

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090725.D
 Acq On : 21 Oct 2016 22:15
 Operator : UM/SJ
 Sample : H5343-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Manual Integrations
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 10/24/2016 3:52:08 PM

Quant Time: Oct 24 11:10:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	300242	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1232488	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	628272	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	951901	20.00	ng	0.00
75) Chrysene-d12	14.02	240	696360	20.00	ng	0.00
86) Perylene-d12	15.46	264	465382	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	2156091	115.81	ng	0.02
7) Phenol-d6	6.51	99	2835039	112.43	ng	0.01
23) Nitrobenzene-d5	7.42	82	1961684	87.30	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	717408	144.27	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	3302656	81.60	ng	0.00
78) Terphenyl-d14	12.97	244	2754426	90.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	282278	26.20	ng	# 80
3) Pyridine	3.33	79	739896	29.31	ng	# 77
4) n-Nitrosodimethylamine	3.30	42	290958	33.69	ng	# 73
6) Aniline	6.53	93	720564	25.20	ng	# 84
8) 2-Chlorophenol	6.65	128	743986	33.29	ng	# 88
9) Benzaldehyde	6.41	77	155379	11.27	ng	# 79
10) Phenol	6.52	94	1083086	38.21	ng	# 65
11) bis(2-Chloroethyl)ether	6.60	93	836308	35.11	ng	# 95
12) 1,3-Dichlorobenzene	6.79	146	753097	33.55	ng	# 89
13) 1,4-Dichlorobenzene	6.87	146	835730	35.10	ng	# 91
14) 1,2-Dichlorobenzene	7.03	146	746801	32.04	ng	# 98
15) Benzyl Alcohol	7.00	79	598935	34.97	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1073526	30.10	ng	# 72
17) 2-Methylphenol	7.13	107	645619	38.34	ng	# 81
18) Hexachloroethane	7.37	117	306724	31.73	ng	# 91
19) n-Nitroso-di-n-propylamine	7.29	70	618398	32.93	ng	# 68
20) 3+4-Methylphenols	7.27	107	708545	35.50	ng	# 64
22) Acetophenone	7.27	105	1032191	37.58	ng	# 81
24) Nitrobenzene	7.45	77	864037	35.47	ng	# 72
25) Isophorone	7.69	82	1609088	37.83	ng	# 89
26) 2-Nitrophenol	7.75	139	402224	40.42	ng	# 48
27) 2,4-Dimethylphenol	7.80	122	656830	37.22	ng	# 80
28) bis(2-Chloroethoxy)methane	7.89	93	948274	40.75	ng	# 92
29) 2,4-Dichlorophenol	8.01	162	610170	42.13	ng	# 95
30) 1,2,4-Trichlorobenzene	8.09	180	660403	38.75	ng	# 97
31) Naphthalene	8.17	128	2212030	36.69	ng	# 96
32) Benzoic acid	7.88	122	42585	10.43	ng	# 78
33) 4-Chloroaniline	8.21	127	414004	18.52	ng	# 85
34) Hexachlorobutadiene	8.28	225	359327	37.50	ng	# 98
35) Caprolactam	8.59	113	197441m	47.73	ng	#
36) 4-Chloro-3-methylphenol	8.70	107	635956	37.75	ng	# 81
37) 2-Methylnaphthalene	8.86	142	1413623	40.12	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	612364	36.10	ng	# 98
40) Hexachlorocyclopentadiene	9.01	237	718926	90.27	ng	# 96

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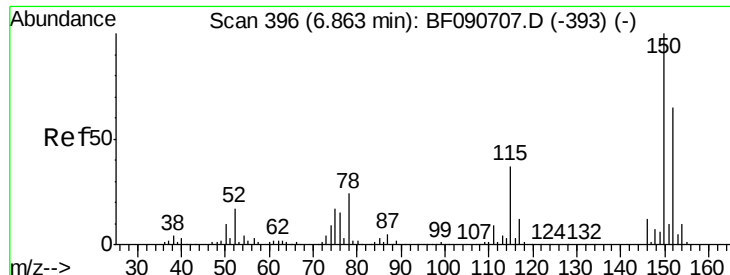
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	431020	40.97	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	401800	37.63	nq #	94
45) 1,1'-Biphenyl	9.32	154	1592768	32.28	nq	91
46) 2-Chloronaphthalene	9.34	162	1282621	34.97	nq #	88
47) 2-Nitroaniline	9.45	65	429525	35.29	nq #	82
48) Acenaphthylene	9.77	152	2038187	36.42	nq	96
49) Dimethylphthalate	9.63	163	1806244	45.75	nq #	97
50) 2,6-Dinitrotoluene	9.69	165	307334	36.20	nq #	61
51) Acenaphthene	9.94	154	1345904	36.23	nq	89
52) 3-Nitroaniline	9.86	138	228293	23.39	nq #	75
53) 2,4-Dinitrophenol	9.96	184	188150m	48.62	nq	
54) Dibenzofuran	10.11	168	1765482	39.23	nq #	89
55) 4-Nitrophenol	10.03	139	454044	76.05	nq #	65
56) 2,4-Dinitrotoluene	10.10	165	424699	40.93	nq #	93
57) Fluorene	10.45	166	1370420	36.75	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	350820	41.87	nq	99
59) Diethylphthalate	10.33	149	1415814	34.58	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	669620	39.29	nq	93
61) 4-Nitroaniline	10.47	138	321157	32.49	nq #	58
62) Azobenzene	10.60	77	1453828	30.32	nq	86
64) 4,6-Dinitro-2-methylphenol	10.50	198	207690	35.38	nq	91
65) n-Nitrosodiphenylamine	10.57	169	1196274	39.23	nq	90
66) 4-Bromophenyl-phenylether	10.93	248	424144	45.96	nq #	90
67) Hexachlorobenzene	11.00	284	468842	43.05	nq #	78
68) Atrazine	11.09	200	362261	43.04	nq	87
69) Pentachlorophenol	11.19	266	550862	80.10	nq	99
70) Phenanthrene	11.41	178	1898976	39.14	nq	95
71) Anthracene	11.46	178	1811246	33.66	nq	96
72) Carbazole	11.62	167	1732032	38.50	nq	94
73) Di-n-butylphthalate	11.95	149	2107831	36.12	nq #	97
74) Fluoranthene	12.59	202	1756569	37.42	nq	96
76) Benzidine	12.71	184	624103	40.36	nq #	97
77) Pyrene	12.82	202	1798840	36.99	nq	95
79) Butylbenzylphthalate	13.45	149	910268	40.72	nq	96
80) Benzo(a)anthracene	14.01	228	1425521	37.41	nq	95
81) 3,3'-Dichlorobenzidine	13.97	252	365334	27.67	nq #	97
82) Chrysene	14.05	228	1537796m	41.35	nq	
83) Bis(2-ethylhexyl)phthalate	14.01	149	1181015	36.92	nq	98
84) Di-n-octyl phthalate	14.61	149	1691084	34.84	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.86	276	1083603	33.40	nq #	91
87) Benzo(b)fluoranthene	15.05	252	1186021	41.45	nq #	88
88) Benzo(k)fluoranthene	15.07	252	1073612m	37.33	nq	
89) Benzo(a)pyrene	15.40	252	989978	36.87	nq #	86
90) Dibenzo(a,h)anthracene	16.88	278	915386	35.51	nq #	85
91) Benzo(g,h,i)perylene	17.29	276	870288	34.81	nq #	79

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



#1

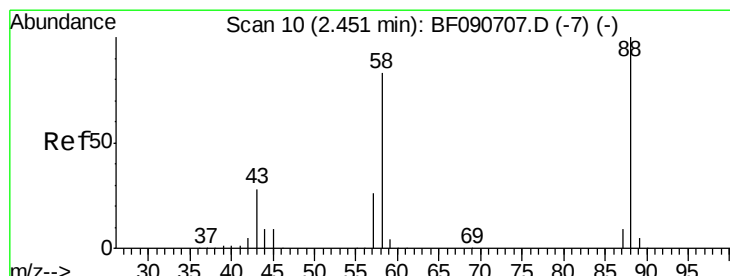
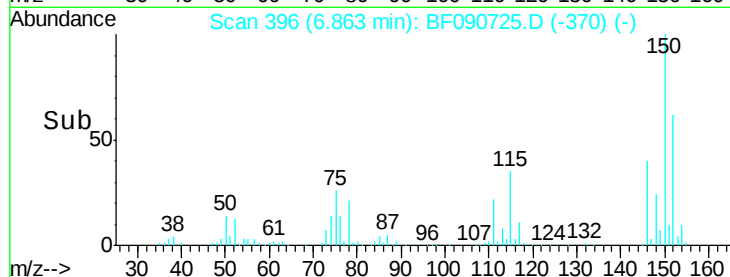
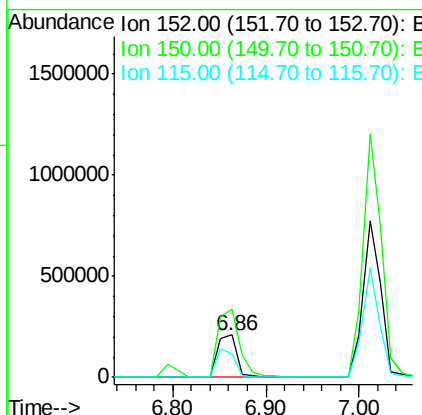
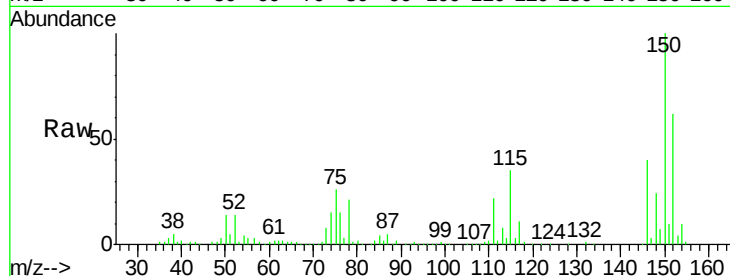
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.7	187.1
115	56.6	39.0	58.4

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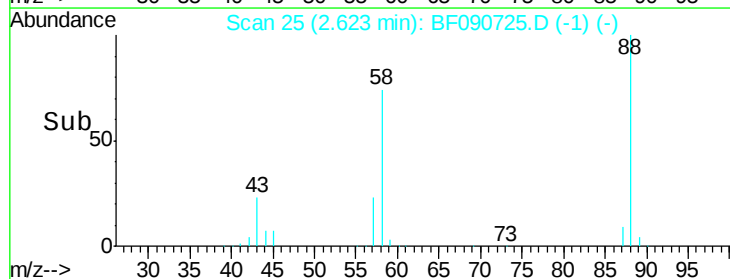
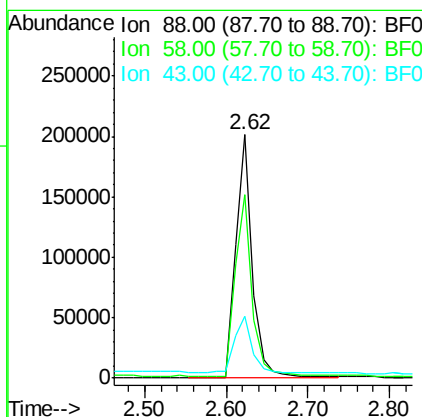
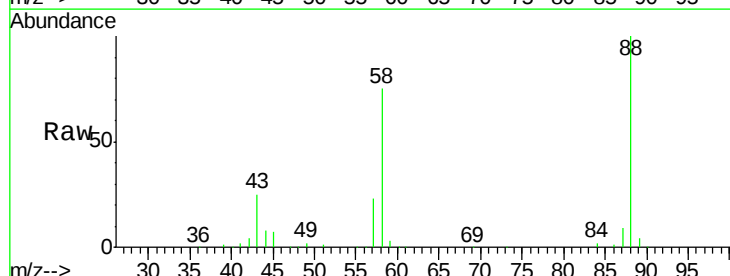
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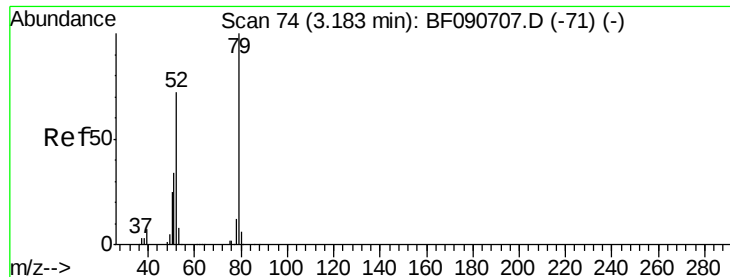


#2

1,4-Dioxane
Concen: 26.20 ng
RT: 2.62 min Scan# 25
Delta R.T. 0.14 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.0	77.7	116.5#
43	25.3	26.6	40.0#





#3

Pvridine

Concen: 29.31 ng

RT: 3.33 min Scan# 87

Delta R.T. 0.13 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

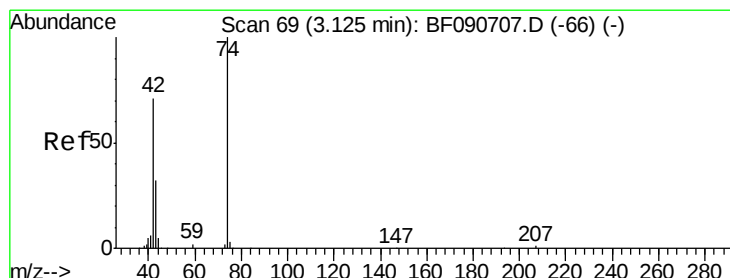
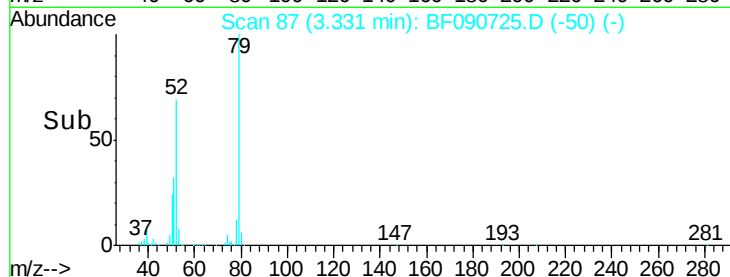
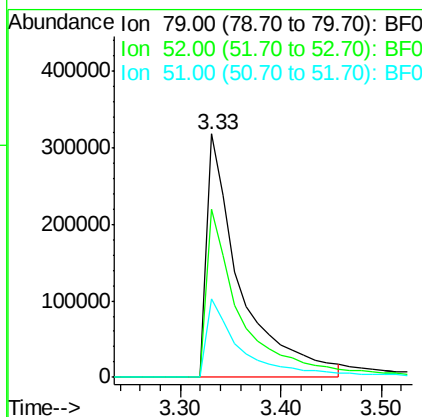
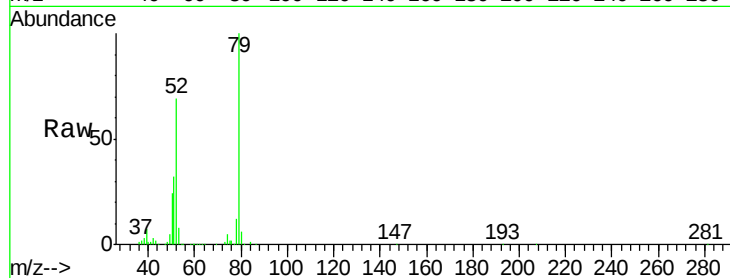
ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion:	79	Resp:	739896
Ion Ratio	Lower	Upper	
79	100		
52	69.0	76.8	115.2#
51	32.4	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 33.69 ng

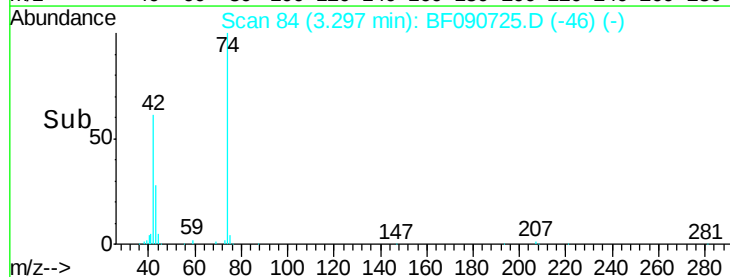
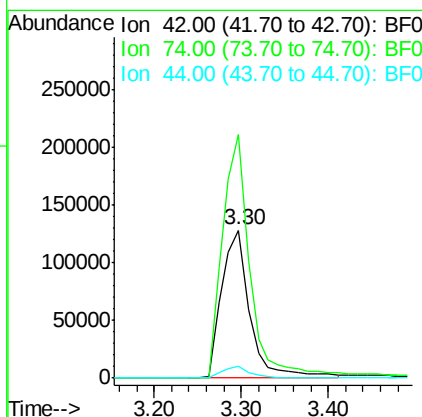
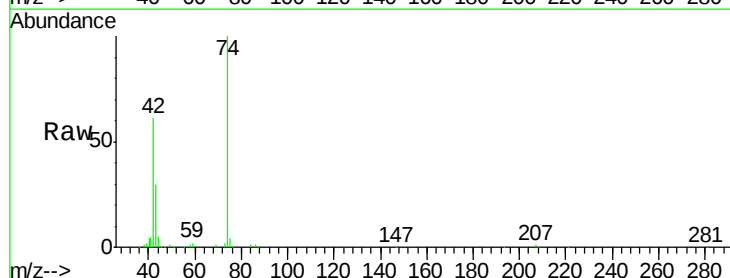
RT: 3.30 min Scan# 84

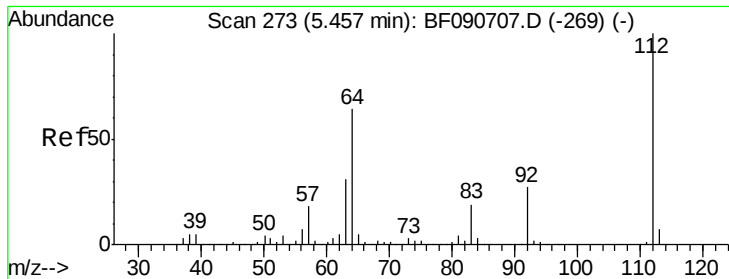
Delta R.T. 0.14 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion:	42	Resp:	290958
Ion Ratio	Lower	Upper	
42	100		
74	164.3	105.0	157.6#
44	7.8	6.6	10.0





#5

2-Fluorophenol

Concen: 115.81 ng

RT: 5.48 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

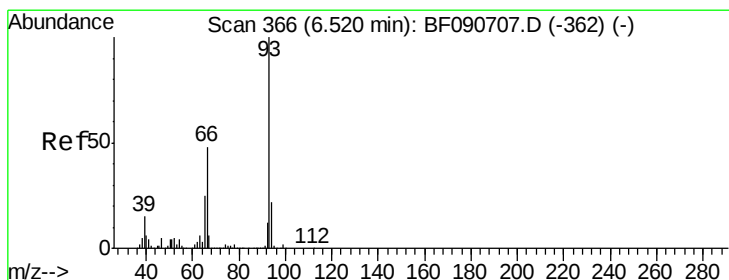
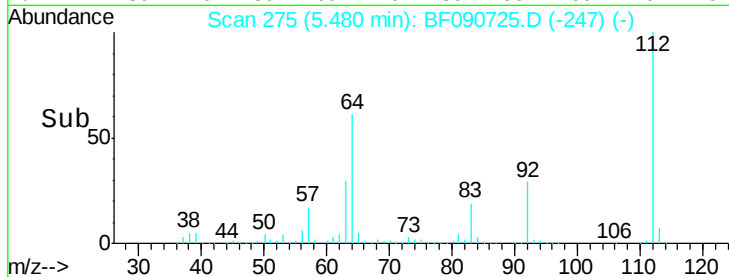
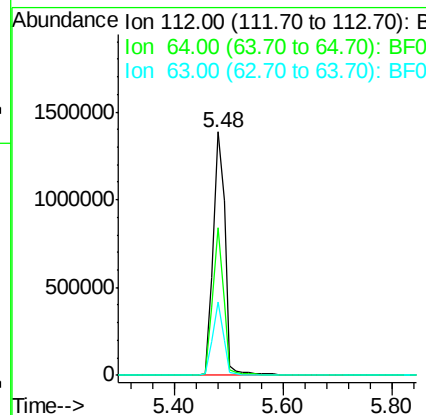
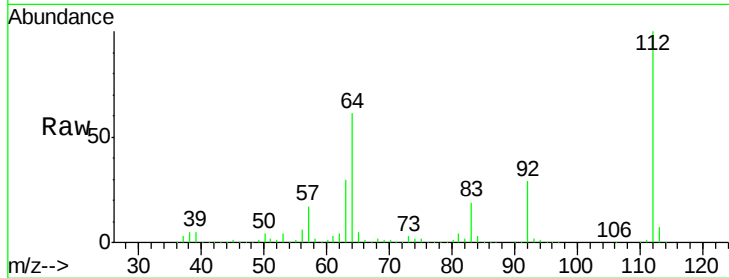
ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion:	112	Resp:	2156091
Ion Ratio	Lower	Upper	
112	100		
64	60.5	39.7	59.5#
63	30.0	17.4	26.0#

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#6

Aniline

Concen: 25.20 ng

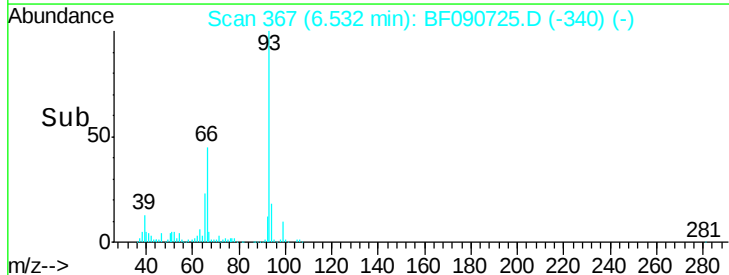
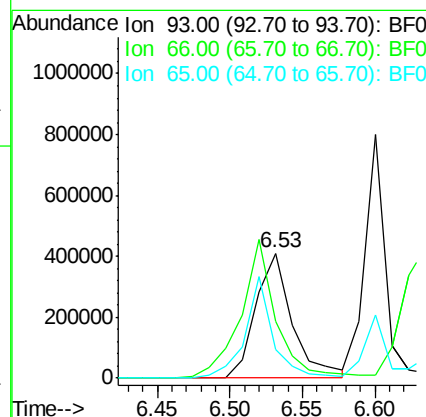
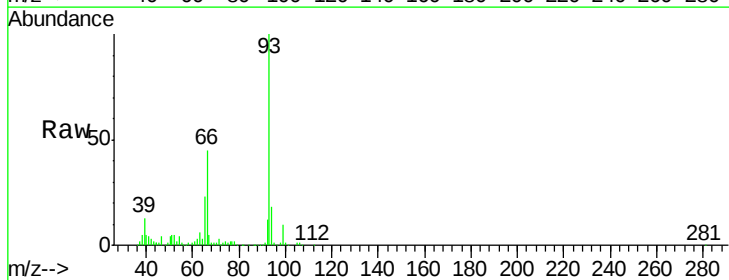
RT: 6.53 min Scan# 367

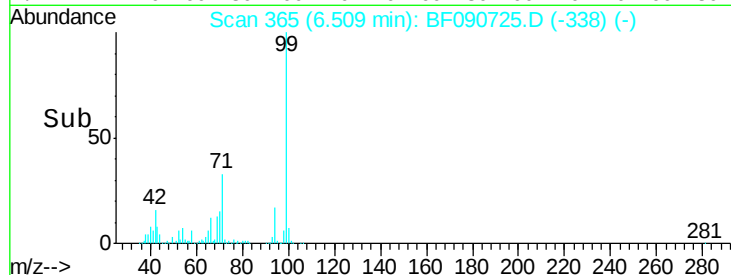
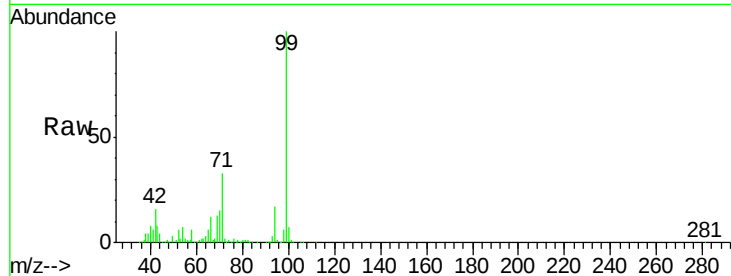
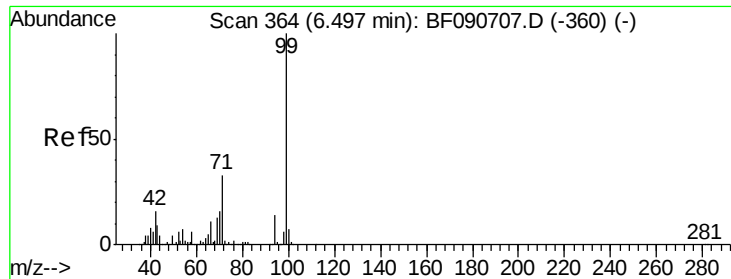
Delta R.T. 0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion:	93	Resp:	720564
Ion Ratio	Lower	Upper	
93	100		
66	45.1	27.2	40.8#
65	22.8	14.7	22.1#





#7

Phenol-d6

Concen: 112.43 ng

RT: 6.51 min Scan# 365

Delta R.T. 0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tot Ion: 99 Resp: 2835039

Ion Ratio Lower Upper

99 100

42 15.9 13.7 20.5

71 32.9 14.2 21.2#

Instrument :

BNA_F

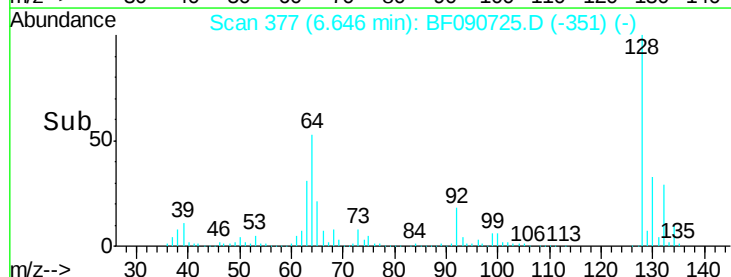
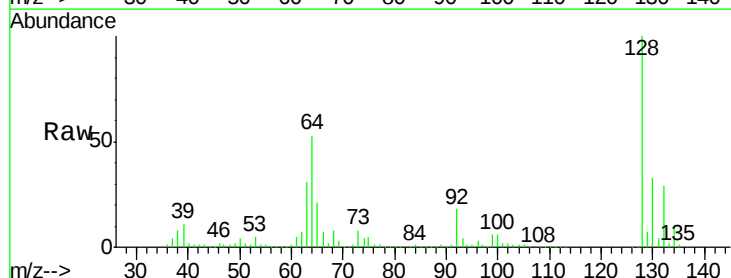
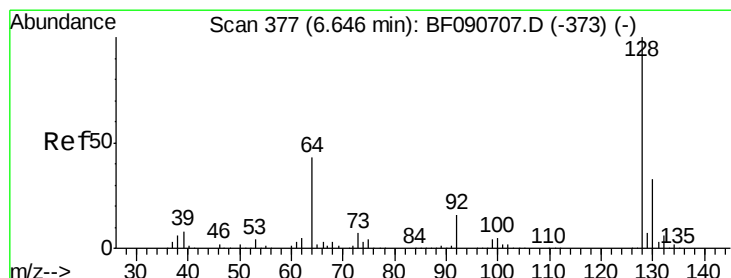
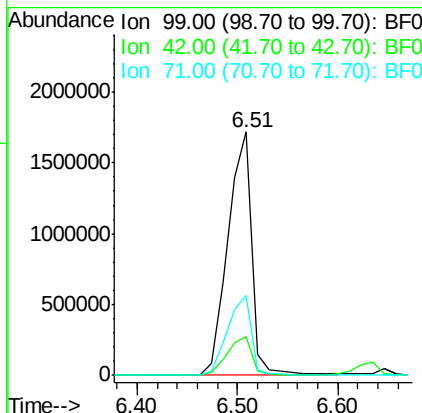
ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Manual Integrations

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#8

2-Chlorophenol

Concen: 33.29 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

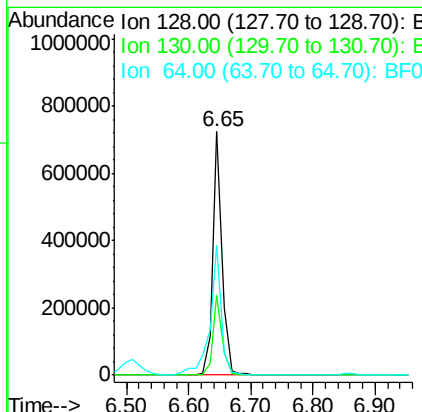
Tgt Ion:128 Resp: 743986

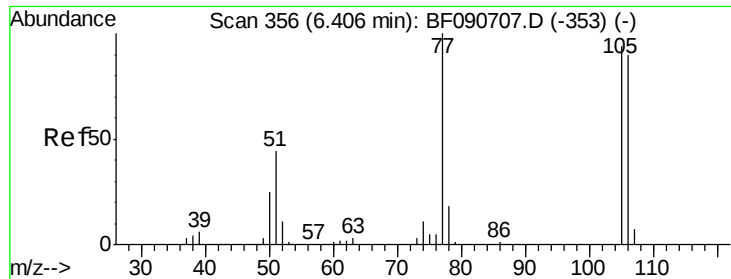
Ion Ratio Lower Upper

128 100

130 32.8 12.2 52.2

64 53.4 20.5 60.5





#9

Benzaldehyde

Concen: 11.27 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

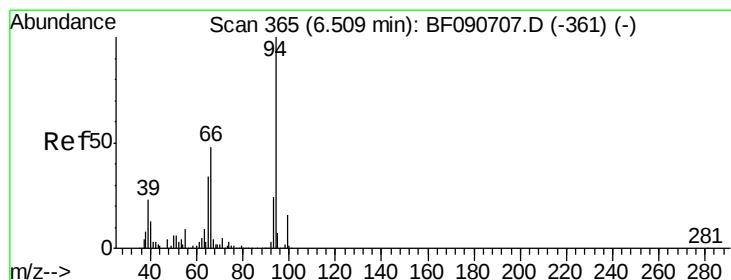
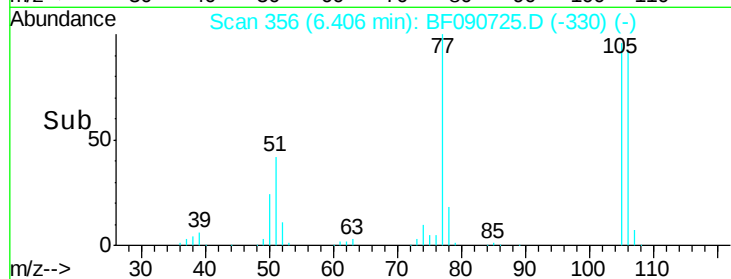
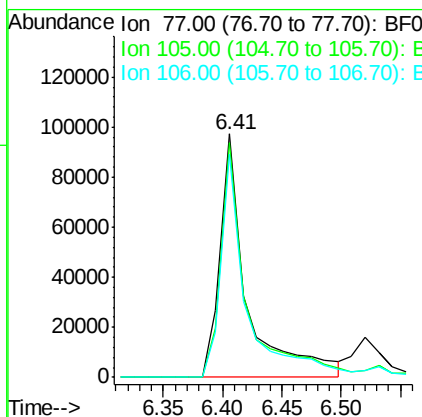
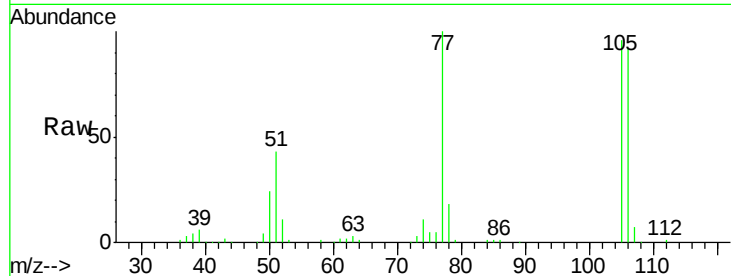
ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	96.5	91.6	131.6	
106	91.9	102.6	142.6	

