

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090854.D
 Acq On : 26 Oct 2016 21:43
 Operator : UM/SJ
 Sample : H5403-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

Manual Integrations
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 10/27/2016 3:44:50 PM

Quant Time: Oct 27 02:25:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	151428	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	647739	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	351403	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	611776	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	474871	20.00	ng	-0.01
86) Perylene-d12	15.37	264	339290	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1191724	137.60	ng	0.01
7) Phenol-d6	6.43	99	1415622	121.15	ng	-0.01
23) Nitrobenzene-d5	7.36	82	930551	94.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	540825	149.76	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2131535	106.51	ng	-0.01
78) Terphenyl-d14	12.90	244	2354637	124.92	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	178189	40.24	ng	# 74
3) Pyridine	3.15	79	310222	25.83	ng	# 68
4) n-Nitrosodimethylamine	3.07	42	168714	49.89	ng	# 64
6) Aniline	6.48	93	57905	4.34	ng	# 58
8) 2-Chlorophenol	6.58	128	488592	45.73	ng	# 96
9) Benzaldehyde	6.34	77	46123	7.64	ng	# 84
10) Phenol	6.45	94	462029	35.88	ng	# 90
11) bis(2-Chloroethyl)ether	6.53	93	530913	49.83	ng	# 85
12) 1,3-Dichlorobenzene	6.73	146	504927	46.20	ng	# 95
13) 1,4-Dichlorobenzene	6.81	146	521750	45.40	ng	# 95
14) 1,2-Dichlorobenzene	6.96	146	478044m	43.39	ng	# 95
15) Benzyl Alcohol	6.93	79	317335	41.35	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.07	45	498817	47.05	ng	# 55
17) 2-Methylphenol	7.06	107	402848	49.56	ng	# 85
18) Hexachloroethane	7.30	117	178256	42.62	ng	# 83
19) n-Nitroso-di-n-propylamine	7.21	70	322139	47.69	ng	# 70
20) 3+4-Methylphenols	7.21	107	463831	49.29	ng	# 59
22) Acetophenone	7.21	105	655239	49.17	ng	# 85
24) Nitrobenzene	7.38	77	517525	49.45	ng	# 81
25) Isophorone	7.62	82	1012864	50.44	ng	# 93
26) 2-Nitrophenol	7.70	139	272512	48.61	ng	# 93
27) 2,4-Dimethylphenol	7.74	122	495171	54.55	ng	# 86
28) bis(2-Chloroethoxy)methane	7.84	93	617421	54.06	ng	# 96
29) 2,4-Dichlorophenol	7.94	162	432487	51.46	ng	# 96
30) 1,2,4-Trichlorobenzene	8.02	180	461483	47.51	ng	# 99
31) Naphthalene	8.10	128	1464936	48.38	ng	# 97
32) Benzoic acid	7.88	122	274068	41.59	ng	# 78
33) 4-Chloroaniline	8.17	127	43897	3.59	ng	# 93
34) Hexachlorobutadiene	8.21	225	250590	43.88	ng	# 98
35) Caprolactam	8.53	113	122609m	47.00	ng	# 93
36) 4-Chloro-3-methylphenol	8.65	107	495914	54.25	ng	# 87
37) 2-Methylnaphthalene	8.78	142	980620	50.14	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	454995	47.20	ng	# 99
40) Hexachlorocyclopentadiene	8.94	237	499463	112.62	ng	# 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	305049	49.01	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	344495	53.74	nq #	91
45) 1,1'-Biphenyl	9.25	154	1169647	46.21	nq	93
46) 2-Chloronaphthalene	9.28	162	933085	48.46	nq #	90
47) 2-Nitroaniline	9.38	65	295573	54.41	nq #	79
48) Acenaphthylene	9.70	152	1563899	53.64	nq	97
49) Dimethylphthalate	9.56	163	1112898	47.40	nq #	97
50) 2,6-Dinitrotoluene	9.62	165	250096	48.23	nq #	64
51) Acenaphthene	9.87	154	1106715	55.12	nq	89
52) 3-Nitroaniline	9.79	138	37240	6.75	nq #	69
53) 2,4-Dinitrophenol	9.90	184	308310	112.95	nq #	83
54) Dibenzofuran	10.04	168	1494854	57.69	nq #	89
55) 4-Nitrophenol	9.96	139	335899	99.78	nq #	61
56) 2,4-Dinitrotoluene	10.03	165	402697	62.52	nq #	92
57) Fluorene	10.38	166	1201172	56.60	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.16	232	293887	51.34	nq	99
59) Diethylphthalate	10.26	149	1217282	52.20	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	532525	51.40	nq #	87
61) 4-Nitroaniline	10.41	138	166396	30.44	nq #	59
62) Azobenzene	10.53	77	1261649	55.02	nq	86
64) 4,6-Dinitro-2-methylphenol	10.43	198	185983	45.85	nq	89
65) n-Nitrosodiphenylamine	10.50	169	699110	37.31	nq	91
66) 4-Bromophenyl-phenylether	10.86	248	367969	54.93	nq	95
67) Hexachlorobenzene	10.93	284	406330	51.25	nq #	77
68) Atrazine	11.02	200	163826	28.26	nq	84
69) Pentachlorophenol	11.13	266	478762	112.56	nq	96
70) Phenanthrene	11.34	178	1710096	54.89	nq	95
71) Anthracene	11.39	178	1569388	47.84	nq	95
72) Carbazole	11.55	167	1015255	35.05	nq	96
73) Di-n-butylphthalate	11.88	149	1727963	46.27	nq #	97
74) Fluoranthene	12.52	202	1664981	48.80	nq	95
76) Benzydine	12.68	184	9687	0.93	nq #	81
77) Pyrene	12.75	202	1599759	53.23	nq	94
79) Butylbenzylphthalate	13.38	149	777448	57.02	nq	92
80) Benzo(a)anthracene	13.94	228	1420808	56.38	nq	95
81) 3,3'-Dichlorobenzidine	13.91	252	16493	1.69	nq	98
82) Chrysene	13.99	228	1555689m	61.03	nq	
83) Bis(2-ethylhexyl)phthalate	13.94	149	1139789	64.19	nq #	93
84) Di-n-octyl phthalate	14.56	149	1868423	62.66	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.74	276	1206693	53.42	nq #	94
87) Benzo(b)fluoranthene	14.97	252	1250735	54.82	nq #	88
88) Benzo(k)fluoranthene	15.00	252	1290992m	71.60	nq	
89) Benzo(a)pyrene	15.31	252	1114915	56.87	nq #	88
90) Dibenzo(a,h)anthracene	16.75	278	1055416	63.60	nq #	85
91) Benzo(g,h,i)perylene	17.15	276	999352	63.94	nq #	77

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

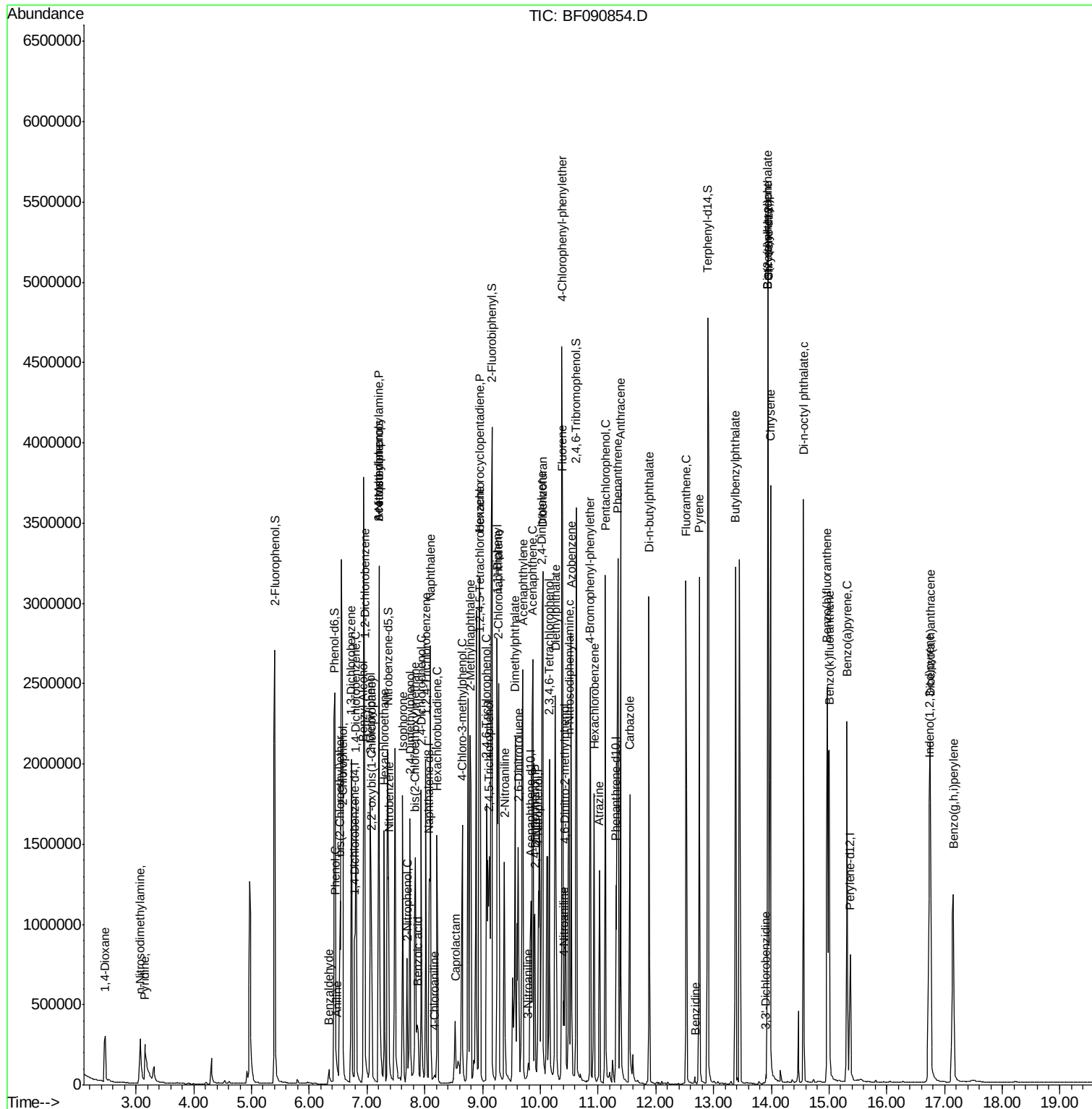
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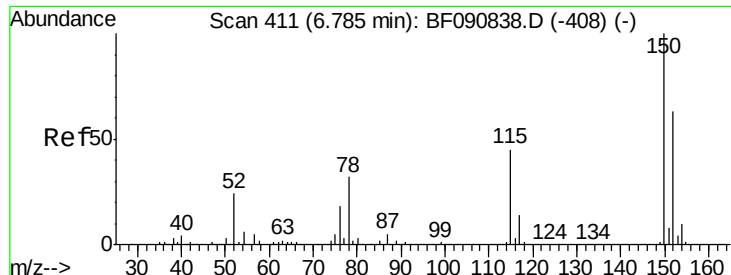
Instrument :
BNA_F
ClientSampled :
C0AA0MS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

Tot Ion:152 Resp: 151428

Ion Ratio Lower Upper

152 100

150 159.0 124.7 187.1

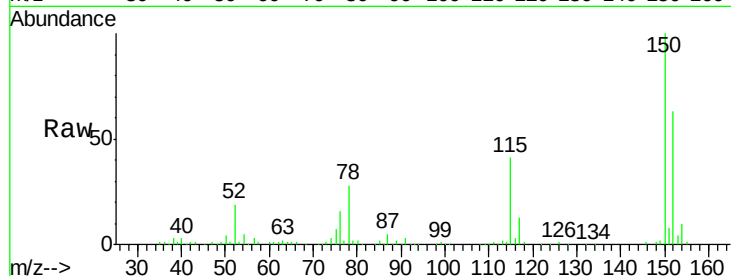
115 65.5 39.0 58.4#

Manual Integrations

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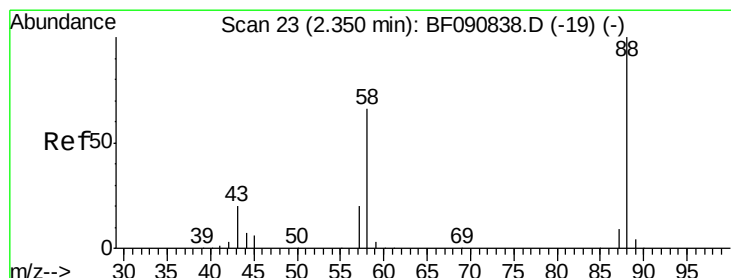
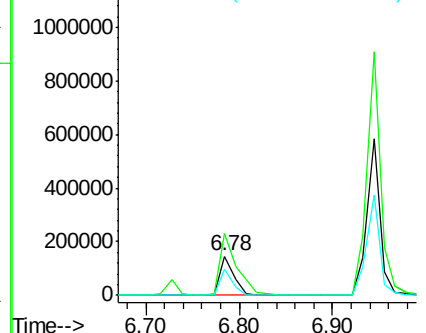
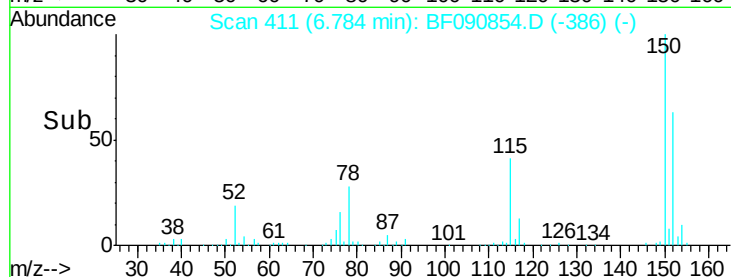
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.24 ng

RT: 2.46 min Scan# 33

Delta R.T. 0.11 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

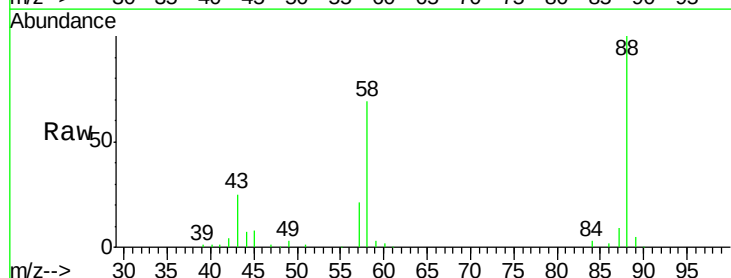
Tgt Ion: 88 Resp: 178189

Ion Ratio Lower Upper

88 100

58 69.4 77.7 116.5#

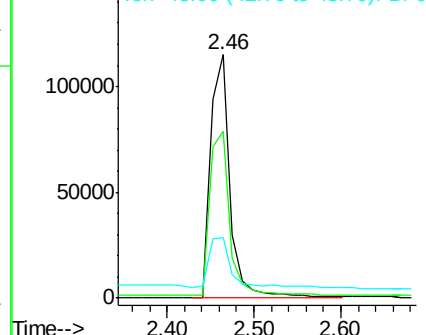
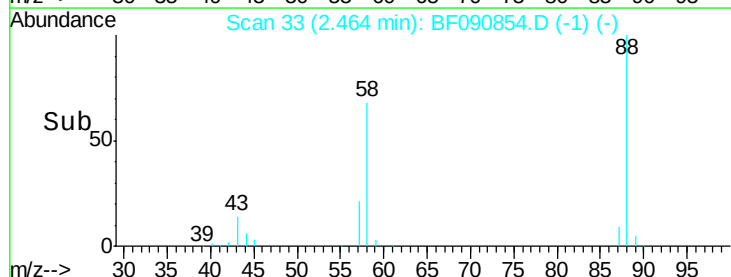
43 22.7 26.6 40.0#

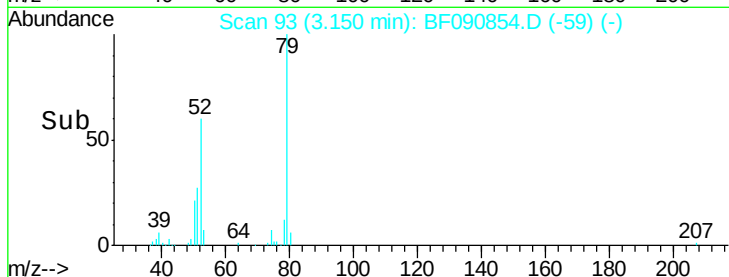
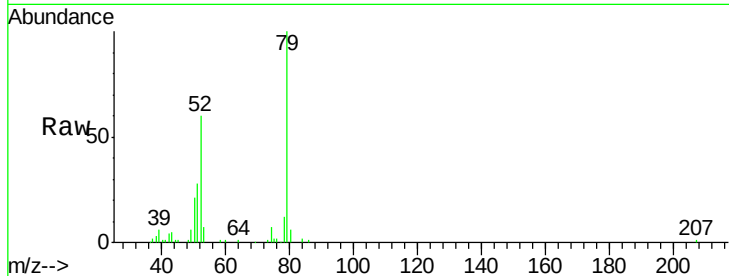
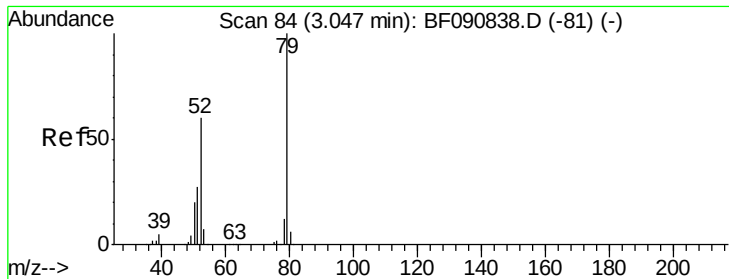


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





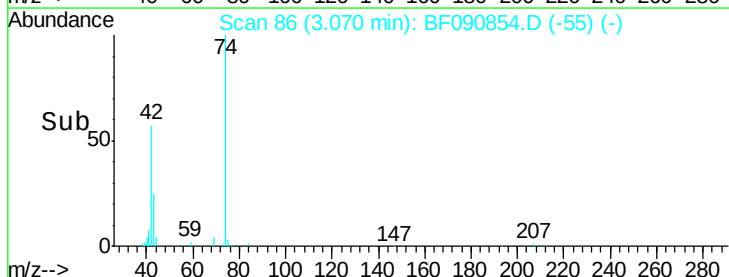
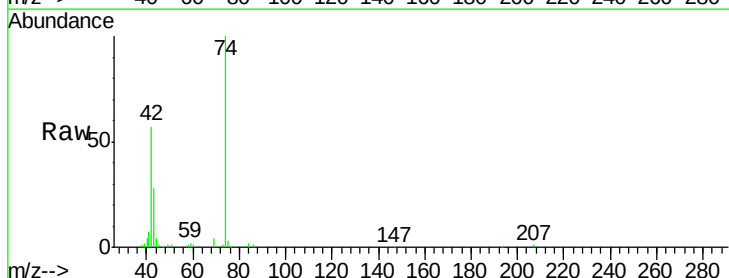
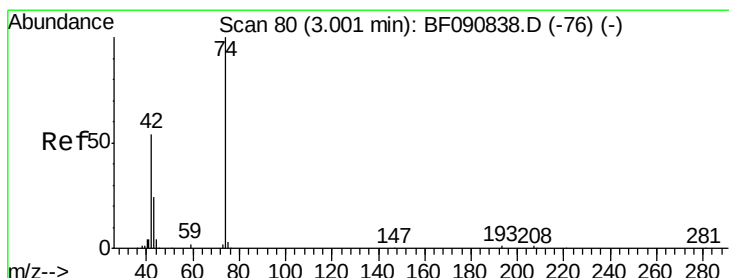
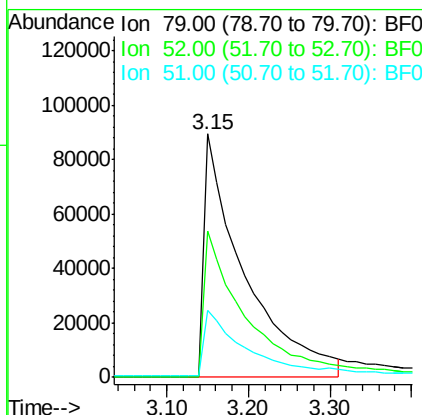
#3
 Pvridine
 Concen: 25.83 ng
 RT: 3.15 min Scan# 93
 Delta R.T. 0.09 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tot Ion	Ratio	Lower	Upper
79	100		
52	59.9	76.8	115.2#
51	27.7	32.2	48.4#

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 C0AA0MS

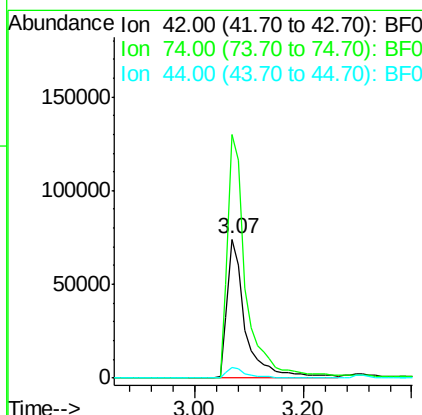
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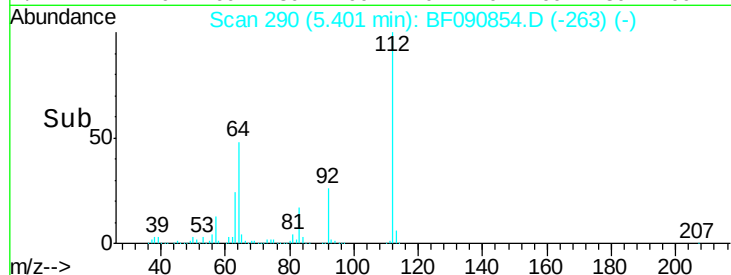
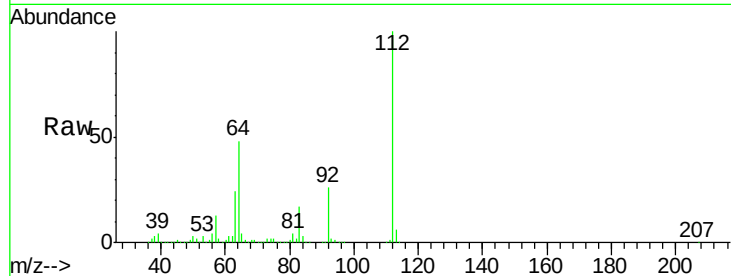
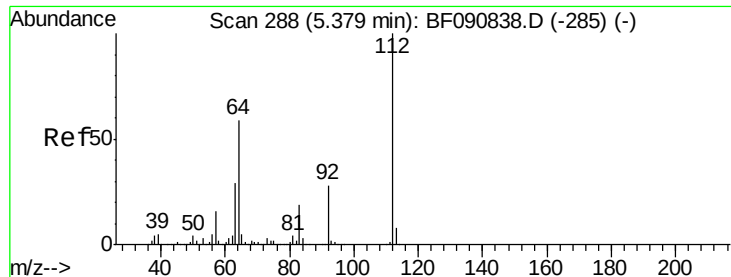
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#4
 n-Nitrosodimethylamine
 Concen: 49.89 ng
 RT: 3.07 min Scan# 86
 Delta R.T. 0.06 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	175.5	105.0	157.6#
44	7.5	6.6	10.0





#5

2-Fluorophenol

Concen: 137.60 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tot Ion:	112	Resp:	1191724
Ion	Ratio	Lower	Upper
112	100		
64	48.0	39.7	59.5
63	24.1	17.4	26.0

Instrument :

