

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
 Data File : BF090813.D
 Acq On : 25 Oct 2016 17:57
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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 10/26/2016 4:45:41 PM

Quant Time: Oct 26 11:31:59 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 17:09:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	222491	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	908568	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	516809	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	808895	20.00	ng	0.01
75) Chrysene-d12	13.97	240	554023	20.00	ng	0.01
86) Perylene-d12	15.38	264	448099	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	970532	70.35	ng	0.00
7) Phenol-d6	6.44	99	1266224	67.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	1118289	67.51	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	395409	96.66	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2198656	66.04	ng	0.00
78) Terphenyl-d14	12.92	244	2177896	90.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	261630	32.77	ng	# 78
3) Pyridine	3.06	79	708178	37.86	ng	# 75
4) n-Nitrosodimethylamine	3.01	42	222999	34.84	ng	# 68
6) Aniline	6.46	93	746525	35.24	ng	# 67
8) 2-Chlorophenol	6.59	128	579253	34.98	ng	# 93
9) Benzaldehyde	6.34	77	321739	31.49	ng	# 73
10) Phenol	6.45	94	644181	30.67	ng	# 41
11) bis(2-Chloroethyl)ether	6.54	93	594862	33.70	ng	# 85
12) 1,3-Dichlorobenzene	6.74	146	625504	37.60	ng	# 92
13) 1,4-Dichlorobenzene	6.82	146	680667	38.58	ng	# 93
14) 1,2-Dichlorobenzene	6.97	146	565959m	32.76	ng	#
15) Benzyl Alcohol	6.94	79	449788	35.44	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.08	45	606717	22.95	ng	# 60
17) 2-Methylphenol	7.07	107	463132	37.12	ng	# 85
18) Hexachloroethane	7.31	117	220980	30.85	ng	# 88
19) n-Nitroso-di-n-propylamine	7.23	70	402815	28.95	ng	# 67
20) 3+4-Methylphenols	7.22	107	532018	35.97	ng	# 45
22) Acetophenone	7.22	105	713703	35.25	ng	# 86
24) Nitrobenzene	7.39	77	616725	34.34	ng	# 73
25) Isophorone	7.63	82	1057779	33.73	ng	# 89
26) 2-Nitrophenol	7.71	139	334549	45.60	ng	# 91
27) 2,4-Dimethylphenol	7.76	122	509761	39.19	ng	# 86
28) bis(2-Chloroethoxy)methane	7.85	93	639616	37.28	ng	# 94
29) 2,4-Dichlorophenol	7.95	162	458271	42.92	ng	# 94
30) 1,2,4-Trichlorobenzene	8.03	180	515724	41.05	ng	# 97
31) Naphthalene	8.11	128	1571775	35.37	ng	# 96
32) Benzoic acid	7.90	122	376593	42.16	ng	# 80
33) 4-Chloroaniline	8.17	127	715699	43.42	ng	# 96
34) Hexachlorobutadiene	8.24	225	305207	43.20	ng	# 99
35) Caprolactam	8.56	113	151079	49.55	ng	# 74
36) 4-Chloro-3-methylphenol	8.66	107	481499	38.78	ng	# 100
37) 2-Methylnaphthalene	8.81	142	1062610	40.91	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	495340	35.50	ng	# 98
40) Hexachlorocyclopentadiene	8.96	237	202040	30.84	ng	# 97

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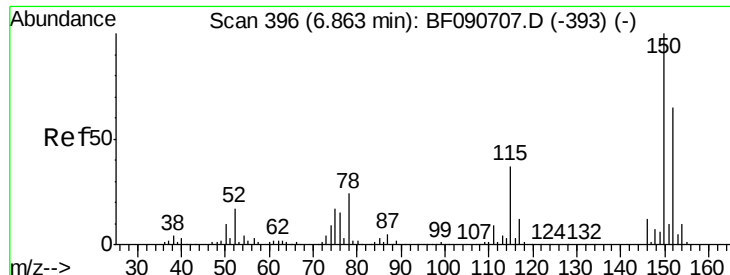
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 10/26/2016 4:45:41 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
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 QLast Update : Tue Oct 25 17:09:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	330534	38.19	nq	100
43) 2,4,5-Trichlorophenol	9.13	196	364978	41.56	nq	97
45) 1,1'-Biphenyl	9.26	154	1310813	32.30	nq	92
46) 2-Chloronaphthalene	9.30	162	1002332	33.23	nq	96
47) 2-Nitroaniline	9.39	65	296032	29.56	nq	# 78
48) Acenaphthylene	9.71	152	1671067	36.30	nq	96
49) Dimethylphthalate	9.57	163	1132809	34.88	nq	# 97
50) 2,6-Dinitrotoluene	9.64	165	288295	41.28	nq	# 86
51) Acenaphthene	9.88	154	1071639	35.07	nq	88
52) 3-Nitroaniline	9.80	138	288354	35.92	nq	# 60
53) 2,4-Dinitrophenol	9.92	184	117744	39.99	nq	# 82
54) Dibenzofuran	10.05	168	1462496	39.51	nq	# 90
55) 4-Nitrophenol	9.97	139	179060	39.55	nq	# 75
56) 2,4-Dinitrotoluene	10.04	165	389327	45.61	nq	# 97
57) Fluorene	10.40	166	1209355	39.42	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.17	232	283959	41.20	nq	97
59) Diethylphthalate	10.27	149	1173509	34.84	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	529042	37.74	nq	# 87
61) 4-Nitroaniline	10.42	138	311482	38.31	nq	# 50
62) Azobenzene	10.54	77	1189036	30.15	nq	85
64) 4,6-Dinitro-2-methylphenol	10.45	198	202482	39.98	nq	# 58
65) n-Nitrosodiphenylamine	10.51	169	995777	38.42	nq	89
66) 4-Bromophenyl-phenylether	10.88	248	349679	44.59	nq	98
67) Hexachlorobenzene	10.94	284	433400	46.84	nq	# 79
68) Atrazine	11.04	200	273289	38.21	nq	86
69) Pentachlorophenol	11.14	266	213272	44.31	nq	98
70) Phenanthrene	11.36	178	1632768	39.60	nq	95
71) Anthracene	11.40	178	1537612	33.63	nq	97
72) Carbazole	11.56	167	1449232	37.91	nq	94
73) Di-n-butylphthalate	11.89	149	1734100	34.97	nq	# 97
74) Fluoranthene	12.55	202	1647528	41.31	nq	88
76) Benzidine	12.67	184	475164	38.63	nq	96
77) Pyrene	12.77	202	1593947	41.19	nq	96
79) Butylbenzylphthalate	13.39	149	722298	40.61	nq	# 81
80) Benzo(a)anthracene	13.96	228	1135356	37.45	nq	96
81) 3,3'-Dichlorobenzidine	13.93	252	479870	45.68	nq	# 92
82) Chrysene	14.00	228	1277518	43.17	nq	94
83) Bis(2-ethylhexyl)phthalate	13.96	149	1002183	39.38	nq	# 98
84) Di-n-octyl phthalate	14.57	149	1534327	39.73	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.76	276	1016463	39.37	nq	# 91
87) Benzo(b)fluoranthene	14.98	252	1275868m	46.31	nq	
88) Benzo(k)fluoranthene	15.01	252	821358m	29.66	nq	
89) Benzo(a)pyrene	15.32	252	960651	37.16	nq	# 91
90) Dibenzo(a,h)anthracene	16.77	278	888750	35.81	nq	# 83
91) Benzo(g,h,i)perylene	17.17	276	816532	33.92	nq	# 79

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



#1

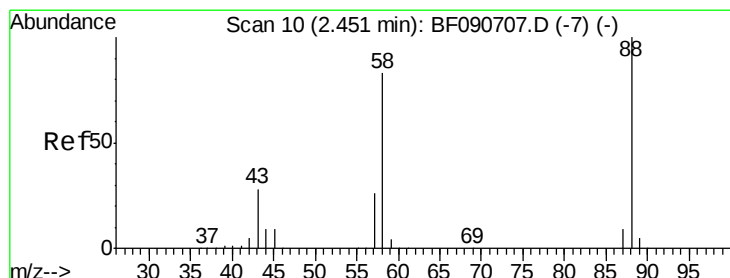
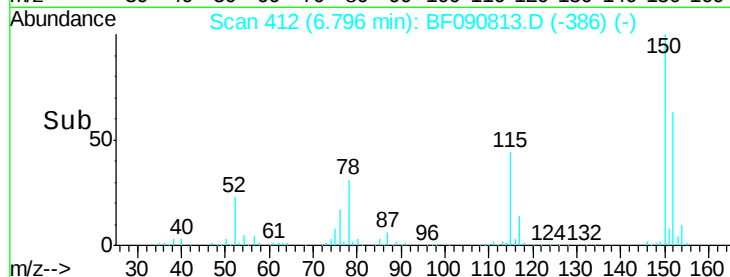
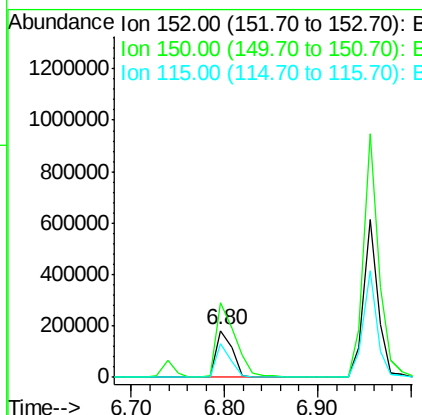
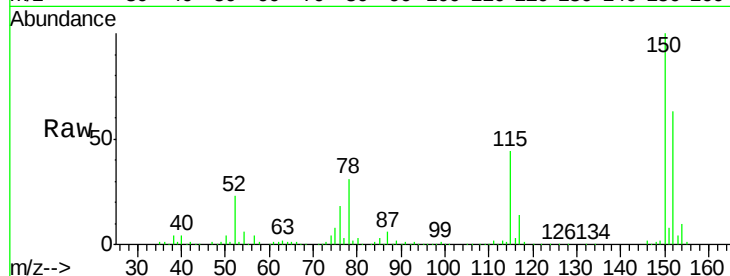
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.7	187.1
115	70.8	39.0	58.4

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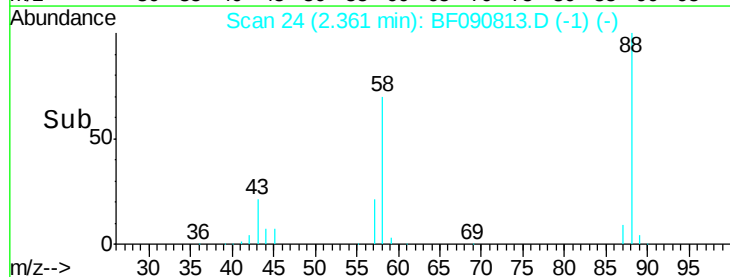
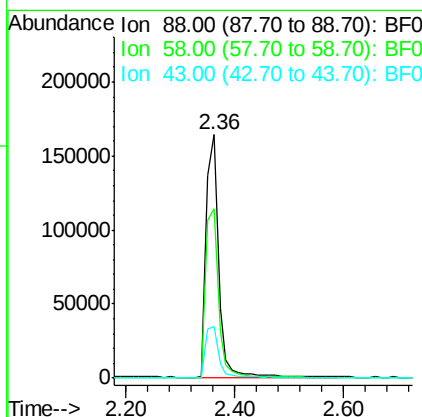
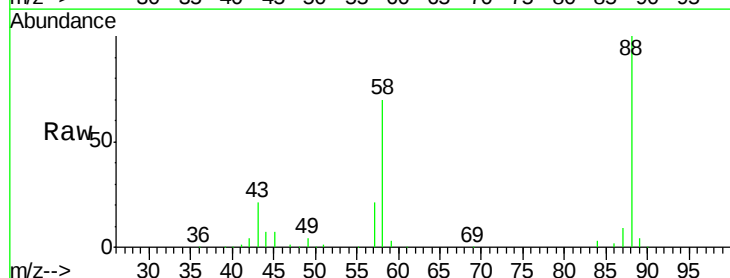
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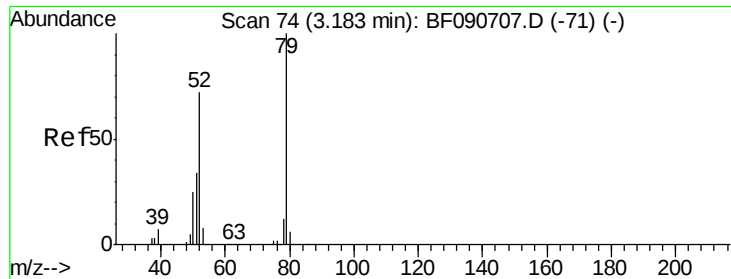


#2

1,4-Dioxane
Concen: 32.77 ng
RT: 2.36 min Scan# 24
Delta R.T. 0.01 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	77.7	116.5
43	22.5	26.6	40.0





#3

Pvridine

Concen: 37.86 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

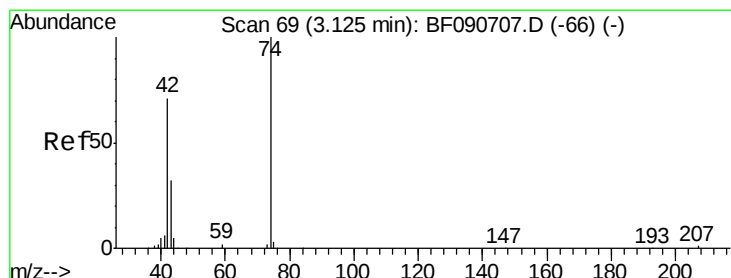
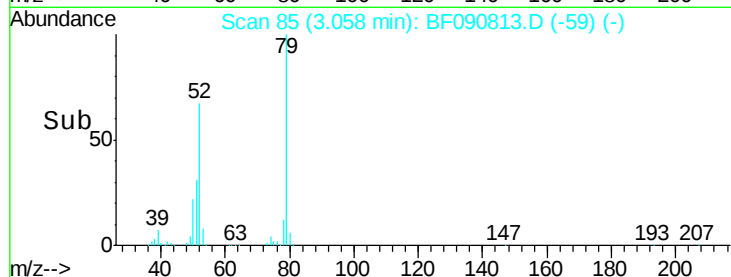
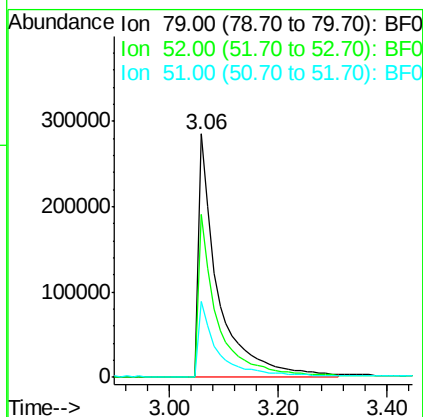
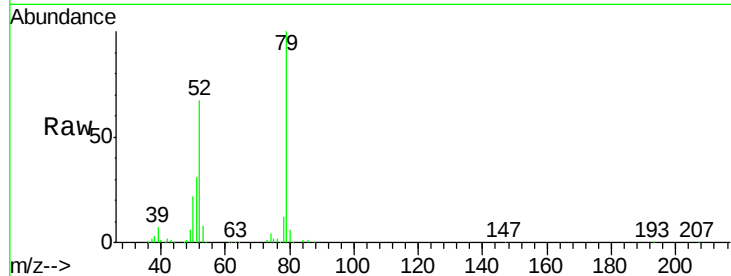
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.9	76.8	115.2#
51	31.0	32.2	48.4#

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#4

n-Nitrosodimethylamine

Concen: 34.84 ng

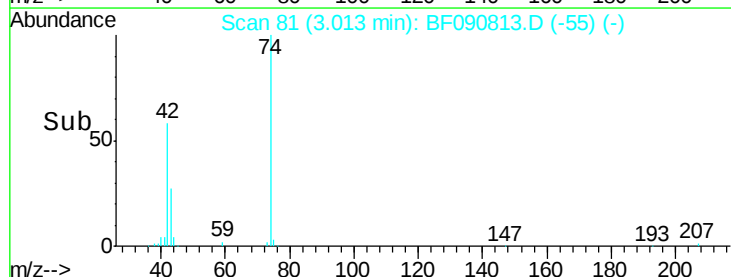
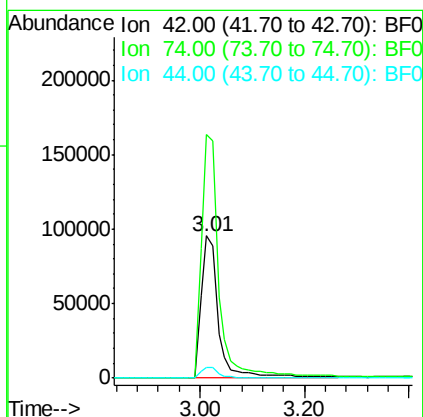
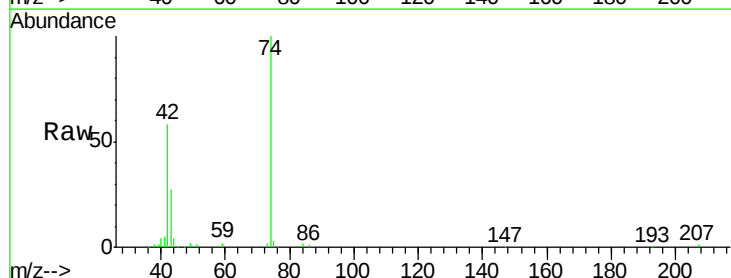
RT: 3.01 min Scan# 81

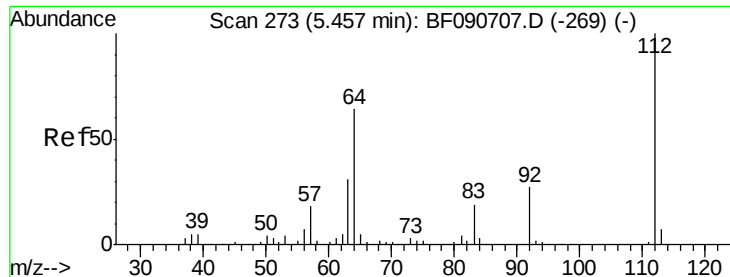
Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	171.1	105.0	157.6#
44	7.5	6.6	10.0





#5

2-Fluorophenol

Concen: 70.35 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

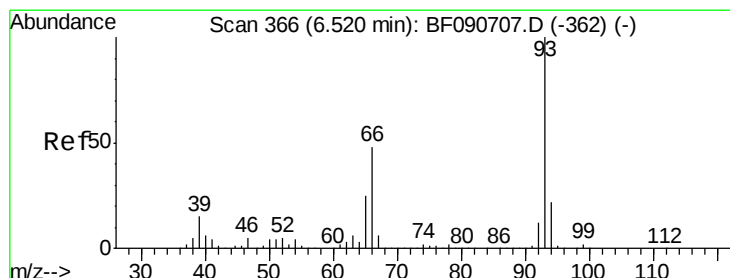
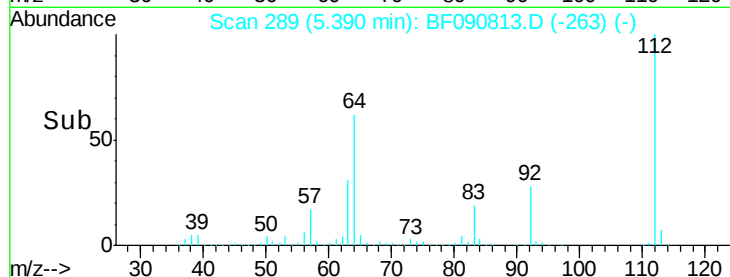
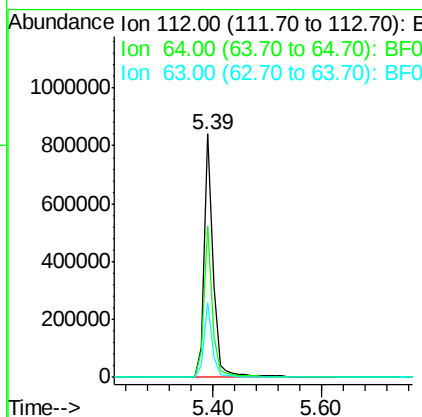
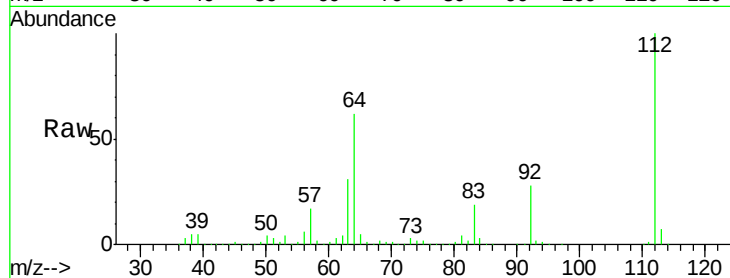
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	970532
Ion Ratio	Lower	Upper	
112	100		
64	62.4	39.7	59.5#
63	30.7	17.4	26.0#

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#6

Aniline

Concen: 35.24 ng

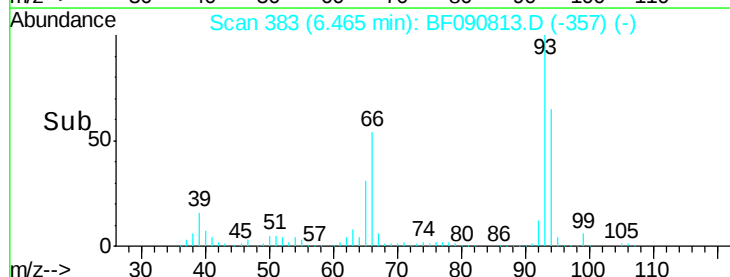
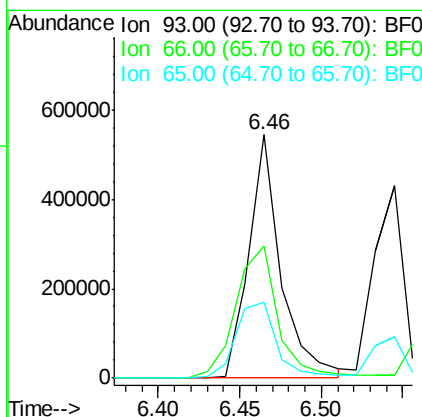
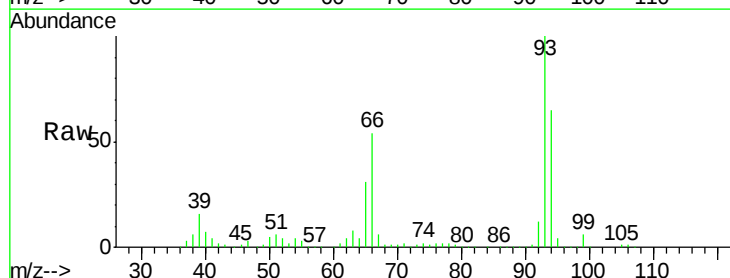
RT: 6.46 min Scan# 383

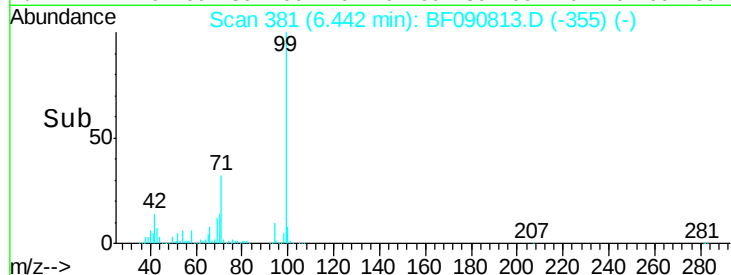
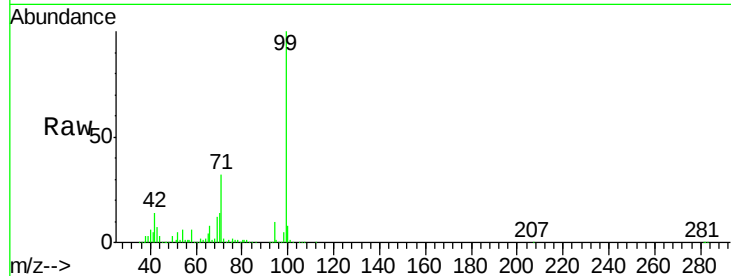
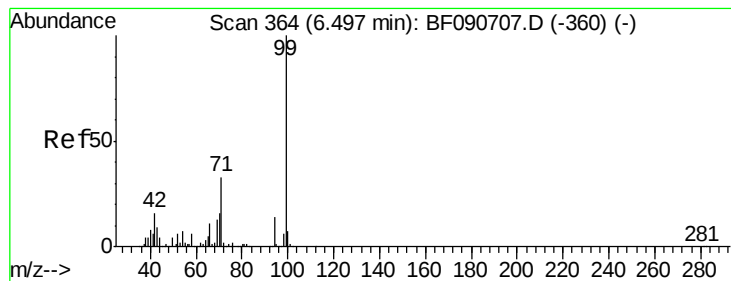
Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Tgt Ion:	93	Resp:	746525
Ion Ratio	Lower	Upper	
93	100		
66	54.3	27.2	40.8#
65	31.2	14.7	22.1#





#7

Phenol-d6

Concen: 67.76 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Tot Ion: 99 Resp: 1266224

Ion Ratio Lower Upper

99 100

42 14.1 13.7 20.5

71 31.7 14.2 21.2#

Instrument :

BNA_F

ClientSampleId :

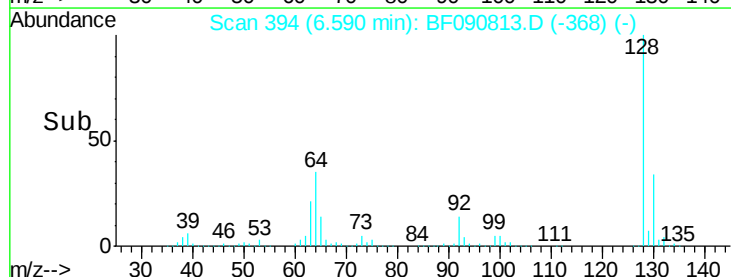
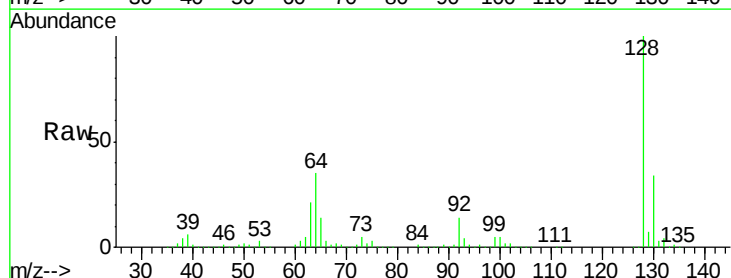
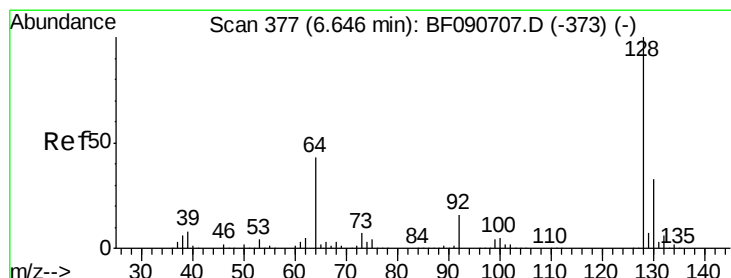
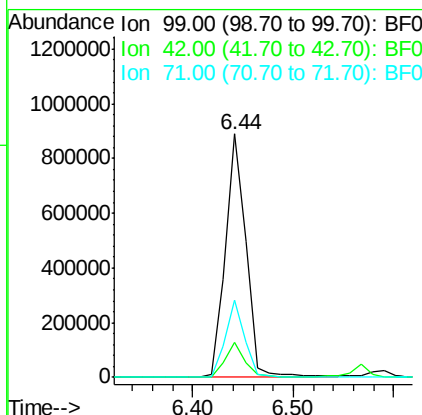
SSTDCCC040EC

Manual Integrations

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#8

2-Chlorophenol

Concen: 34.98 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

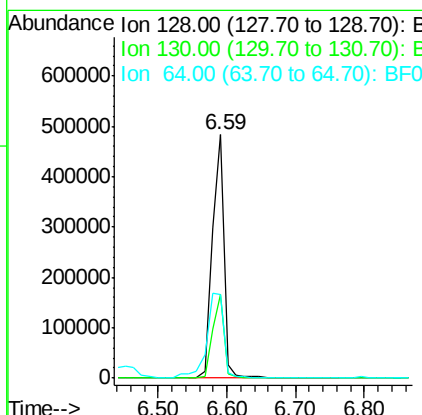
Tgt Ion:128 Resp: 579253

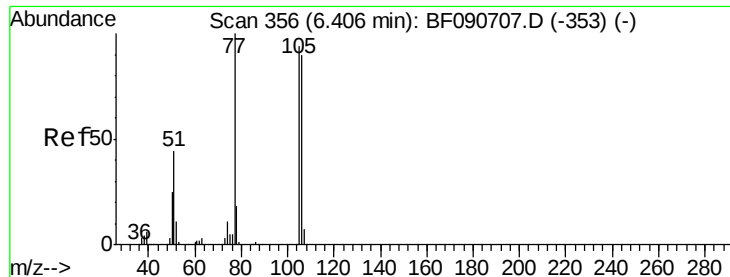
Ion Ratio Lower Upper

128 100

130 34.2 12.2 52.2

64 34.5 20.5 60.5





#9

Benzaldehyde

Concen: 31.49 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

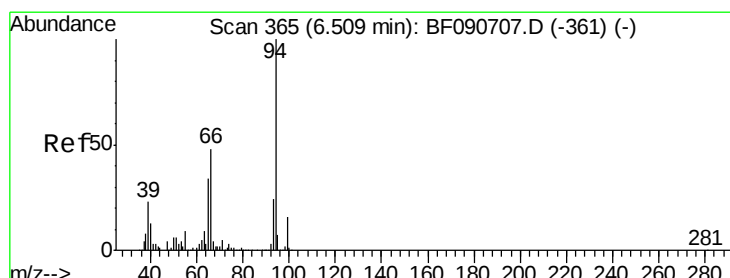
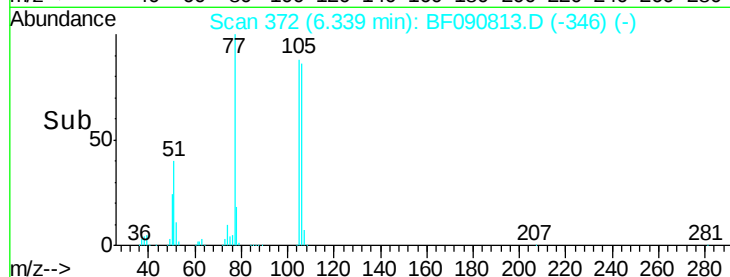
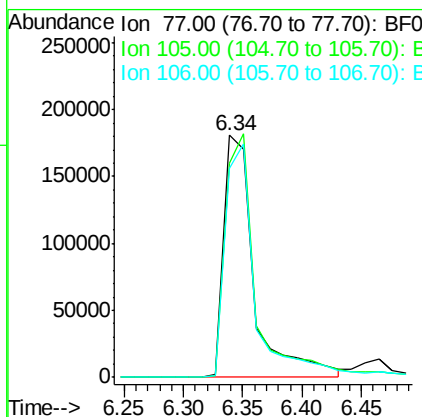
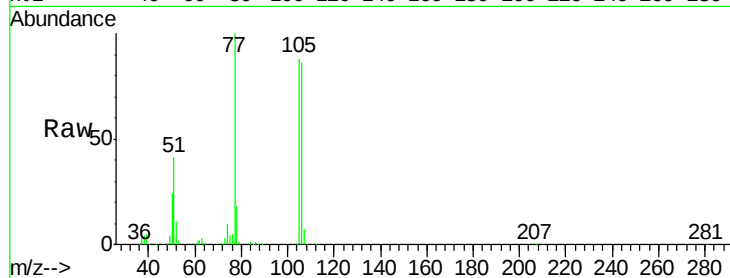
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	88.4	91.6	131.6#	
106	86.1	102.6	142.6#	

