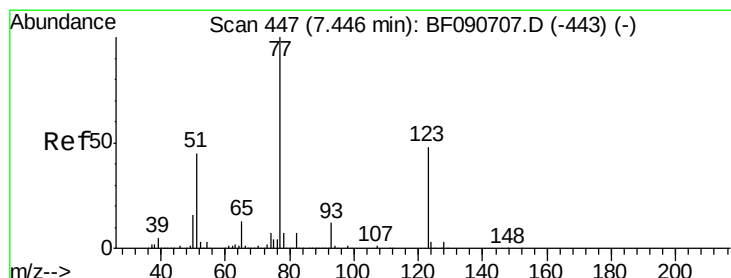
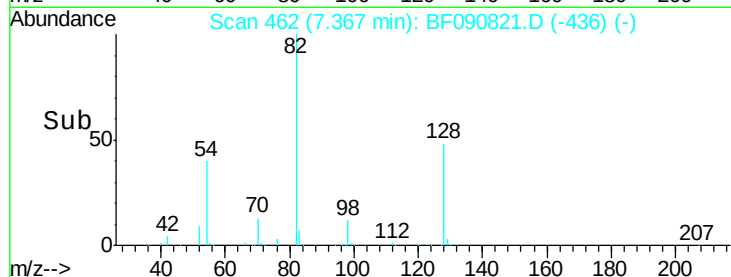
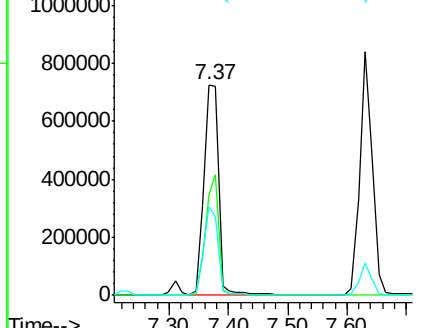
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.23 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

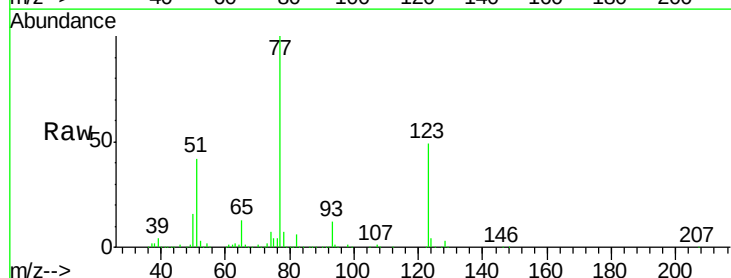
Tgt Ion: 77 Resp: 610618

Ion Ratio Lower Upper

77 100

123 49.1 59.8 89.8#

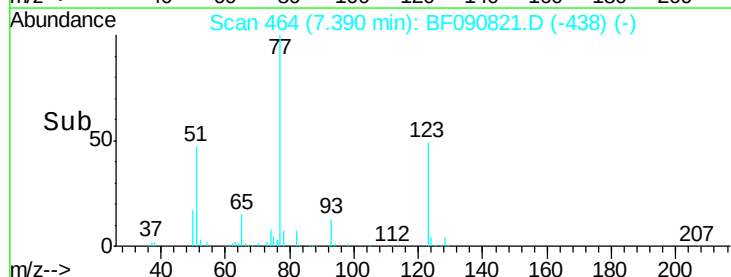
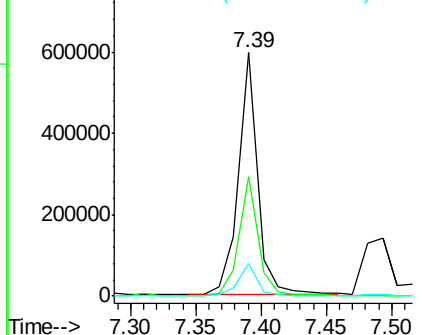
65 13.2 10.2 15.4

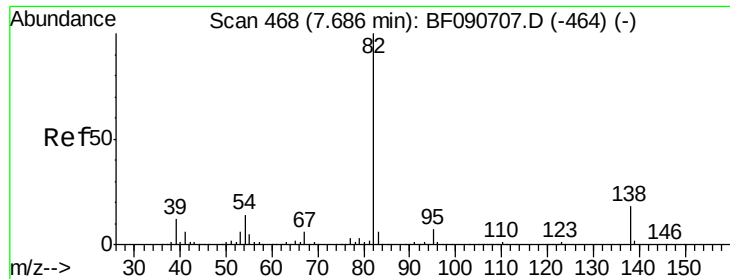


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.77 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

ClientSampleId :

BOTTOM-NORTHMSD

Tot Ion: 82 Resp: 1216922

Ion Ratio Lower Upper

82 100

95 6.8 4.0 6.0#

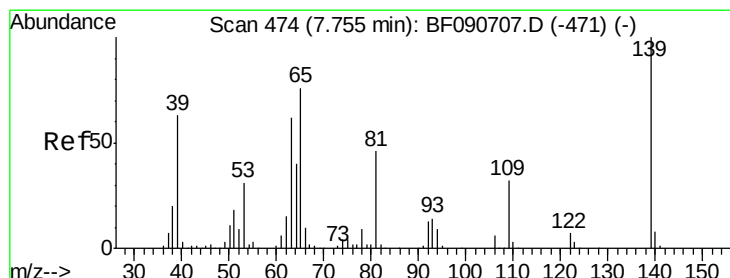
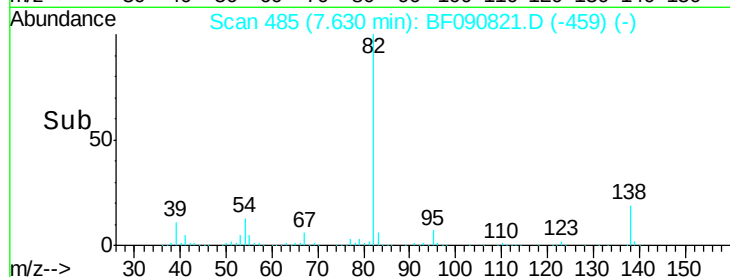
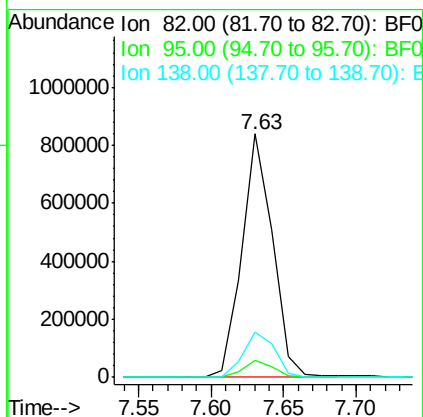
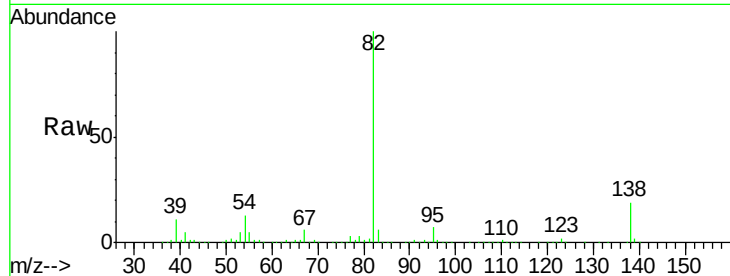
138 18.6 18.3 27.5

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#26

2-Nitrophenol

Concen: 60.70 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

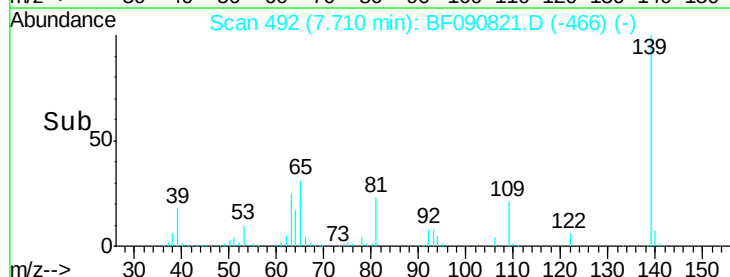
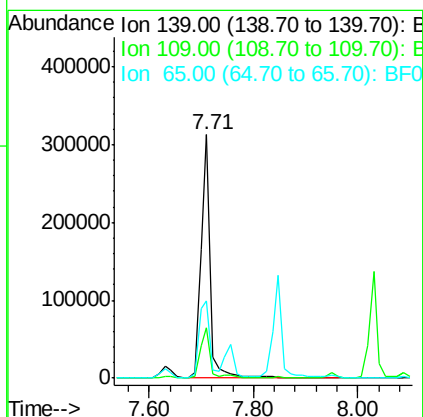
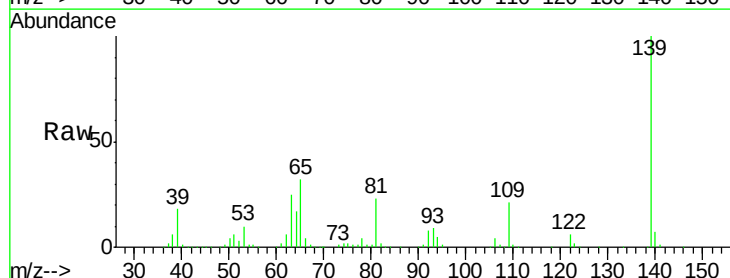
Tgt Ion: 139 Resp: 386046

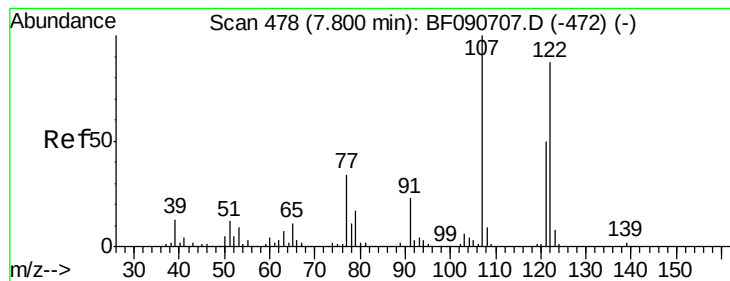
Ion Ratio Lower Upper

139 100

109 20.8 11.0 16.4#

65 31.9 24.7 37.1





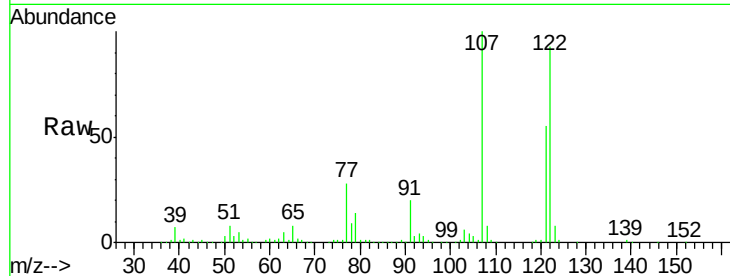
#27
 2,4-Dimethylphenol
 Concen: 55.34 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-NORTHMSD

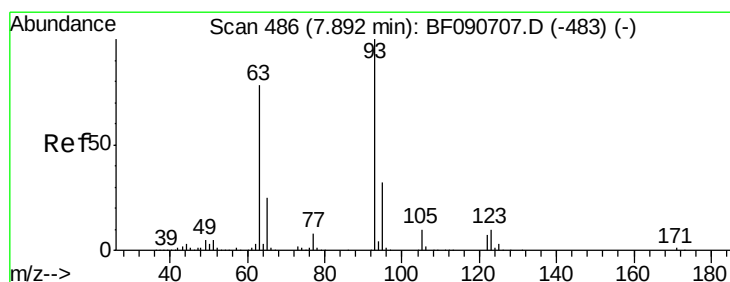
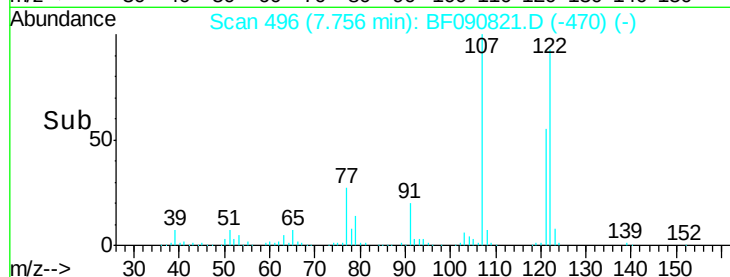
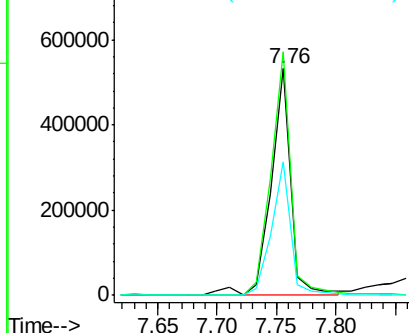
Tot Ion	Ratio	Lower	Upper
122	100		
107	107.4	71.8	107.6
121	58.7	42.3	63.5

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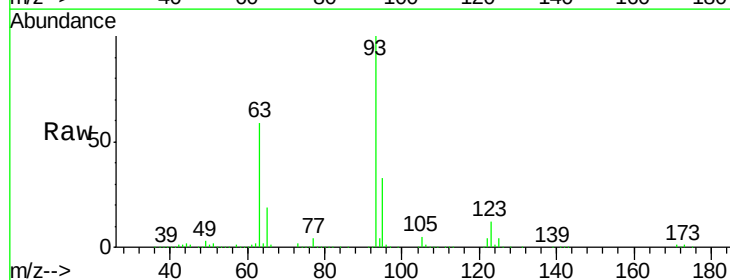


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

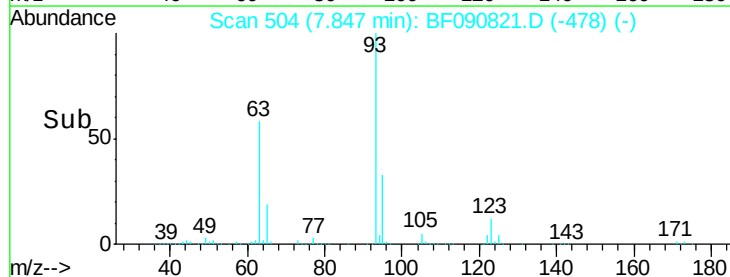
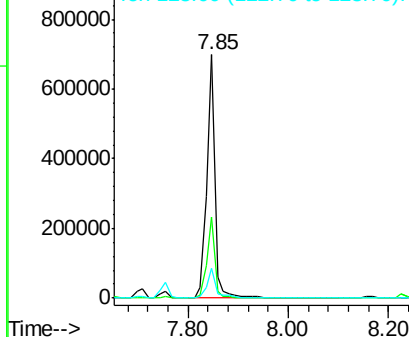


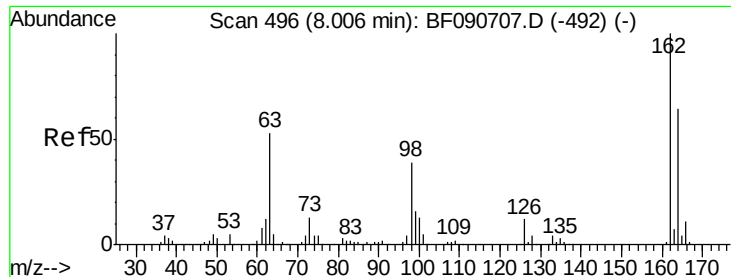
#28
 bis(2-Chloroethoxy)methane
 Concen: 52.94 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	27.5	41.3
123	12.2	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





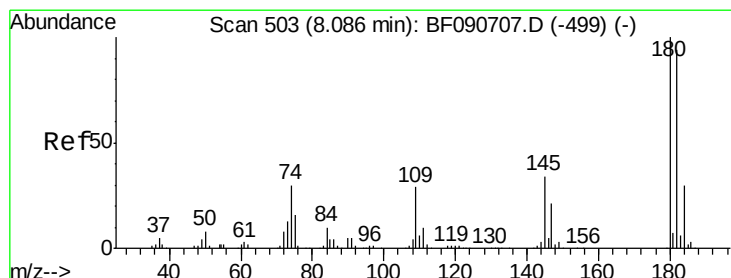
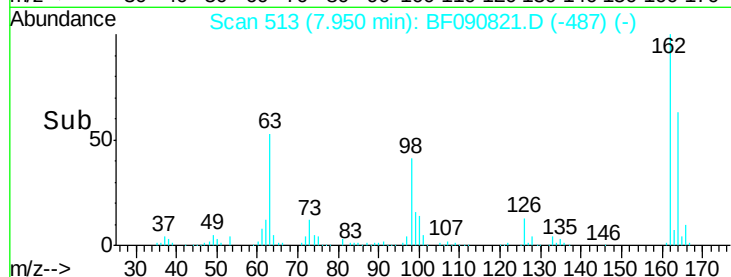
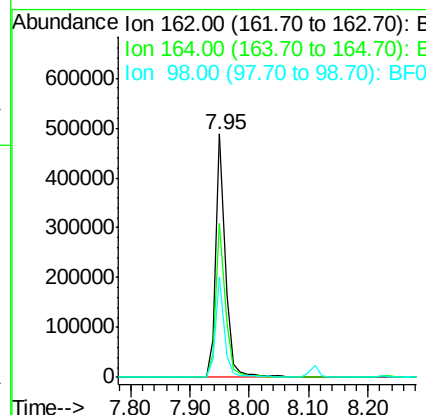
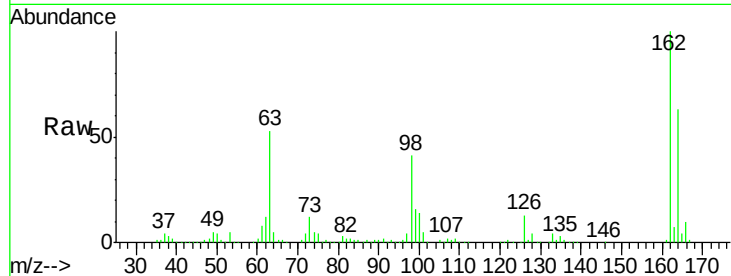
#29
 2,4-Dichlorophenol
 Concen: 59.38 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-NORTHMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.9	84.9
98	41.1	13.0	53.0

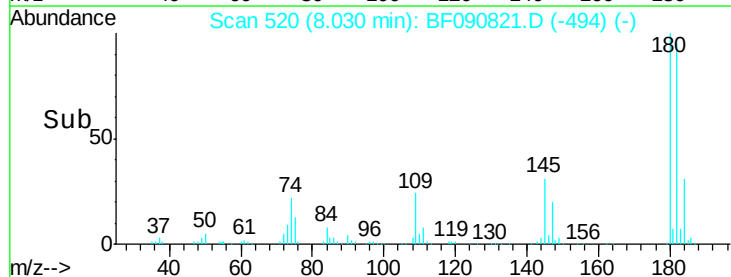
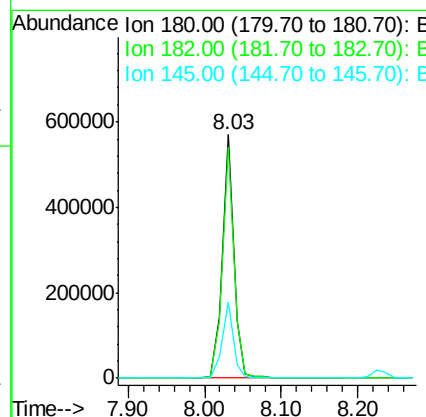
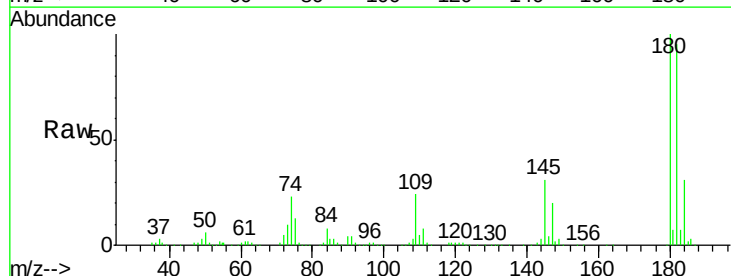
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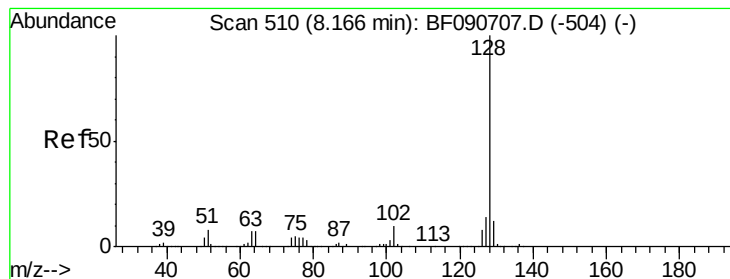
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#30
 1,2,4-Trichlorobenzene
 Concen: 55.31 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.1	115.7
145	31.3	23.3	34.9





#31

Naphthalene

Concen: 48.15 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

ClientSampleId :

BOTTOM-NORTHMSD

Tot Ion:128 Resp: 1854884

Ion Ratio Lower Upper

128 100

129 11.9 8.4 12.6

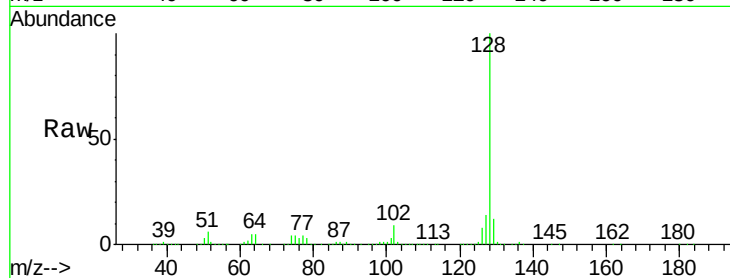
127 13.9 9.9 14.9

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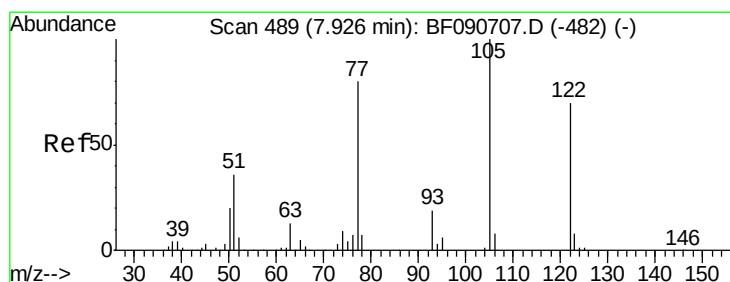
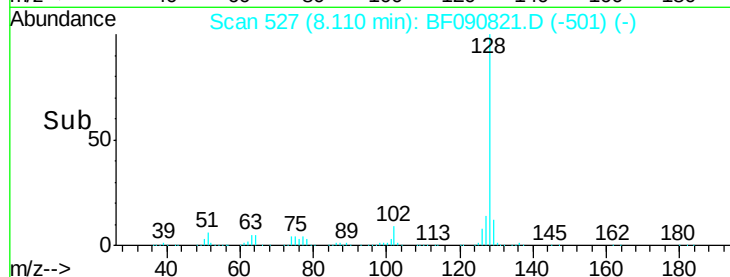
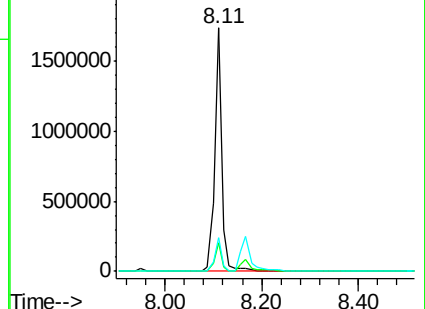
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.68 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