Manual Integrations
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#10

Phenol

Concen: 38.21 ng

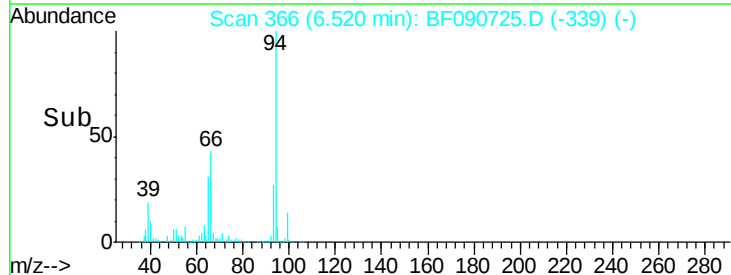
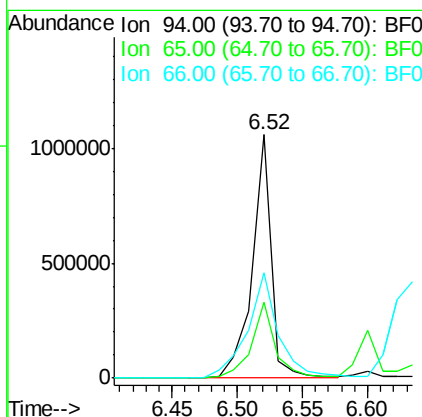
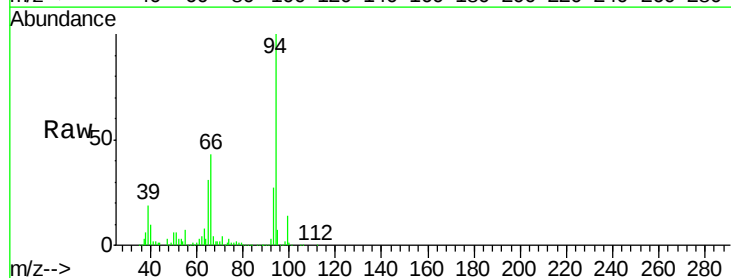
RT: 6.52 min Scan# 366

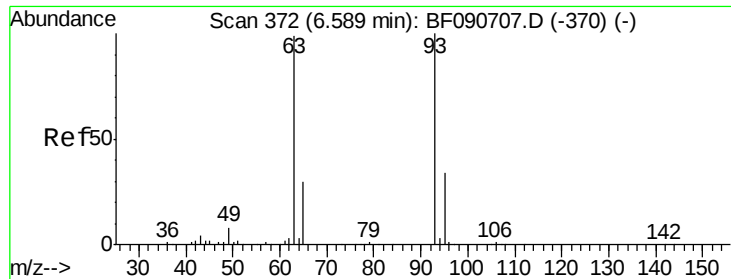
Delta R.T. 0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	31.4	0.7	40.7	
66	43.1	0.8	40.8	





#11

bis(2-Chloroethyl)ether

Concen: 35.11 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

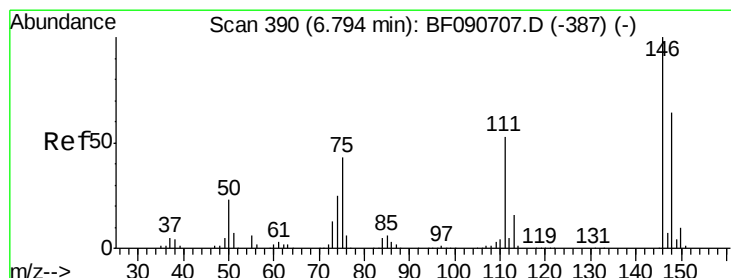
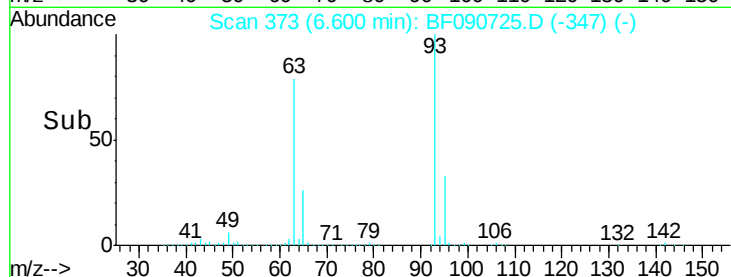
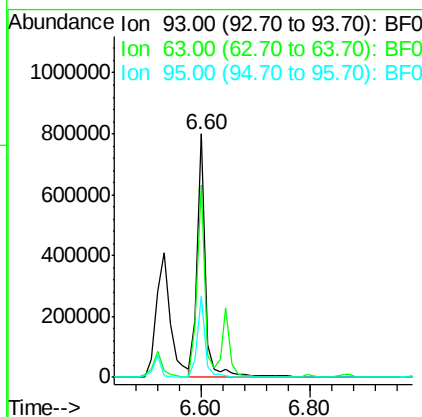
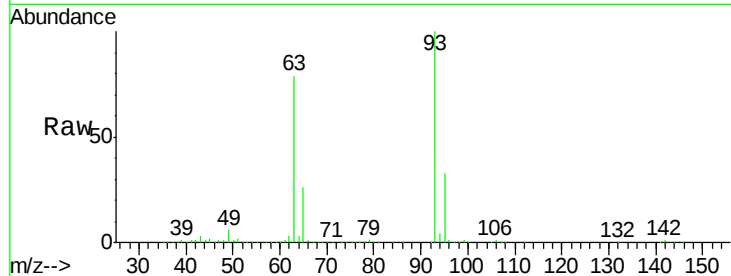
ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion:	93	Resp:	836308
Ion Ratio	Lower	Upper	
93	100		
63	79.0	65.6	105.6
95	33.3	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 33.55 ng

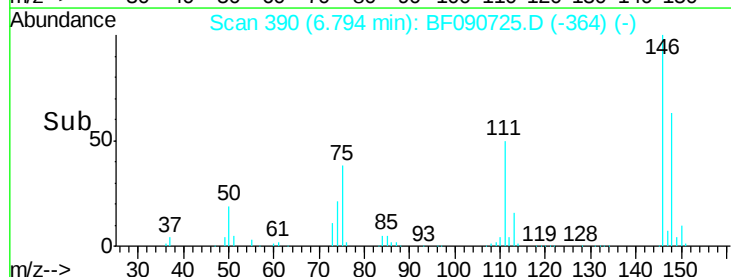
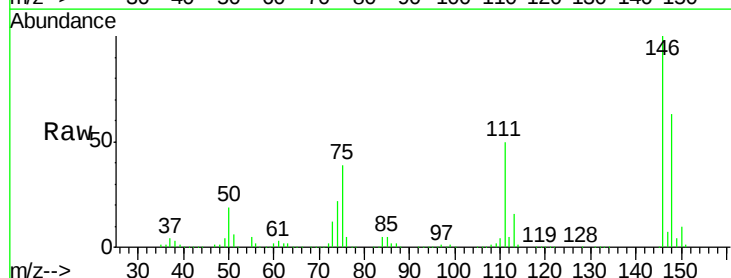
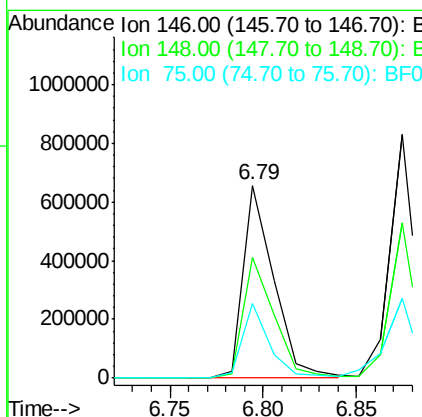
RT: 6.79 min Scan# 390

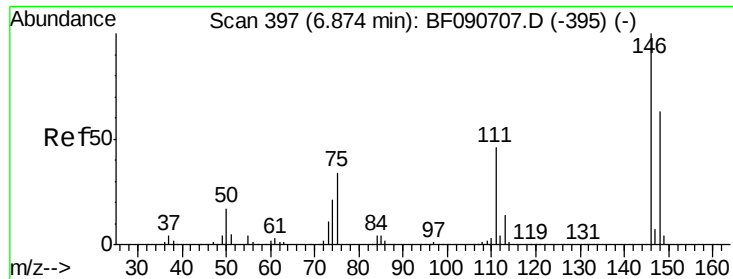
Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion:	146	Resp:	753097
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.0	76.4
75	38.7	15.0	22.6#





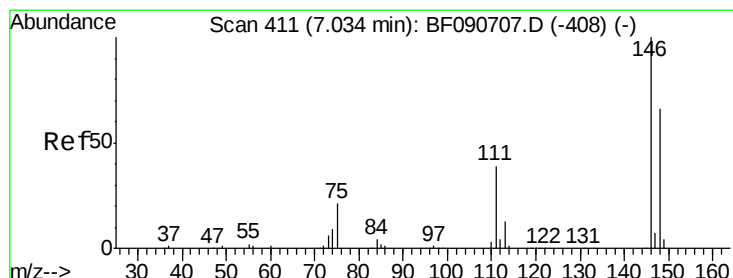
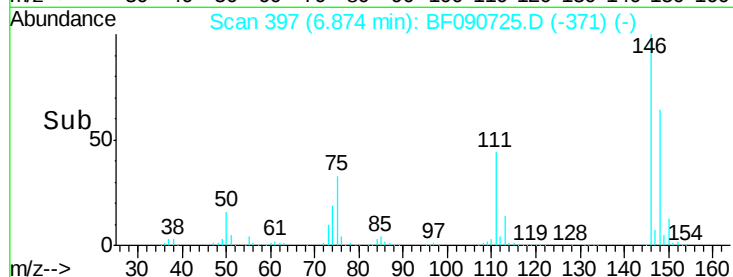
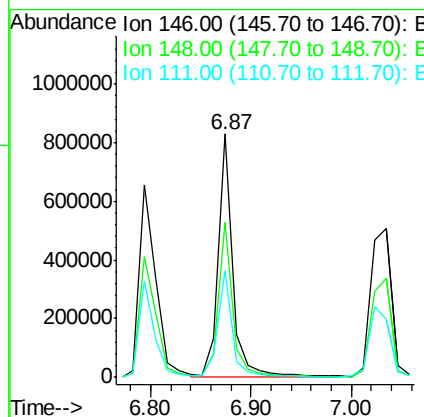
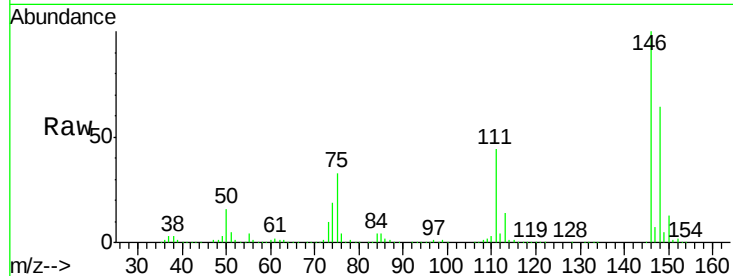
#13
1,4-Dichlorobenzene
Concen: 35.10 ng
RT: 6.87 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
111	43.9	24.9	37.3

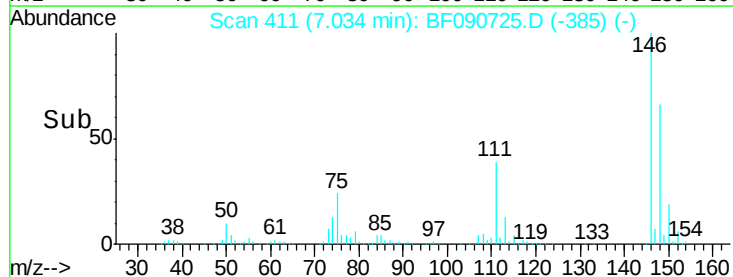
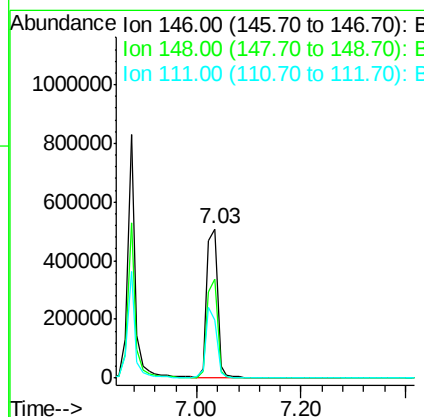
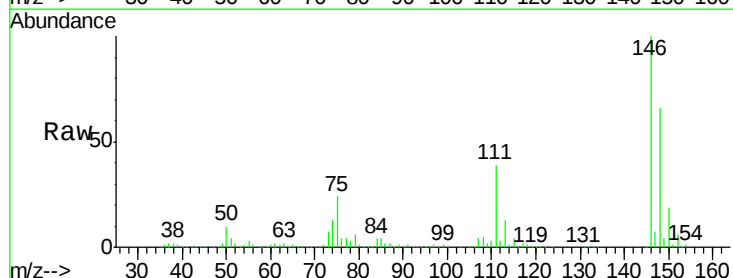
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#14
1,2-Dichlorobenzene
Concen: 32.04 ng
RT: 7.03 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.7	79.1
111	39.1	28.8	43.2





#15

Benzyl Alcohol

Concen: 34.97 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

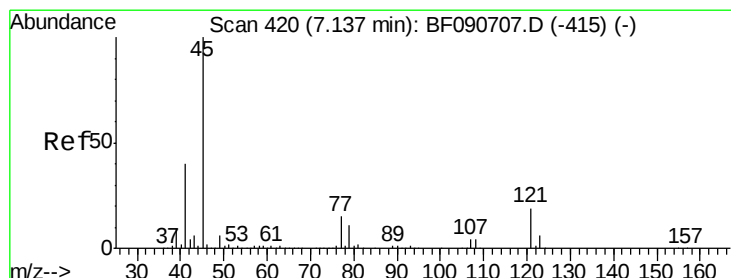
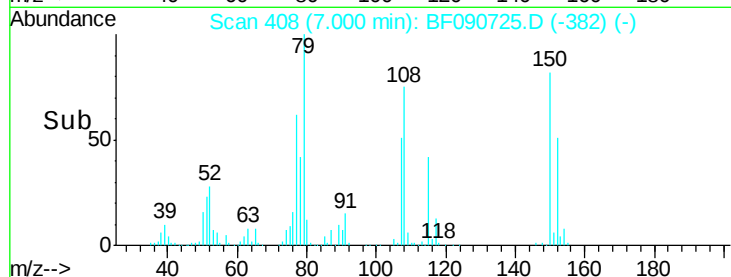
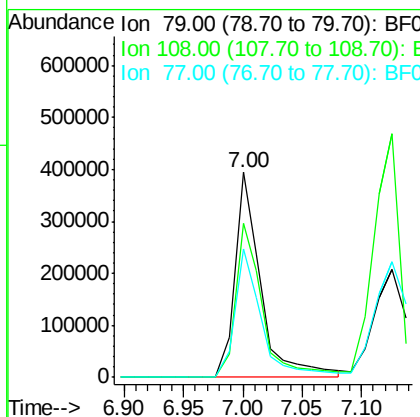
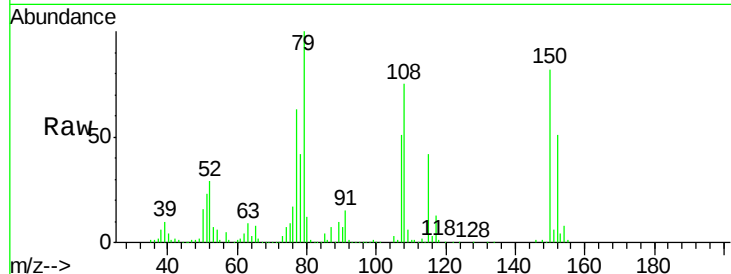
ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.0	88.6	132.8#
77	62.7	47.0	70.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.10 ng

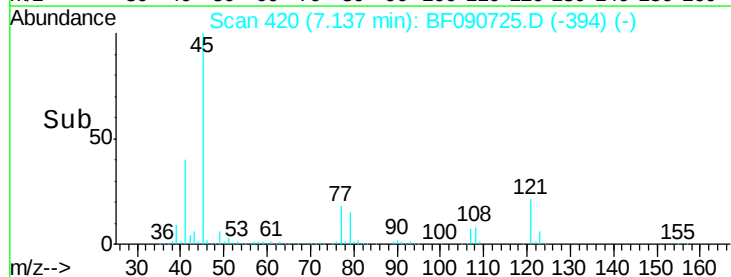
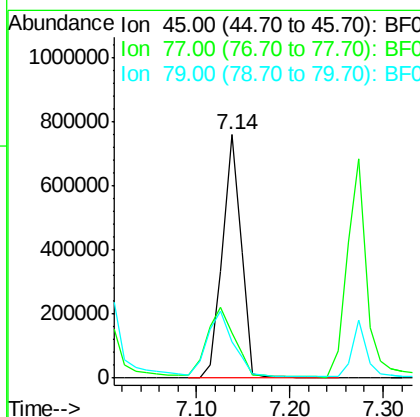
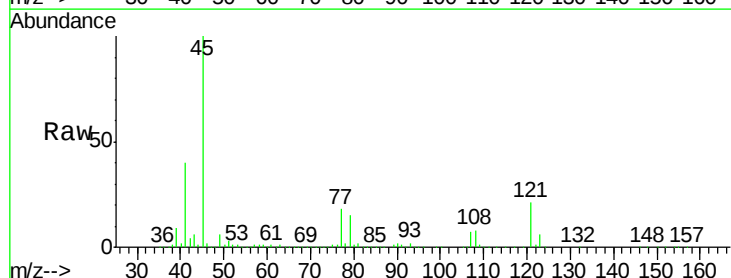
RT: 7.14 min Scan# 420

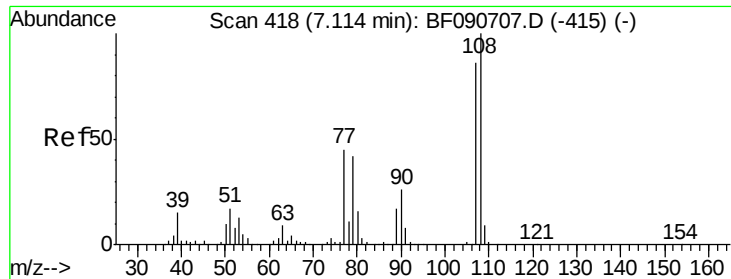
Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	28.1
79	15.2	0.0	26.0





#17

2-Methylphenol

Concen: 38.34 ng

RT: 7.13 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

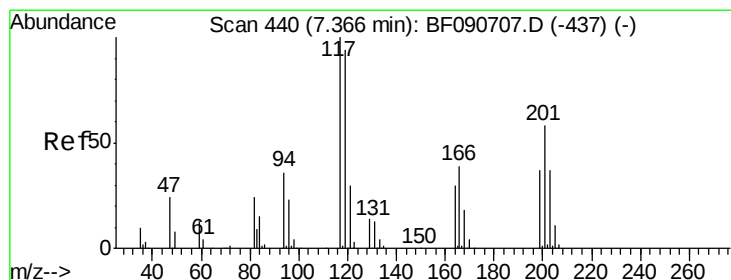
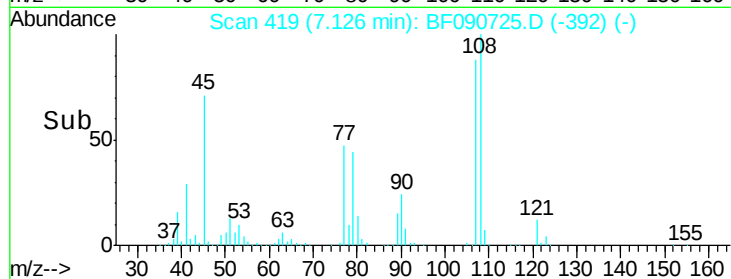
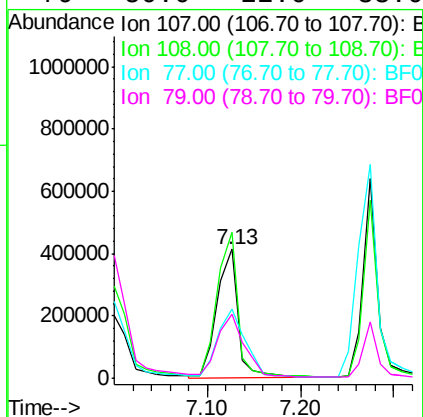
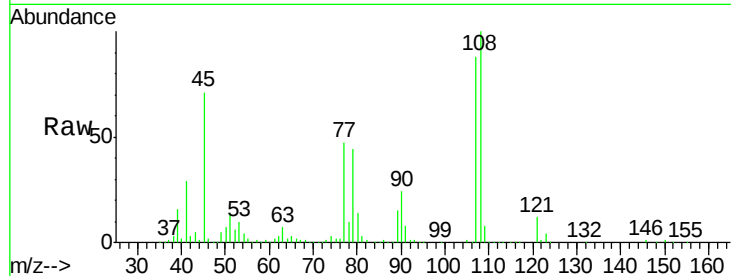
ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	96.6	145.0	
77	53.7	23.3	34.9	
79	50.0	22.0	33.0	

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#18

Hexachloroethane

Concen: 31.73 ng

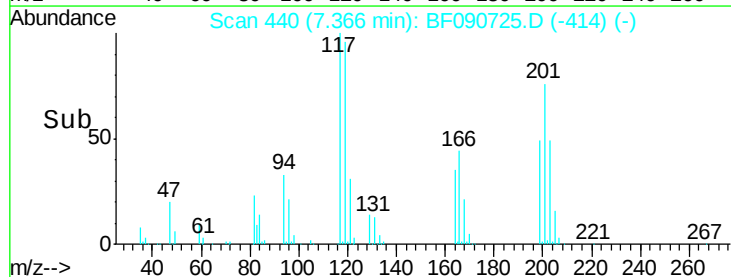
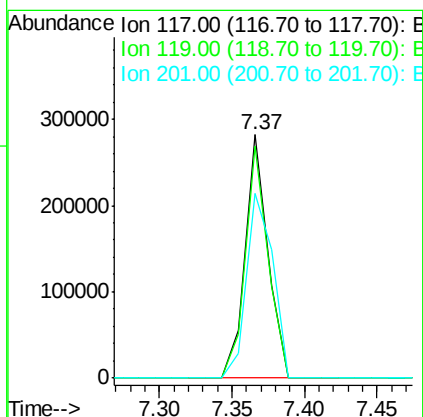
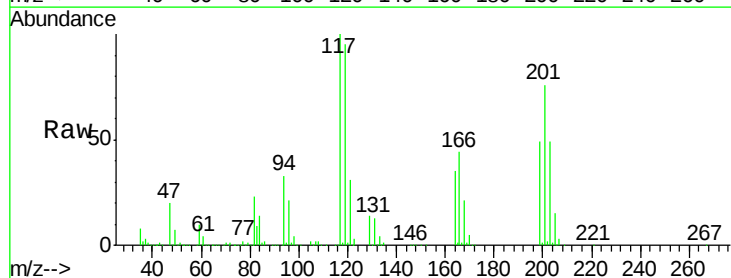
RT: 7.37 min Scan# 440

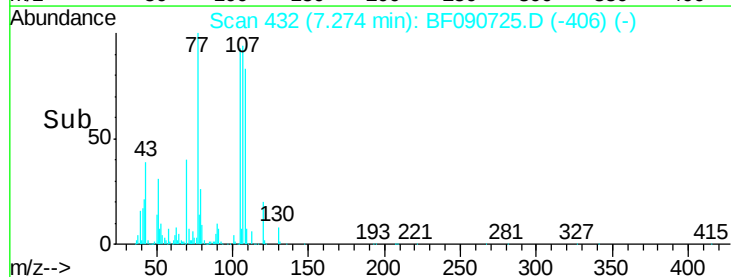
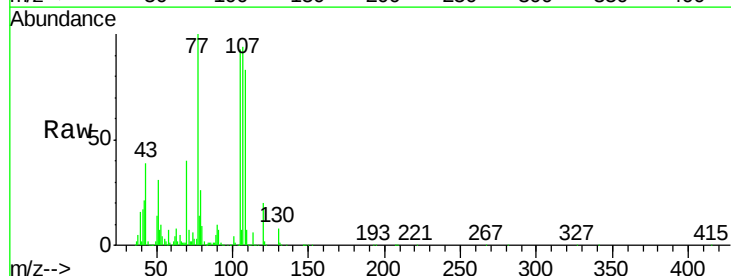
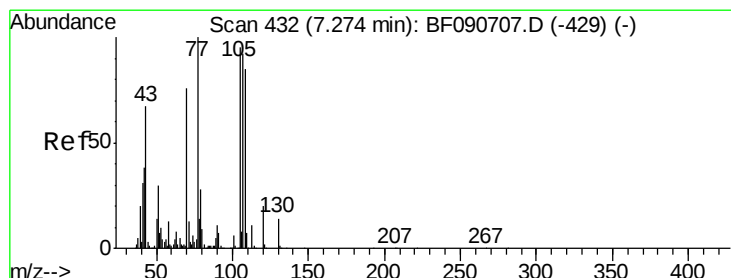
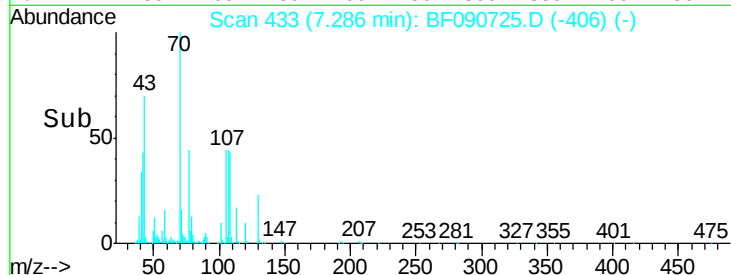
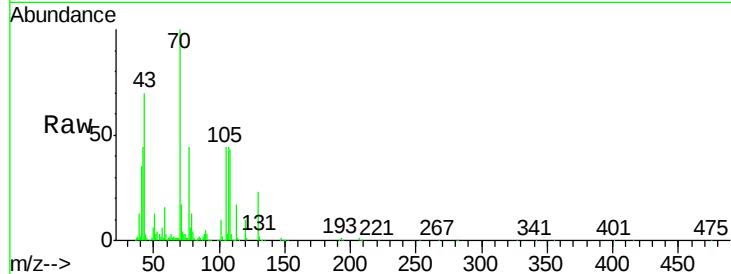
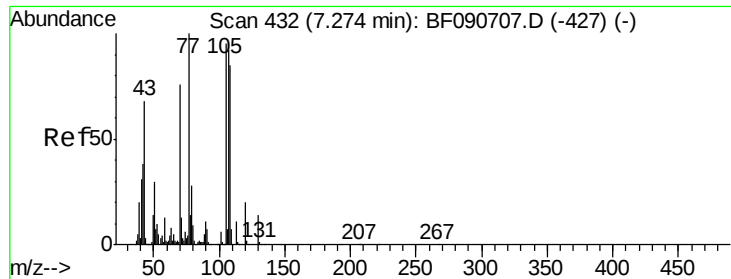
Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	83.8	125.6	
201	76.1	55.1	82.7	





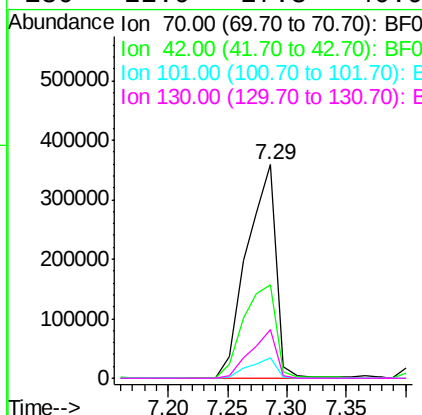
#19
n-Nitroso-di-n-propylamine
Concen: 32.93 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.6	63.8	95.6#
101	9.6	9.2	13.8
130	22.9	27.3	40.9#

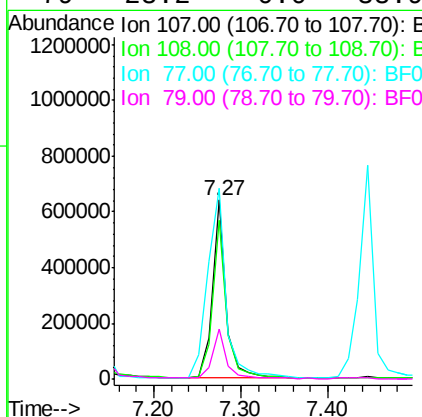
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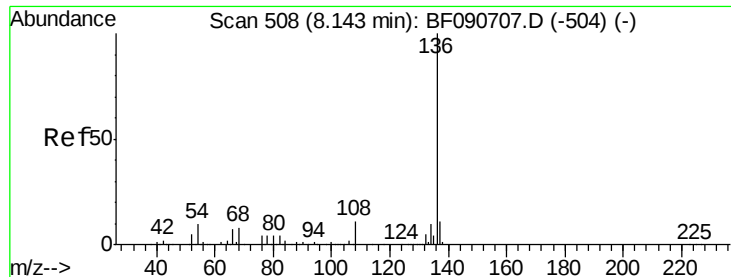
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#20
3+4-Methylphenols
Concen: 35.50 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	74.6	114.6
77	106.7	0.7	40.7#
79	28.2	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion:136 Resp: 1232488