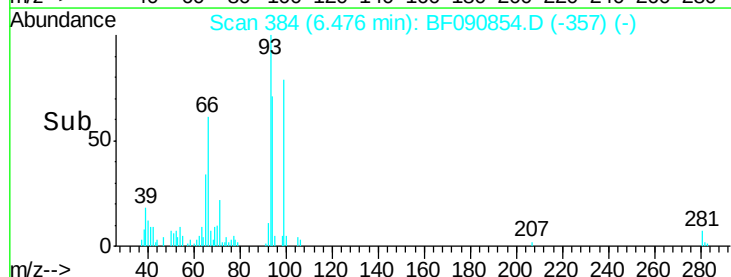
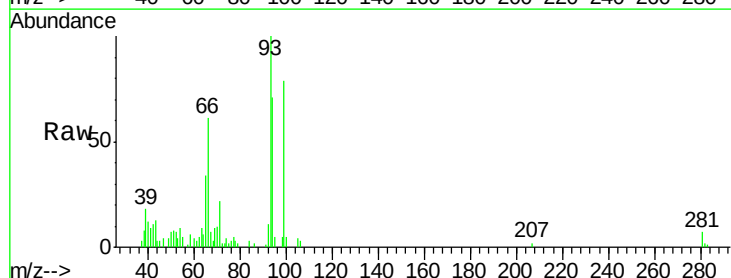
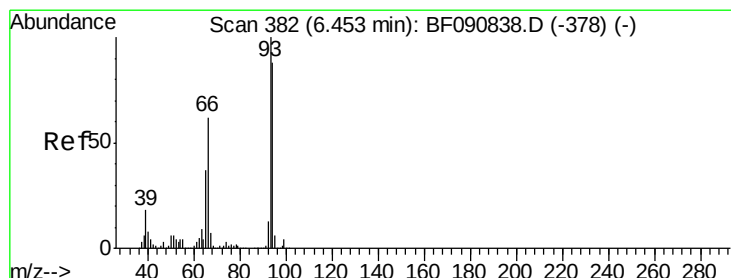
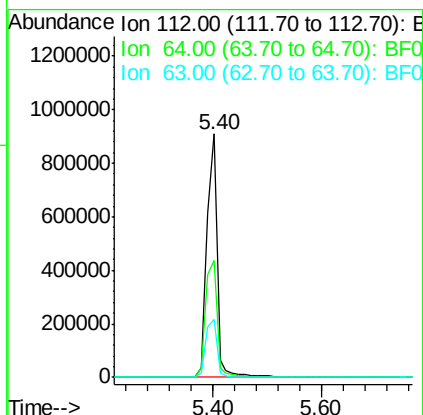
BNA_F

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#6

Aniline

Concen: 4.34 ng

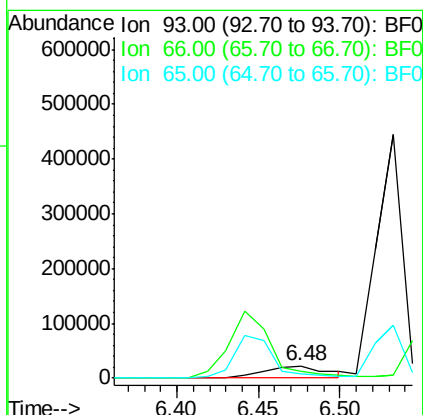
RT: 6.48 min Scan# 384

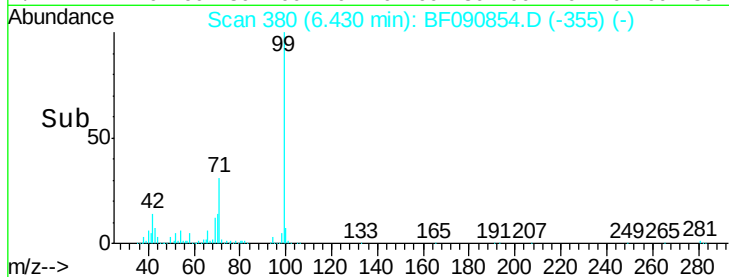
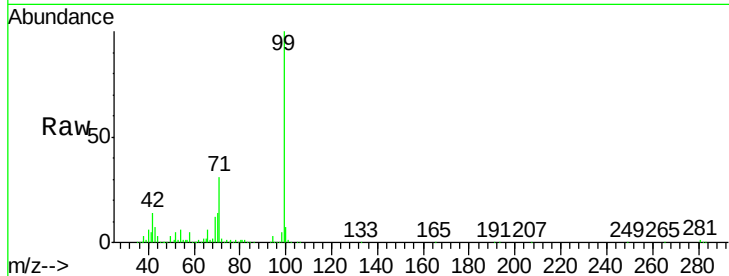
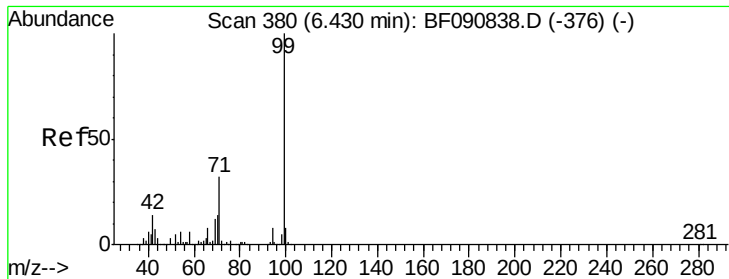
Delta R.T. 0.01 min

Lab File: BF090854.D

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Tgt Ion:	93	Resp:	57905
Ion	Ratio	Lower	Upper
93	100		
66	60.9	27.2	40.8#
65	33.6	14.7	22.1#





#7

Phenol-d6

Concen: 121.15 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tot Ion:	99	Resp:	1415622
Ion	Ratio	Lower	Upper
99	100		
42	13.8	13.7	20.5
71	31.2	14.2	21.2#

Instrument :

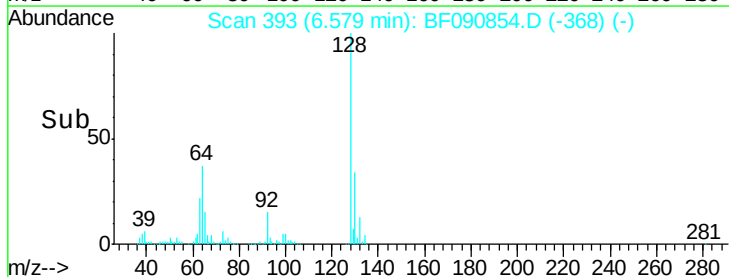
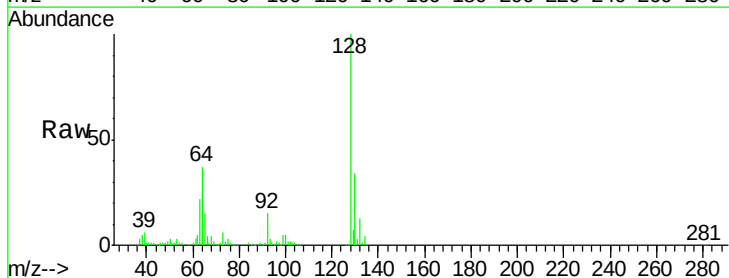
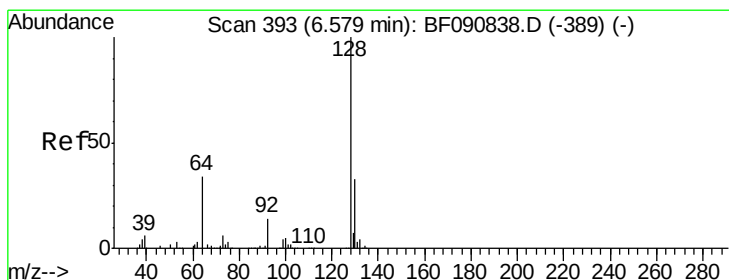
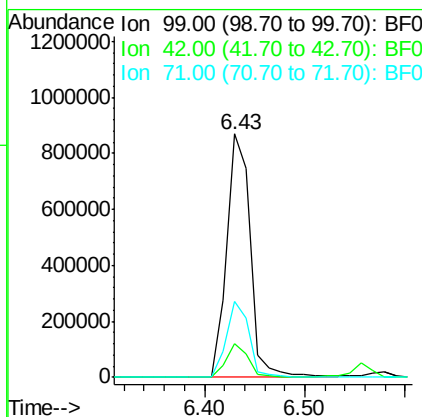
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 45.73 ng

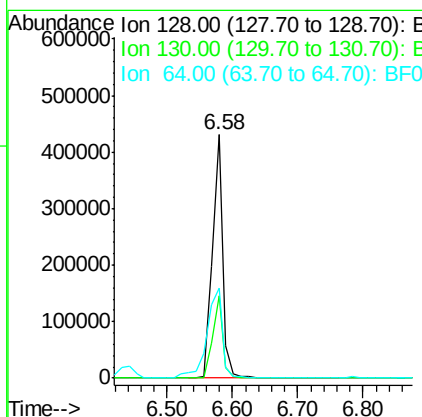
RT: 6.58 min Scan# 393

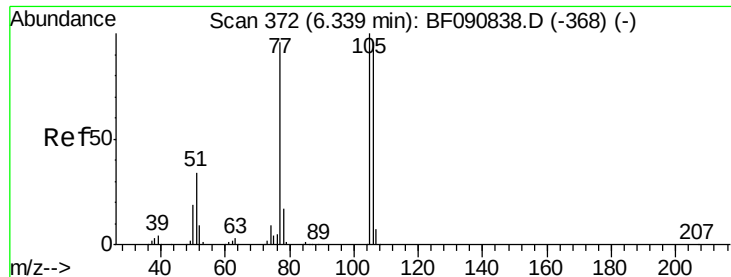
Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tgt Ion:	128	Resp:	488592
Ion	Ratio	Lower	Upper
128	100		
130	33.9	12.2	52.2
64	37.0	20.5	60.5





#9

Benzaldehyde

Concen: 7.64 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

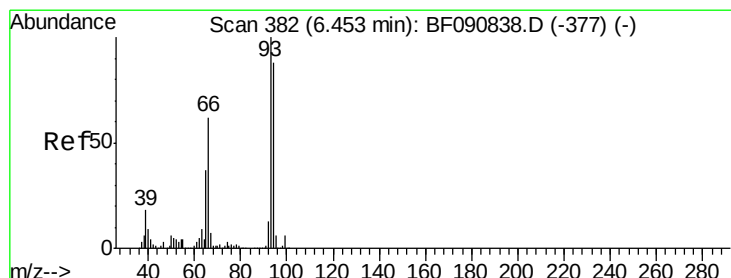
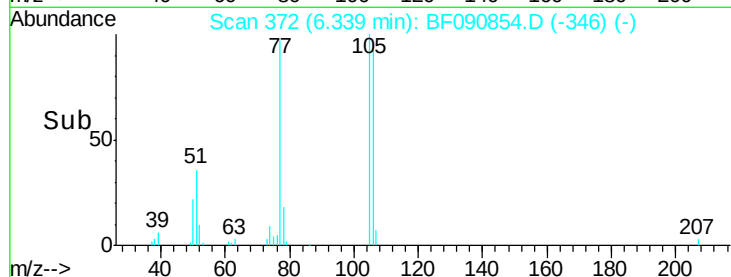
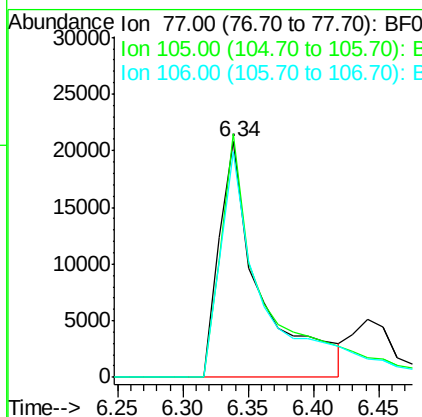
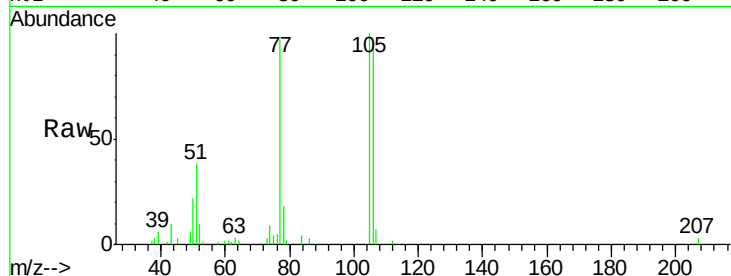
ClientSampleId :

C0AA0MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.2	91.6	131.6
106	95.9	102.6	142.6

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#10

Phenol

Concen: 35.88 ng

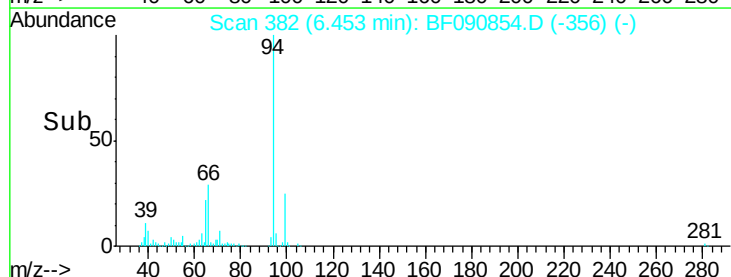
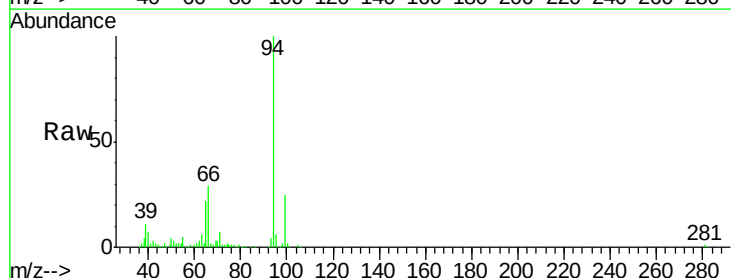
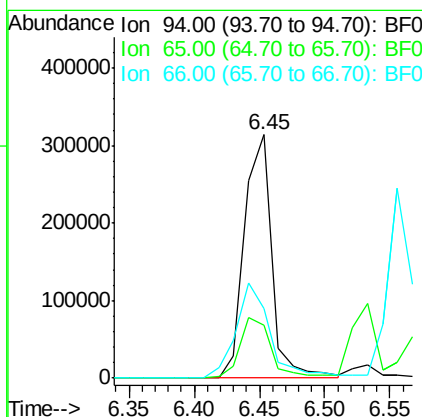
RT: 6.45 min Scan# 382

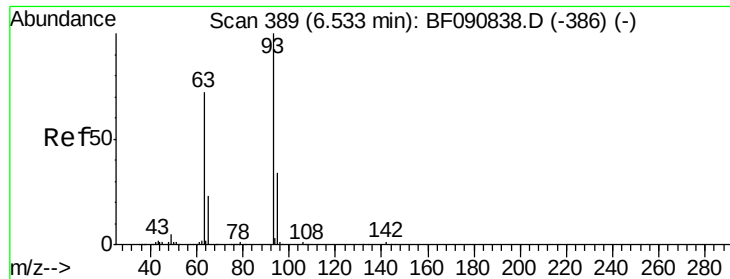
Delta R.T. -0.00 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	21.9	0.7	40.7
66	28.7	0.8	40.8





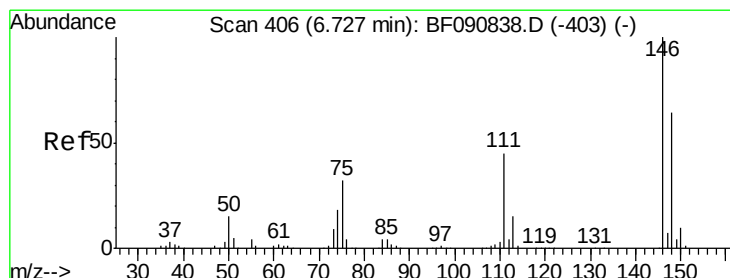
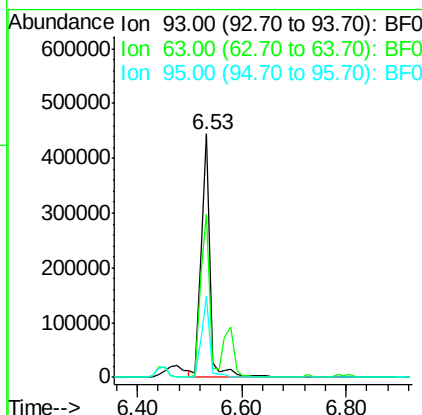
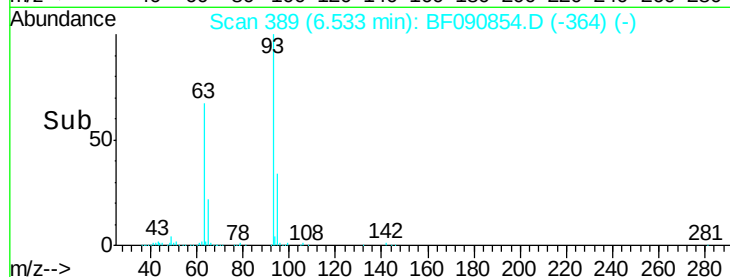
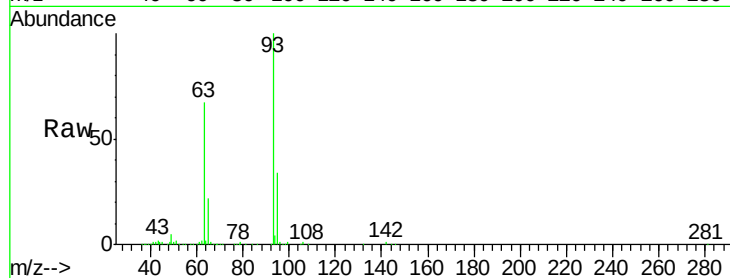
#11
bis(2-Chloroethyl)ether
Concen: 49.83 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampleId :
C0AA0MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.9	65.6	105.6
95	33.5	13.6	53.6

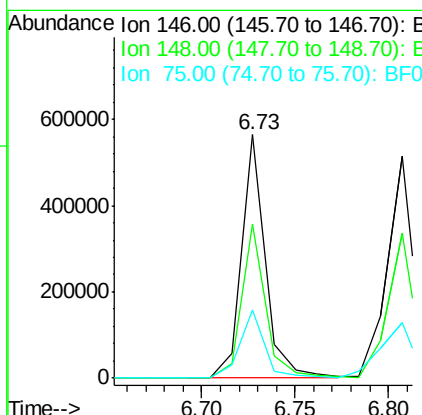
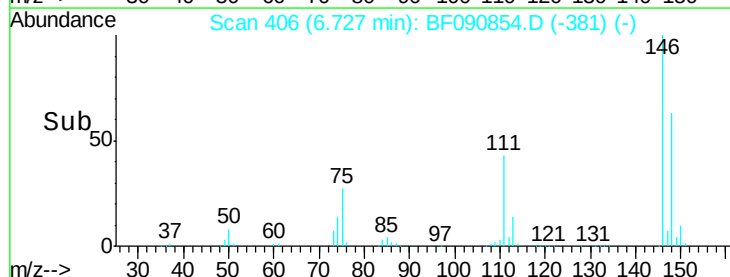
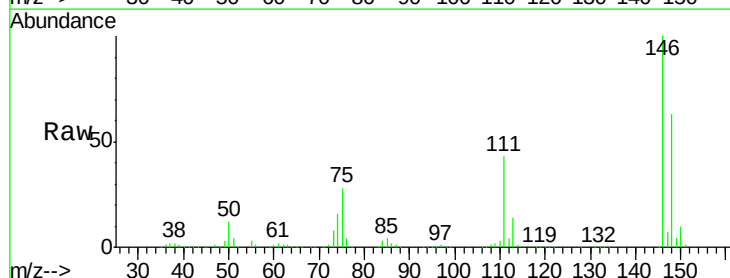
Manual Integrations
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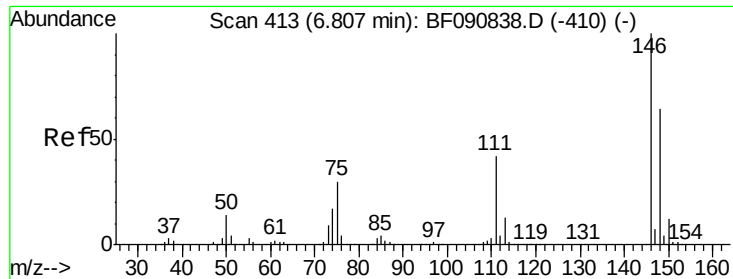
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#12
1,3-Dichlorobenzene
Concen: 46.20 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.4
75	27.9	15.0	22.6





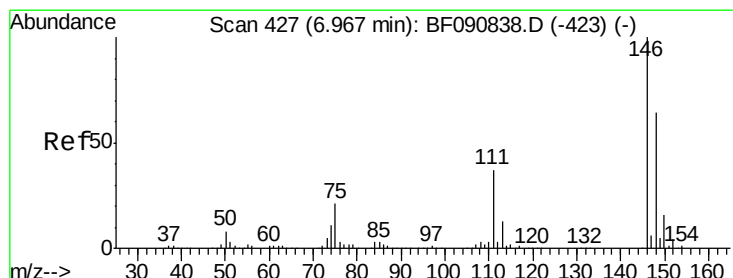
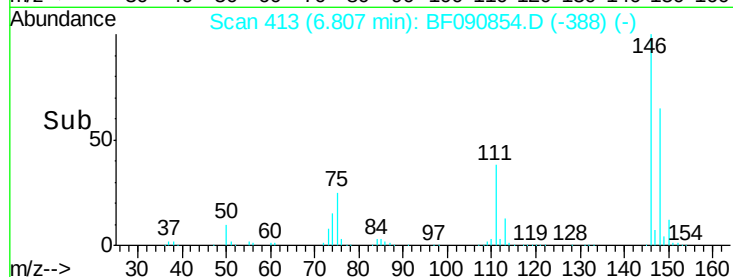
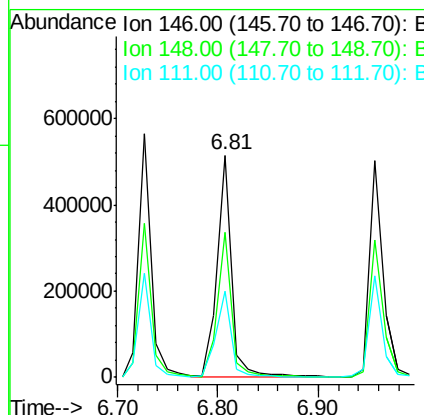
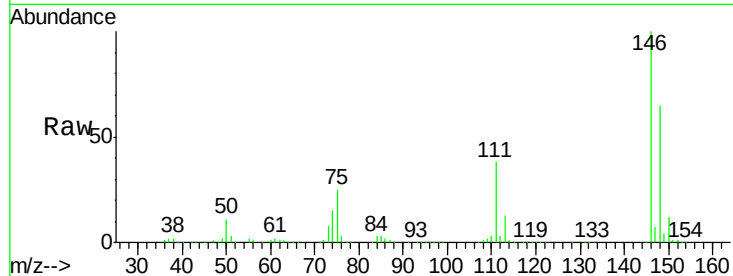
#13
 1,4-Dichlorobenzene
 Concen: 45.40 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.6
111	38.5	24.9	37.3