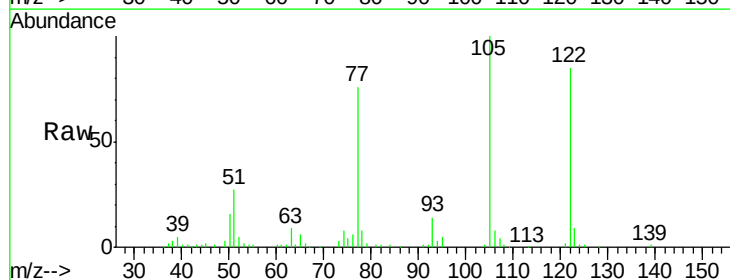
Tgt Ion:122 Resp: 218163

Ion Ratio Lower Upper

122 100

105 117.7 76.1 116.1#

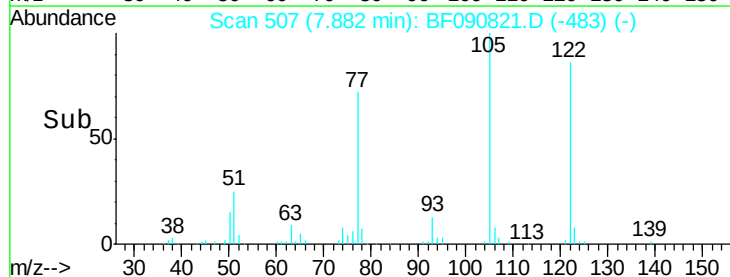
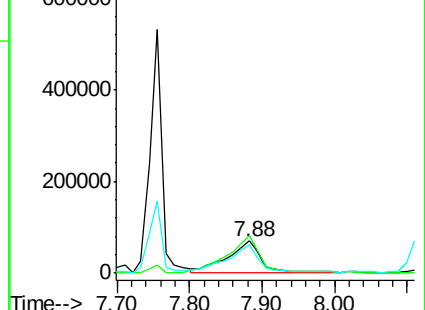
77 89.1 40.5 80.5#

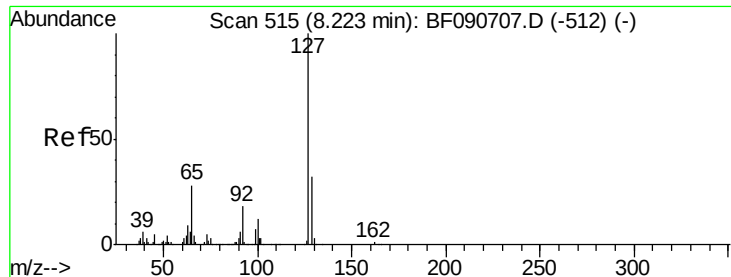


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





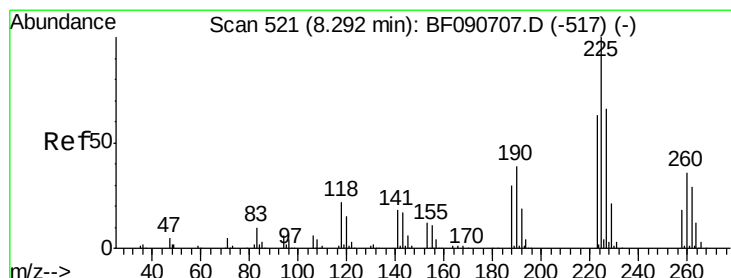
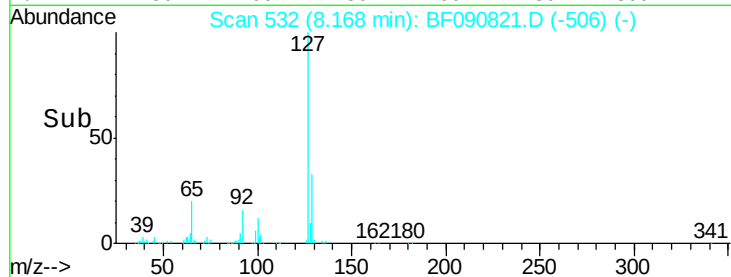
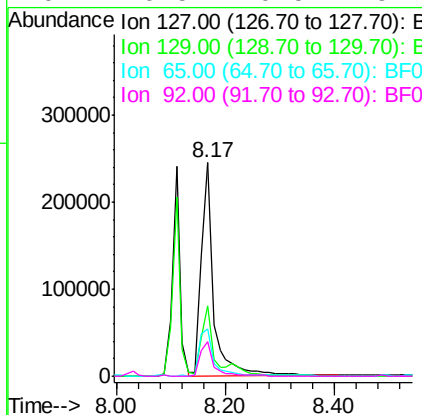
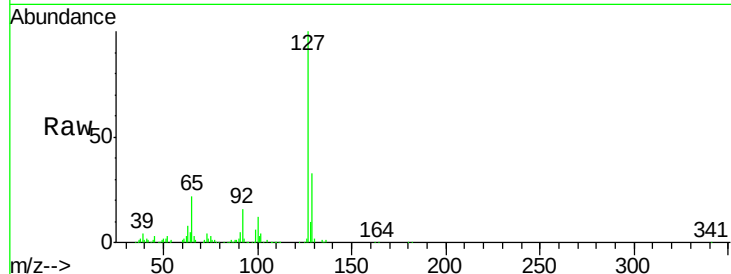
#33
4-Chloroaniline
Concen: 26.68 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	25.8	38.6	
65	22.5	17.9	26.9	
92	16.5	10.5	15.7	

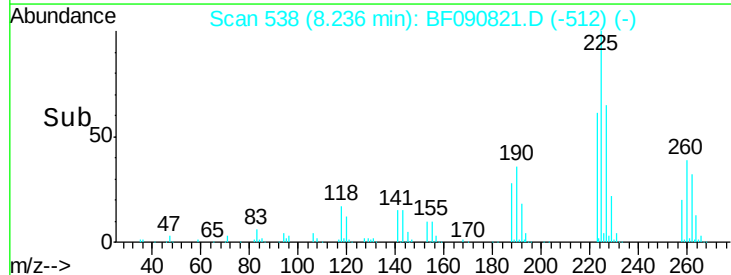
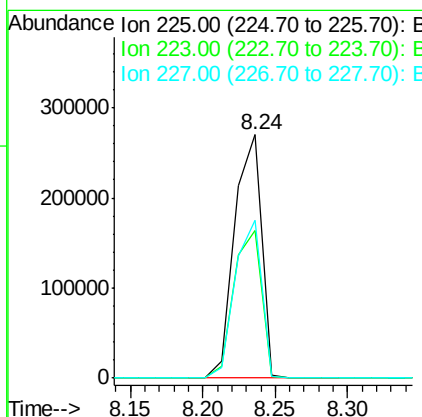
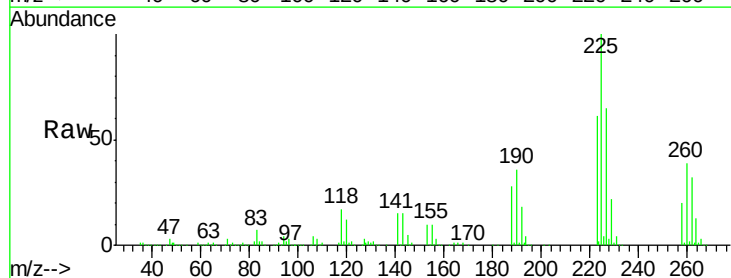
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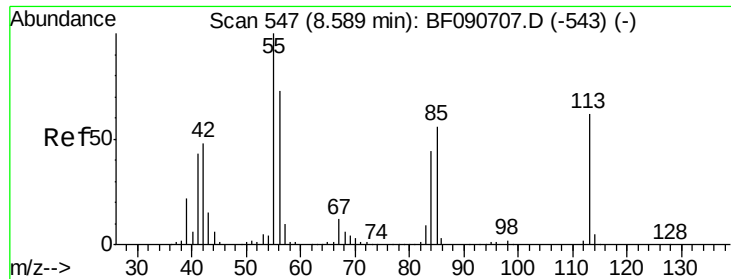
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#34
Hexachlorobutadiene
Concen: 56.73 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.9	50.2	75.2	
227	64.7	52.2	78.2	





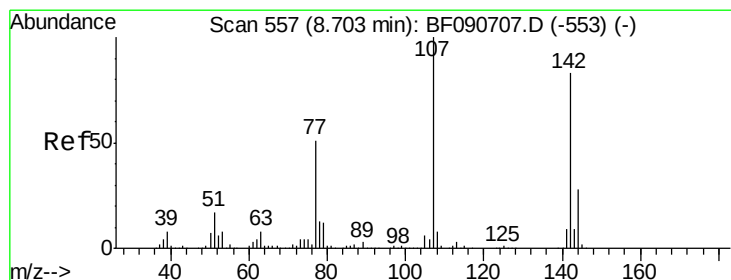
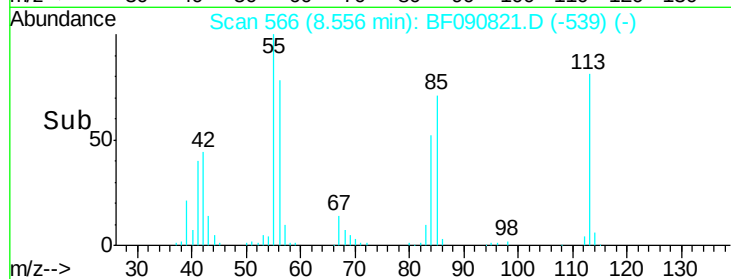
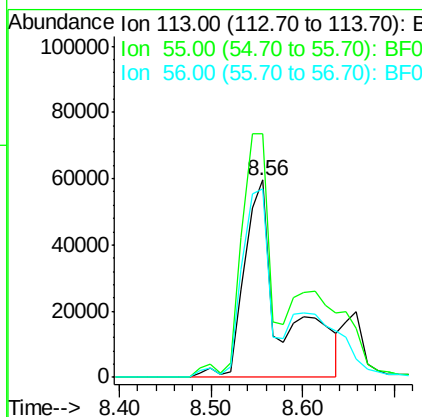
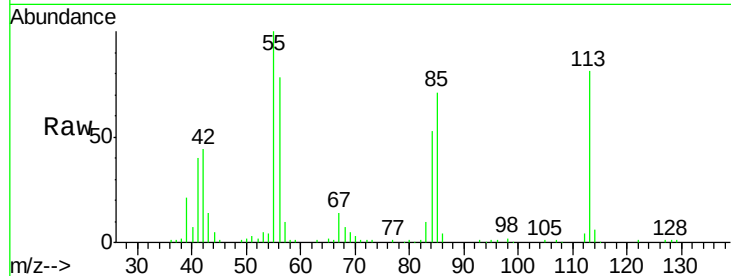
#35
 Caprolactam
 Concen: 64.49 ng/ml
 RT: 8.56 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-NORTHMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	123.3	152.4	192.4#
56	95.6	104.6	144.6#

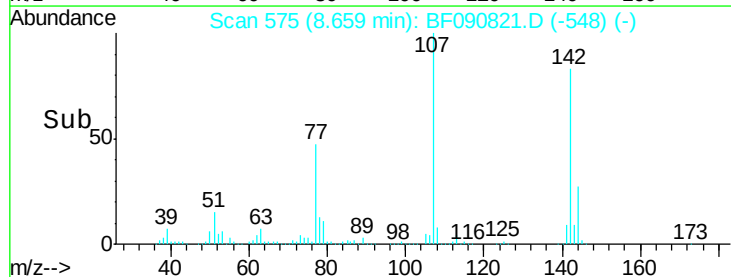
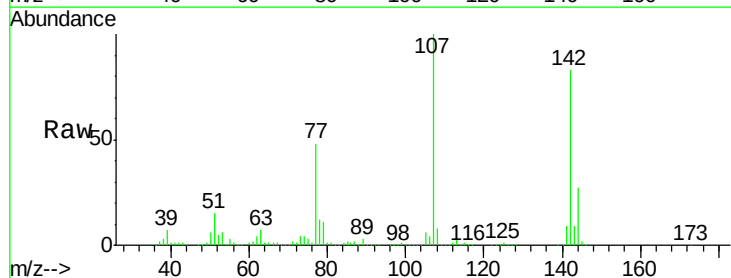
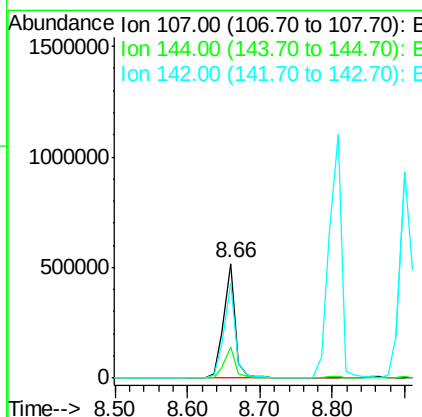
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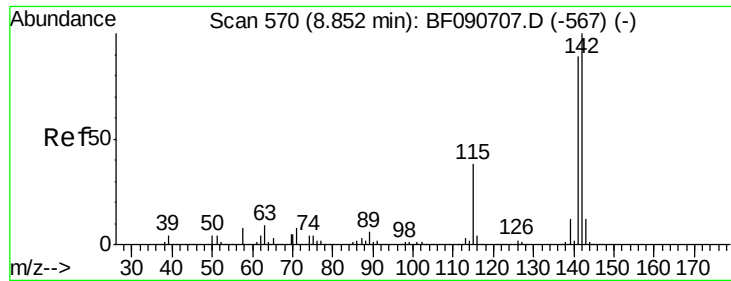
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#36
 4-Chloro-3-methylphenol
 Concen: 54.63 ng/ml
 RT: 8.66 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	25.4	38.0
142	83.3	77.3	115.9





#37

2-Methylnaphthalene

Concen: 58.18 ng

RT: 8.81 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

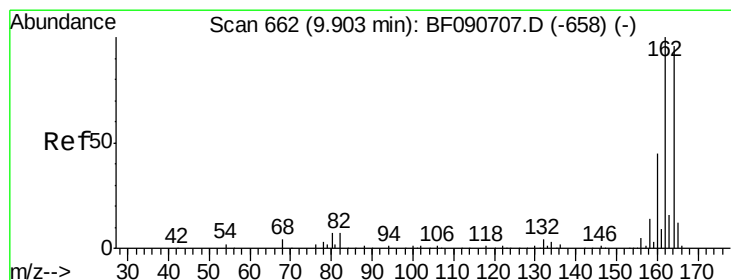
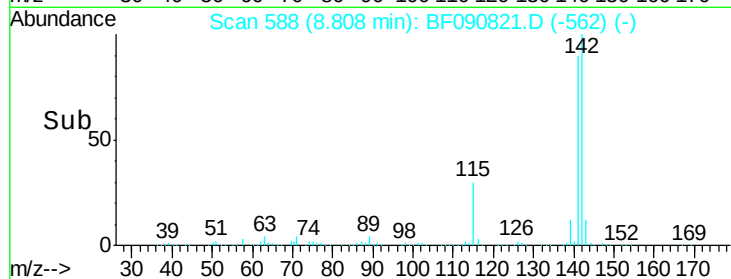
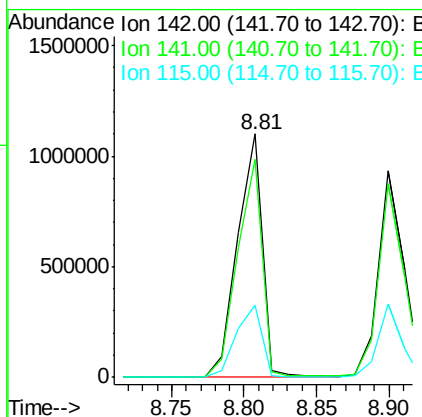
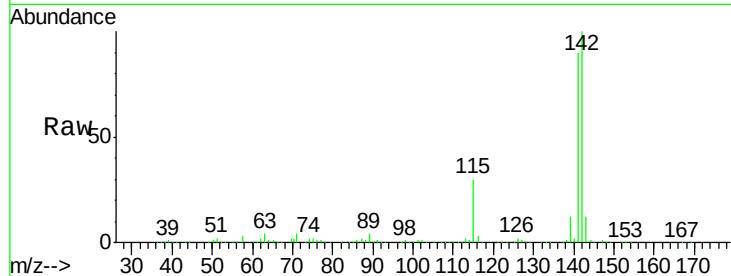
ClientSampleId :

BOTTOM-NORTHMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	67.5	101.3
115	29.5	18.2	27.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

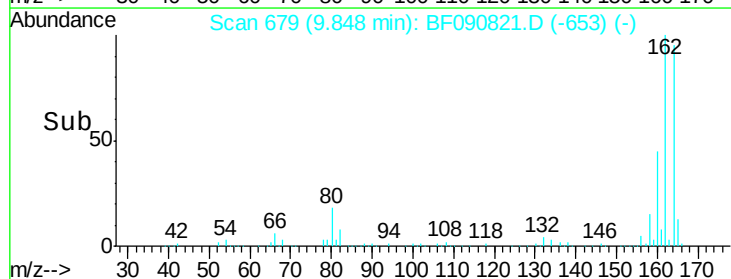
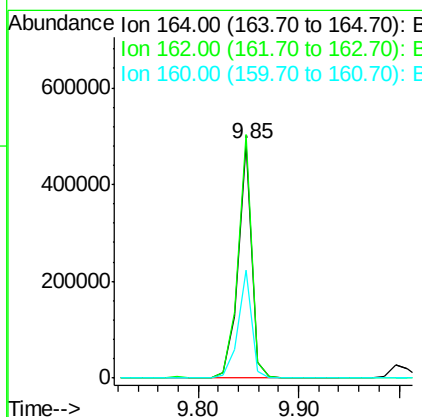
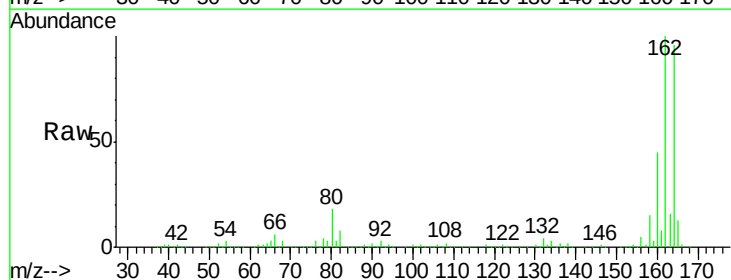
RT: 9.85 min Scan# 679

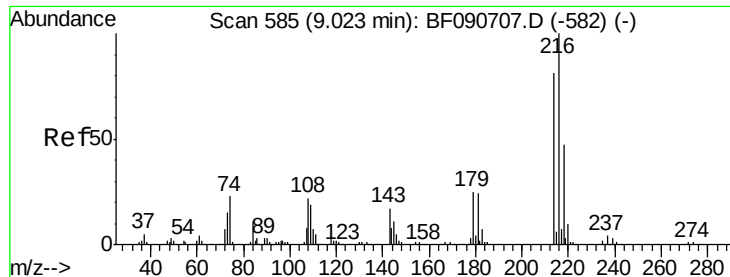
Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	75.2	112.8
160	46.3	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.96 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

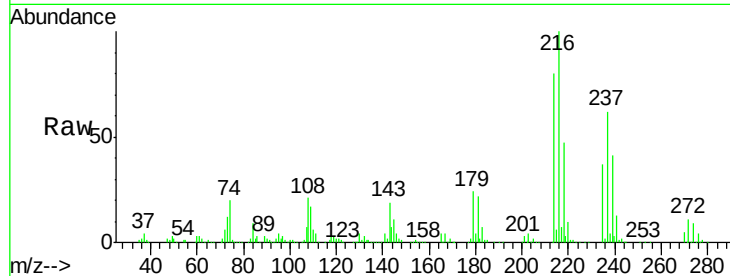
ClientSampleId :

BOTTOM-NORTHMSD

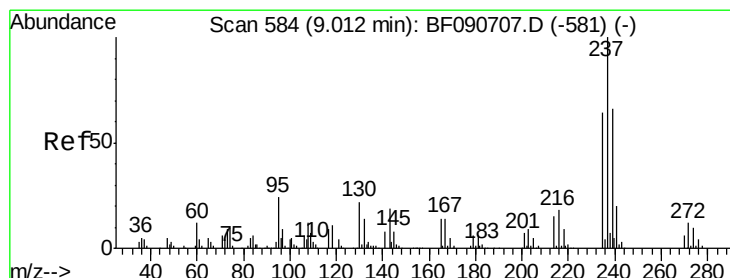
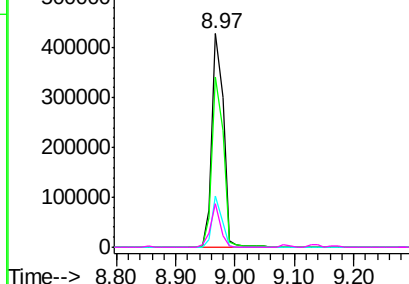
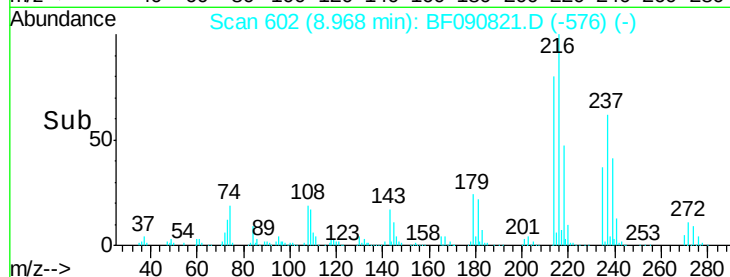
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		577375		
214	78.9		63.5	95.3	
179	21.0		16.6	24.8	
108	17.6		16.3	24.5	

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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: 107.58 ng

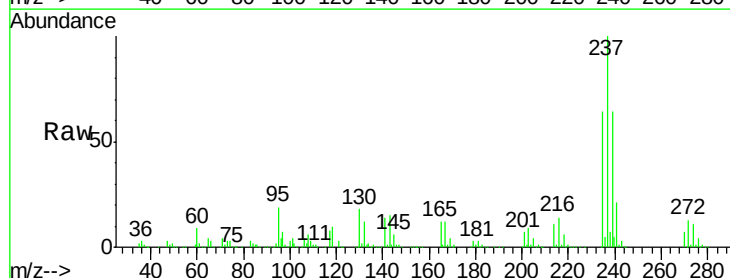
RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