Manual Integrations
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#10

Phenol

Concen: 30.67 ng

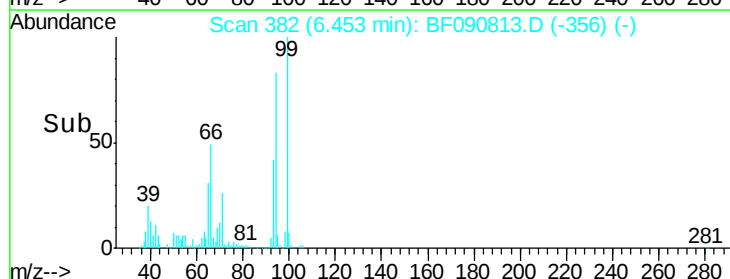
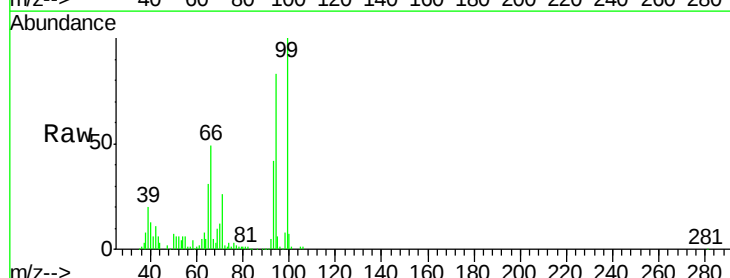
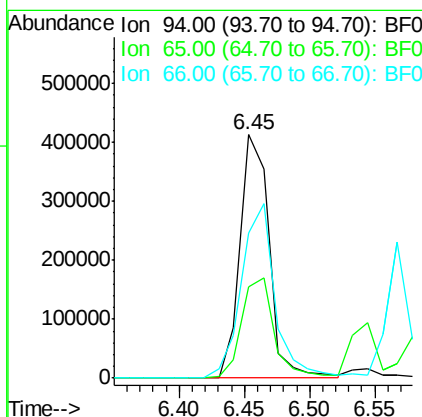
RT: 6.45 min Scan# 382

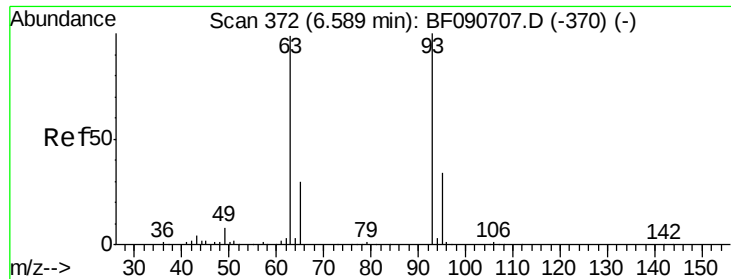
Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	37.4	0.7	40.7	
66	59.4	0.8	40.8#	





#11

bis(2-Chloroethyl)ether

Concen: 33.70 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

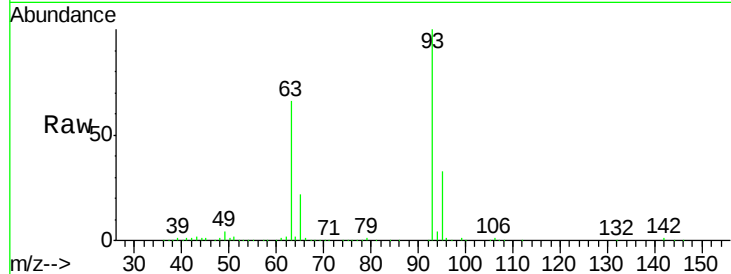
ClientSampleId :

SSTDCCC040EC

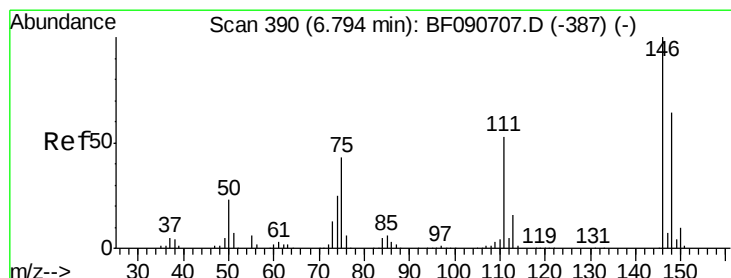
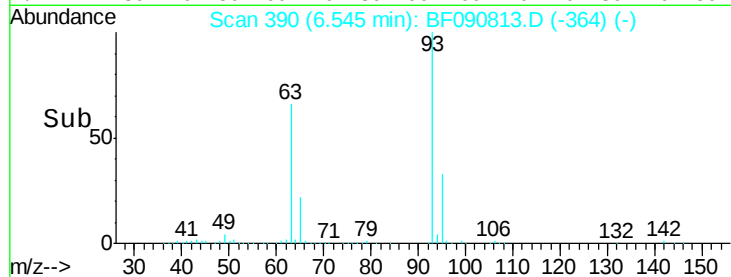
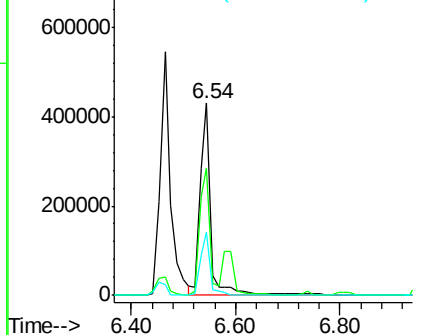
Tot Ion:	93	Resp:	594862
Ion Ratio	Lower	Upper	
93	100		
63	66.4	65.6	105.6
95	33.1	13.6	53.6

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Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.60 ng

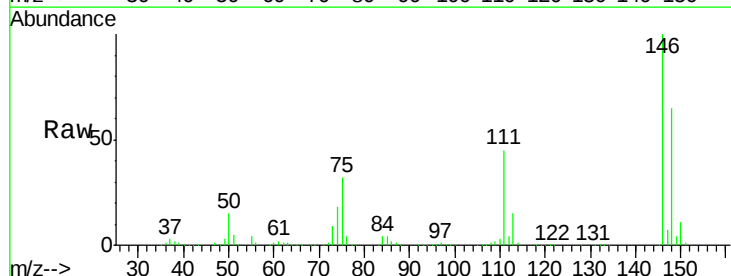
RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

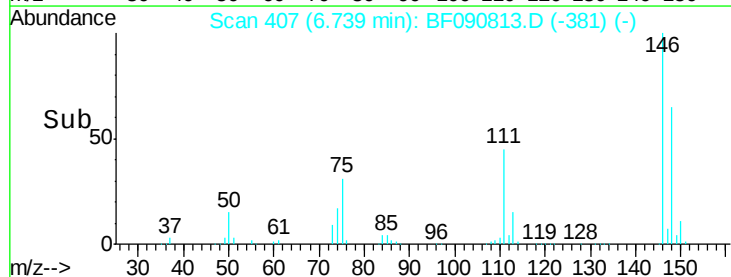
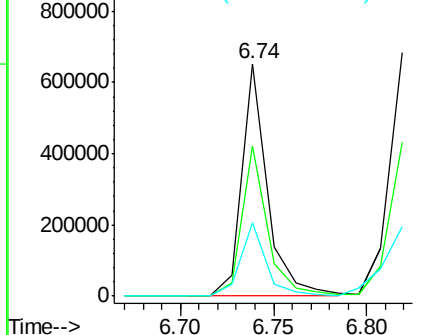
Lab File: BF090813.D

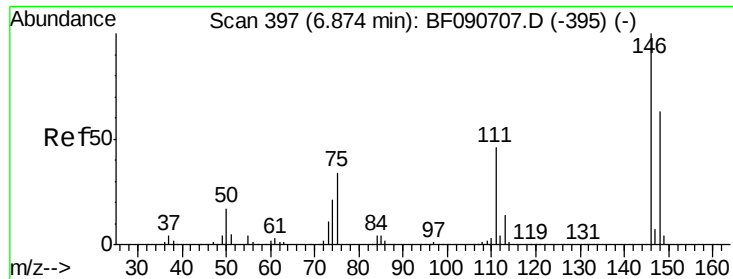
Acq: 25 Oct 2016 17:57

Tgt Ion:	146	Resp:	625504
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.0	76.4
75	31.7	15.0	22.6#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





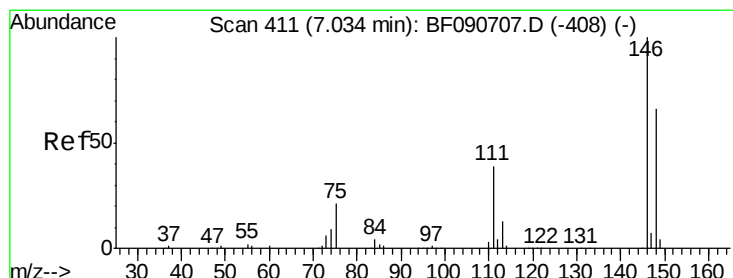
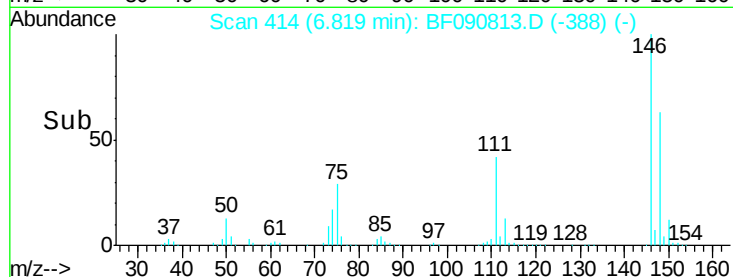
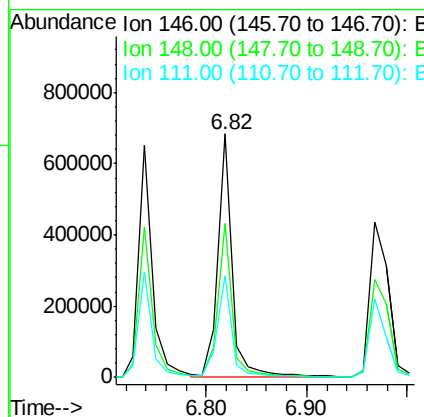
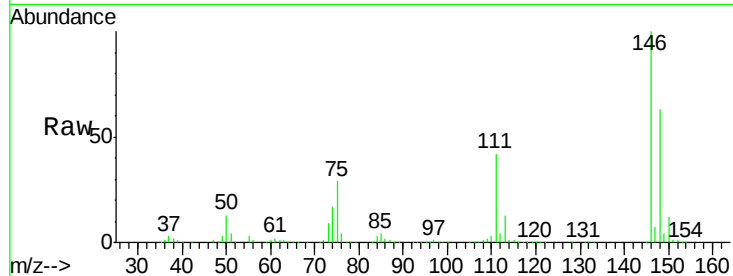
#13
 1,4-Dichlorobenzene
 Concen: 38.58 ng
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
111	41.9	24.9	37.3

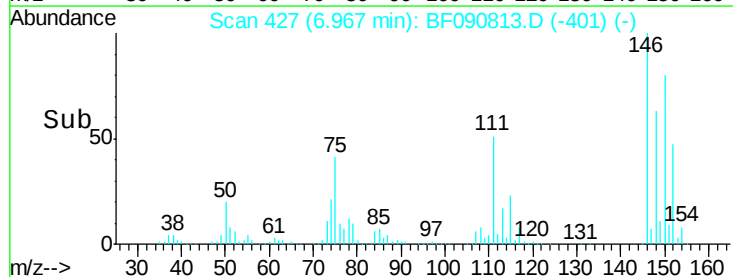
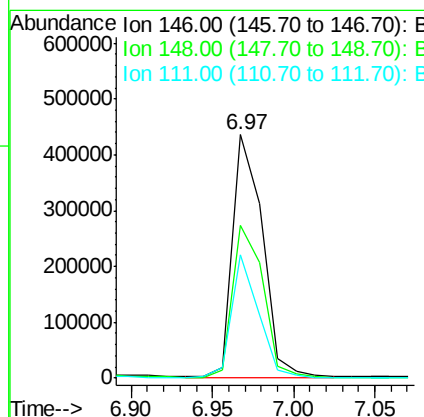
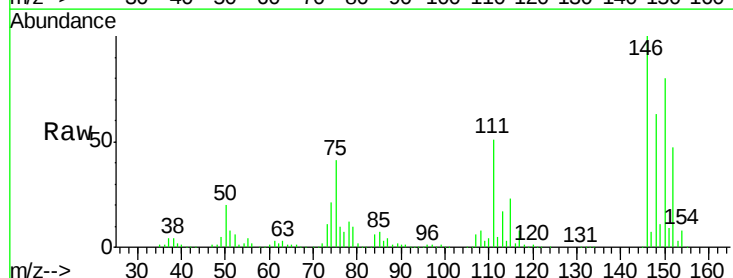
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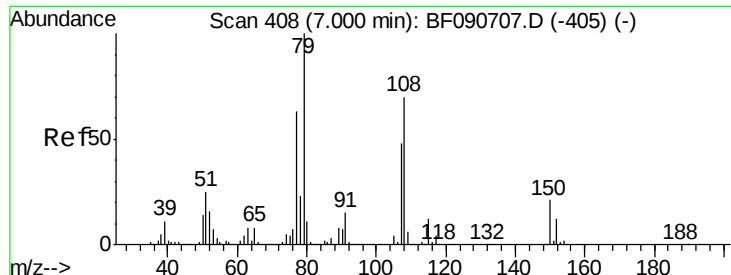
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#14
 1,2-Dichlorobenzene
 Concen: 32.76 ng m
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.7	79.1
111	50.5	28.8	43.2





#15

Benzyl Alcohol

Concen: 35.44 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 449788

Ion Ratio Lower Upper

79 100

108 73.7 88.6 132.8#

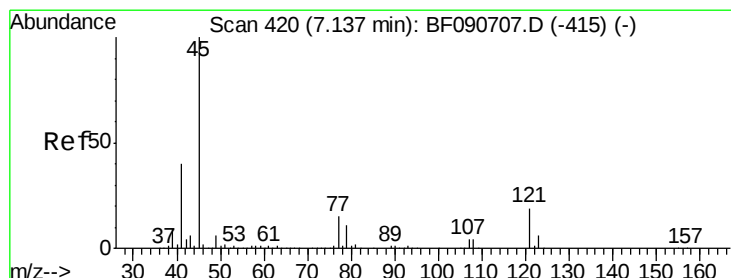
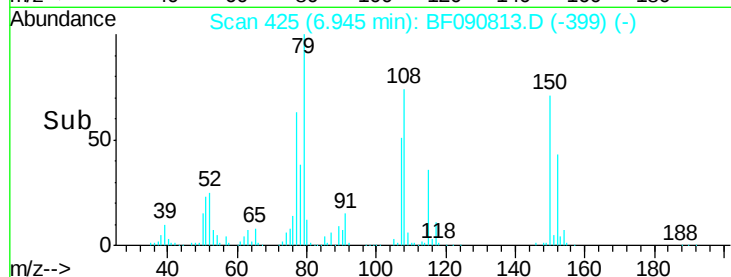
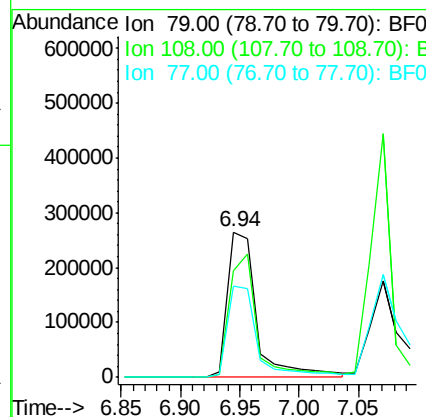
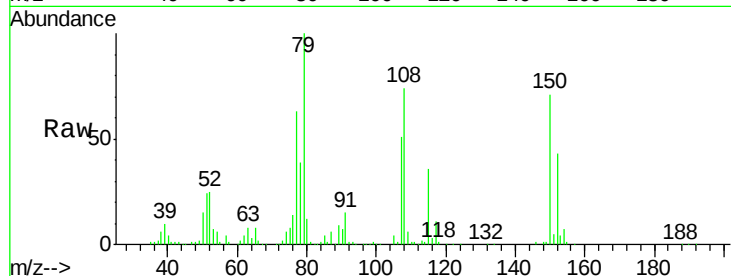
77 63.3 47.0 70.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 22.95 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

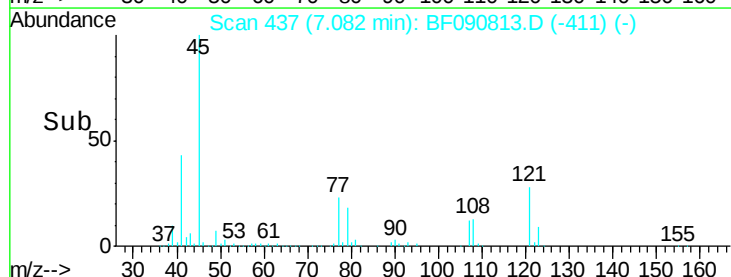
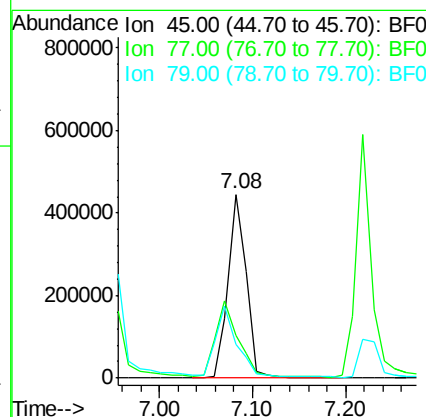
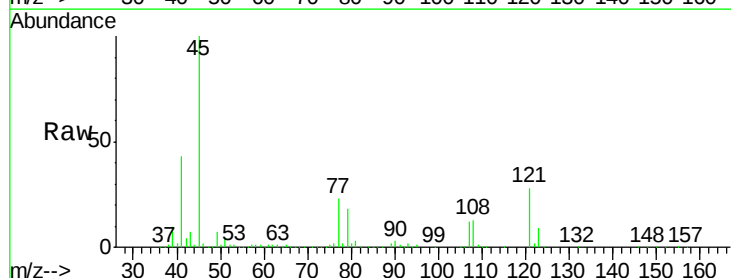
Tgt Ion: 45 Resp: 606717

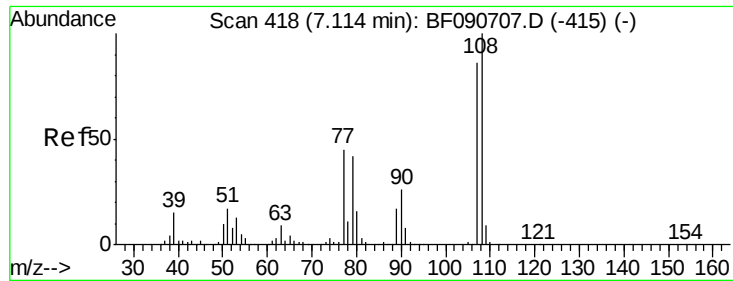
Ion Ratio Lower Upper

45 100

77 23.1 0.0 28.1

79 18.4 0.0 26.0





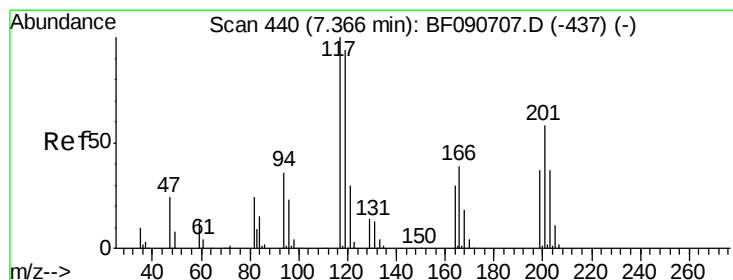
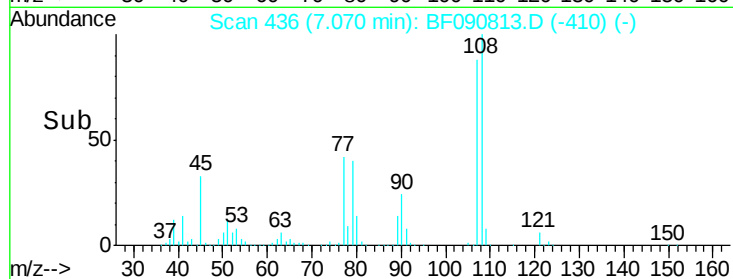
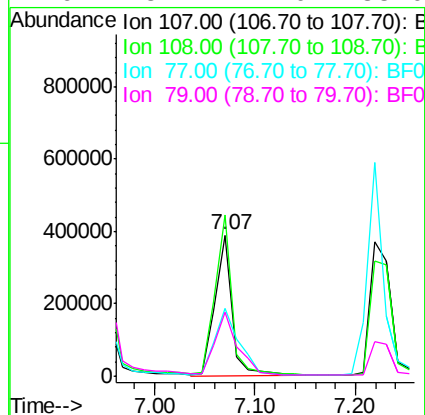
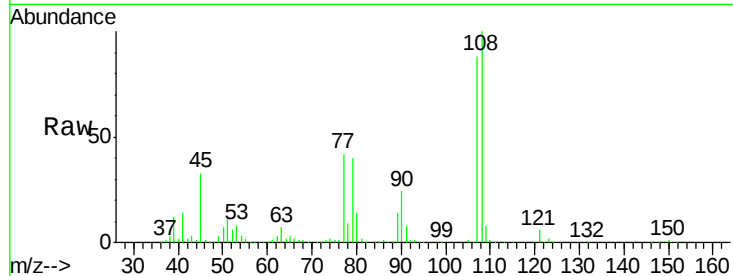
#17
2-Methylphenol
Concen: 37.12 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	96.6	145.0	
77	47.9	23.3	34.9	
79	45.2	22.0	33.0	

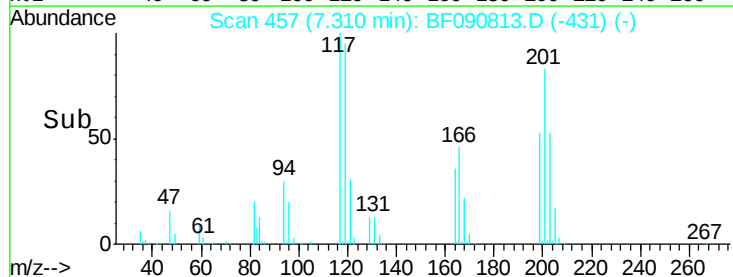
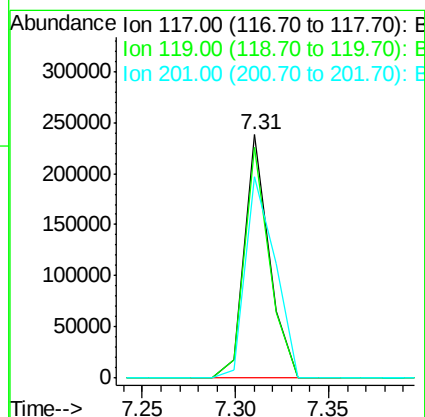
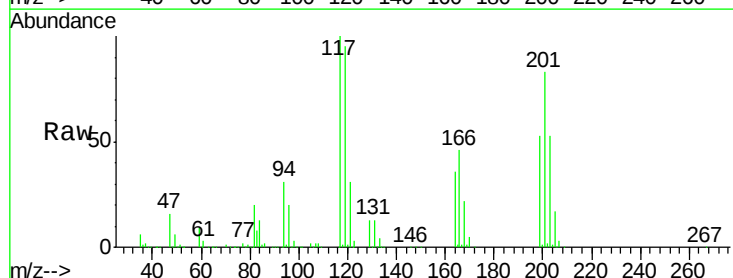
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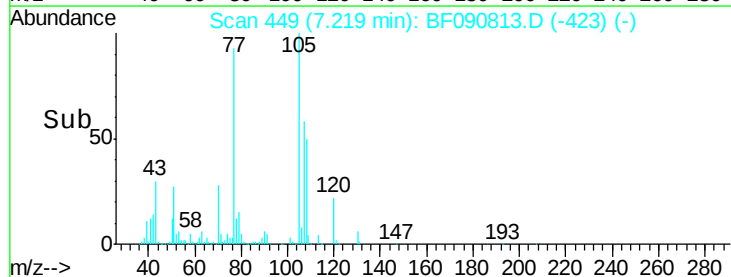
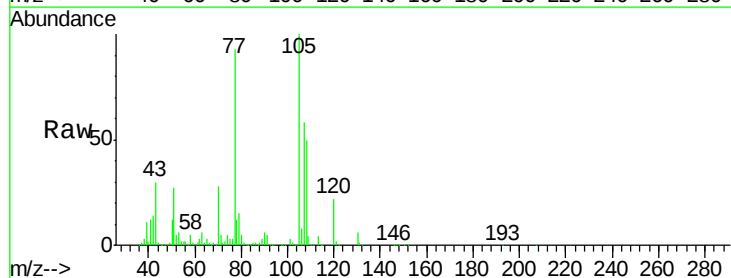
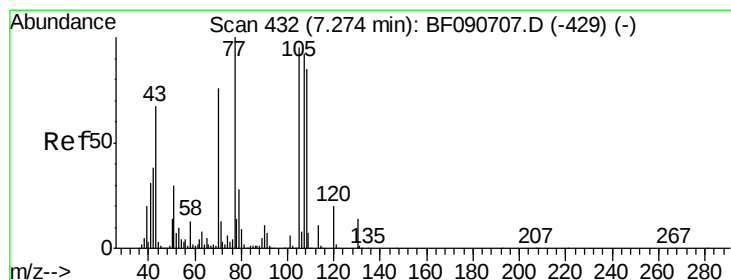
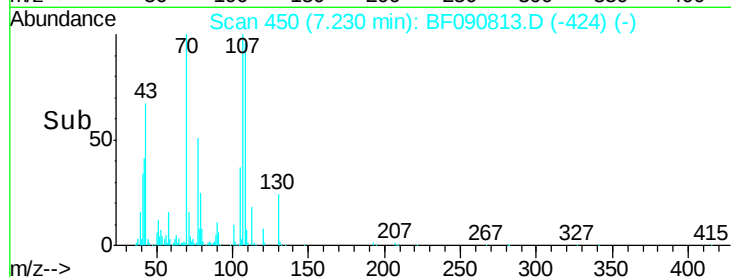
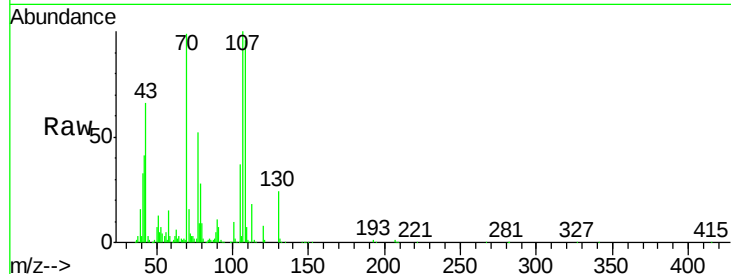
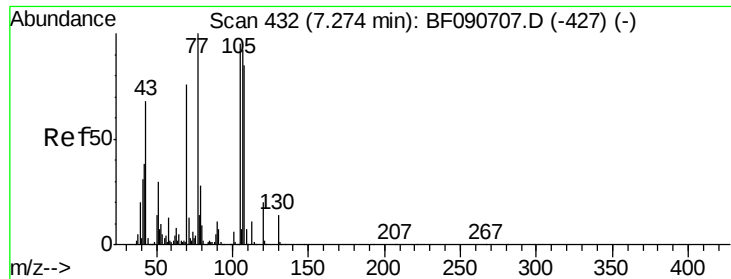
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#18
Hexachloroethane
Concen: 30.85 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	83.8	125.6	
201	82.7	55.1	82.7	





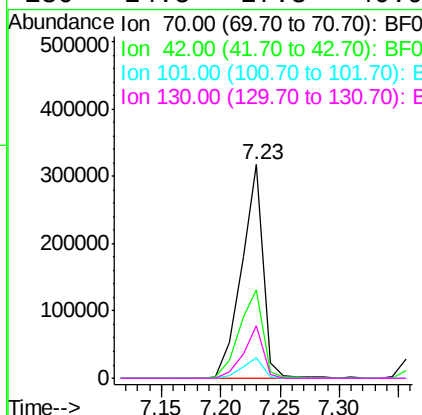
#19
n-Nitroso-di-n-propylamine
Concen: 28.95 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.6	63.8	95.6#
101	9.9	9.2	13.8
130	24.5	27.3	40.9#

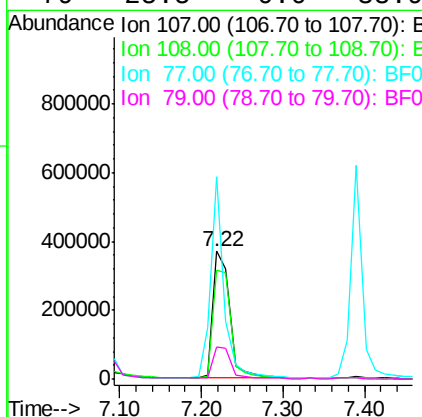
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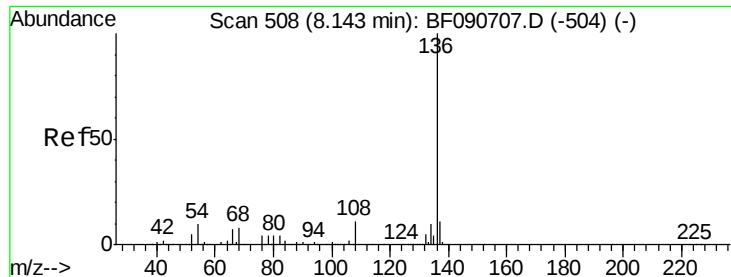
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#20
3+4-Methylphenols
Concen: 35.97 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	74.6	114.6
77	159.1	0.7	40.7#
79	25.5	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: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