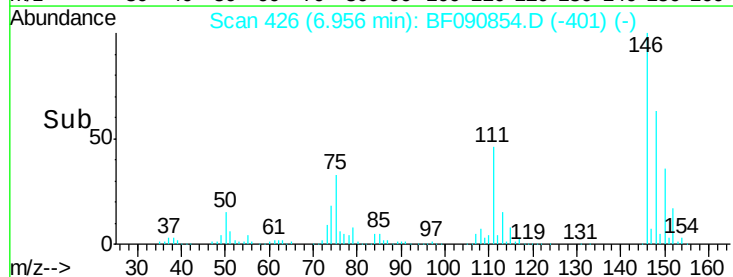
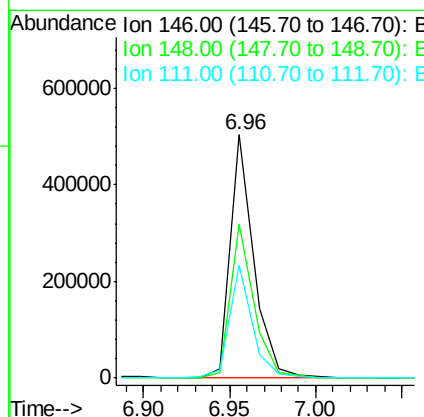
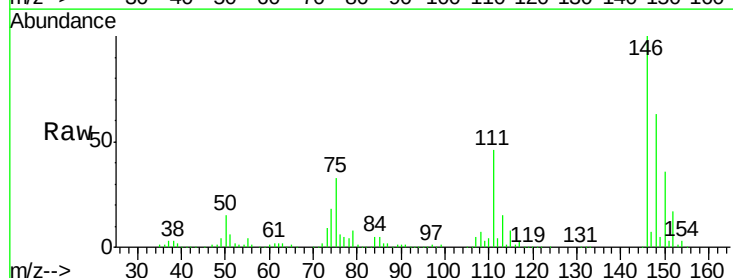
Manual Integrations
 APPROVED

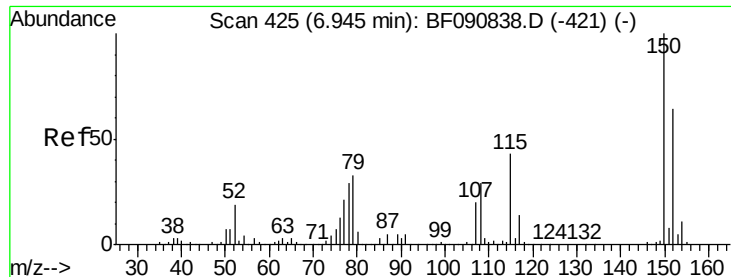
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#14
 1,2-Dichlorobenzene
 Concen: 43.39 ng m
 RT: 6.96 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.7	79.1
111	46.5	28.8	43.2





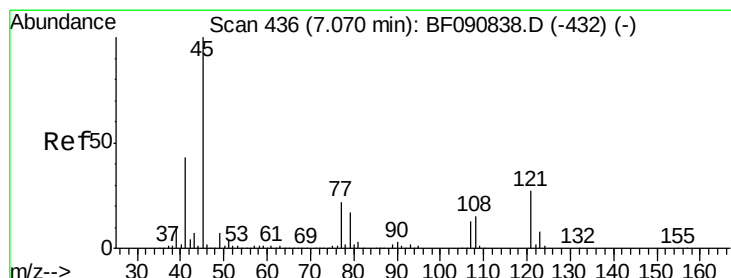
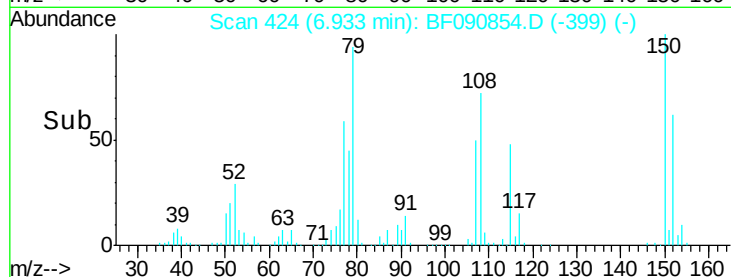
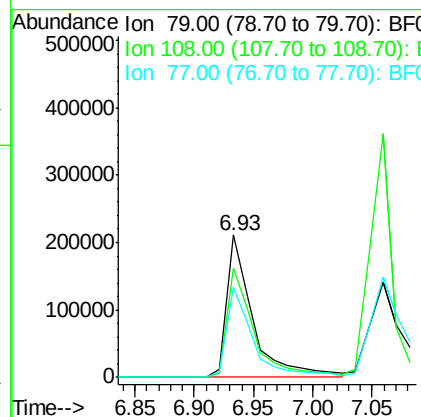
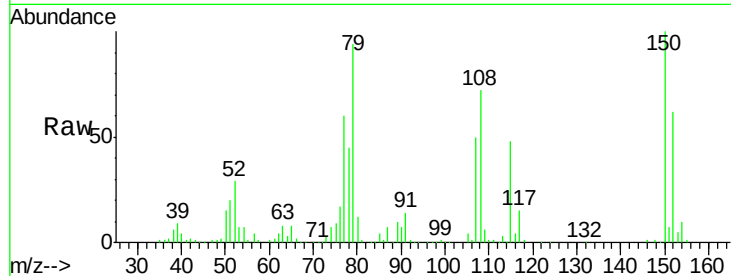
#15
Benzyl Alcohol
Concen: 41.35 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampleID :
C0AA0MS

Tot Ion: 79 Resp: 317335
Ion Ratio Lower Upper
79 100
108 76.4 88.6 132.8#
77 63.2 47.0 70.4

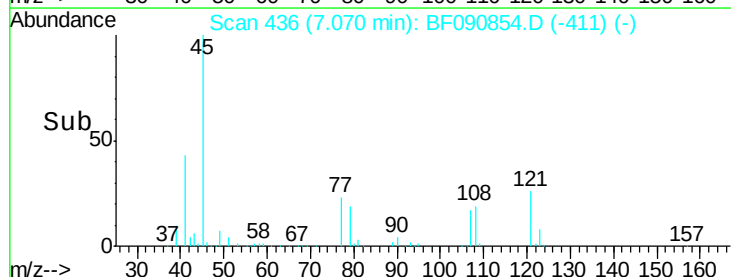
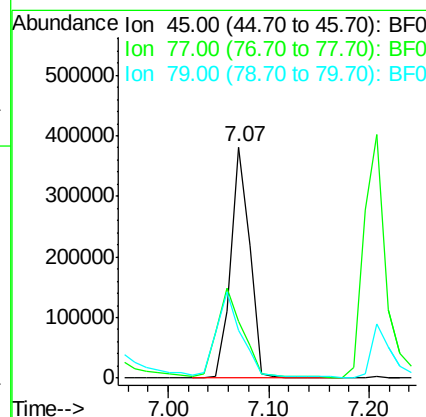
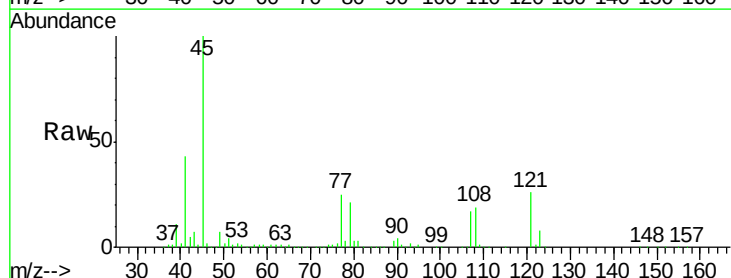
Manual Integrations
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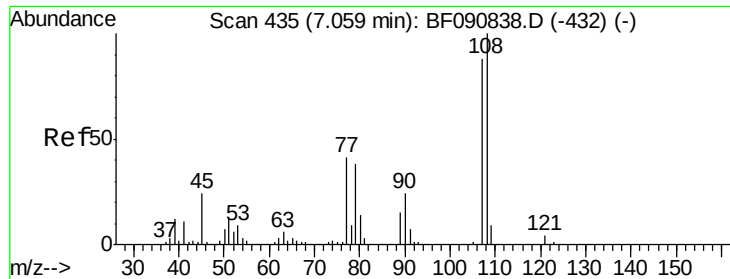
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#16
2,2'-oxybis(1-chloropropane)
Concen: 47.05 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion: 45 Resp: 498817
Ion Ratio Lower Upper
45 100
77 24.7 0.0 28.1
79 20.6 0.0 26.0





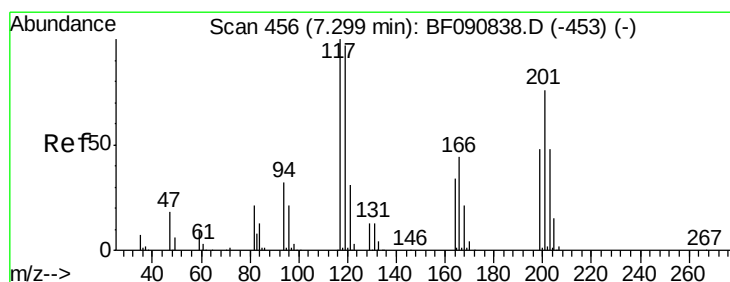
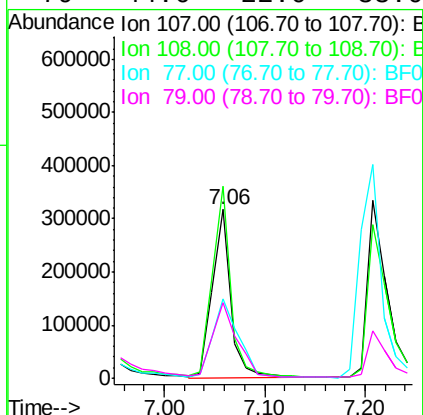
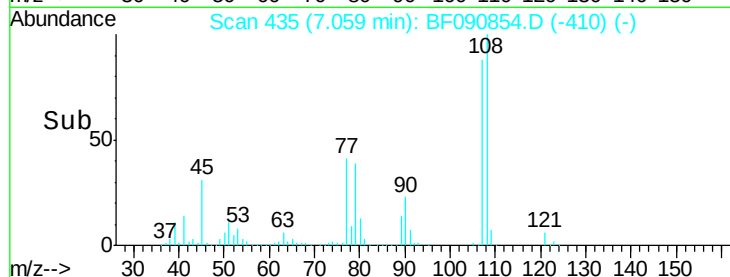
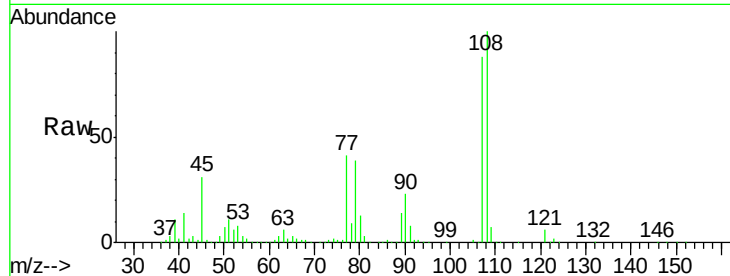
#17
2-Methylphenol
Concen: 49.56 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampleId :
C0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	96.6	145.0	
77	46.7	23.3	34.9	
79	44.6	22.0	33.0	

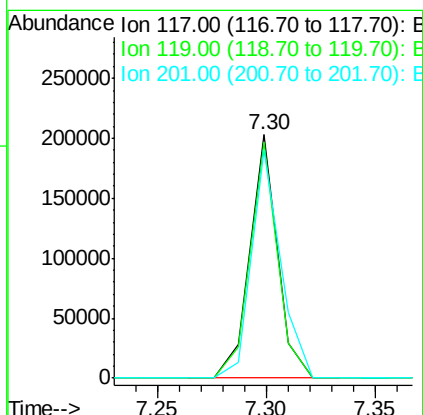
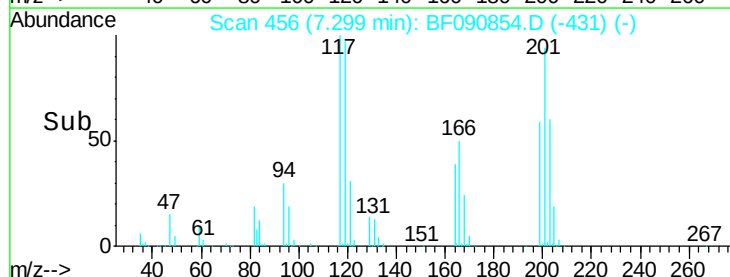
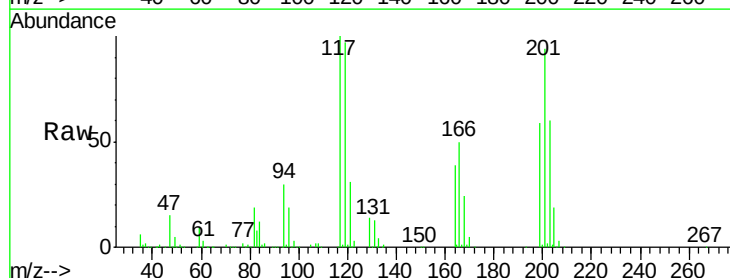
Manual Integrations
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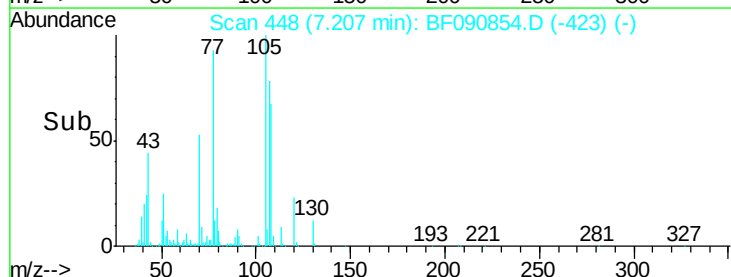
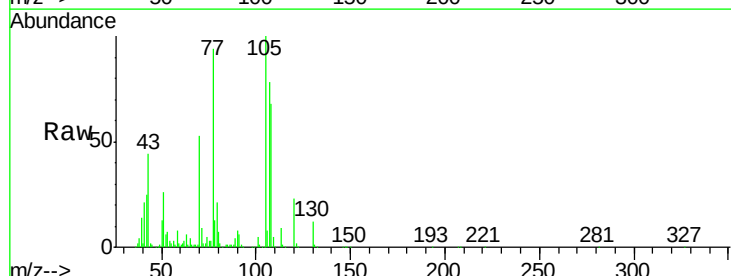
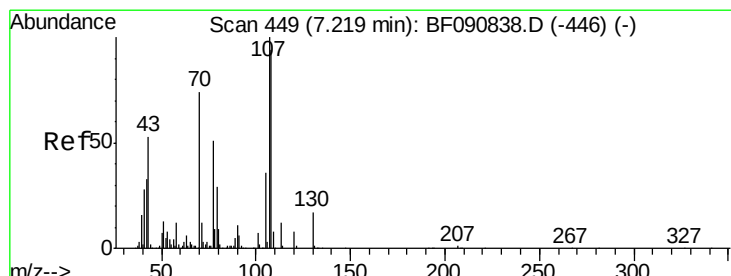
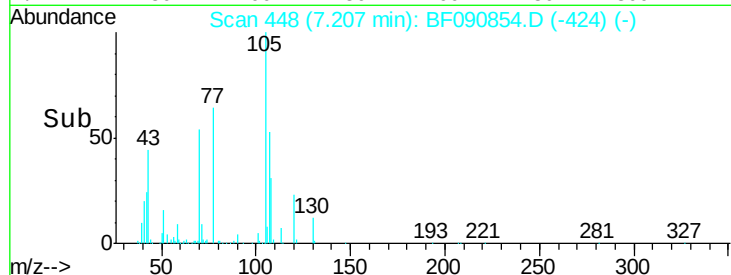
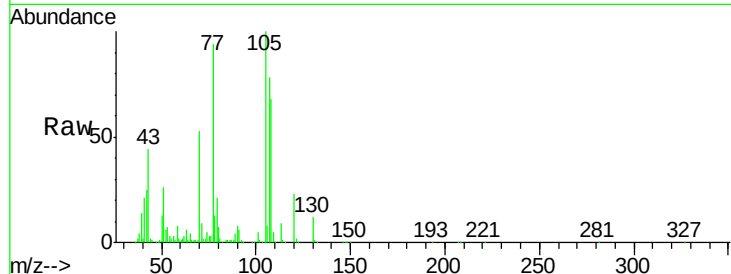
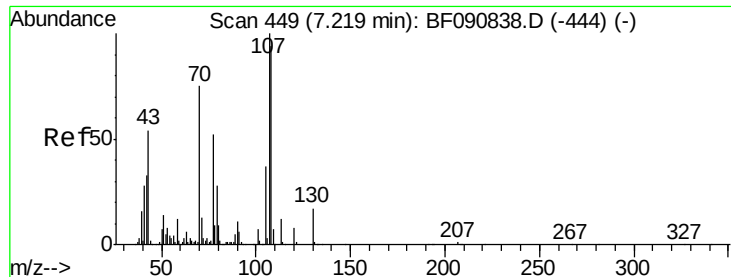
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#18
Hexachloroethane
Concen: 42.62 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	83.8	125.6	
201	93.7	55.1	82.7	





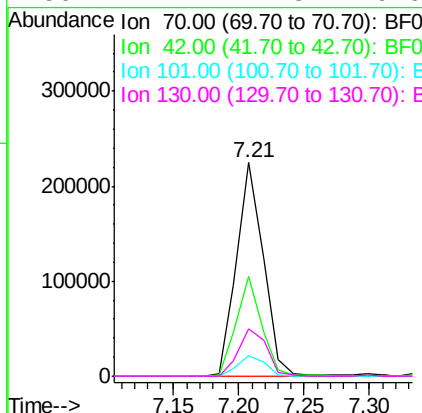
#19
n-Nitroso-di-n-propylamine
Concen: 47.69 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampleId :
C0AA0MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.6	63.8	95.6#
101	9.4	9.2	13.8
130	22.1	27.3	40.9#

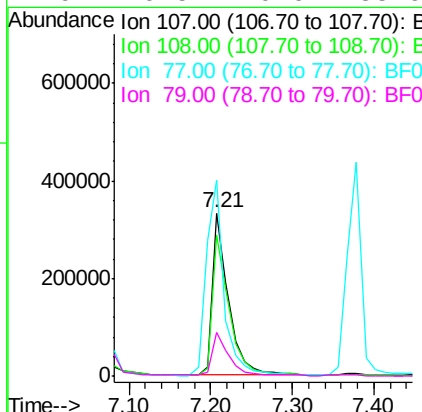
Manual Integrations
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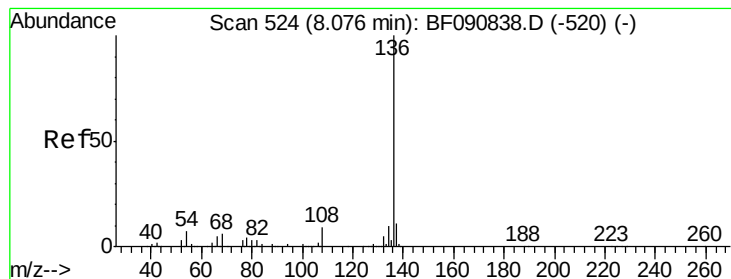
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#20
3+4-Methylphenols
Concen: 49.29 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	74.6	114.6
77	120.3	0.7	40.7#
79	26.5	0.0	38.9





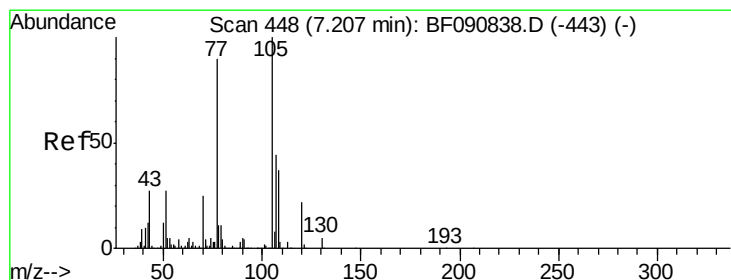
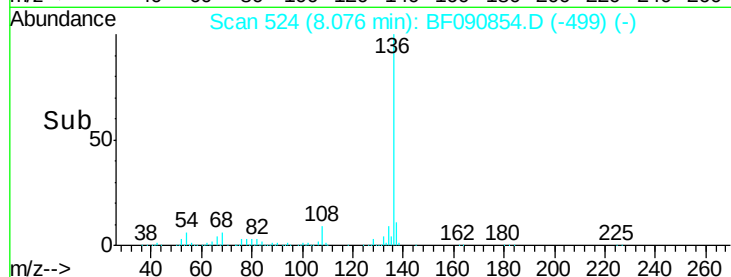
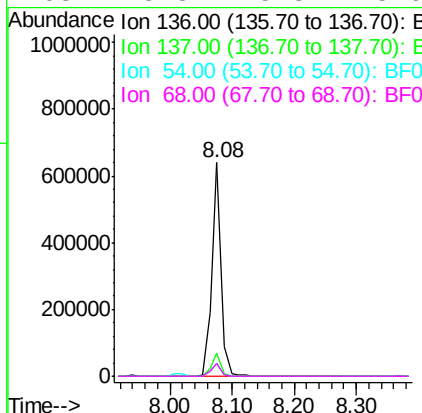
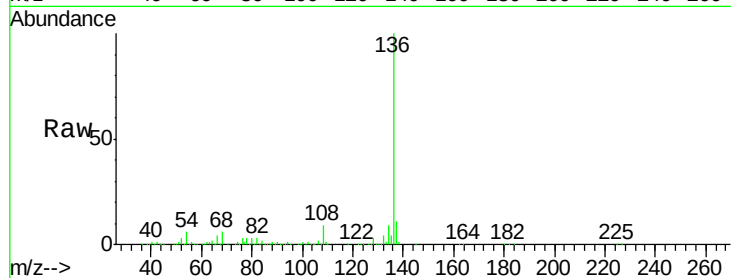
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampleId :
C0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	647739		
137	10.9	9.0	13.6	
54	6.2	8.2	12.2	
68	5.8	5.8	8.6	

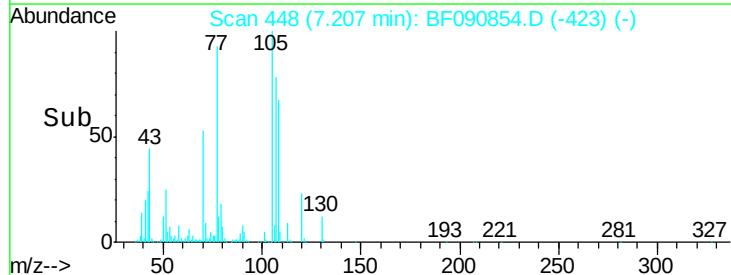
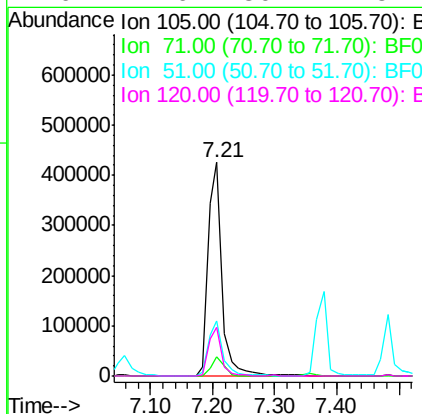
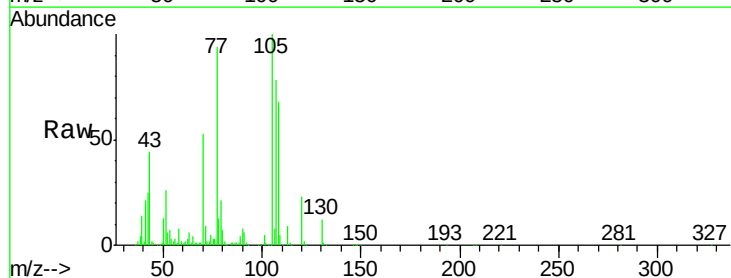
Manual Integrations
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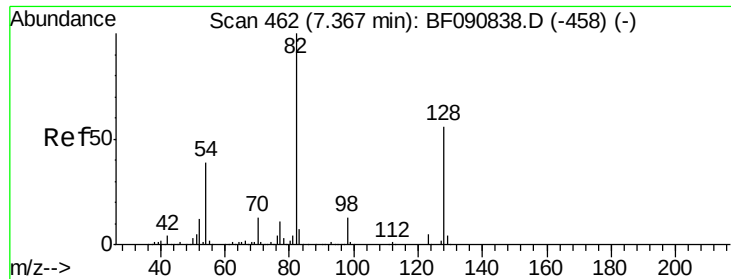
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#22
Acetophenone
Concen: 49.17 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	655239		
71	8.8	4.7	7.1	
51	26.0	22.0	33.0	
120	22.6	30.1	45.1	