Ion Ratio Lower Upper

136 100

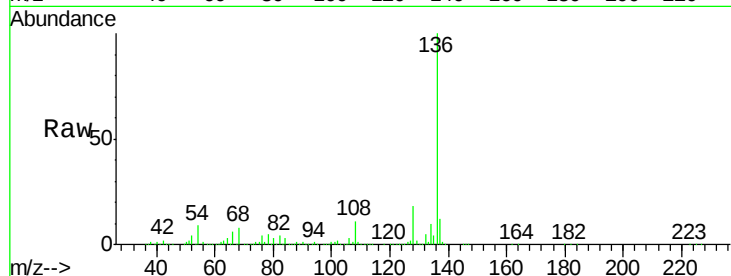
137 11.5 9.0 13.6

54 8.7 8.2 12.2

68 7.8 5.8 8.6

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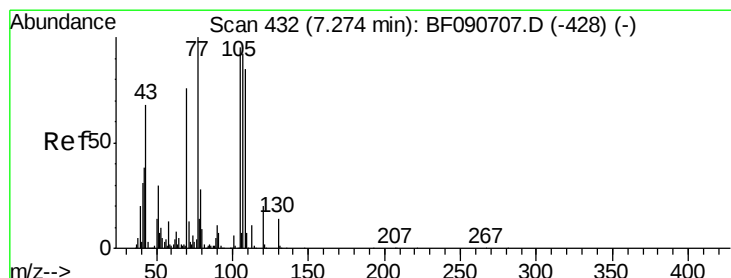
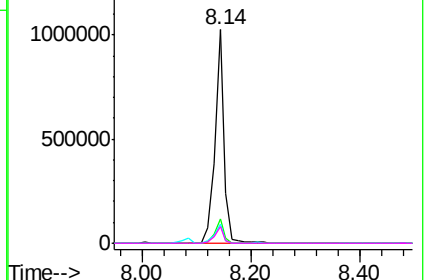
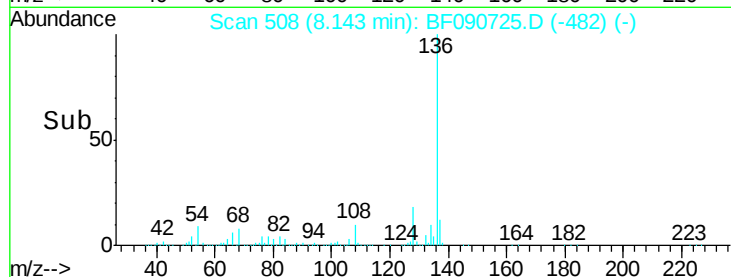


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.58 ng

RT: 7.27 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion:105 Resp: 1032191

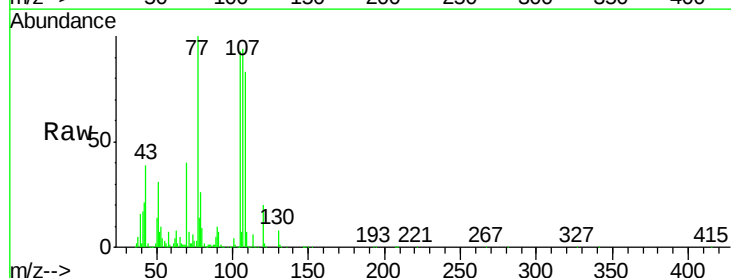
Ion Ratio Lower Upper

105 100

71 7.4 4.7 7.1#

51 33.0 22.0 33.0

120 21.6 30.1 45.1#

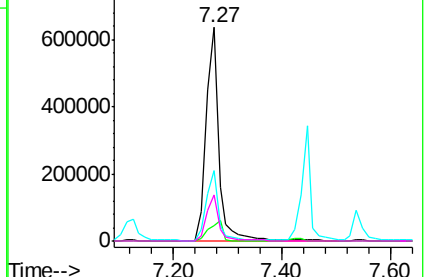
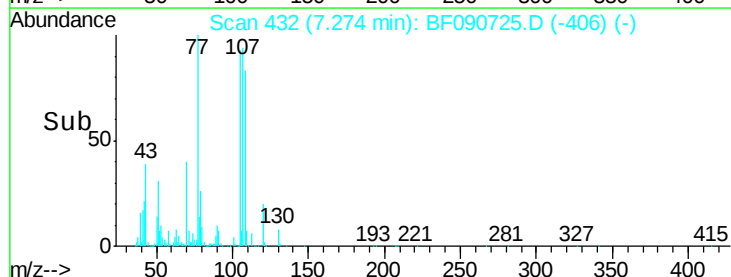


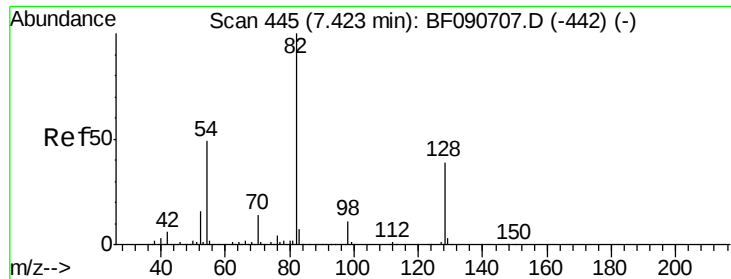
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





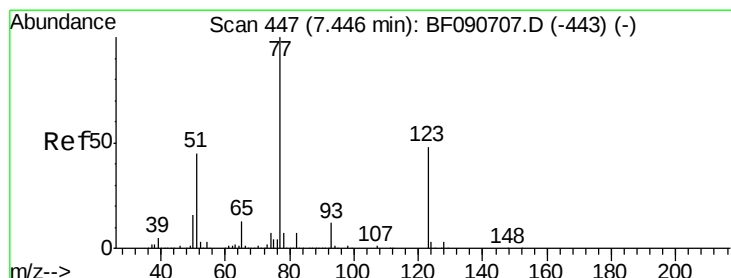
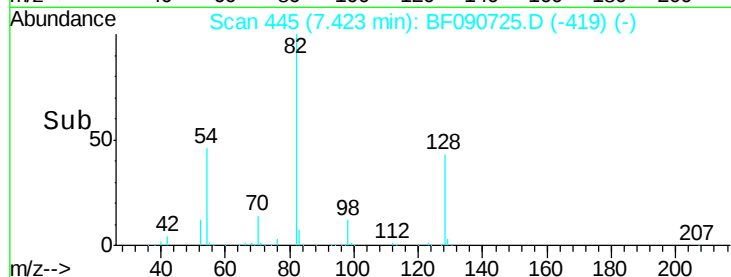
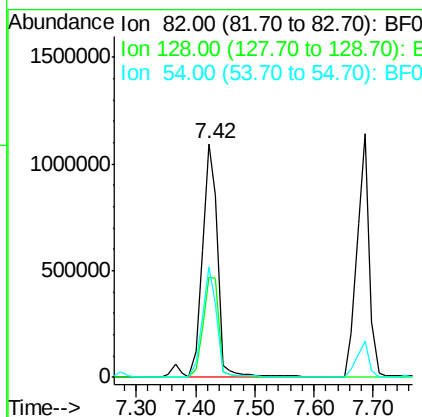
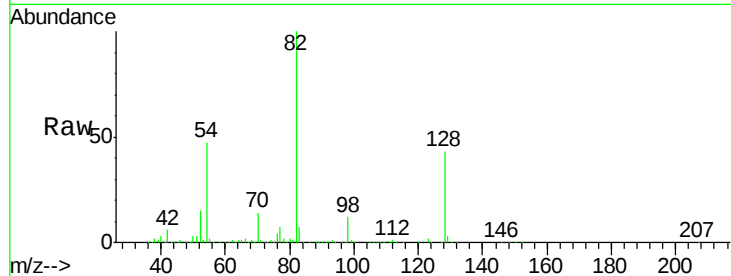
#23
 Nitrobenzene-d5
 Concen: 87.30 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	51.0	76.6#
54	47.2	47.5	71.3#

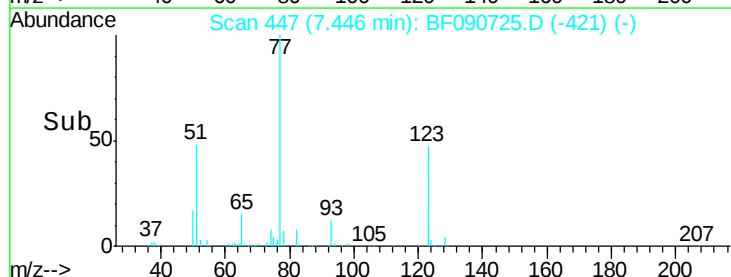
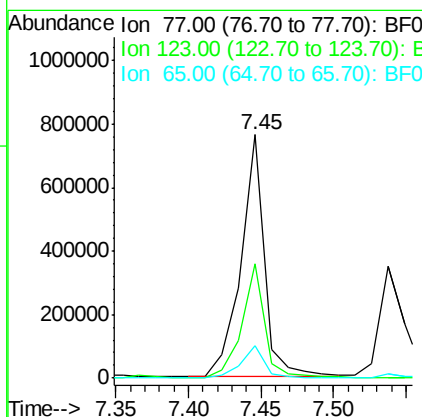
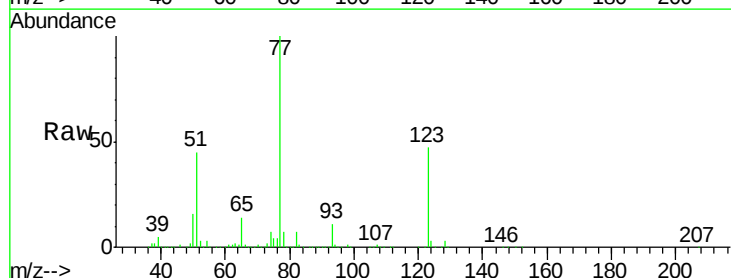
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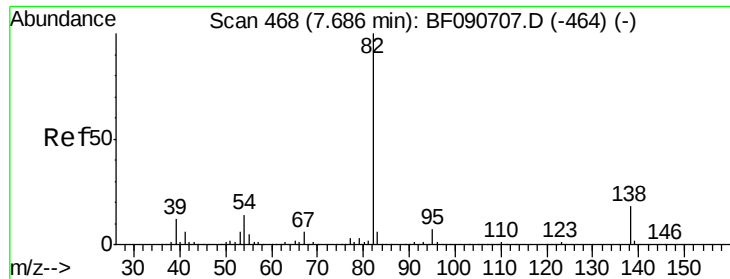
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#24
 Nitrobenzene
 Concen: 35.47 ng
 RT: 7.45 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	59.8	89.8#
65	13.6	10.2	15.4





#25

Isophorone

Concen: 37.83 ng

RT: 7.69 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion: 82 Resp: 1609088

Ion Ratio Lower Upper

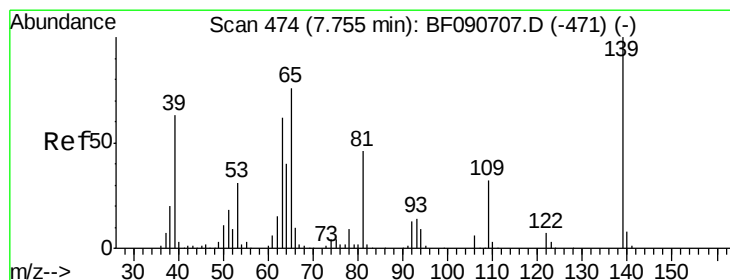
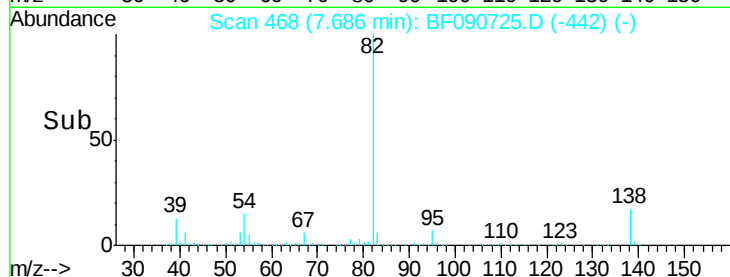
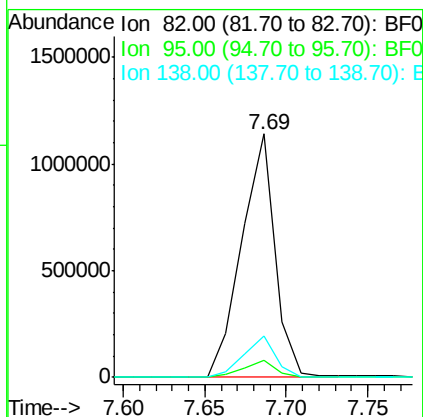
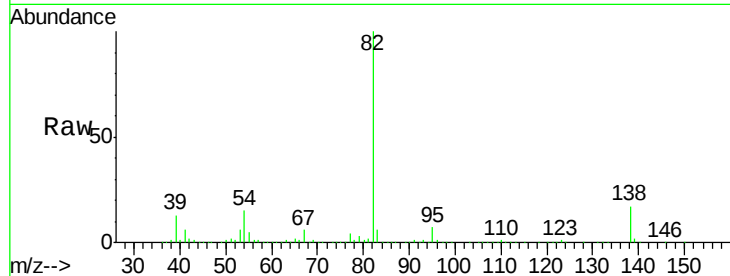
82 100

95 6.8 4.0 6.0#

138 17.0 18.3 27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.42 ng

RT: 7.75 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

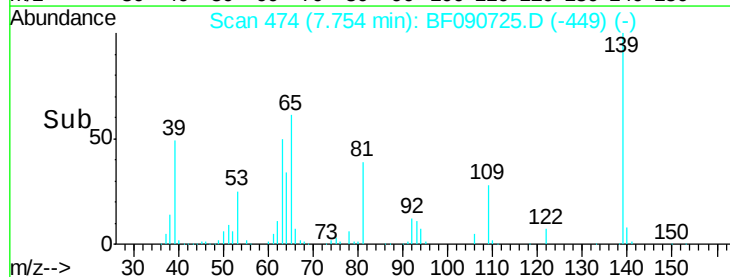
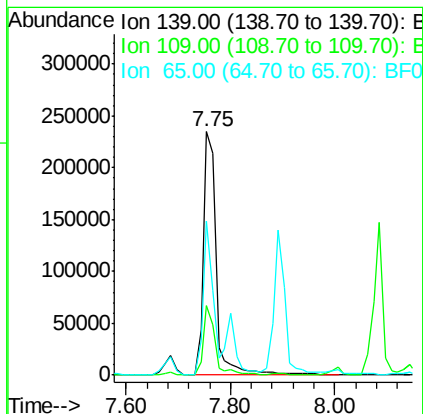
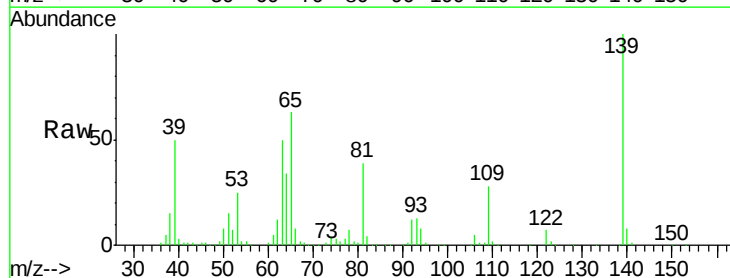
Tgt Ion: 139 Resp: 402224

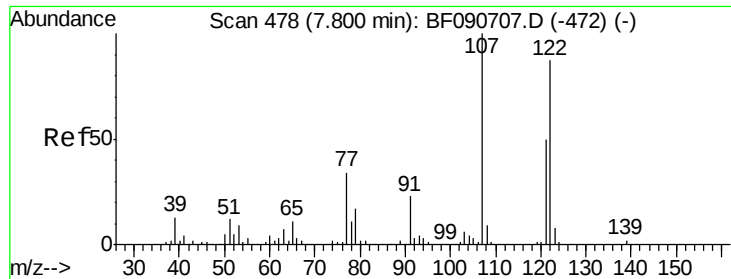
Ion Ratio Lower Upper

139 100

109 28.4 11.0 16.4#

65 63.2 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 37.22 ng

RT: 7.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

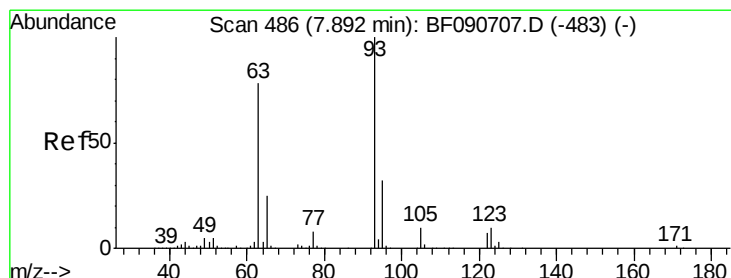
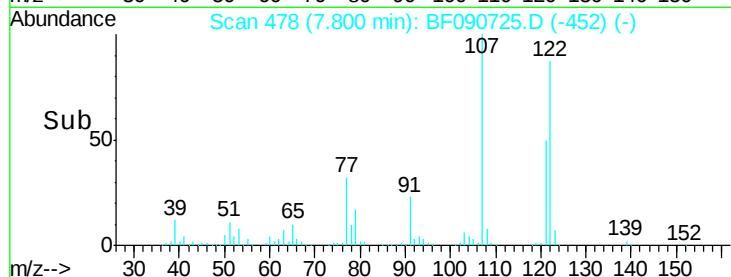
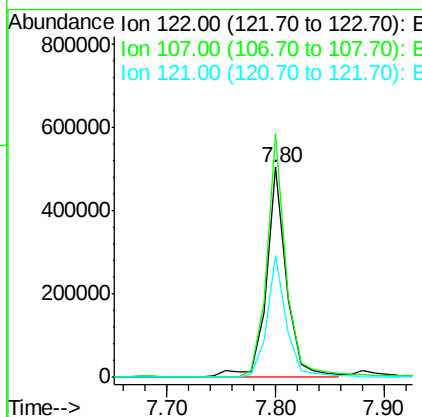
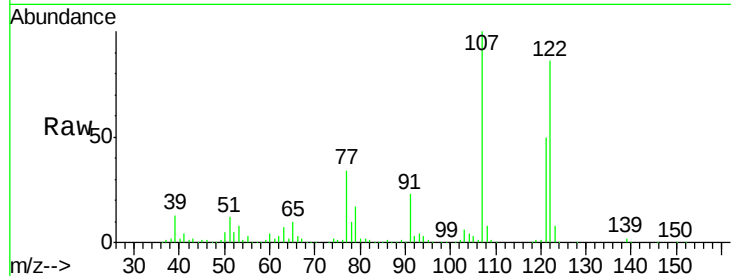
ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	71.8	107.6#
121	57.9	42.3	63.5

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#28

bis(2-Chloroethoxy)methane

Concen: 40.75 ng

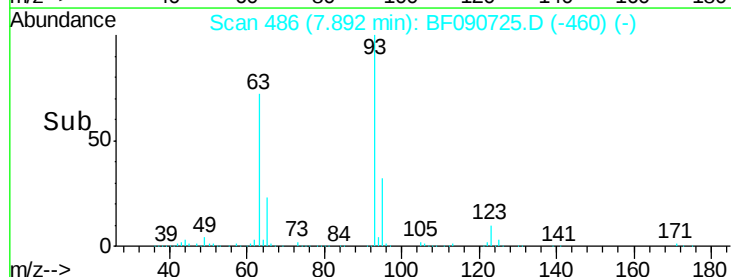
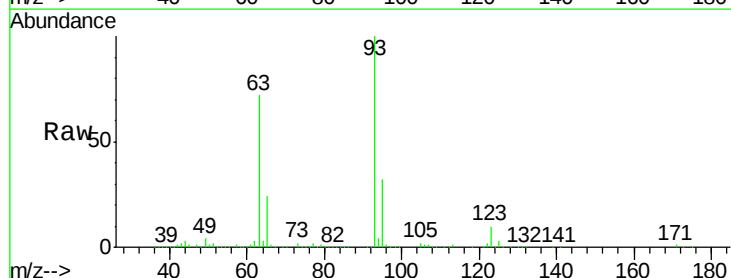
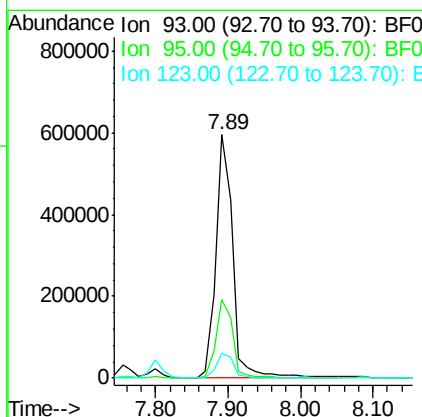
RT: 7.89 min Scan# 486

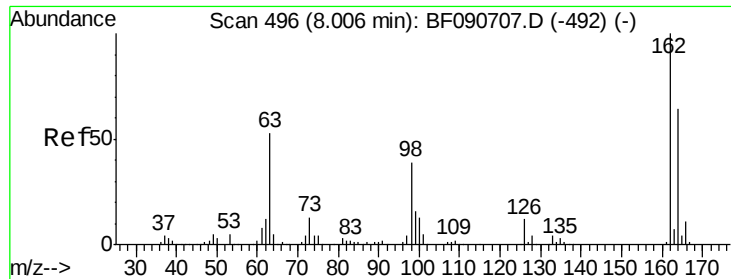
Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	27.5	41.3
123	10.2	13.7	20.5#





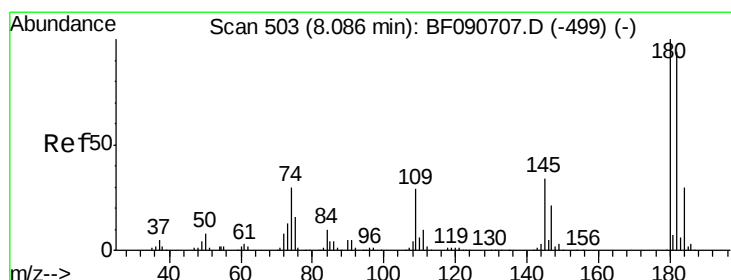
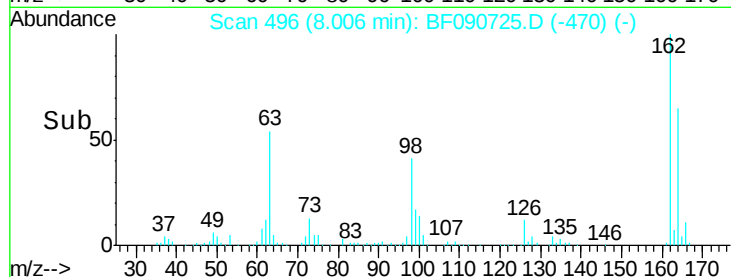
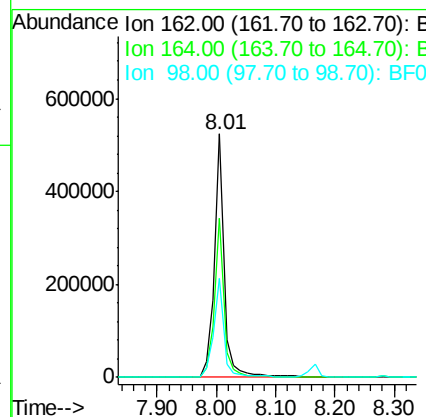
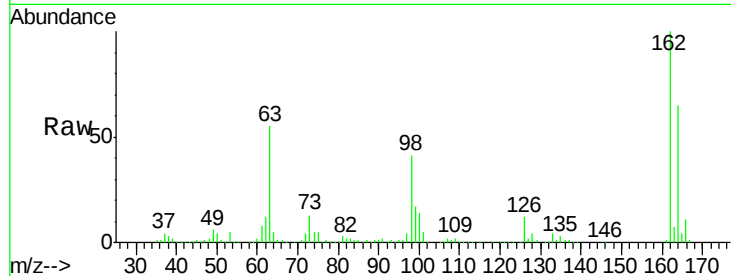
#29
 2,4-Dichlorophenol
 Concen: 42.13 ng
 RT: 8.01 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	610170		
164	65.3	44.9	84.9	
98	40.6	13.0	53.0	

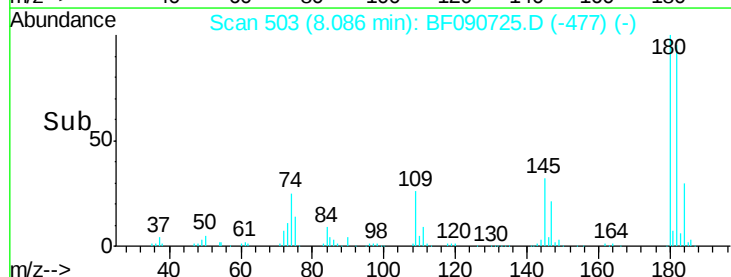
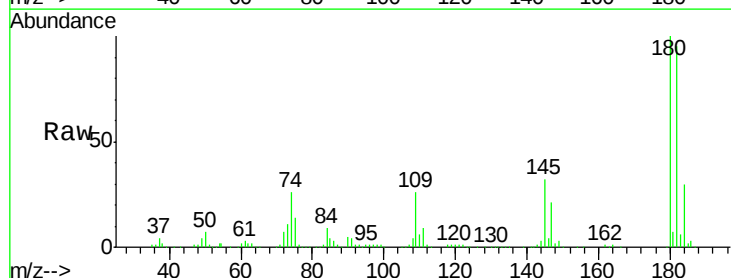
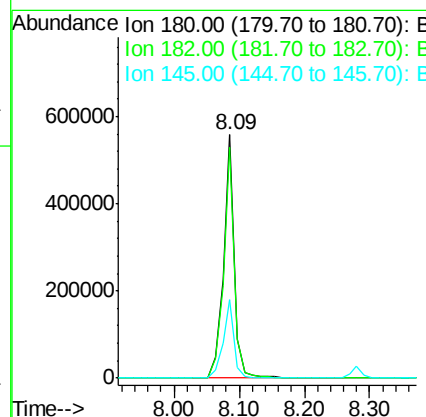
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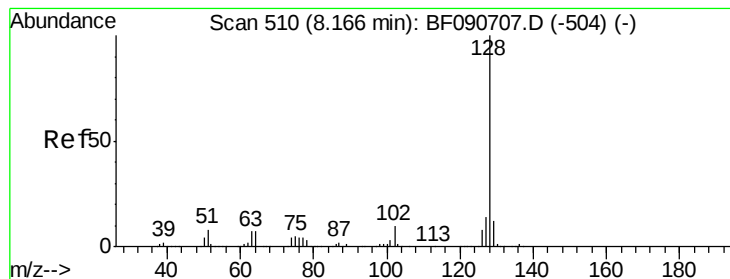
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.75 ng
 RT: 8.09 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	660403		
182	94.6	77.1	115.7	
145	32.5	23.3	34.9	





#31

Naphthalene

Concen: 36.69 ng

RT: 8.17 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion:128 Resp: 2212030

Ion Ratio Lower Upper

128 100

129 11.9 8.4 12.6

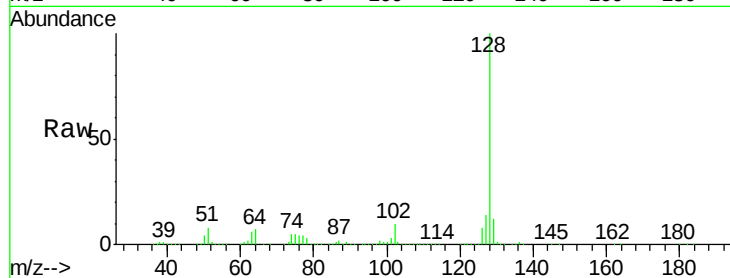
127 14.0 9.9 14.9

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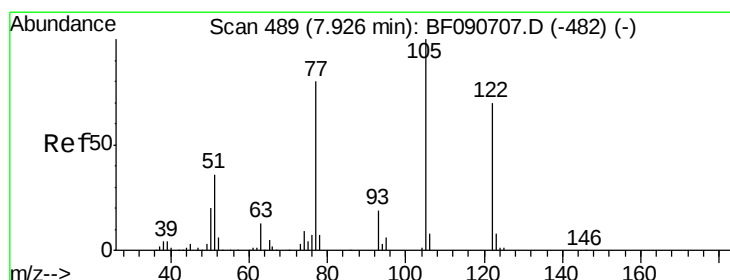
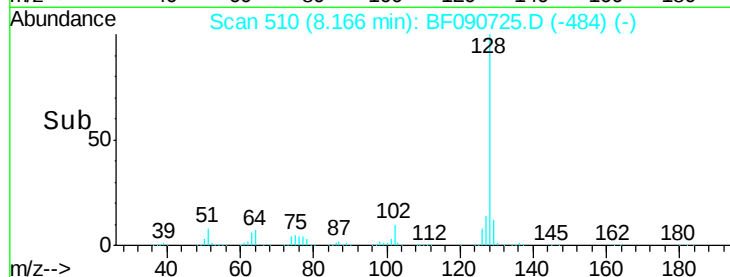
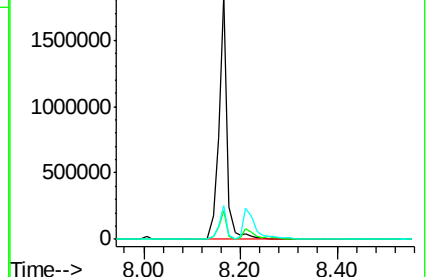
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.43 ng

RT: 7.88 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

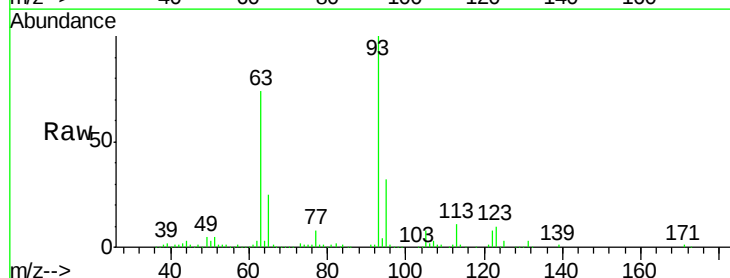
Tgt Ion:122 Resp: 42585

Ion Ratio Lower Upper

122 100

105 98.9 76.1 116.1

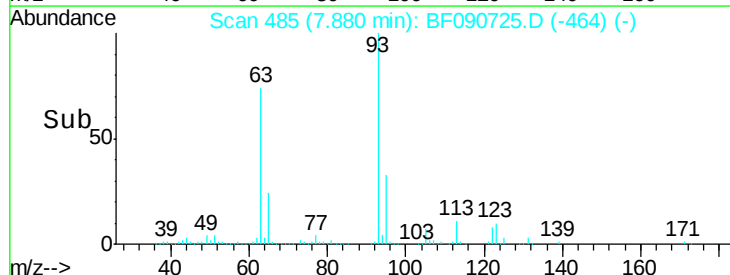
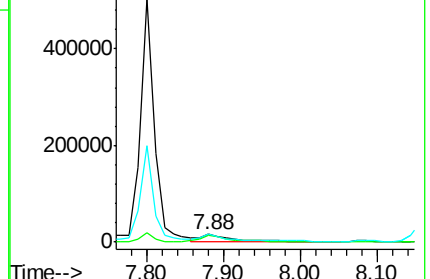
77 100.7 40.5 80.5#