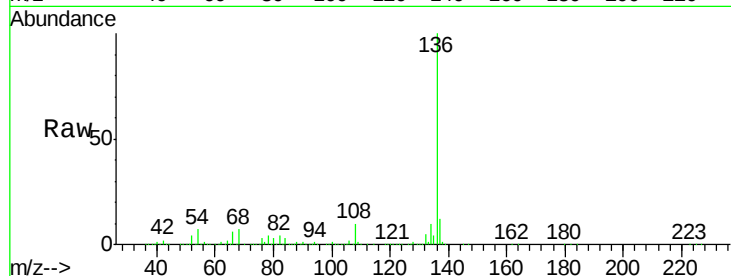
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.8	9.0	13.6	
54	7.4	8.2	12.2	
68	6.9	5.8	8.6	

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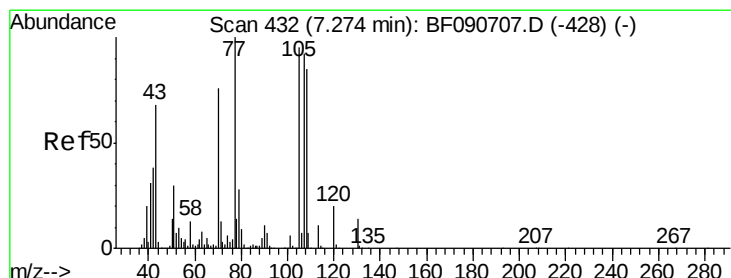
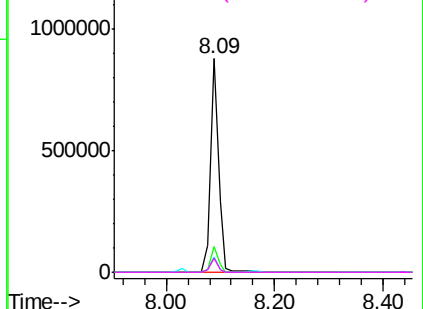
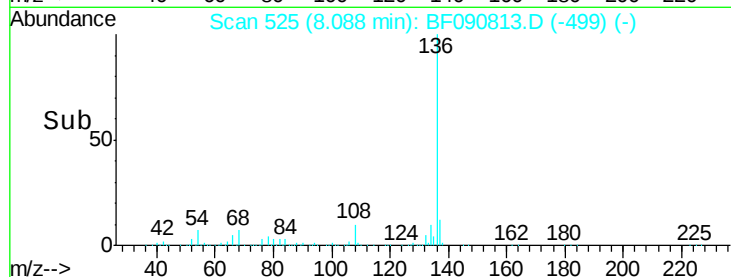


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.25 ng

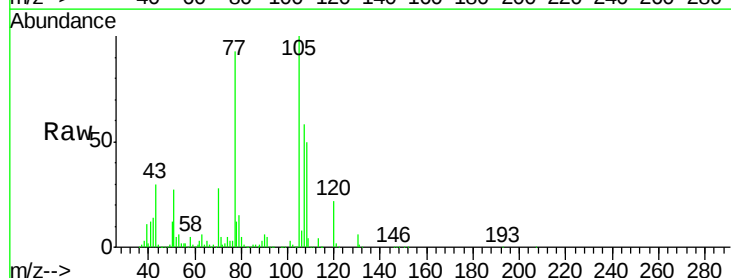
RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.8	4.7	7.1	
51	27.4	22.0	33.0	
120	22.3	30.1	45.1	

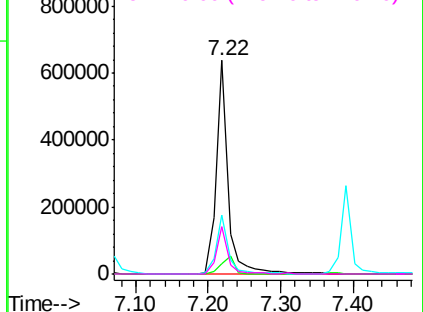
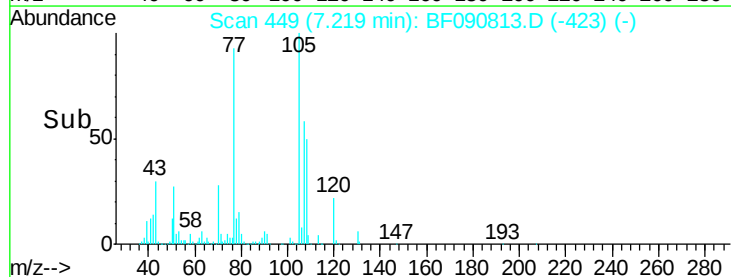


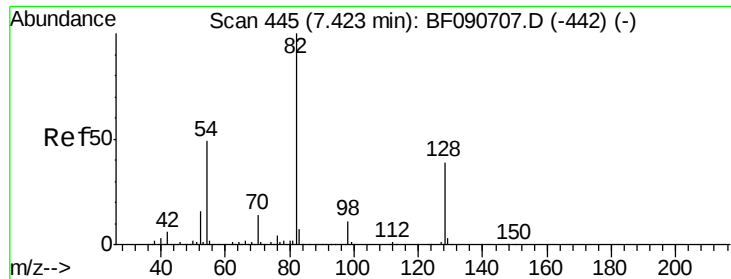
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





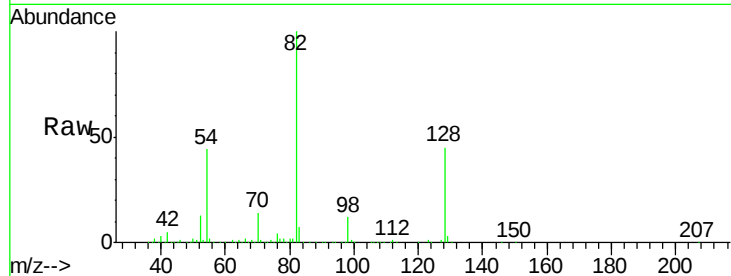
#23
 Nitrobenzene-d5
 Concen: 67.51 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

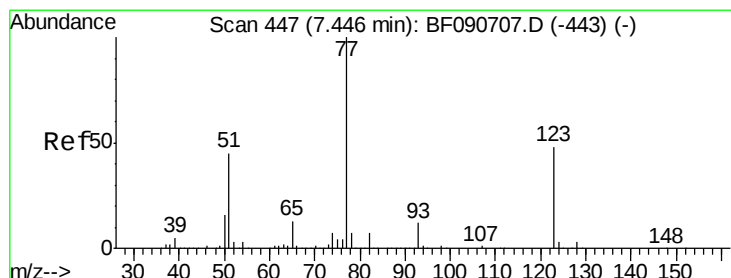
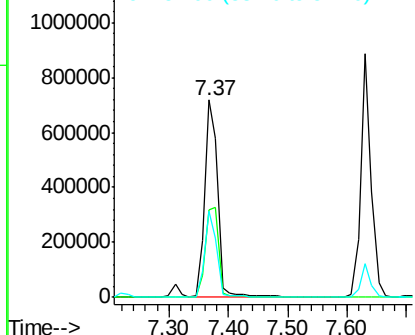
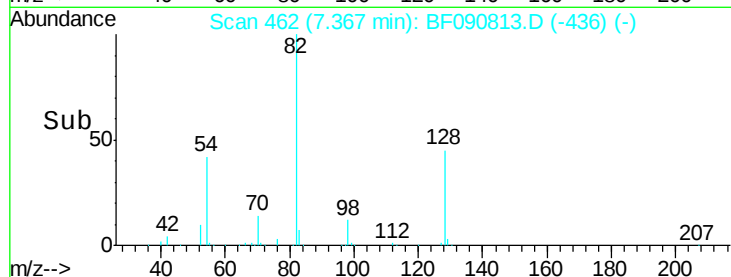
Tot Ion: 82 Resp: 1118289
 Ion Ratio Lower Upper
 82 100
 128 44.5 51.0 76.6#
 54 44.0 47.5 71.3#

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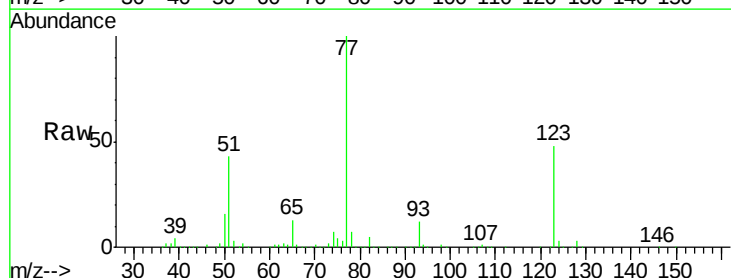


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

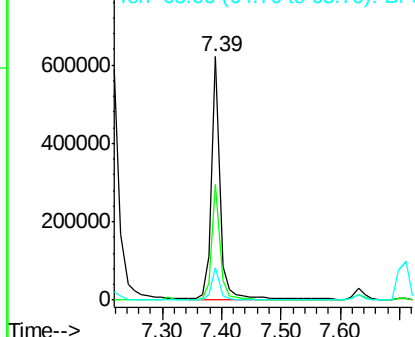
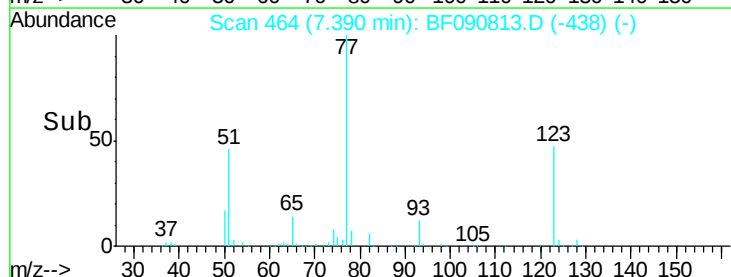


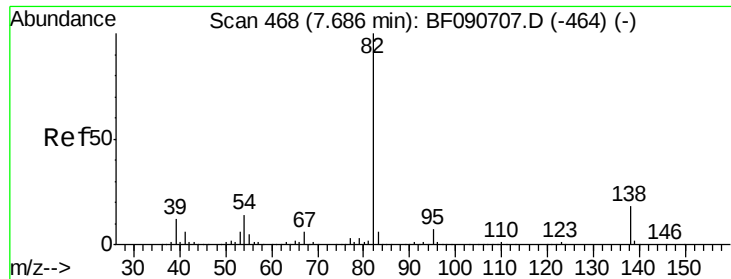
#24
 Nitrobenzene
 Concen: 34.34 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion: 77 Resp: 616725
 Ion Ratio Lower Upper
 77 100
 123 47.6 59.8 89.8#
 65 13.1 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: 33.73 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1057779

Ion Ratio Lower Upper

82 100

95 6.6 4.0 6.0#

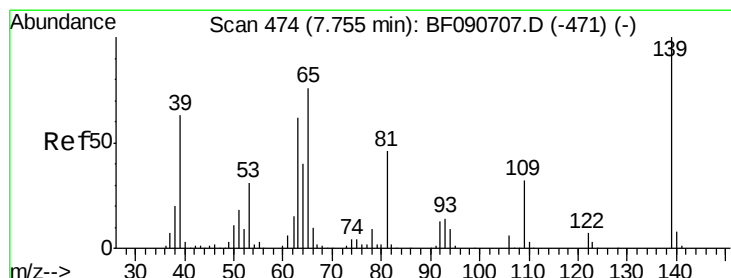
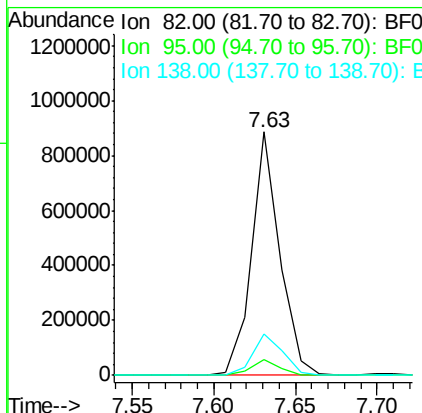
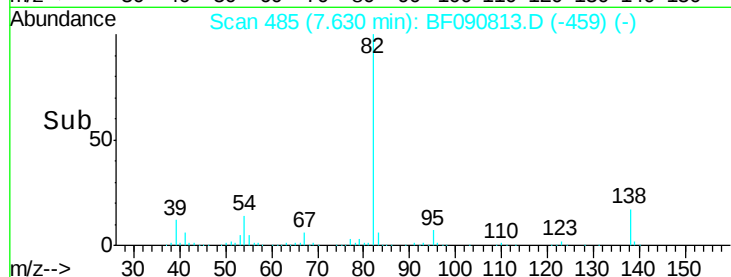
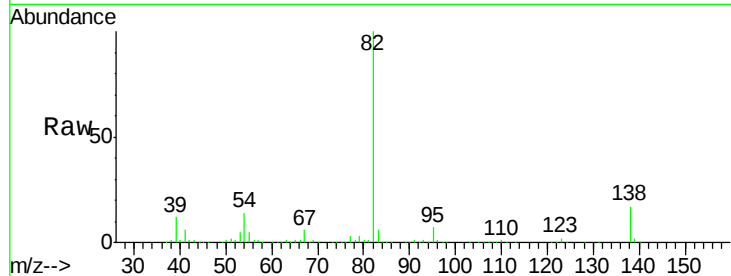
138 16.9 18.3 27.5#

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#26

2-Nitrophenol

Concen: 45.60 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

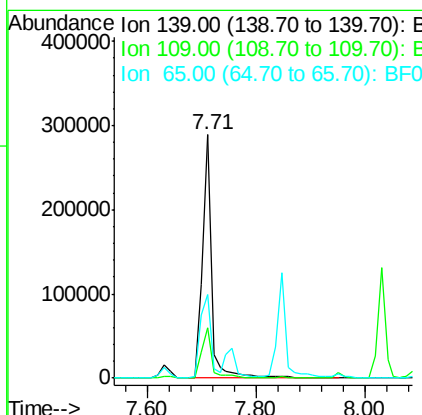
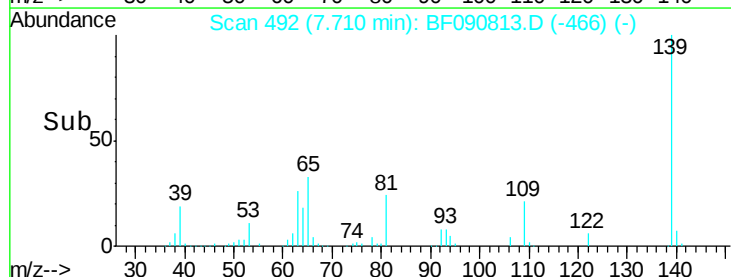
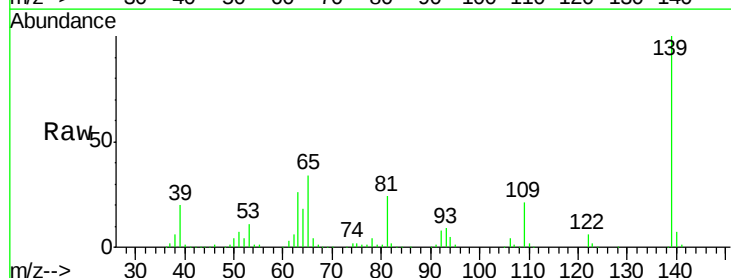
Tgt Ion: 139 Resp: 334549

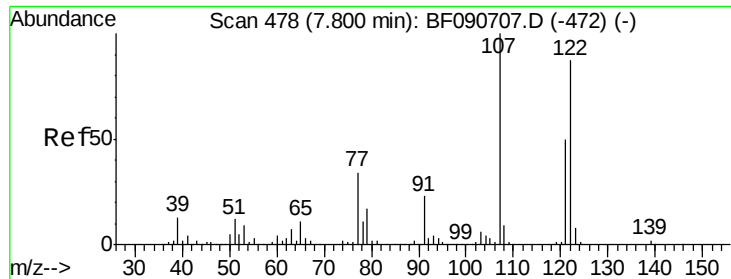
Ion Ratio Lower Upper

139 100

109 20.6 11.0 16.4#

65 34.2 24.7 37.1





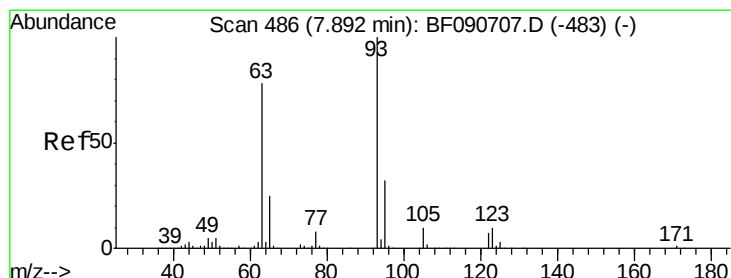
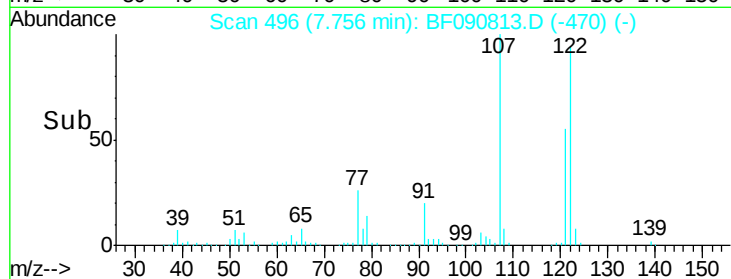
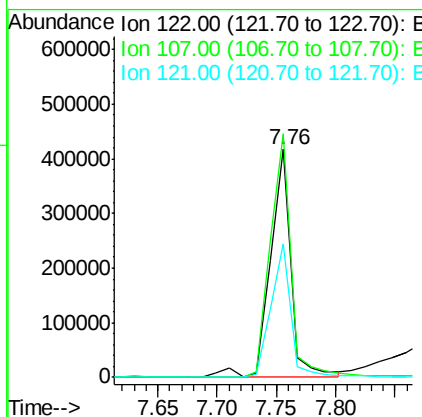
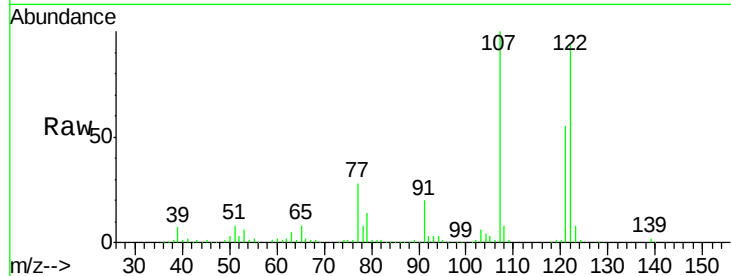
#27
2,4-Dimethylphenol
Concen: 39.19 ng
RT: 7.76 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.8	71.8	107.6
121	58.4	42.3	63.5

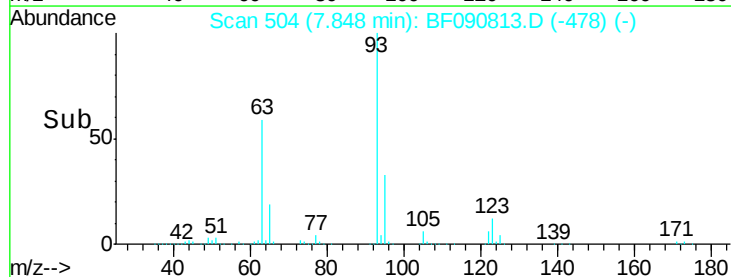
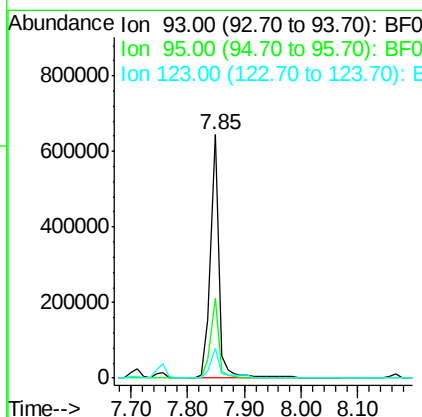
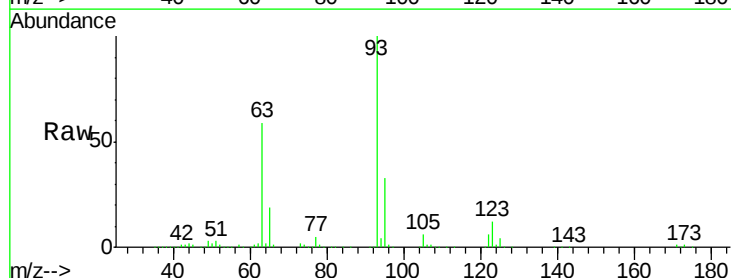
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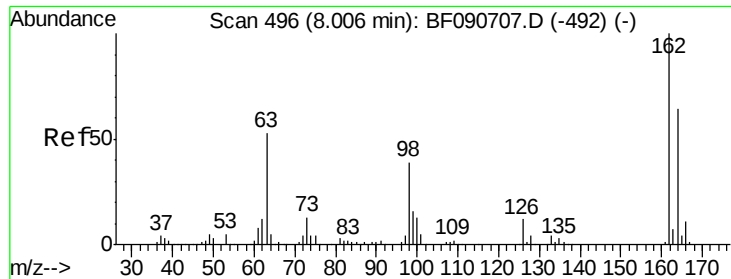
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#28
bis(2-Chloroethoxy)methane
Concen: 37.28 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.5	41.3
123	12.2	13.7	20.5#





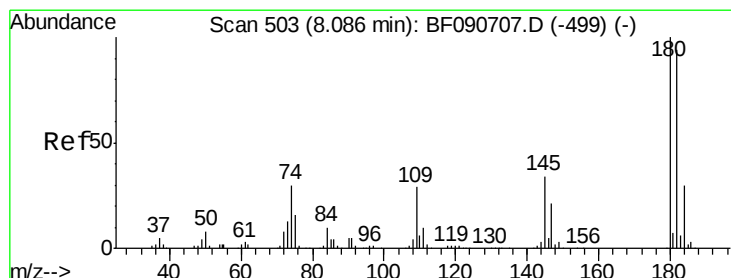
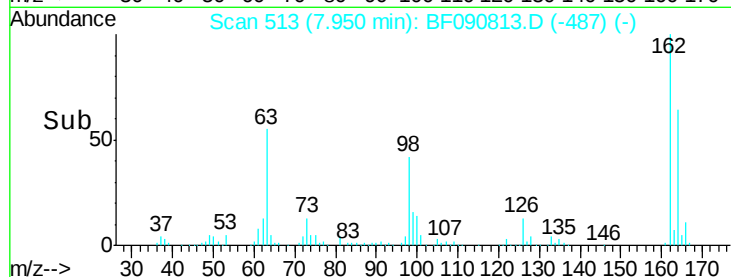
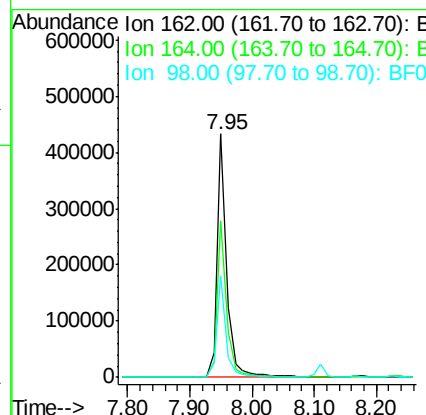
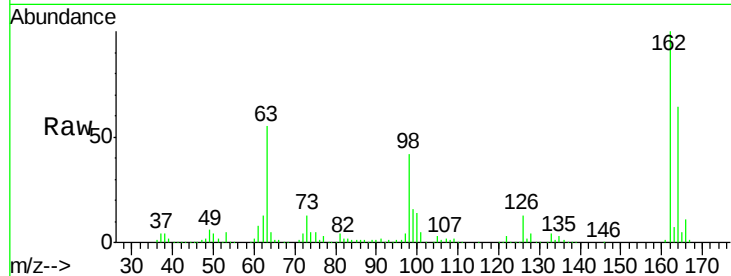
#29
2,4-Dichlorophenol
Concen: 42.92 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	458271		
164	64.3		44.9	84.9
98	41.7		13.0	53.0

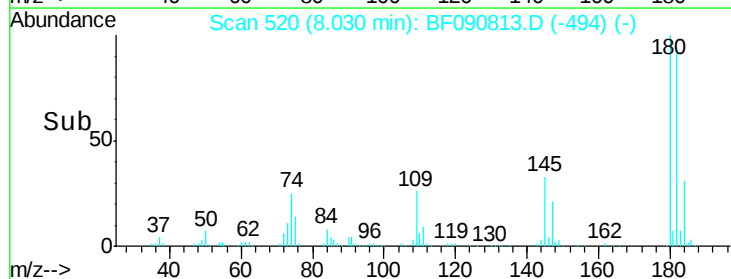
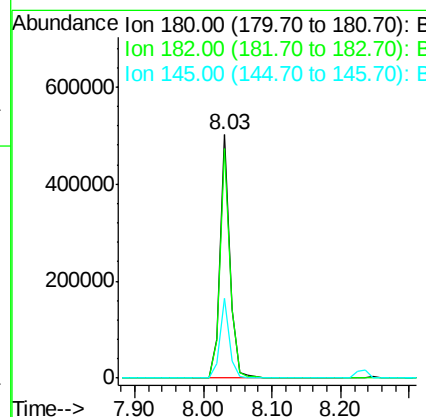
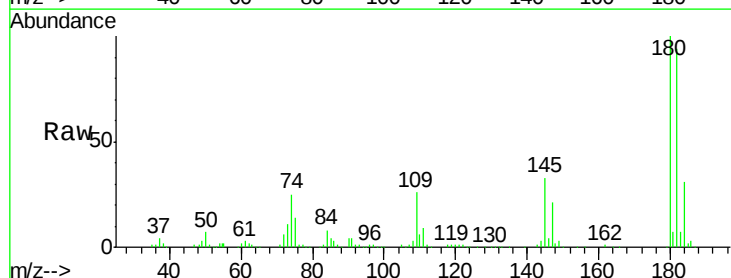
Manual Integrations
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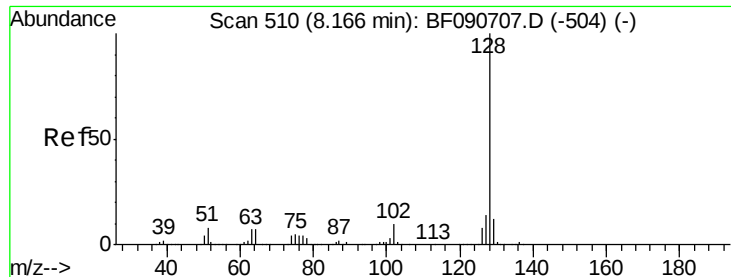
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#30
1,2,4-Trichlorobenzene
Concen: 41.05 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	515724		
182	94.1		77.1	115.7
145	32.7		23.3	34.9





#31

Naphthalene

Concen: 35.37 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1571775

Ion Ratio Lower Upper

128 100

129 12.0 8.4 12.6

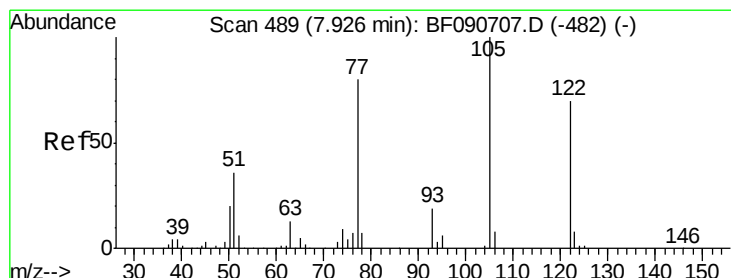
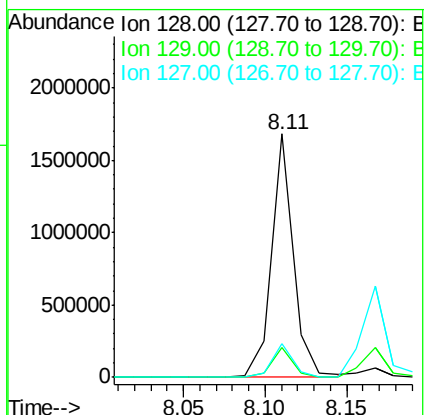
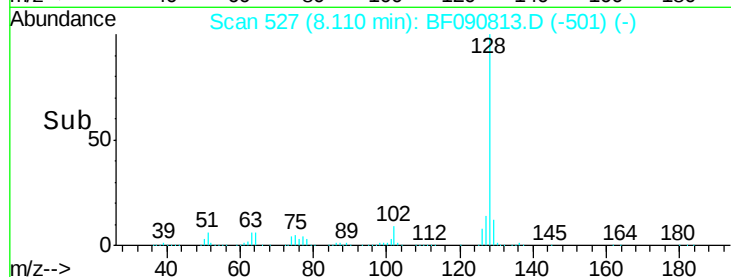
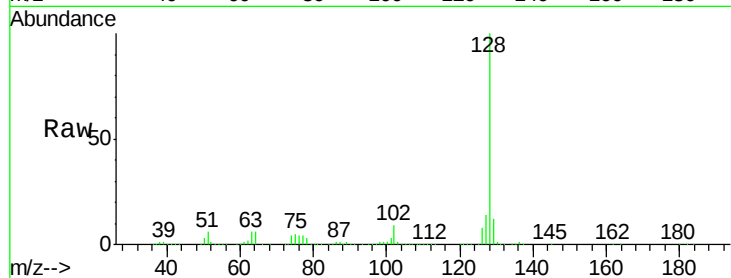
127 13.8 9.9 14.9

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#32

Benzoic acid

Concen: 42.16 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

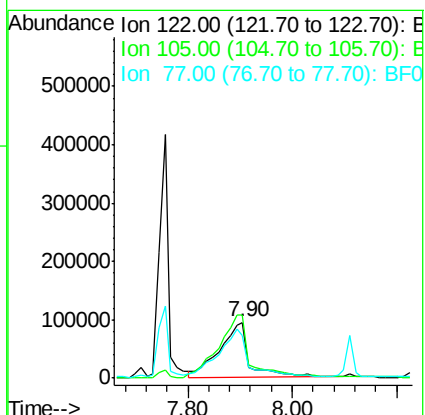
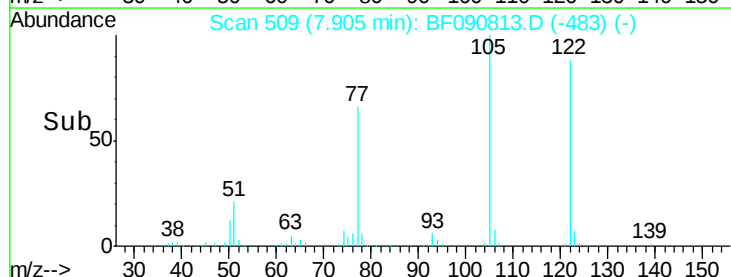
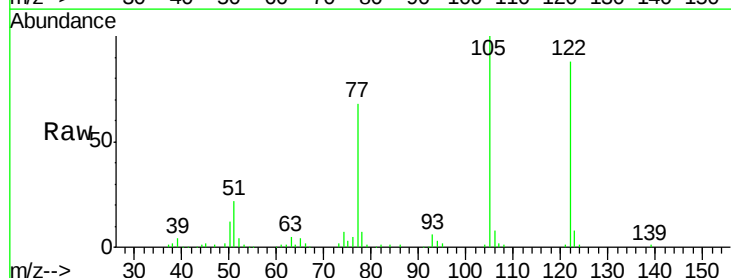
Tgt Ion:122 Resp: 376593