#23

Nitrobenzene-d5

Concen: 94.05 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

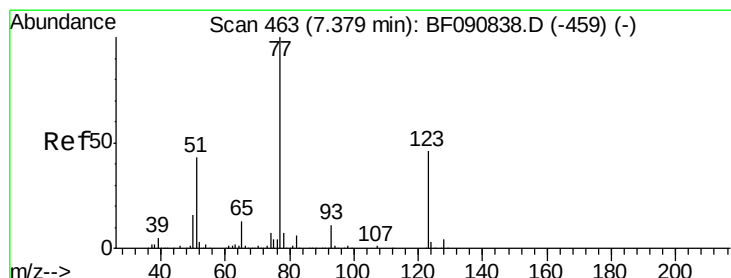
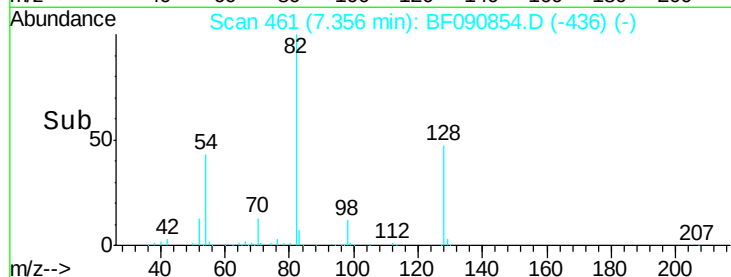
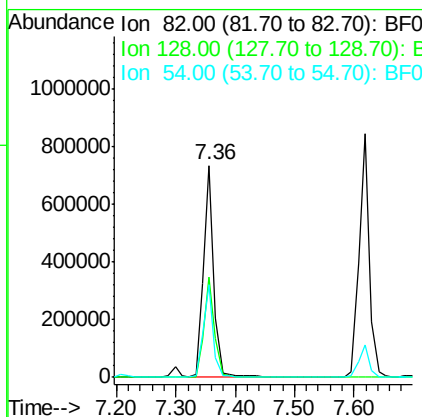
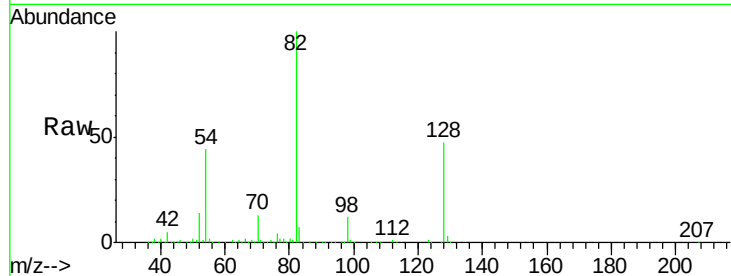
ClientSampleId :

C0AA0MS

Tot Ion:	82	Resp:	930551
Ion Ratio	Lower	Upper	
82	100		
128	47.3	51.0	76.6#
54	43.5	47.5	71.3#

Manual Integrations
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#24

Nitrobenzene

Concen: 49.45 ng

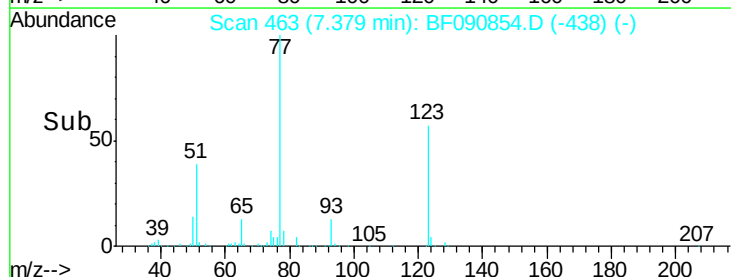
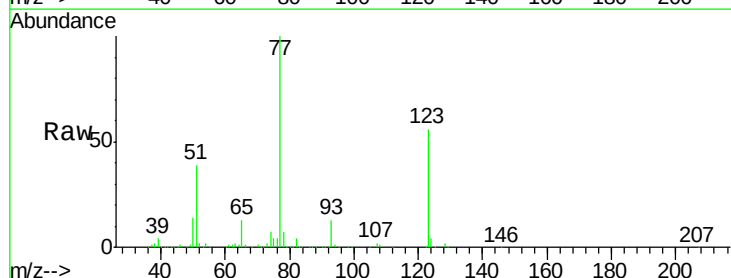
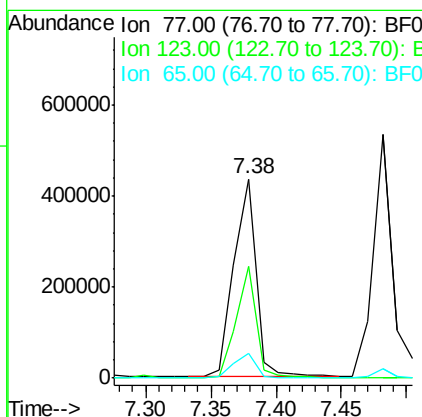
RT: 7.38 min Scan# 463

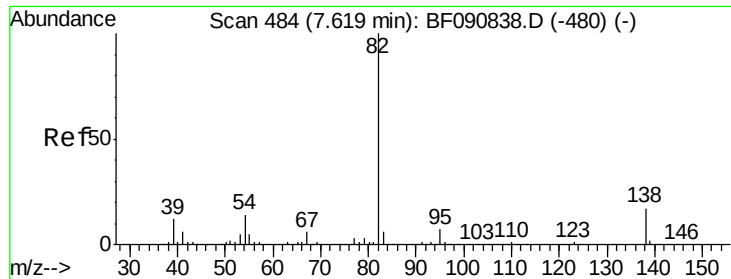
Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tgt Ion:	77	Resp:	517525
Ion Ratio	Lower	Upper	
77	100		
123	56.0	59.8	89.8#
65	12.5	10.2	15.4





#25

Isophorone

Concen: 50.44 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

Tot Ion: 82 Resp: 1012864

Ion Ratio Lower Upper

82 100

95 7.0 4.0 6.0#

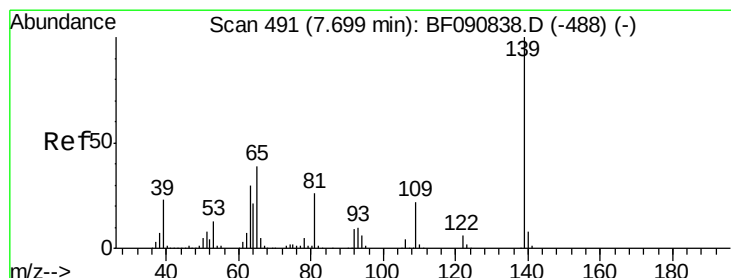
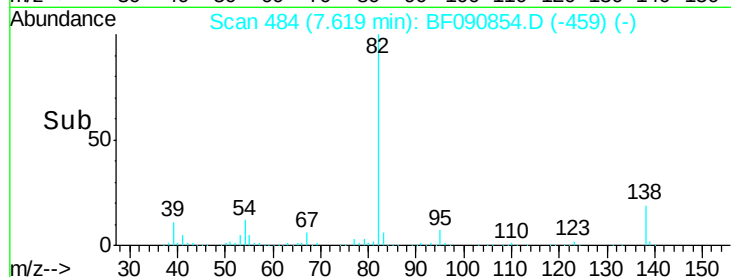
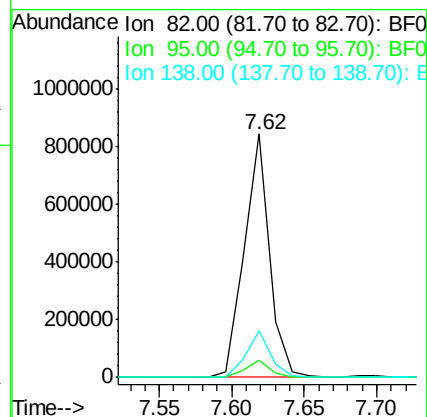
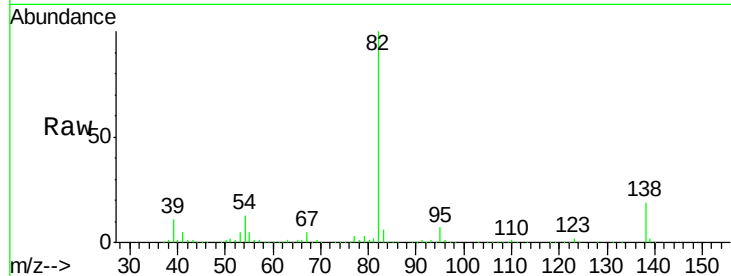
138 19.2 18.3 27.5

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.61 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

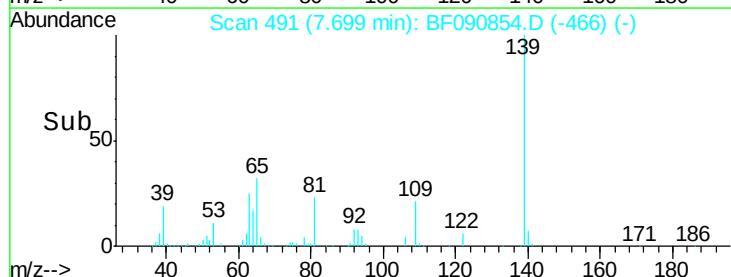
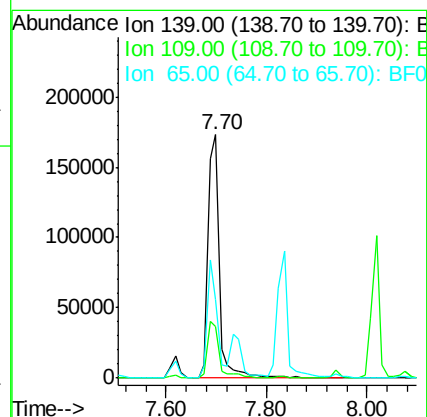
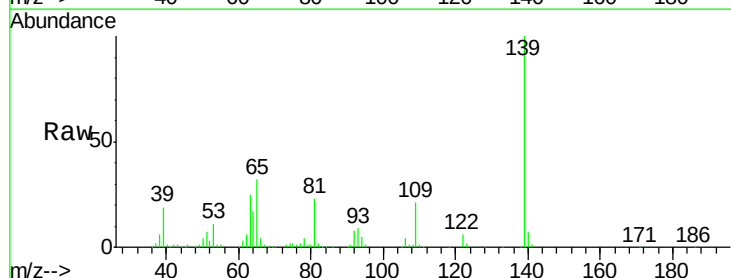
Tgt Ion: 139 Resp: 272512

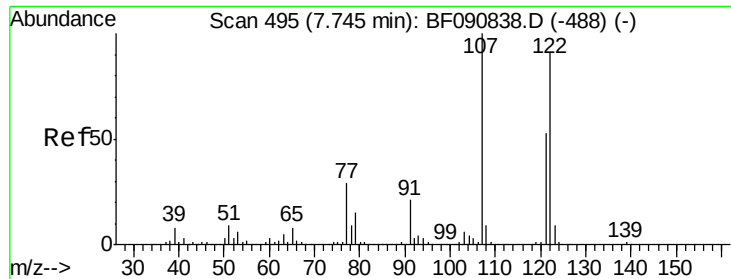
Ion Ratio Lower Upper

139 100

109 21.0 11.0 16.4#

65 32.3 24.7 37.1





#27

2,4-Dimethylphenol

Concen: 54.55 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

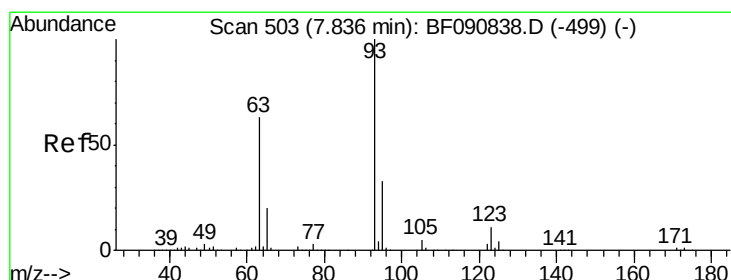
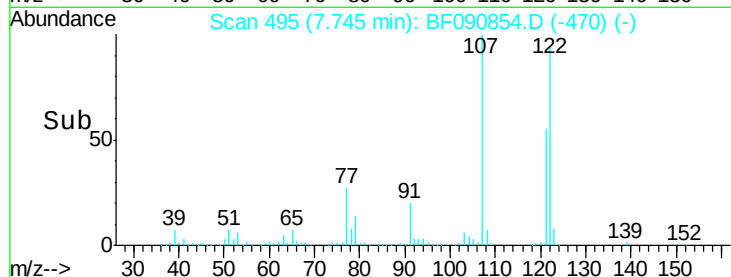
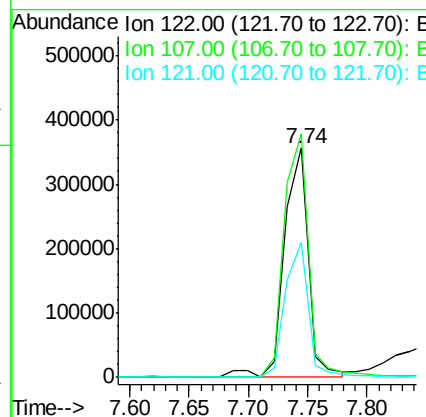
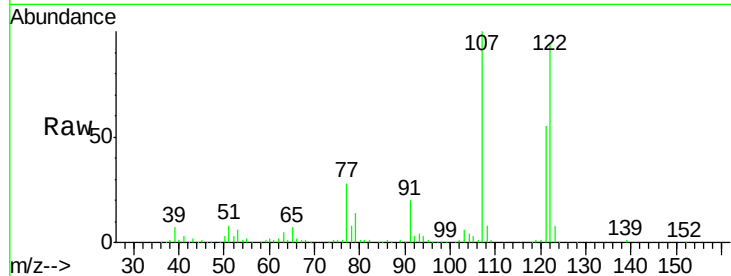
ClientSampleId :

C0AA0MS

Tot Ion:	122	Resp:	495171
Ion Ratio	Lower	Upper	
122	100		
107	106.3	71.8	107.6
121	58.7	42.3	63.5

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#28

bis(2-Chloroethoxy)methane

Concen: 54.06 ng

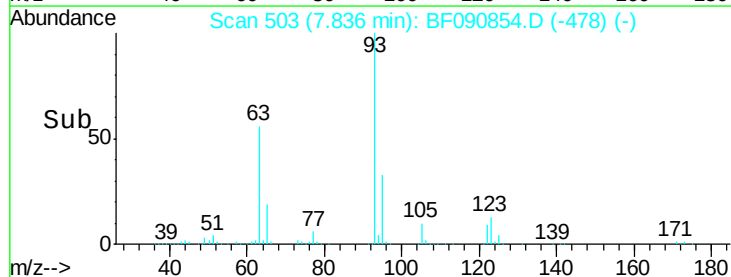
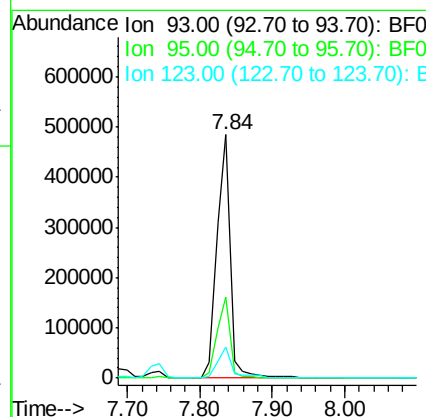
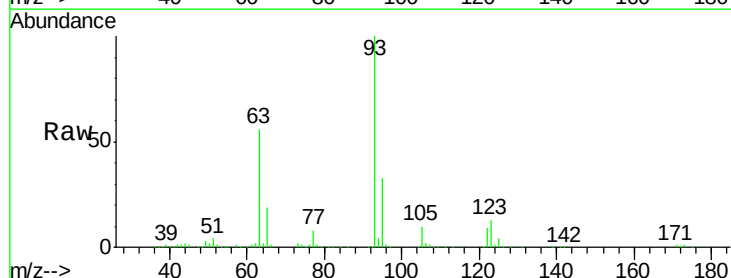
RT: 7.84 min Scan# 503

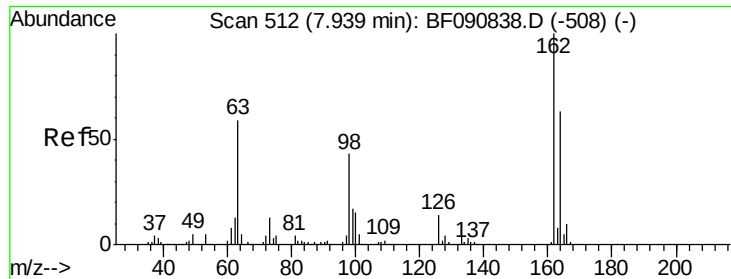
Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tgt Ion:	93	Resp:	617421
Ion Ratio	Lower	Upper	
93	100		
95	33.4	27.5	41.3
123	12.7	13.7	20.5#





#29

2,4-Dichlorophenol

Concen: 51.46 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

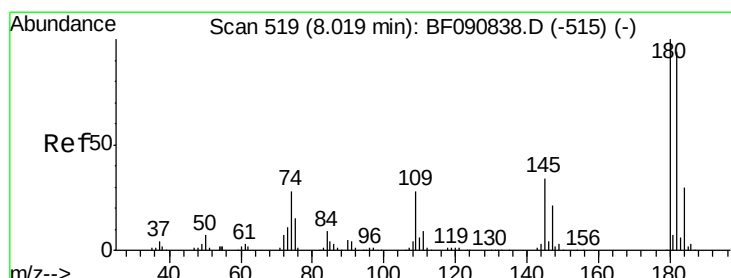
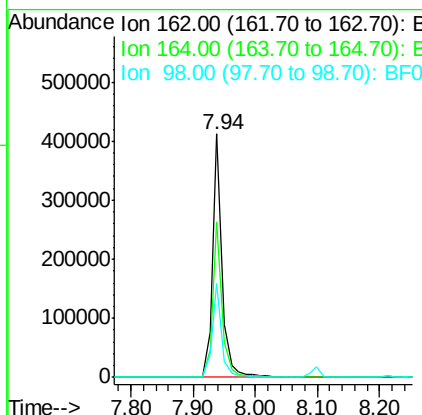
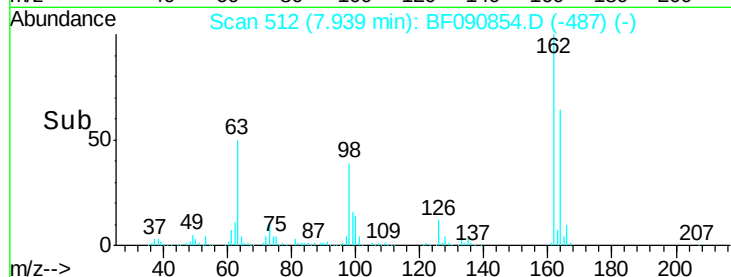
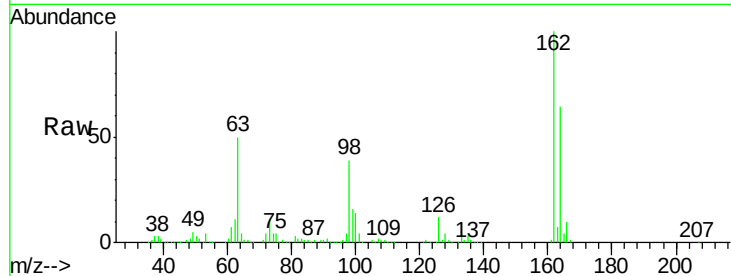
ClientSampled :

C0AA0MS

Tot Ion:	162	Resp:	432487
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.9	84.9
98	38.6	13.0	53.0

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#30

1,2,4-Trichlorobenzene

Concen: 47.51 ng

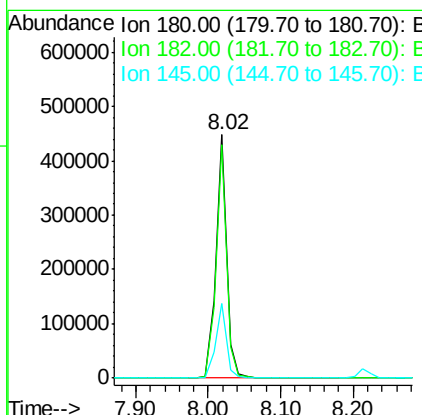
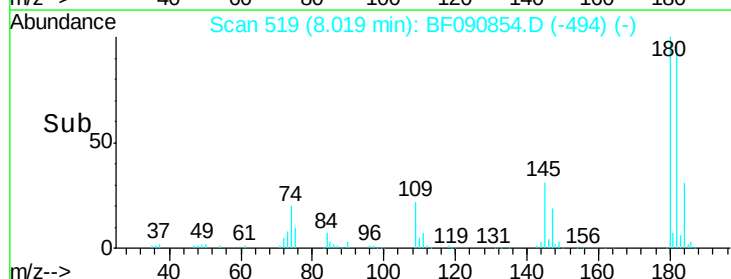
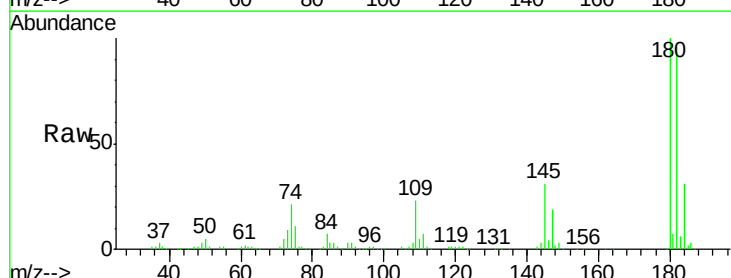
RT: 8.02 min Scan# 519

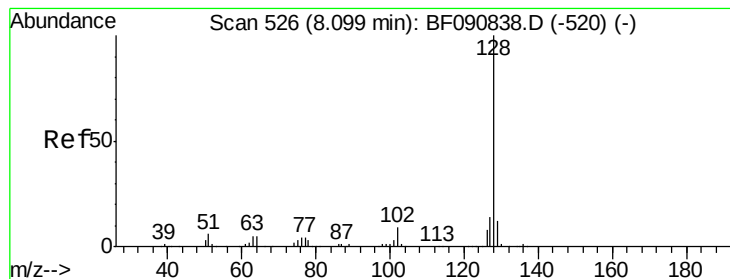
Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tgt Ion:	180	Resp:	461483
Ion Ratio	Lower	Upper	
180	100		
182	96.0	77.1	115.7
145	30.6	23.3	34.9