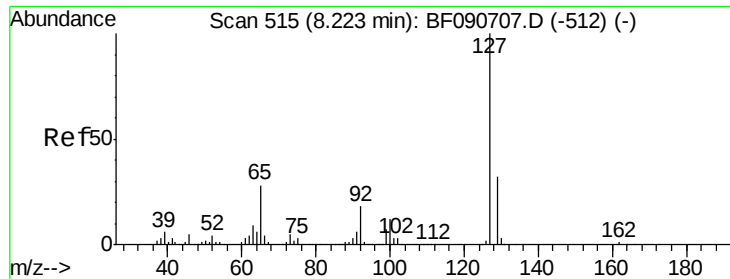


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 18.52 ng

RT: 8.21 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

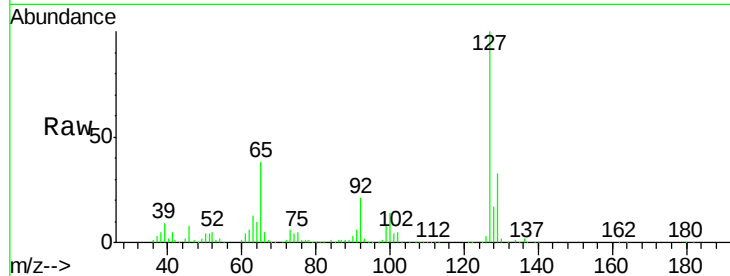
ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	25.8	38.6		
65	37.9	17.9	26.9		
92	21.2	10.5	15.7		

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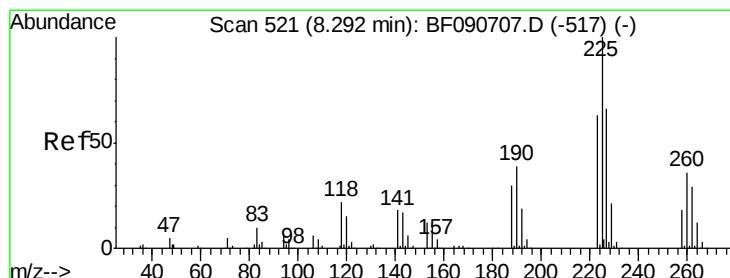
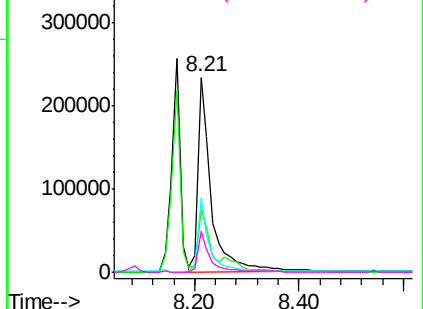
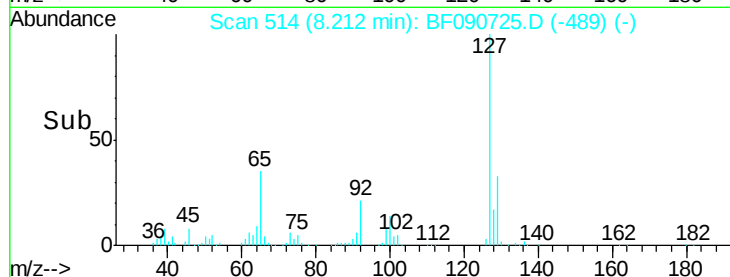


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.50 ng

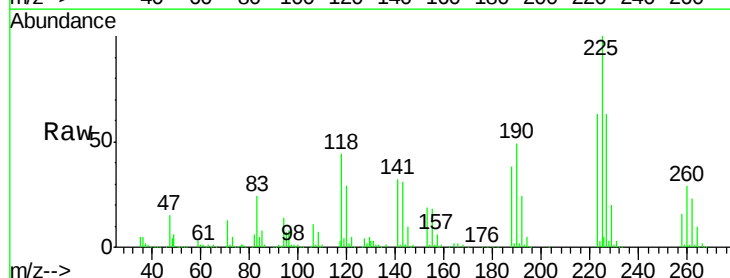
RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

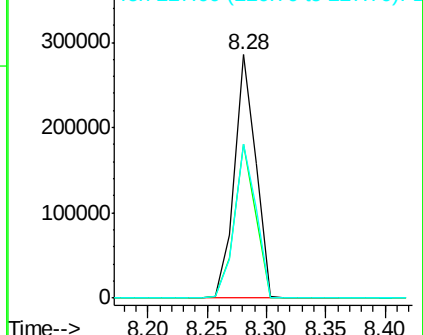
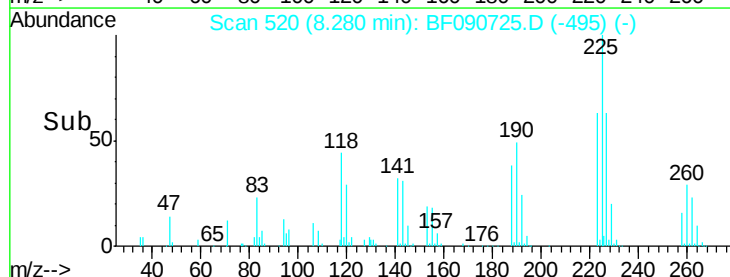
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.2	75.2		
227	63.1	52.2	78.2		

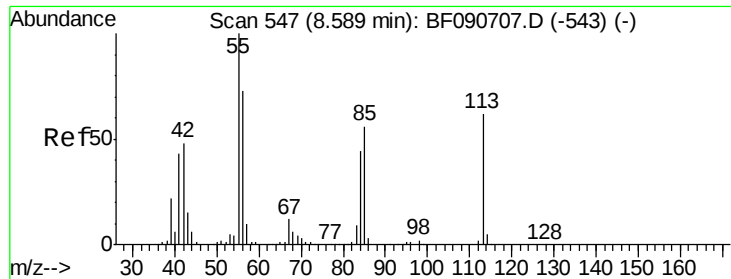


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.73 ng/ml

RT: 8.59 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

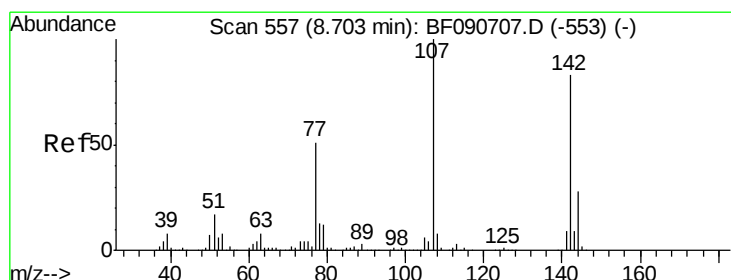
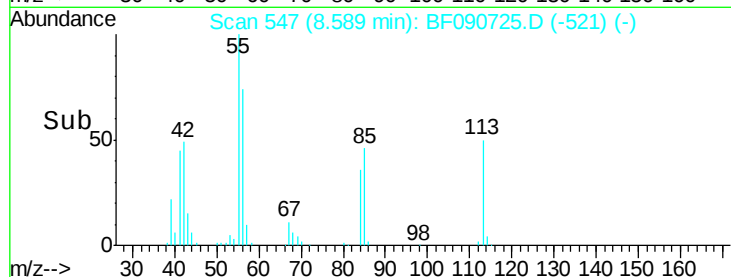
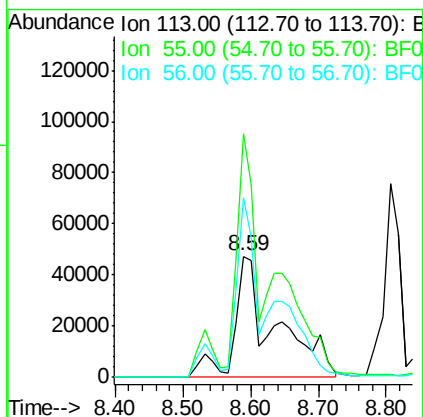
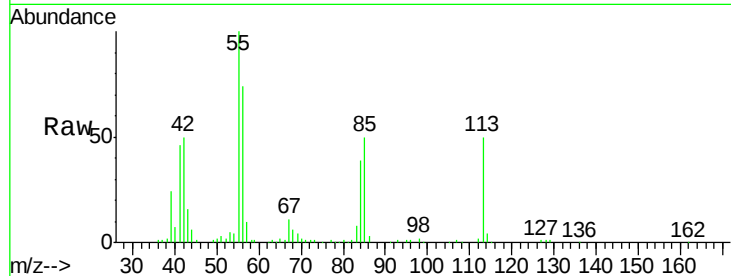
ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	201.3	152.4	192.4#		
56	148.0	104.6	144.6#		

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#36

4-Chloro-3-methylphenol

Concen: 37.75 ng/ml

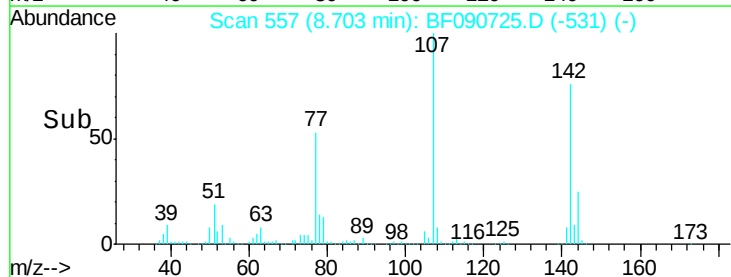
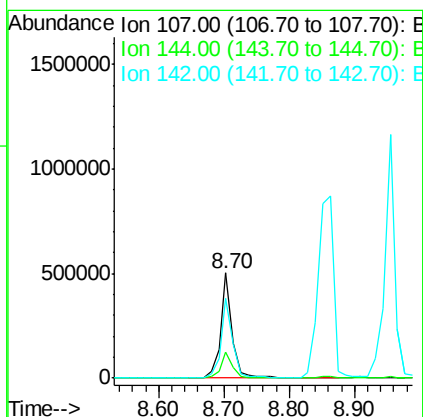
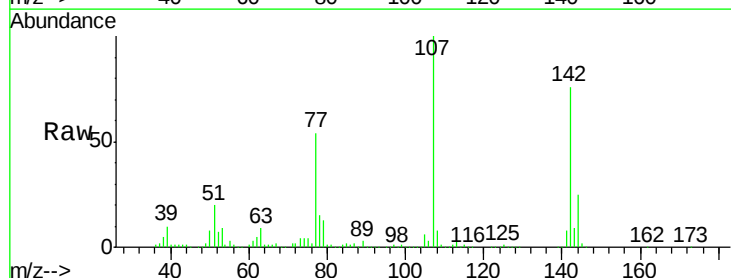
RT: 8.70 min Scan# 557

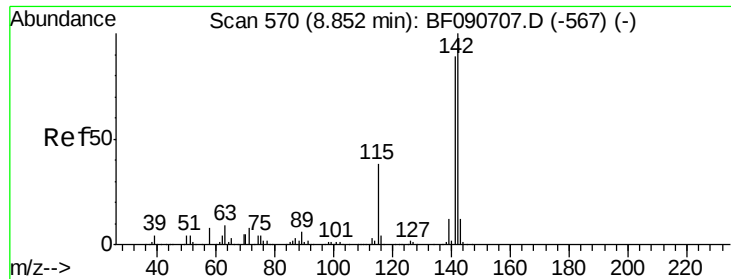
Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.8	25.4	38.0#		
142	76.2	77.3	115.9#		





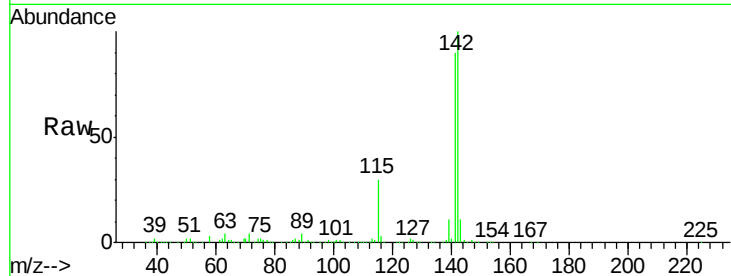
#37
2-Methylnaphthalene
Concen: 40.12 ng
RT: 8.86 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

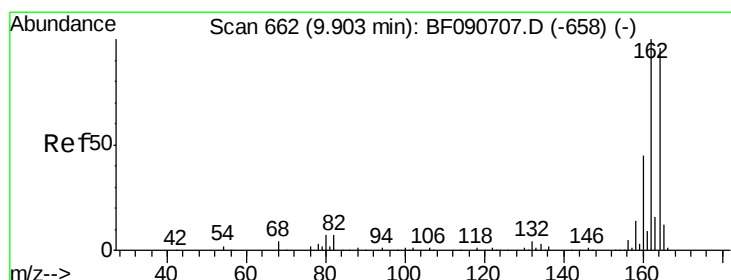
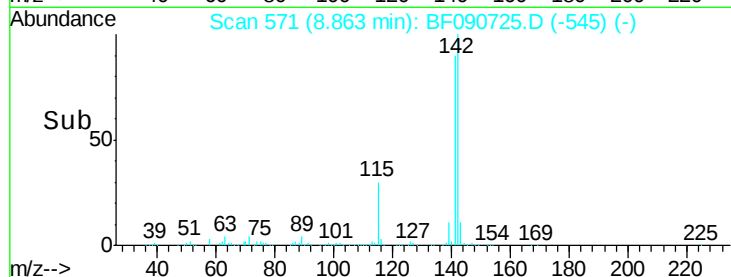
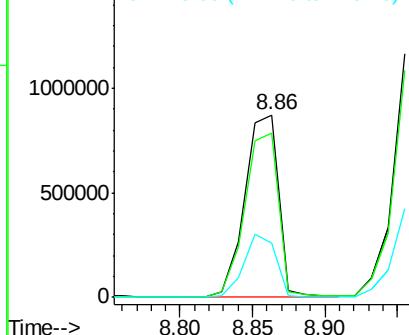
Tot Ion:142 Resp: 1413623
Ion Ratio Lower Upper
142 100
141 90.0 67.5 101.3
115 29.9 18.2 27.2#

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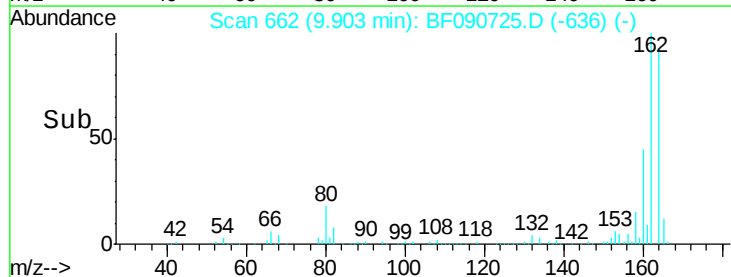
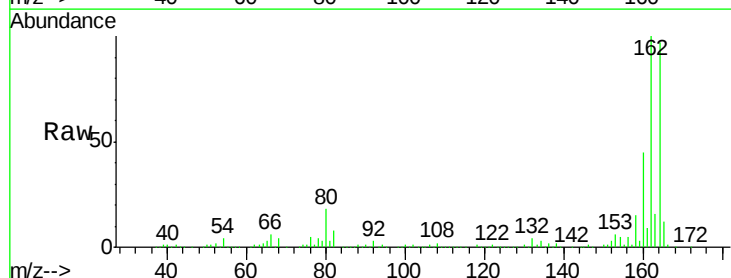
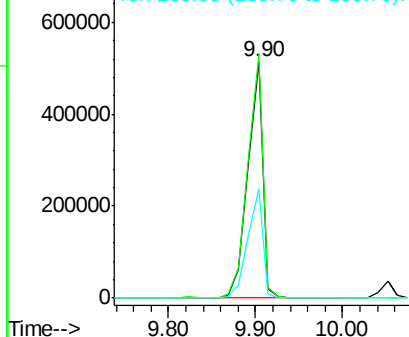
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

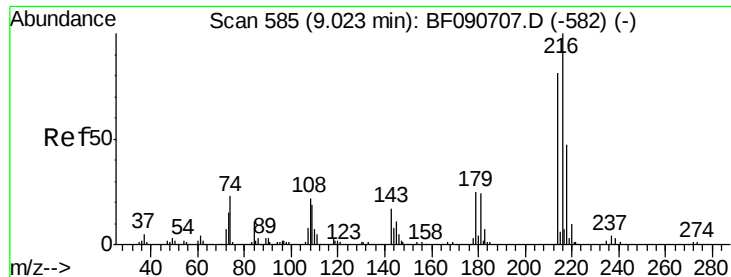


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion:164 Resp: 628272
Ion Ratio Lower Upper
164 100
162 103.1 75.2 112.8
160 46.1 31.5 47.3

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





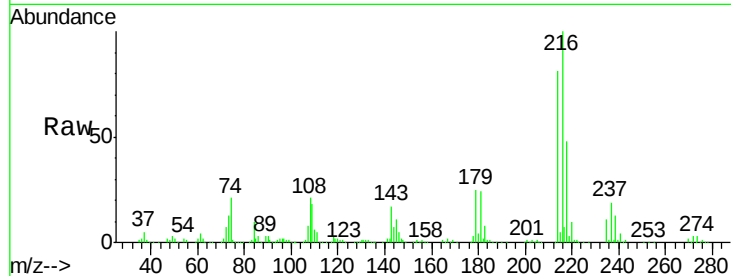
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.10 ng
 RT: 9.02 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

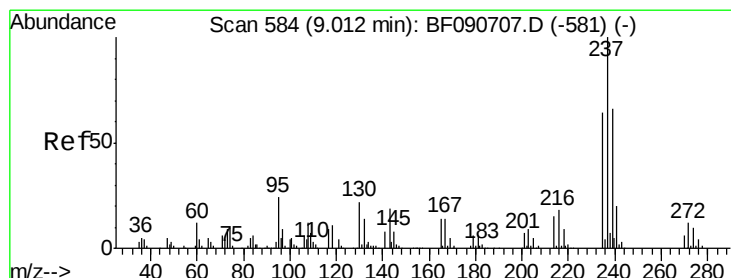
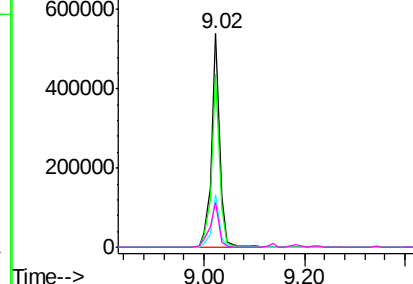
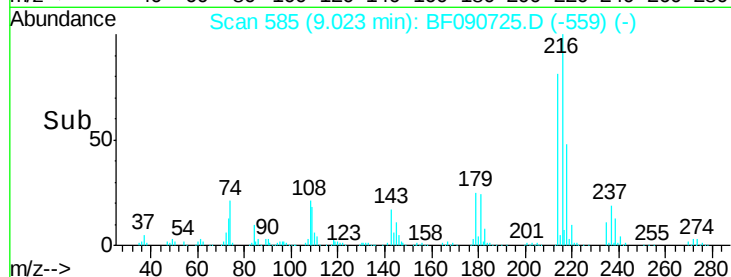
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		612364		
214	79.7		63.5	95.3	
179	22.9		16.6	24.8	
108	22.6		16.3	24.5	

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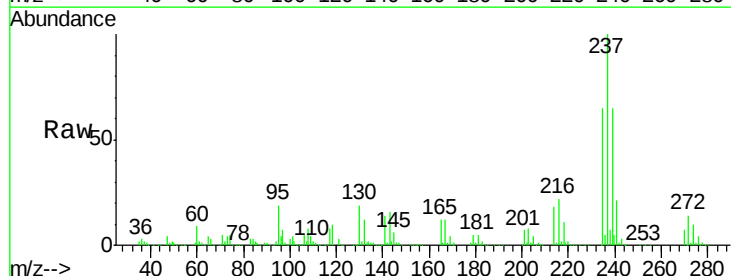


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

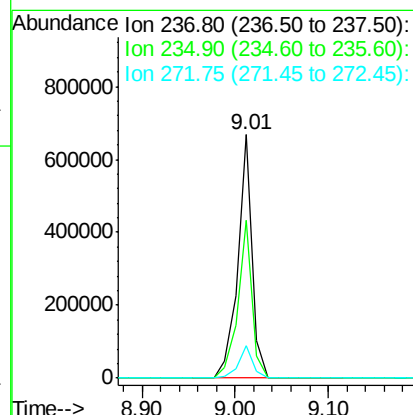
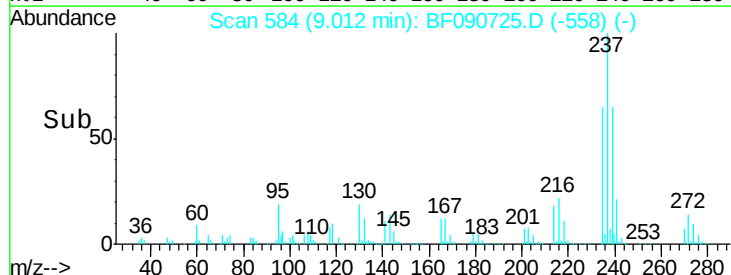


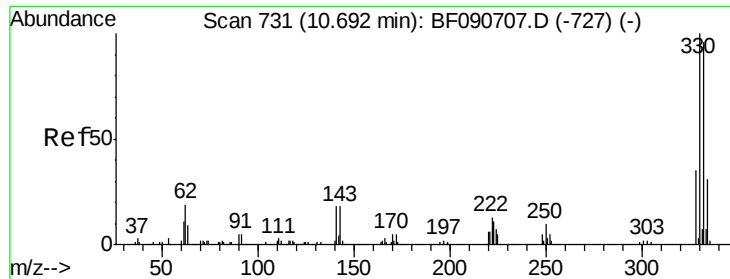
#40
 Hexachlorocyclopentadiene
 Concen: 90.27 ng
 RT: 9.01 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		718926		
235	64.8		42.0	82.0	
272	13.6		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





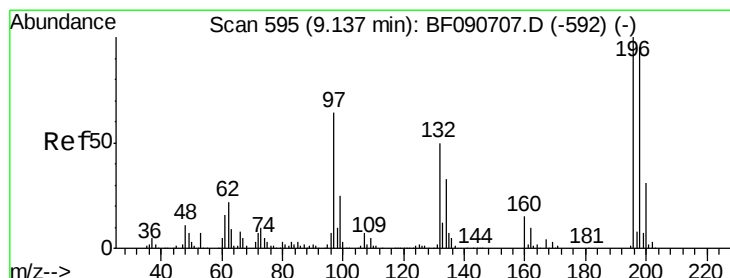
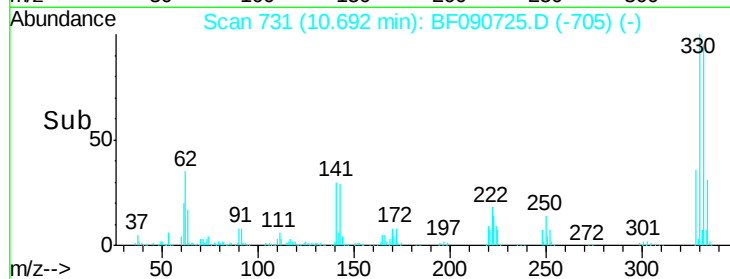
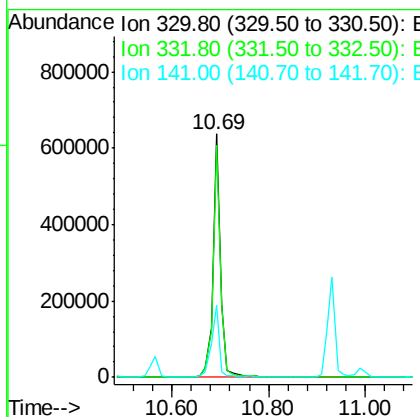
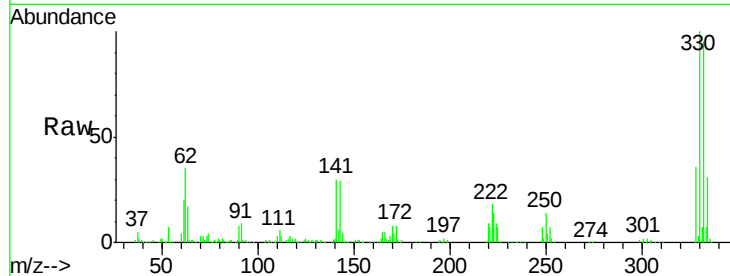
#41
 2,4,6-Tribromophenol
 Concen: 144.27 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	30.5	29.7	44.5

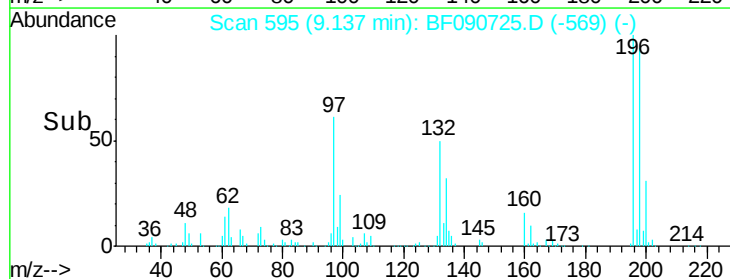
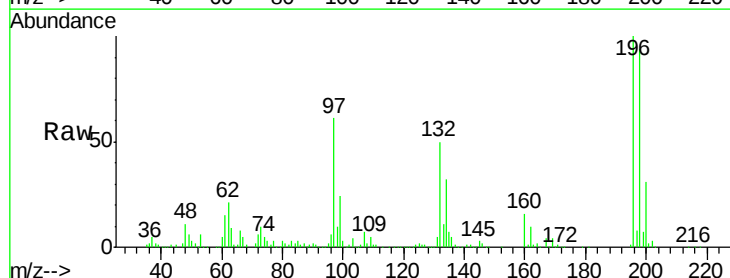
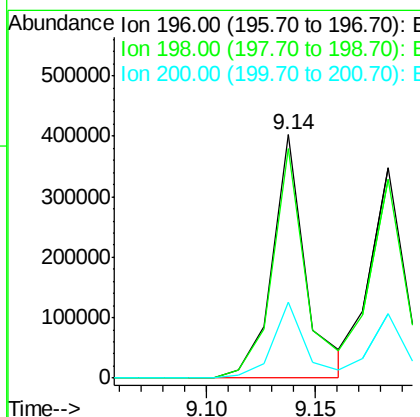
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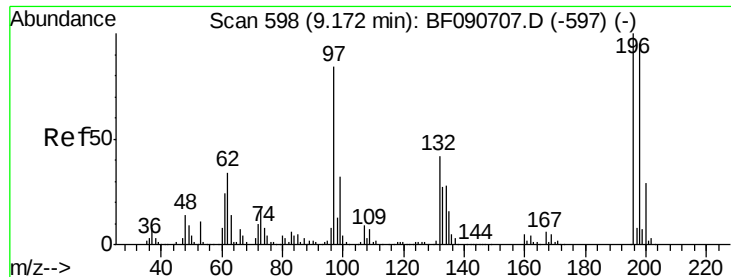
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#42
 2,4,6-Trichlorophenol
 Concen: 40.97 ng
 RT: 9.14 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
200	31.2	23.9	35.9





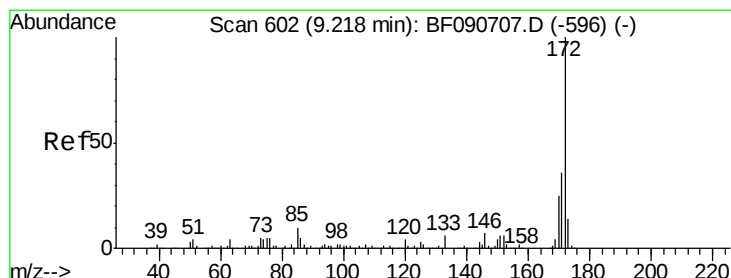
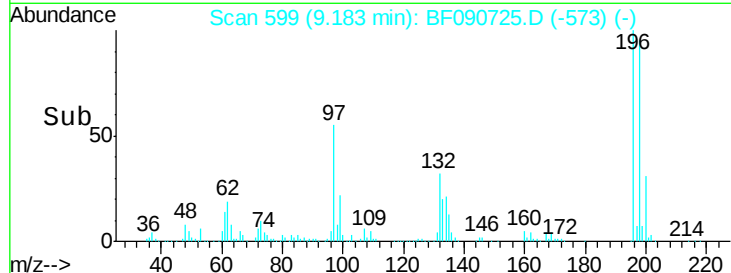
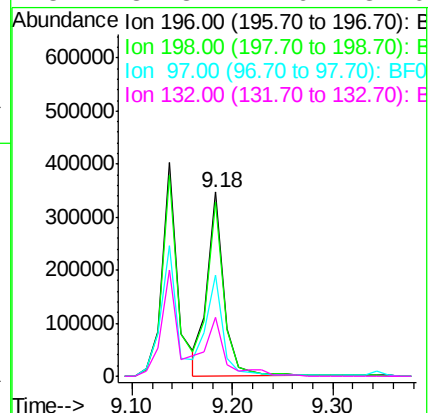
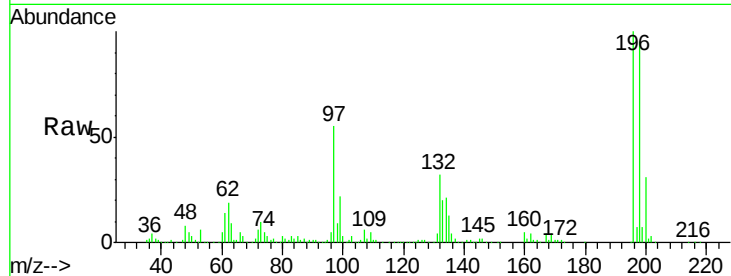
#43
 2,4,5-Trichlorophenol
 Concen: 37.63 ng
 RT: 9.18 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		401800		
198	94.9	75.4	113.0		
97	54.8	33.3	49.9		
132	32.3	24.6	37.0		

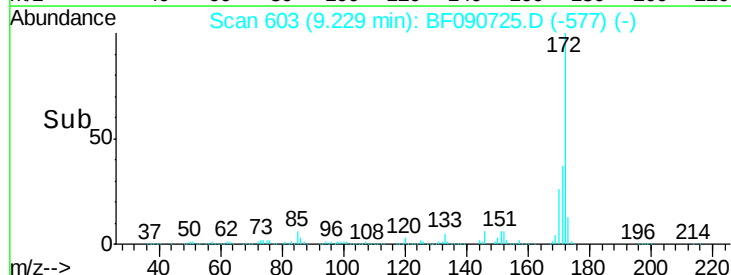
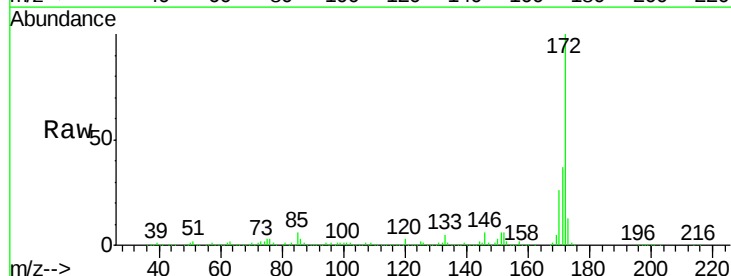
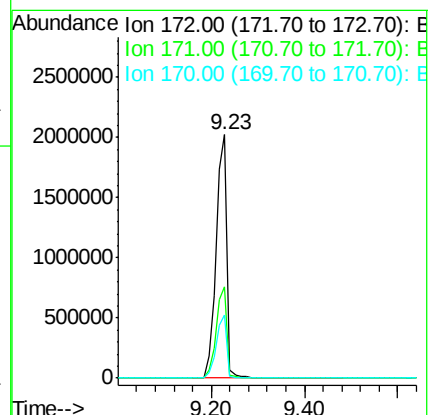
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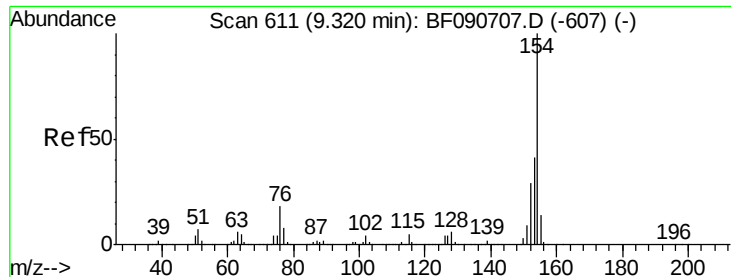
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#44
 2-Fluorobiphenyl
 Concen: 81.60 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		3302656		
171	37.3	26.1	39.1		
170	25.7	17.4	26.2		