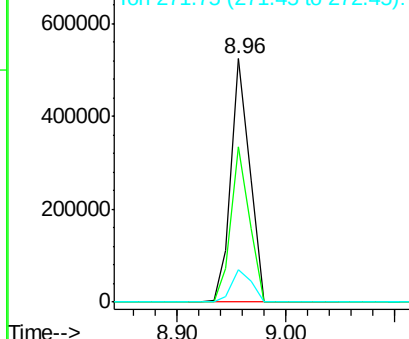
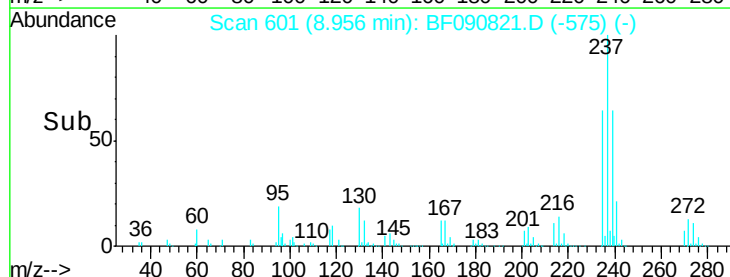
Lab File: BF090821.D

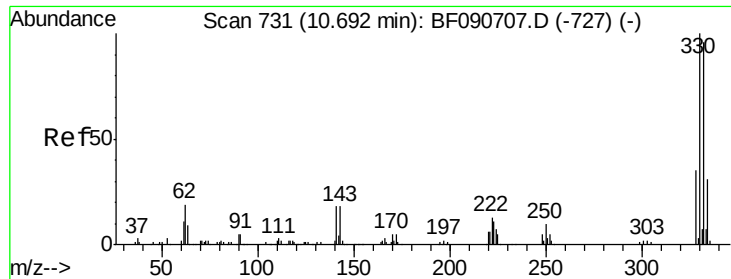
Acq: 25 Oct 2016 21:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		620964		
235	63.7		42.0	82.0	
272	13.3		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





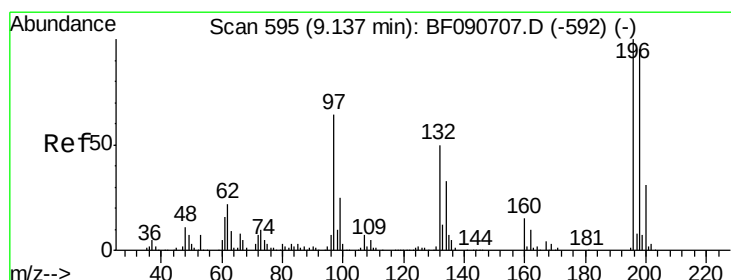
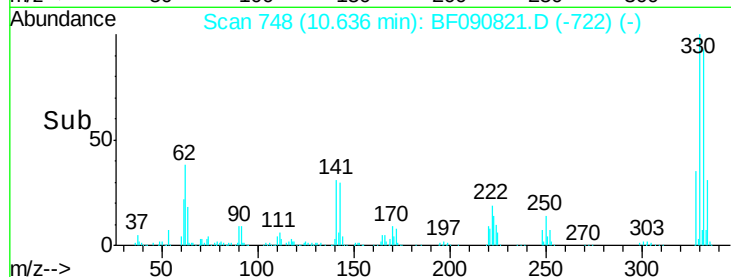
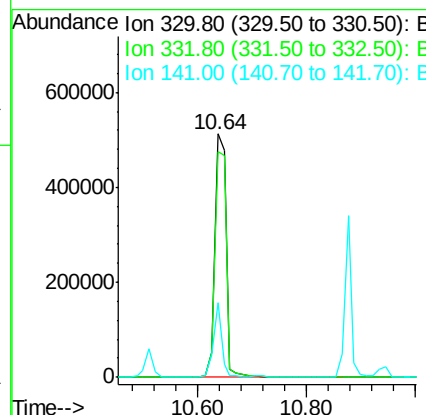
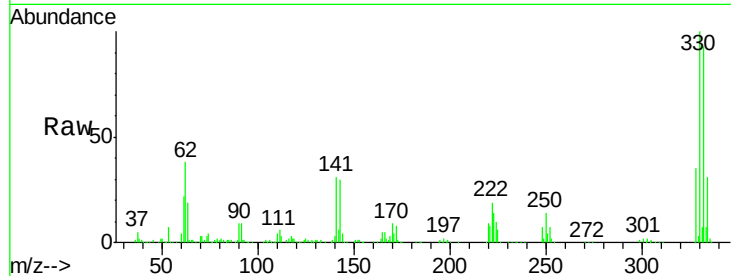
#41
 2,4,6-Tribromophenol
 Concen: 209.47 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-NORTHMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	76.6	114.8	
141	21.9	29.7	44.5	

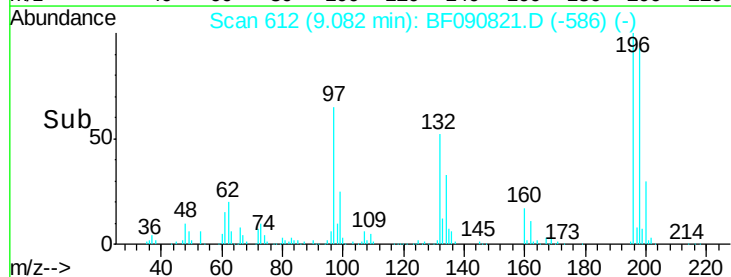
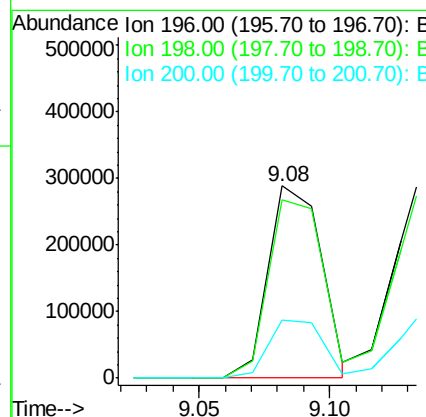
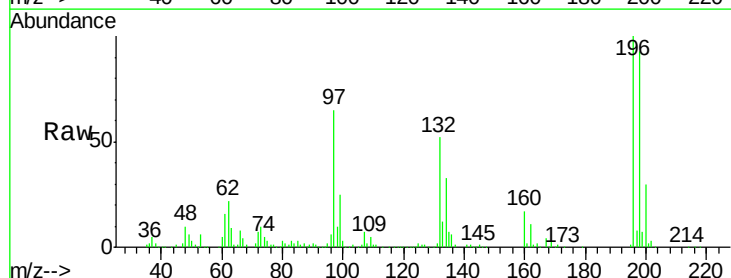
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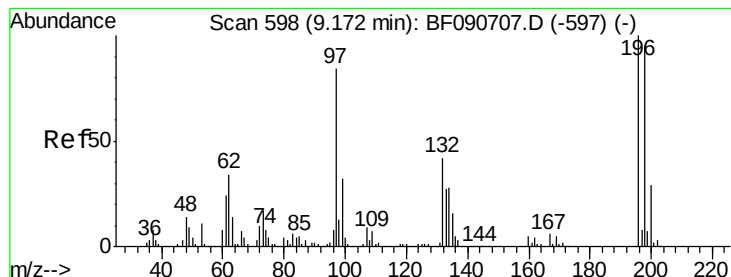
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#42
 2,4,6-Trichlorophenol
 Concen: 53.81 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.0	75.7	113.5	
200	30.1	23.9	35.9	





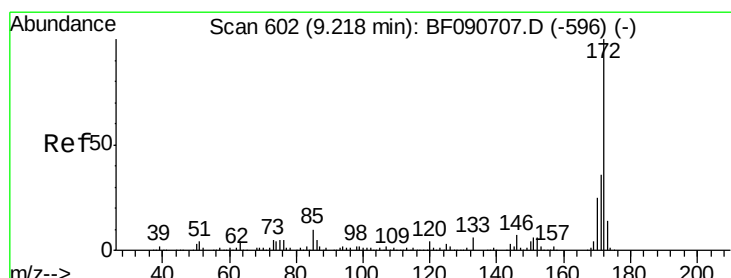
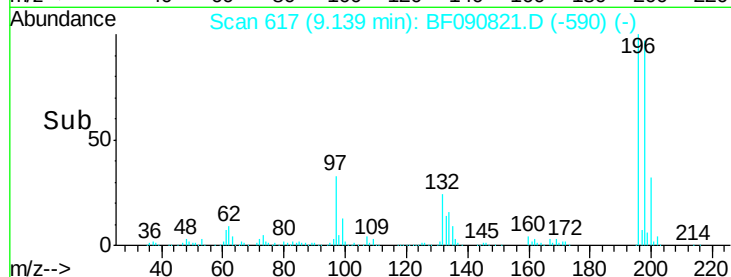
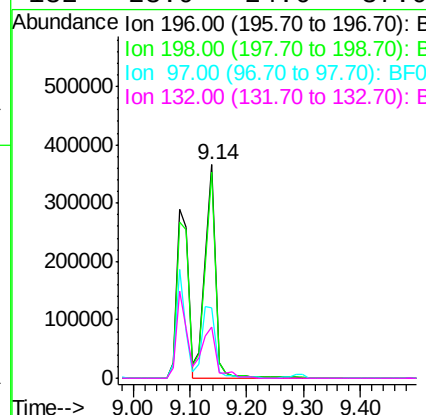
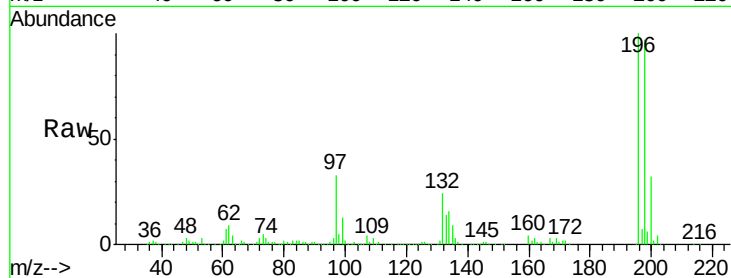
#43
 2,4,5-Trichlorophenol
 Concen: 60.04 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-NORTHMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	464558		
198	96.7		75.4	113.0
97	33.1		33.3	49.9
132	23.9		24.6	37.0

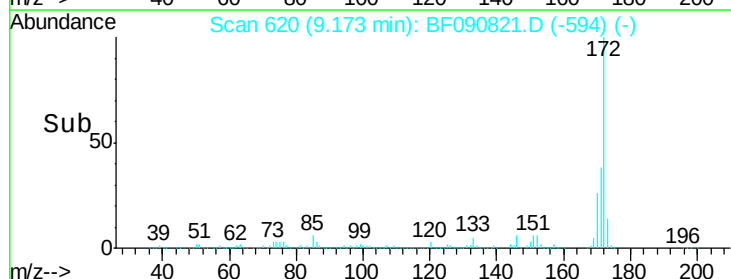
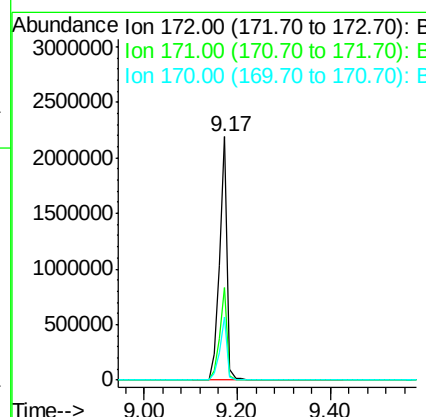
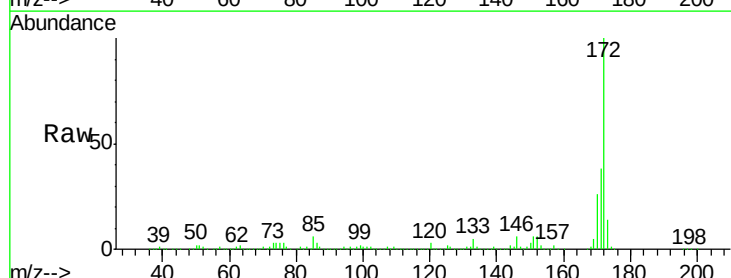
Manual Integrations
 APPROVED

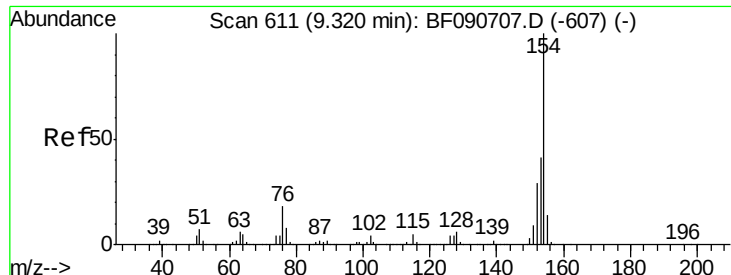
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#44
 2-Fluorobiphenyl
 Concen: 84.98 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2492575		
171	37.8		26.1	39.1
170	25.9		17.4	26.2





#45

1,1'-Biphenyl

Concen: 43.61 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

ClientSampleId :

BOTTOM-NORTHMSD

Tot Ion:154 Resp: 1559425

Ion Ratio Lower Upper

154 100

153 41.4 17.1 57.1

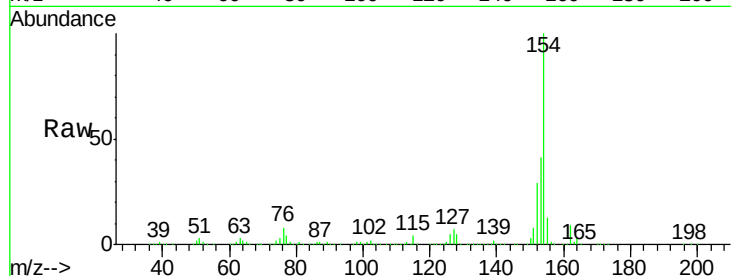
76 8.4 0.0 31.6

Manual Integrations

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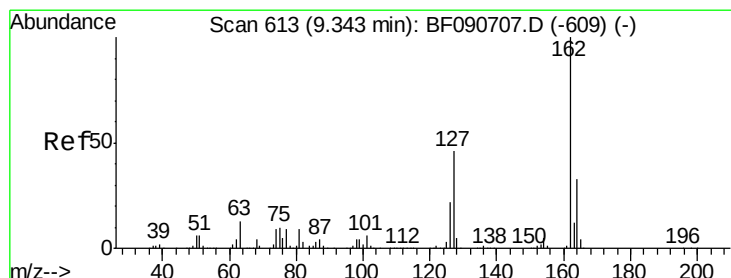
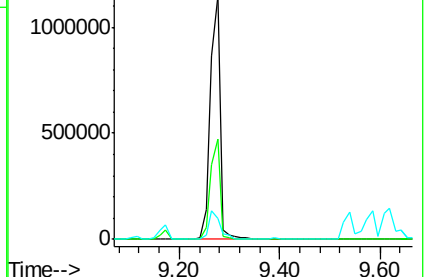
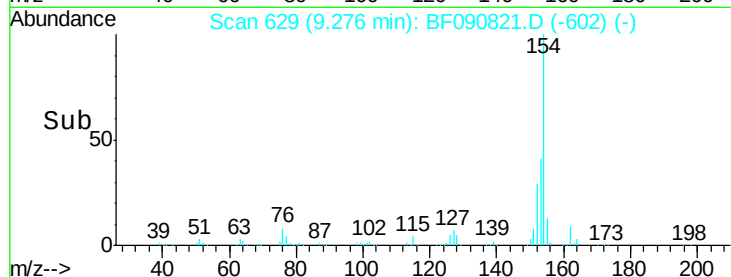
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.80 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.01 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

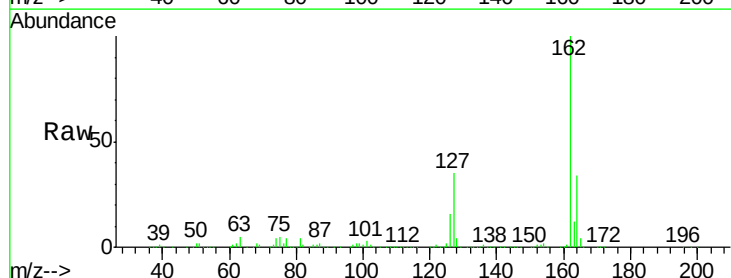
Tgt Ion:162 Resp: 1270474

Ion Ratio Lower Upper

162 100

127 35.4 27.6 41.4

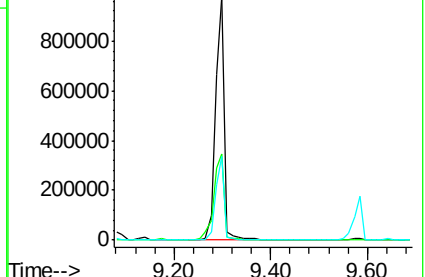
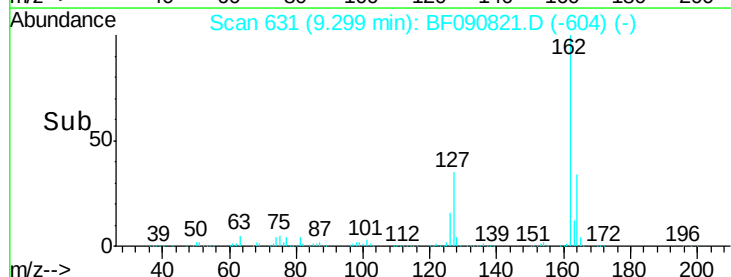
164 34.4 25.4 38.2

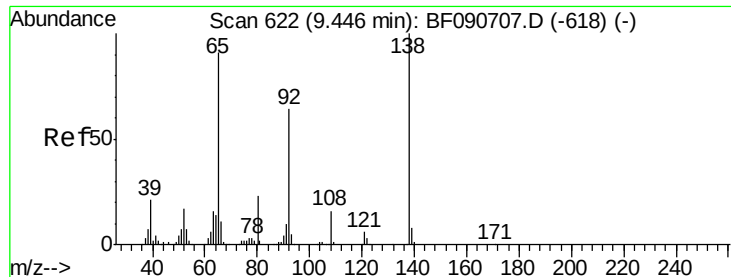


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





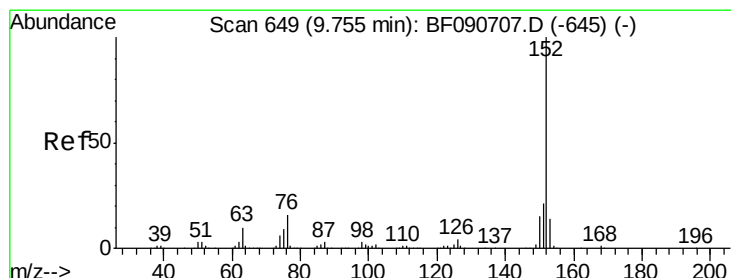
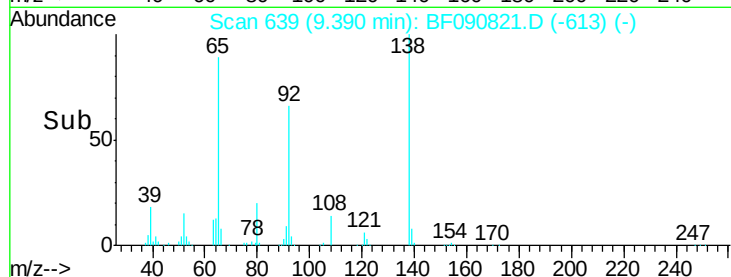
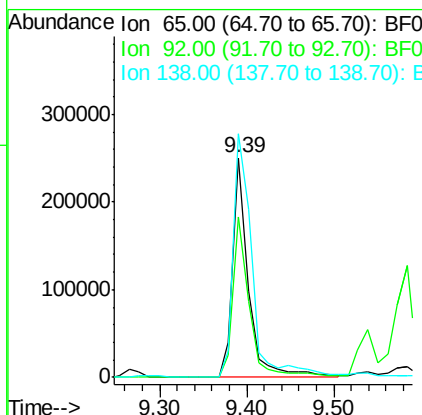
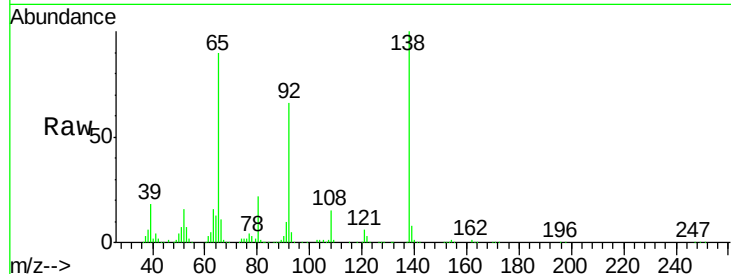
#47
2-Nitroaniline
Concen: 35.85 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.9	55.4	83.0
138	111.0	115.5	173.3#

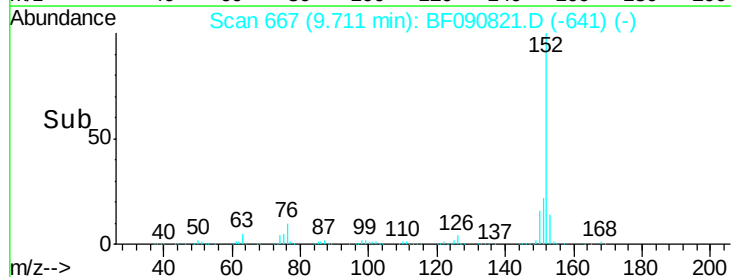
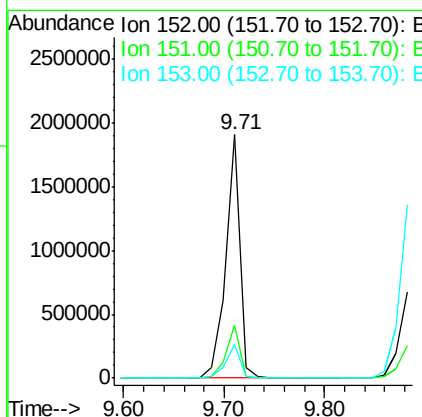
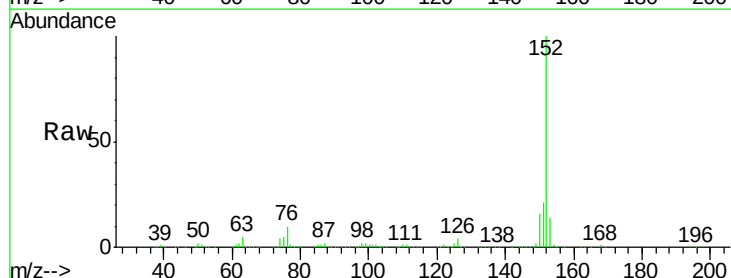
Manual Integrations
APPROVED

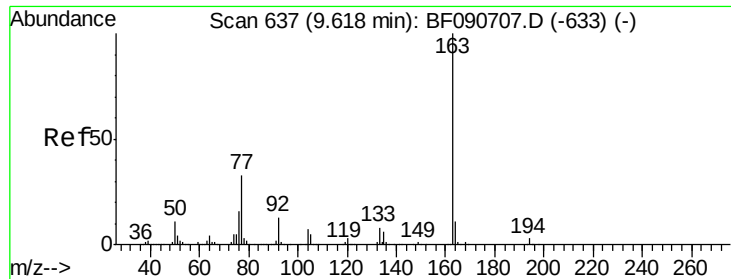
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#48
Acenaphthylene
Concen: 46.02 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	14.6	22.0
153	14.0	10.3	15.5