#31

Naphthalene

Concen: 48.38 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

Tot Ion:128 Resp: 1464936

Ion Ratio Lower Upper

128 100

129 11.7 8.4 12.6

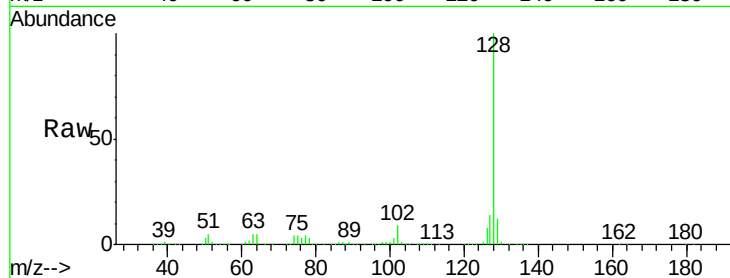
127 13.7 9.9 14.9

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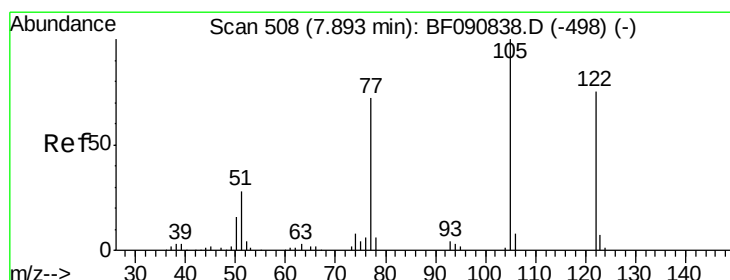
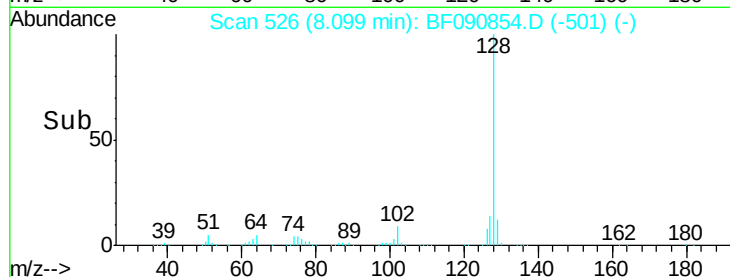
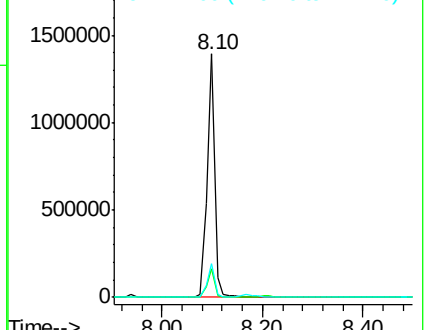
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.59 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

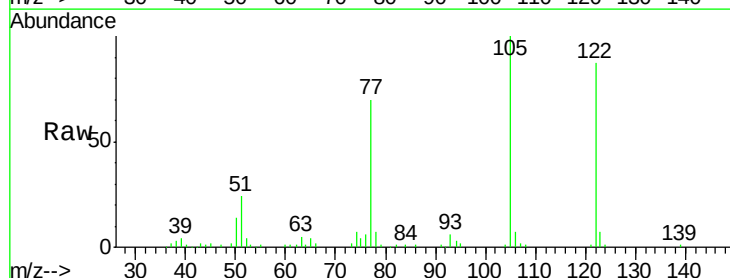
Tgt Ion:122 Resp: 274068

Ion Ratio Lower Upper

122 100

105 114.5 76.1 116.1

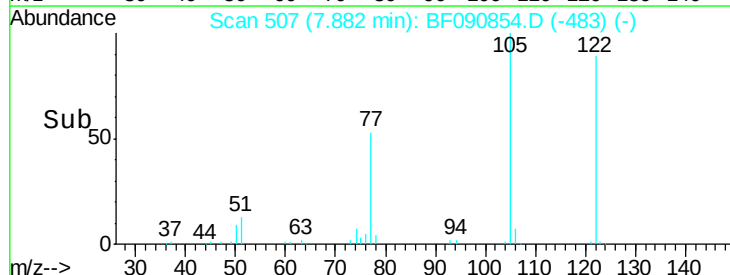
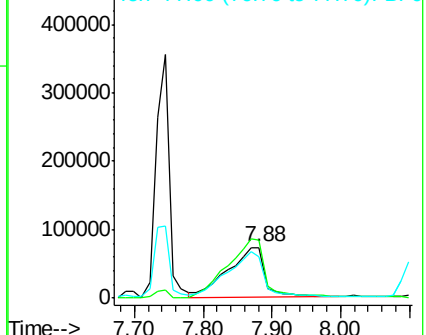
77 80.1 40.5 80.5

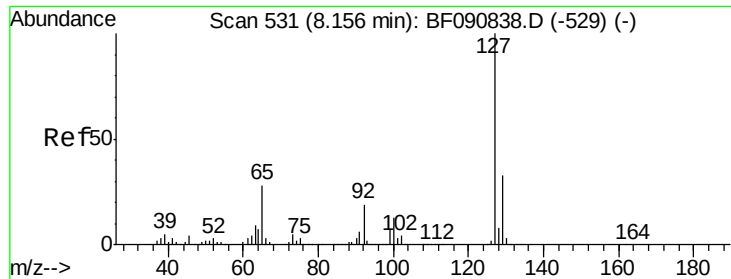


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





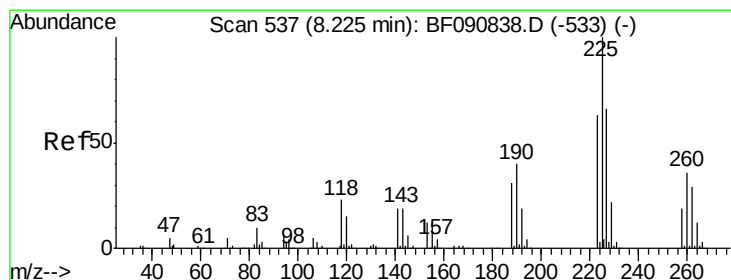
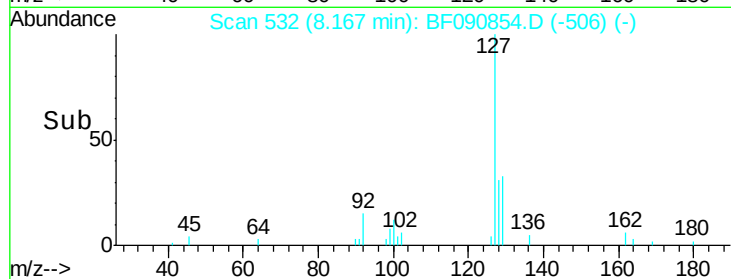
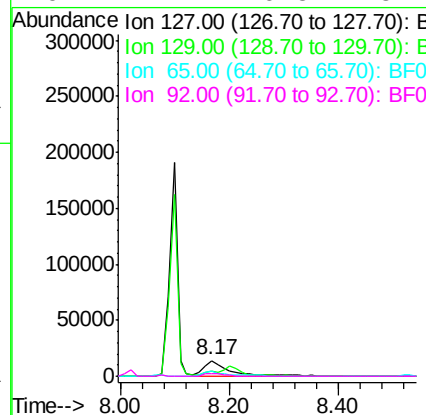
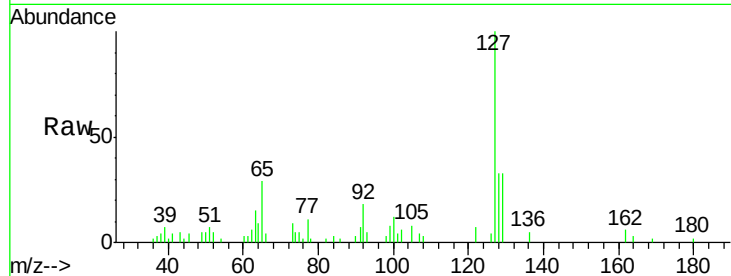
#33
4-Chloroaniline
Concen: 3.59 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampled :
C0AA0MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		43897		
129	32.6	25.8	38.6		
65	29.3	17.9	26.9		
92	17.7	10.5	15.7		

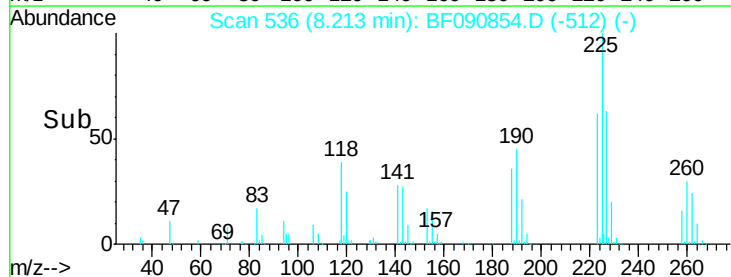
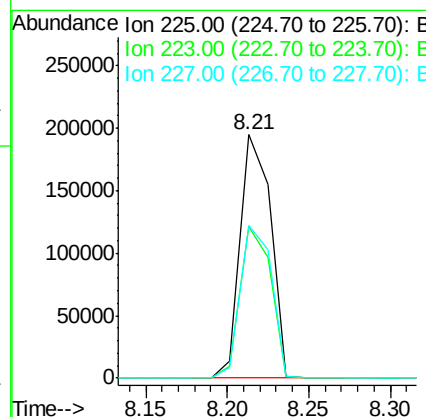
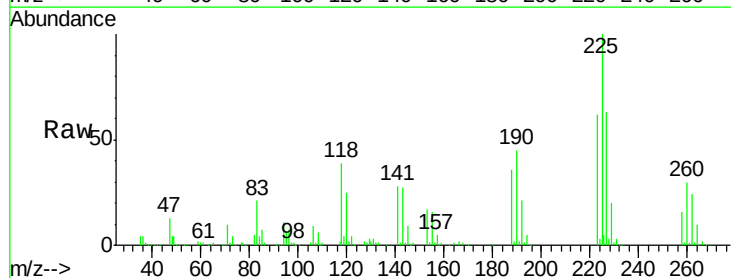
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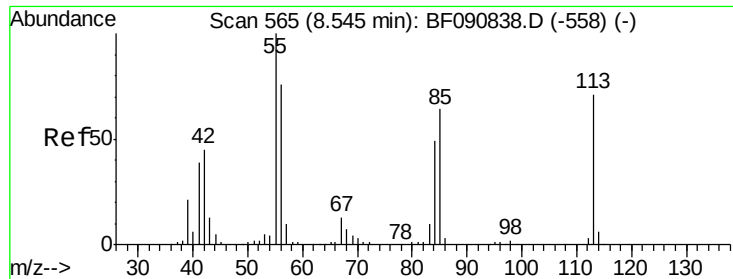
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#34
Hexachlorobutadiene
Concen: 43.88 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		250590		
223	62.2	50.2	75.2		
227	62.7	52.2	78.2		





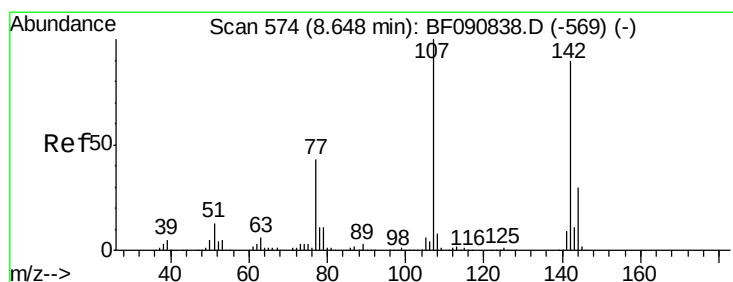
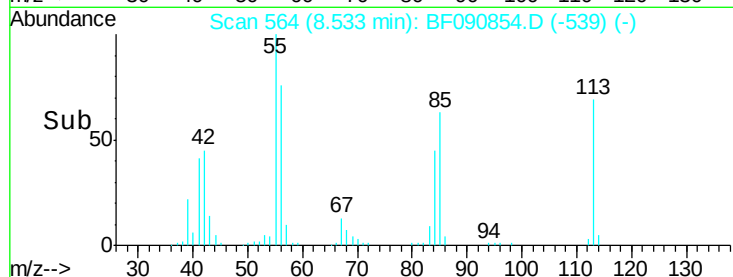
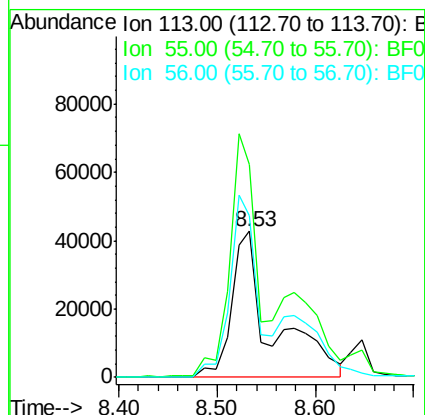
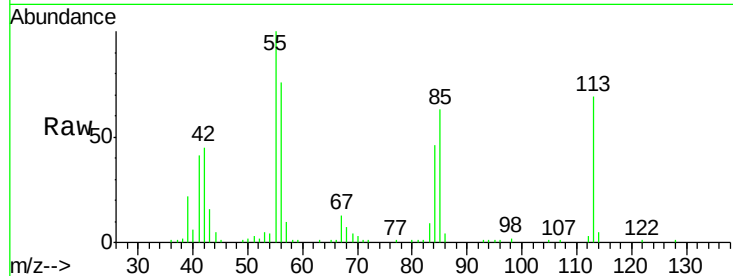
#35
 Caprolactam
 Concen: 47.00 ng/ml
 RT: 8.53 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Instrument :
 BNA_F
 ClientSampleID :
 C0AA0MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	145.5	152.4	192.4#
56	111.2	104.6	144.6

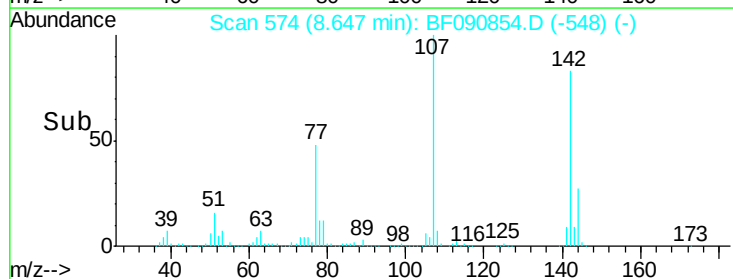
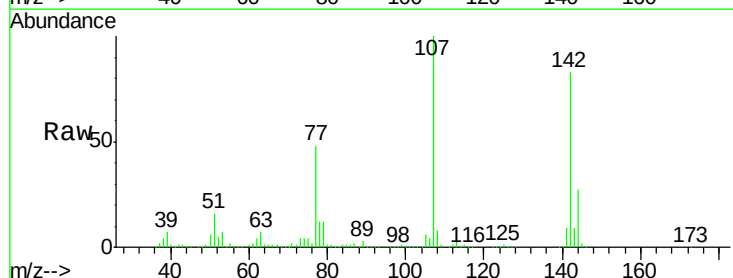
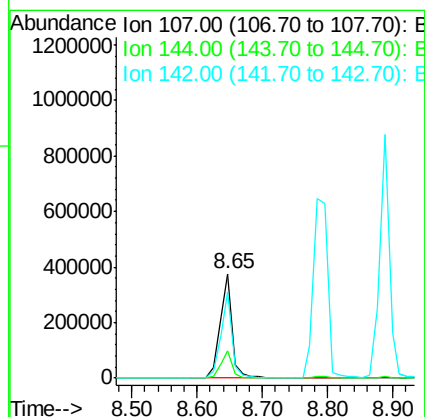
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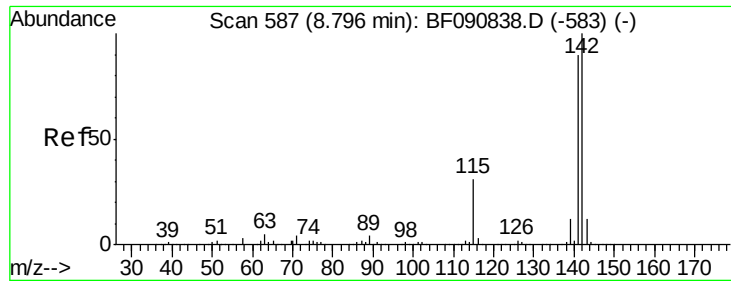
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#36
 4-Chloro-3-methylphenol
 Concen: 54.25 ng/ml
 RT: 8.65 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	25.4	38.0
142	82.7	77.3	115.9





#37

2-Methylnaphthalene

Concen: 50.14 ng

RT: 8.78 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

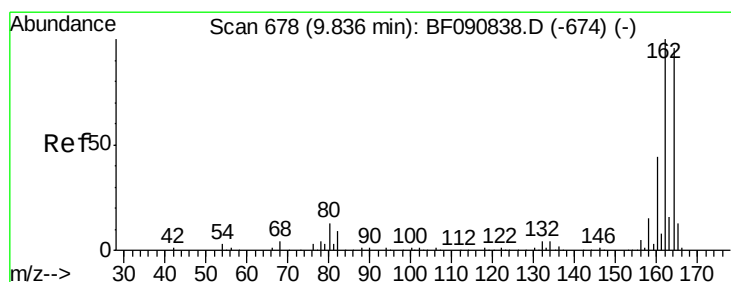
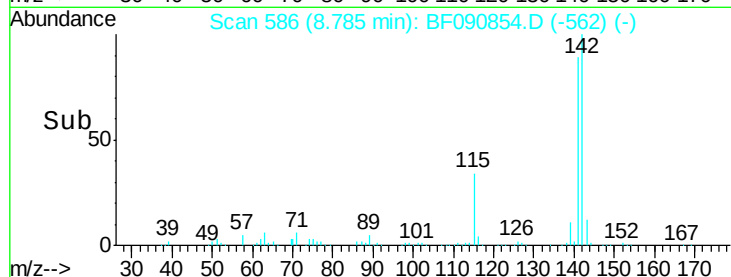
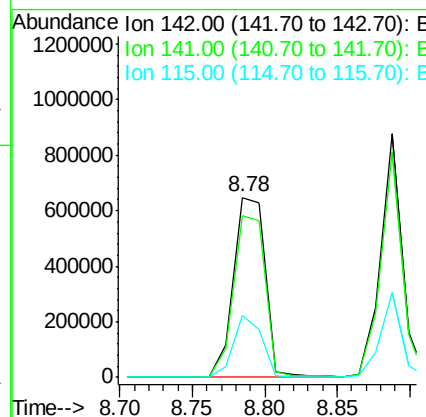
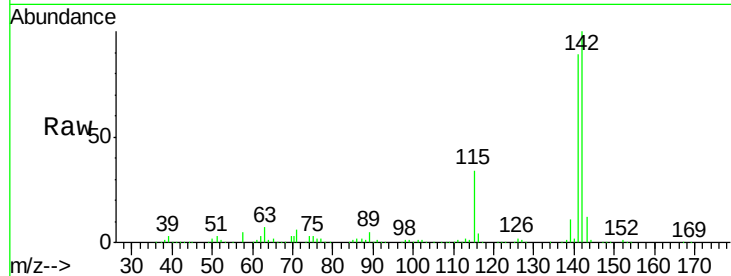
ClientSampleId :

C0AA0MS

Tot Ion:	142	Resp:	980620
Ion Ratio	Lower	Upper	
142	100		
141	89.5	67.5	101.3
115	34.4	18.2	27.2#

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#38

Acenaphthene-d10

Concen: 20.00 ng

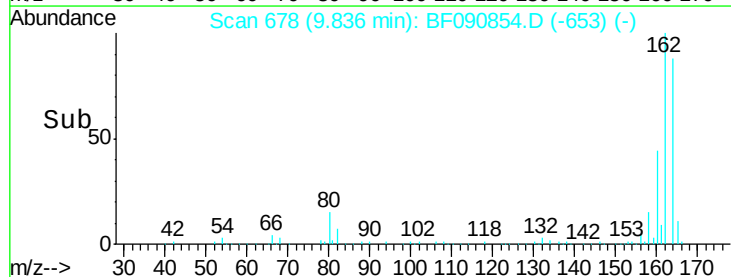
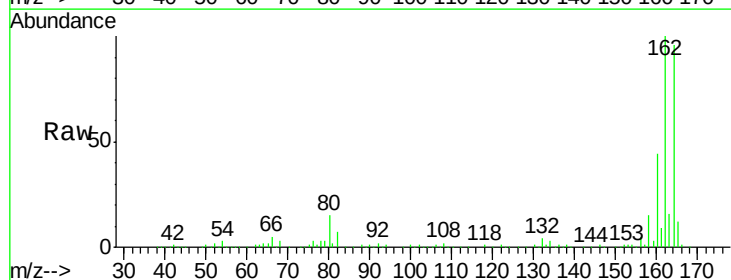
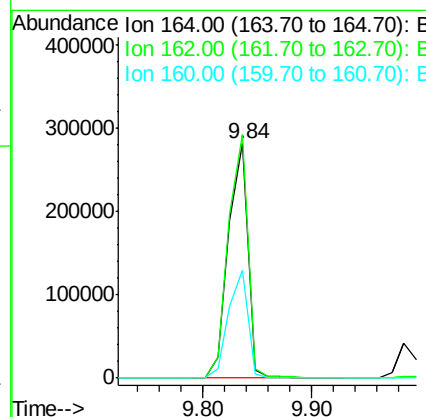
RT: 9.84 min Scan# 678

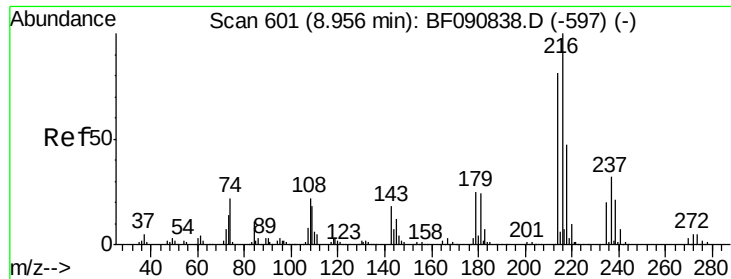
Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tgt Ion:	164	Resp:	351403
Ion Ratio	Lower	Upper	
164	100		
162	103.8	75.2	112.8
160	45.8	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.20 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

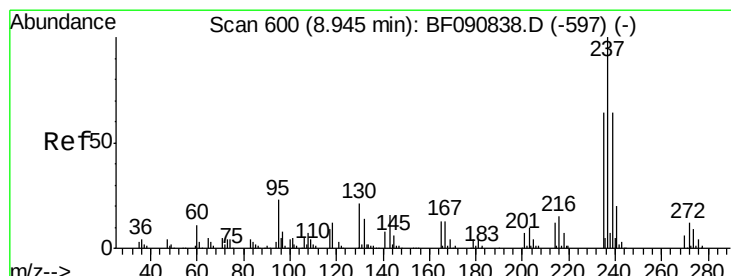
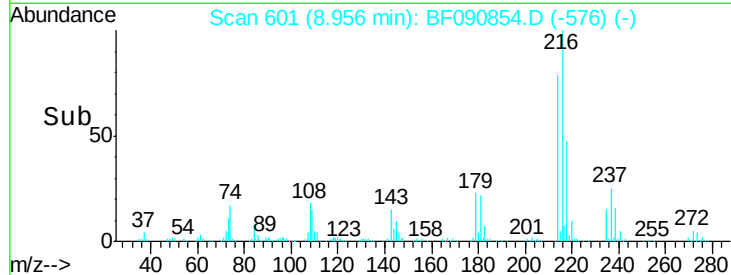
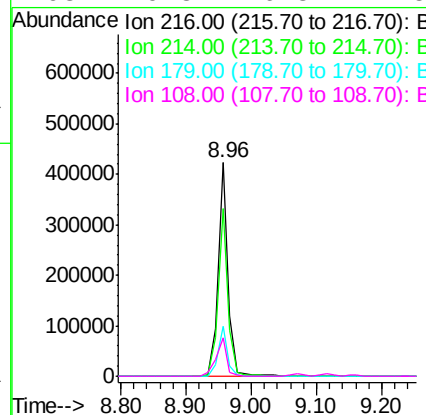
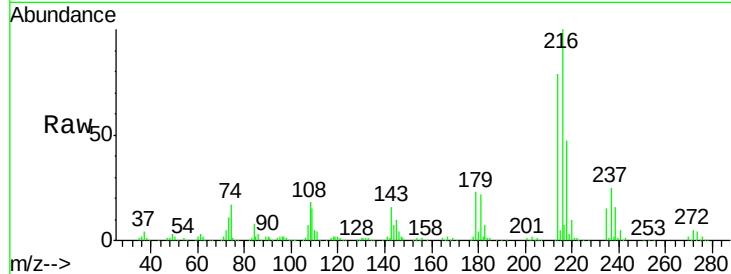
ClientSampled :