#45

1,1'-Biphenyl

Concen: 32.28 ng

RT: 9.32 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion:154 Resp: 1592768

Ion Ratio Lower Upper

154 100

153 41.9 17.1 57.1

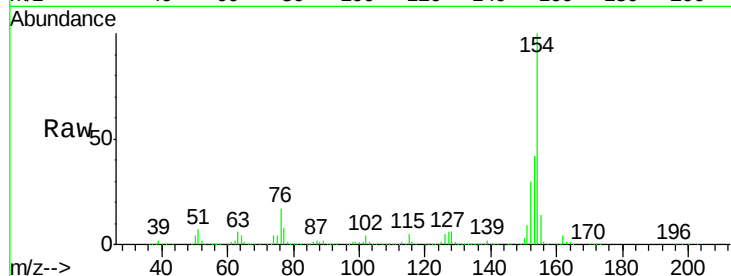
76 16.9 0.0 31.6

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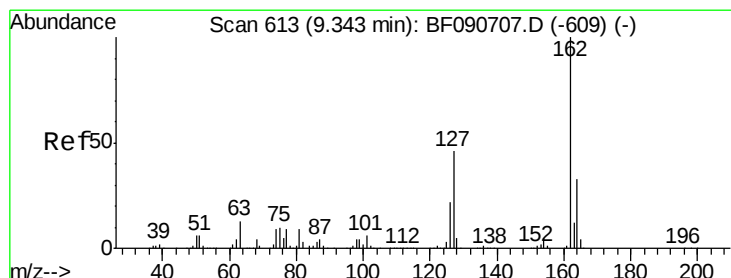
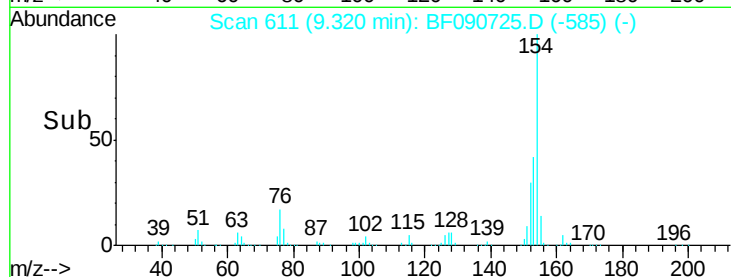
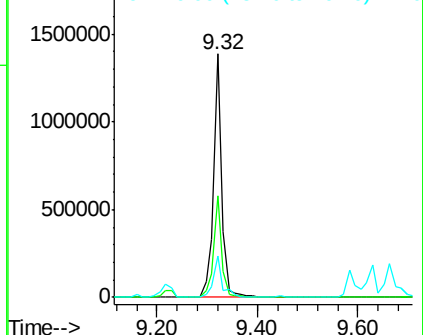
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.97 ng

RT: 9.34 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

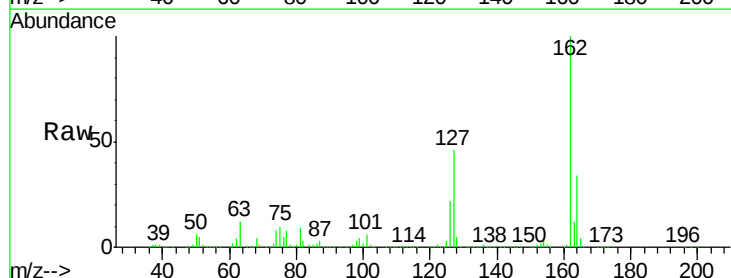
Tgt Ion:162 Resp: 1282621

Ion Ratio Lower Upper

162 100

127 45.6 27.6 41.4#

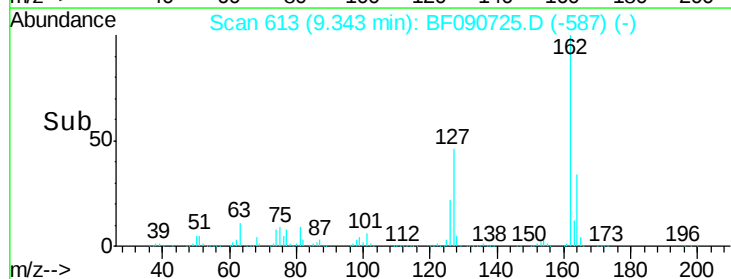
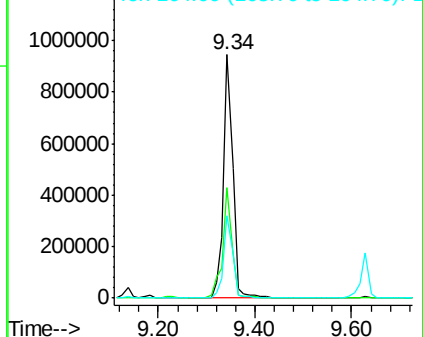
164 33.7 25.4 38.2

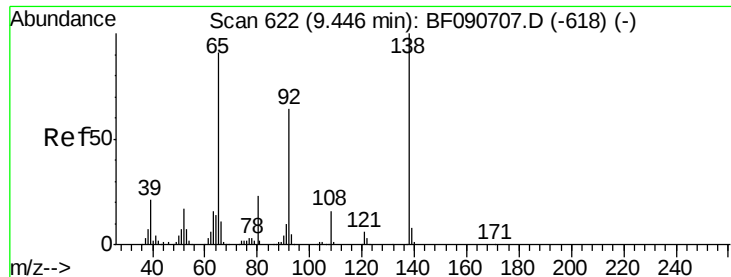


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





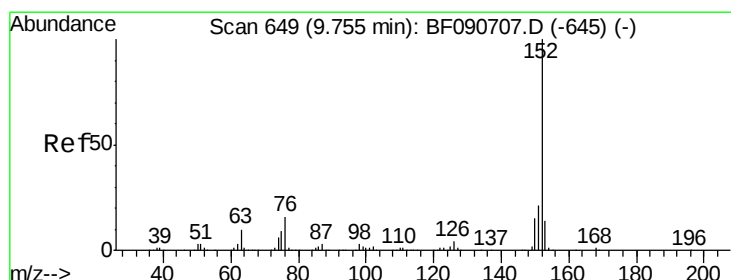
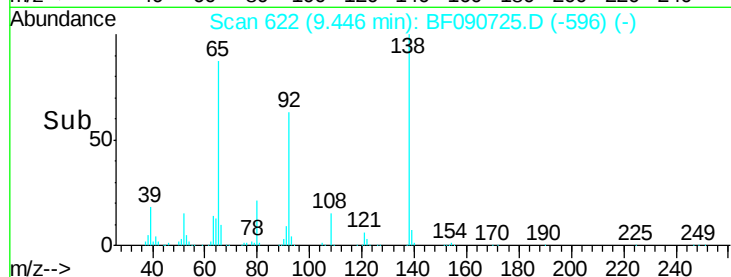
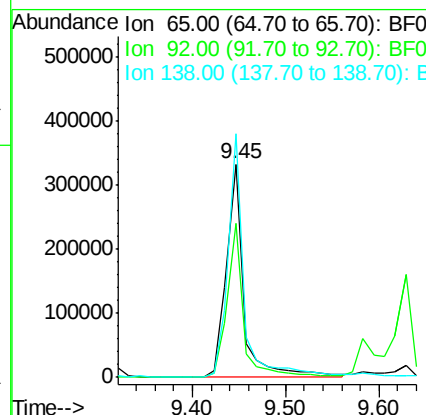
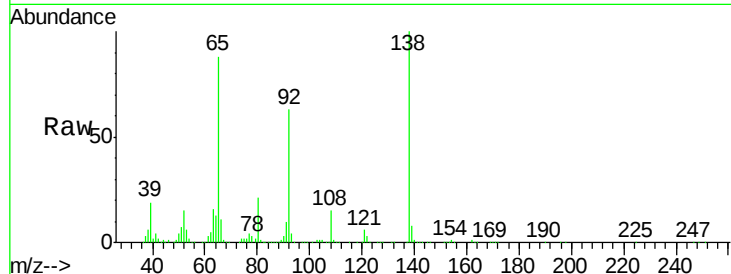
#47
2-Nitroaniline
Concen: 35.29 ng
RT: 9.45 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.0	55.4	83.0
138	114.0	115.5	173.3

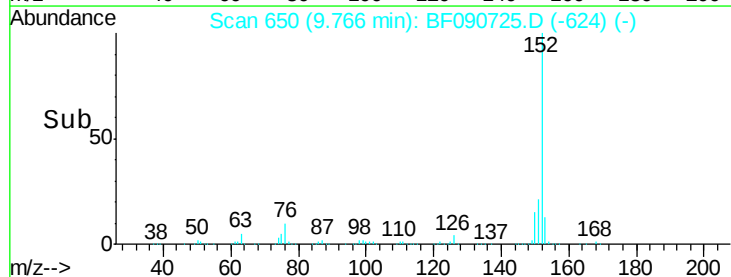
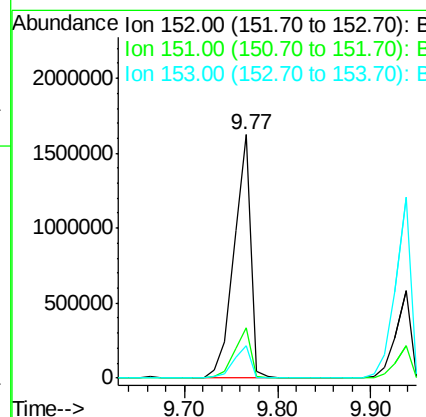
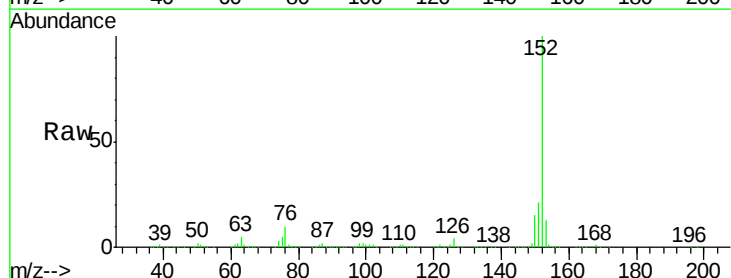
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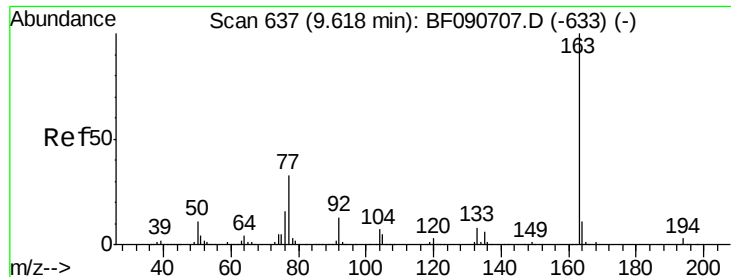
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#48
Acenaphthylene
Concen: 36.42 ng
RT: 9.77 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	14.6	22.0
153	13.5	10.3	15.5





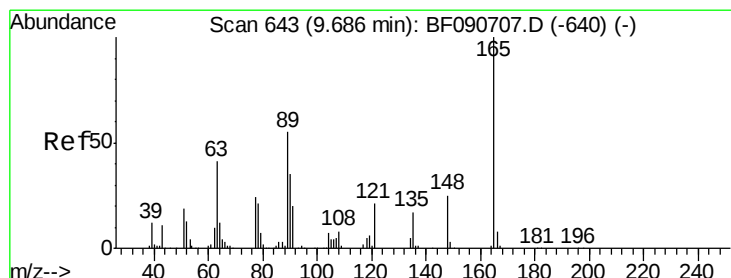
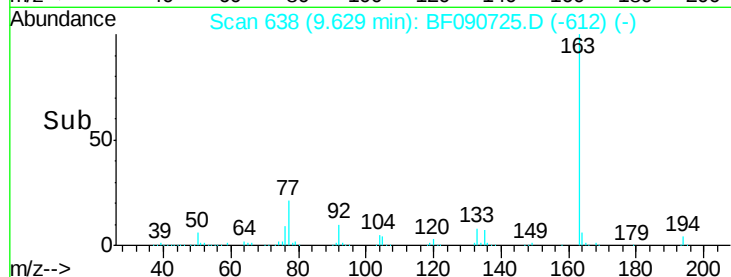
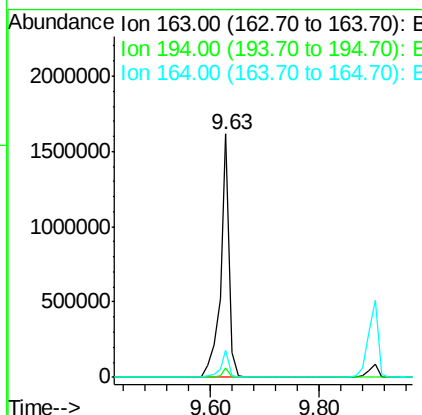
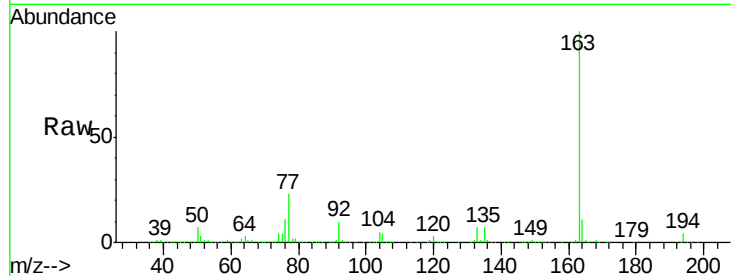
#49
Dimethylphthalate
Concen: 45.75 ng
RT: 9.63 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

Tot Ion:163 Resp: 1806244
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 11.0 8.3 12.5

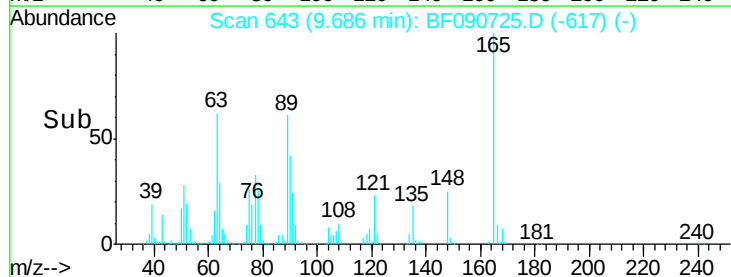
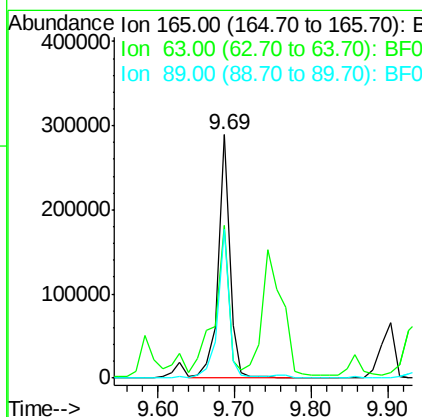
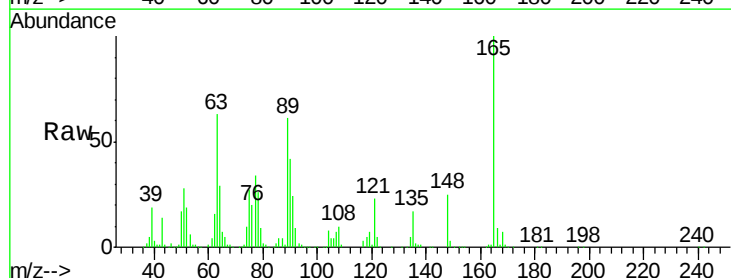
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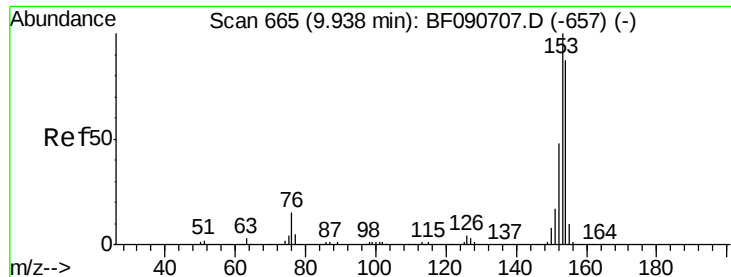
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#50
2,6-Dinitrotoluene
Concen: 36.20 ng
RT: 9.69 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion:165 Resp: 307334
Ion Ratio Lower Upper
165 100
63 62.6 32.3 48.5#
89 61.3 28.6 43.0#





#51

Acenaphthene

Concen: 36.23 ng

RT: 9.94 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion:154 Resp: 1345904

Ion Ratio Lower Upper

154 100

153 113.8 82.1 123.1

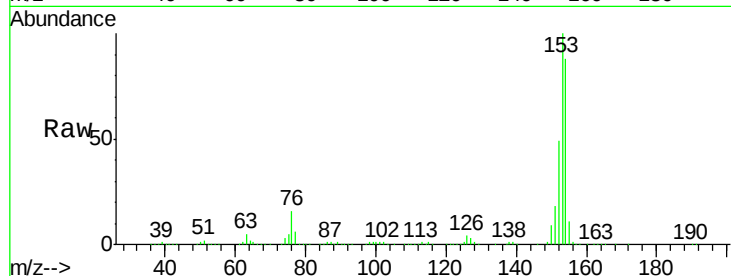
152 55.4 37.9 56.9

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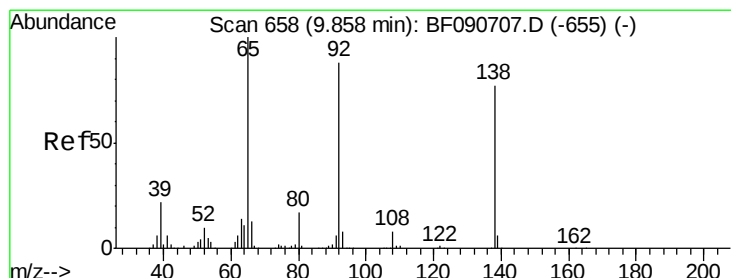
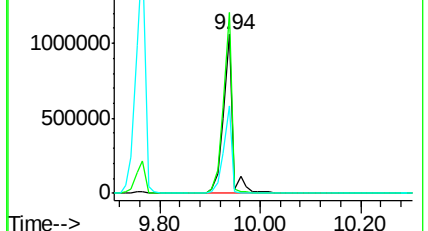
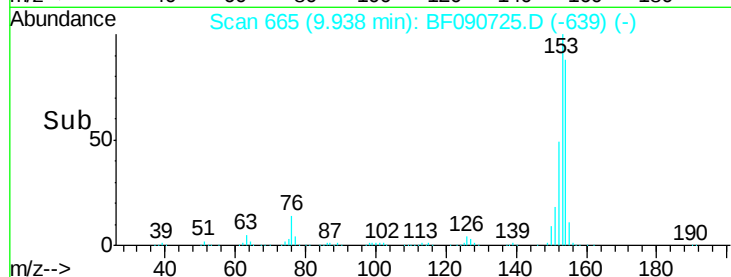
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.39 ng

RT: 9.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

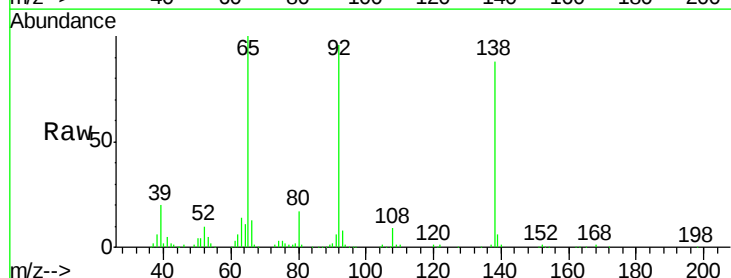
Tgt Ion:138 Resp: 228293

Ion Ratio Lower Upper

138 100

108 9.8 5.7 8.5#

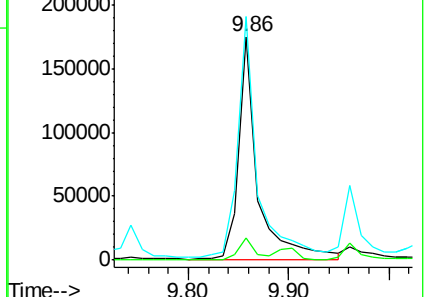
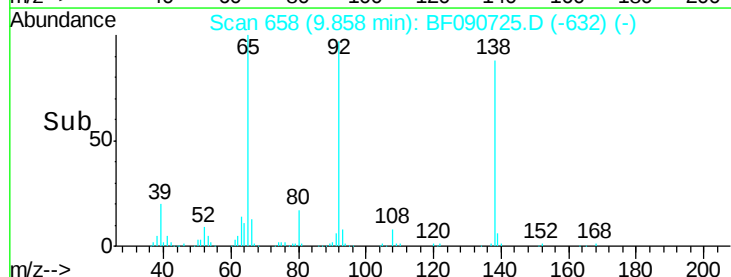
92 109.1 67.7 101.5#

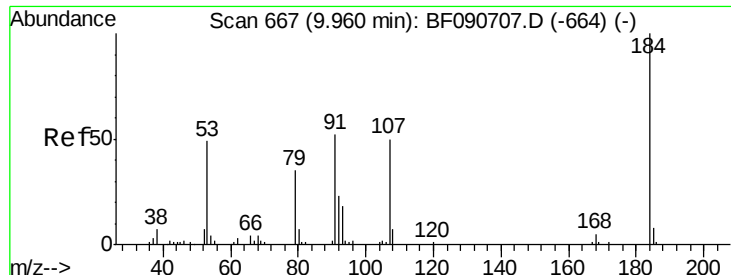


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





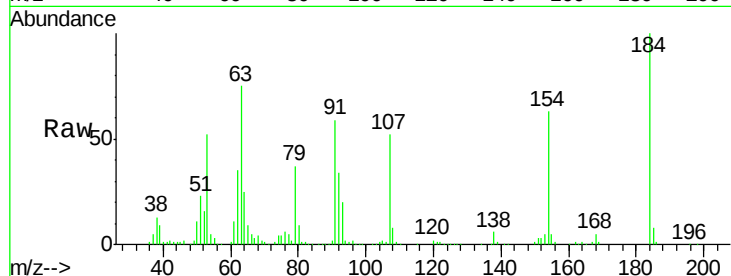
#53
2,4-Dinitrophenol
Concen: 48.62 ng/ml
RT: 9.96 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

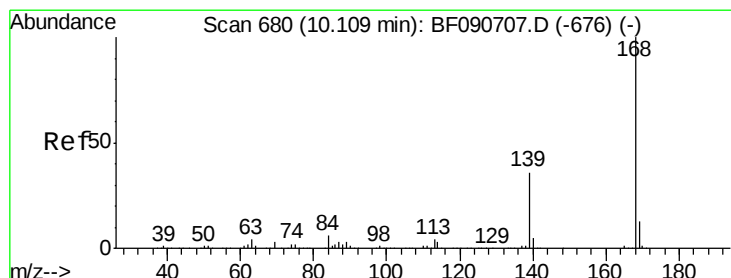
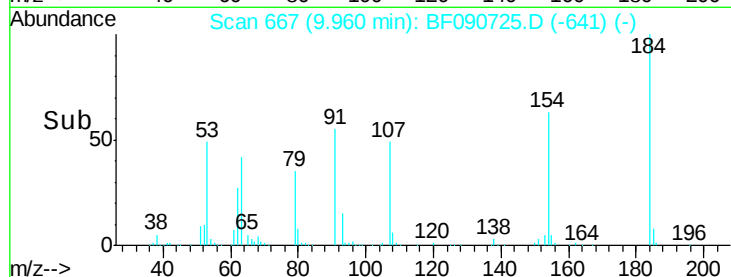
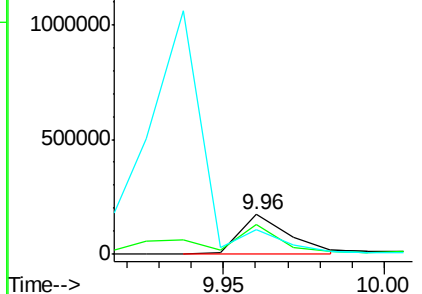
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	74.8	35.4	53.2#	
154	63.2	32.2	48.4#	

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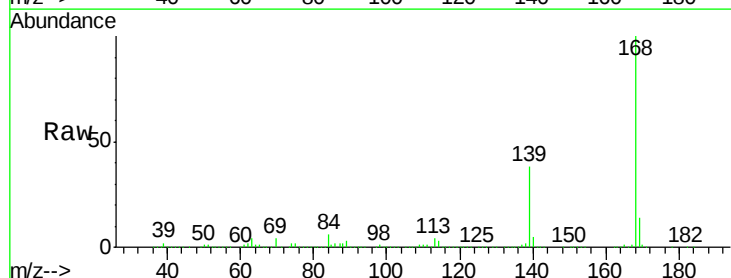


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

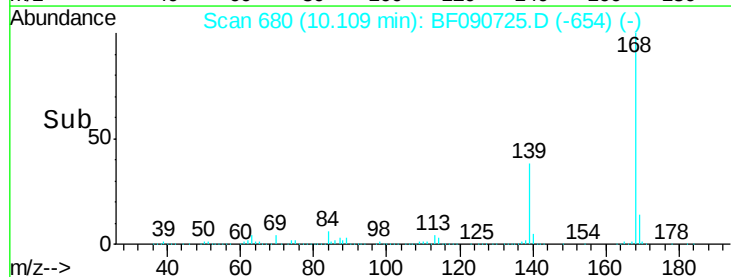
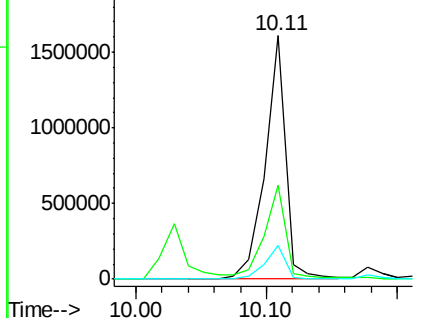


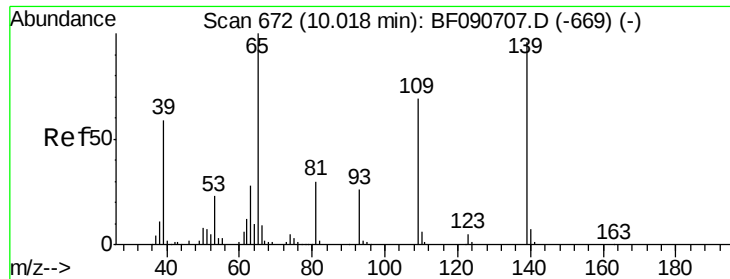
#54
Dibenzofuran
Concen: 39.23 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.4	24.2	36.2#	
169	13.9	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: 76.05 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

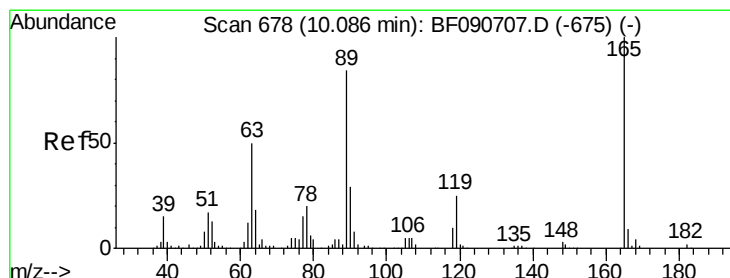
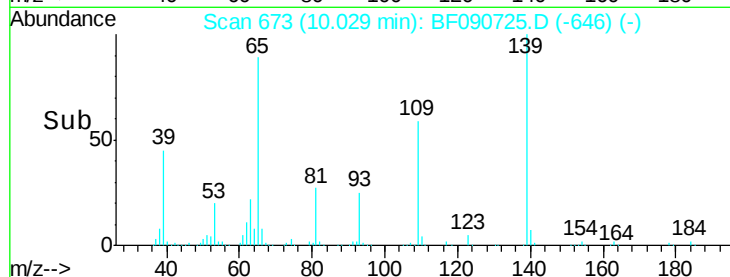
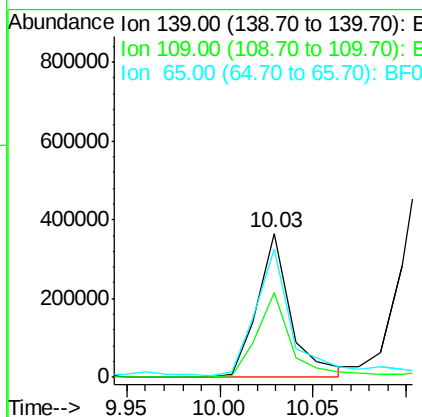
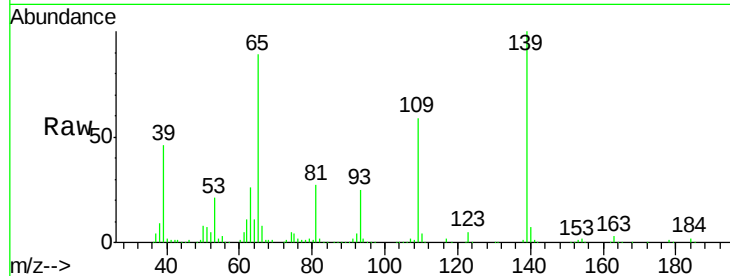
ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion:	139	Resp:	454044
Ion Ratio	Lower	Upper	
139	100		
109	58.8	12.7	52.7#
65	89.2	45.9	85.9#