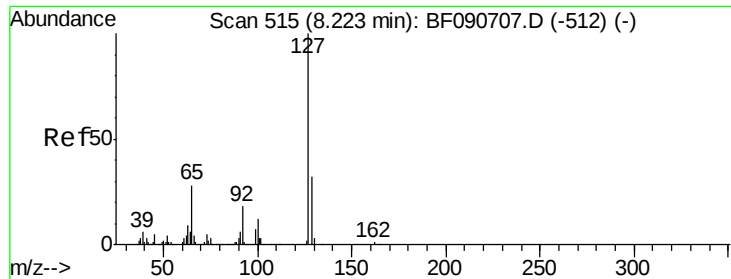
Ion Ratio Lower Upper

122 100

105 114.0 76.1 116.1

77 77.2 40.5 80.5





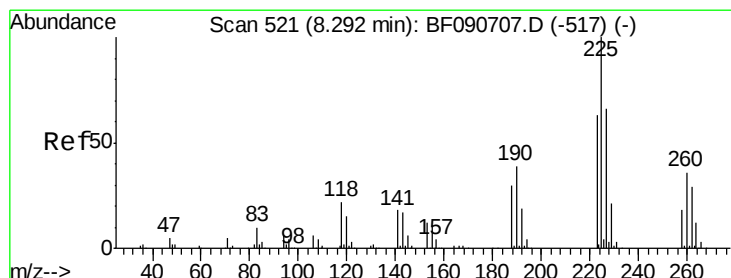
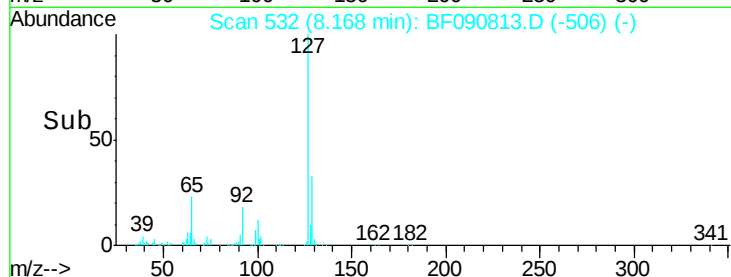
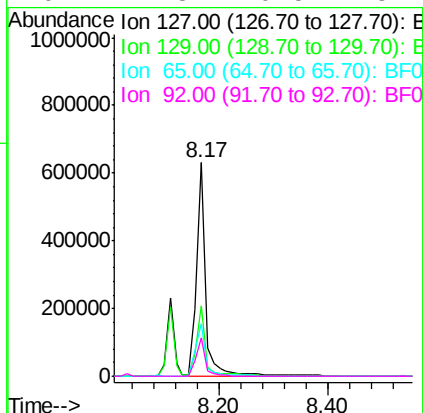
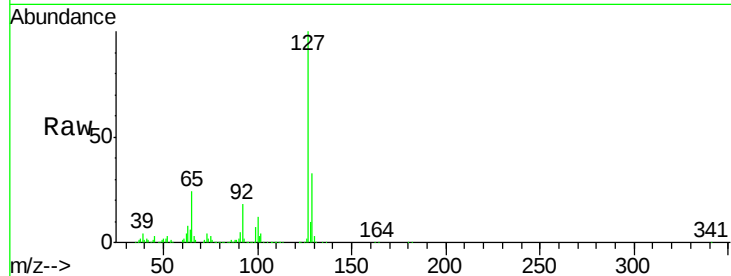
#33
4-Chloroaniline
Concen: 43.42 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	25.8	38.6	
65	24.4	17.9	26.9	
92	17.8	10.5	15.7	

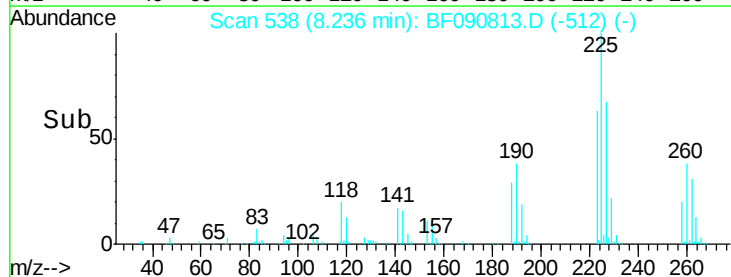
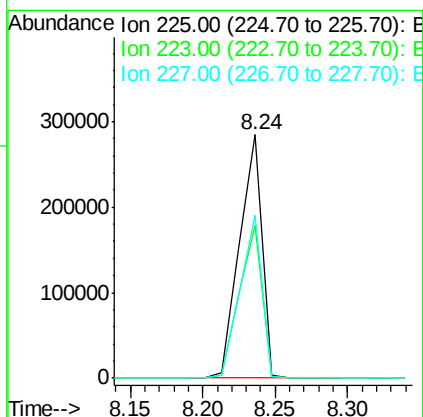
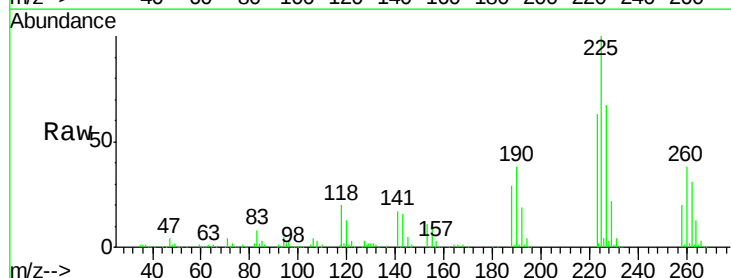
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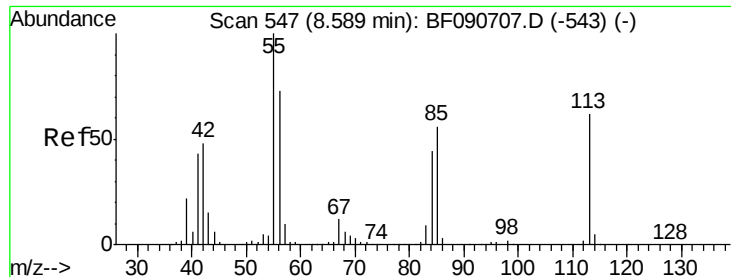
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#34
Hexachlorobutadiene
Concen: 43.20 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	50.2	75.2	
227	67.0	52.2	78.2	





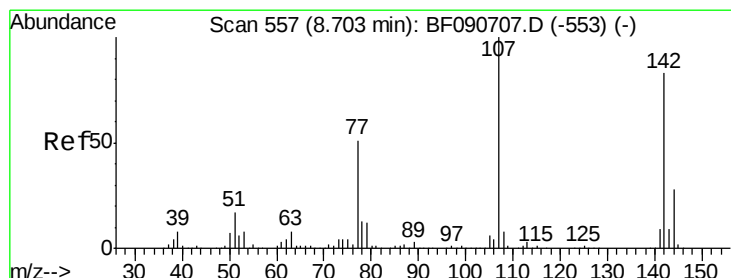
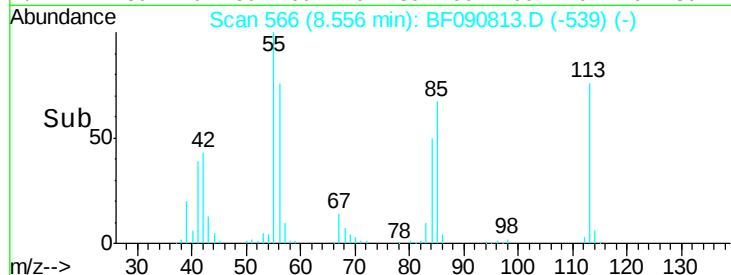
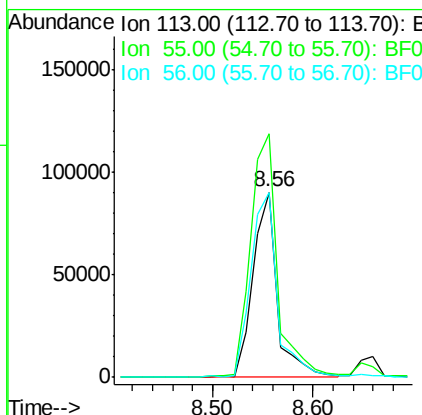
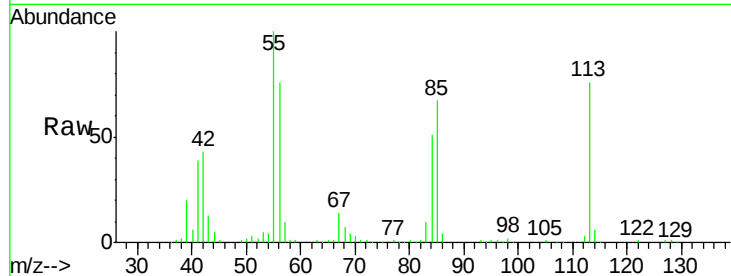
#35
 Caprolactam
 Concen: 49.55 ng
 RT: 8.56 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		151079		
55	131.4		152.4	192.4#	
56	99.6		104.6	144.6#	

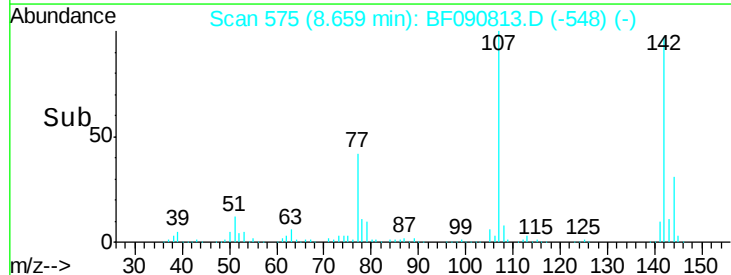
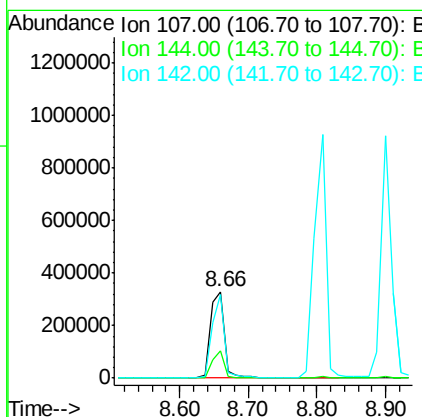
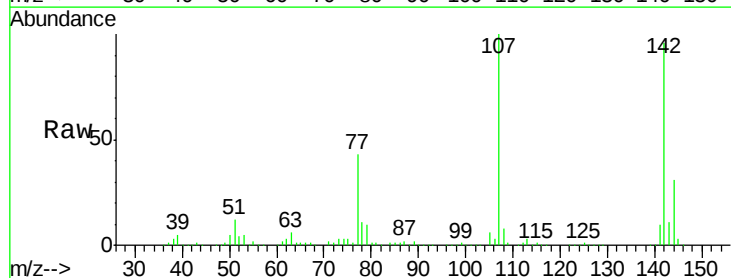
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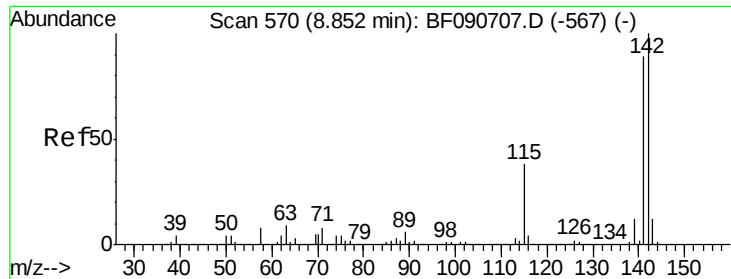
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#36
 4-Chloro-3-methylphenol
 Concen: 38.78 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		481499		
144	31.3		25.4	38.0	
142	96.4		77.3	115.9	





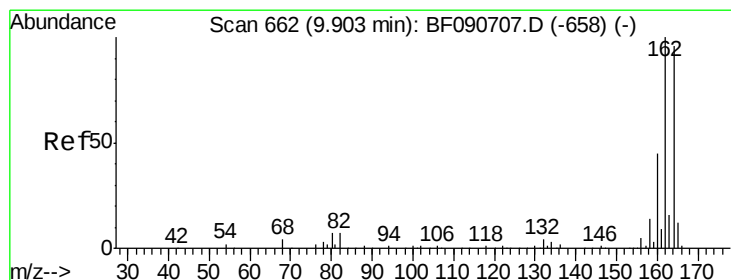
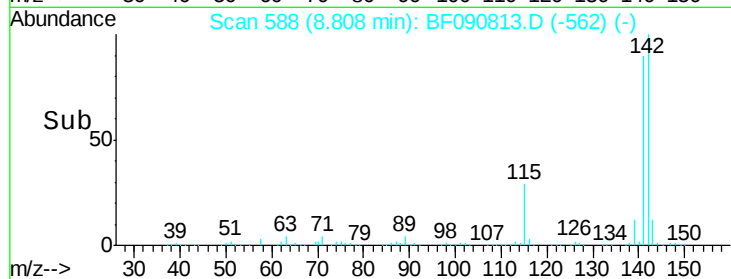
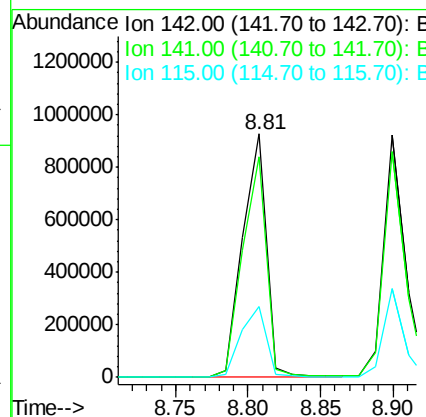
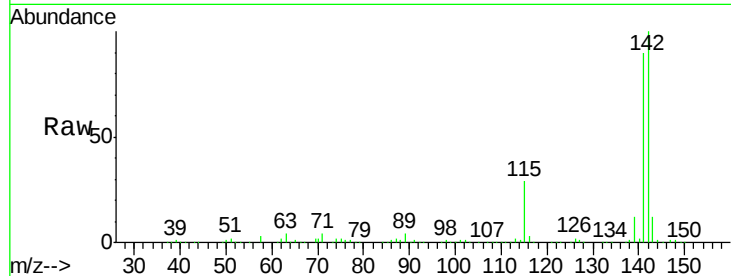
#37
2-Methylnaphthalene
Concen: 40.91 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	67.5	101.3
115	29.1	18.2	27.2#

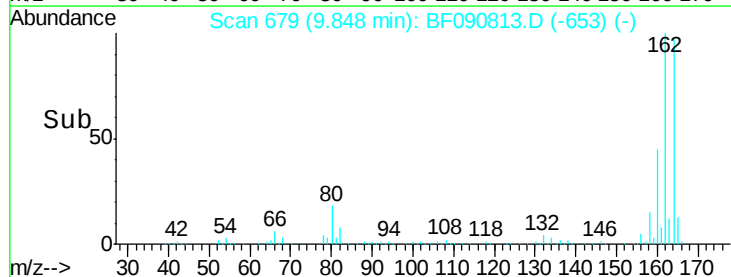
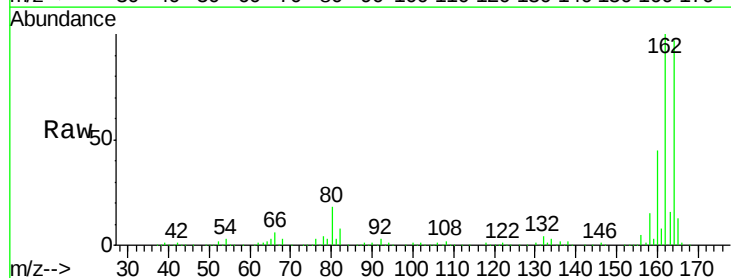
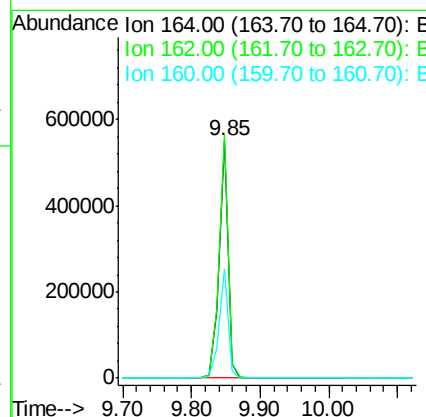
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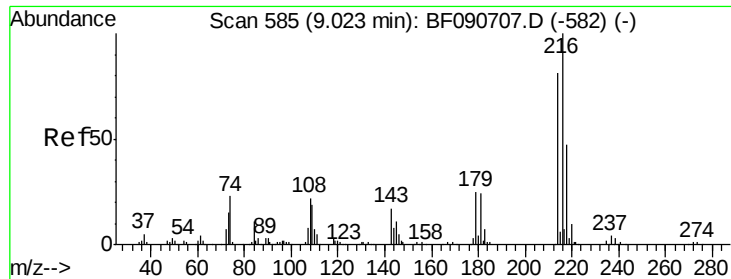
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	75.2	112.8
160	45.9	31.5	47.3





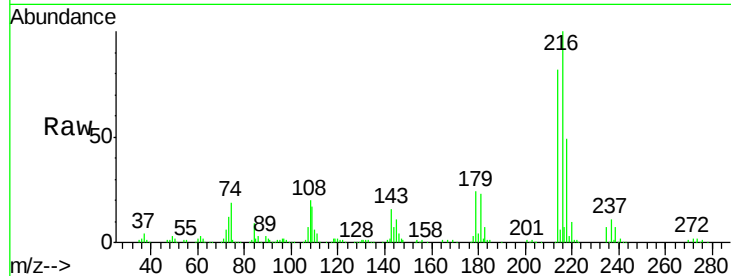
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.50 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

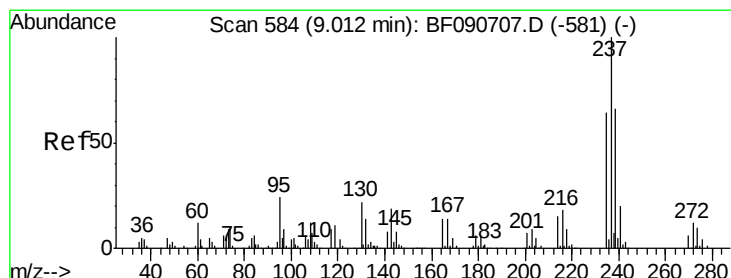
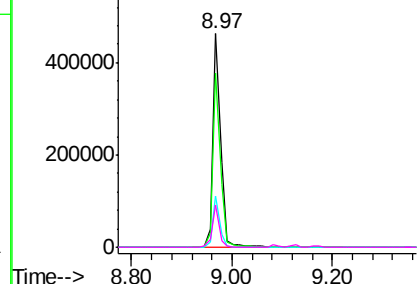
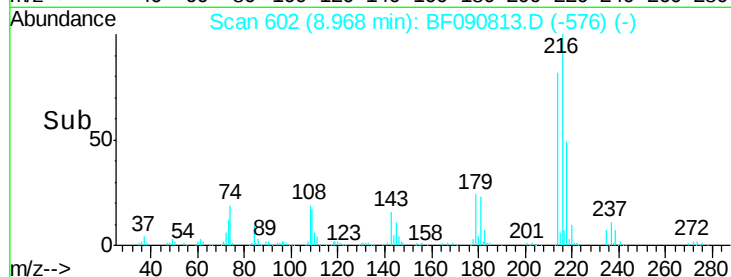
Tot Ion:	216	Resp:	495340
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.5	95.3
179	21.8	16.6	24.8
108	17.7	16.3	24.5

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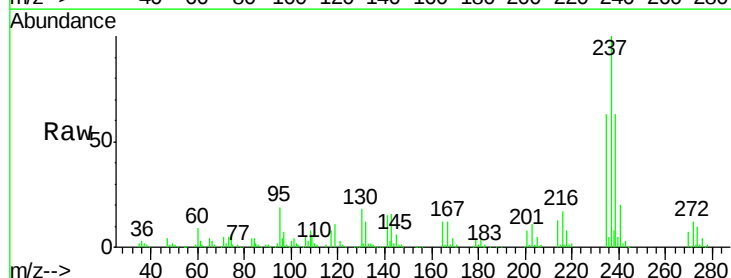


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

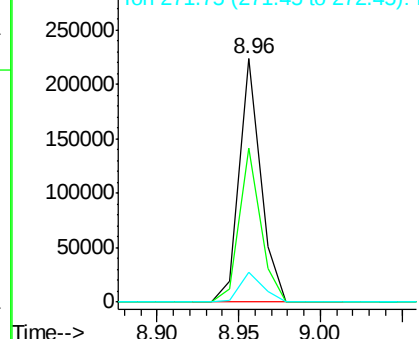
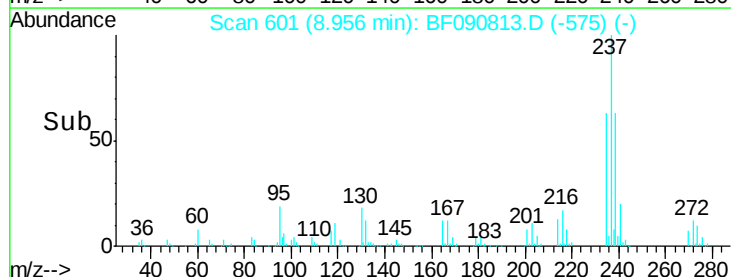


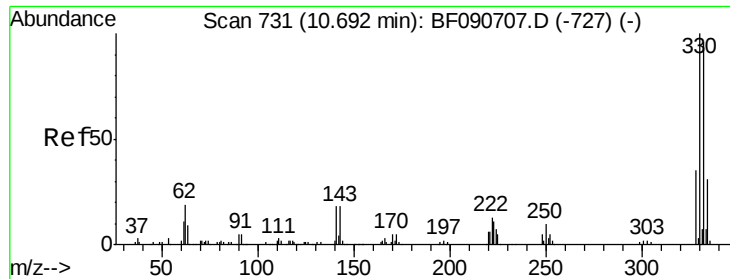
#40
 Hexachlorocyclopentadiene
 Concen: 30.84 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion:	237	Resp:	202040
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.0	82.0
272	12.0	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





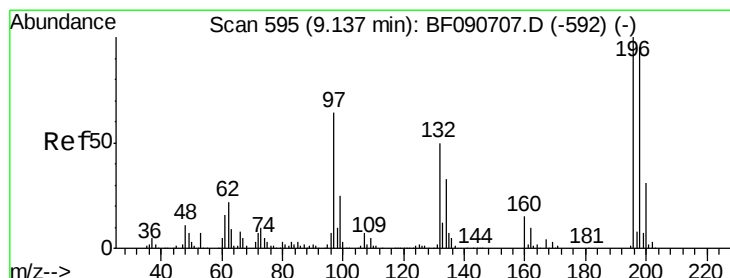
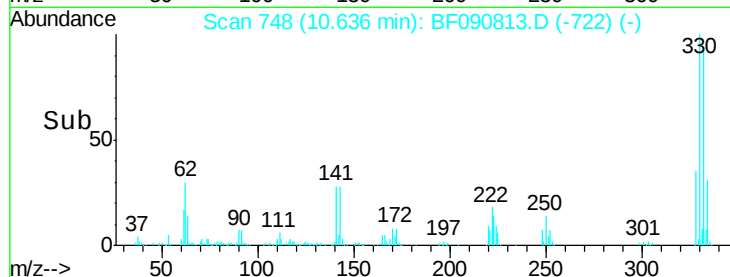
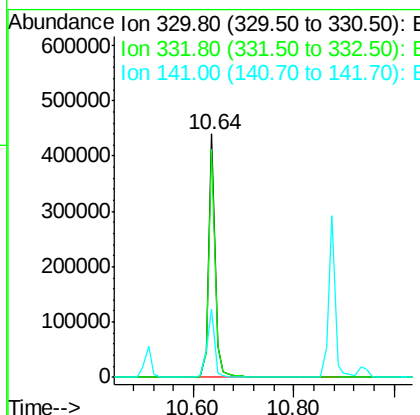
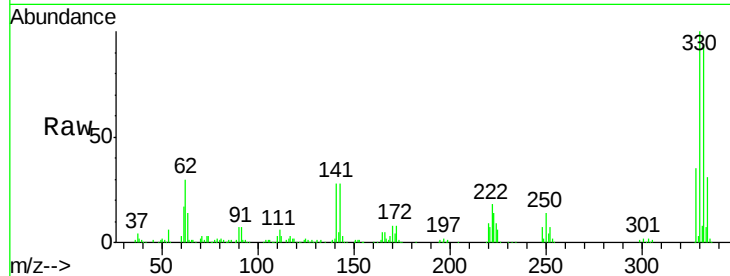
#41
 2,4,6-Tribromophenol
 Concen: 96.66 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	395409		
332	94.9	76.6	114.8	
141	31.9	29.7	44.5	

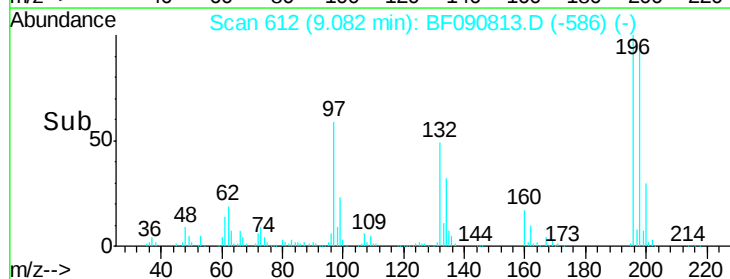
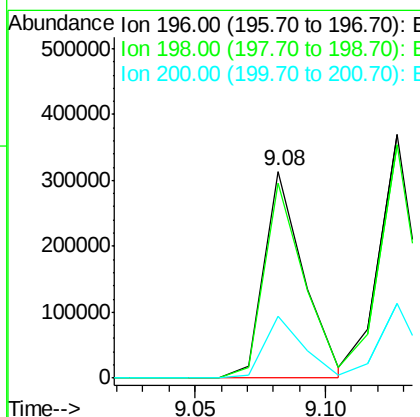
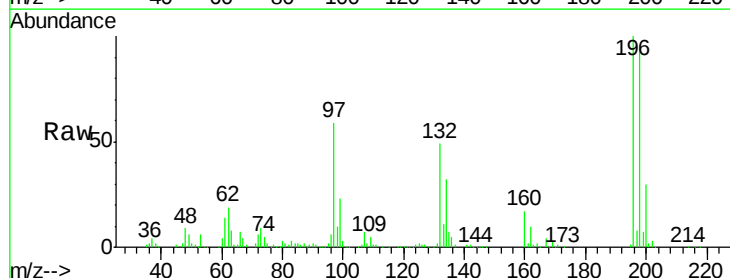
Manual Integrations
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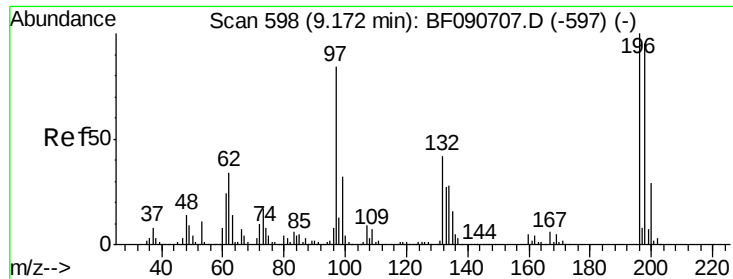
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#42
 2,4,6-Trichlorophenol
 Concen: 38.19 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	330534		
198	94.3	75.7	113.5	
200	29.7	23.9	35.9	





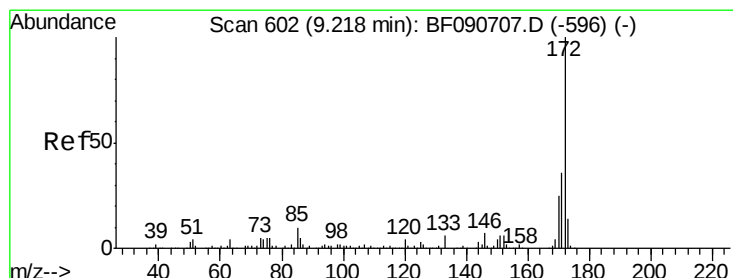
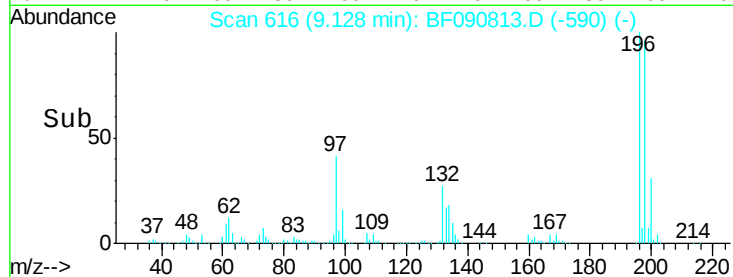
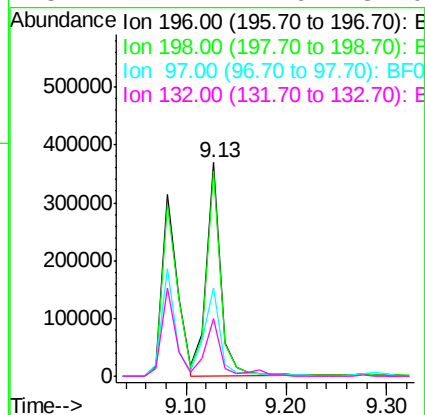
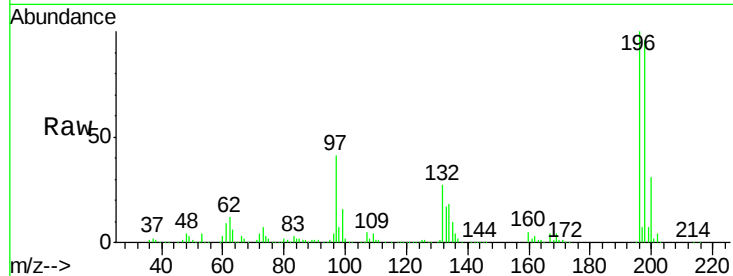
#43
 2,4,5-Trichlorophenol
 Concen: 41.56 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		364978		
198	96.0		75.4	113.0	
97	41.1		33.3	49.9	
132	27.1		24.6	37.0	