C0AA0MS

Tot Ion:	216	Resp:	454995
Ion Ratio		Lower	Upper
216	100		
214	78.7	63.5	95.3
179	22.0	16.6	24.8
108	19.8	16.3	24.5

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#40

Hexachlorocyclopentadiene

Concen: 112.62 ng

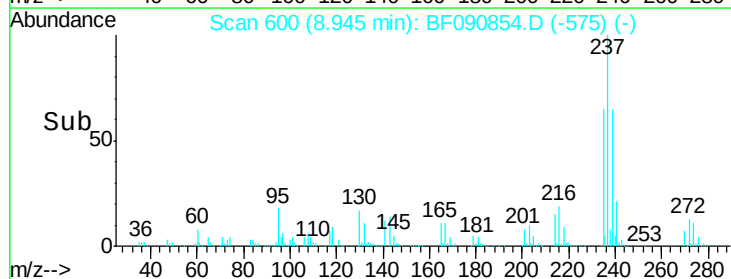
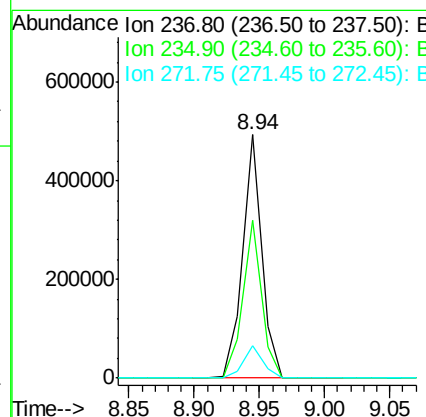
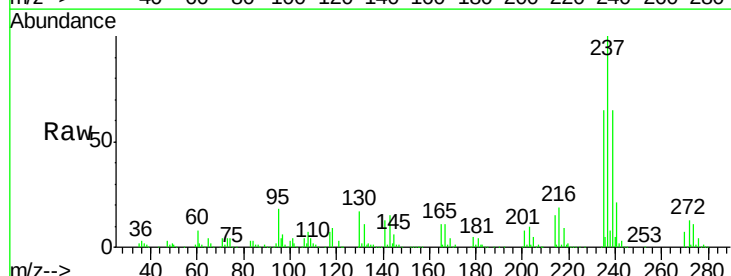
RT: 8.94 min Scan# 600

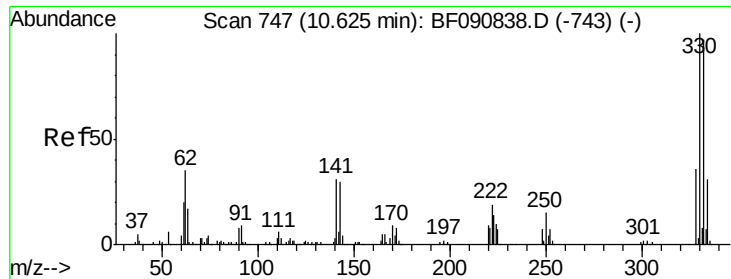
Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tgt Ion:	237	Resp:	499463
Ion Ratio		Lower	Upper
237	100		
235	64.6	42.0	82.0
272	13.5	0.0	36.1





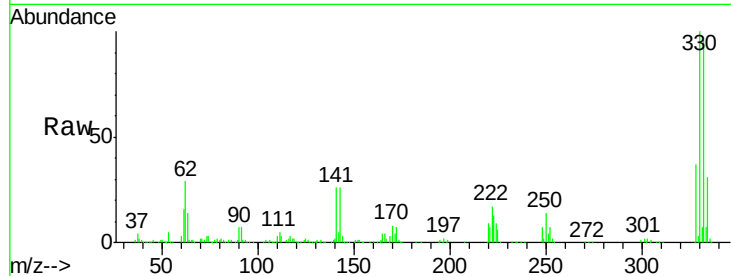
#41
 2,4,6-Tribromophenol
 Concen: 149.76 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

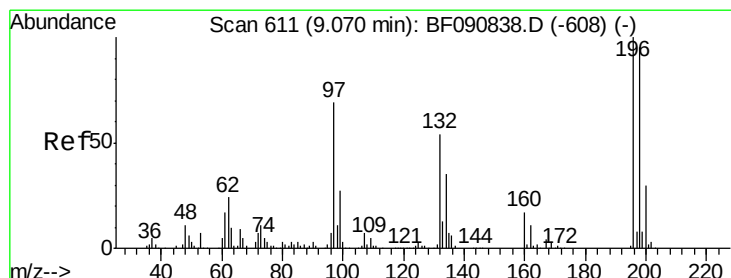
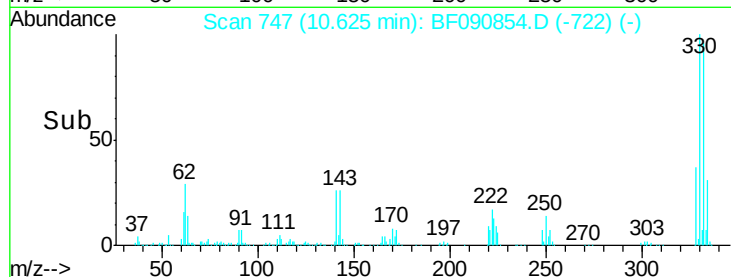
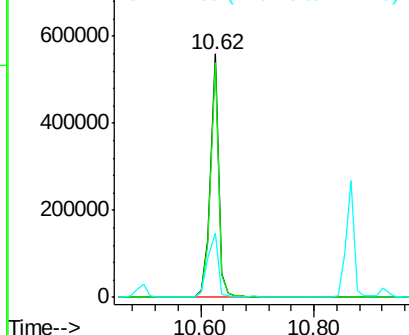
Tot Ion	Ratio	Resp	Lower	Upper
330	100	540825		
332	96.1	76.6	114.8	
141	33.2	29.7	44.5	

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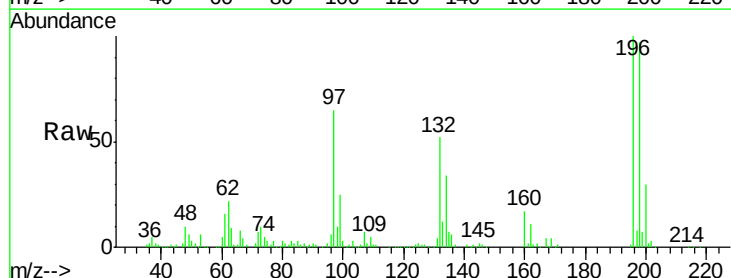


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

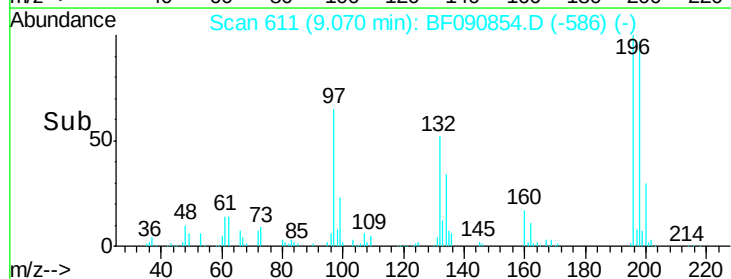
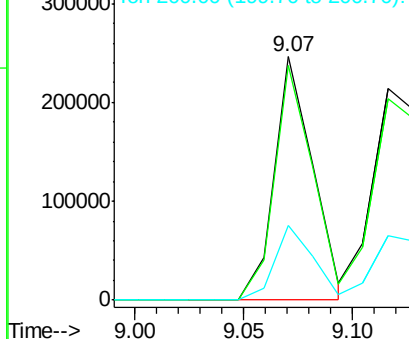


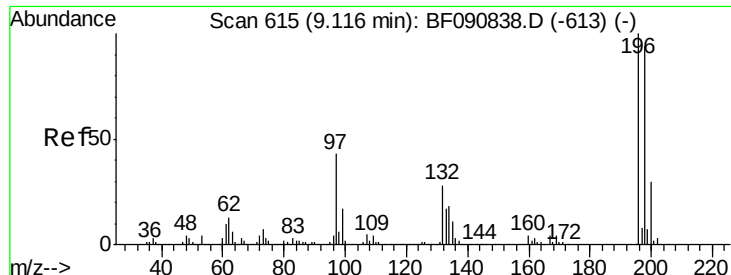
#42
 2,4,6-Trichlorophenol
 Concen: 49.01 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	305049		
198	96.5	75.7	113.5	
200	30.5	23.9	35.9	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





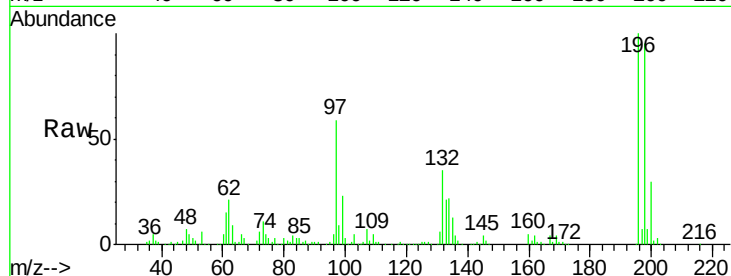
#43
 2,4,5-Trichlorophenol
 Concen: 53.74 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

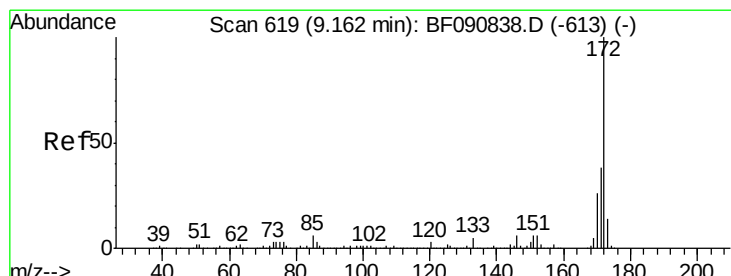
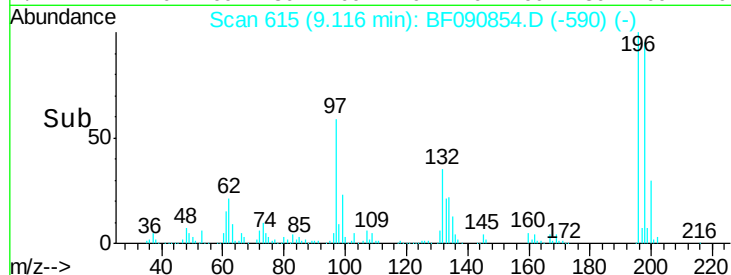
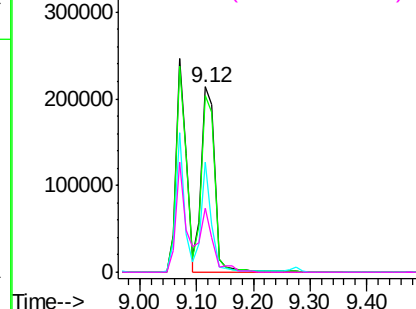
Tot Ion:	196	Resp:	344495
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.4	113.0
97	59.3	33.3	49.9
132	34.9	24.6	37.0

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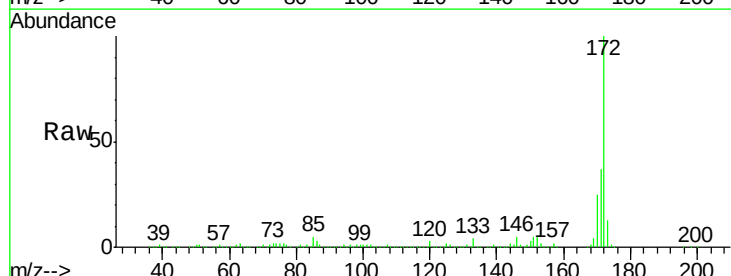


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

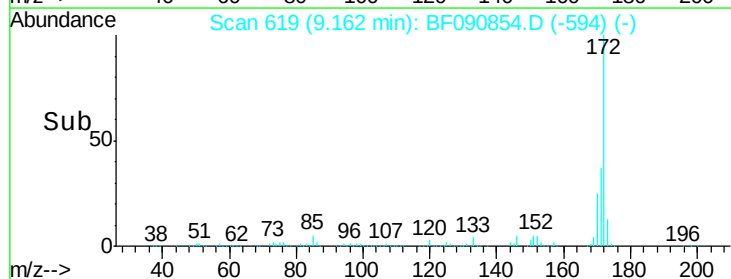
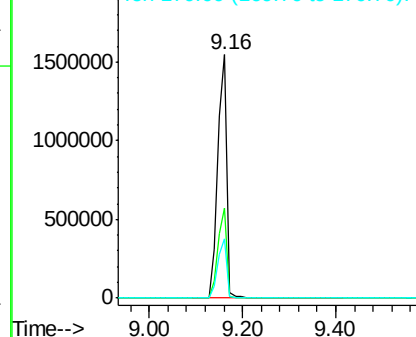


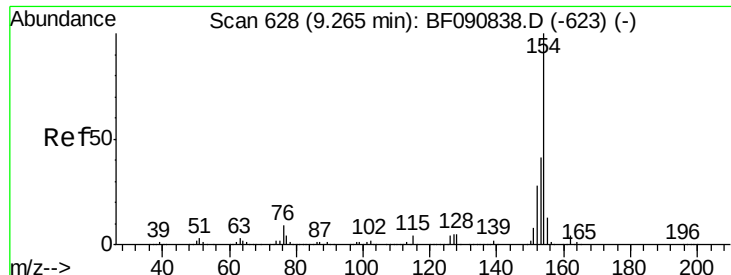
#44
 2-Fluorobiphenyl
 Concen: 106.51 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion:	172	Resp:	2131535
Ion Ratio	Lower	Upper	
172	100		
171	36.8	26.1	39.1
170	24.6	17.4	26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





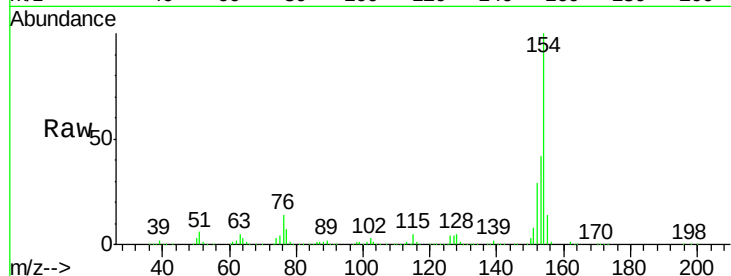
#45
 1,1'-Biphenyl
 Concen: 46.21 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

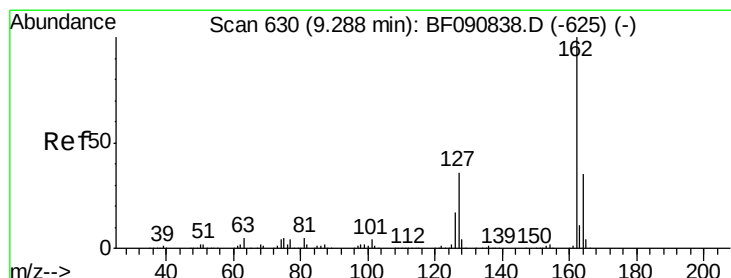
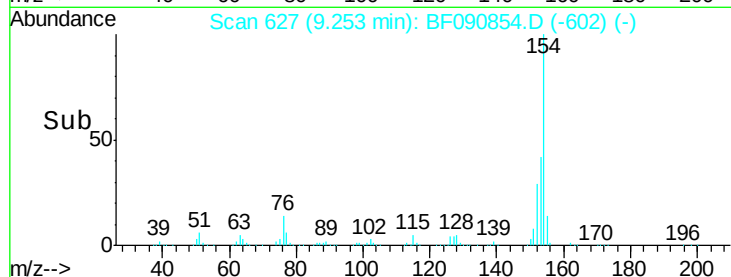
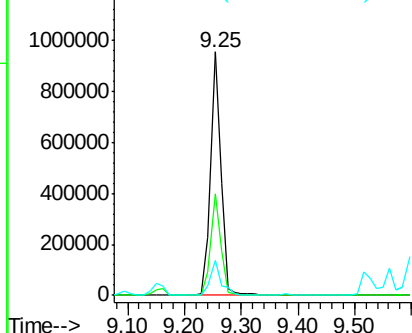
Tot Ion:154 Resp: 1169647
 Ion Ratio Lower Upper
 154 100
 153 41.6 17.1 57.1
 76 14.4 0.0 31.6

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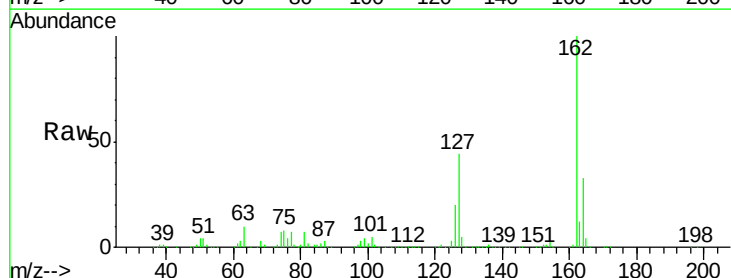


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

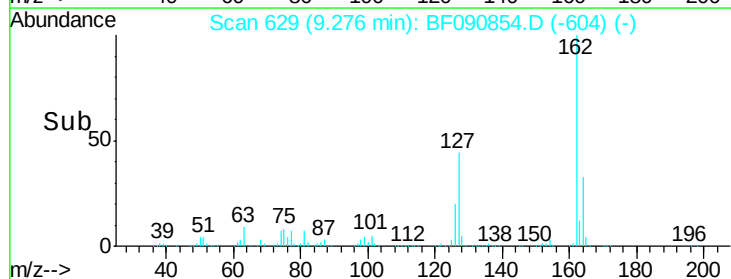
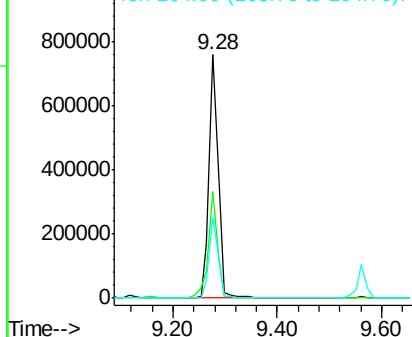


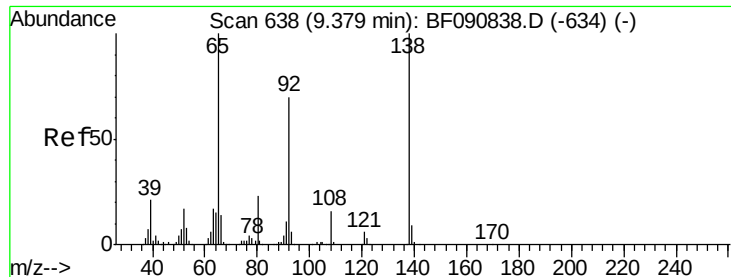
#46
 2-Chloronaphthalene
 Concen: 48.46 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion:162 Resp: 933085
 Ion Ratio Lower Upper
 162 100
 127 44.0 27.6 41.4#
 164 33.2 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: 54.41 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

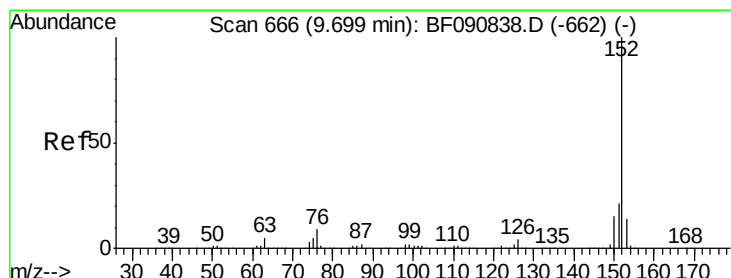
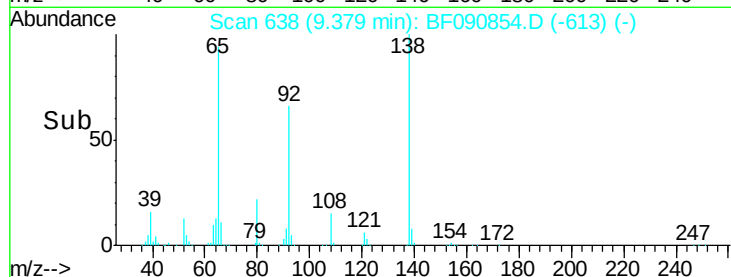
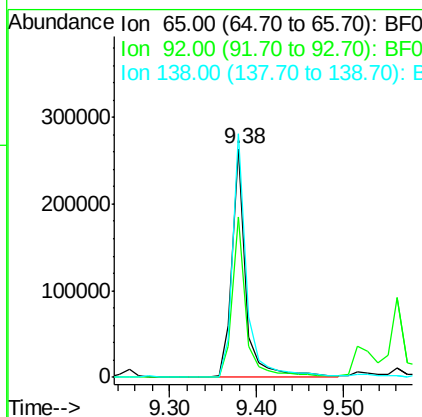
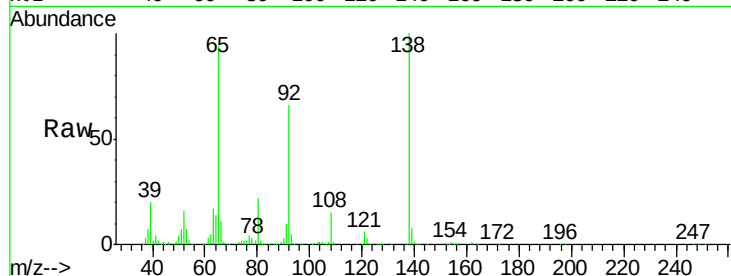
C0AA0MS