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#56

2,4-Dinitrotoluene

Concen: 40.93 ng

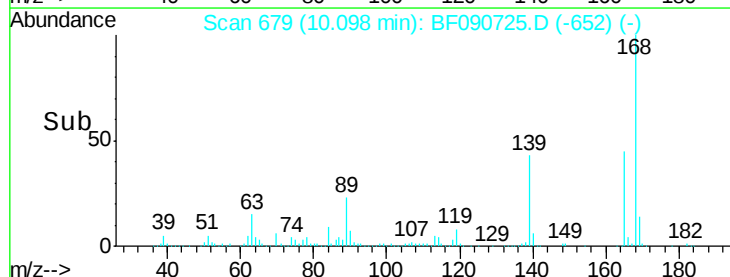
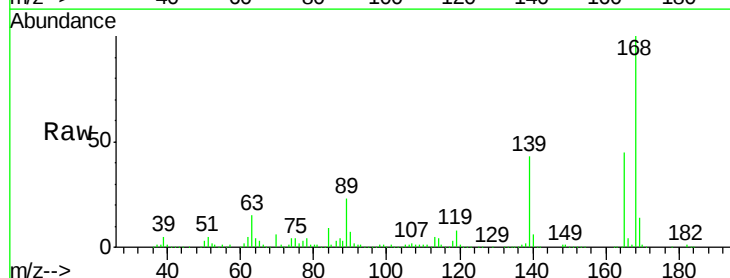
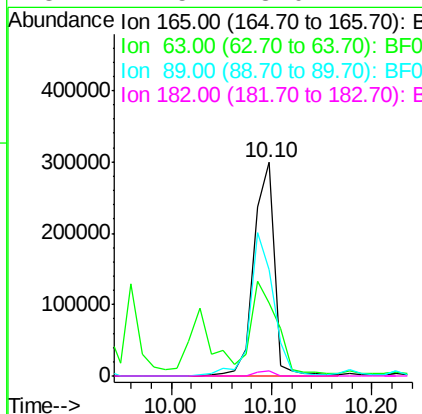
RT: 10.10 min Scan# 679

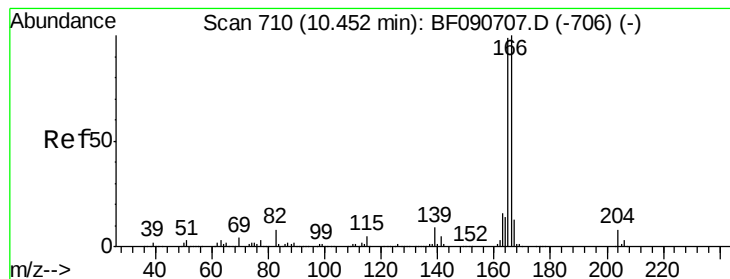
Delta R.T. 0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion:	165	Resp:	424699
Ion Ratio	Lower	Upper	
165	100		
63	34.1	29.8	44.6
89	50.1	44.5	66.7
182	2.5	3.0	4.4#





#57

Fluorene

Concen: 36.75 ng

RT: 10.45 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion:166 Resp: 1370420

Ion Ratio Lower Upper

166 100

165 99.2 72.6 109.0

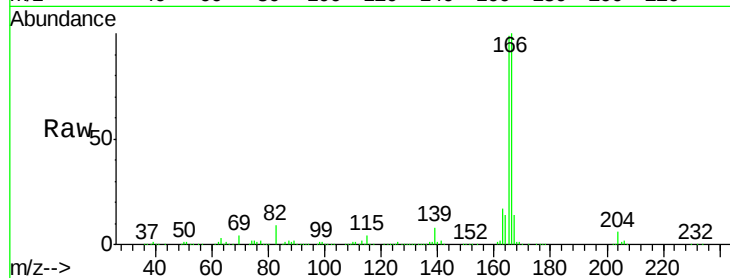
167 13.5 10.6 16.0

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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

1500000

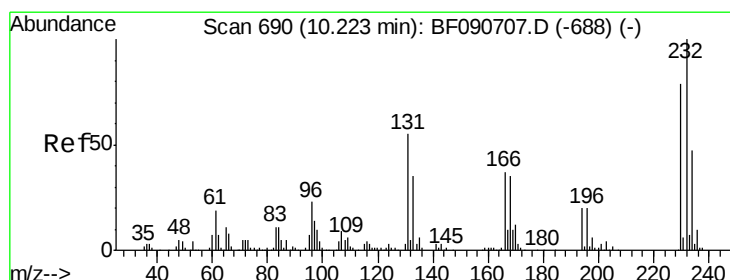
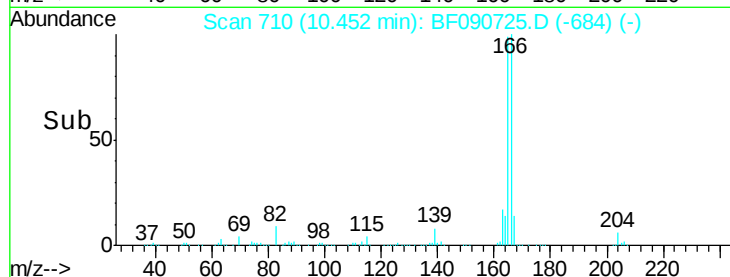
1000000

500000

0

10.45

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.87 ng

RT: 10.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion:232 Resp: 350820

Ion Ratio Lower Upper

232 100

131 48.3 38.5 57.7

130 2.1 1.8 2.6

166 32.3 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

1500000

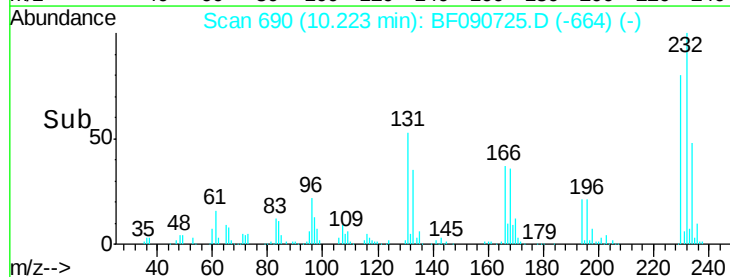
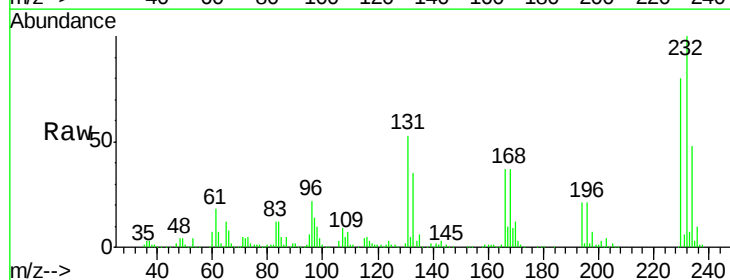
1000000

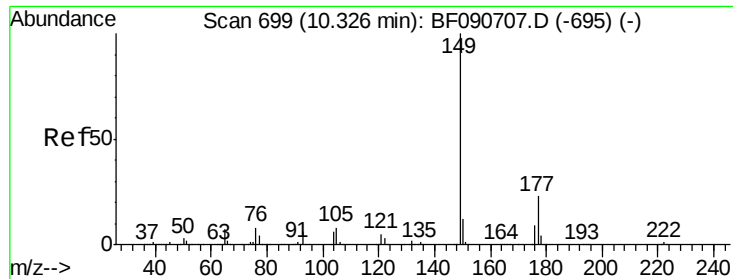
500000

0

10.22

Time-->





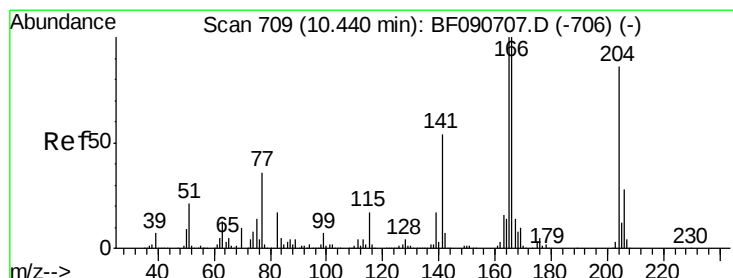
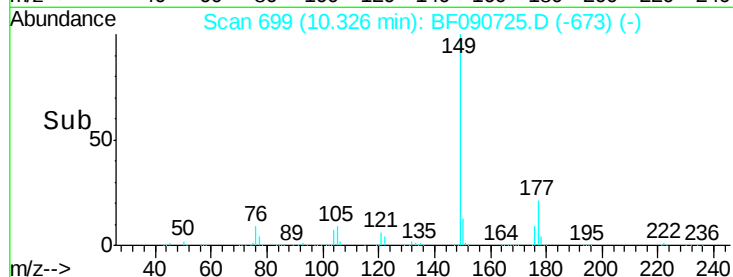
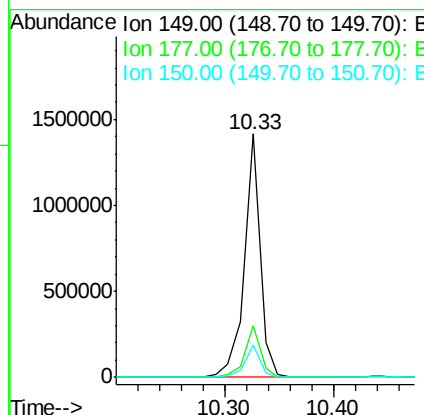
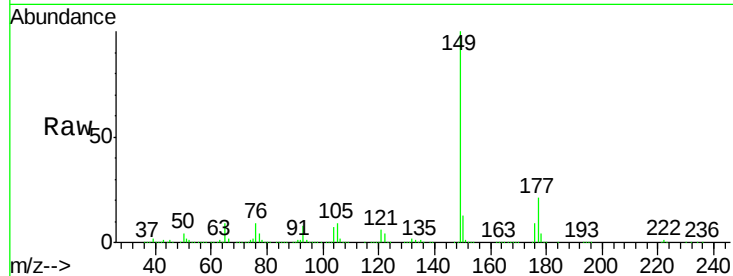
#59
Diethylphthalate
Concen: 34.58 ng
RT: 10.33 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

Tot Ion:149 Resp: 1415814
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 13.1 9.4 14.2

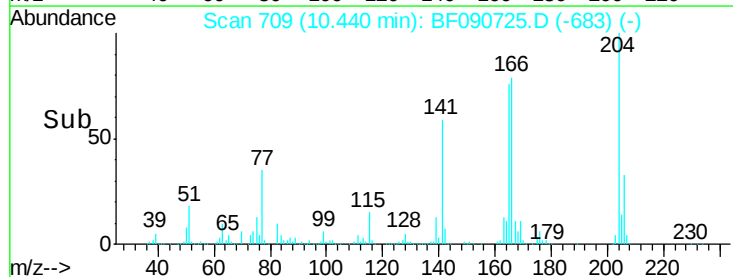
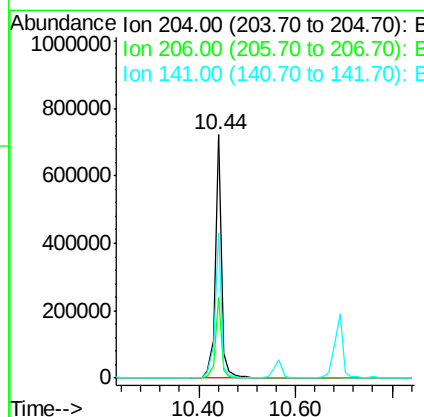
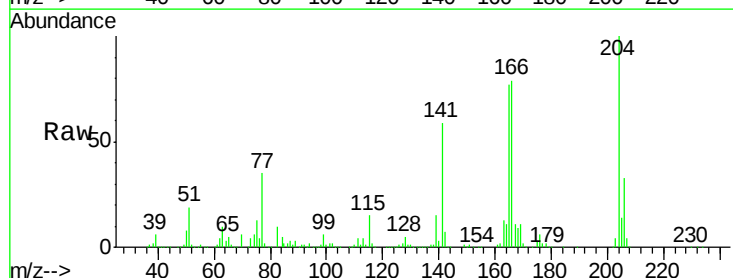
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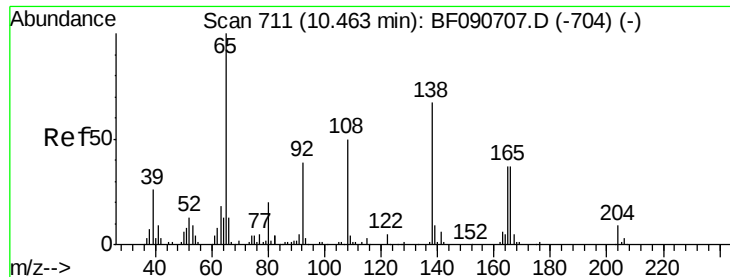
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#60
4-Chlorophenyl-phenylether
Concen: 39.29 ng
RT: 10.44 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion:204 Resp: 669620
Ion Ratio Lower Upper
204 100
206 33.3 24.8 37.2
141 59.3 42.2 63.4





#61

4-Nitroaniline

Concen: 32.49 ng

RT: 10.47 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion: 138 Resp: 321157
Ion Ratio Lower Upper

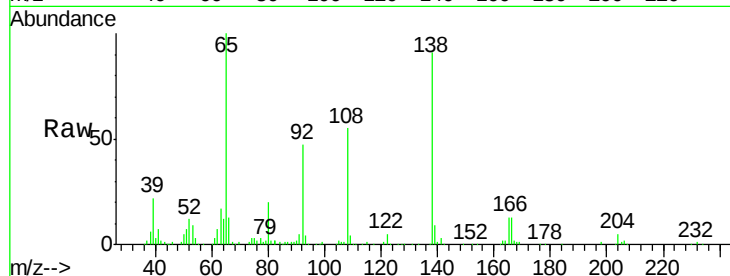
138 100

92 51.7 12.6 52.6

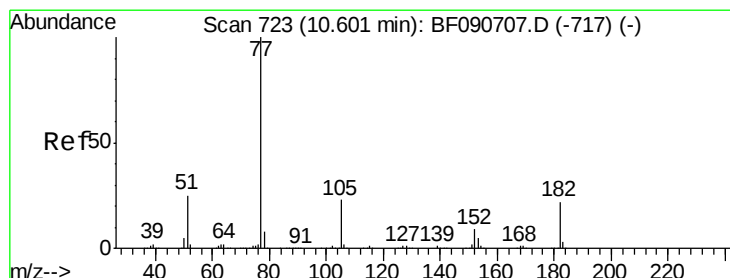
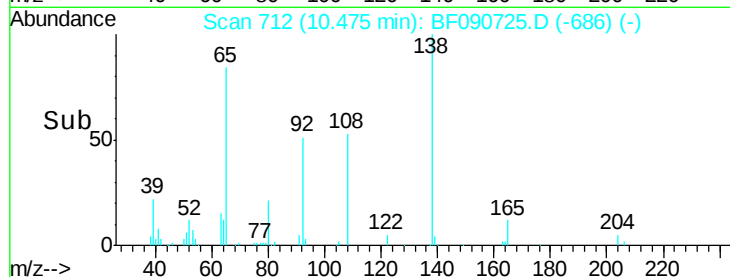
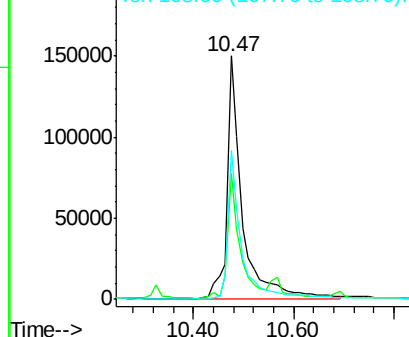
108 61.0 12.4 52.4#

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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: 30.32 ng

RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion: 77 Resp: 1453828
Ion Ratio Lower Upper

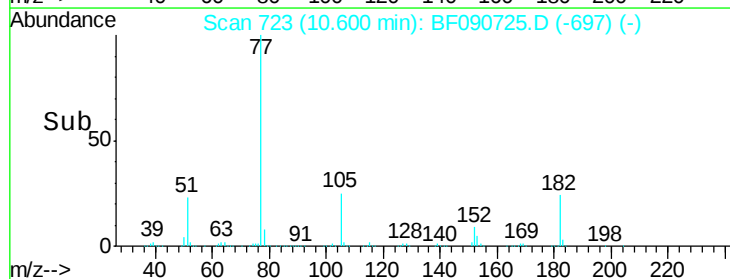
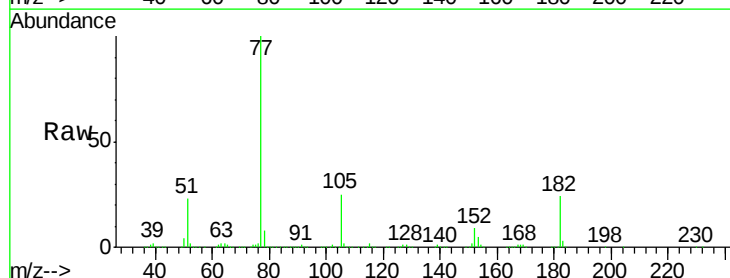
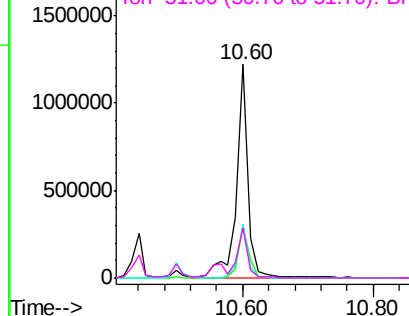
77 100

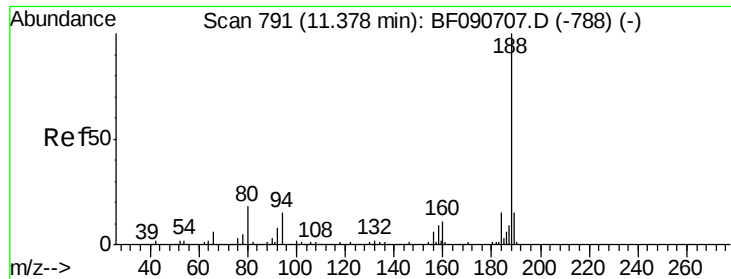
182 24.0 15.1 55.1

105 25.5 3.4 43.4

51 23.2 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





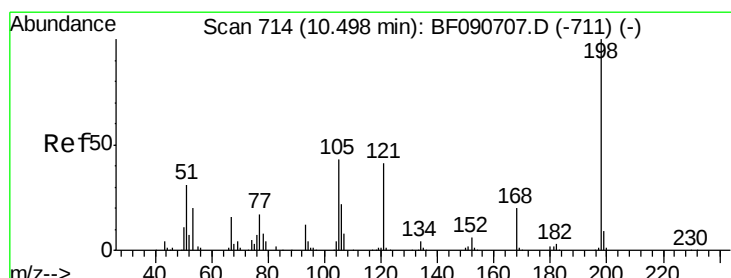
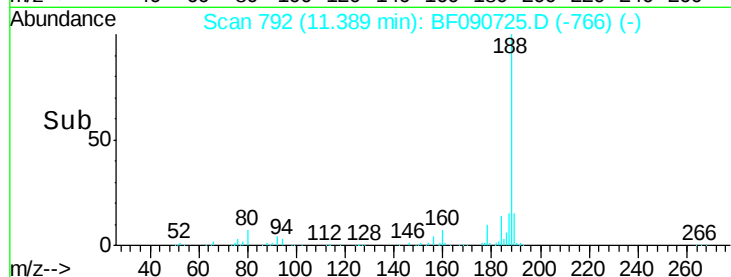
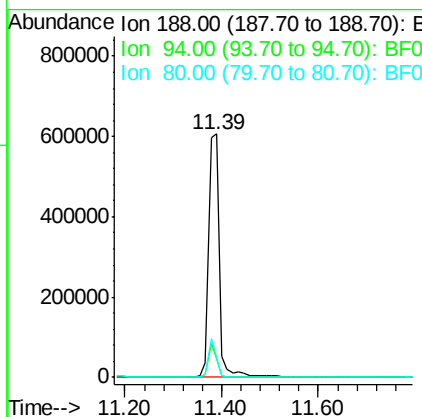
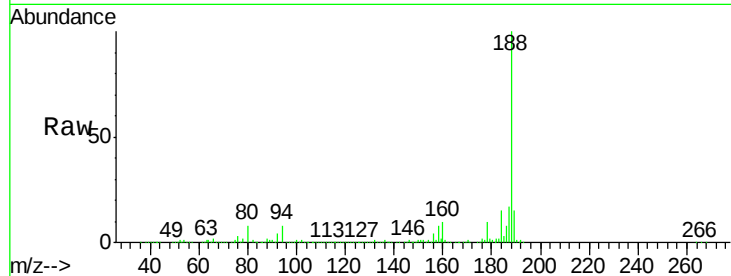
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	951901		
94	7.8	11.1	16.7#	
80	8.0	11.0	16.4#	

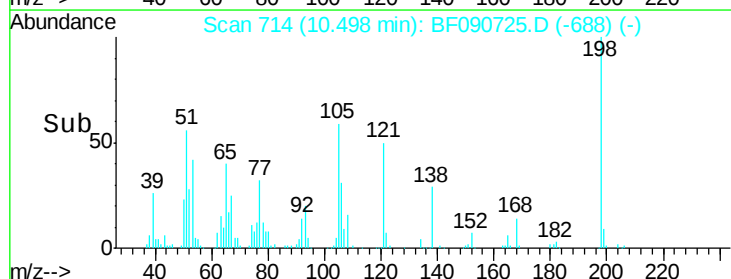
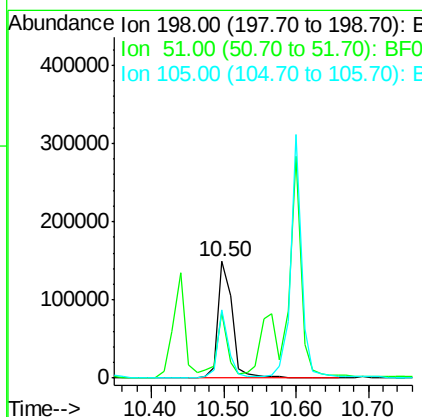
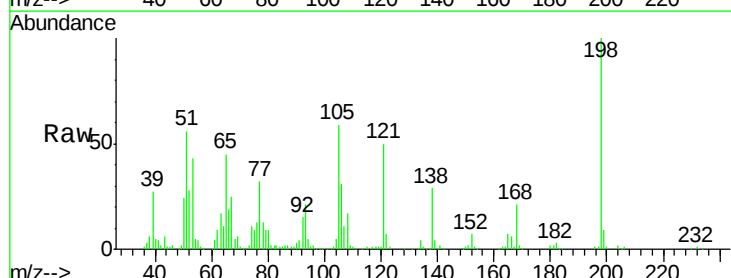
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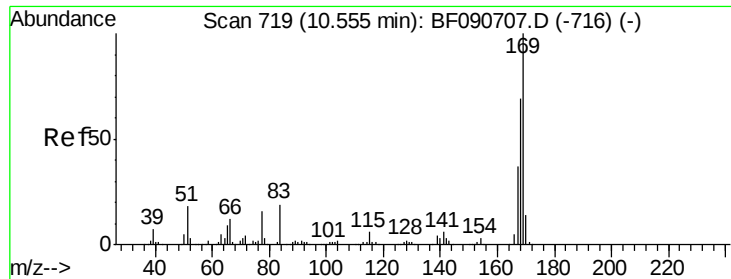
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.38 ng
RT: 10.50 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	207690		
51	56.3	39.6	79.6	
105	58.9	28.5	68.5	





#65

n-Nitrosodiphenylamine

Concen: 39.23 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion:169 Resp: 1196274

Ion Ratio Lower Upper

169 100

168 68.5 48.9 73.3

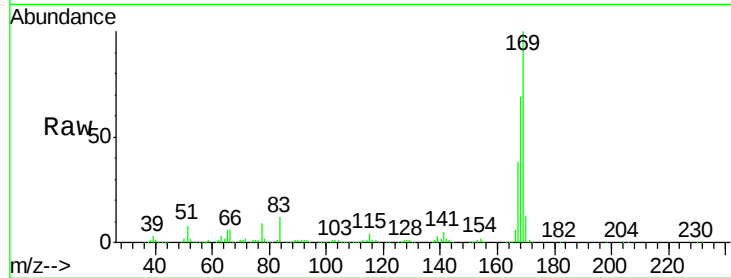
167 38.4 26.2 39.4

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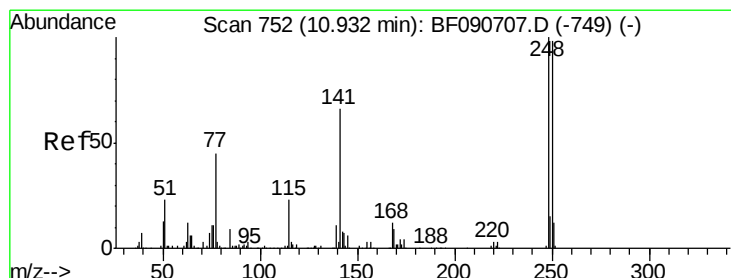
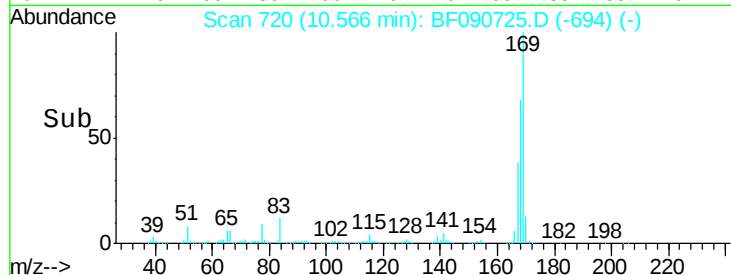
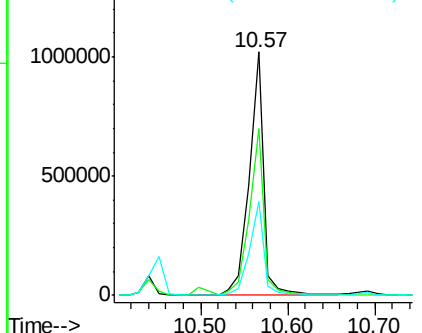
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.96 ng

RT: 10.93 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

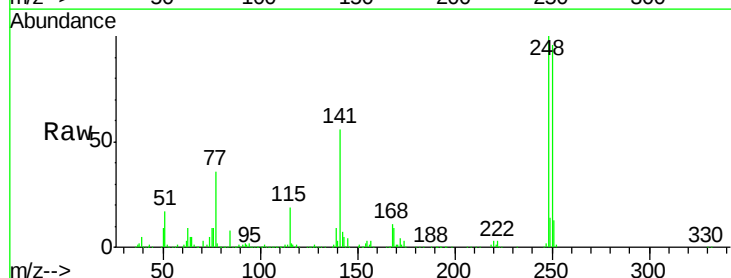
Tgt Ion:248 Resp: 424144

Ion Ratio Lower Upper

248 100

250 96.1 78.5 117.7

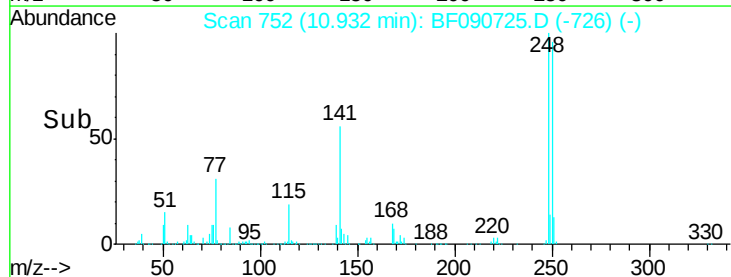
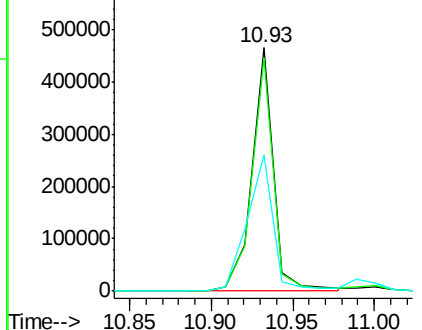
141 56.1 59.0 88.6#

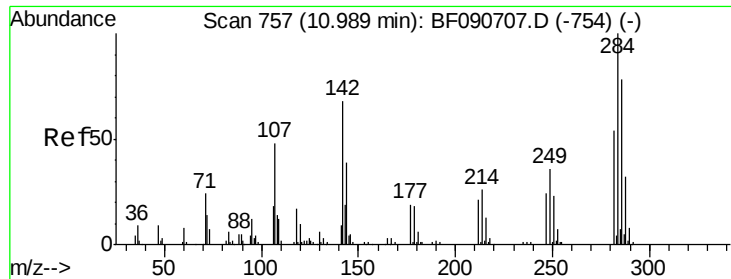


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.05 ng

RT: 11.00 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

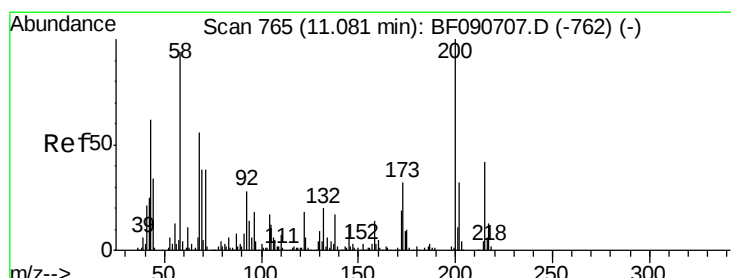
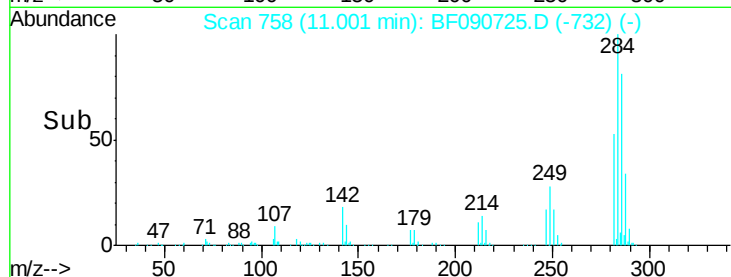
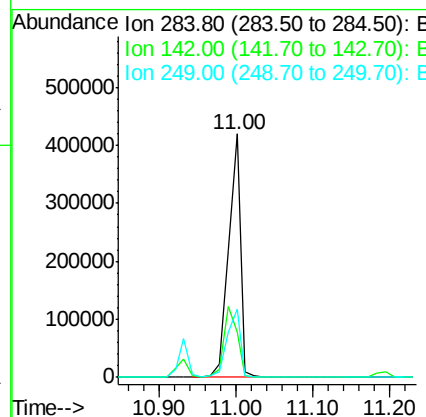
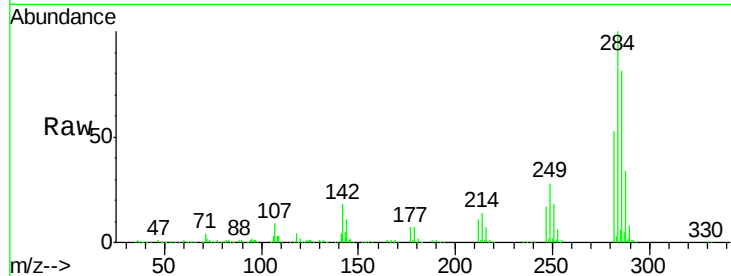
ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	468842		
142	18.4	29.5	44.3#	
249	28.2	19.5	29.3	