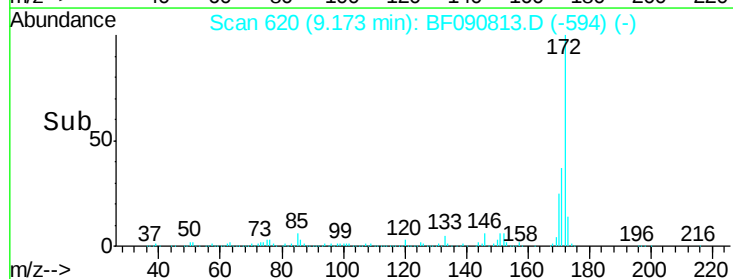
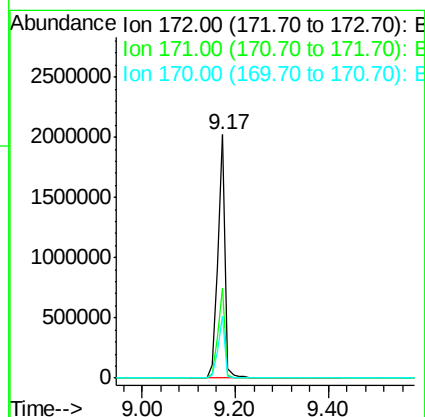
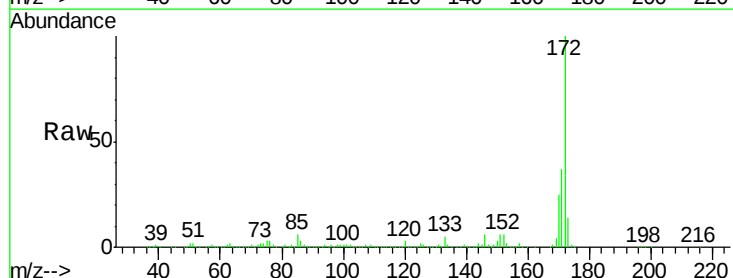
Manual Integrations
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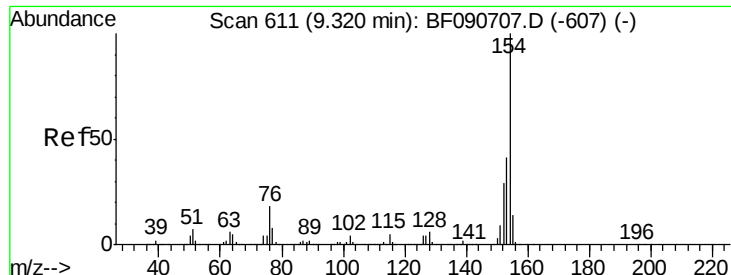
umangi
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#44
 2-Fluorobiphenyl
 Concen: 66.04 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2198656		
171	37.2		26.1	39.1	
170	25.2		17.4	26.2	





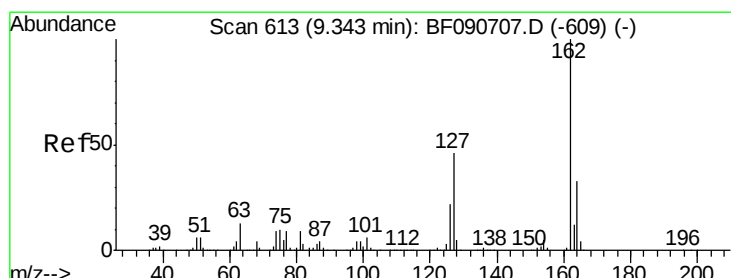
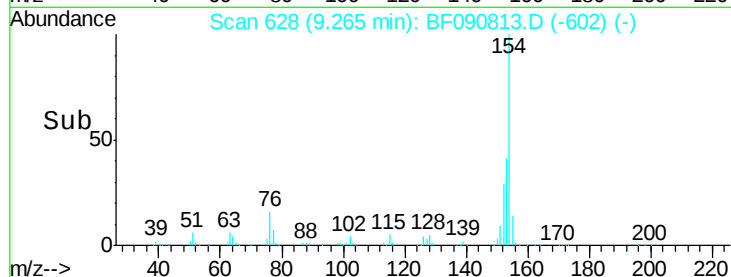
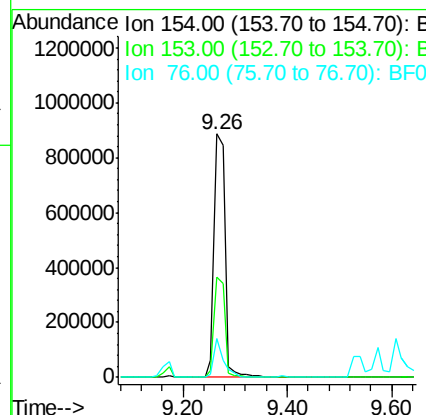
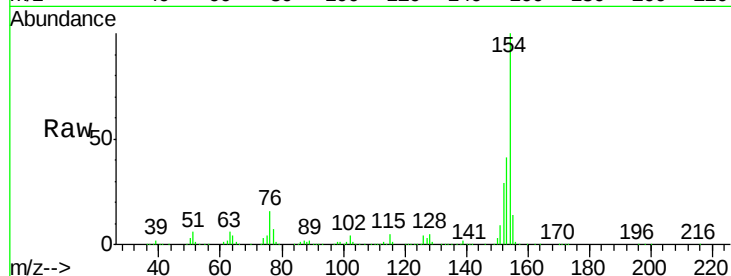
#45
 1,1'-Biphenyl
 Concen: 32.30 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	17.1	57.1
76	16.0	0.0	31.6

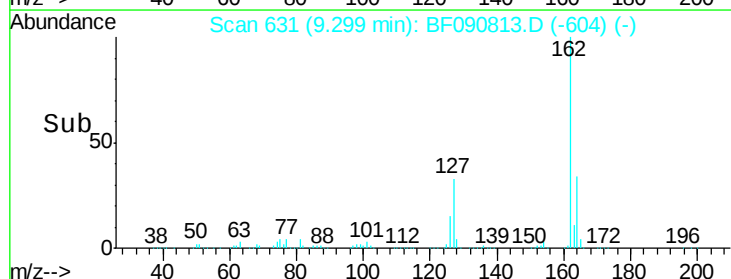
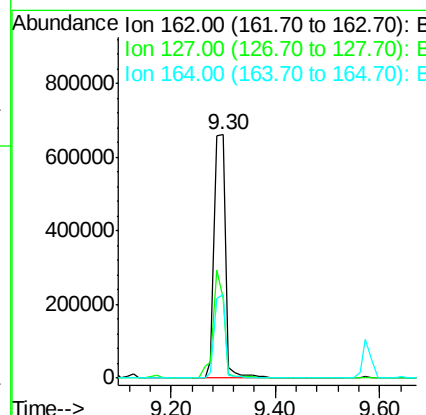
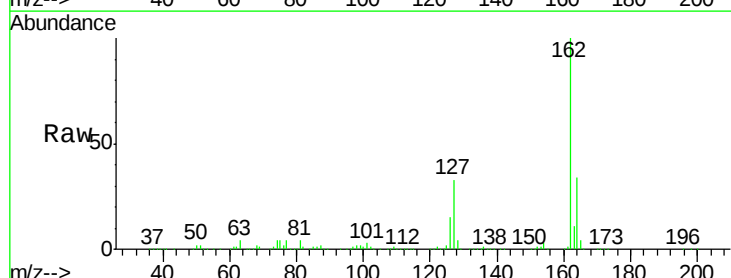
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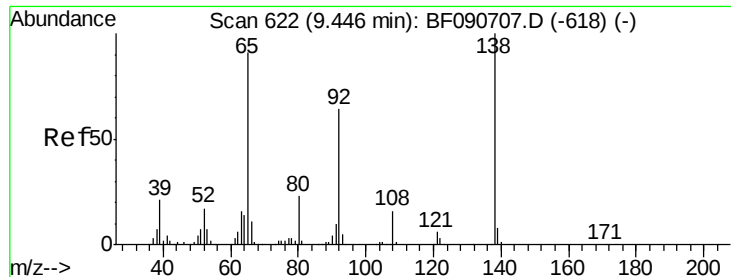
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#46
 2-Chloronaphthalene
 Concen: 33.23 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.7	27.6	41.4
164	34.4	25.4	38.2





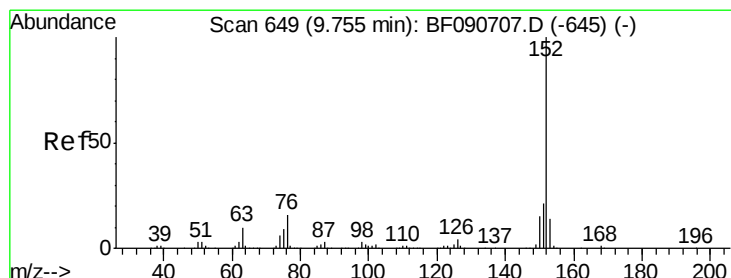
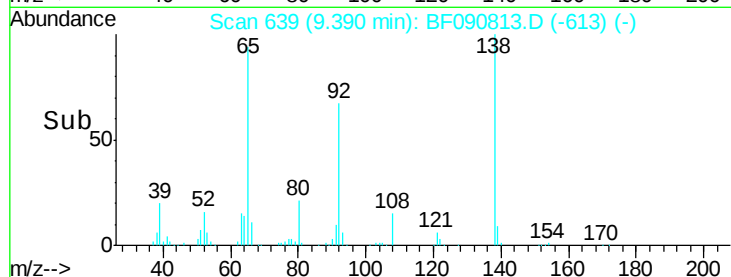
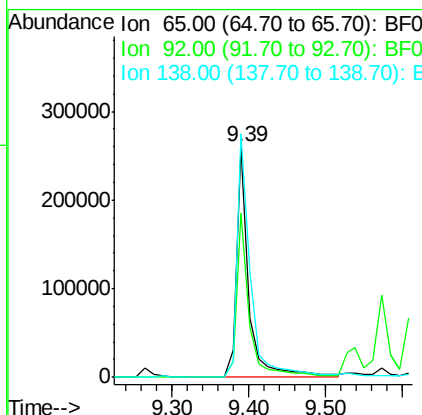
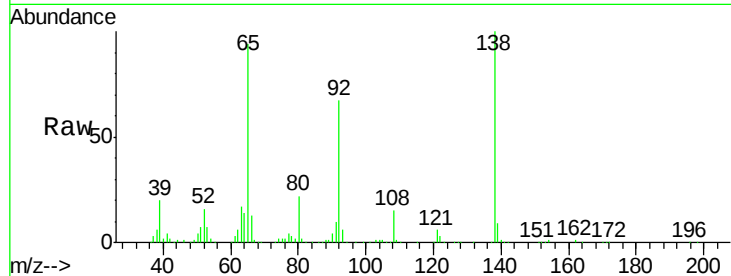
#47
 2-Nitroaniline
 Concen: 29.56 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.5	55.4	83.0
138	106.0	115.5	173.3

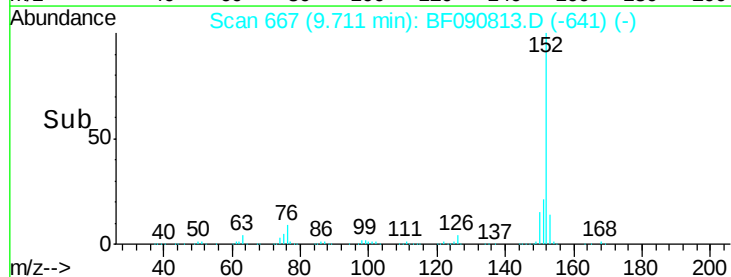
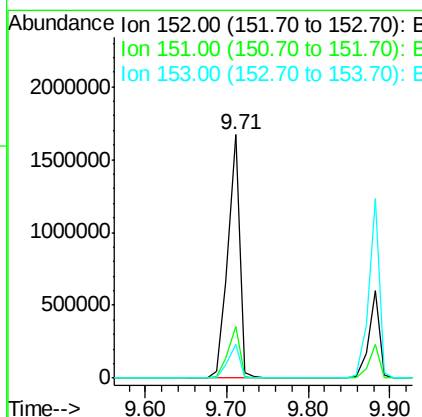
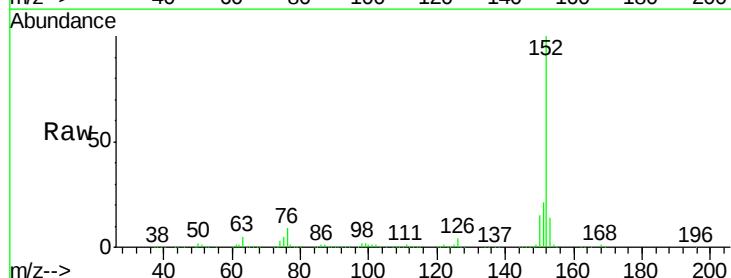
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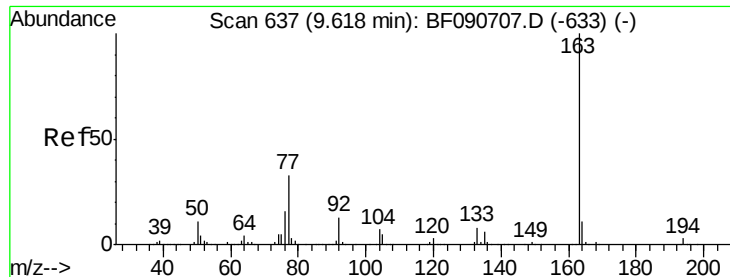
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#48
 Acenaphthylene
 Concen: 36.30 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	14.6	22.0
153	13.6	10.3	15.5





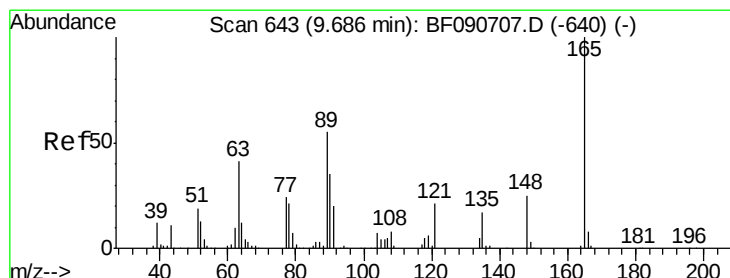
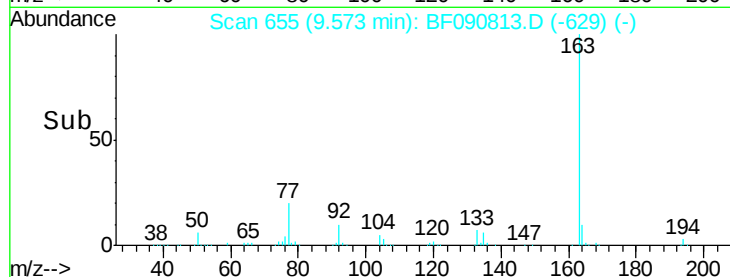
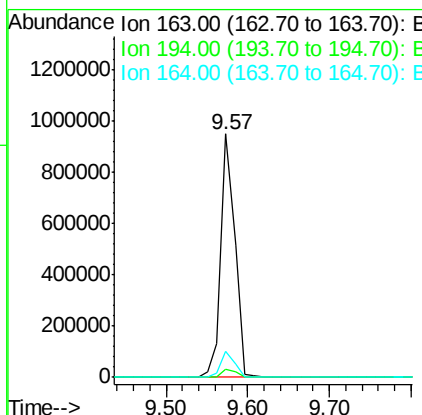
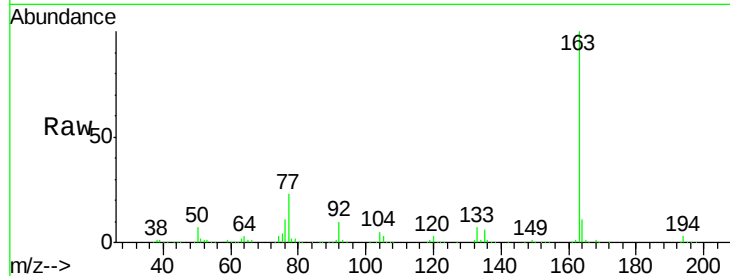
#49
Dimethylphthalate
Concen: 34.88 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:163 Resp: 1132809
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 11.0 8.3 12.5

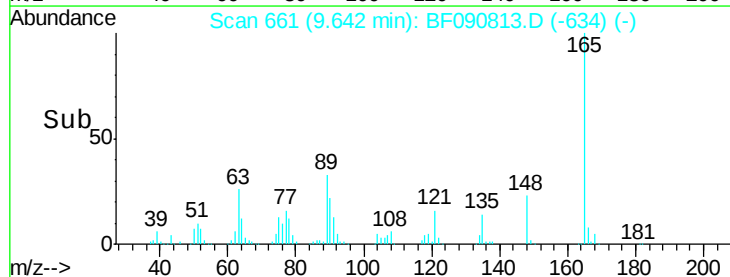
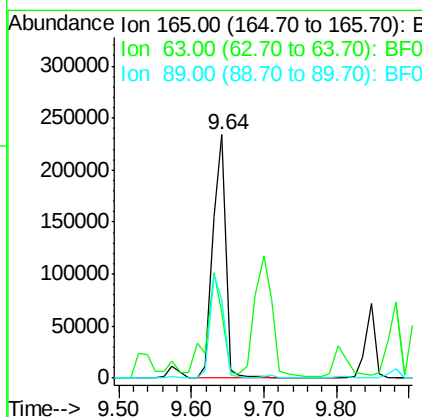
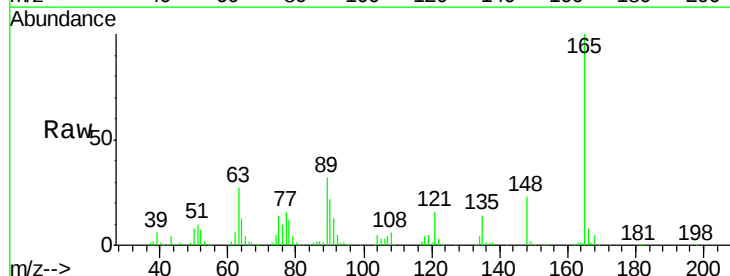
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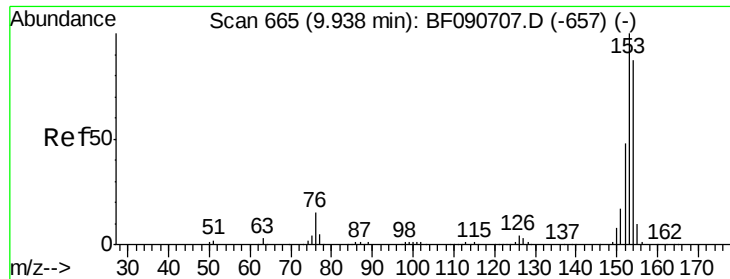
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#50
2,6-Dinitrotoluene
Concen: 41.28 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion:165 Resp: 288295
Ion Ratio Lower Upper
165 100
63 26.8 32.3 48.5#
89 32.5 28.6 43.0





#51

Acenaphthene

Concen: 35.07 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1071639

Ion Ratio Lower Upper

154 100

153 114.8 82.1 123.1

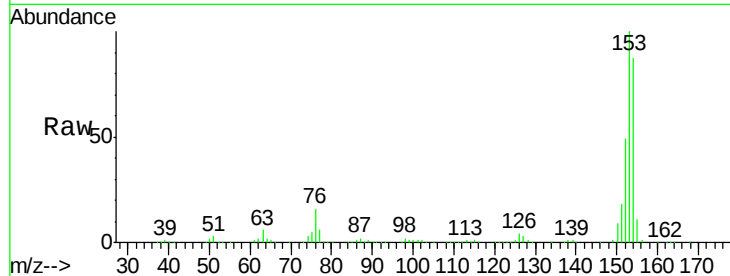
152 56.1 37.9 56.9

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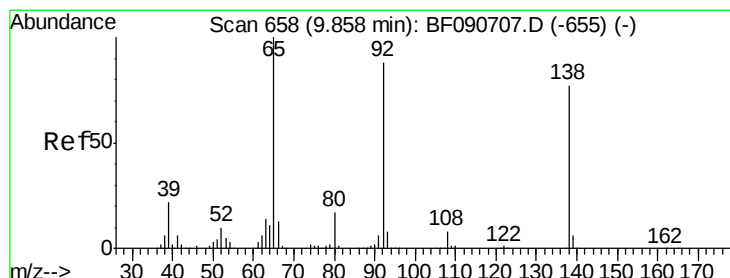
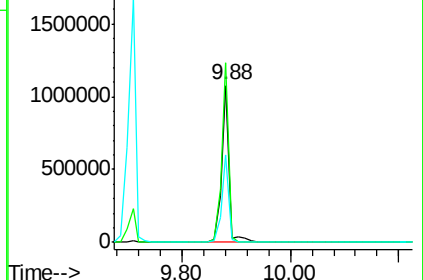
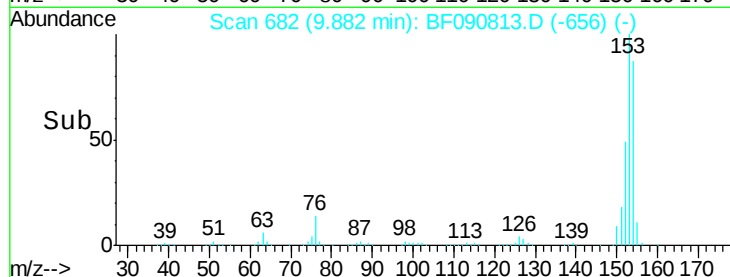
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.92 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

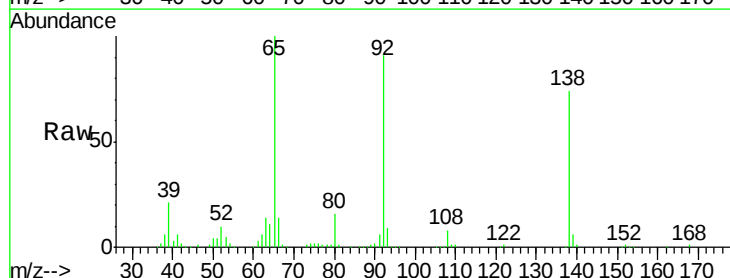
Tgt Ion:138 Resp: 288354

Ion Ratio Lower Upper

138 100

108 10.4 5.7 8.5#

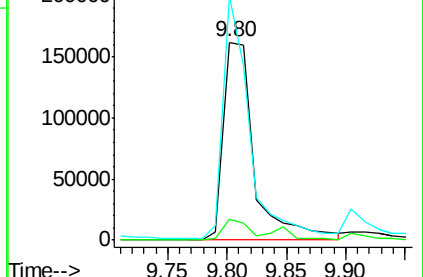
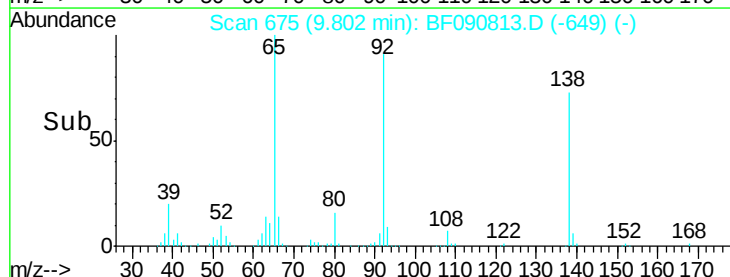
92 122.9 67.7 101.5#

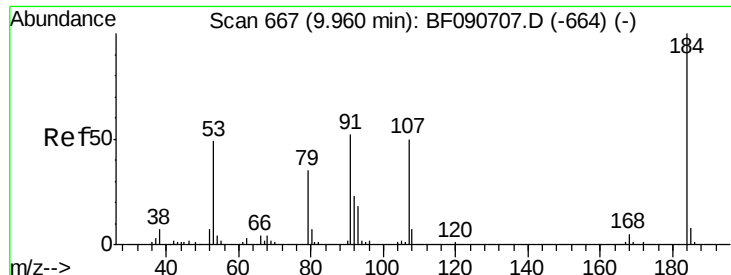


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





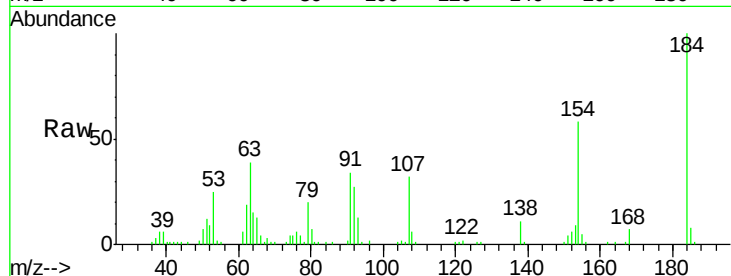
#53
2,4-Dinitrophenol
Concen: 39.99 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

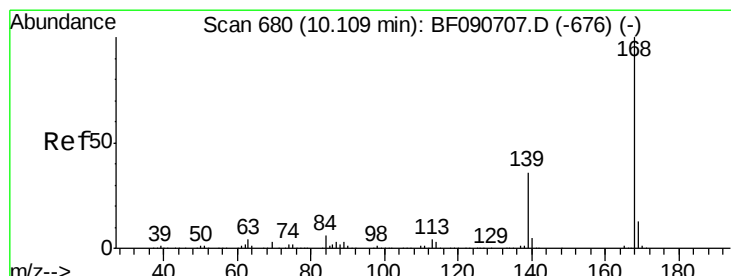
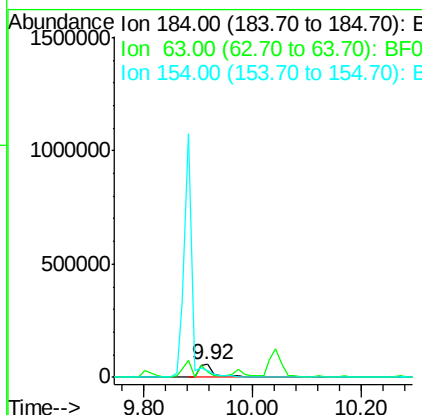
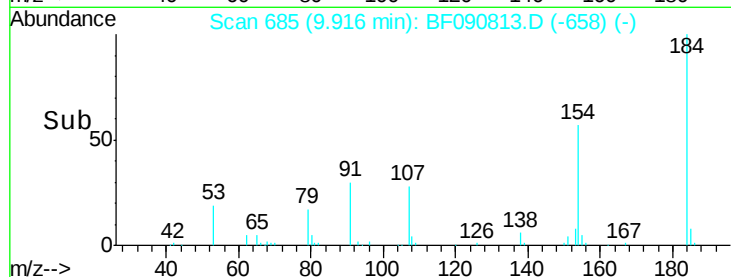
Tot Ion	Ratio	Resp	Lower	Upper
184	100	117744		
63	38.9	35.4	53.2	
154	58.2	32.2	48.4	

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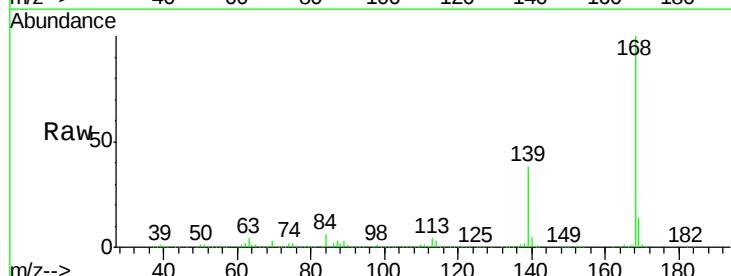


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

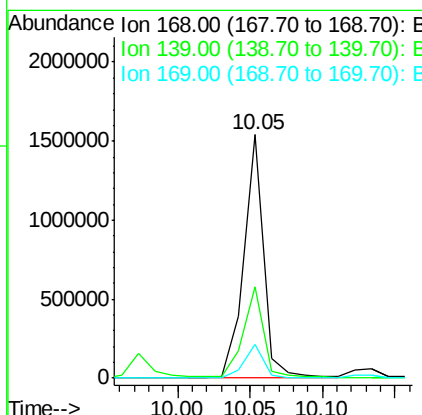
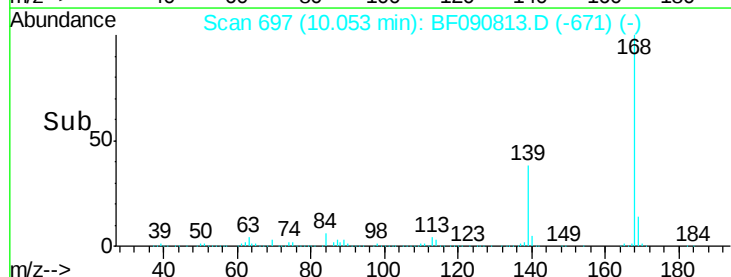


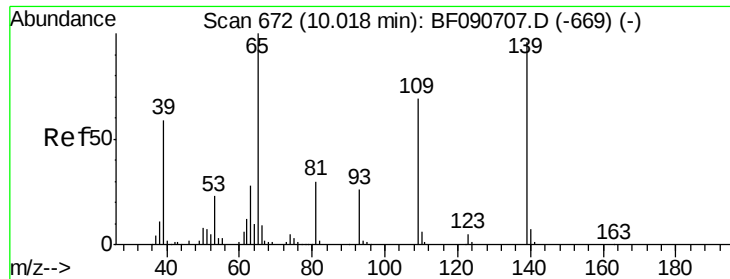
#54
Dibenzofuran
Concen: 39.51 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1462496		
139	37.6	24.2	36.2	
169	13.8	10.6	15.8	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





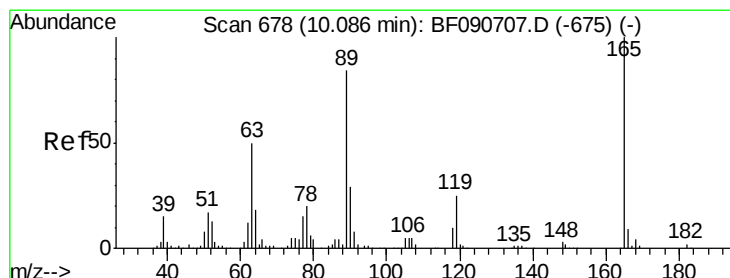
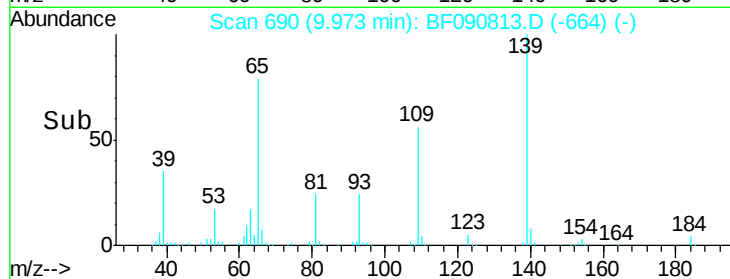
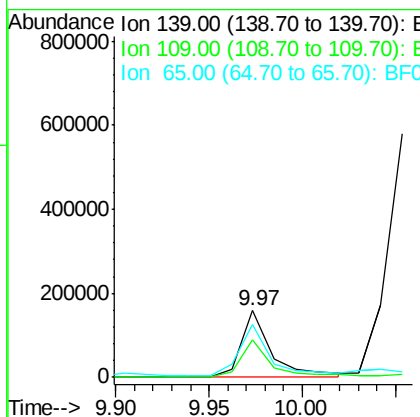
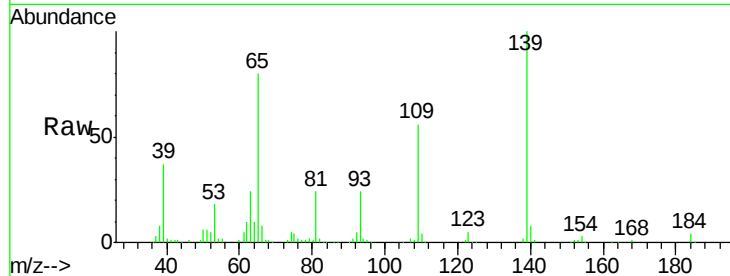
#55
4-Nitrophenol
Concen: 39.55 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100	179060		
109	55.8	12.7	52.7#	
65	79.7	45.9	85.9	