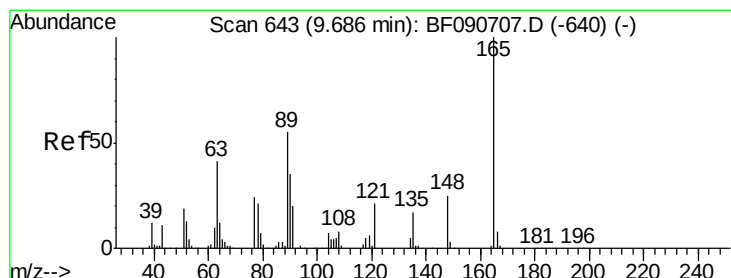
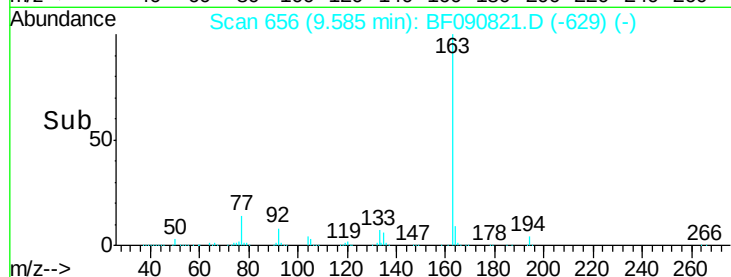
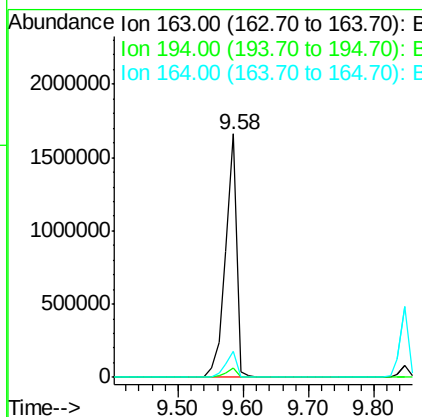
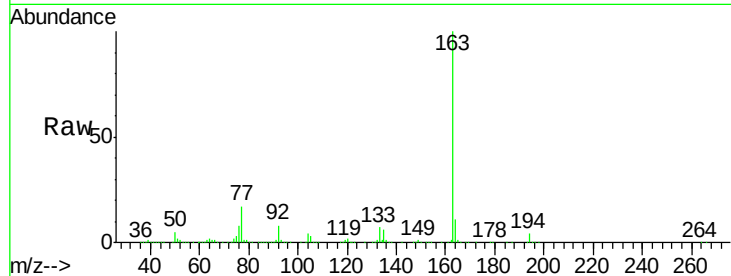
#49
Dimethylphthalate
Concen: 69.22 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

Tot Ion:163 Resp: 1980500
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 10.6 8.3 12.5

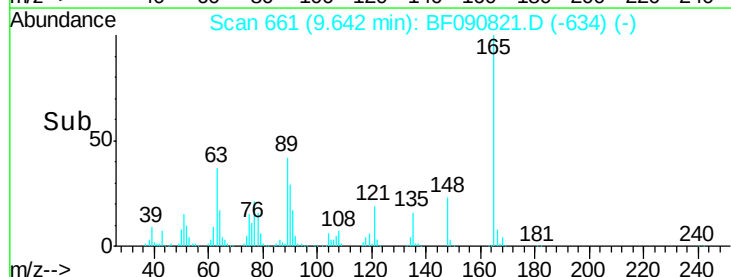
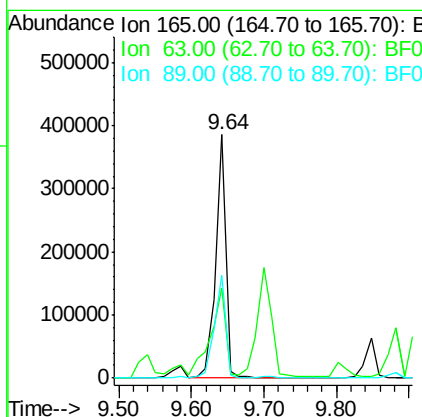
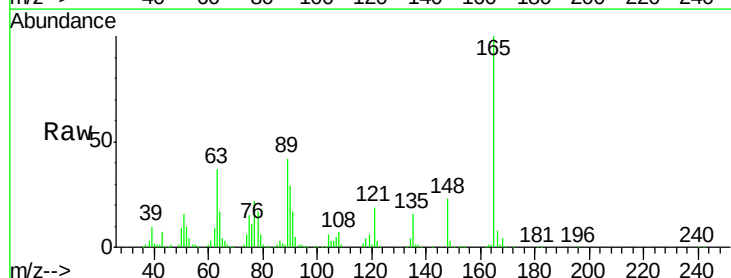
Manual Integrations
APPROVED

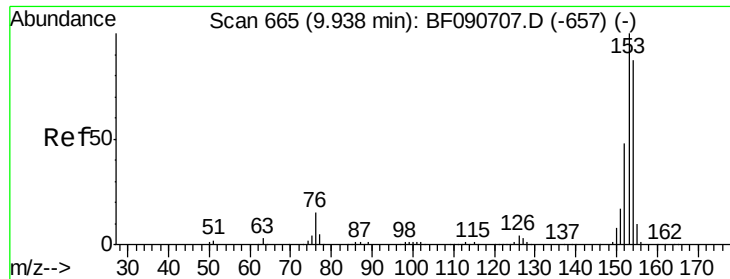
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#50
2,6-Dinitrotoluene
Concen: 61.27 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion:165 Resp: 376956
Ion Ratio Lower Upper
165 100
63 36.9 32.3 48.5
89 42.0 28.6 43.0





#51

Acenaphthene

Concen: 43.17 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

ClientSampleId :

BOTTOM-NORTHMSD

Tot Ion:154 Resp: 1162208

Ion Ratio Lower Upper

154 100

153 113.5 82.1 123.1

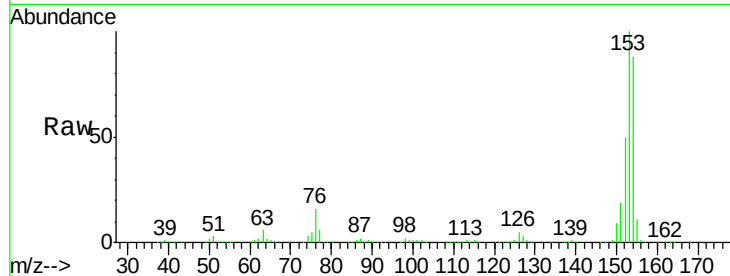
152 56.3 37.9 56.9

Manual Integrations

APPROVED

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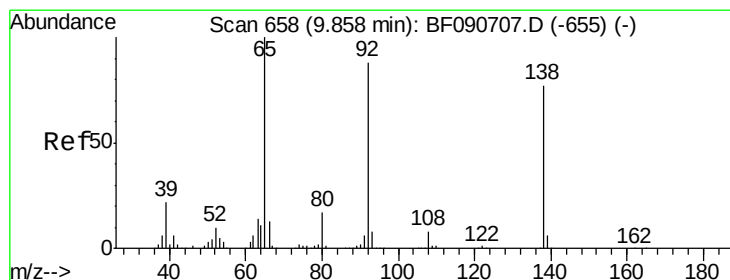
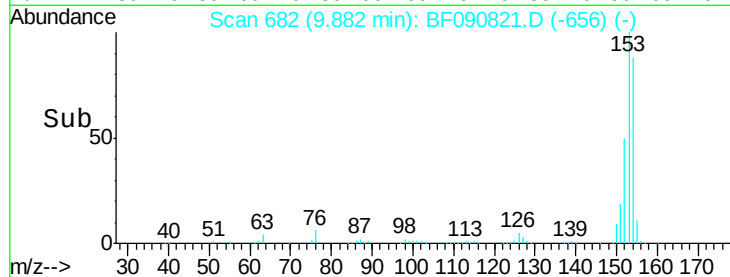
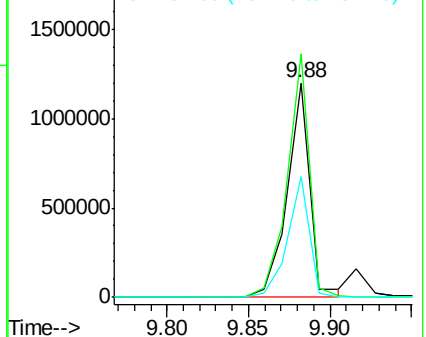
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.62 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Tgt Ion:138 Resp: 223661

Ion Ratio Lower Upper

138 100

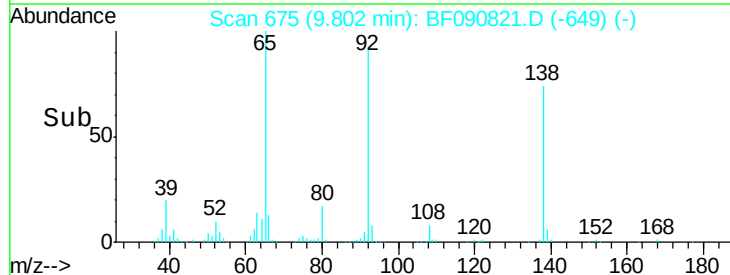
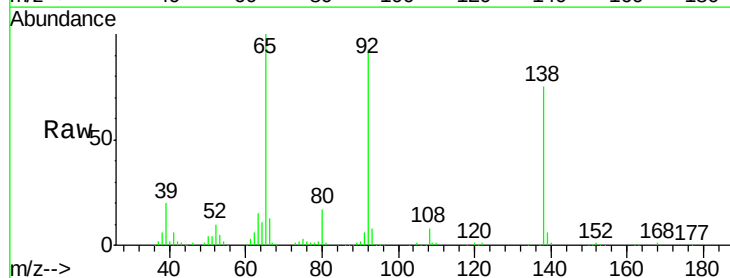
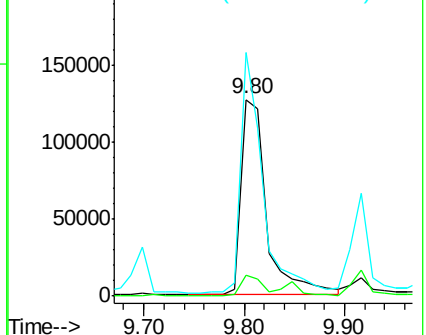
108 10.7 5.7 8.5#

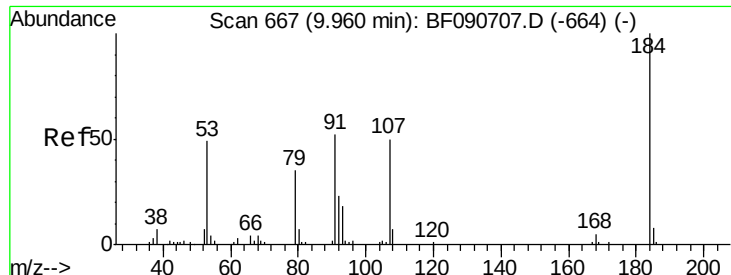
92 124.0 67.7 101.5#

Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





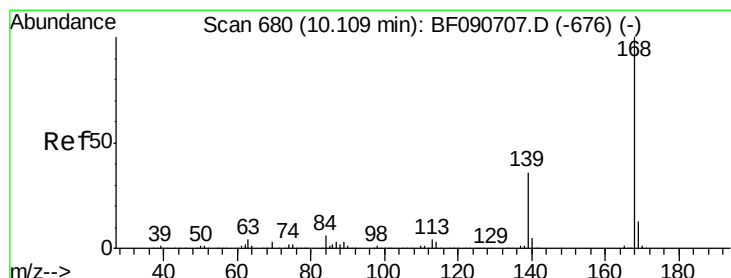
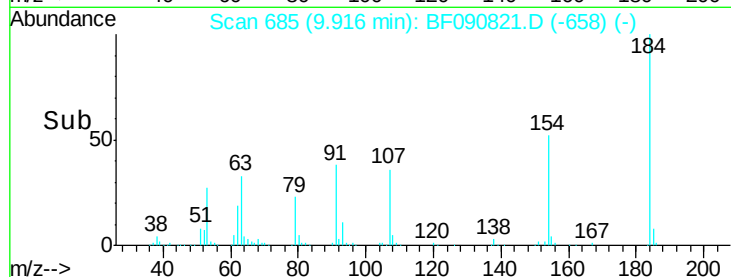
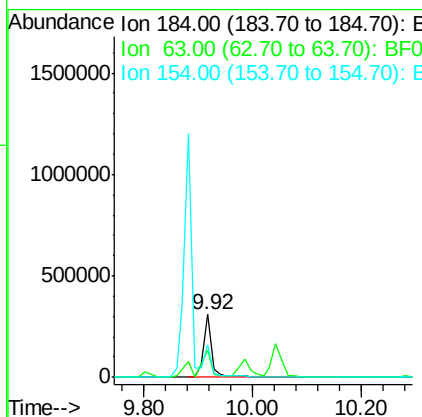
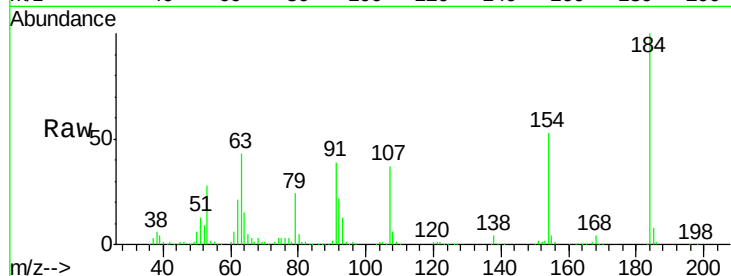
#53
2,4-Dinitrophenol
Concen: 90.20 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	43.3	35.4	53.2
154	52.7	32.2	48.4

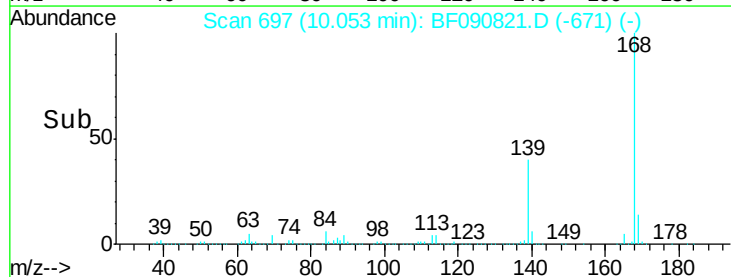
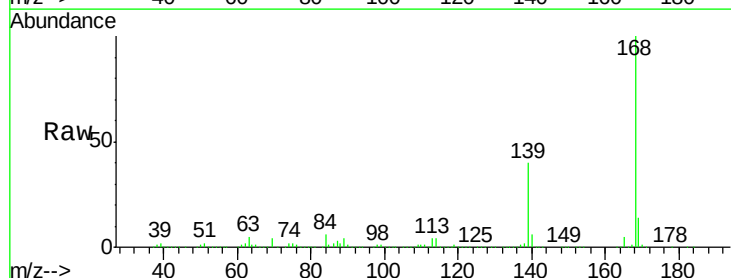
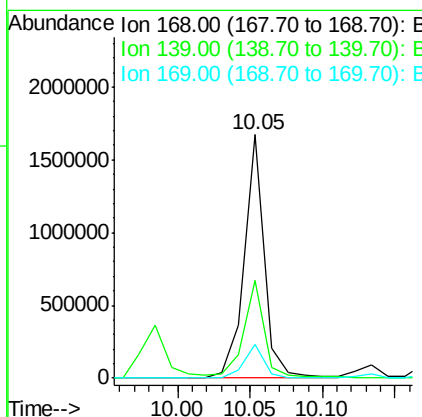
Manual Integrations
APPROVED

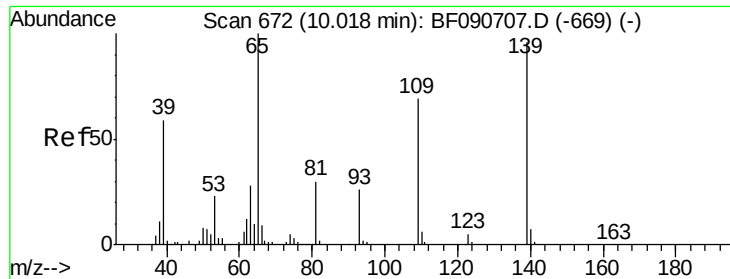
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#54
Dibenzofuran
Concen: 49.38 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	24.2	36.2
169	14.1	10.6	15.8





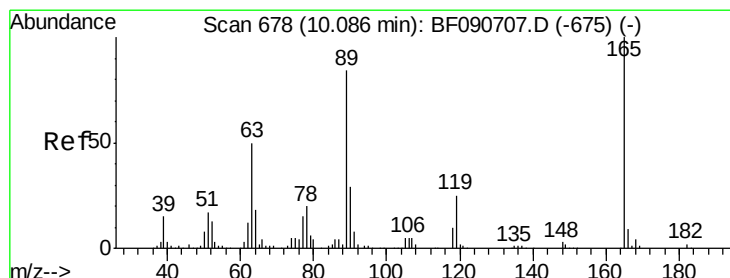
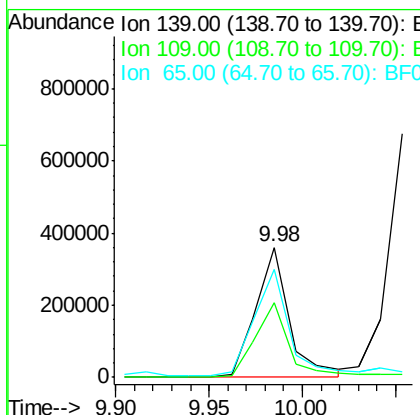
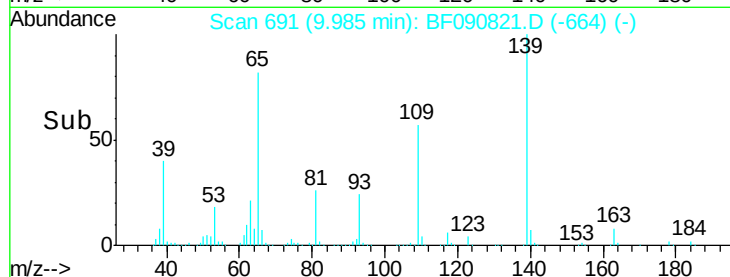
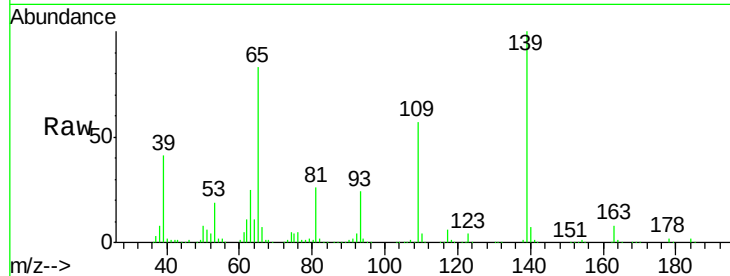
#55
4-Nitrophenol
Concen: 101.12 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	57.4	12.7	52.7#
65	82.9	45.9	85.9

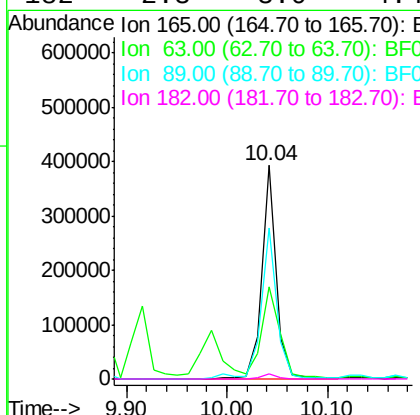
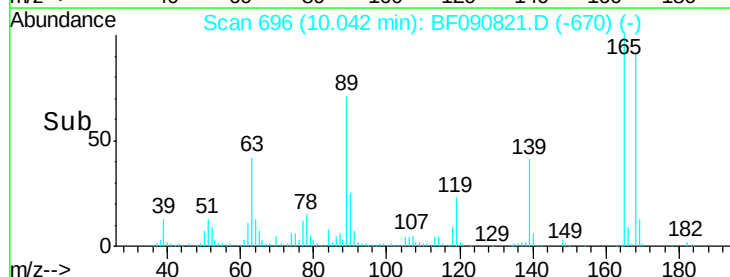
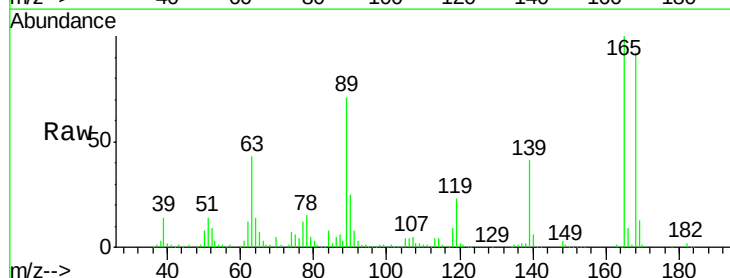
Manual Integrations
APPROVED

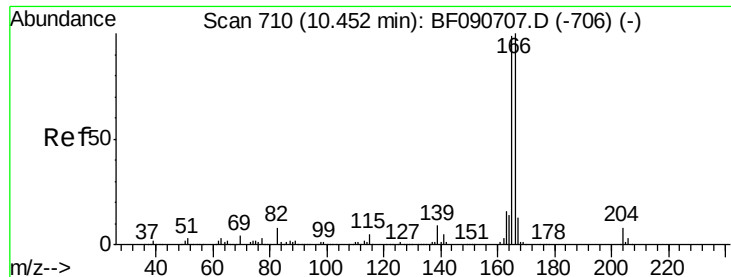
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#56
2,4-Dinitrotoluene
Concen: 52.48 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.0	29.8	44.6
89	70.6	44.5	66.7#
182	2.3	3.0	4.4#