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#68

Atrazine

Concen: 43.04 ng

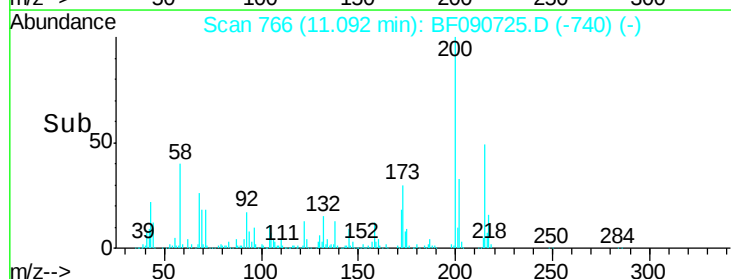
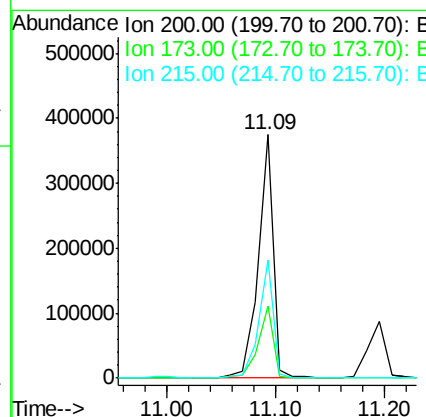
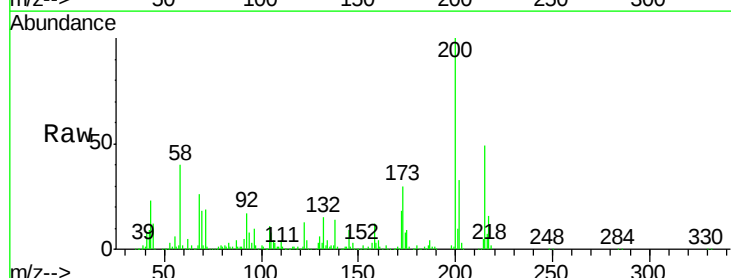
RT: 11.09 min Scan# 766

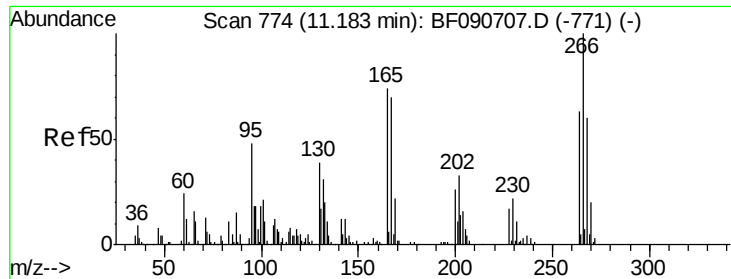
Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	362261		
173	29.7	13.2	53.2	
215	48.7	41.8	81.8	





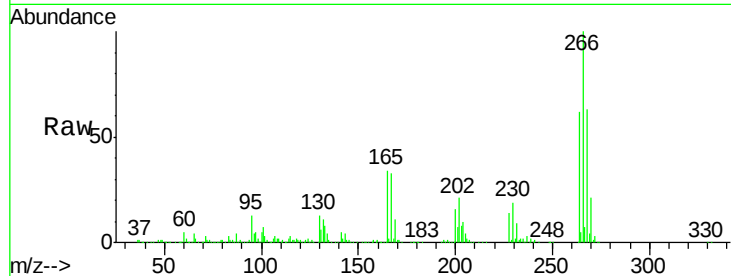
#69
 Pentachlorophenol
 Concen: 80.10 ng
 RT: 11.19 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	49.8	74.6
264	62.2	50.2	75.2

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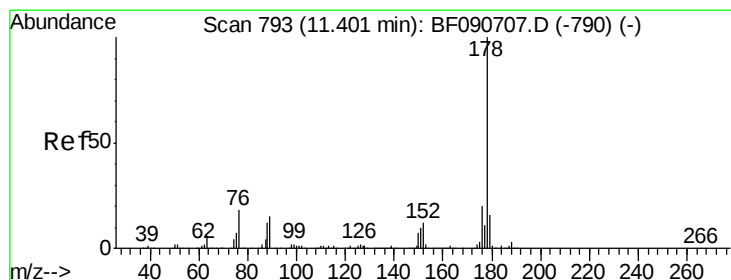
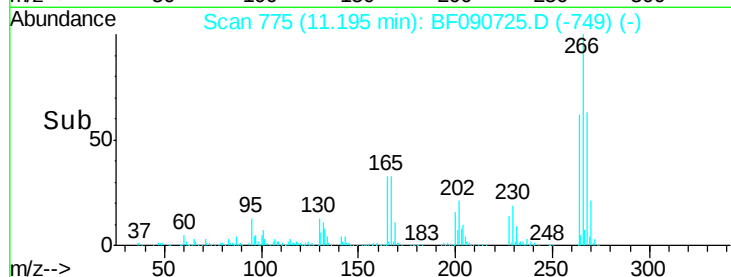
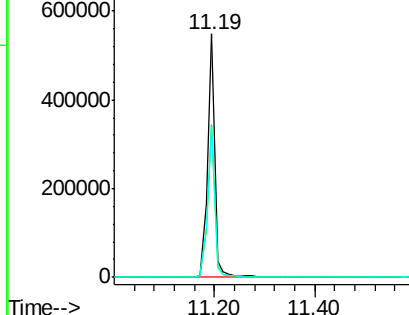


Abundance

Ion 265.70 (265.40 to 266.40): E

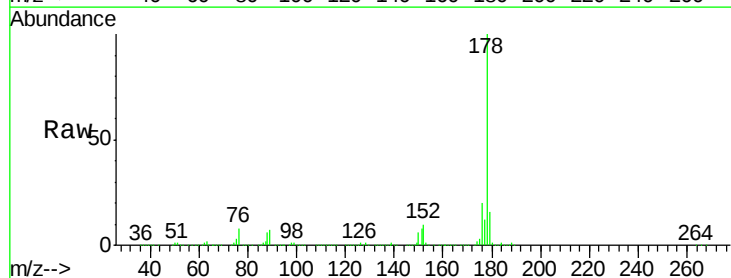
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.14 ng
 RT: 11.41 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	13.8	20.8
179	16.1	12.2	18.2

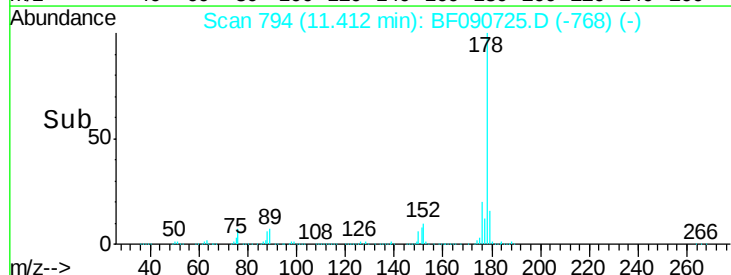
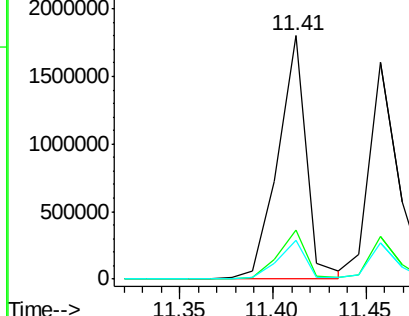


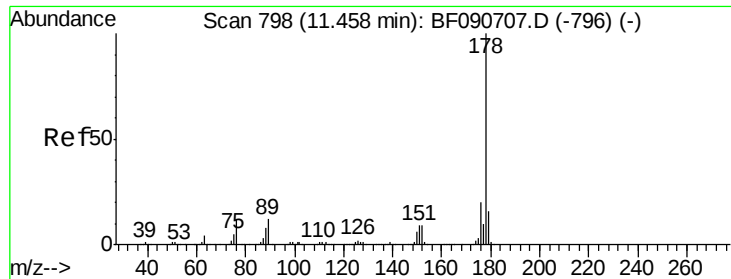
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 33.66 ng

RT: 11.46 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion:178 Resp: 1811246

Ion Ratio Lower Upper

178 100

176 19.8 14.1 21.1

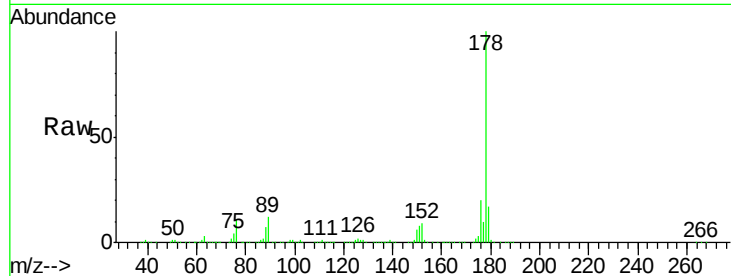
179 16.5 12.2 18.2

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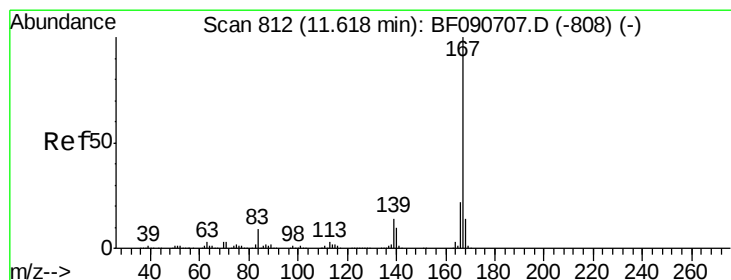
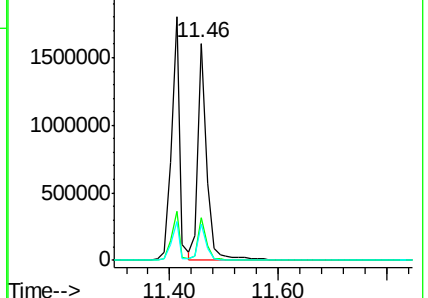
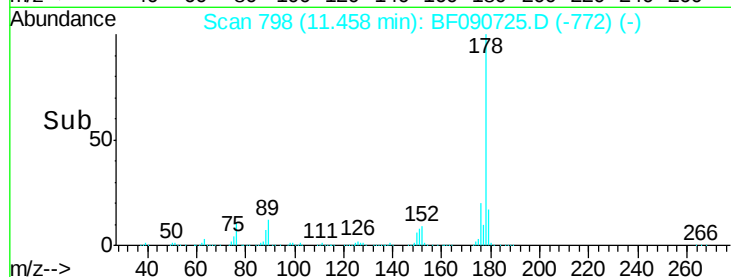
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.50 ng

RT: 11.62 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

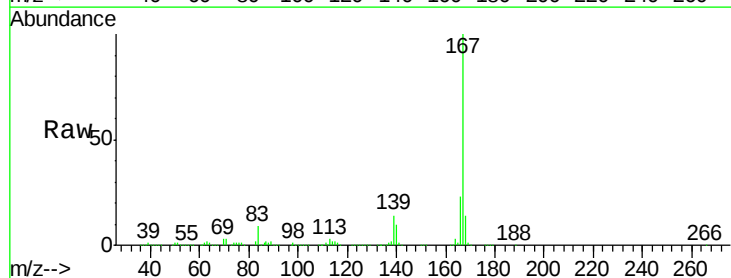
Tgt Ion:167 Resp: 1732032

Ion Ratio Lower Upper

167 100

166 23.0 15.7 23.5

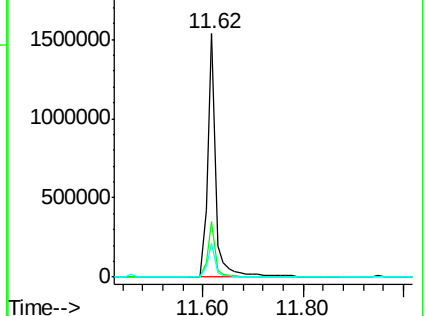
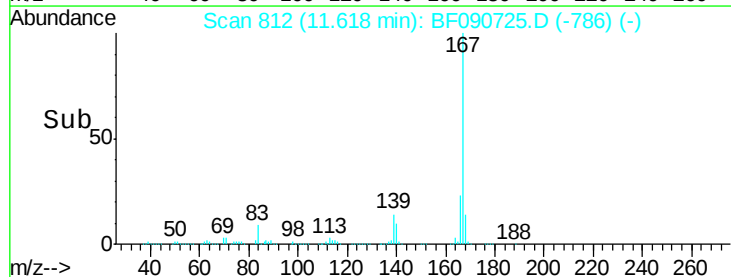
139 13.6 9.5 14.3

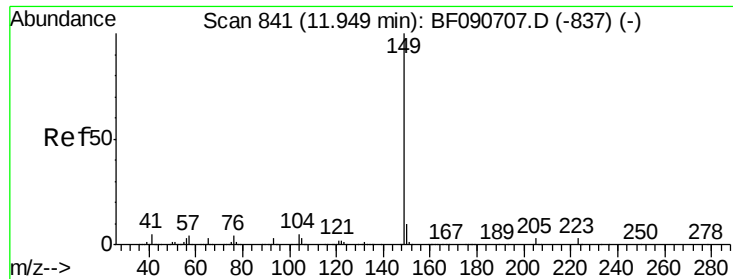


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





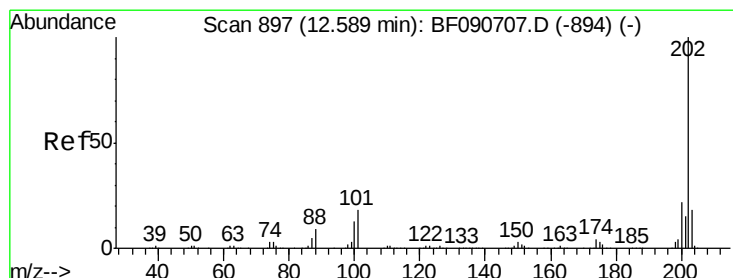
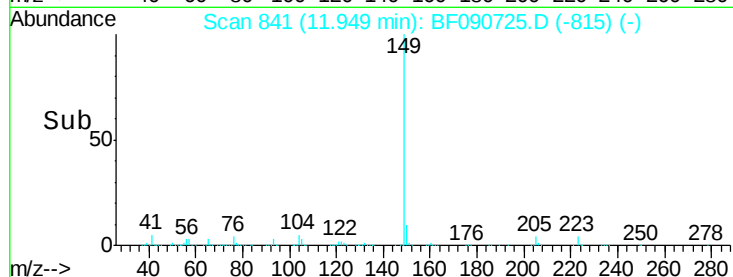
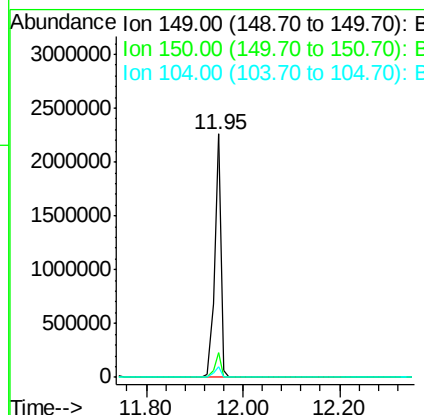
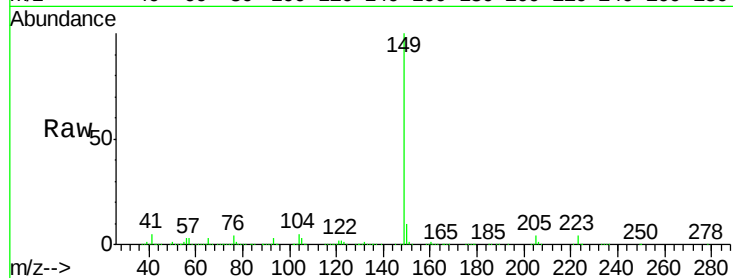
#73
Di-n-butylphthalate
Concen: 36.12 ng
RT: 11.95 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

Tot Ion:149 Resp: 2107831
Ion Ratio Lower Upper
149 100
150 10.0 7.4 11.2
104 4.6 2.4 3.6#

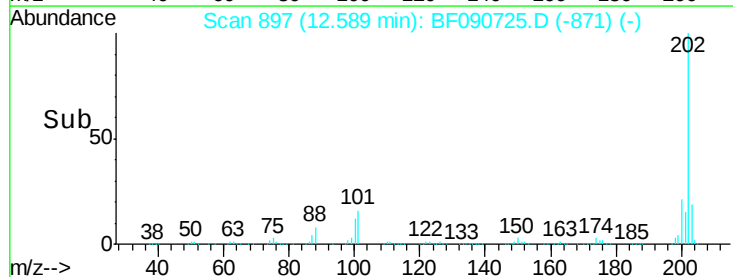
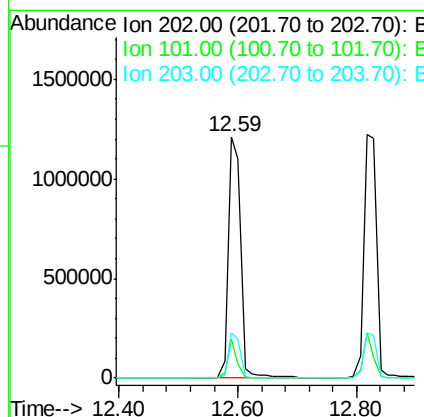
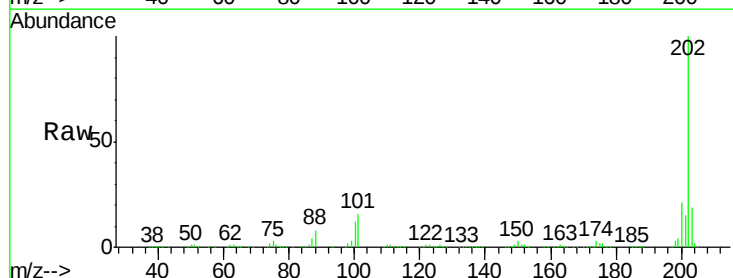
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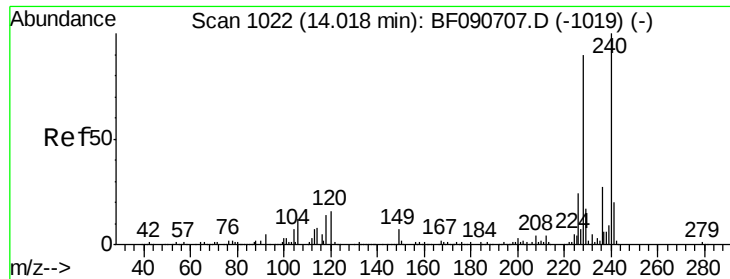
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#74
Fluoranthene
Concen: 37.42 ng
RT: 12.59 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion:202 Resp: 1756569
Ion Ratio Lower Upper
202 100
101 16.1 0.0 38.3
203 18.6 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

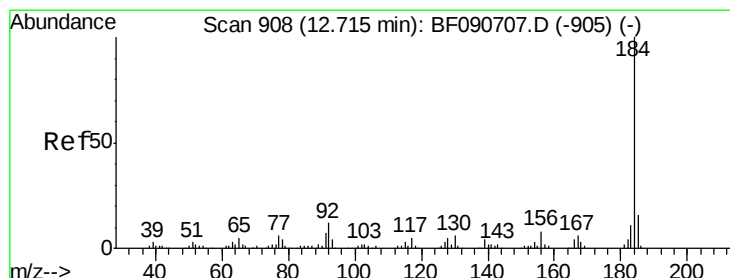
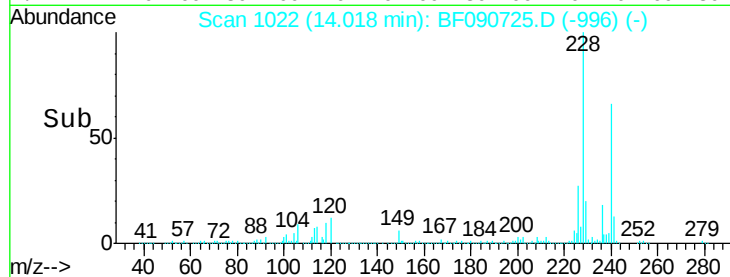
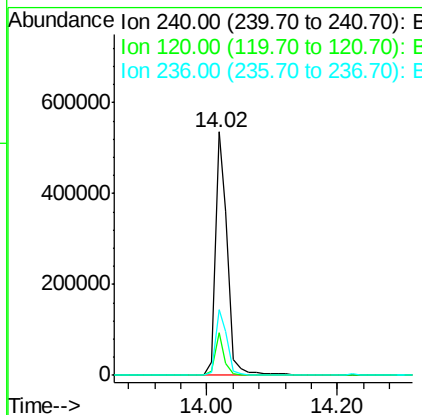
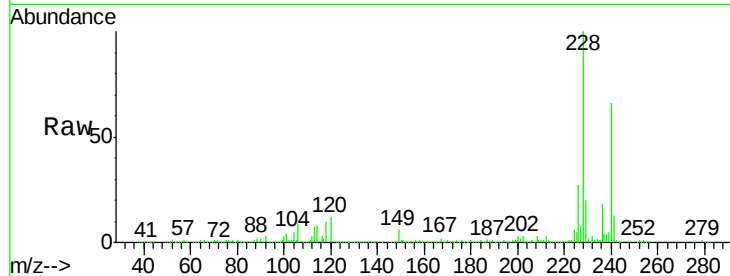
ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion:	240	Resp:	696360
Ion Ratio	Lower	Upper	
240	100		
120	17.8	16.2	24.2
236	26.7	18.4	27.6

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#76

Benzidine

Concen: 40.36 ng

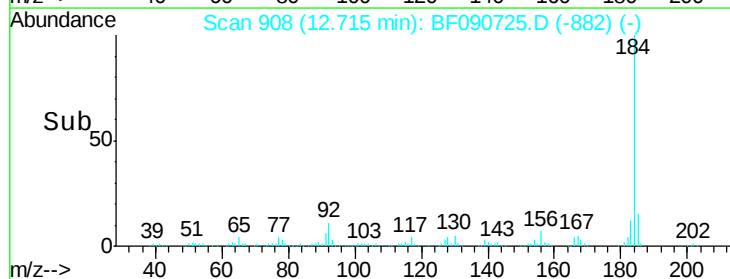
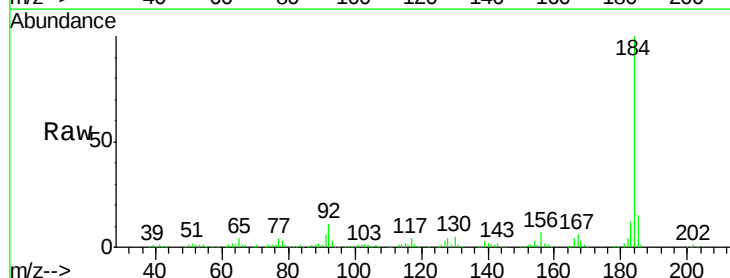
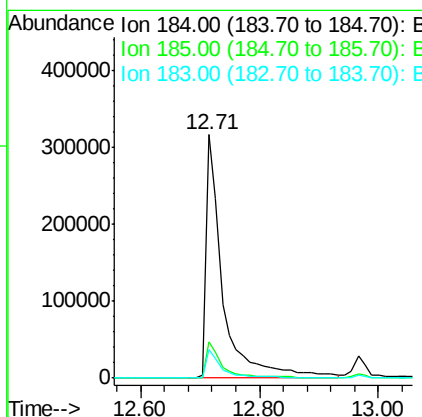
RT: 12.71 min Scan# 908

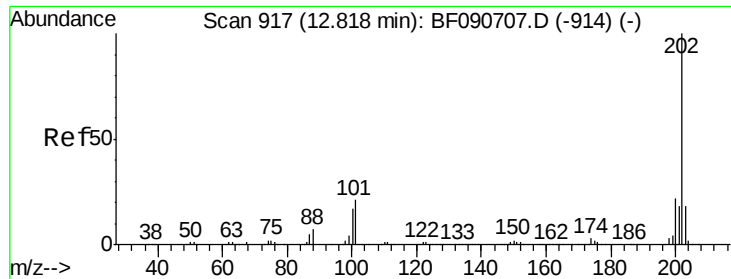
Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion:	184	Resp:	624103
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.8	17.6
183	11.7	7.6	11.4#





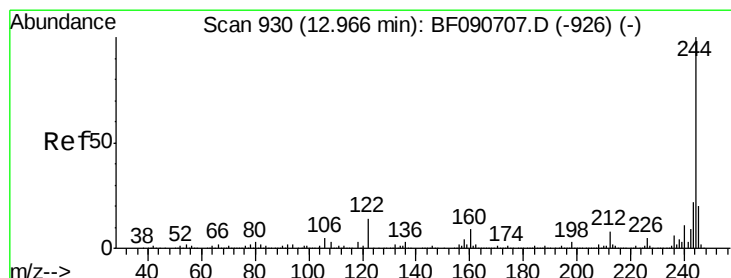
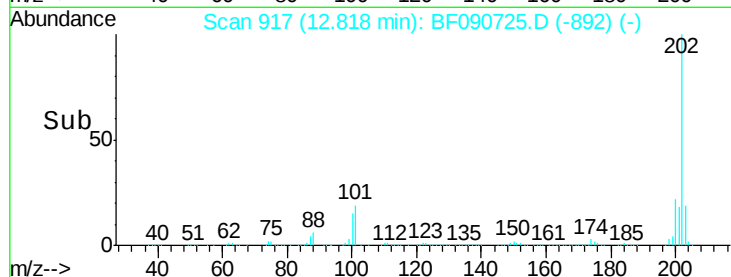
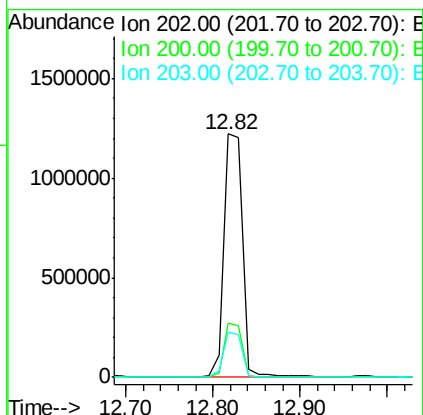
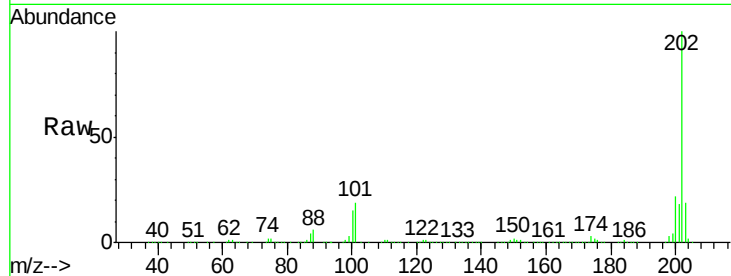
#77
Pvrene
Concen: 36.99 ng
RT: 12.82 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	15.0	22.4
203	18.7	14.1	21.1

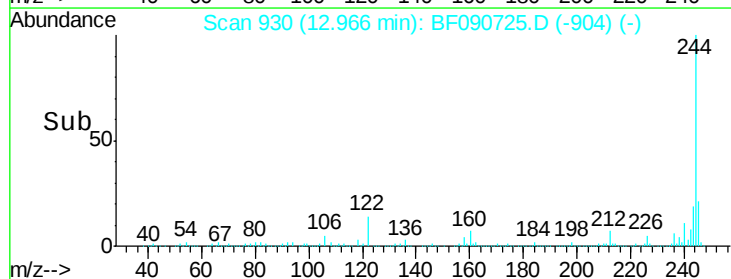
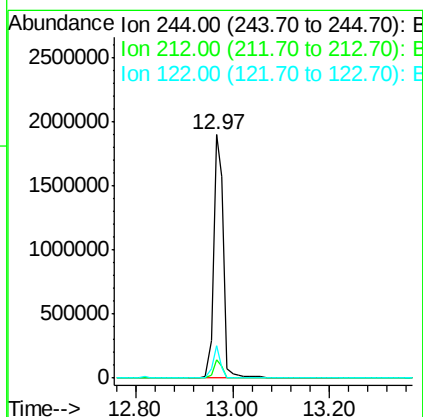
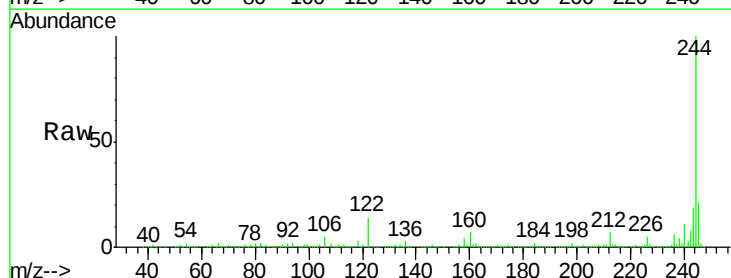
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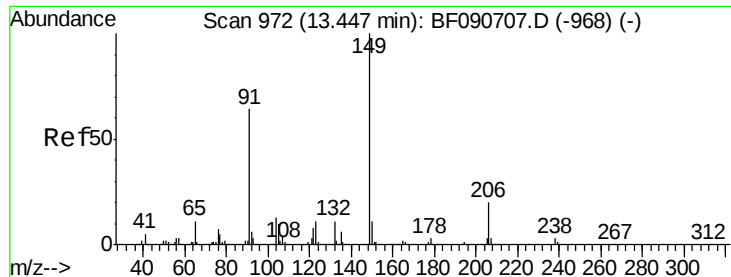
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#78
Terphenyl-d14
Concen: 90.65 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	13.6	17.4	26.2#





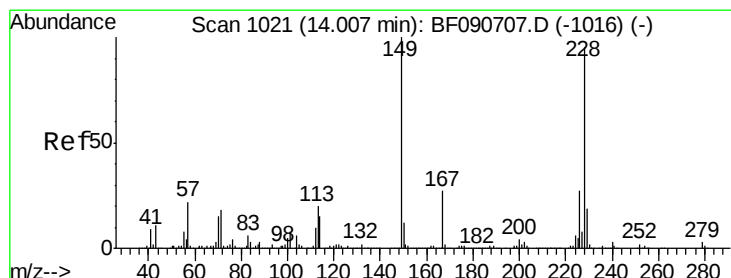
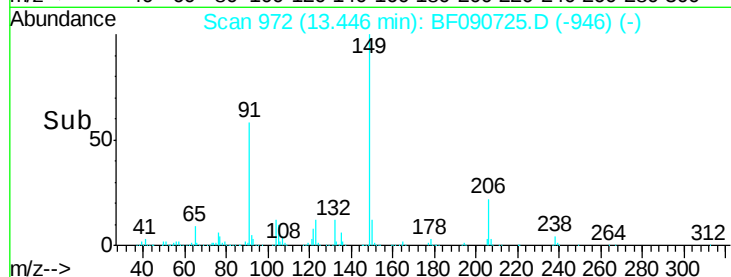
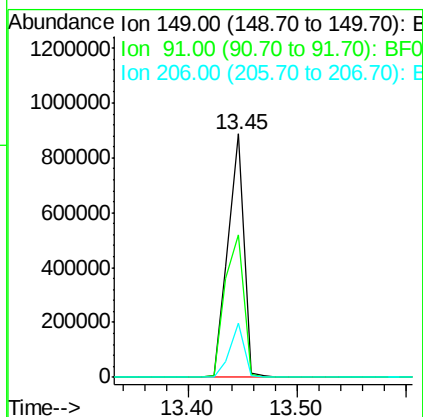
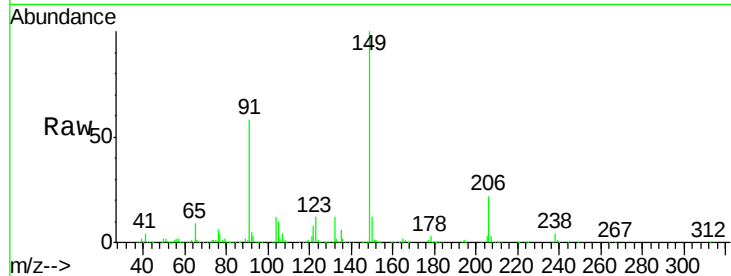
#79
Butylbenzylphthalate
Concen: 40.72 ng
RT: 13.45 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	58.4	48.6	72.8
206	22.0	14.9	22.3