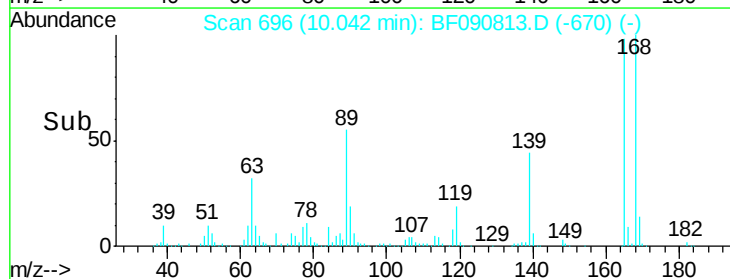
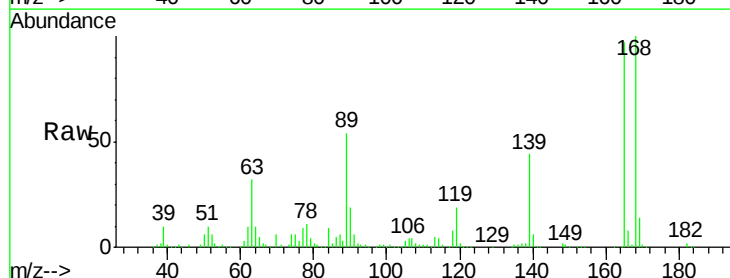
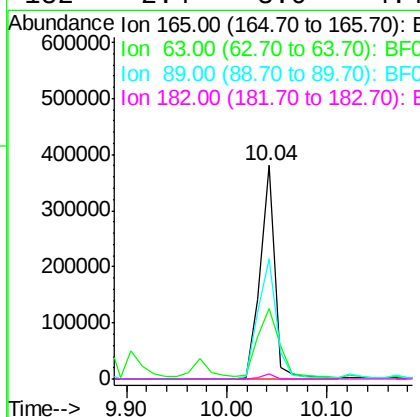
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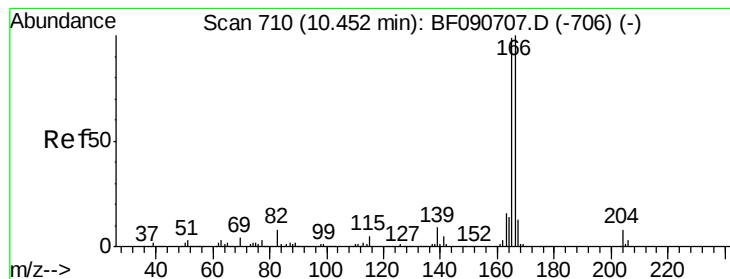
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#56
2,4-Dinitrotoluene
Concen: 45.61 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	389327		
63	33.2	29.8	44.6	
89	56.1	44.5	66.7	
182	2.4	3.0	4.4#	





#57

Fluorene

Concen: 39.42 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1209355

Ion Ratio Lower Upper

166 100

165 99.1 72.6 109.0

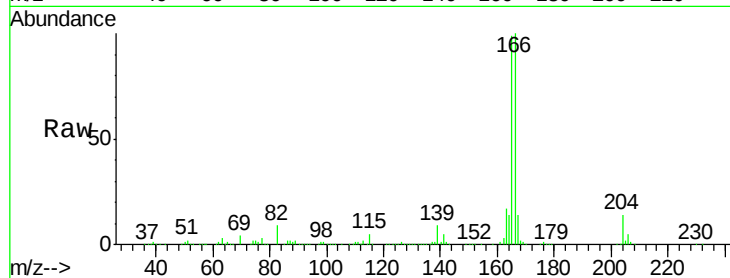
167 13.5 10.6 16.0

Manual Integrations

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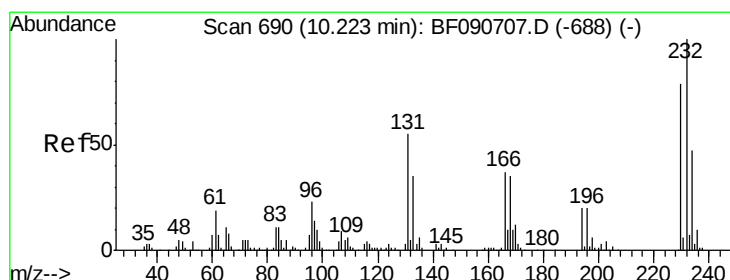
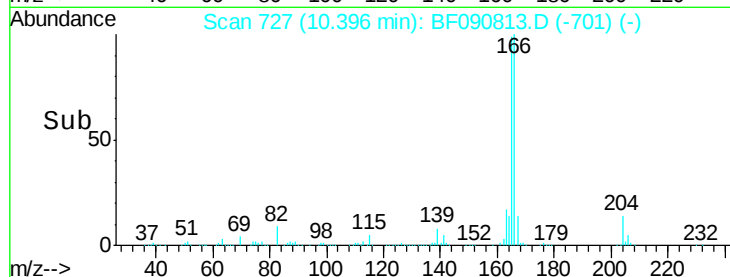
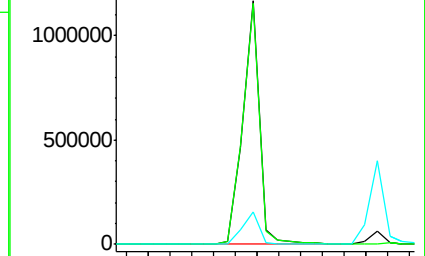
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.20 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Tgt Ion:232 Resp: 283959

Ion Ratio Lower Upper

232 100

131 50.3 38.5 57.7

130 2.2 1.8 2.6

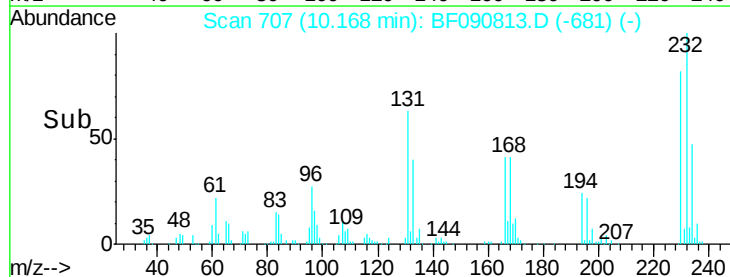
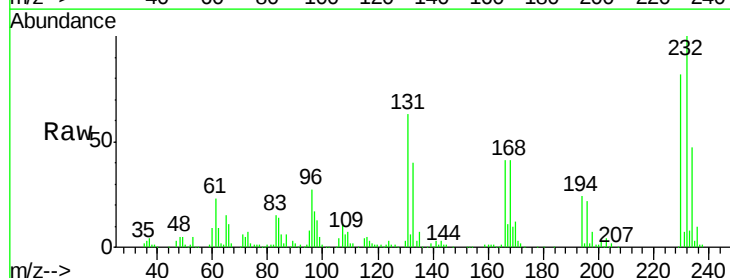
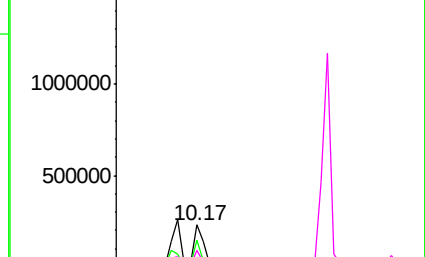
166 32.7 25.0 37.6

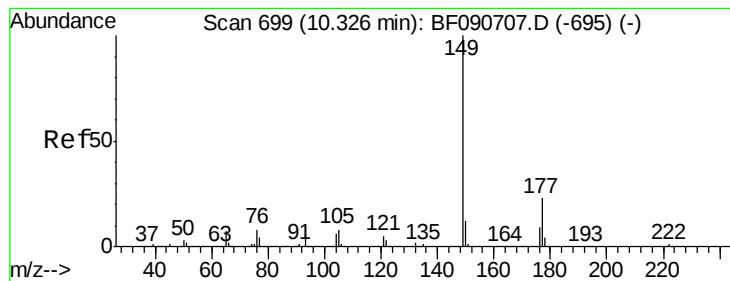
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 34.84 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1173509

Ion Ratio Lower Upper

149 100

177 21.1 17.5 26.3

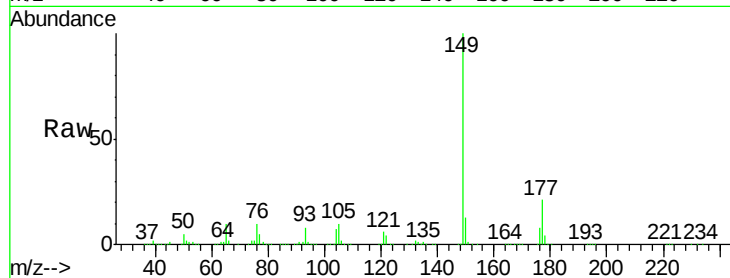
150 13.0 9.4 14.2

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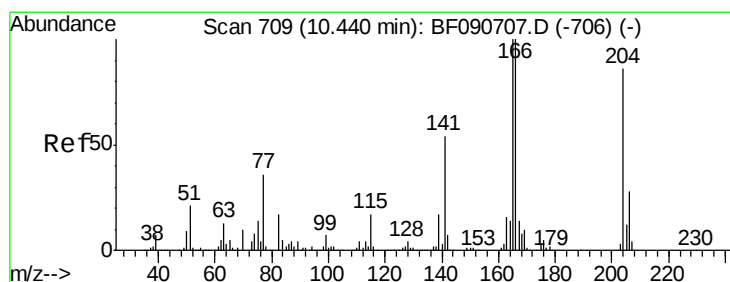
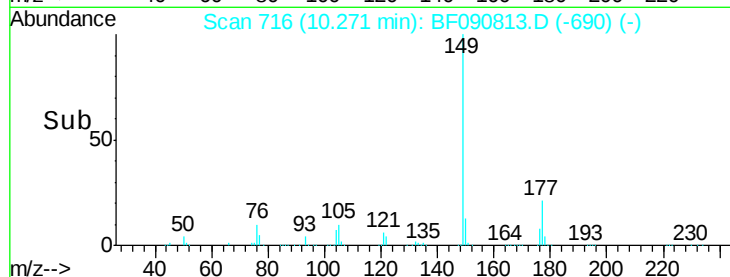
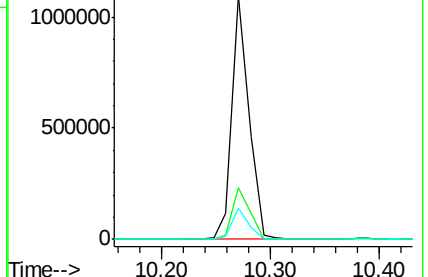
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.74 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

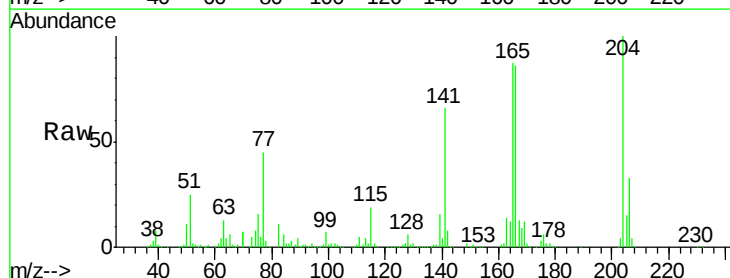
Tgt Ion:204 Resp: 529042

Ion Ratio Lower Upper

204 100

206 32.6 24.8 37.2

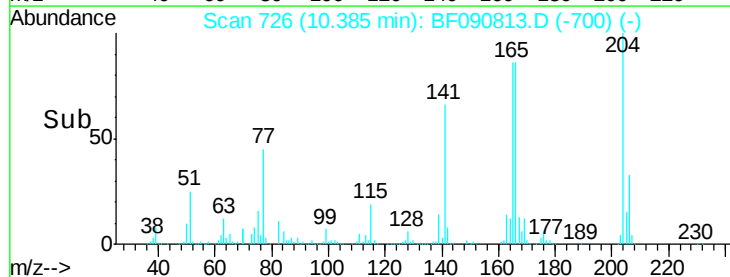
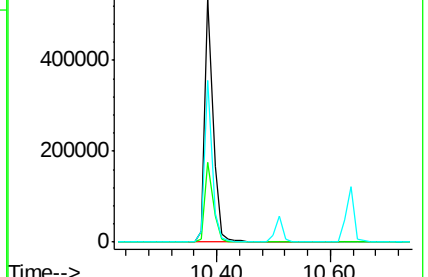
141 66.2 42.2 63.4#

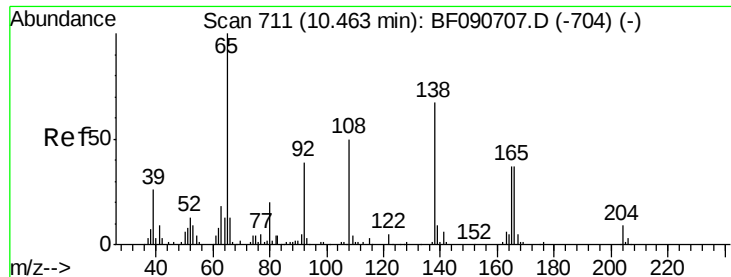


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.31 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 138 Resp: 311482
Ion Ratio Lower Upper

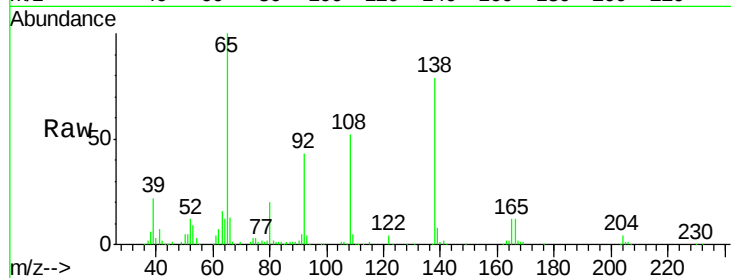
138 100

92 55.1 12.6 52.6#

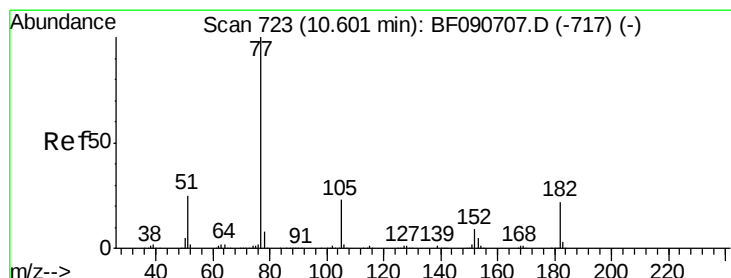
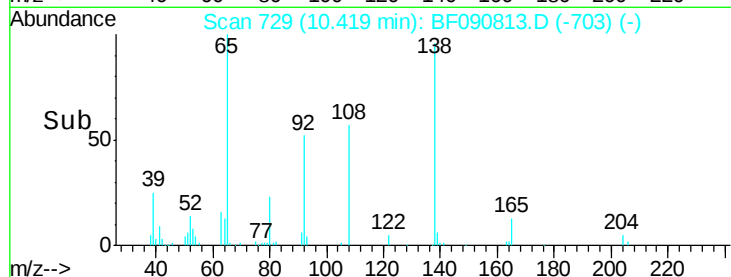
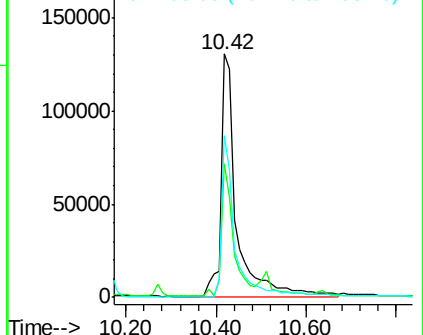
108 66.5 12.4 52.4#

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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 30.15 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Tgt Ion: 77 Resp: 1189036
Ion Ratio Lower Upper

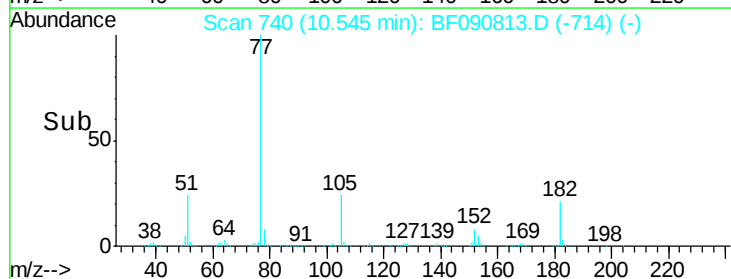
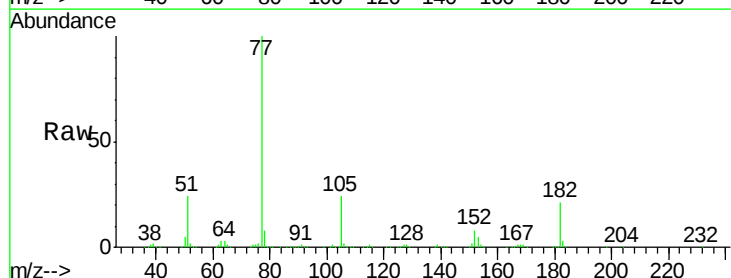
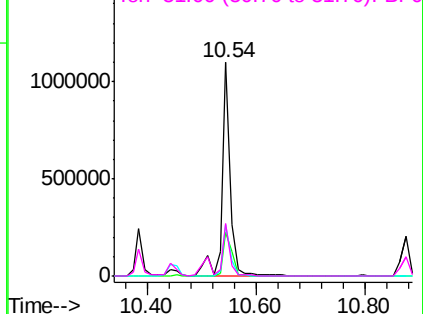
77 100

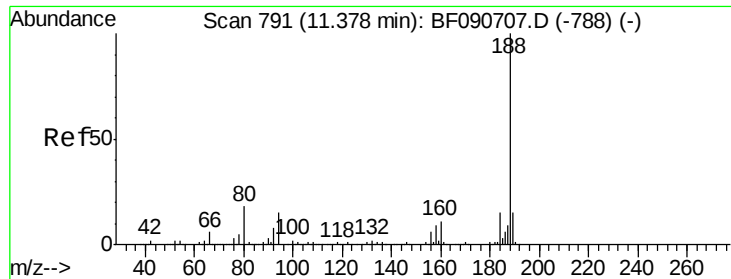
182 20.7 15.1 55.1

105 23.9 3.4 43.4

51 24.3 12.0 52.0

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:188 Resp: 808895

Ion Ratio Lower Upper

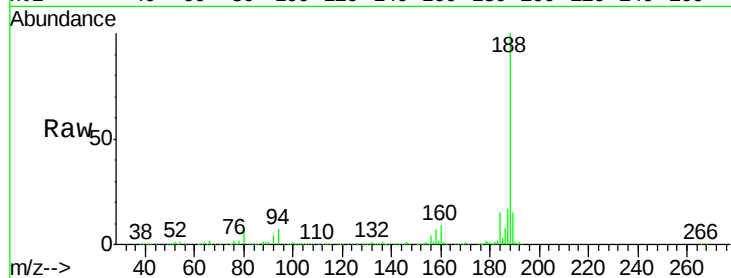
188 100

94 7.2 11.1 16.7#

80 7.3 11.0 16.4#

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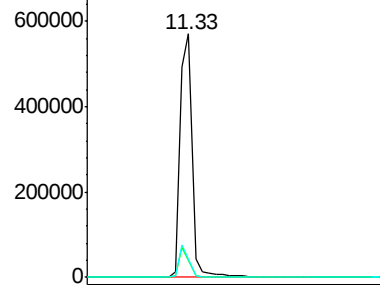
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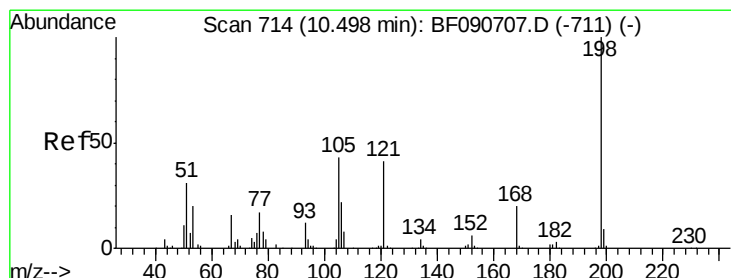
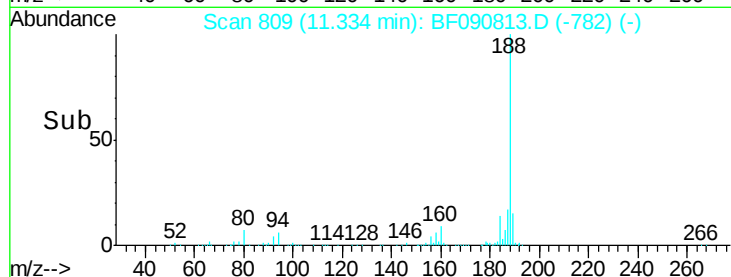
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 39.98 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

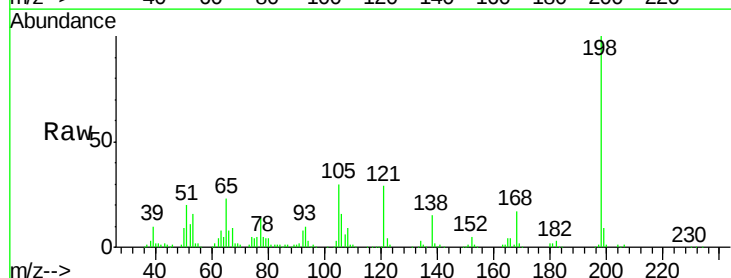
Tgt Ion:198 Resp: 202482

Ion Ratio Lower Upper

198 100

51 19.8 39.6 79.6#

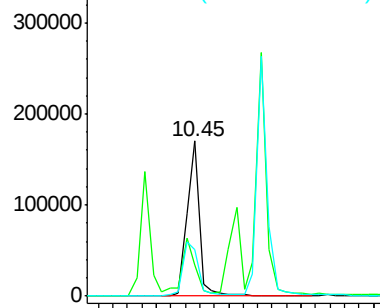
105 29.8 28.5 68.5



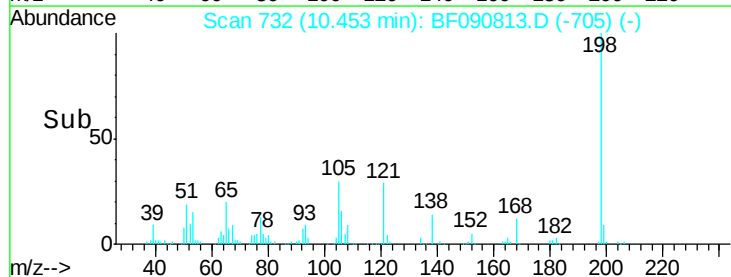
Abundance Ion 198.00 (197.70 to 198.70): E

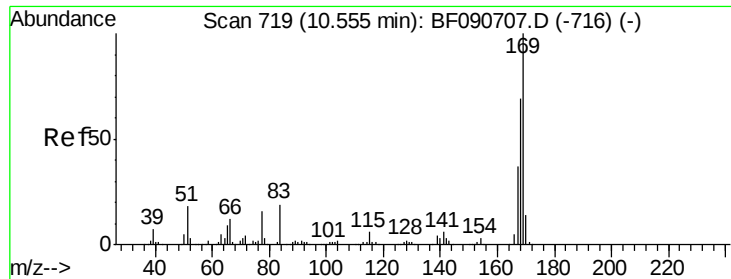
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 38.42 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

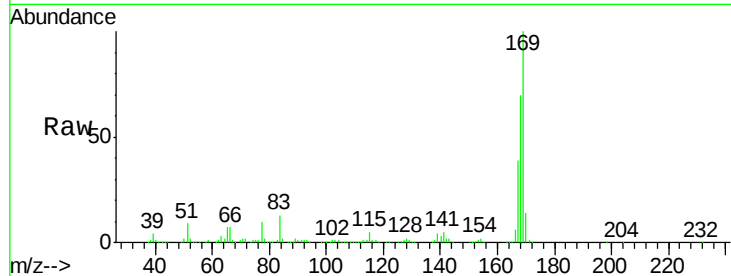
ClientSampleId :

SSTDCCC040EC

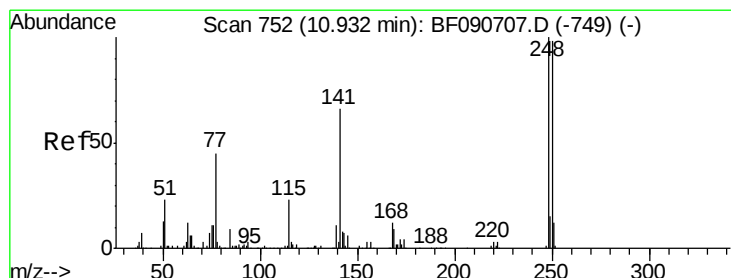
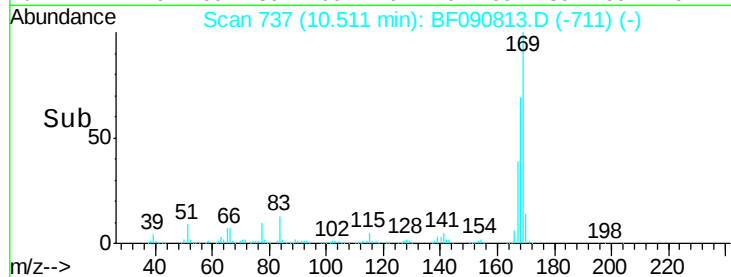
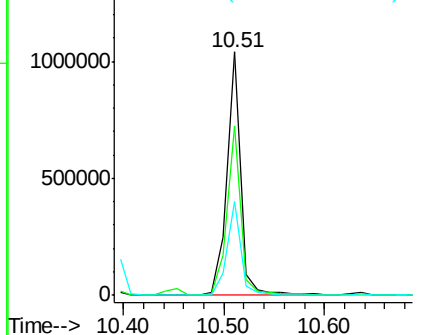
Tot Ion:	169	Resp:	995777
Ion Ratio	Lower	Upper	
169	100		
168	69.5	48.9	73.3
167	38.5	26.2	39.4

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



#66

4-Bromophenyl-phenylether

Concen: 44.59 ng

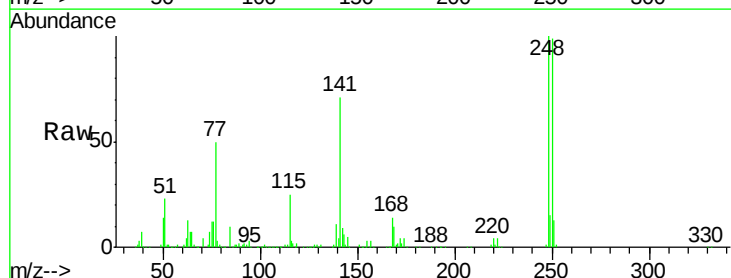
RT: 10.88 min Scan# 769

Delta R.T. 0.00 min

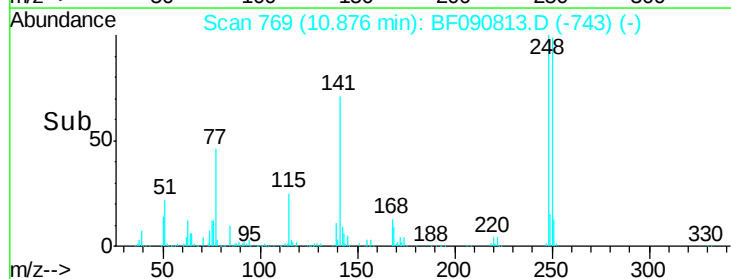
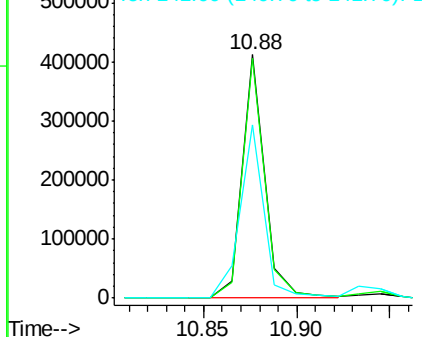
Lab File: BF090813.D

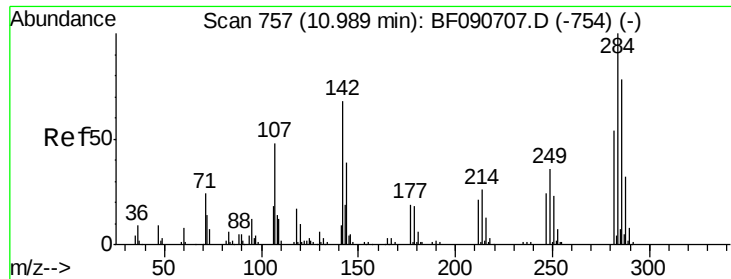
Acq: 25 Oct 2016 17:57

Tgt Ion:	248	Resp:	349679
Ion Ratio	Lower	Upper	
248	100		
250	98.7	78.5	117.7
141	71.0	59.0	88.6



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





#67

Hexachlorobenzene

Concen: 46.84 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

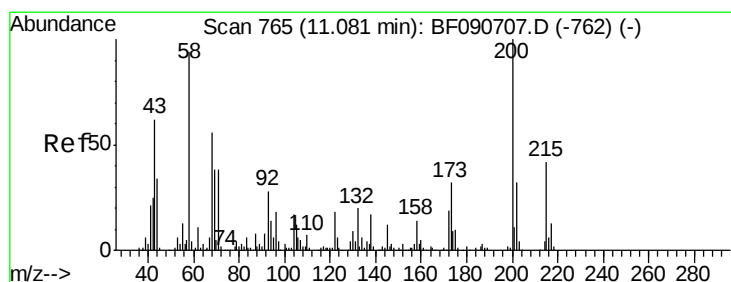
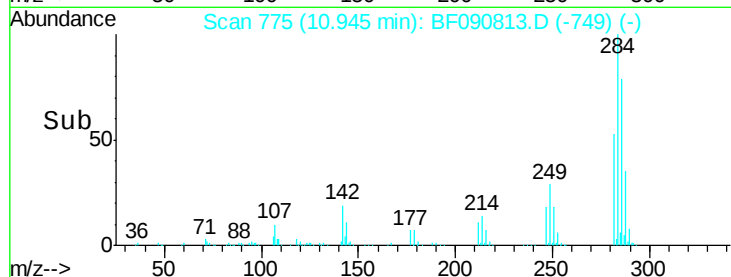
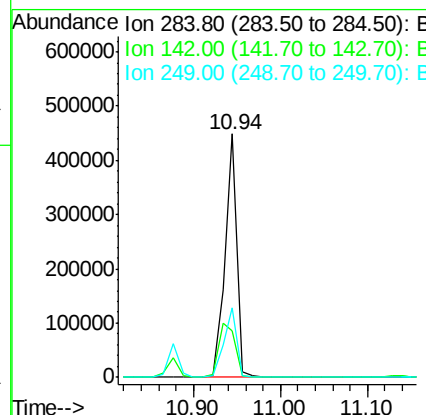
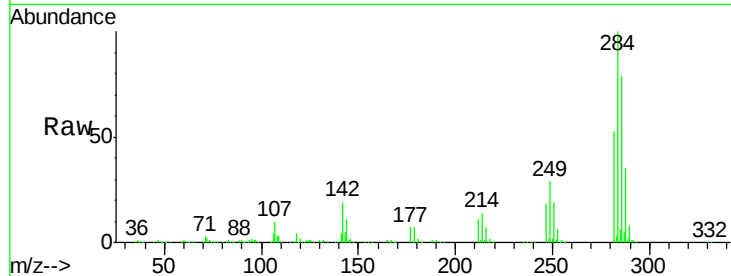
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	19.0	29.5	44.3#	
249	28.6	19.5	29.3	