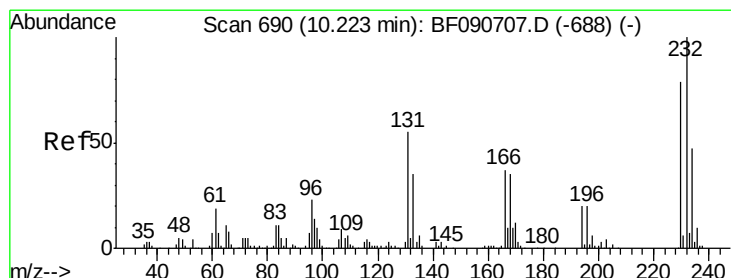
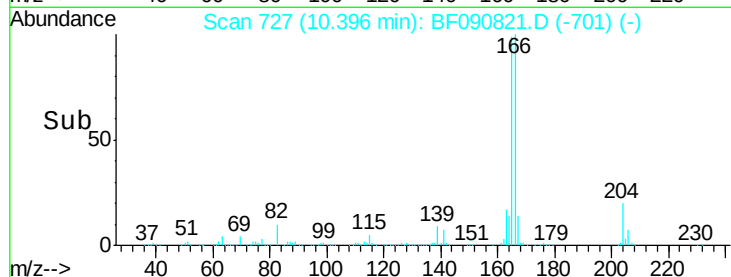
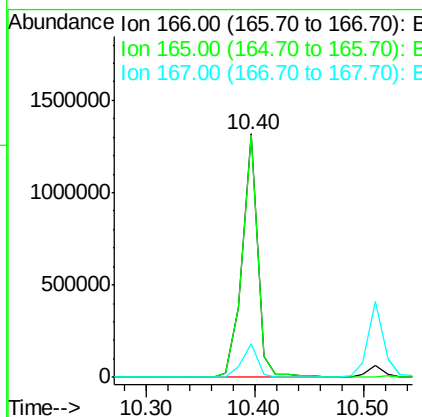
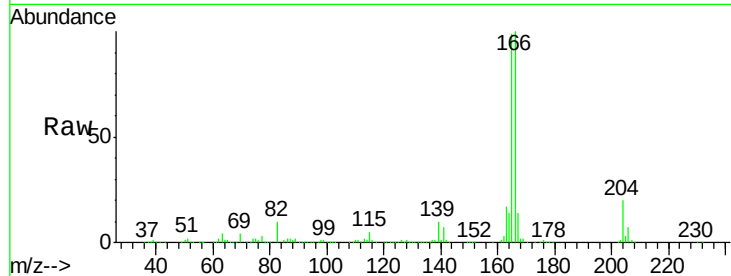
#57
 Fluorene
 Concen: 47.92 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-NORTHMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	72.6	109.0
167	13.9	10.6	16.0

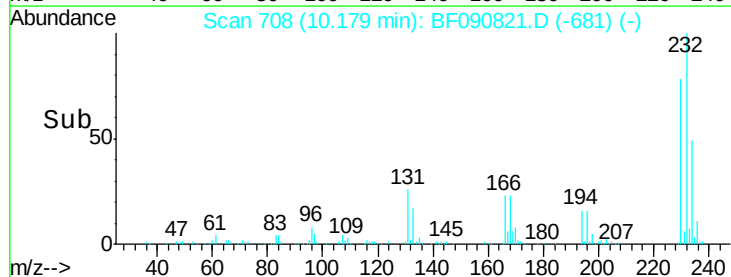
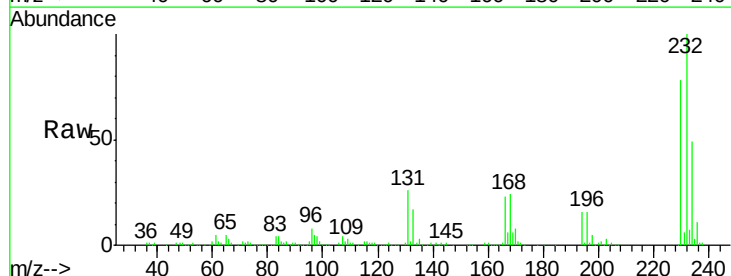
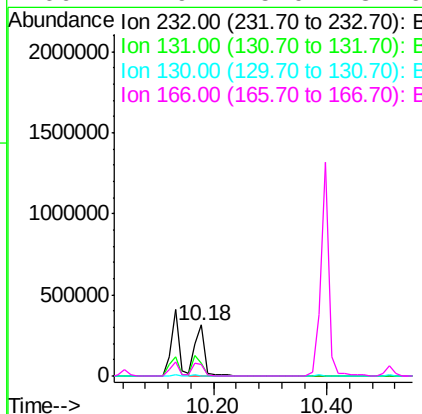
Manual Integrations
 APPROVED

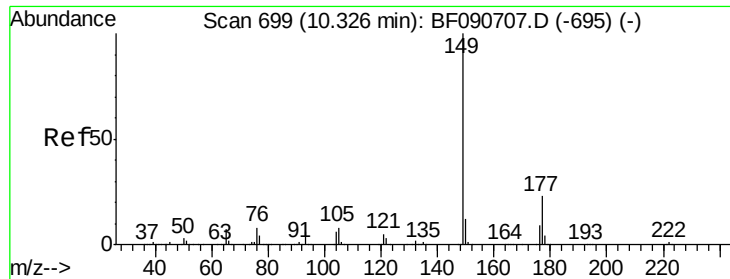
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 64.02 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.3	38.5	57.7
130	1.7	1.8	2.6#
166	27.9	25.0	37.6





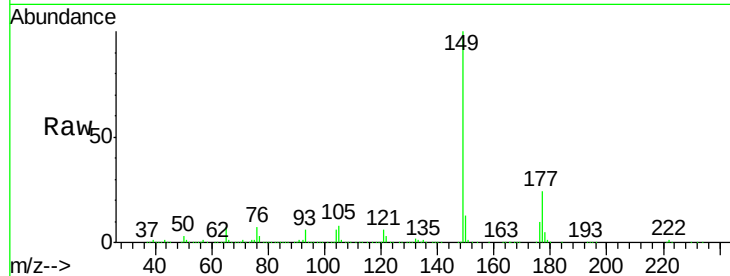
#59
Diethylphthalate
Concen: 51.05 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

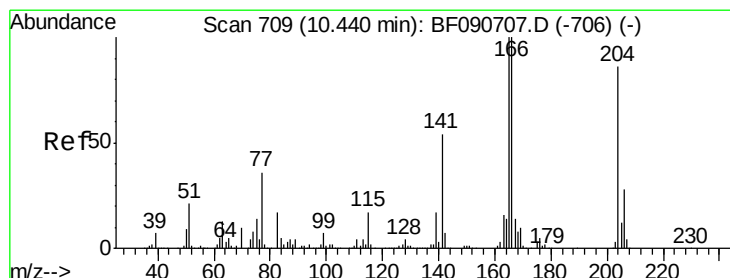
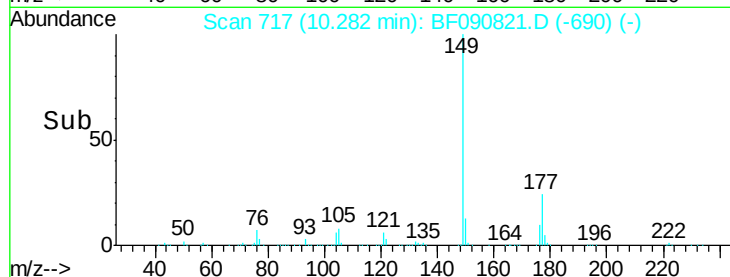
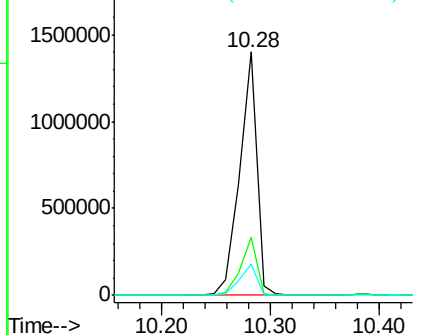
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	17.5	26.3
150	12.8	9.4	14.2

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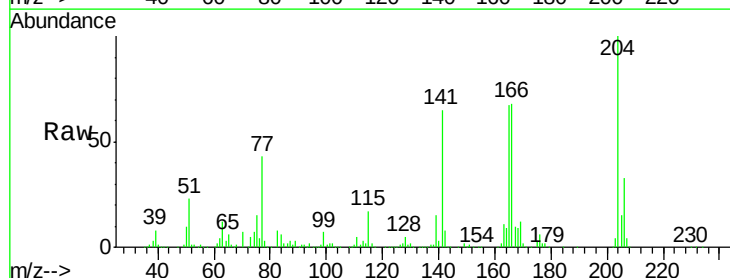


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

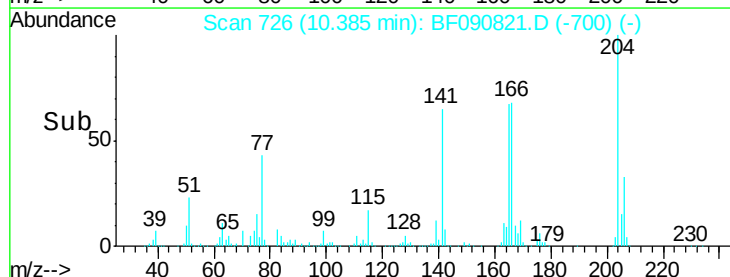
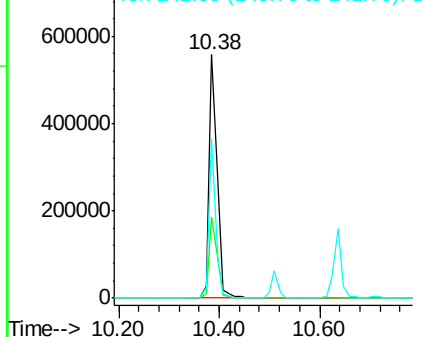


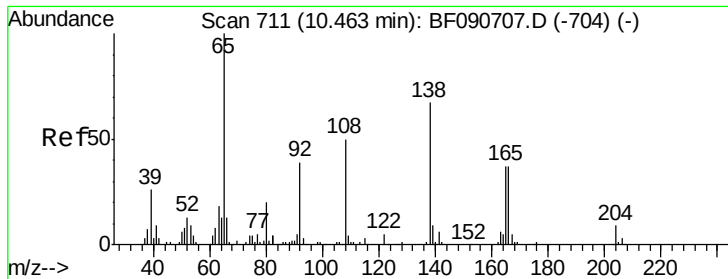
#60
4-Chlorophenyl-phenylether
Concen: 49.93 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	24.8	37.2
141	65.3	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





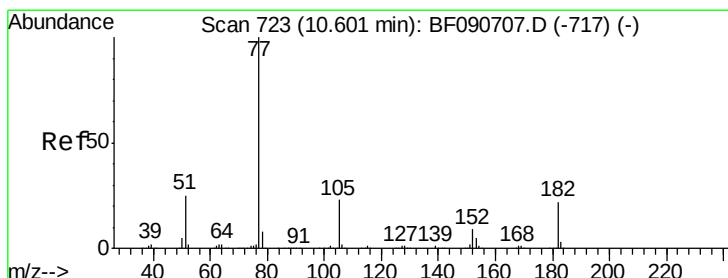
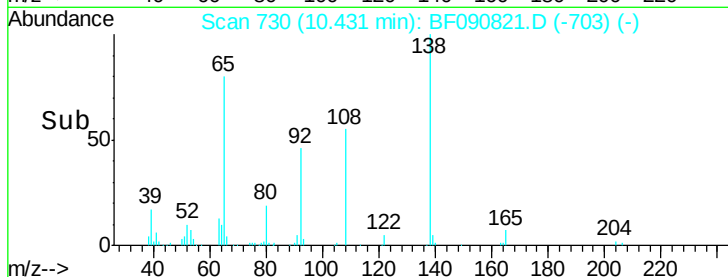
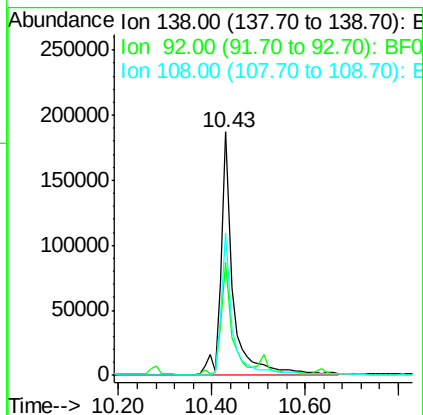
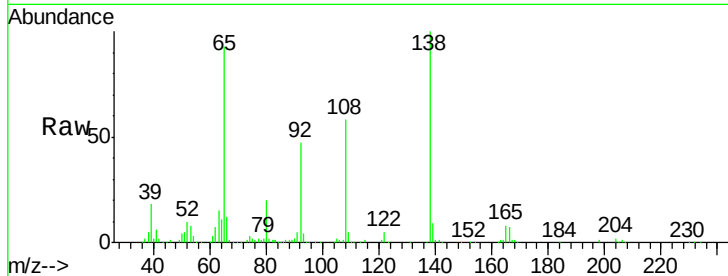
#61
4-Nitroaniline
Concen: 46.10 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	330204		
92	46.6	12.6	52.6	
108	58.3	12.4	52.4#	

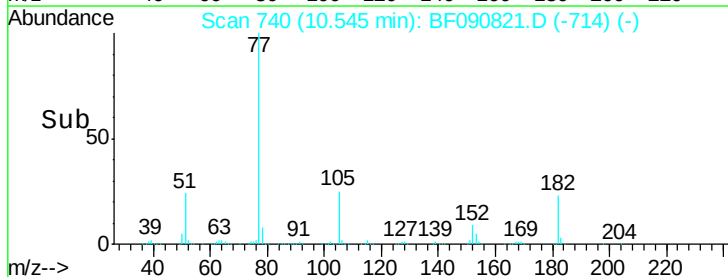
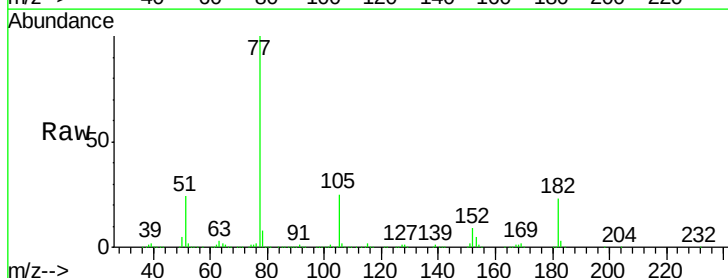
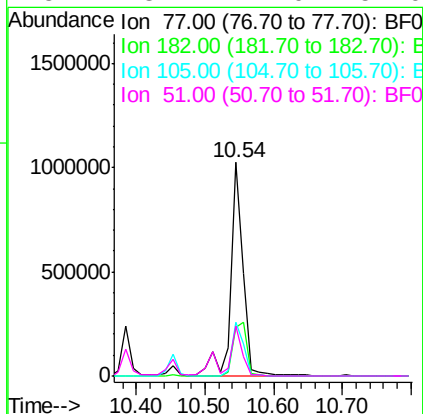
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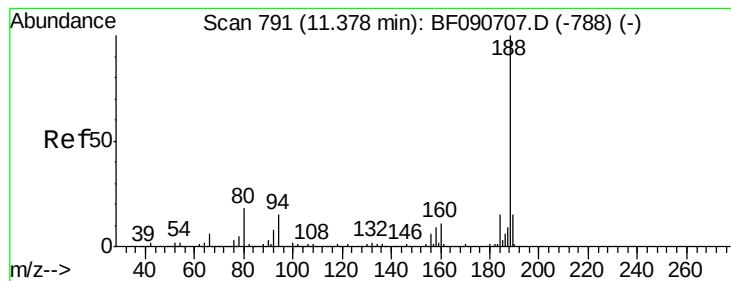
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#62
Azobenzene
Concen: 37.31 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1296593		
182	22.9	15.1	55.1	
105	25.1	3.4	43.4	
51	23.7	12.0	52.0	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

ClientSampleId :

BOTTOM-NORTHMSD

Tot Ion:188 Resp: 748968

Ion Ratio Lower Upper

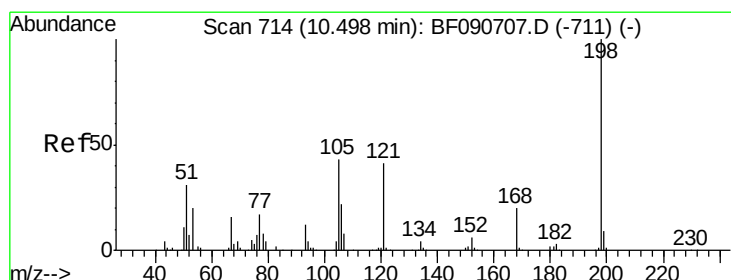
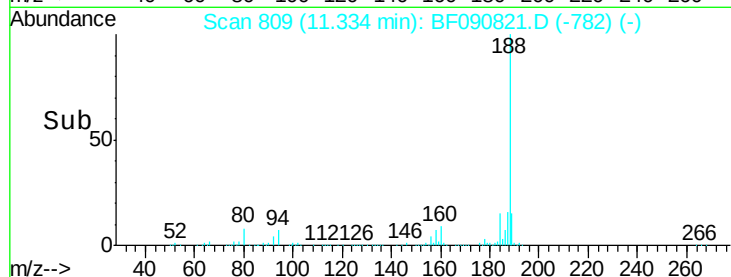
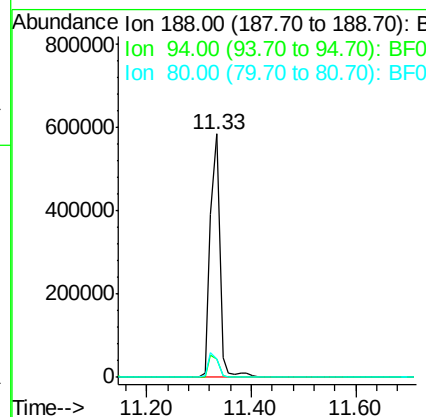
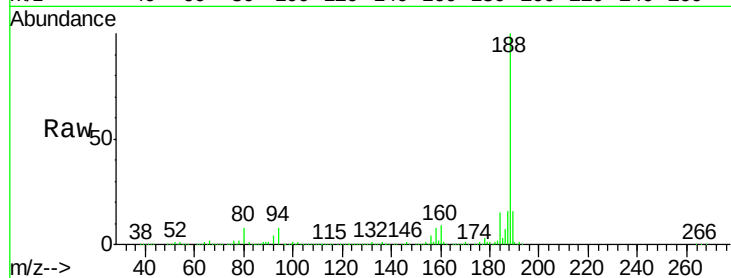
188 100

94 7.6 11.1 16.7#

80 7.7 11.0 16.4#

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#64

4,6-Dinitro-2-methylphenol

Concen: 48.56 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

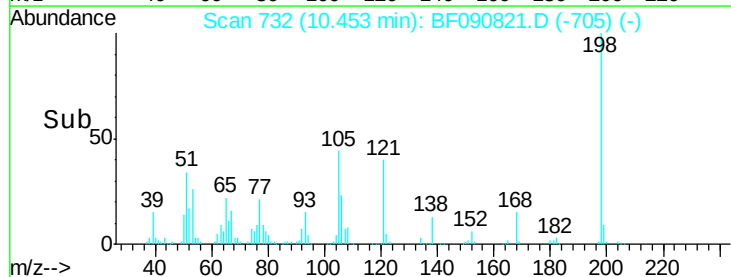
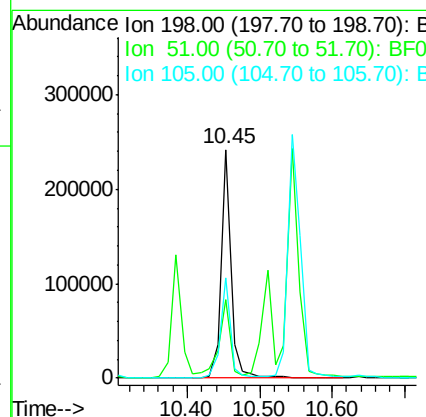
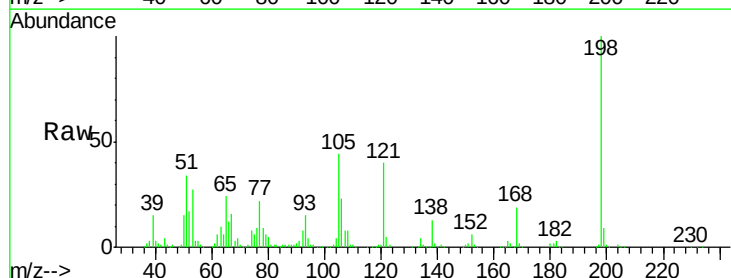
Tgt Ion:198 Resp: 232387

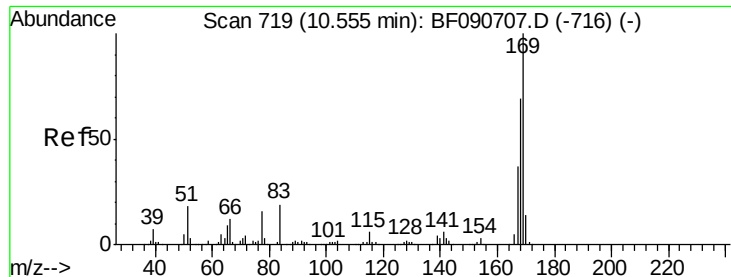
Ion Ratio Lower Upper

198 100

51 34.1 39.6 79.6#

105 43.8 28.5 68.5





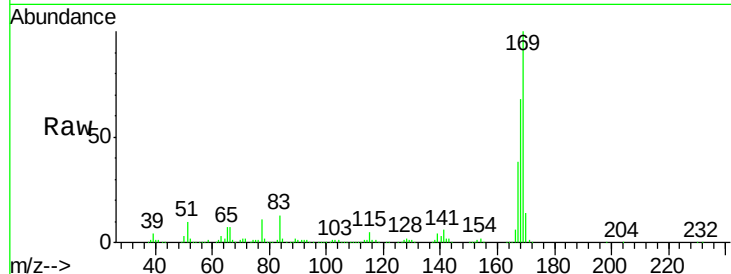
#65
n-Nitrosodiphenylamine
Concen: 47.55 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

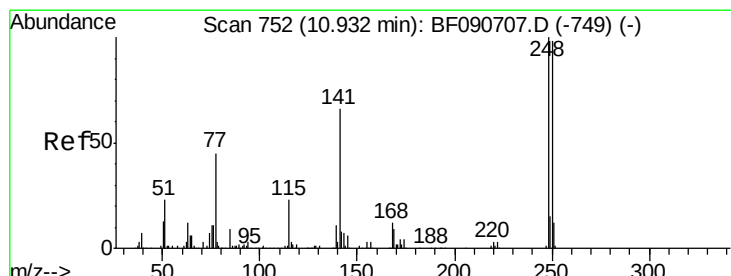
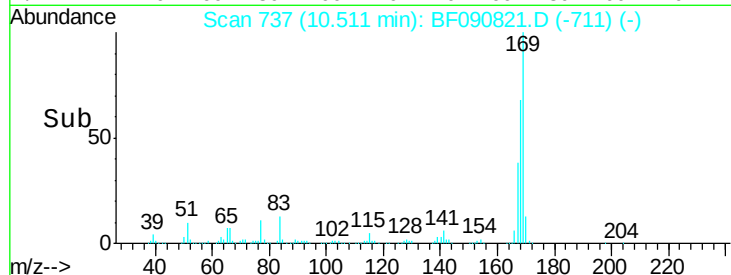
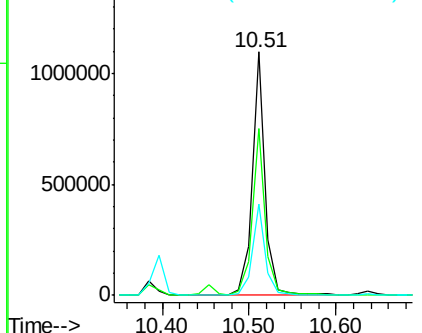
Tot Ion:169 Resp: 1140922
Ion Ratio Lower Upper
169 100
168 68.4 48.9 73.3
167 37.6 26.2 39.4