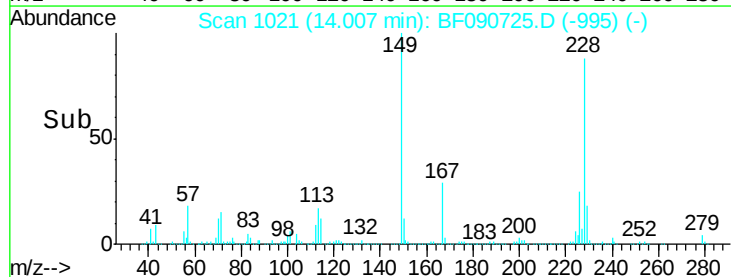
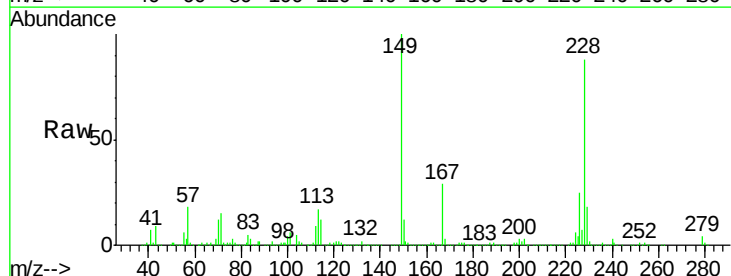
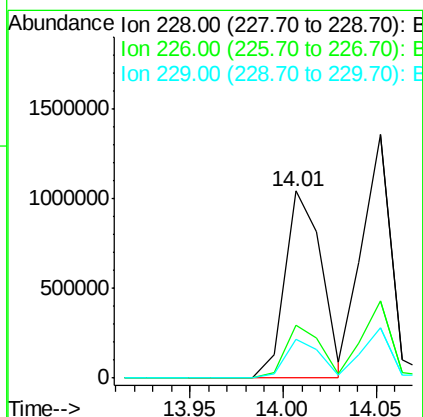
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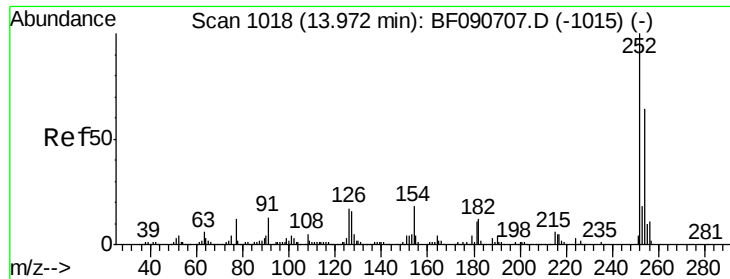
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#80
Benzo(a)anthracene
Concen: 37.41 ng
RT: 14.01 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	20.0	30.0
229	20.7	15.4	23.2





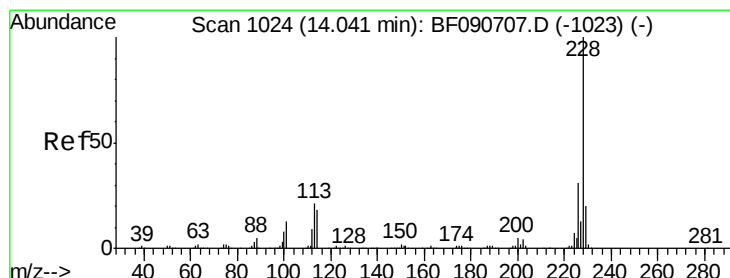
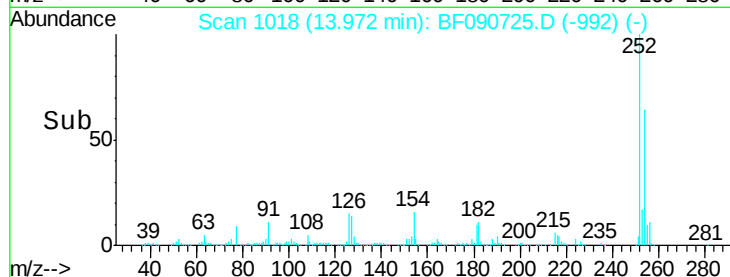
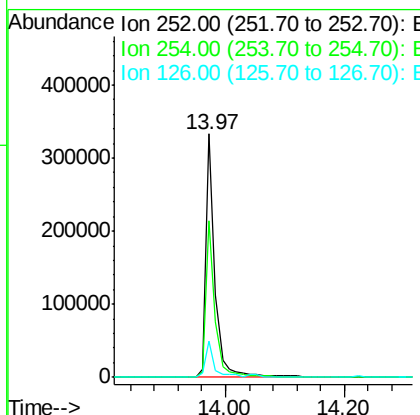
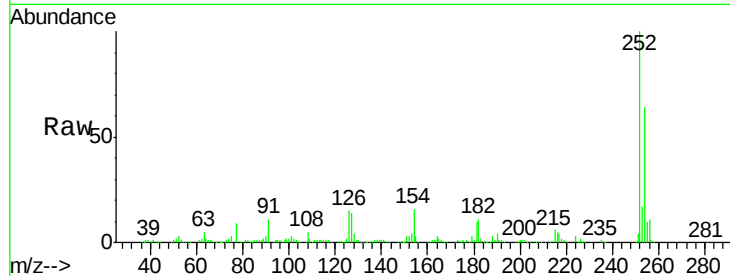
#81
 3,3'-Dichlorobenzidine
 Concen: 27.67 ng
 RT: 13.97 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	365334		
254	64.1	51.4	77.2	
126	14.9	16.4	24.6	

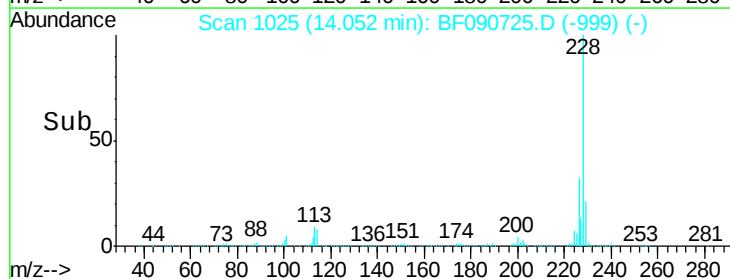
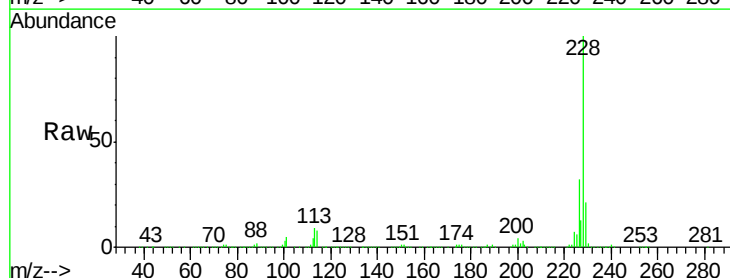
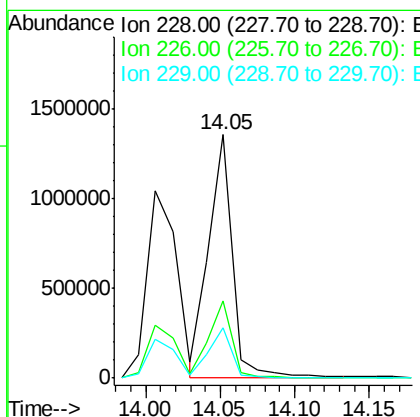
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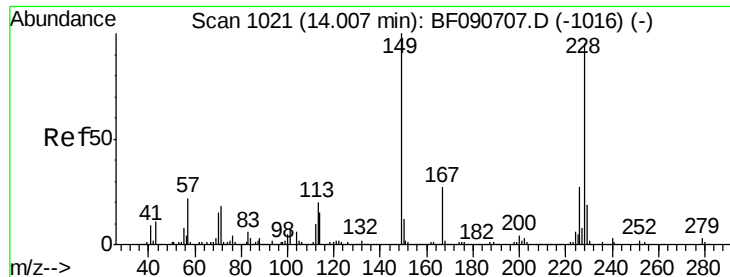
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#82
 Chrysene
 Concen: 41.35 ng m
 RT: 14.05 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1537796		
226	31.6	21.0	31.4	
229	20.7	15.6	23.4	





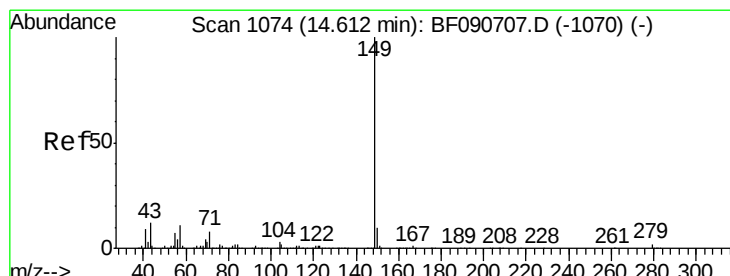
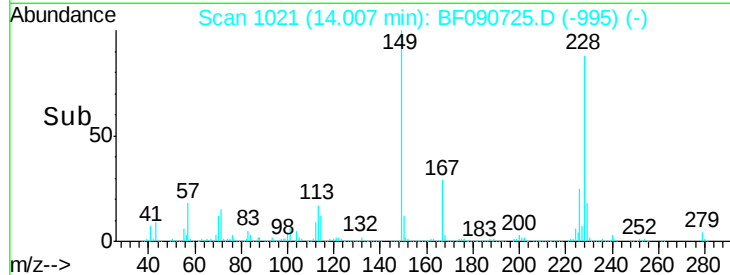
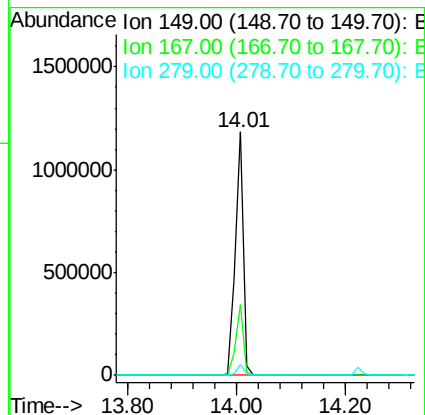
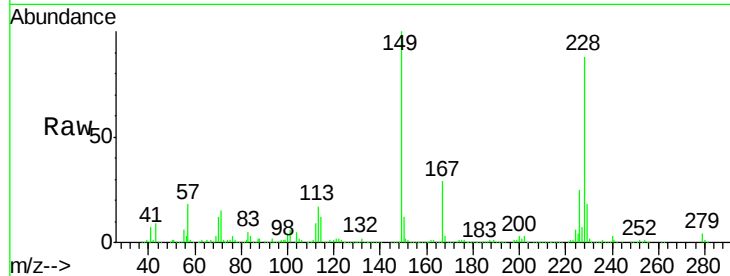
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.92 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Tot Ion:149 Resp: 1181015
 Ion Ratio Lower Upper
 149 100
 167 29.0 24.2 36.2
 279 4.3 3.8 5.6

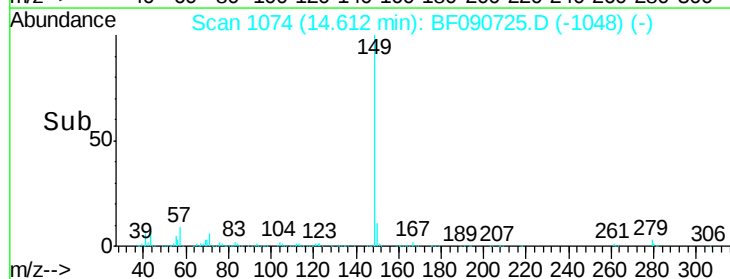
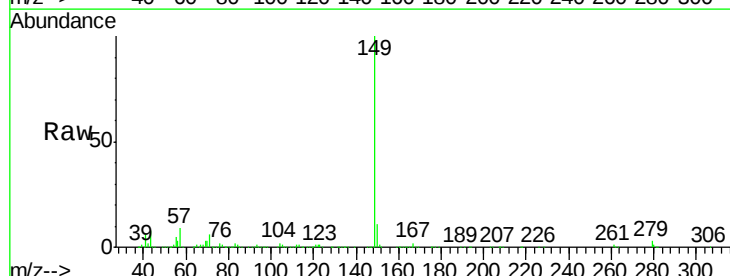
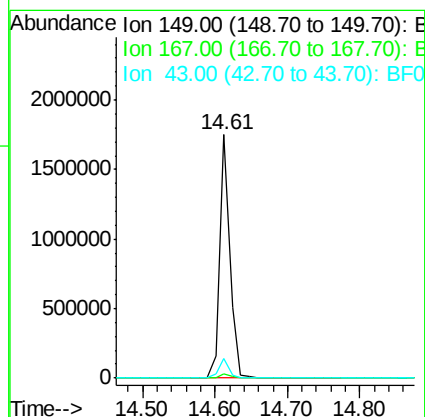
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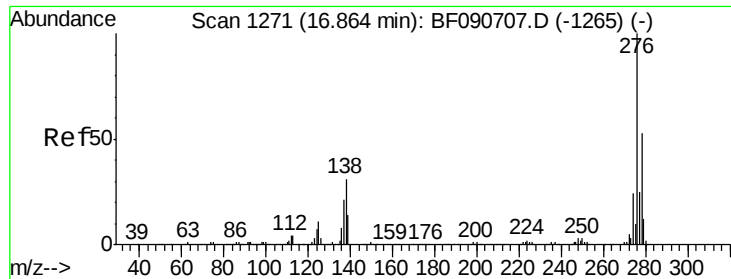
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#84
 Di-n-octyl phthalate
 Concen: 34.84 ng
 RT: 14.61 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion:149 Resp: 1691084
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6#
 43 7.9 10.2 15.2#





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.40 ng

RT: 16.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tot Ion:276 Resp: 1083603

Ion Ratio Lower Upper

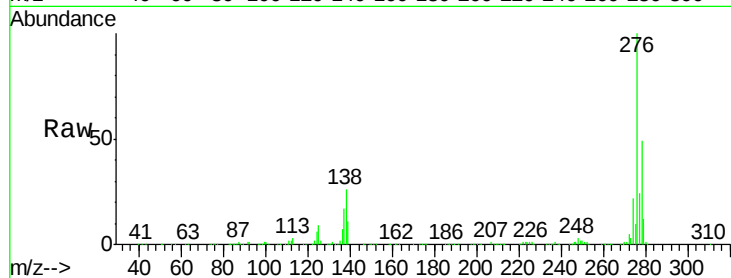
276 100

138 28.4 25.7 38.5

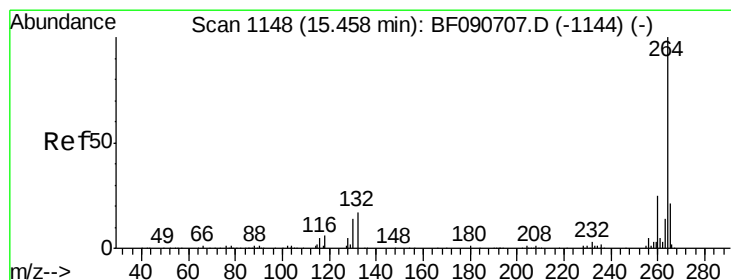
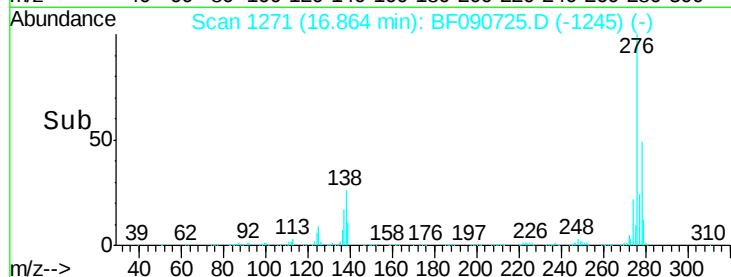
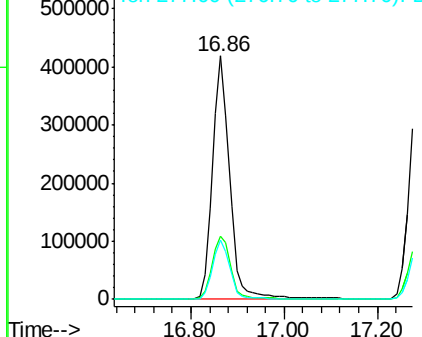
277 25.1 15.6 23.4#

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

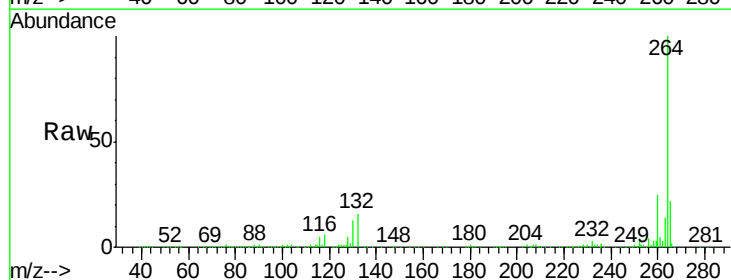
Tgt Ion:264 Resp: 465382

Ion Ratio Lower Upper

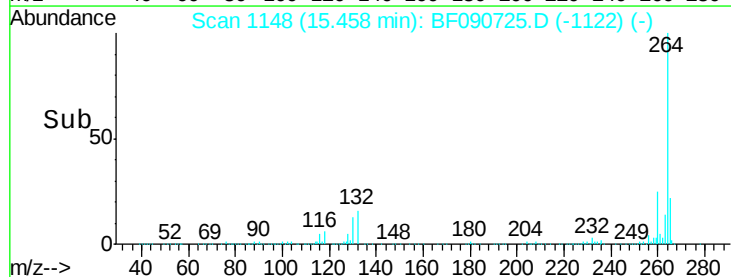
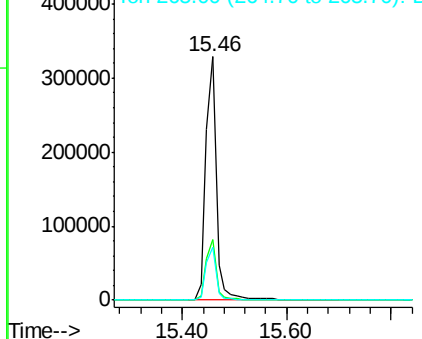
264 100

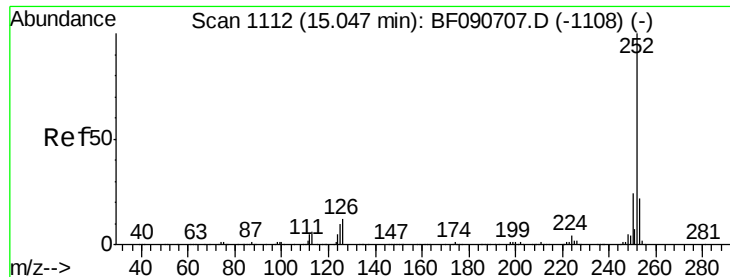
260 25.1 16.7 25.1#

265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.45 ng

RT: 15.05 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

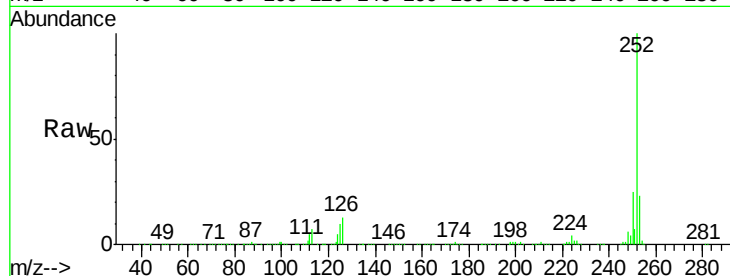
ClientSampleId :

RMAB-SB01-13.5-14.0MSD

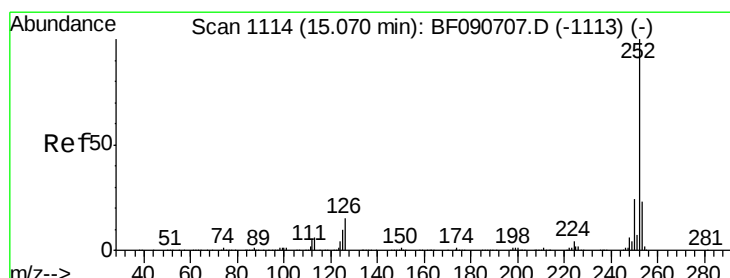
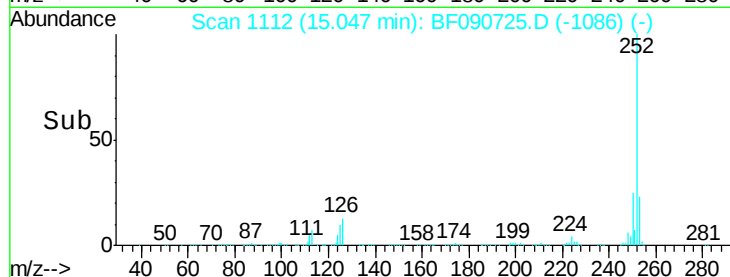
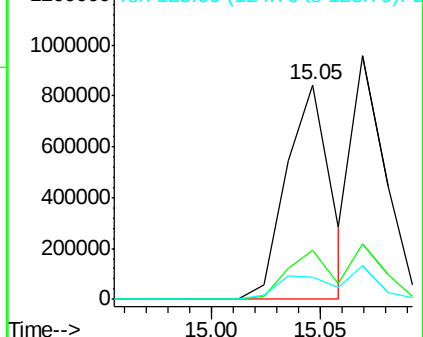
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	10.2	17.1	25.7

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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: 37.33 ng m

RT: 15.07 min Scan# 1114

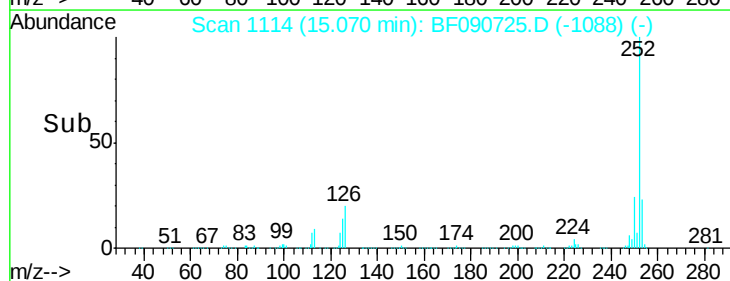
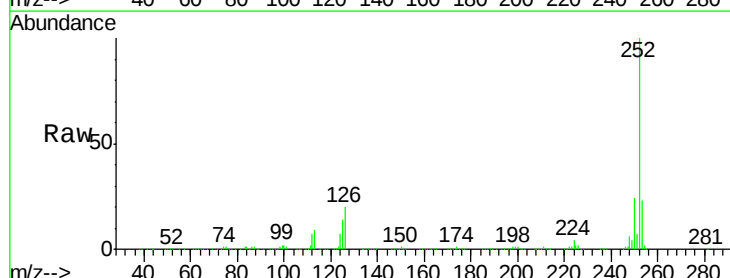
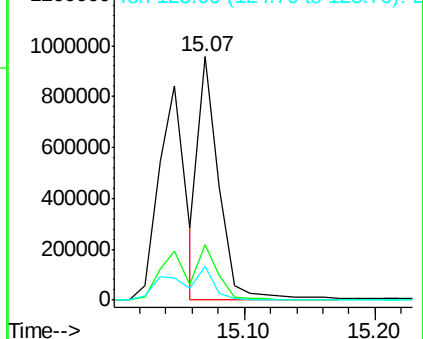
Delta R.T. 0.00 min

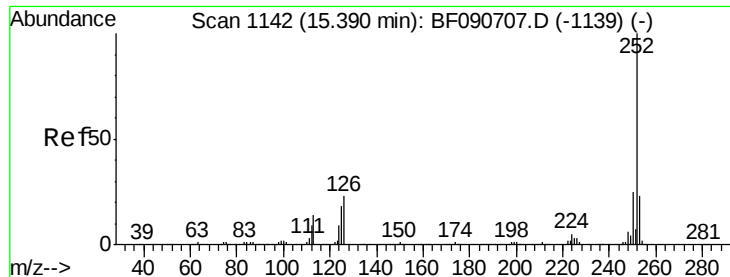
Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	14.0	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





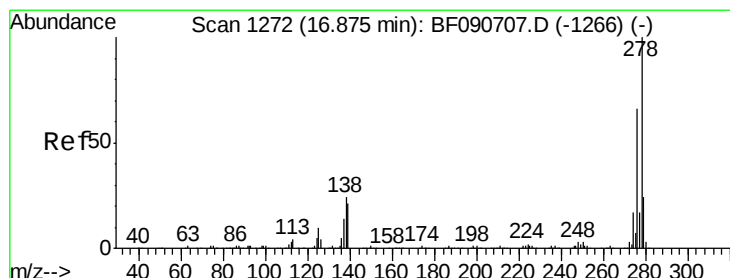
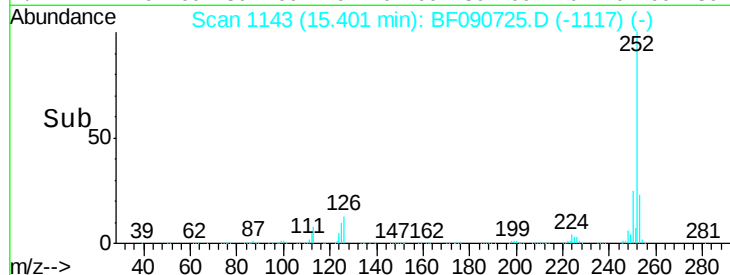
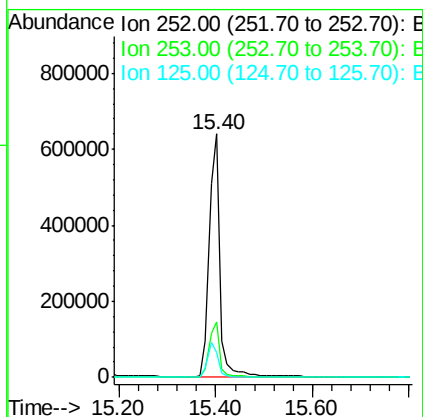
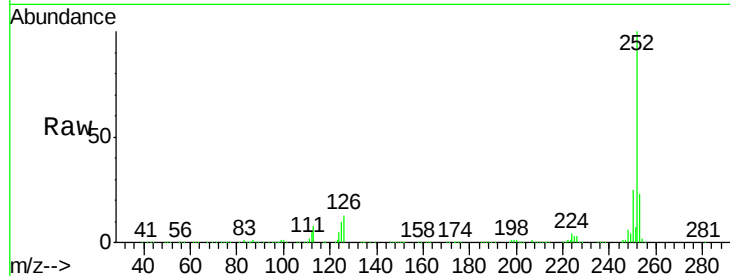
#89
Benzo(a)pyrene
Concen: 36.87 ng
RT: 15.40 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	10.4	18.0	27.0

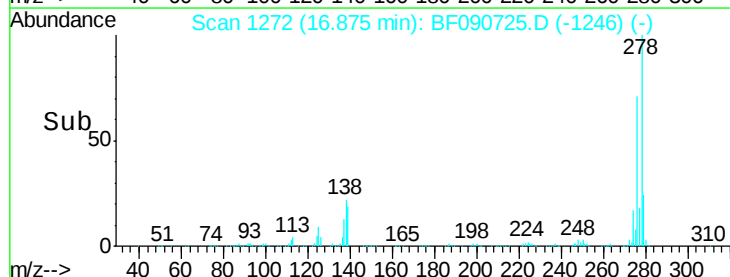
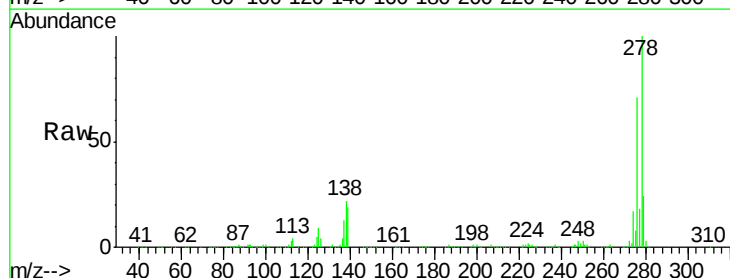
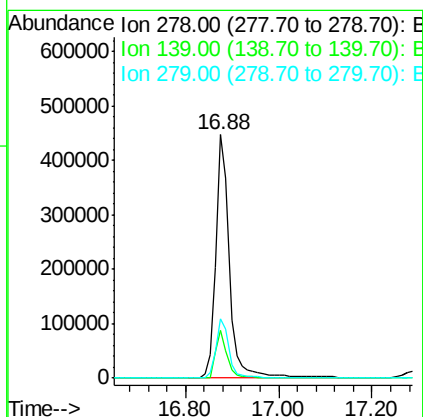
Manual Integrations
APPROVED

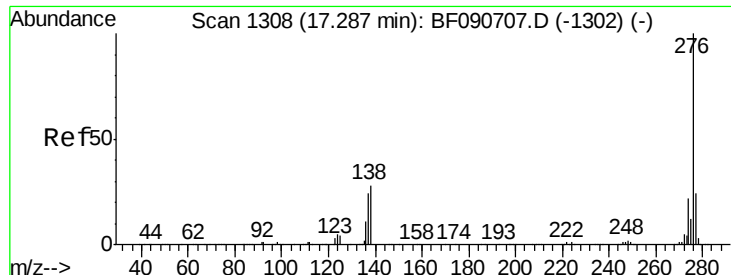
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 35.51 ng
RT: 16.88 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	26.3	39.5
279	24.3	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 34.81 ng
 RT: 17.29 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Tot Ion:	276	Resp:	870288
Ion Ratio	Lower	Upper	
276	100		
277	23.7	17.8	26.6
138	23.9	34.6	51.8#

Manual Integrations
 APPROVED

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