Tot Ion: 65 Resp: 295573
Ion Ratio Lower Upper

65	100		
92	70.3	55.4	83.0
138	106.4	115.5	173.3#

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#48

Acenaphthylene

Concen: 53.64 ng

RT: 9.70 min Scan# 666

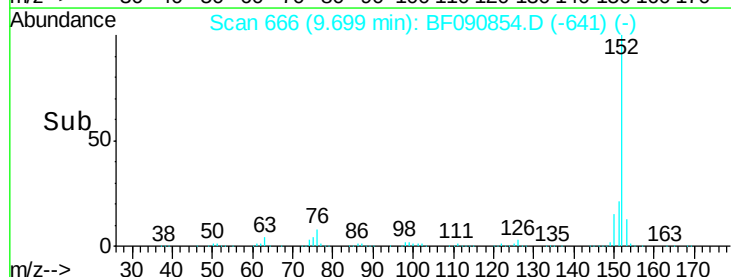
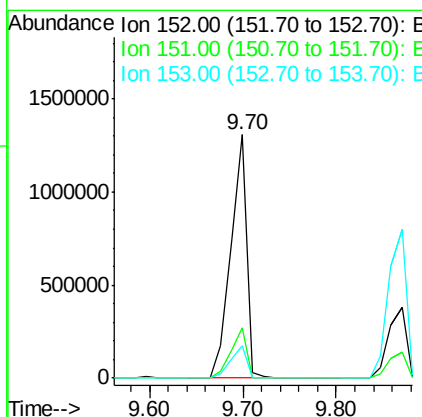
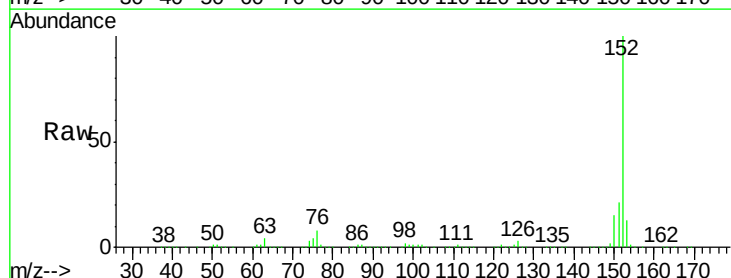
Delta R.T. -0.01 min

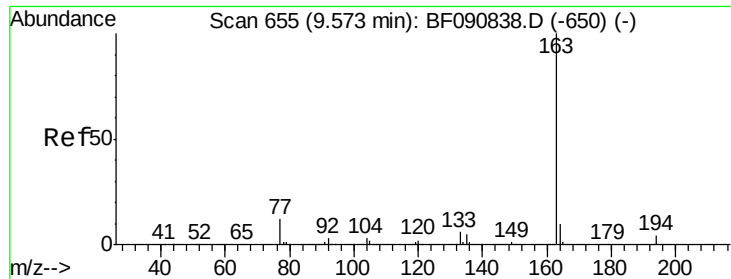
Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tgt Ion: 152 Resp: 1563899
Ion Ratio Lower Upper

152	100		
151	20.5	14.6	22.0
153	13.3	10.3	15.5





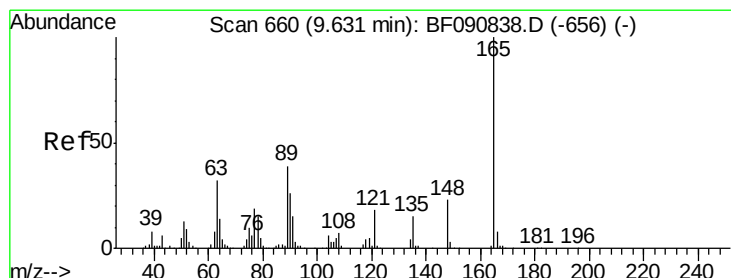
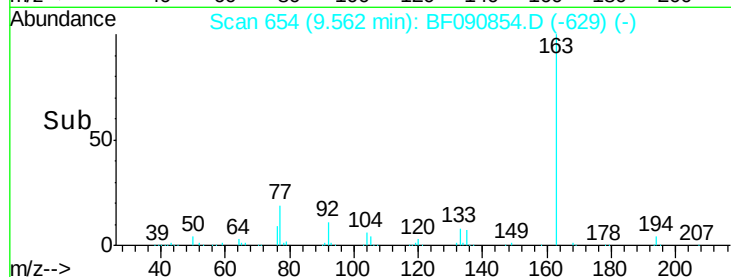
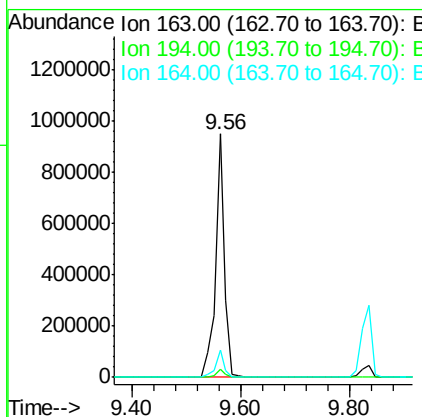
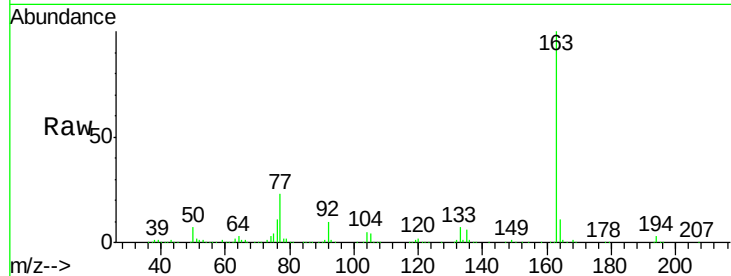
#49
Dimethylphthalate
Concen: 47.40 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampleId :
C0AA0MS

Tot Ion:163 Resp: 1112898
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 11.0 8.3 12.5

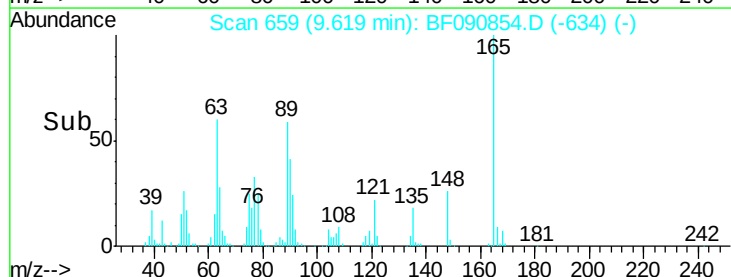
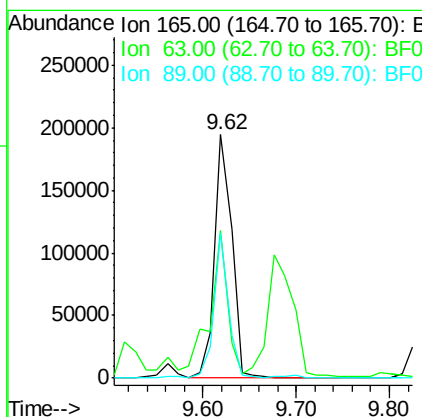
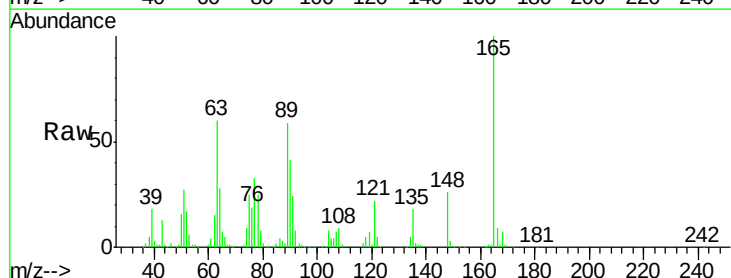
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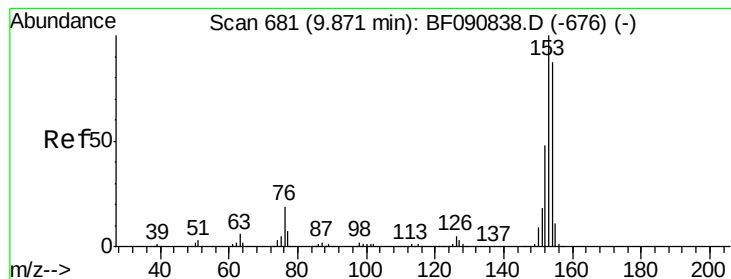
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#50
2,6-Dinitrotoluene
Concen: 48.23 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion:165 Resp: 250096
Ion Ratio Lower Upper
165 100
63 60.5 32.3 48.5#
89 59.4 28.6 43.0#





#51

Acenaphthene

Concen: 55.12 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

Tot Ion:154 Resp: 1106715

Ion Ratio Lower Upper

154 100

153 114.3 82.1 123.1

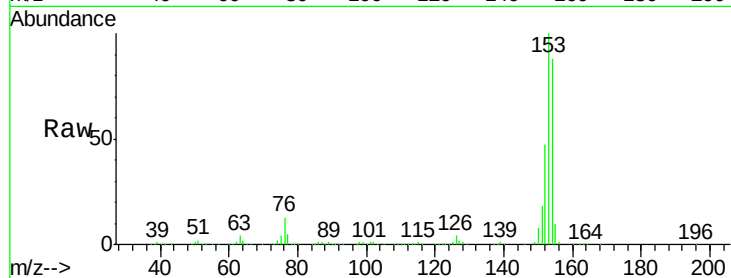
152 54.3 37.9 56.9

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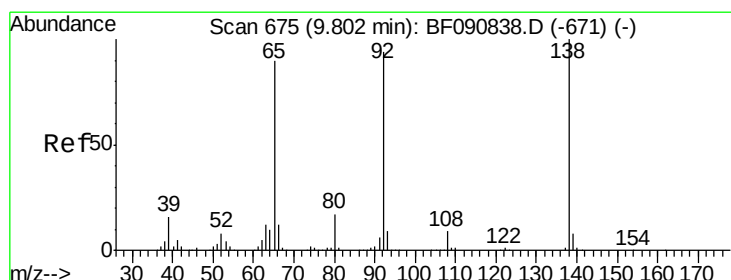
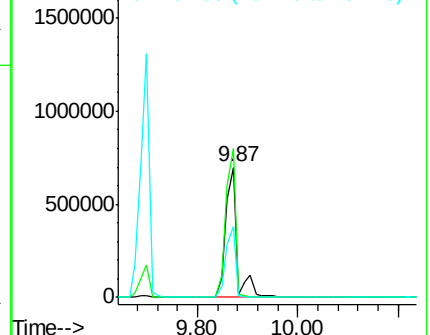
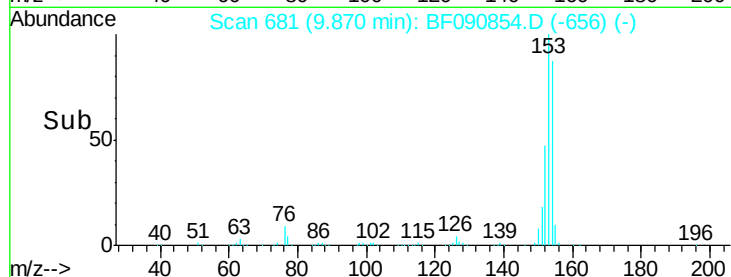
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 6.75 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

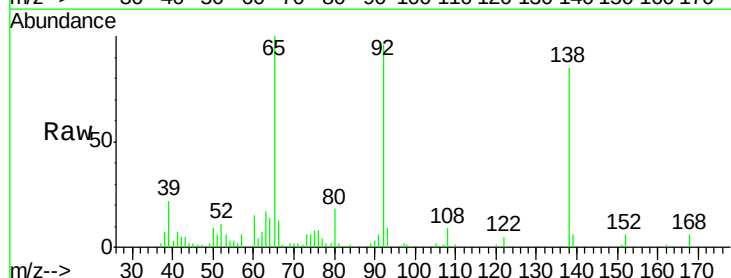
Tgt Ion:138 Resp: 37240

Ion Ratio Lower Upper

138 100

108 10.4 5.7 8.5#

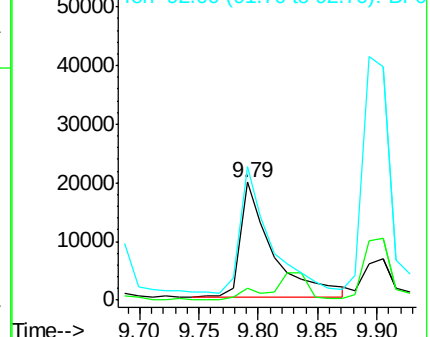
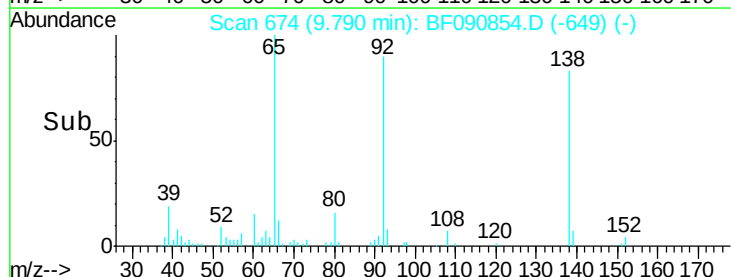
92 114.0 67.7 101.5#

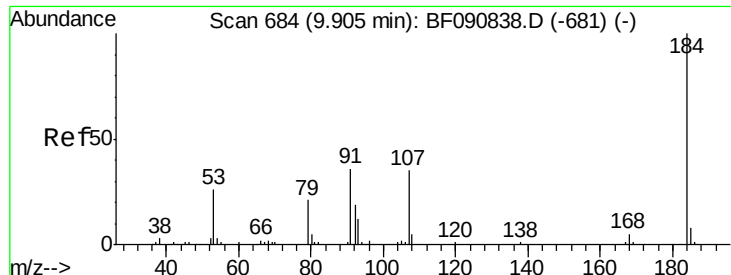


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





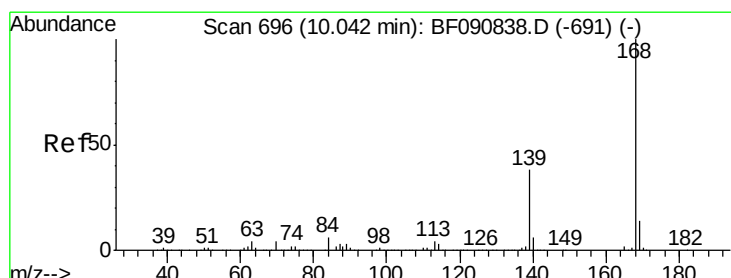
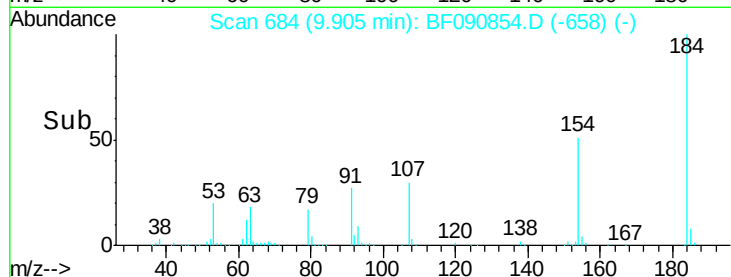
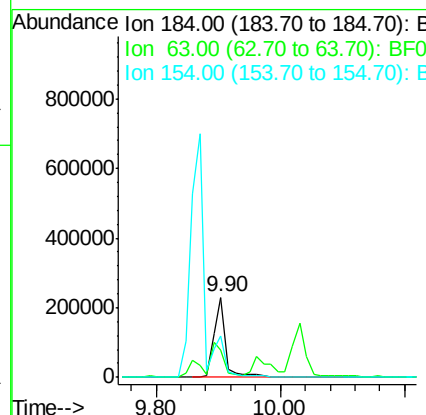
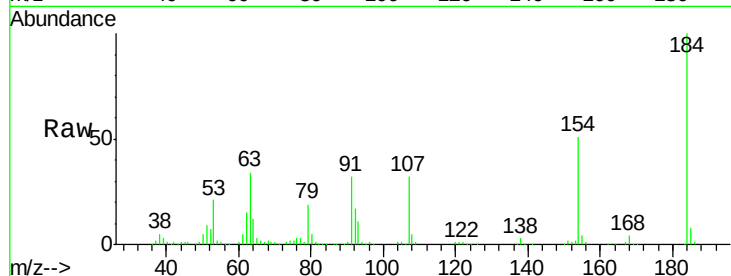
#53
2,4-Dinitrophenol
Concen: 112.95 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampleId :
C0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	308310		
63	33.8	35.4	53.2#	
154	51.1	32.2	48.4#	

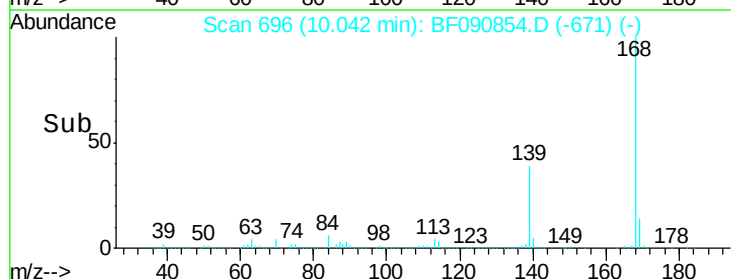
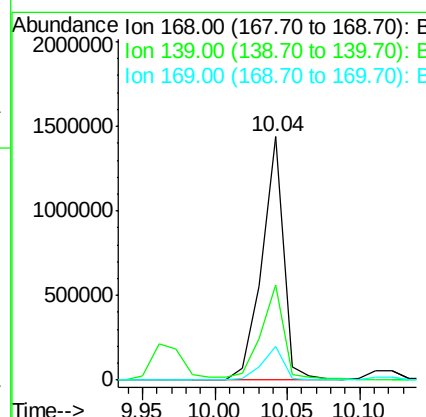
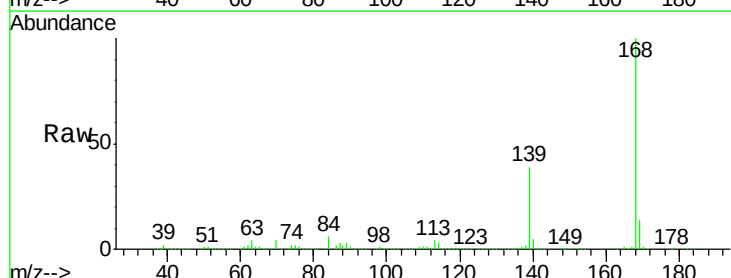
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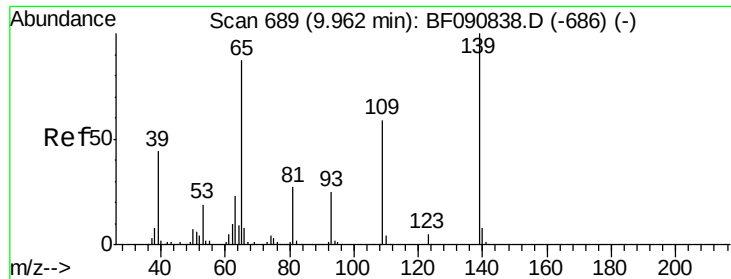
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#54
Dibenzofuran
Concen: 57.69 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1494854		
139	38.9	24.2	36.2#	
169	13.6	10.6	15.8	





#55

4-Nitrophenol

Concen: 99.78 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

Tot Ion:139 Resp: 335899
Ion Ratio Lower Upper

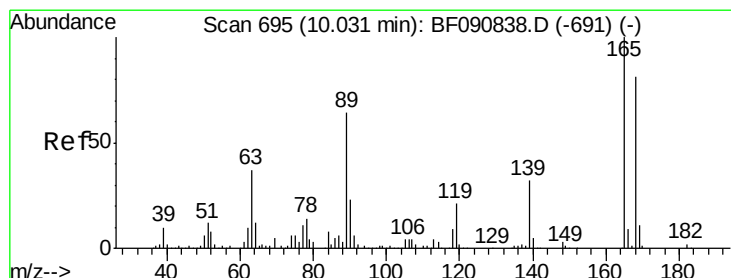
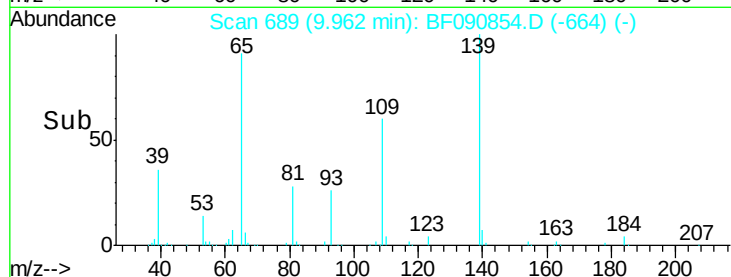
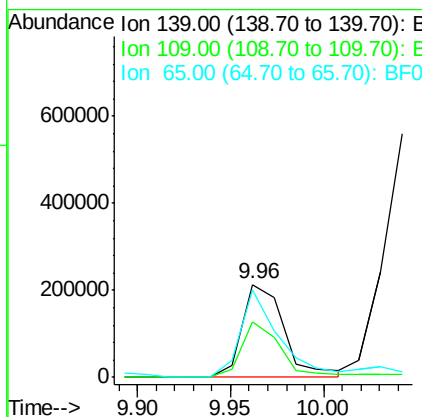
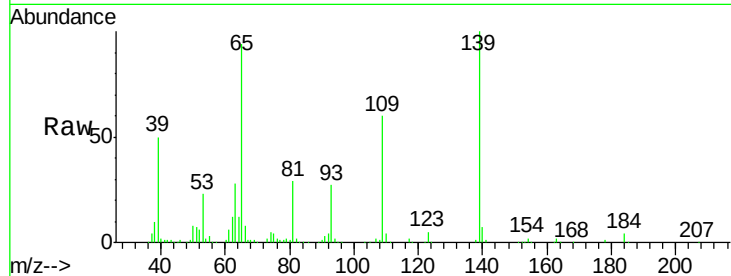
139 100

109 59.7 12.7 52.7#

65 93.5 45.9 85.9#

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#56

2,4-Dinitrotoluene

Concen: 62.52 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

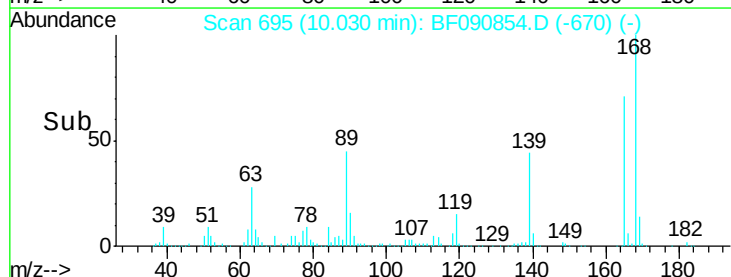
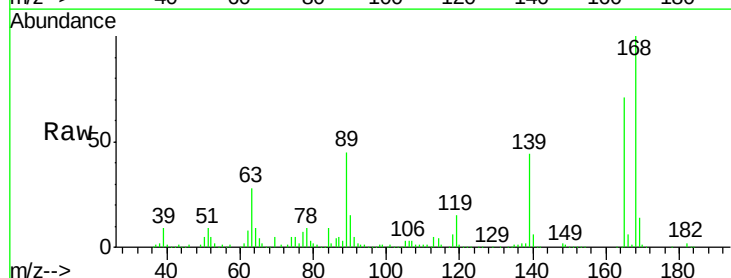
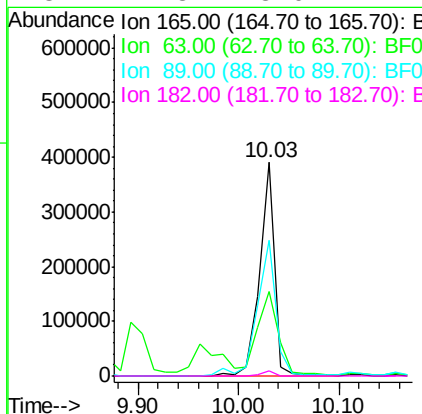
Tgt Ion:165 Resp: 402697
Ion Ratio Lower Upper