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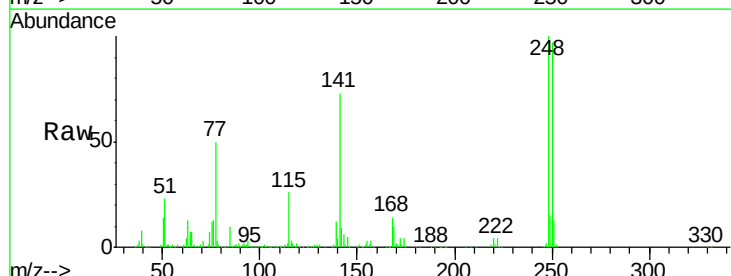


Abundance Ion 169.00 (168.70 to 169.70): E
1500000
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

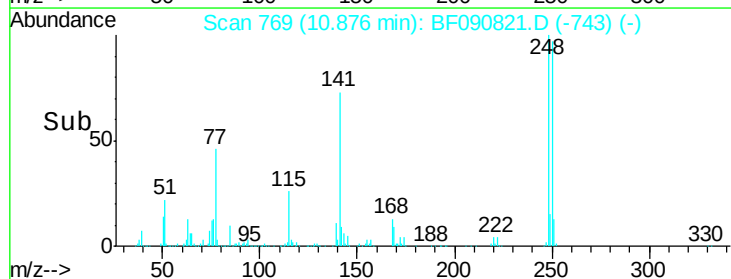
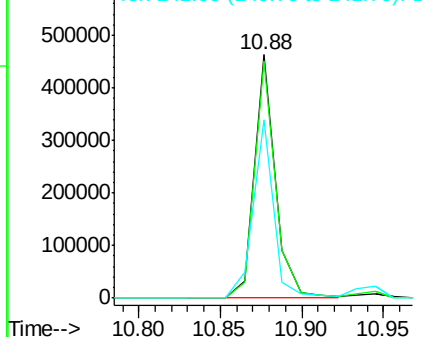


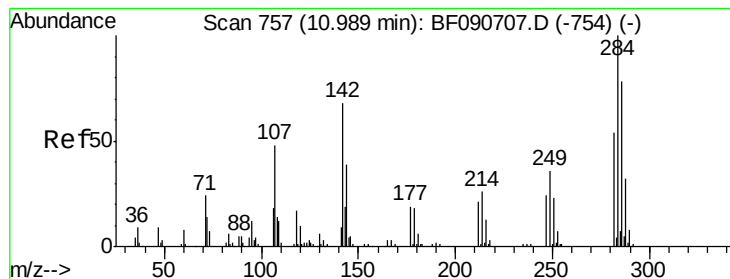
#66
4-Bromophenyl-phenylether
Concen: 57.50 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion:248 Resp: 417477
Ion Ratio Lower Upper
248 100
250 97.3 78.5 117.7
141 73.2 59.0 88.6



Abundance Ion 248.00 (247.70 to 248.70): E
600000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 62.08 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

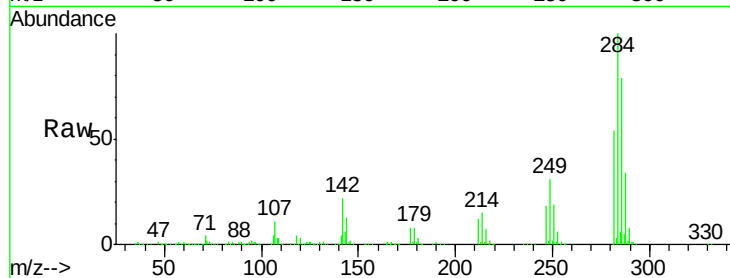
ClientSampleId :

BOTTOM-NORTHMSD

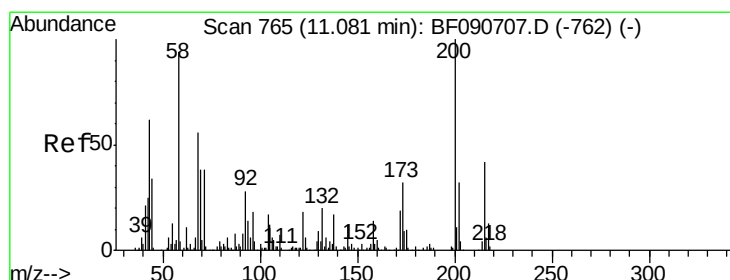
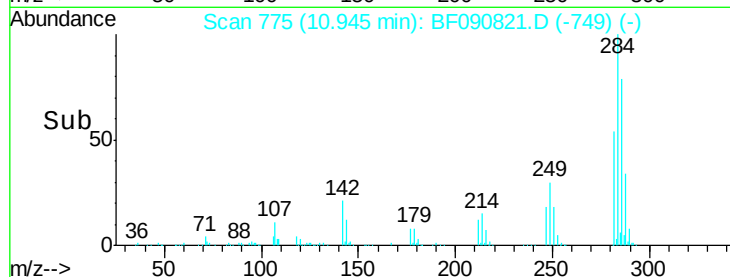
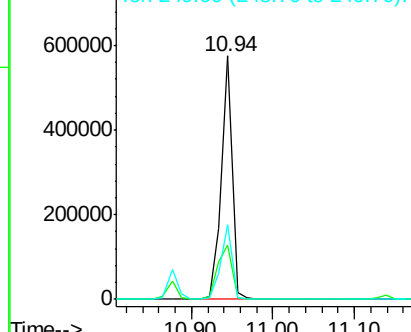
Tot Ion:	284	Resp:	531871
Ion Ratio	Lower	Upper	
284	100		
142	22.0	29.5	44.3#
249	30.5	19.5	29.3#

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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: 62.26 ng

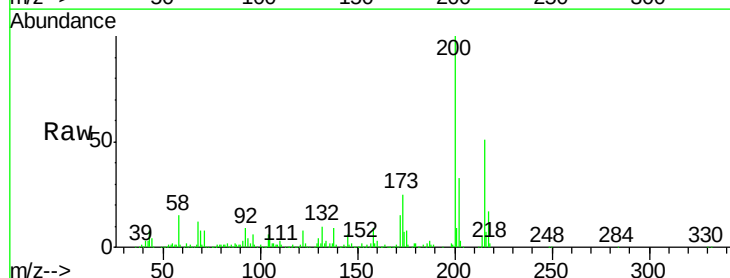
RT: 11.05 min Scan# 784

Delta R.T. 0.01 min

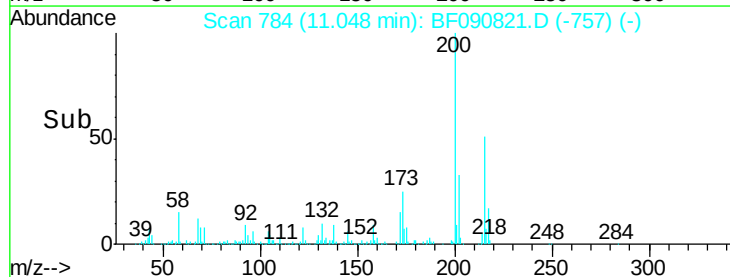
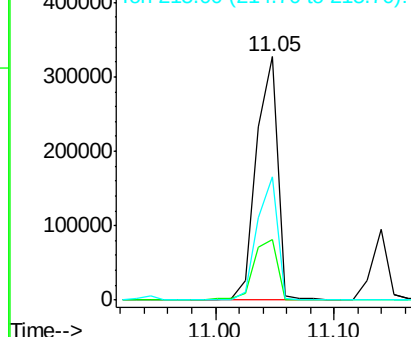
Lab File: BF090821.D

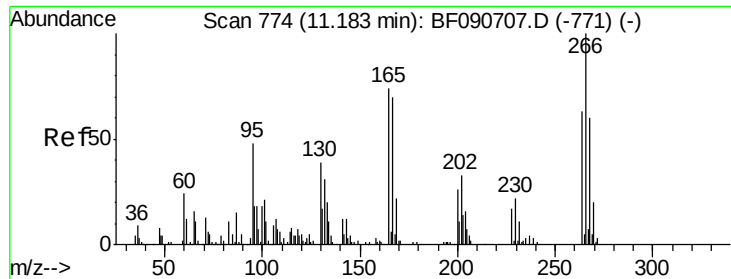
Acq: 25 Oct 2016 21:34

Tgt Ion:	200	Resp:	412323
Ion Ratio	Lower	Upper	
200	100		
173	24.9	13.2	53.2
215	50.9	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





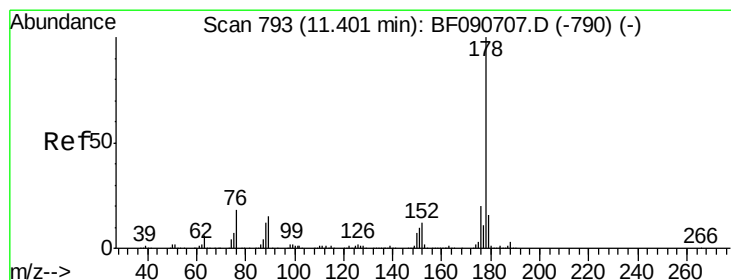
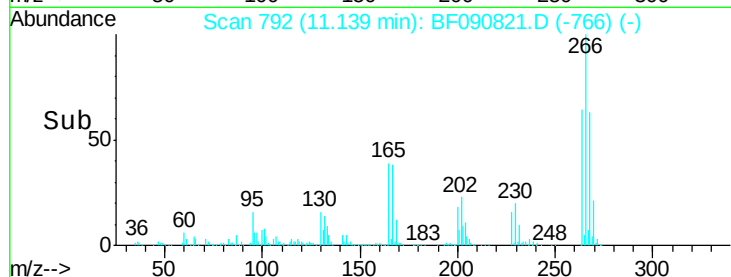
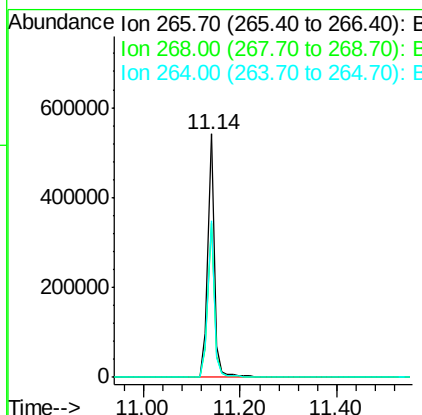
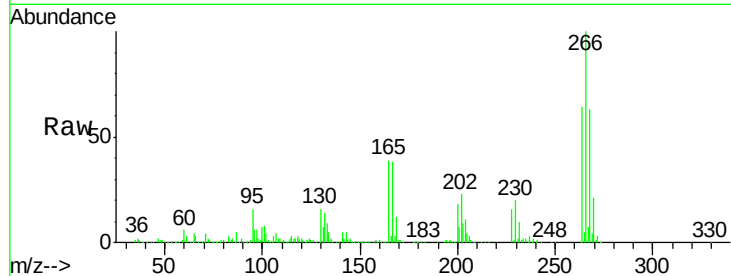
#69
 Pentachlorophenol
 Concen: 91.86 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-NORTHMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	49.8	74.6
264	64.1	50.2	75.2

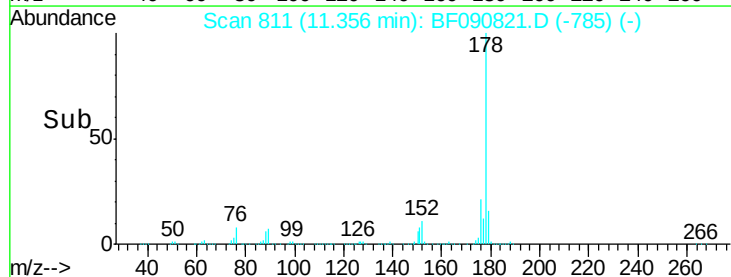
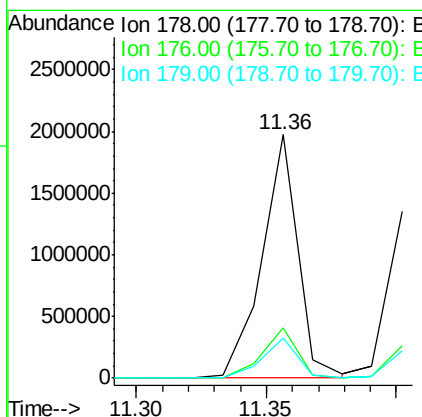
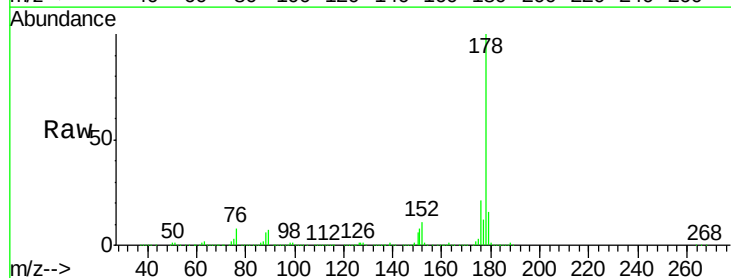
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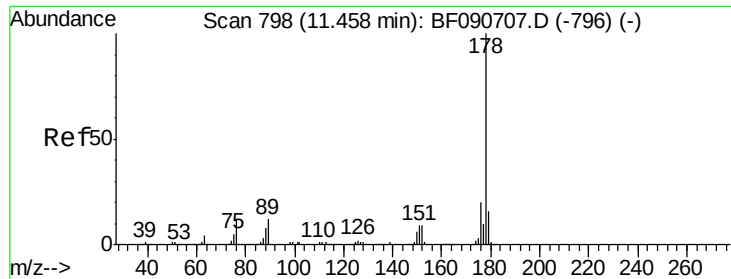
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#70
 Phenanthrene
 Concen: 49.66 ng m
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	13.8	20.8#
179	16.4	12.2	18.2





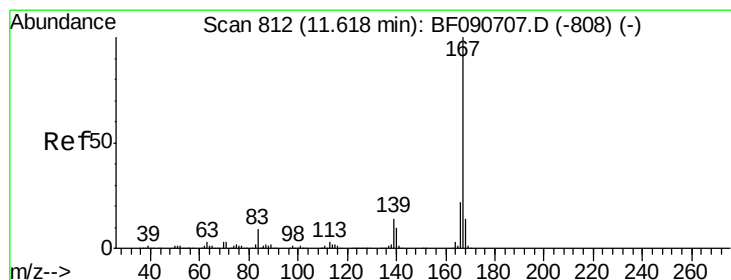
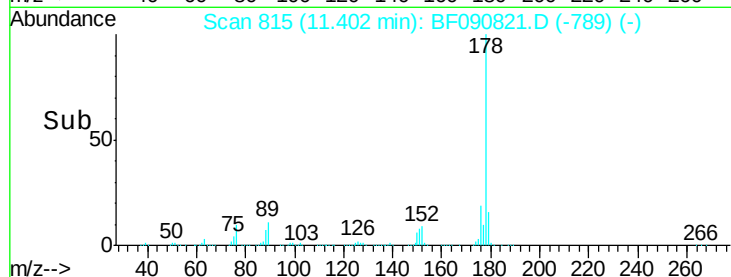
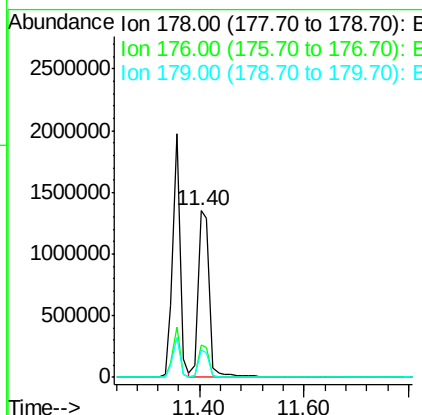
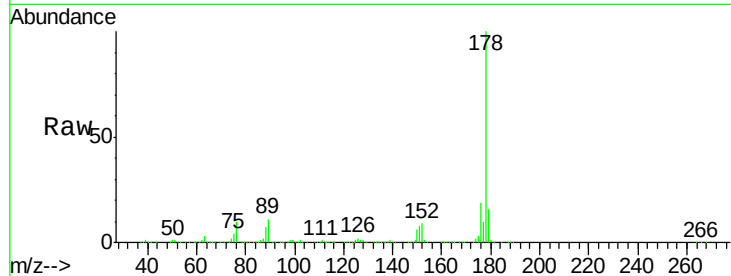
#71
 Anthracene
 Concen: 48.07 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-NORTHMSD

Tot Ion:178 Resp: 2035160
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.1 21.1
 179 16.4 12.2 18.2

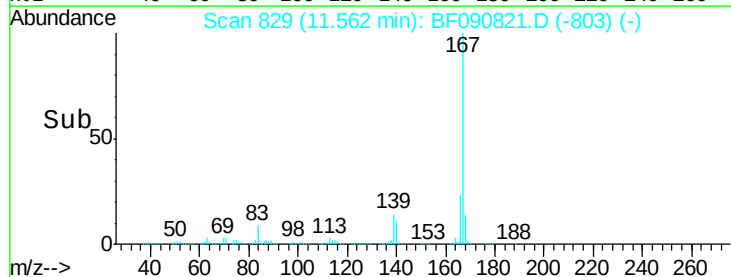
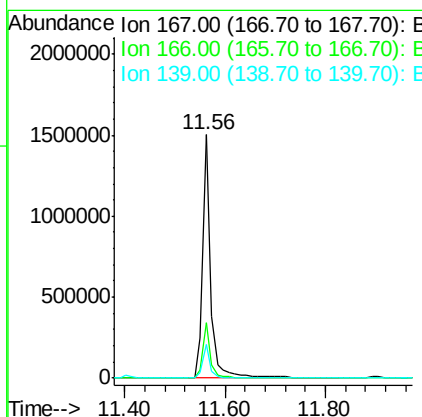
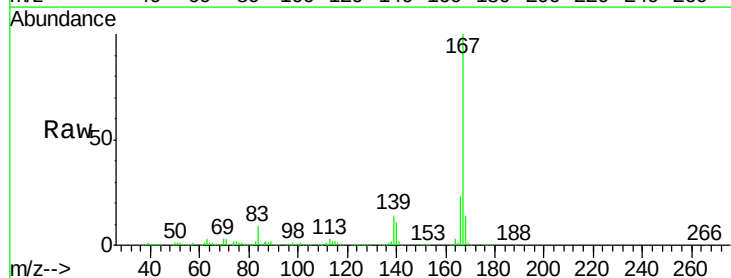
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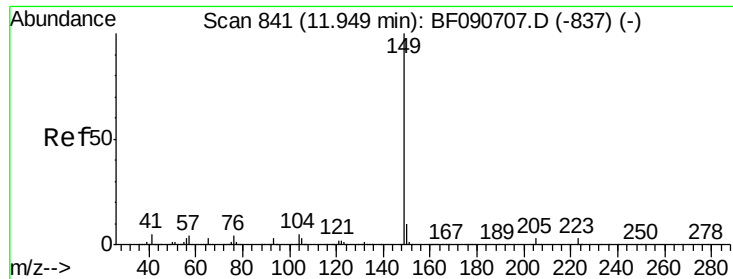
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#72
 Carbazole
 Concen: 47.87 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Tgt Ion:167 Resp: 1694579
 Ion Ratio Lower Upper
 167 100
 166 23.0 15.7 23.5
 139 14.1 9.5 14.3





#73

Di-n-butylphthalate

Concen: 45.02 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

ClientSampleId :

BOTTOM-NORTHMSD

Tot Ion:149 Resp: 2067015

Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.2

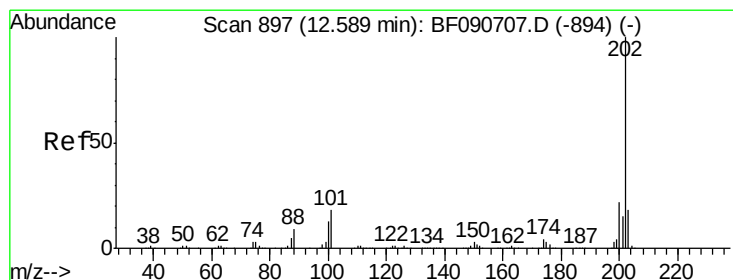
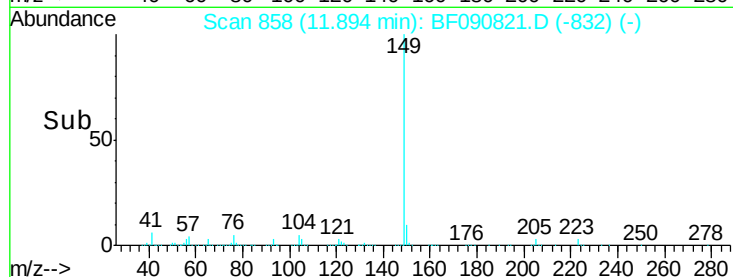
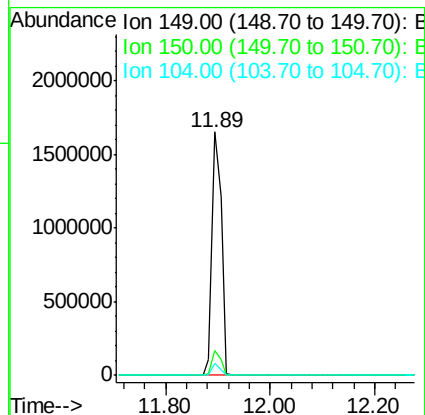
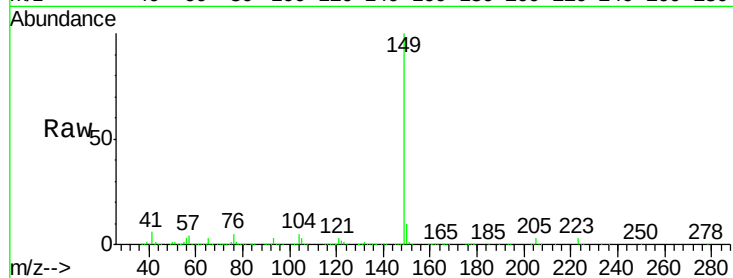
104 5.0 2.4 3.6#