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#68

Atrazine

Concen: 38.21 ng

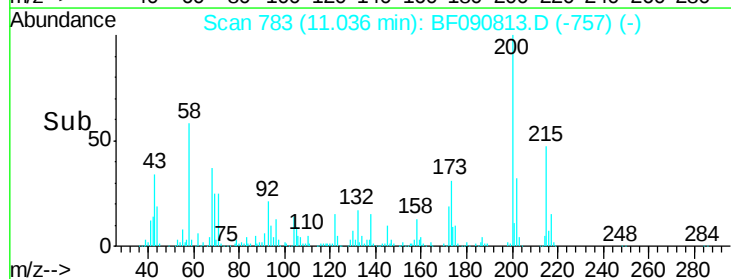
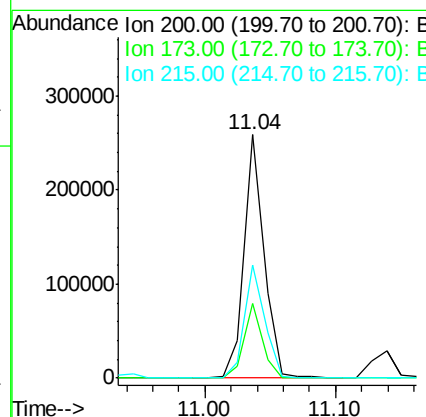
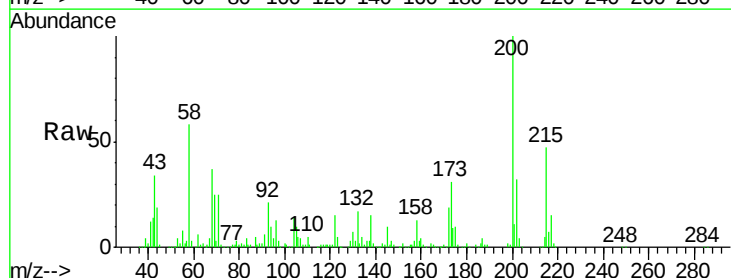
RT: 11.04 min Scan# 783

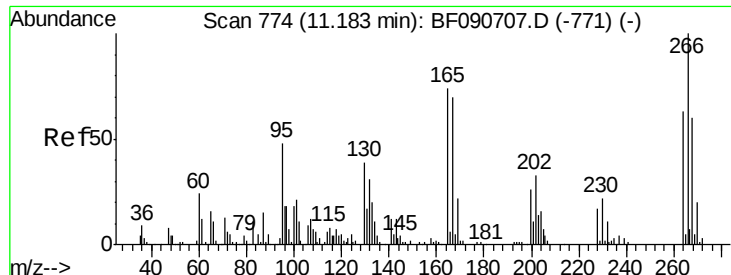
Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.8	13.2	53.2	
215	46.5	41.8	81.8	





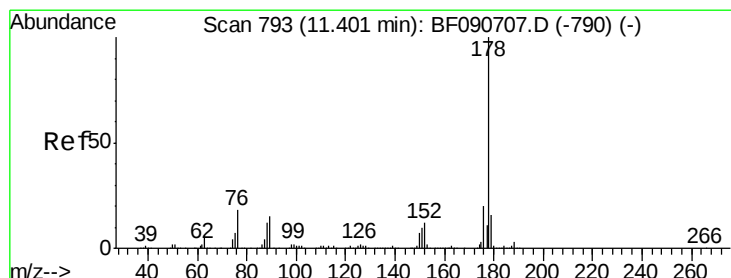
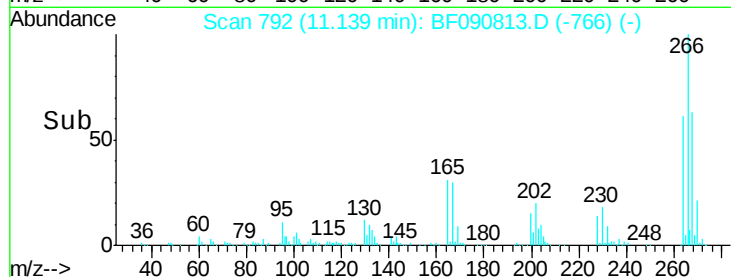
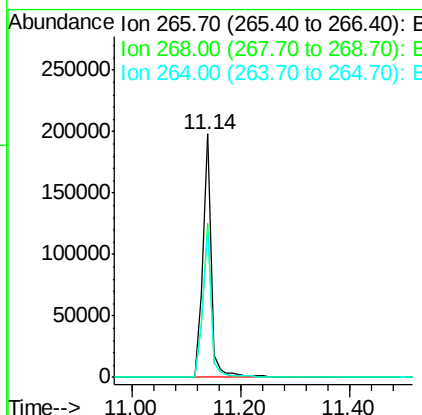
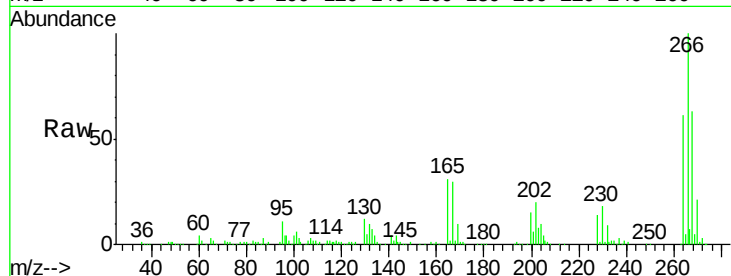
#69
 Pentachlorophenol
 Concen: 44.31 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	49.8	74.6
264	61.2	50.2	75.2

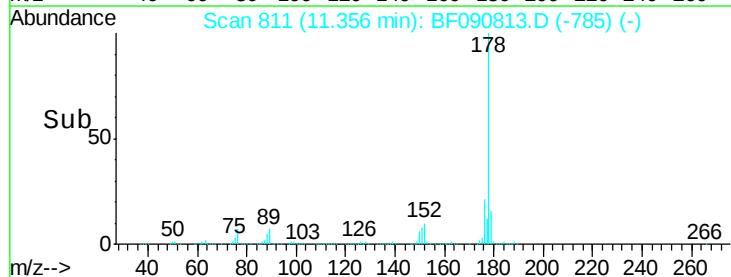
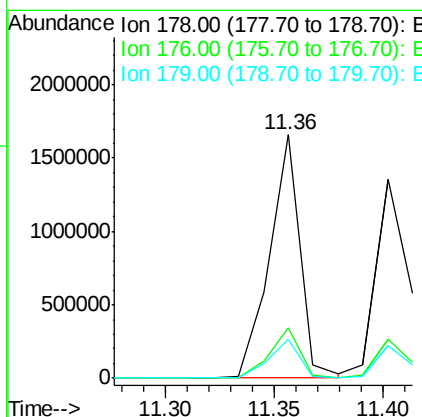
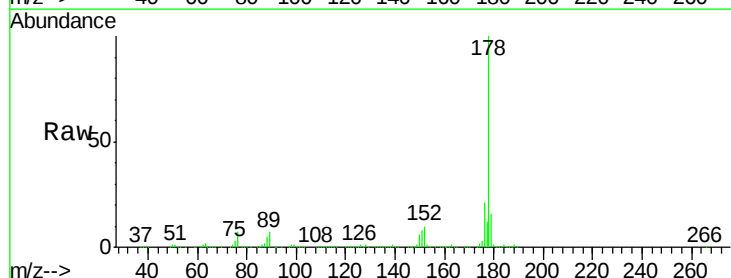
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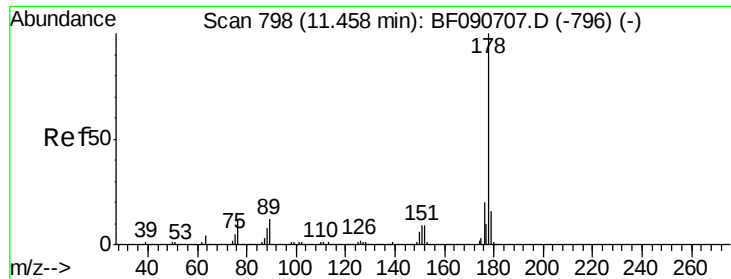
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#70
 Phenanthrene
 Concen: 39.60 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	13.8	20.8
179	15.9	12.2	18.2





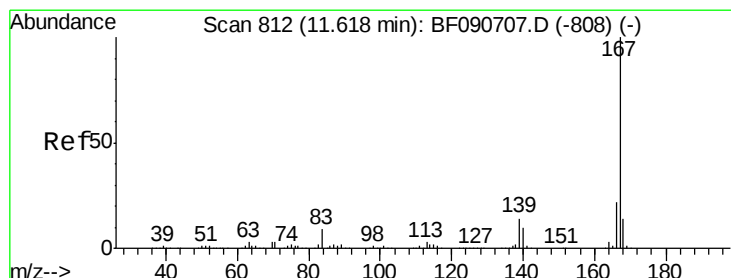
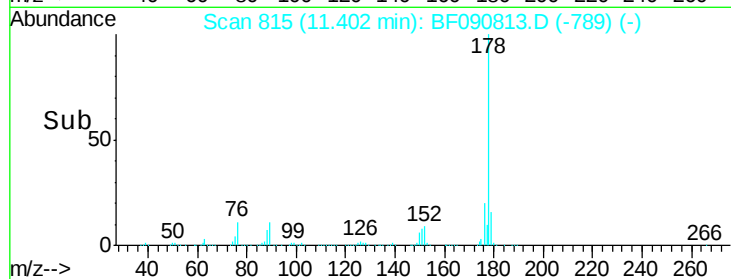
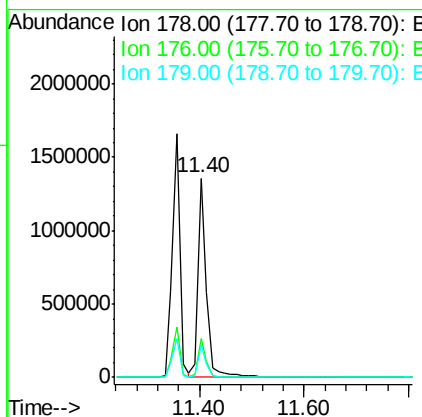
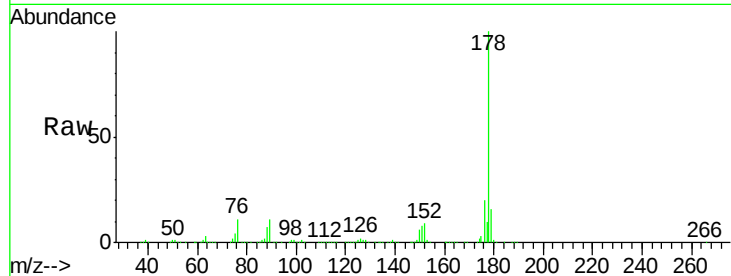
#71
 Anthracene
 Concen: 33.63 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1537612
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.1 21.1
 179 16.2 12.2 18.2

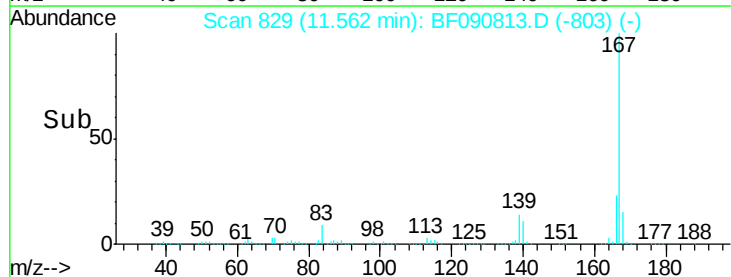
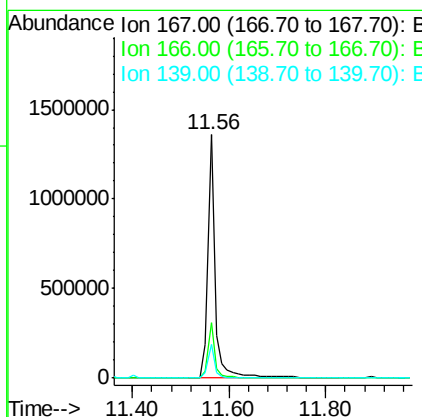
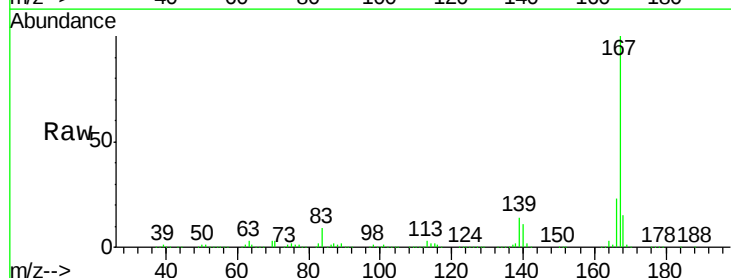
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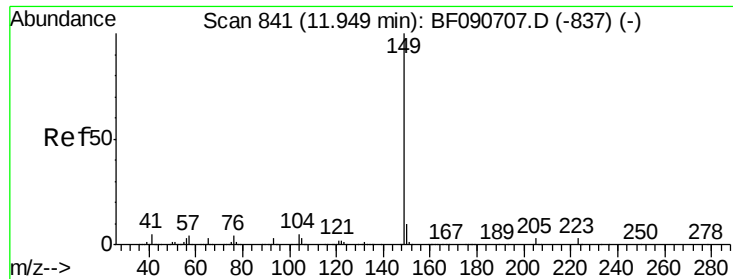
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#72
 Carbazole
 Concen: 37.91 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion:167 Resp: 1449232
 Ion Ratio Lower Upper
 167 100
 166 22.8 15.7 23.5
 139 13.9 9.5 14.3





#73

Di-n-butylphthalate

Concen: 34.97 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1734100

Ion Ratio Lower Upper

149 100

150 10.0 7.4 11.2

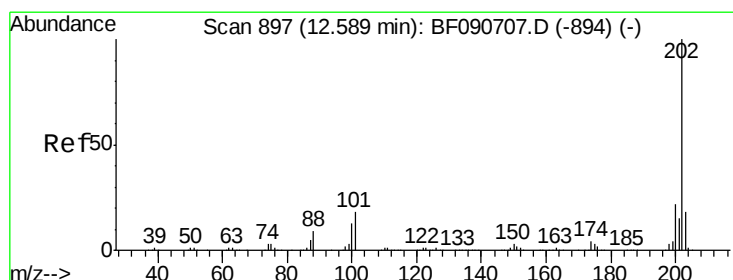
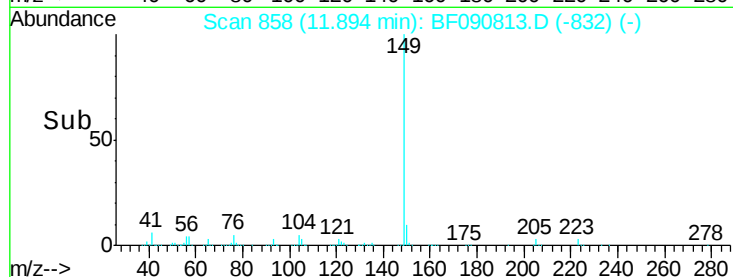
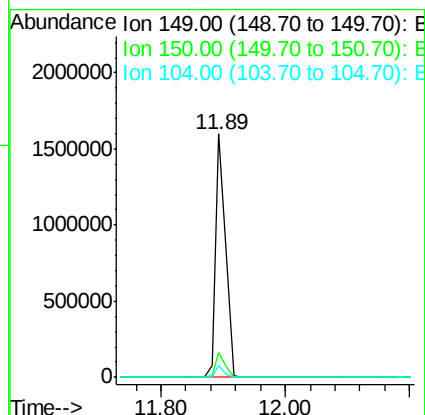
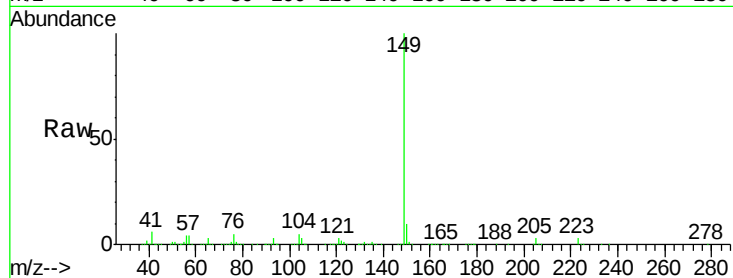
104 4.9 2.4 3.6#

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#74

Fluoranthene

Concen: 41.31 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

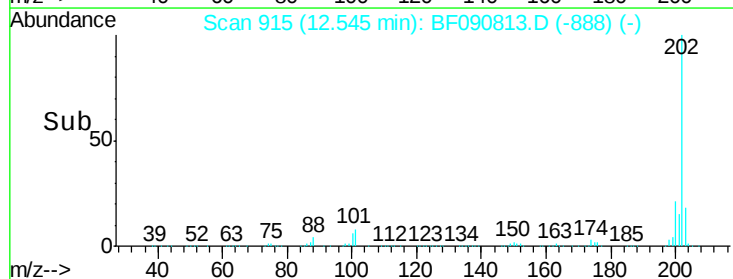
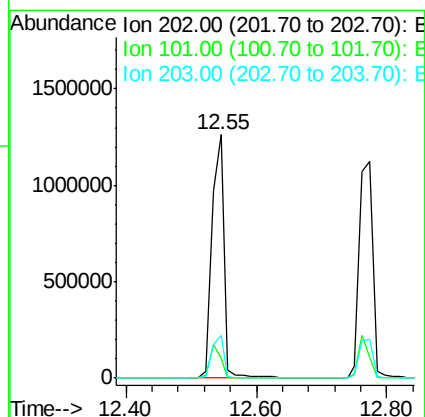
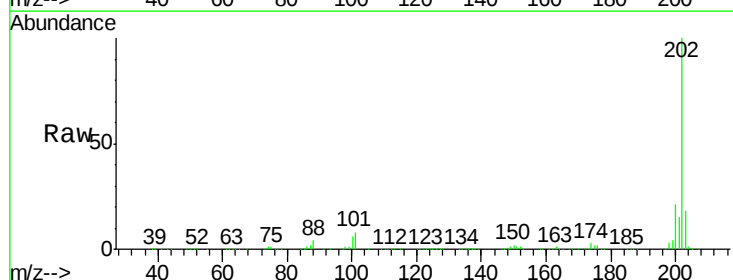
Tgt Ion:202 Resp: 1647528

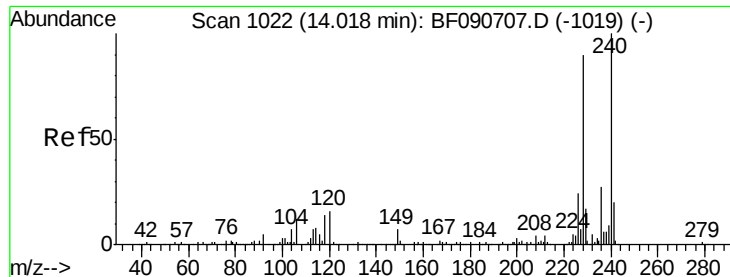
Ion Ratio Lower Upper

202 100

101 8.1 0.0 38.3

203 17.6 0.0 37.3





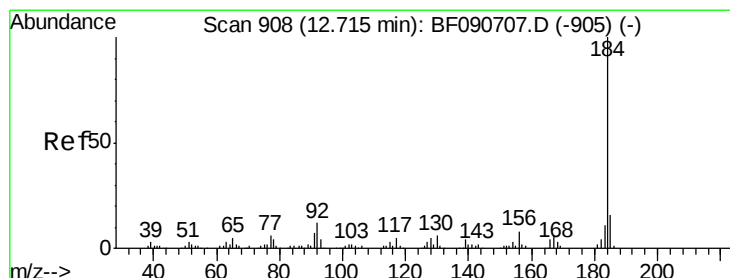
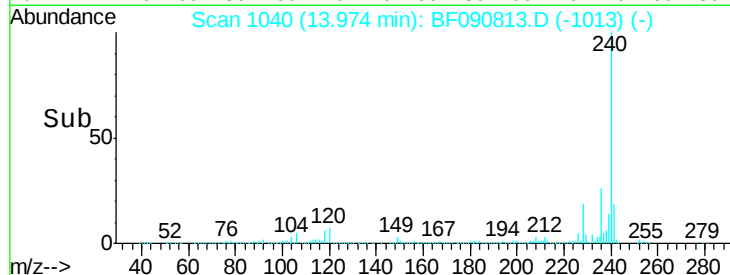
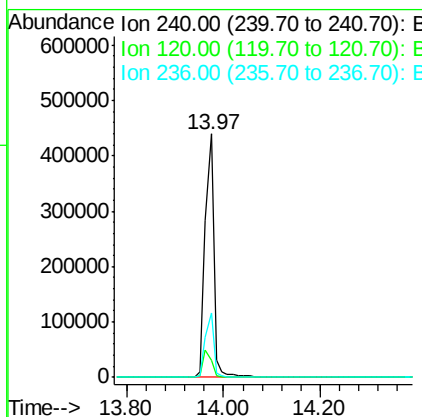
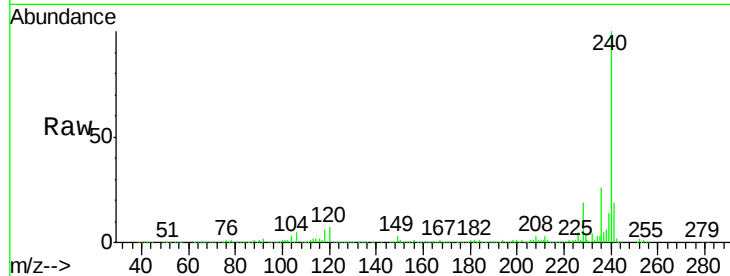
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.1	16.2	24.2#
236	26.4	18.4	27.6

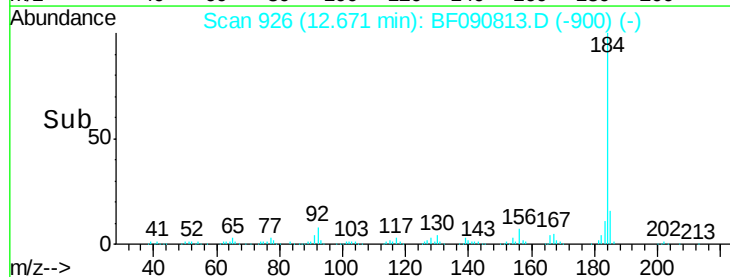
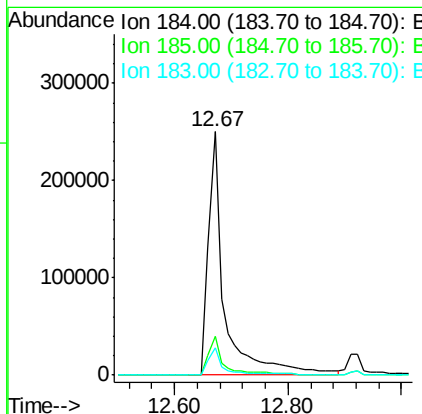
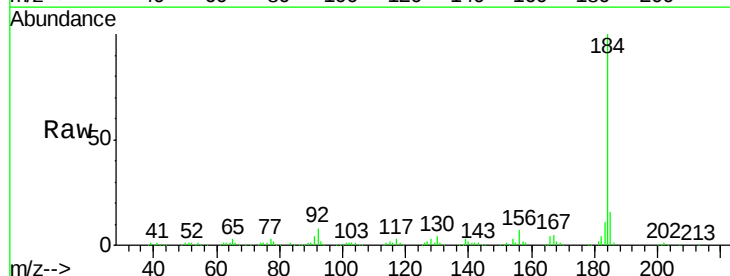
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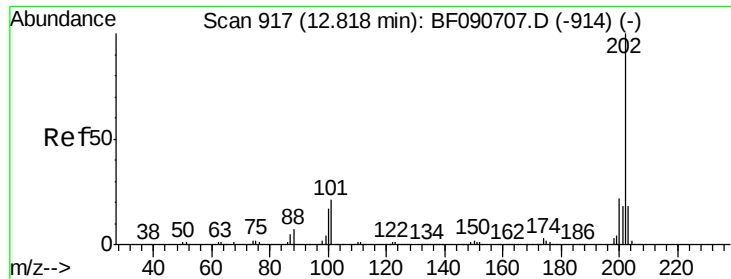
umangi
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#76
 Benzidine
 Concen: 38.63 ng
 RT: 12.67 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.8	17.6
183	11.1	7.6	11.4





#77

Pvrene

Concen: 41.19 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1593947

Ion Ratio Lower Upper

202 100

200 21.9 15.0 22.4

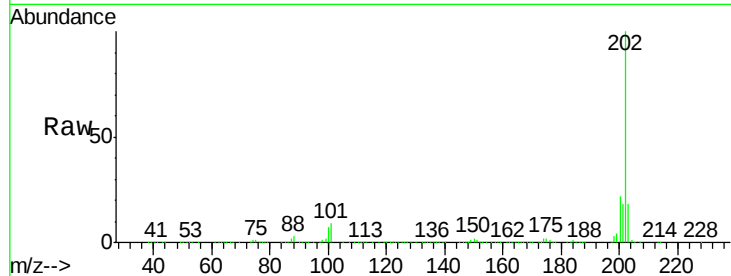
203 17.7 14.1 21.1

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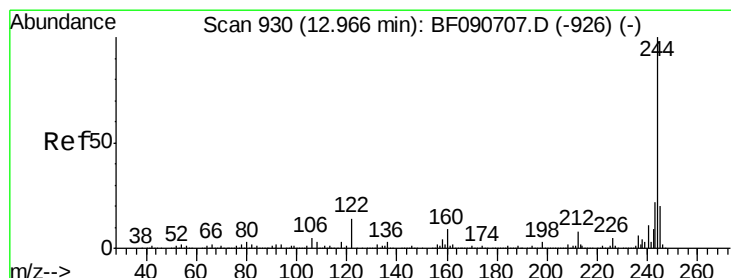
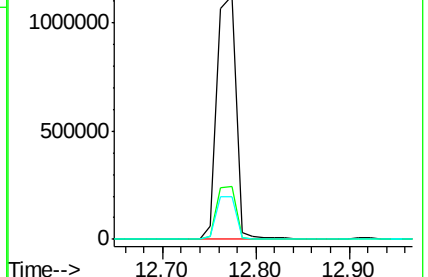
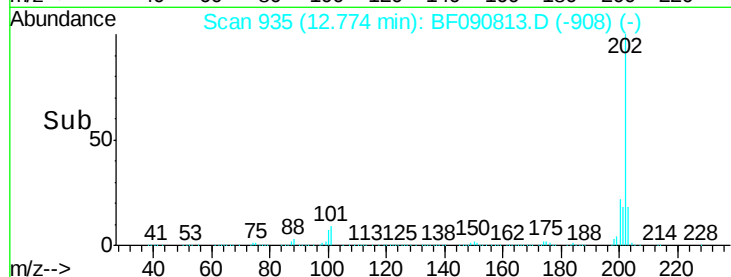
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.09 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

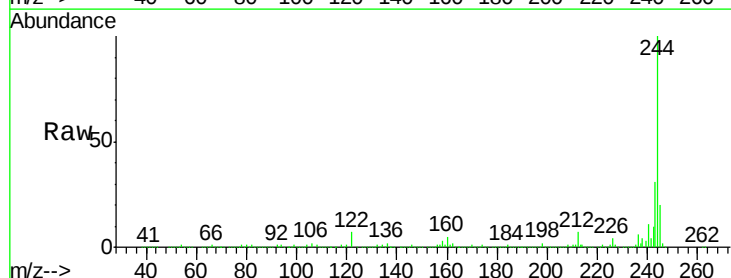
Tgt Ion:244 Resp: 2177896

Ion Ratio Lower Upper

244 100

212 6.6 4.3 6.5#

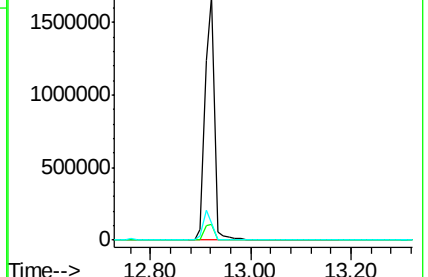
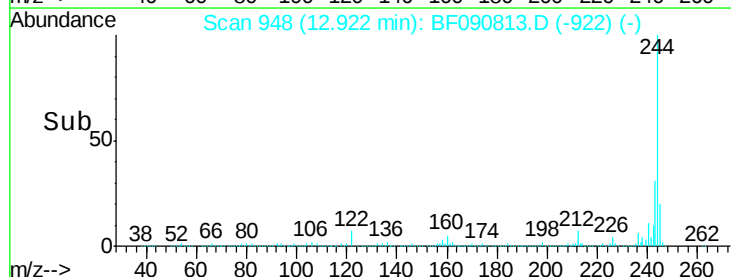
122 7.2 17.4 26.2#