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#74

Fluoranthene

Concen: 54.37 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

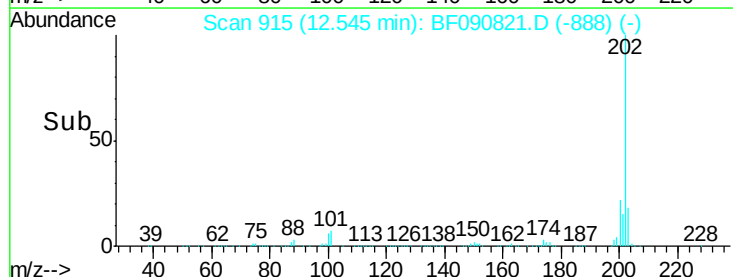
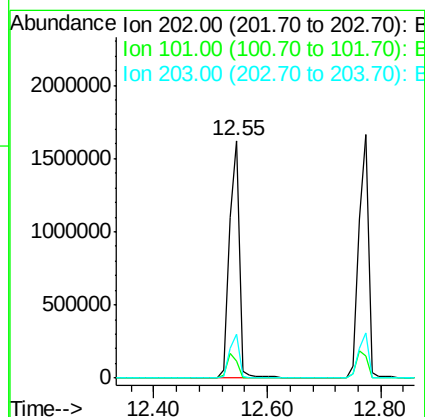
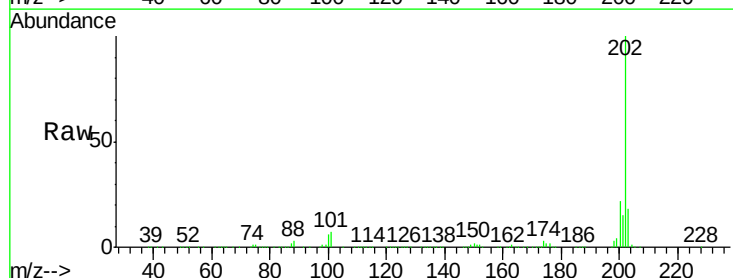
Tgt Ion:202 Resp: 2007849

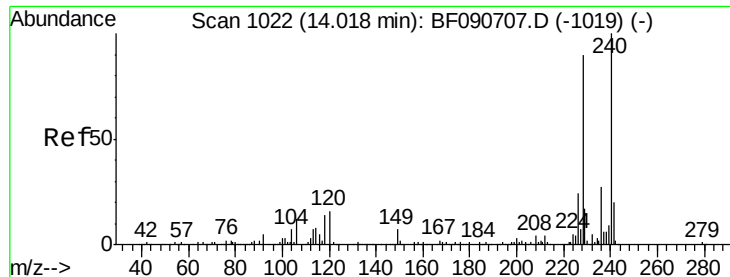
Ion Ratio Lower Upper

202 100

101 7.4 0.0 38.3

203 18.3 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

ClientSampleId :

BOTTOM-NORTHMSD

Tot Ion:240 Resp: 488788

Ion Ratio Lower Upper

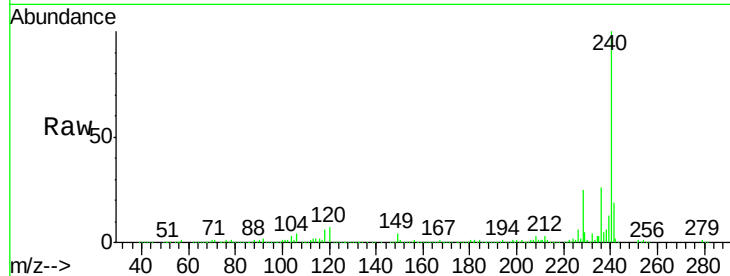
240 100

120 7.0 16.2 24.2#

236 26.2 18.4 27.6

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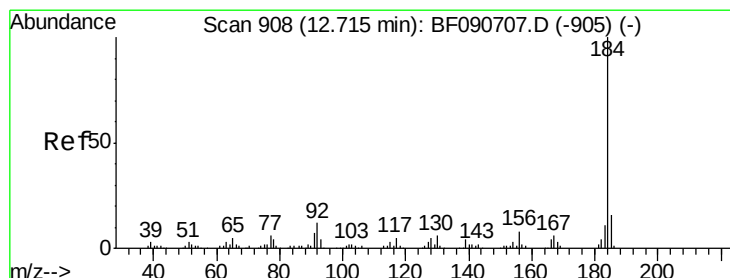
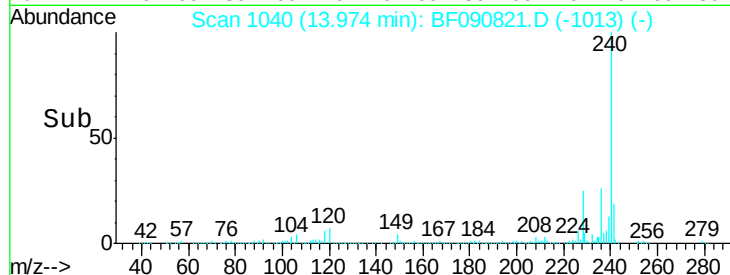
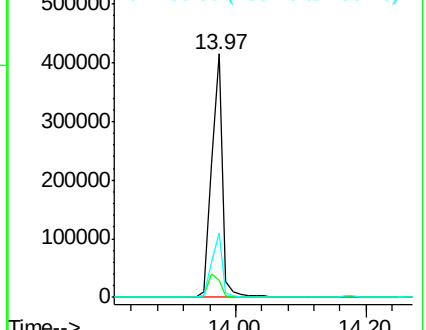
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.03 ng

RT: 12.67 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Tgt Ion:184 Resp: 553832

Ion Ratio Lower Upper

184 100

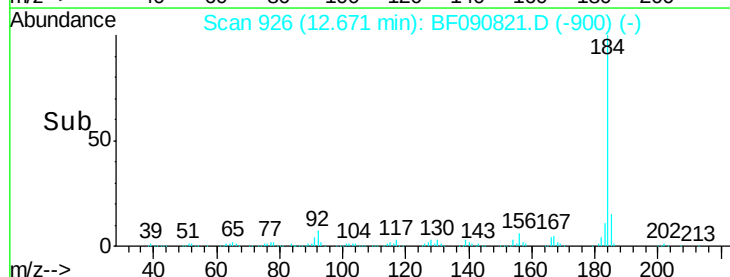
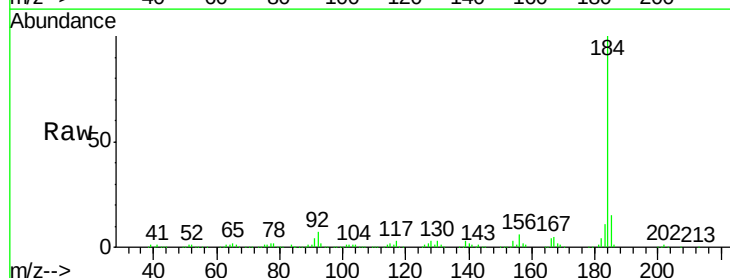
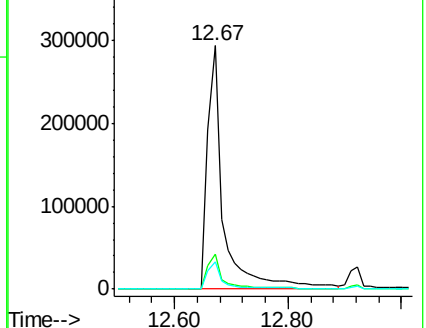
185 14.5 11.8 17.6

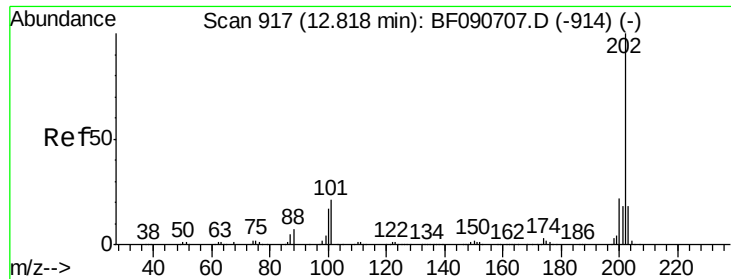
183 11.4 7.6 11.4#

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 58.74 ng/mL

RT: 12.77 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

ClientSampleId :

BOTTOM-NORTHMSD

Tot Ion: 202 Resp: 2005297

Ion Ratio Lower Upper

202 100

200 22.6 15.0 22.4#

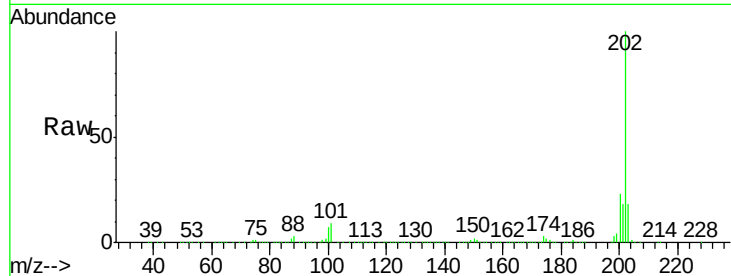
203 18.4 14.1 21.1

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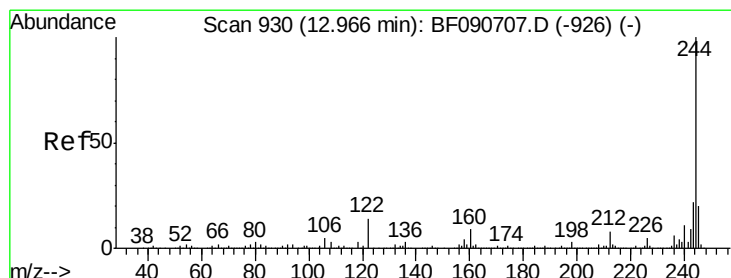
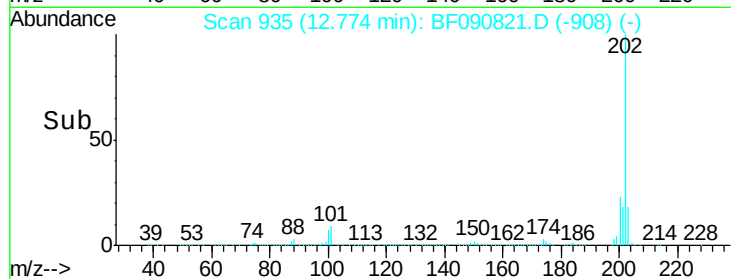
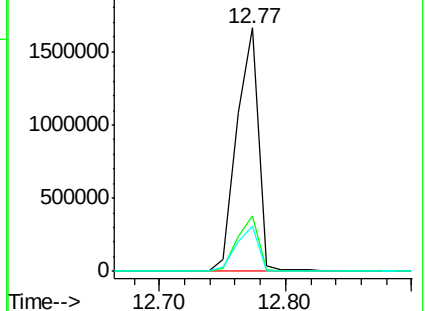
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 126.17 ng/mL

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

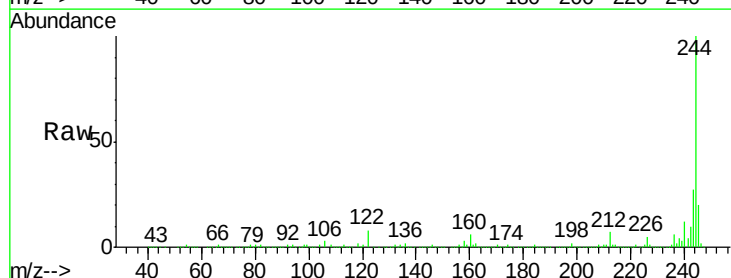
Tgt Ion: 244 Resp: 2690774

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

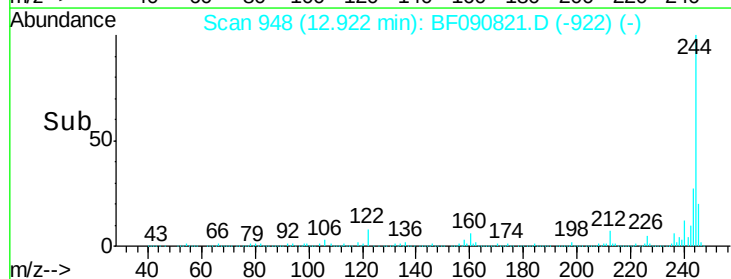
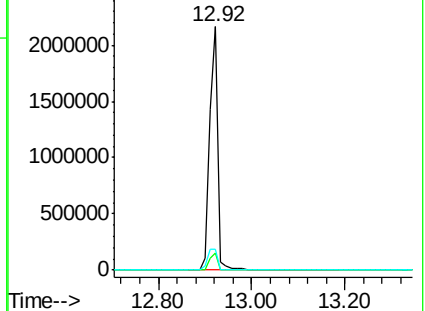
122 8.5 17.4 26.2#

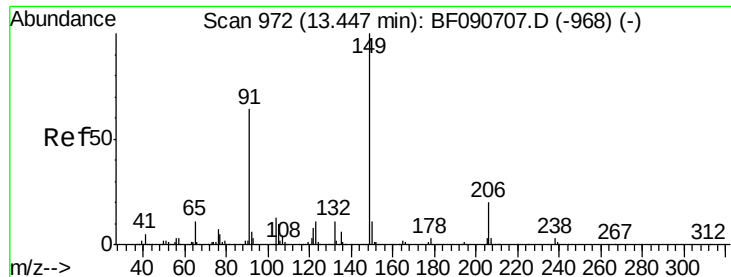


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





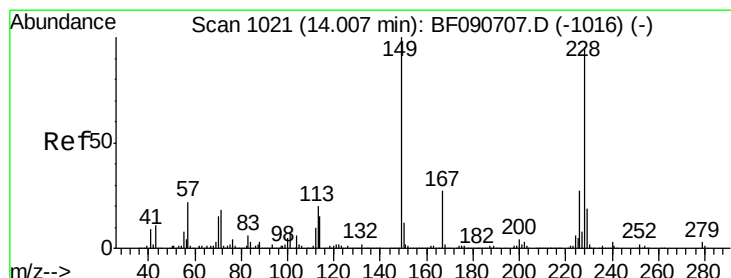
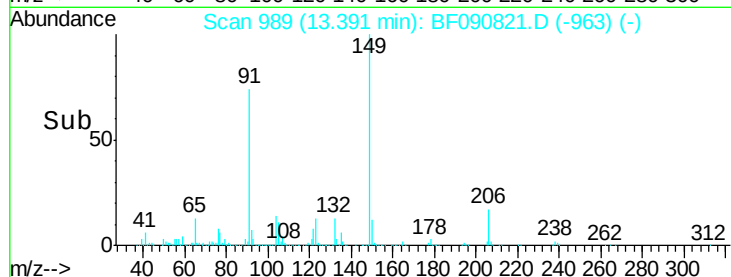
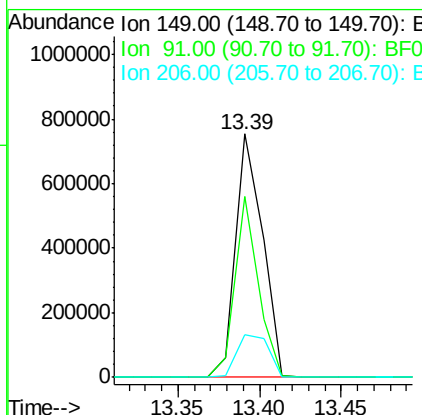
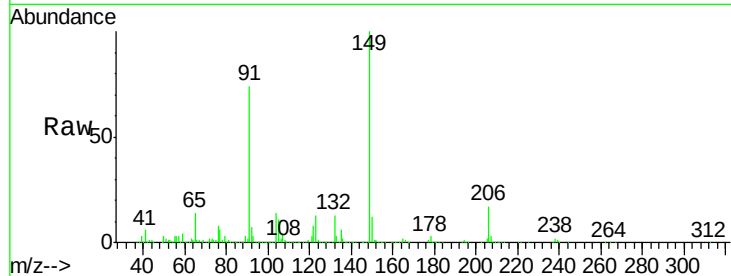
#79
Butylbenzylphthalate
Concen: 54.75 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.3	48.6	72.8#
206	17.5	14.9	22.3

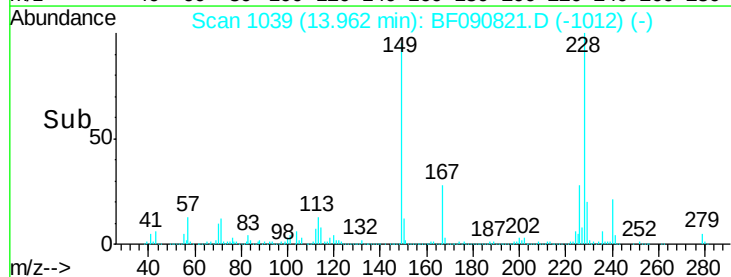
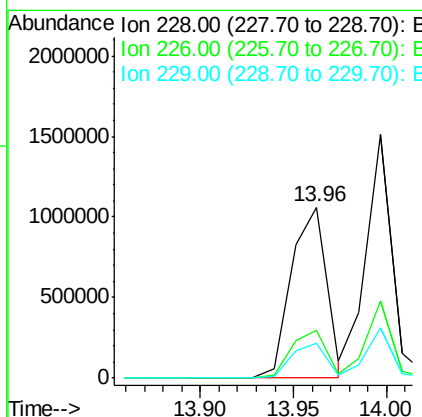
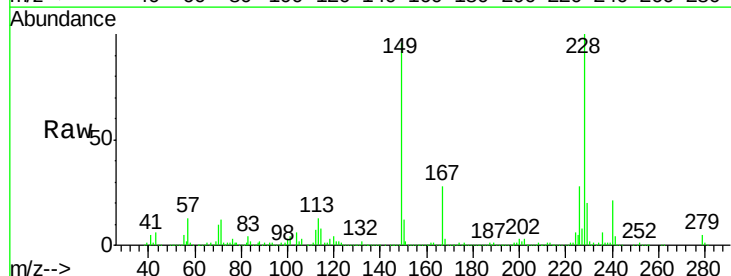
Manual Integrations
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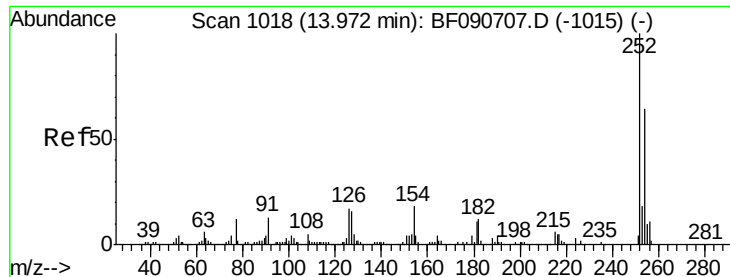
umangi
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#80
Benzo(a)anthracene
Concen: 52.65 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	20.0	30.0
229	20.5	15.4	23.2





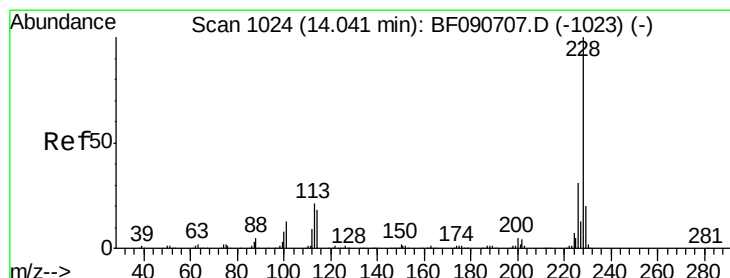
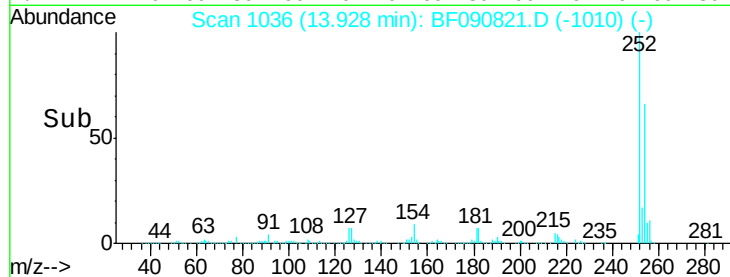
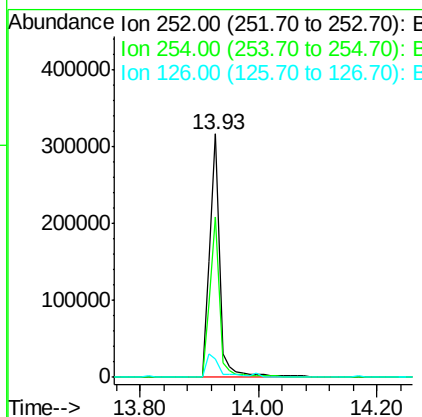
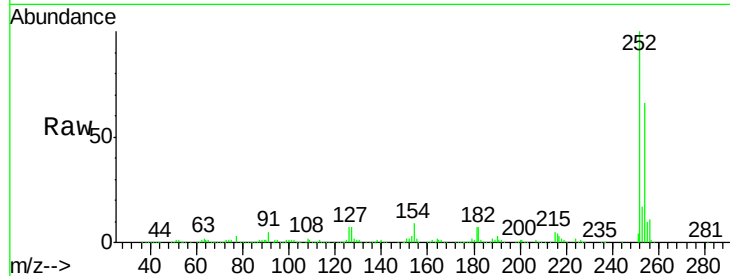
#81
 3,3'-Dichlorobenzidine
 Concen: 40.88 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-NORTHMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	378909		
254	66.1	51.4	77.2	
126	7.4	16.4	24.6	

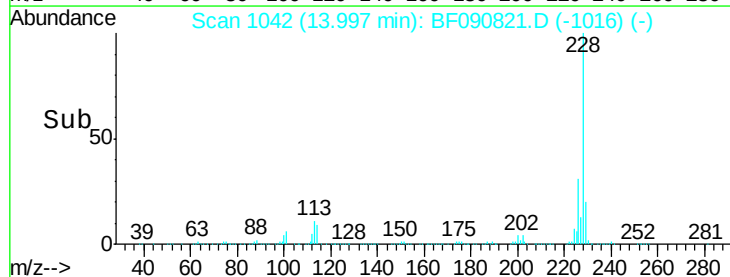
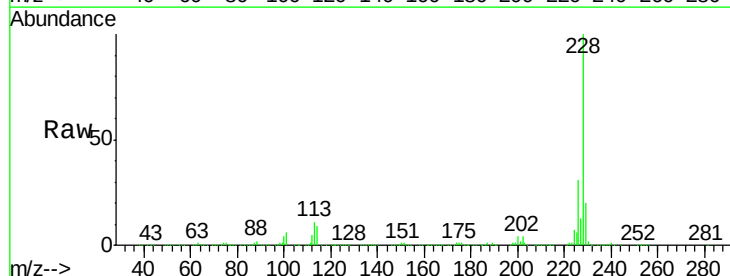
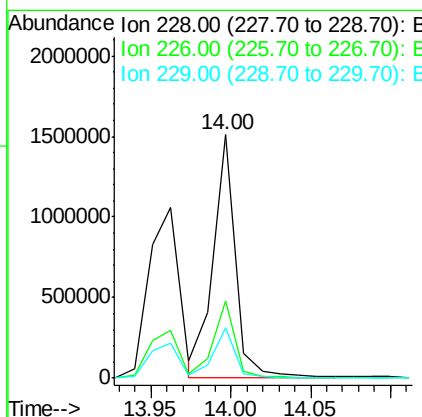
Manual Integrations
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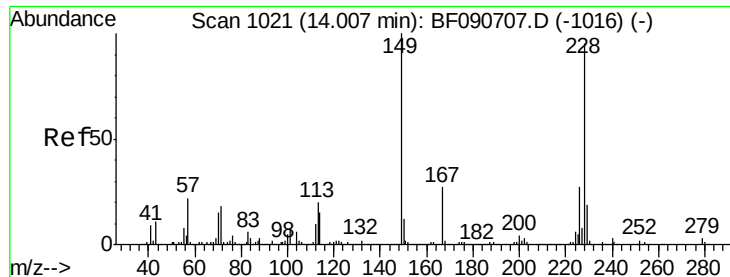
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#82
 Chrysene
 Concen: 57.24 ng m
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1494404		
226	31.5	21.0	31.4	
229	20.4	15.6	23.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.41 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

Instrument :

BNA_F

ClientSampleId :

BOTTOM-NORTHMSD

Tot Ion:149 Resp: 1199019

Ion Ratio Lower Upper

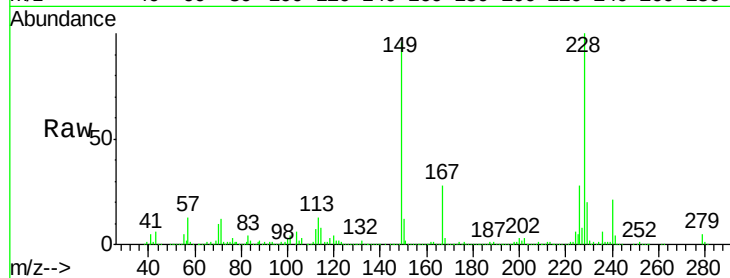
149 100

167 29.7 24.2 36.2

279 5.6 3.8 5.6#

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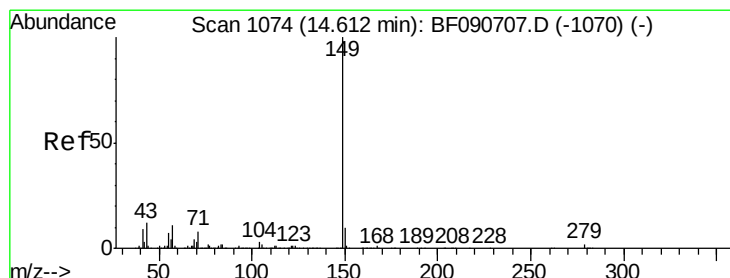
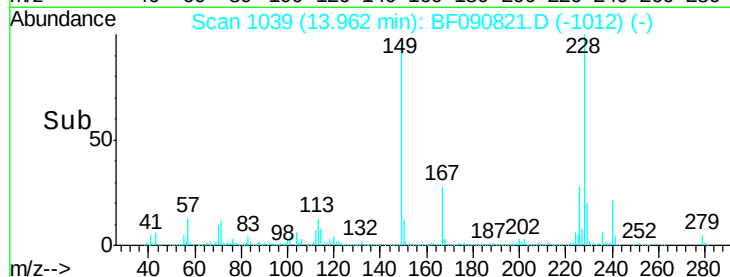
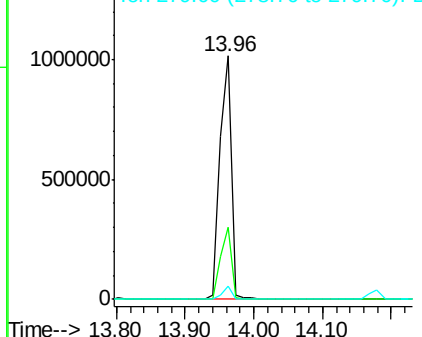
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.65 ng

RT: 14.57 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BF090821.D

Acq: 25 Oct 2016 21:34

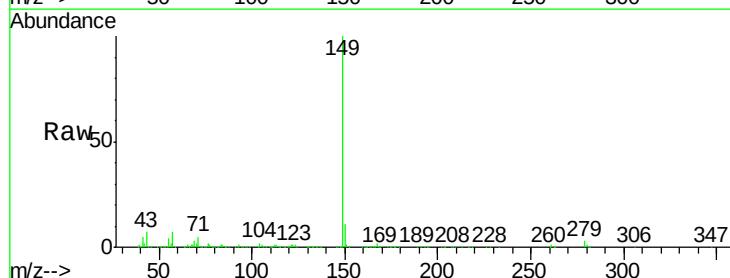
Tgt Ion:149 Resp: 1827970

Ion Ratio Lower Upper

149 100

167 1.7 1.0 1.6#

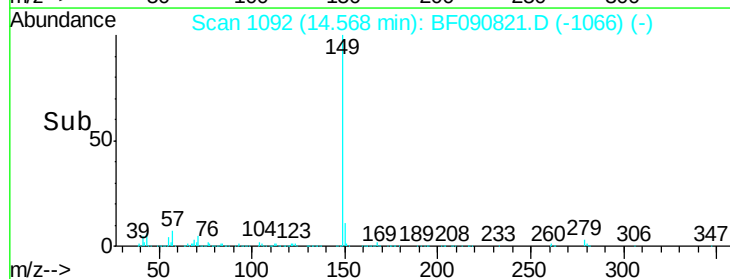
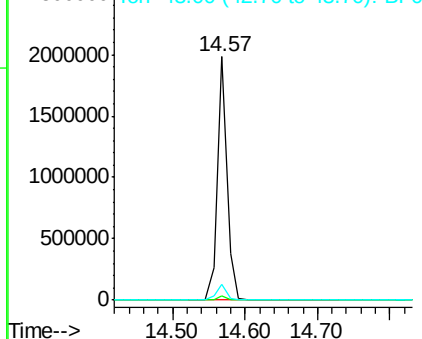
43 6.7 10.2 15.2#

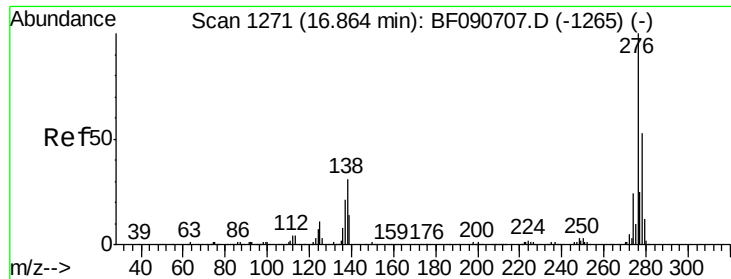


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





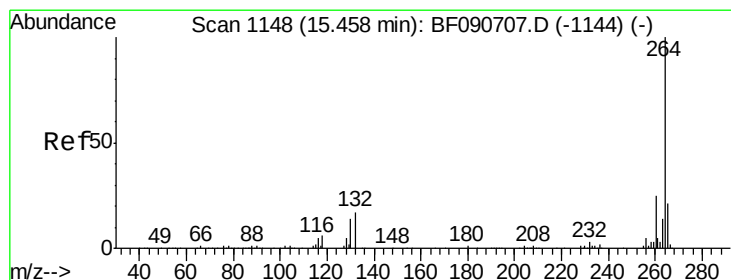
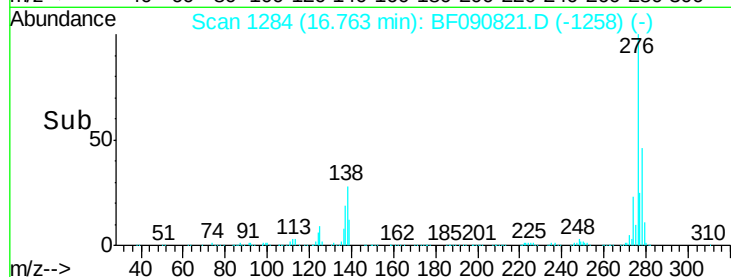
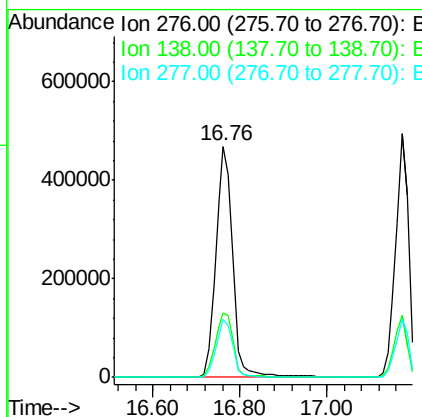
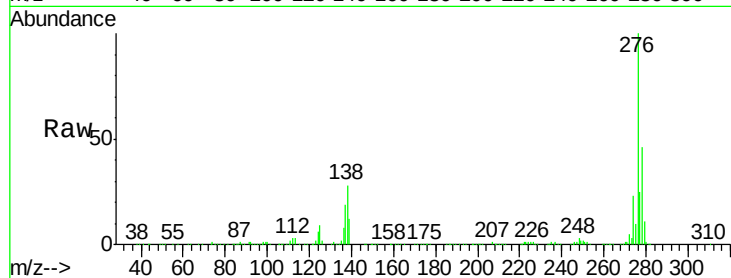
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.65 ng
RT: 16.76 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.1	25.7	38.5
277	25.2	15.6	23.4

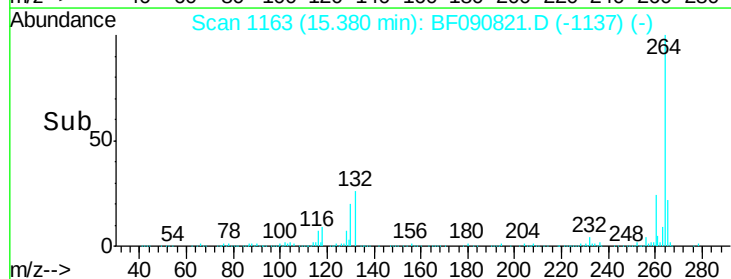
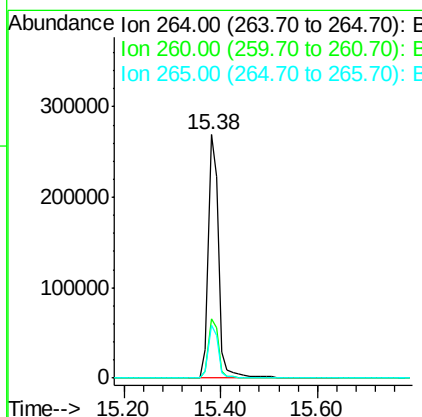
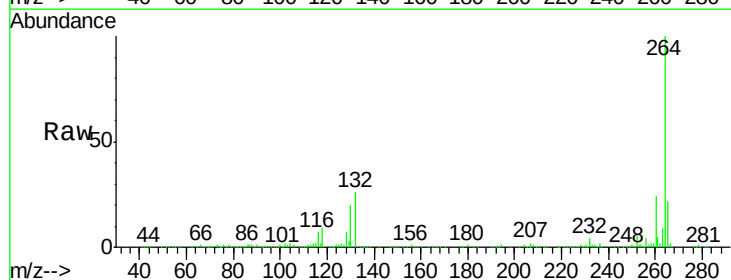
Manual Integrations
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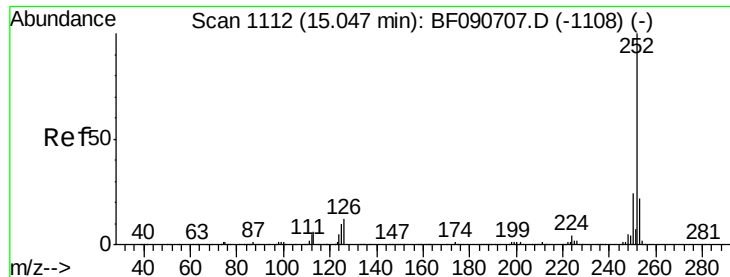
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.9	17.2	25.8





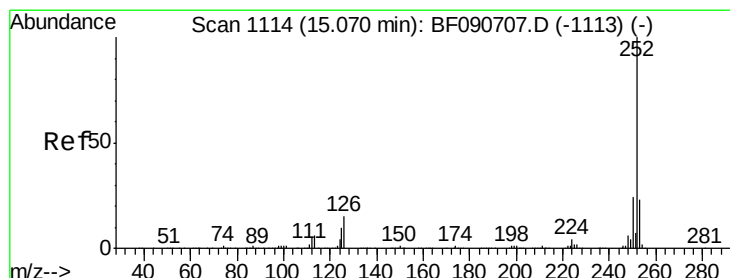
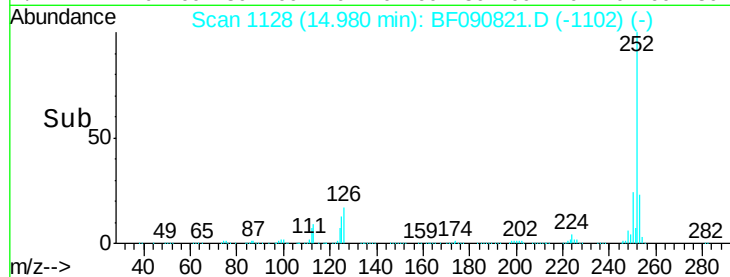
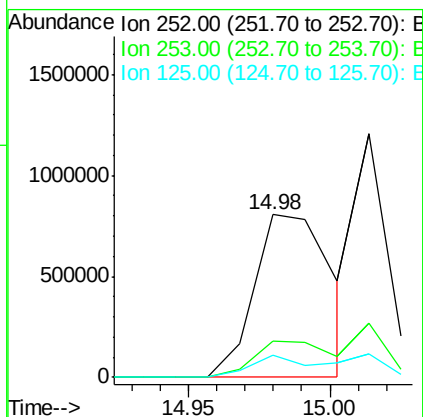
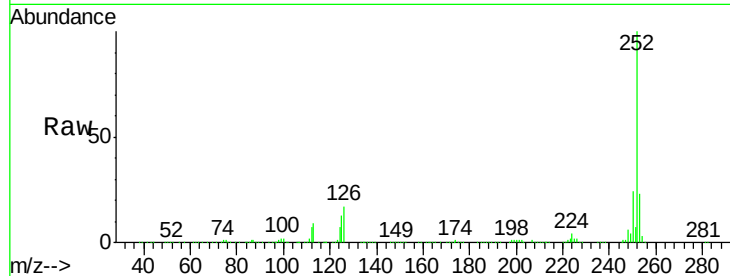
#87
Benzo(b)fluoranthene
Concen: 61.46 ng m
RT: 14.98 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

Tot Ion:252 Resp: 1532810
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 13.3 17.1 25.7#

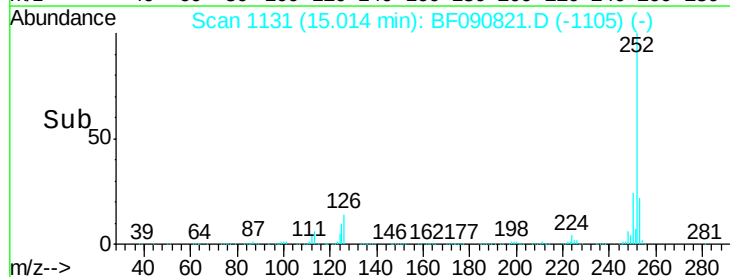
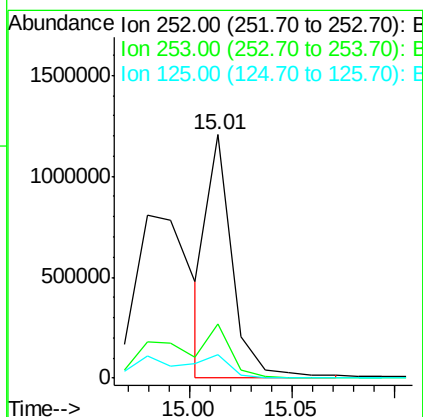
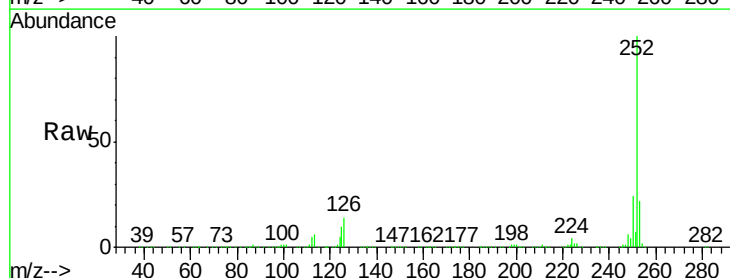
Manual Integrations
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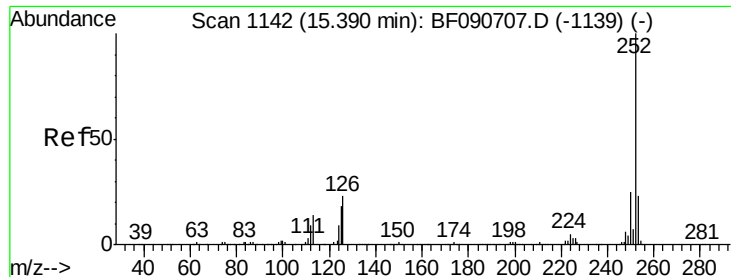
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#88
Benzo(k)fluoranthene
Concen: 41.29 ng m
RT: 15.01 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion:252 Resp: 1034850
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 9.5 16.0 24.0#





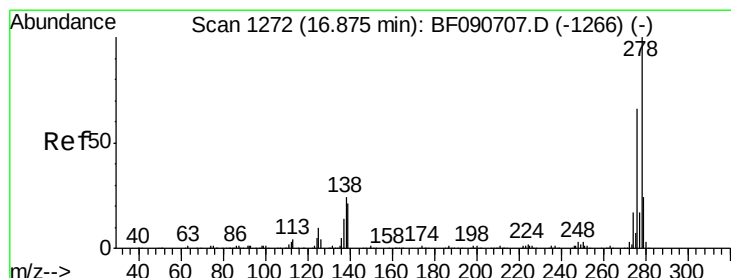
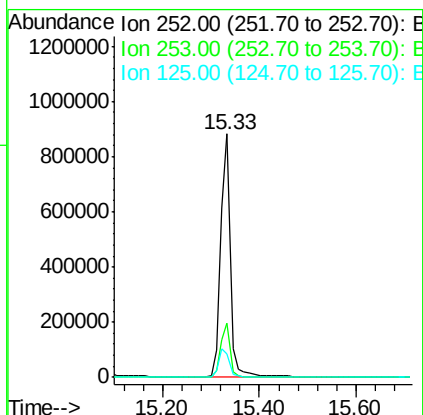
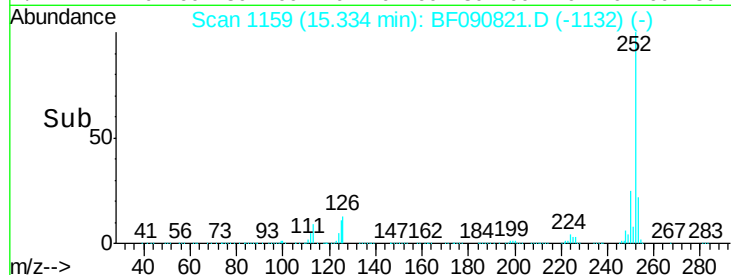
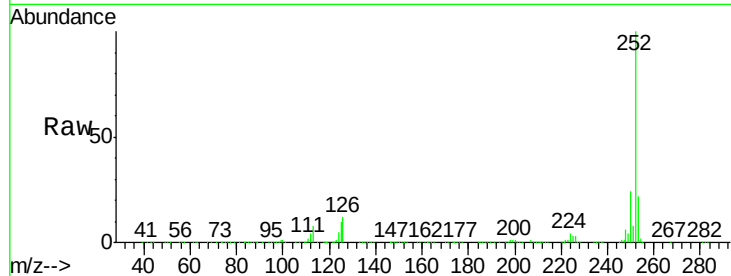
#89
Benzo(a)pyrene
Concen: 52.45 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	9.7	18.0	27.0

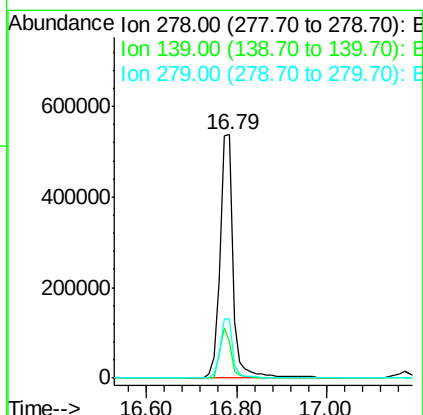
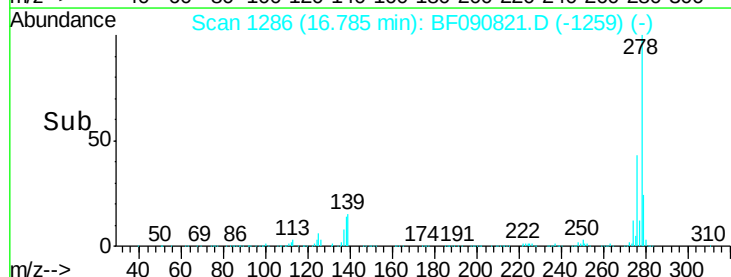
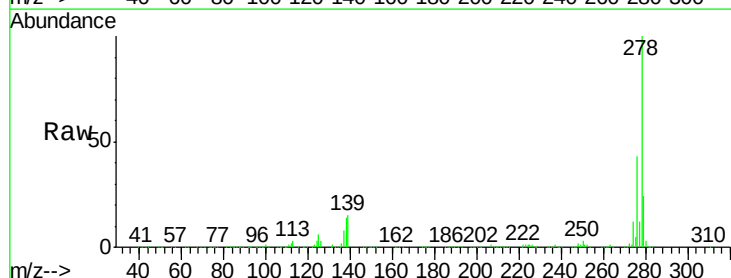
Manual Integrations
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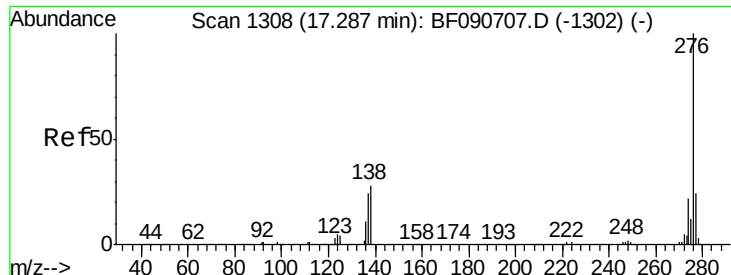
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#90
Dibenzo(a,h)anthracene
Concen: 49.16 ng
RT: 16.79 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF090821.D
Acq: 25 Oct 2016 21:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	26.3	39.5
279	24.2	18.2	27.4





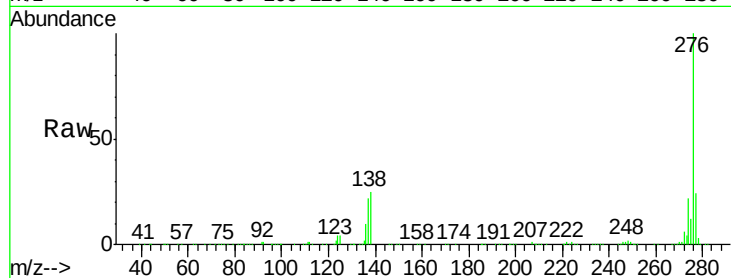
#91
 Benzo(a,h,i)perylene
 Concen: 48.10 ng
 RT: 17.17 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF090821.D
 Acq: 25 Oct 2016 21:34

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-NORTHMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.8	26.6
138	25.2	34.6	51.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