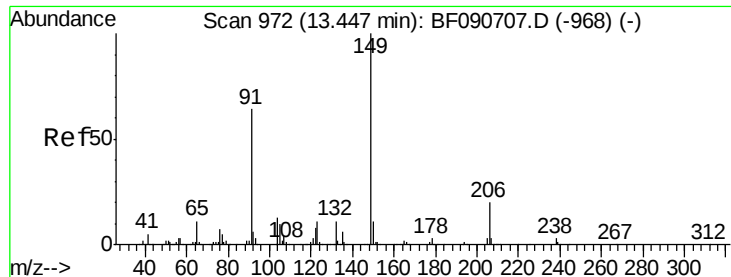


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





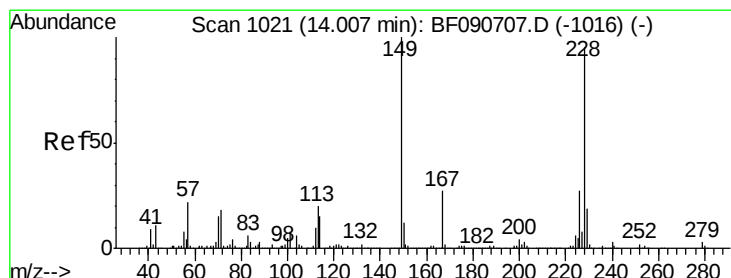
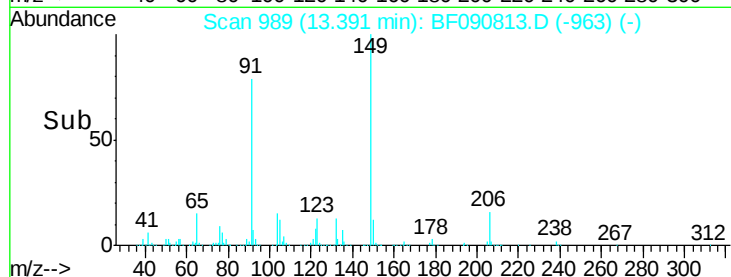
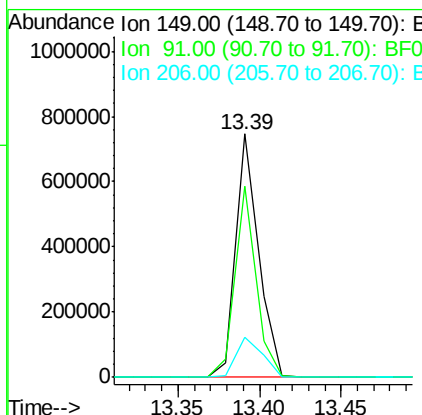
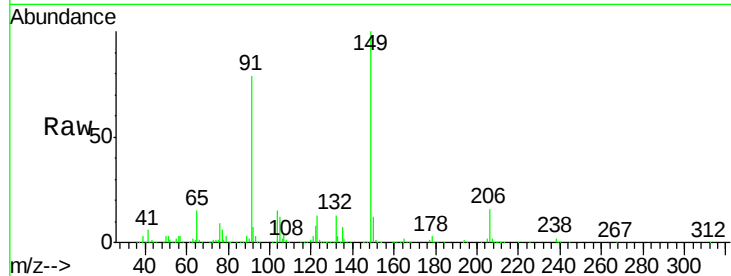
#79
Butylbenzylphthalate
Concen: 40.61 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.6	48.6	72.8
206	16.4	14.9	22.3

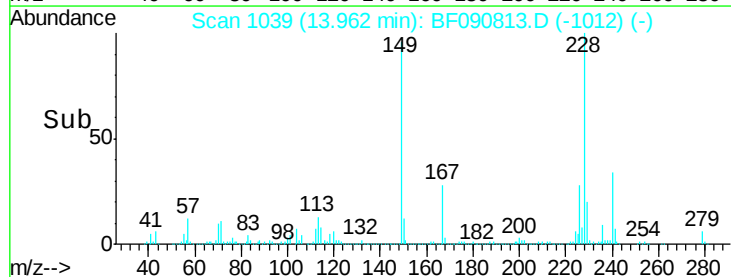
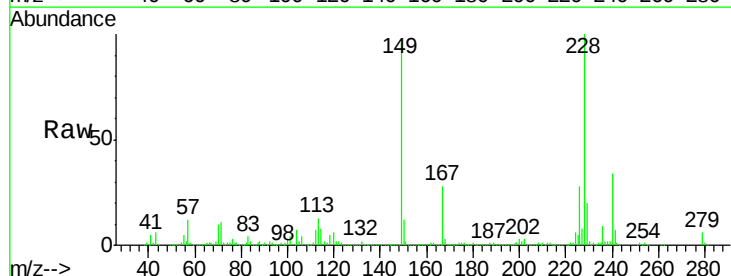
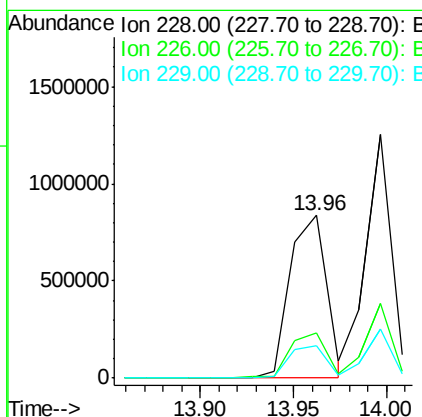
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#80
Benzo(a)anthracene
Concen: 37.45 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	20.0	30.0
229	20.2	15.4	23.2





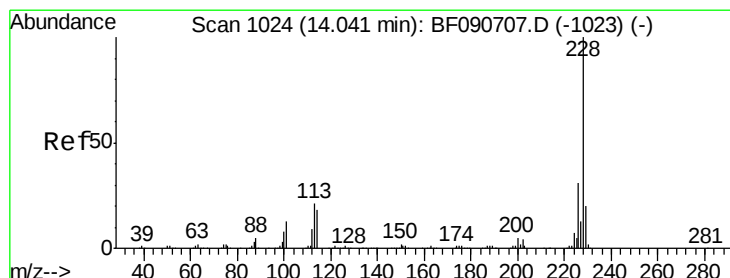
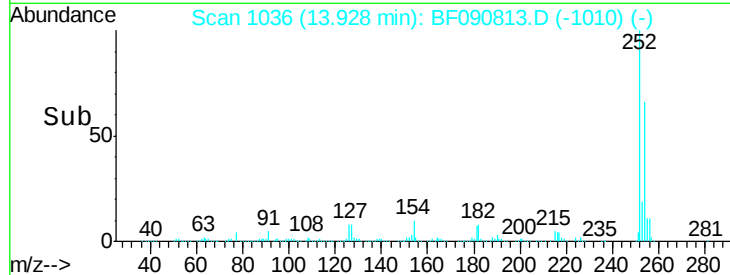
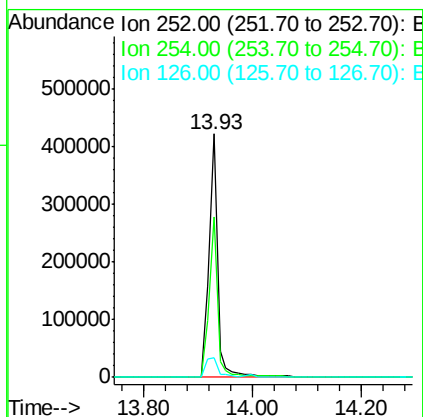
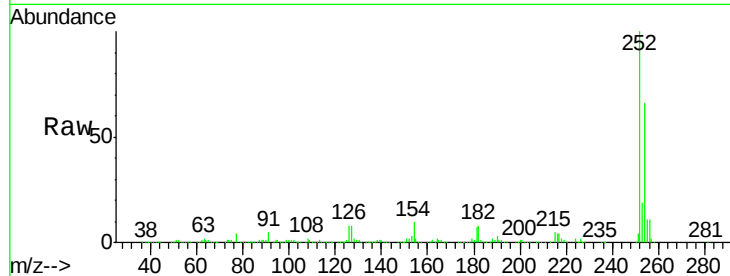
#81
 3,3'-Dichlorobenzidine
 Concen: 45.68 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.4	77.2
126	7.9	16.4	24.6

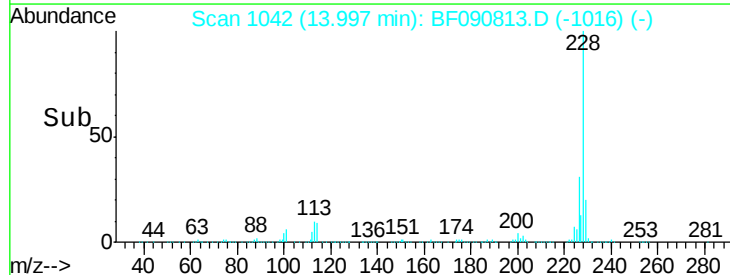
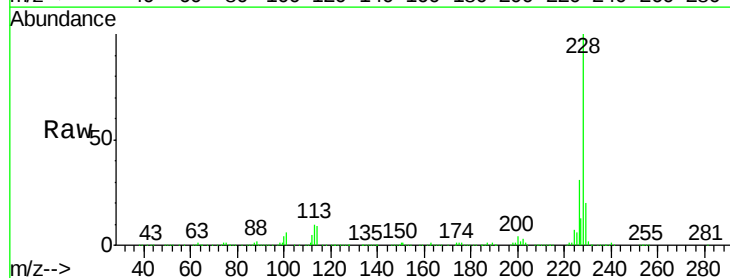
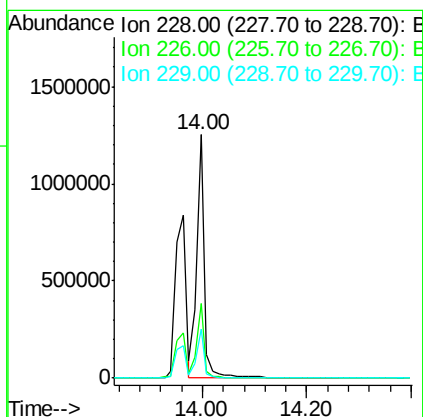
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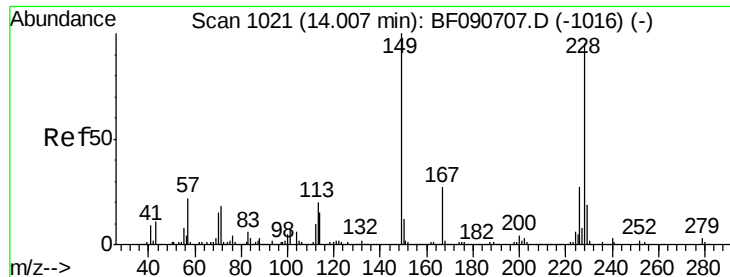
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#82
 Chrysene
 Concen: 43.17 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	21.0	31.4
229	20.4	15.6	23.4





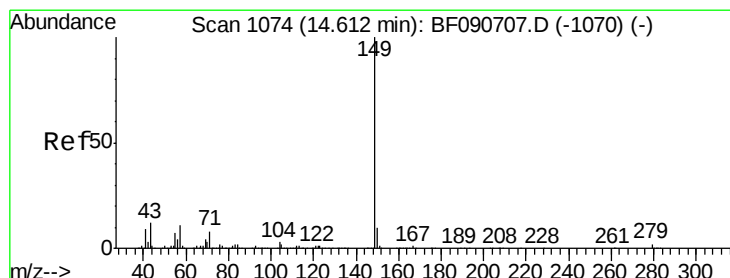
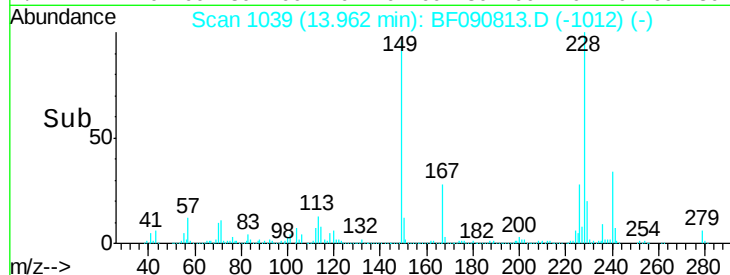
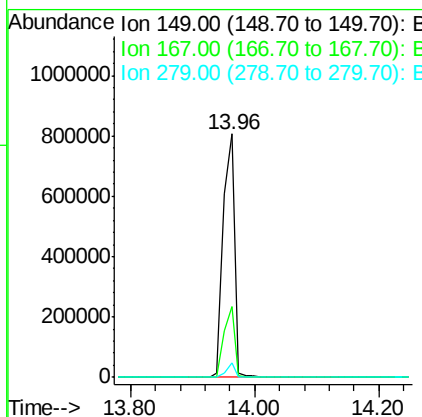
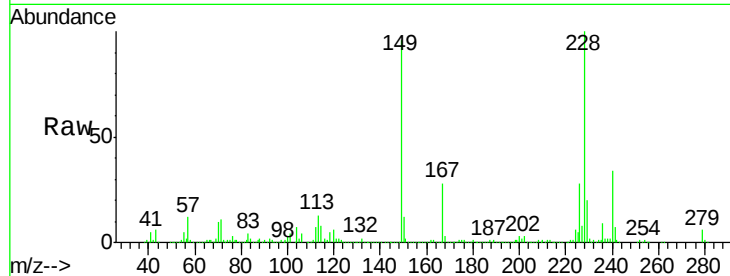
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.38 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:149 Resp: 1002183
 Ion Ratio Lower Upper
 149 100
 167 29.3 24.2 36.2
 279 5.9 3.8 5.6#

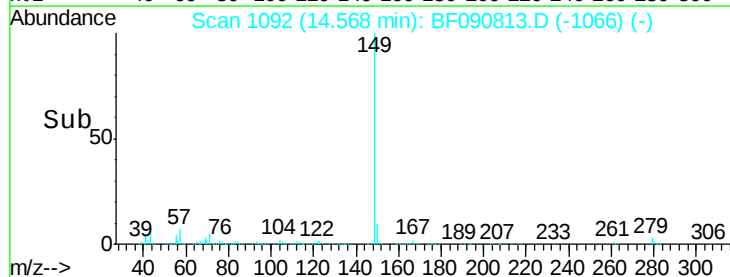
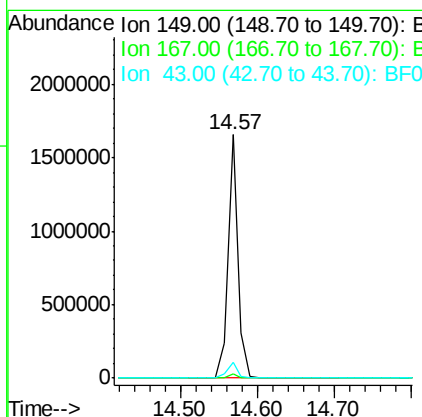
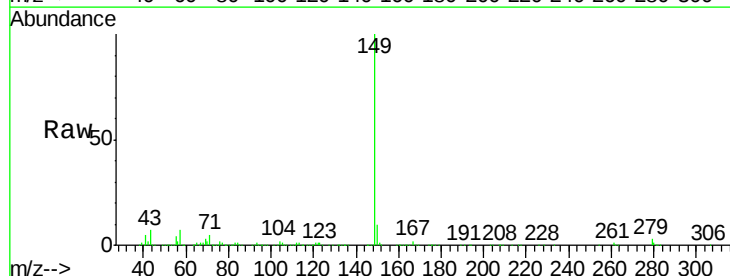
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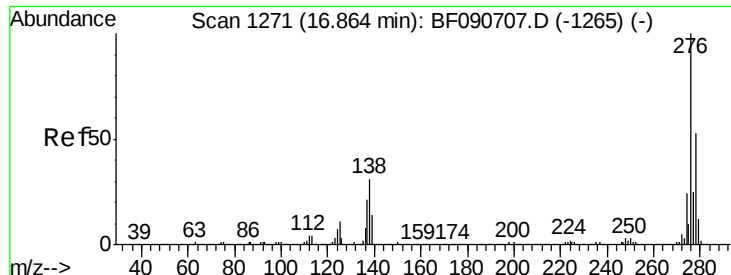
umangi
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#84
 Di-n-octyl phthalate
 Concen: 39.73 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion:149 Resp: 1534327
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6#
 43 7.0 10.2 15.2#





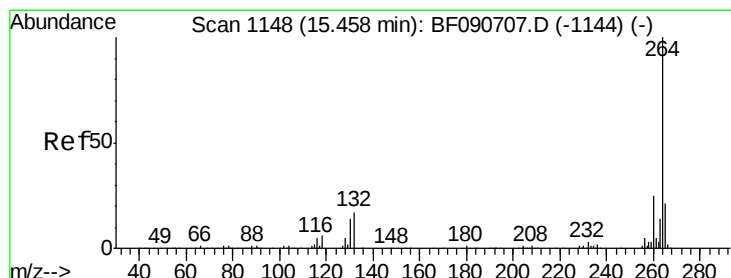
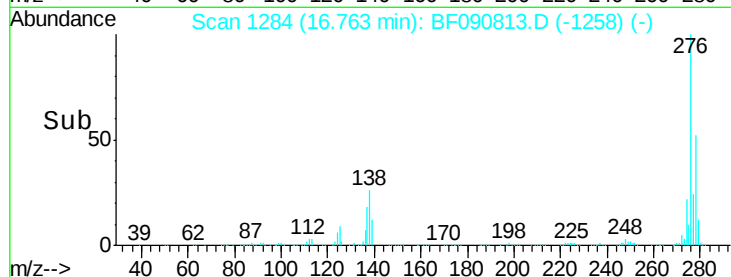
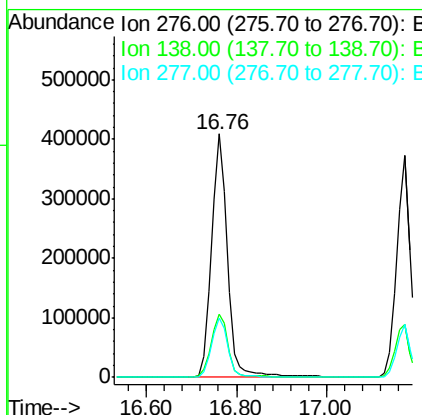
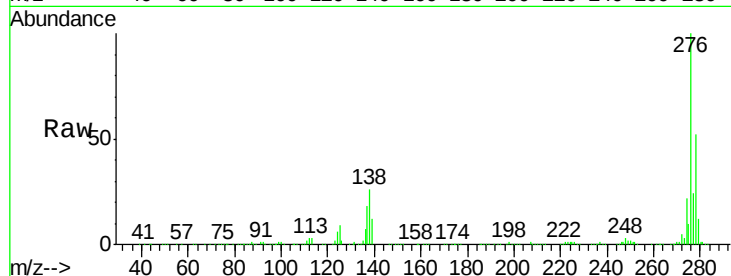
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.37 ng
RT: 16.76 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:276 Resp: 1016463
Ion Ratio Lower Upper
276 100
138 27.9 25.7 38.5
277 25.3 15.6 23.4#

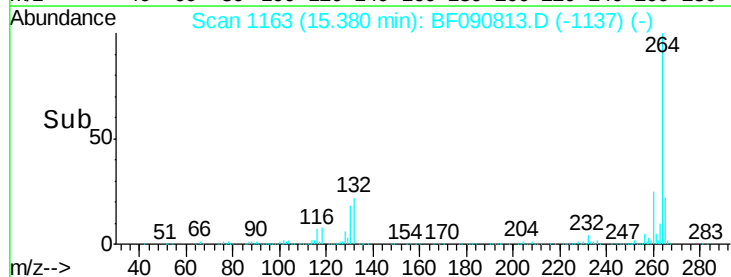
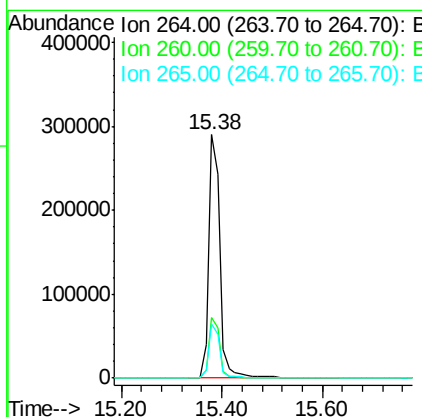
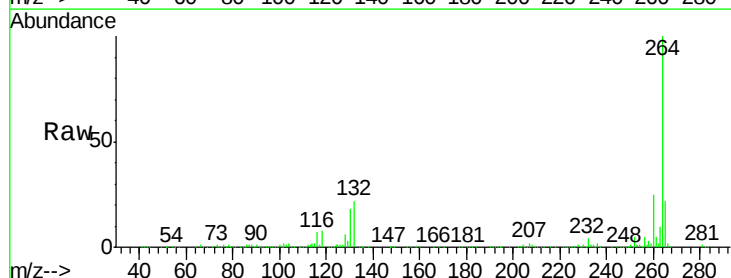
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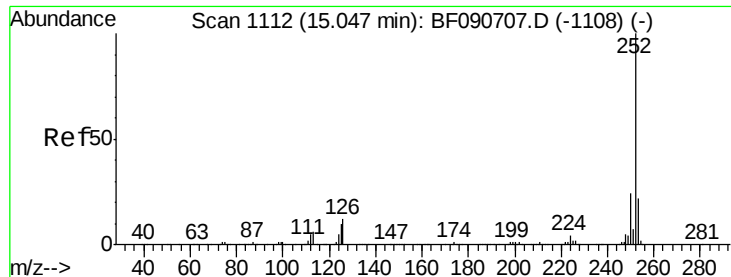
umangi
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion:264 Resp: 448099
Ion Ratio Lower Upper
264 100
260 24.7 16.7 25.1
265 22.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 46.31 ng m

RT: 14.98 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 1275868

Ion Ratio Lower Upper

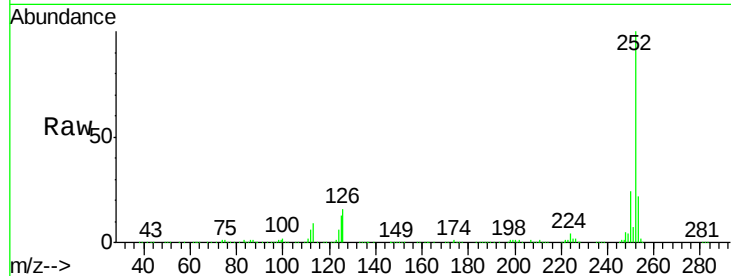
252 100

253 22.4 17.5 26.3

125 12.8 17.1 25.7#

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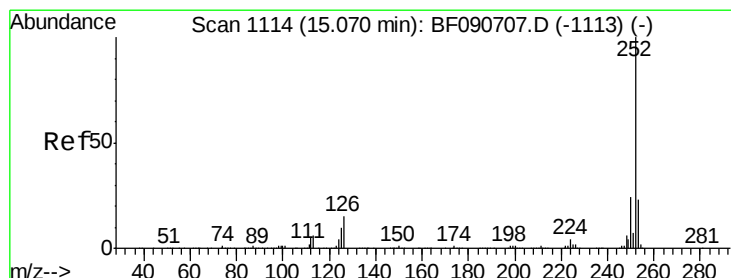
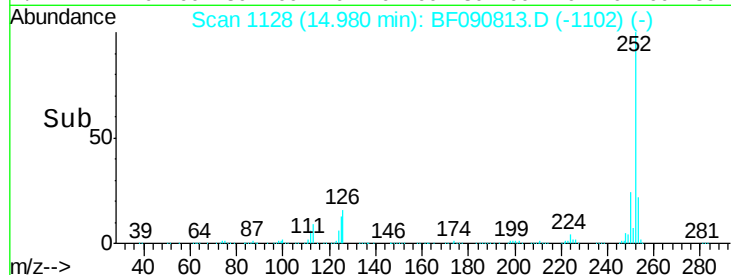
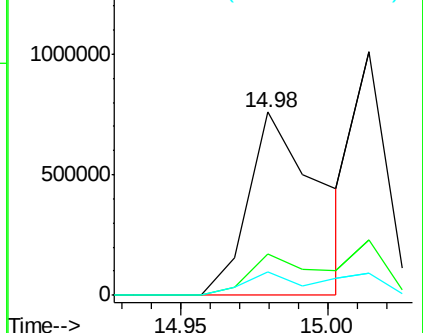
umangi
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 29.66 ng m

RT: 15.01 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

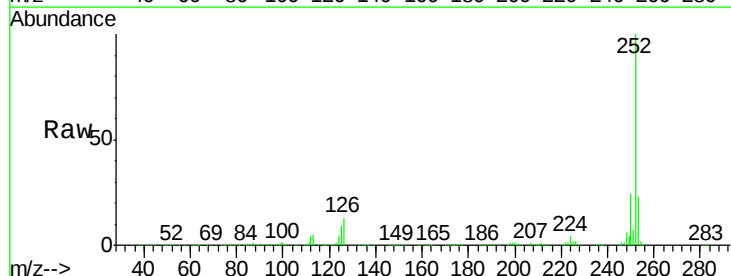
Tgt Ion:252 Resp: 821358

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

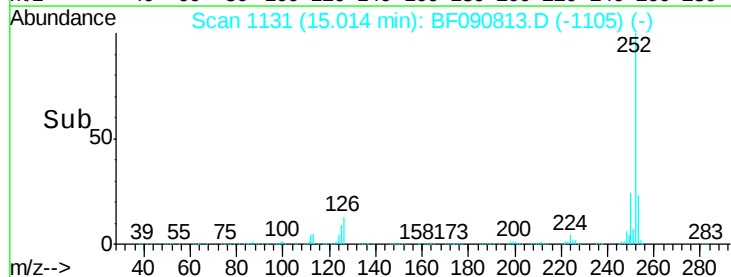
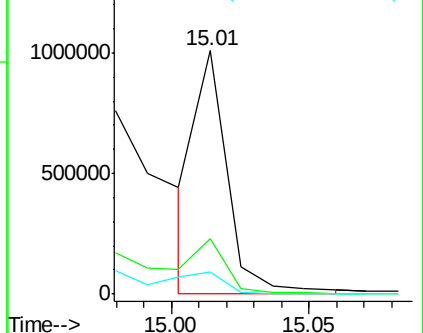
125 9.0 16.0 24.0#

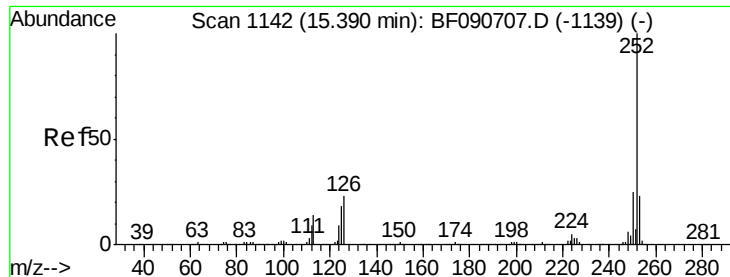


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





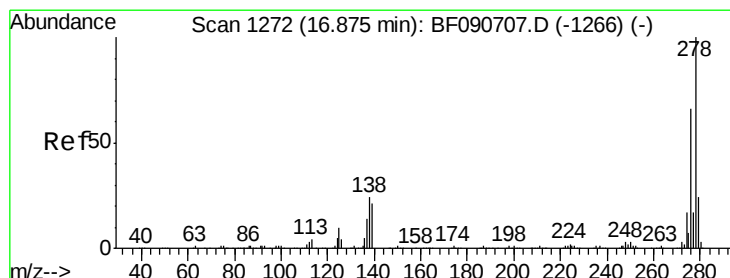
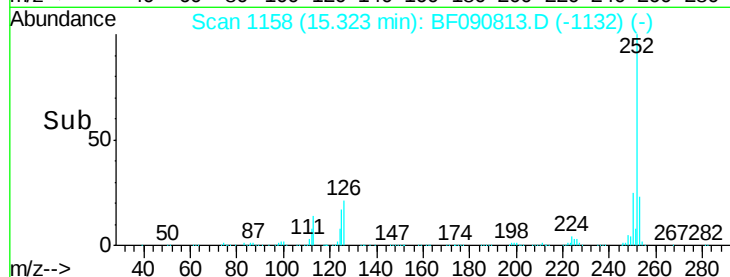
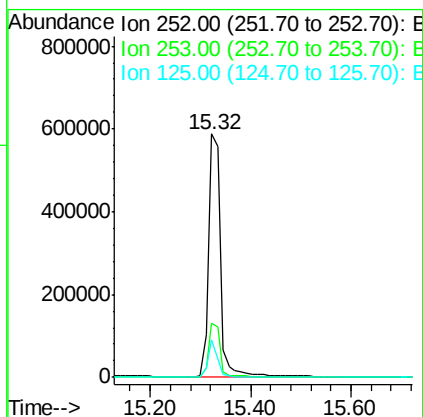
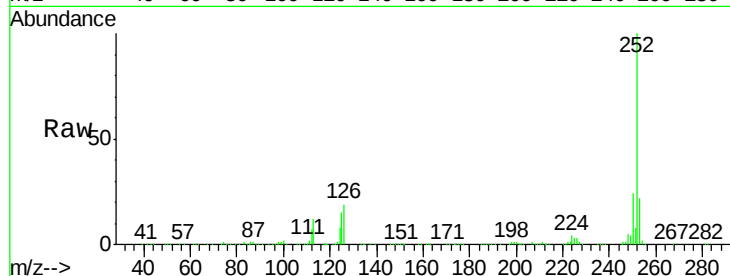
#89
Benzo(a)pyrene
Concen: 37.16 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	15.3	18.0	27.0

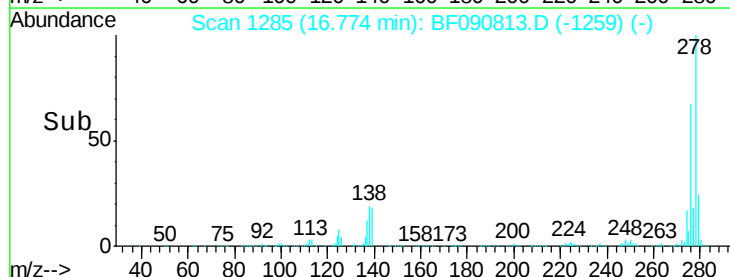
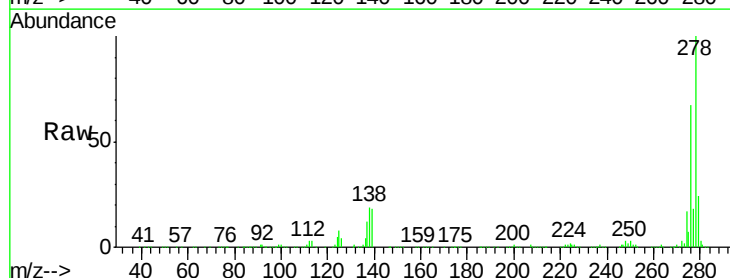
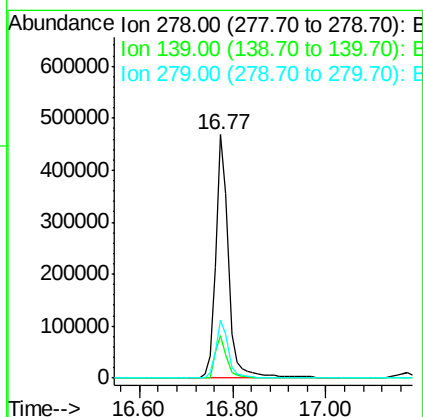
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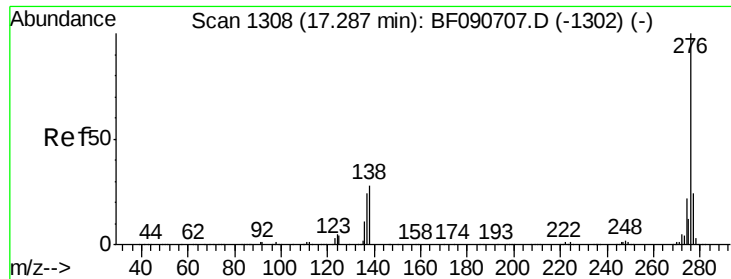
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#90
Dibenzo(a,h)anthracene
Concen: 35.81 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	26.3	39.5
279	24.0	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.92 ng
 RT: 17.17 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.8	26.6
138	23.9	34.6	51.8

Manual Integrations
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