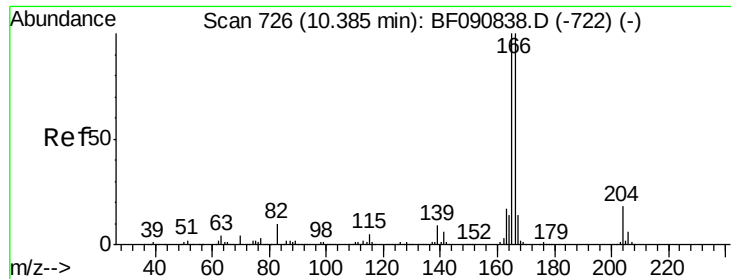
165 100

63 39.5 29.8 44.6

89 63.4 44.5 66.7

182 2.3 3.0 4.4#





#57

Fluorene

Concen: 56.60 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

Tot Ion:166 Resp: 1201172

Ion Ratio Lower Upper

166 100

165 99.5 72.6 109.0

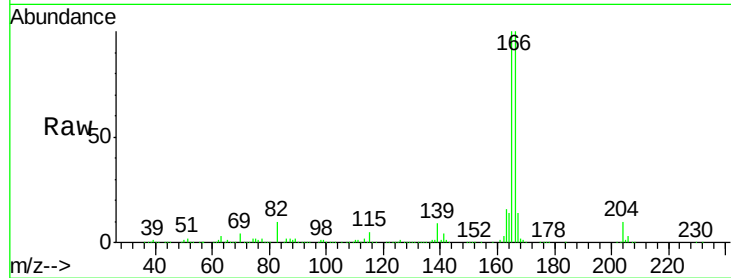
167 13.7 10.6 16.0

Manual Integrations

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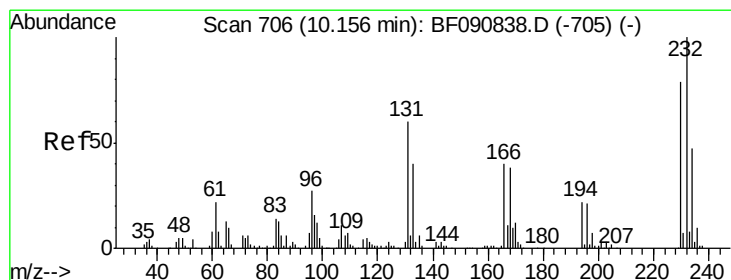
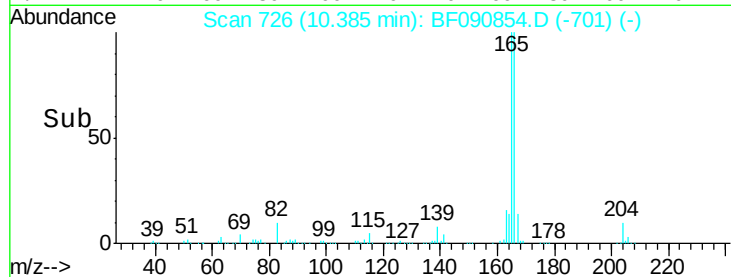
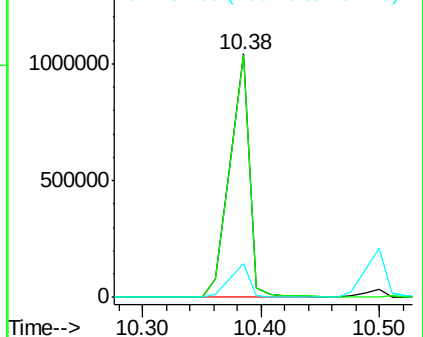
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.34 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tgt Ion:232 Resp: 293887

Ion Ratio Lower Upper

232 100

131 48.8 38.5 57.7

130 2.3 1.8 2.6

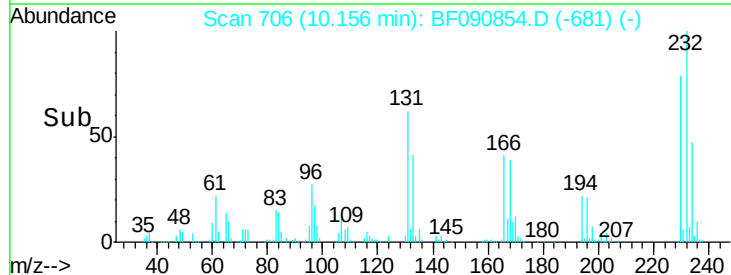
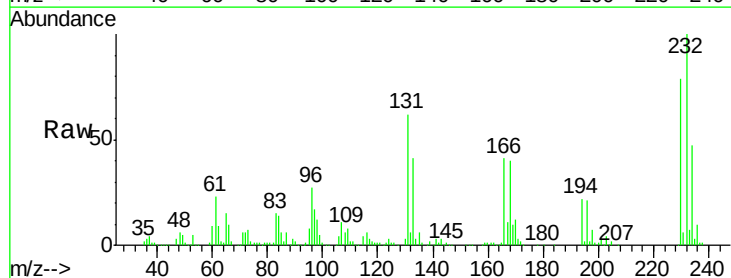
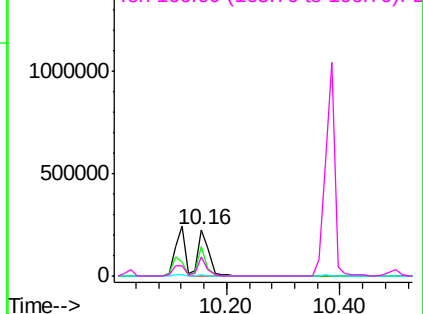
166 32.0 25.0 37.6

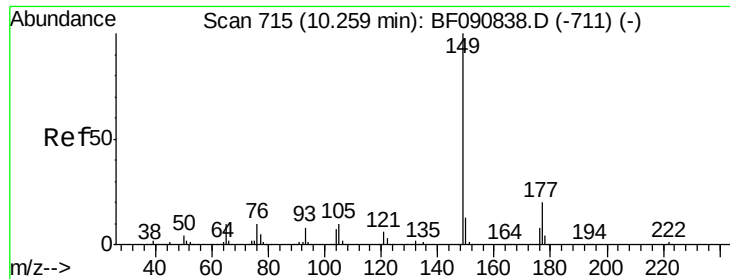
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





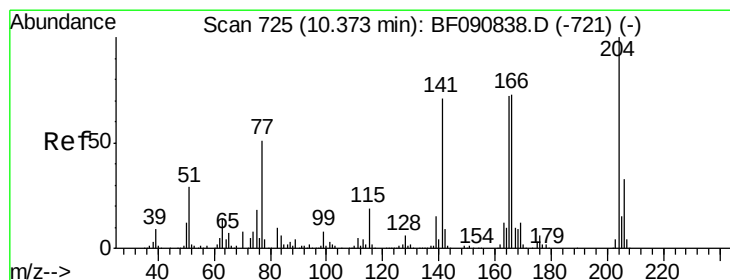
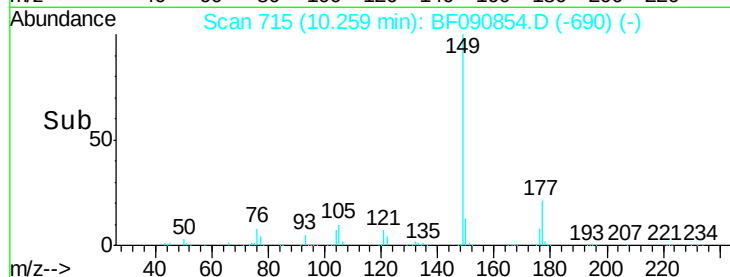
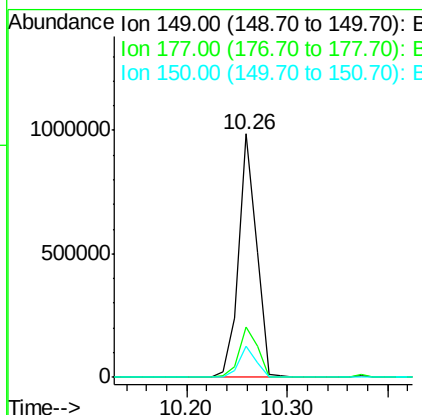
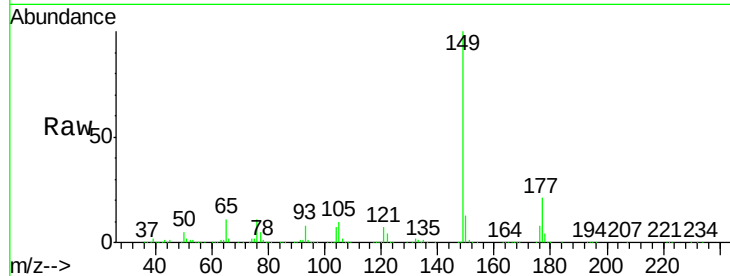
#59
Diethylphthalate
Concen: 52.20 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampleId :
C0AA0MS

Tot Ion:149 Resp: 1217282
Ion Ratio Lower Upper
149 100
177 20.6 17.5 26.3
150 13.0 9.4 14.2

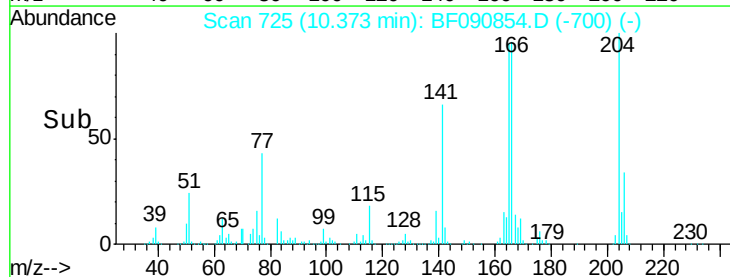
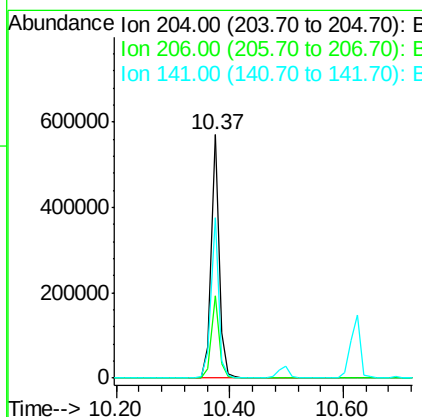
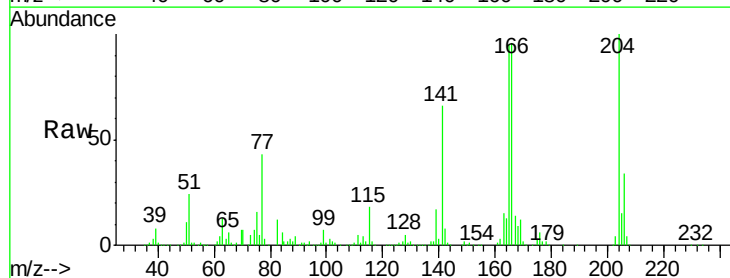
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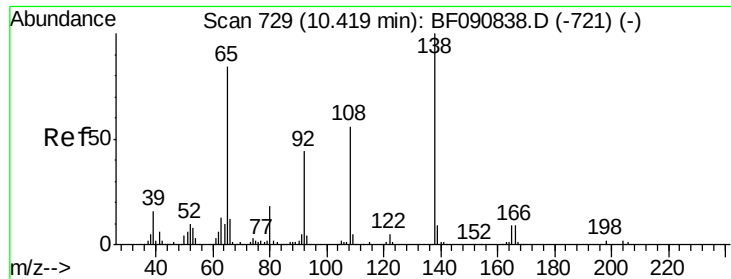
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#60
4-Chlorophenyl-phenylether
Concen: 51.40 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion:204 Resp: 532525
Ion Ratio Lower Upper
204 100
206 33.7 24.8 37.2
141 65.7 42.2 63.4#





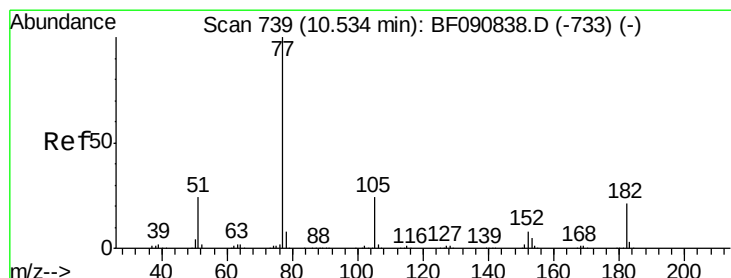
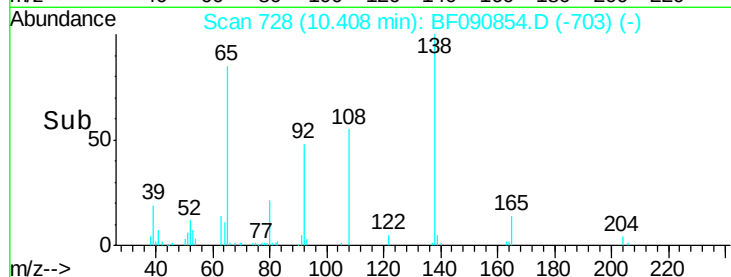
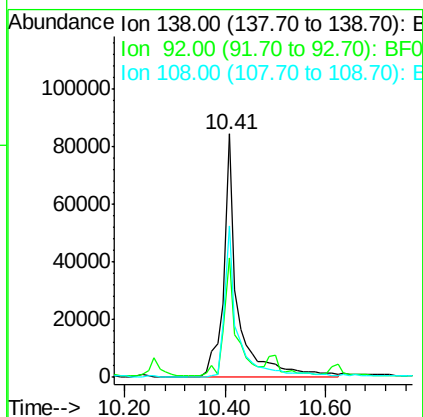
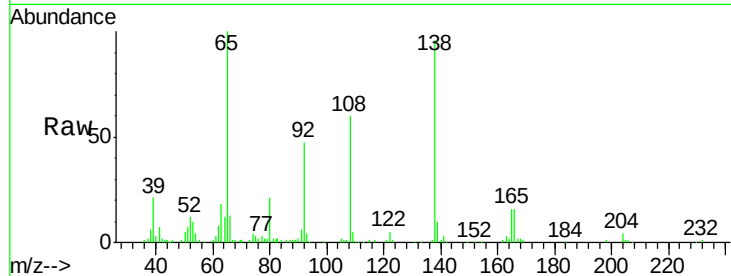
#61
4-Nitroaniline
Concen: 30.44 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampleId :
C0AA0MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.9	12.6	52.6
108	62.2	12.4	52.4

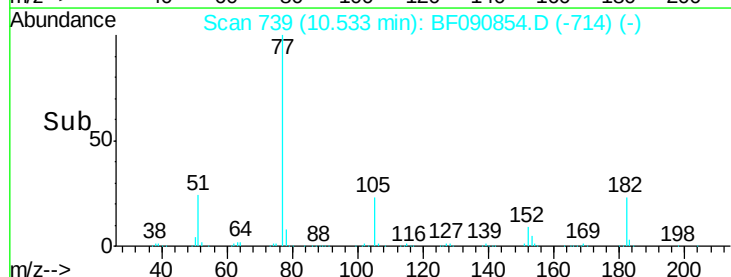
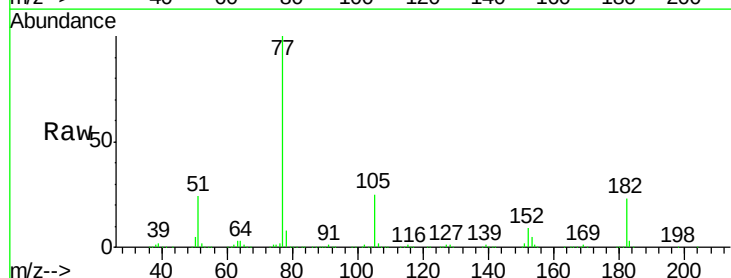
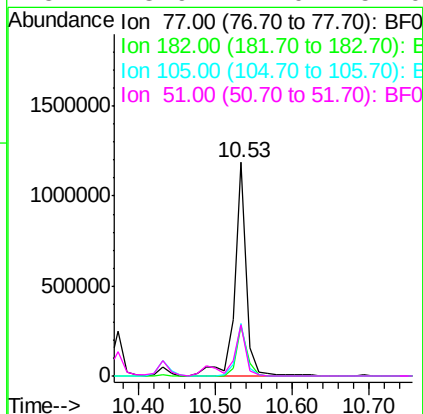
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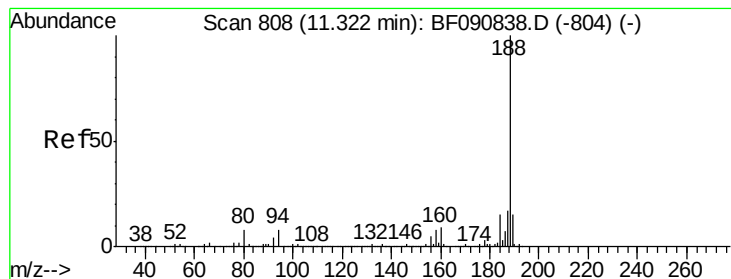
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#62
Azobenzene
Concen: 55.02 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.2	15.1	55.1
105	24.7	3.4	43.4
51	23.9	12.0	52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

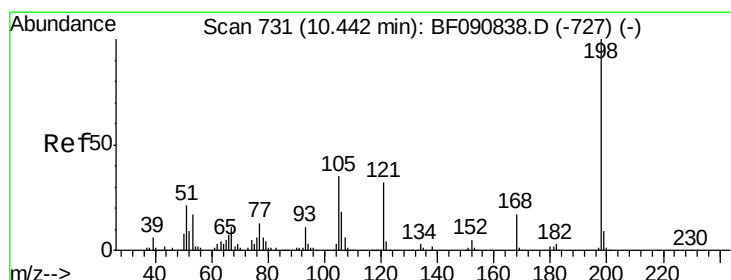
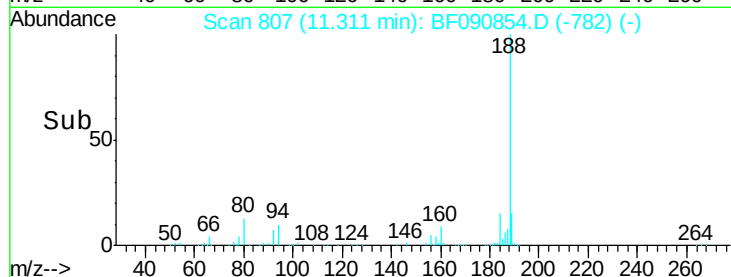
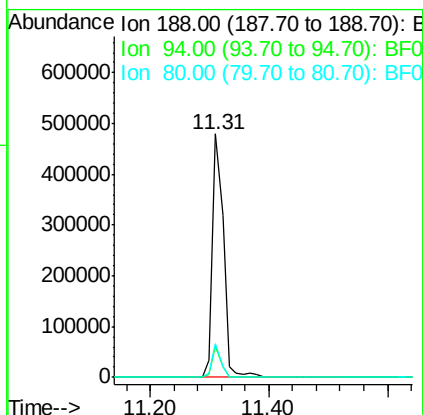
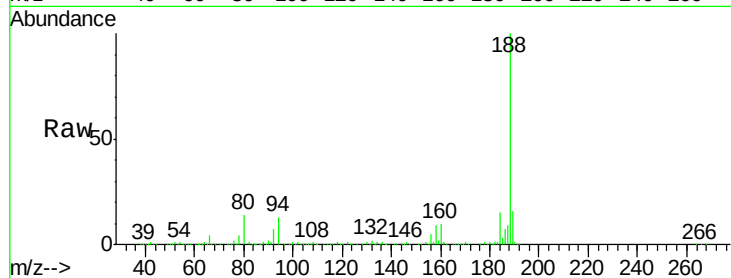
ClientSampleId :

C0AA0MS

Tot Ion:	188	Resp:	611776
Ion Ratio	Lower	Upper	
188	100		
94	12.7	11.1	16.7
80	13.7	11.0	16.4

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.85 ng

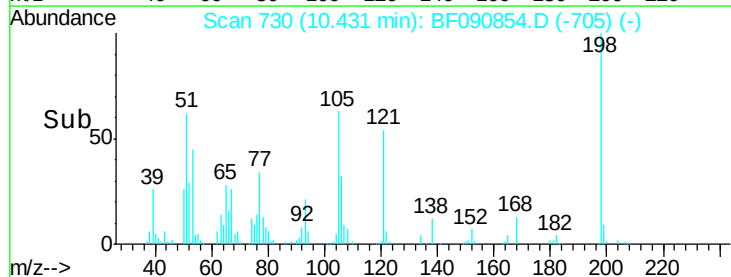
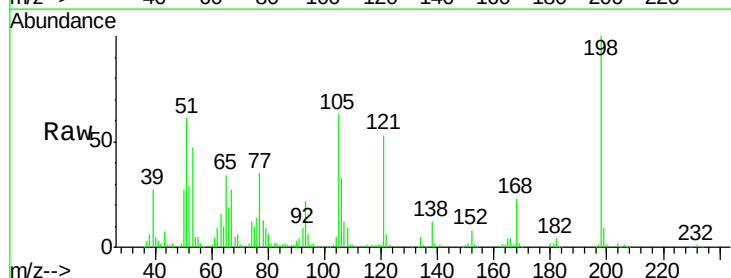
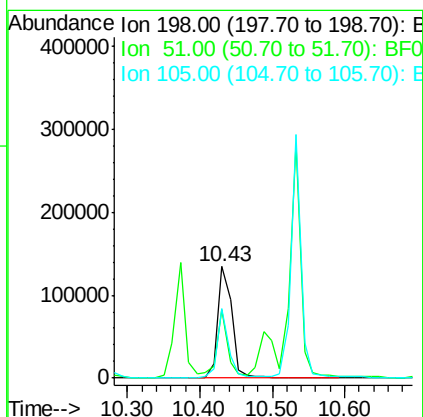
RT: 10.43 min Scan# 730

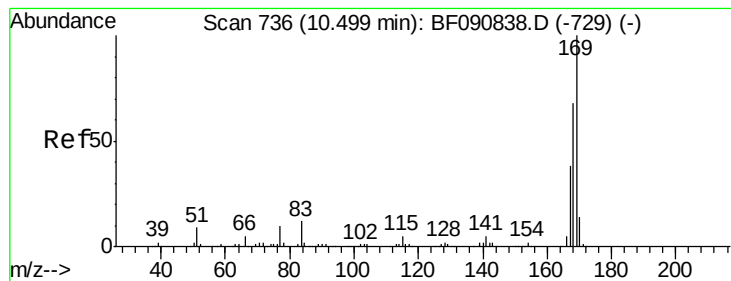
Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tgt Ion:	198	Resp:	185983
Ion Ratio	Lower	Upper	
198	100		
51	61.4	39.6	79.6
105	62.5	28.5	68.5





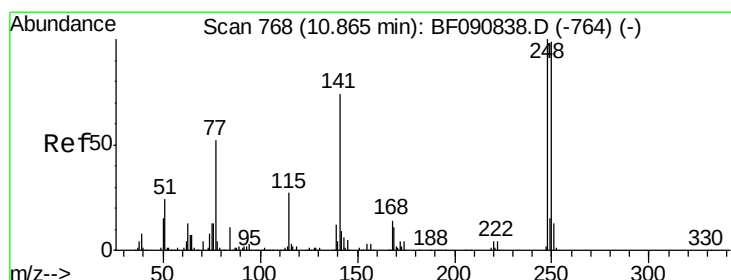
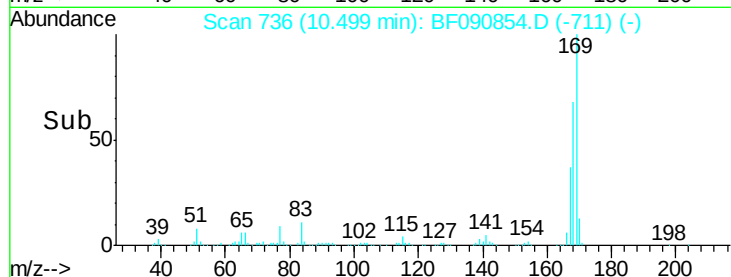
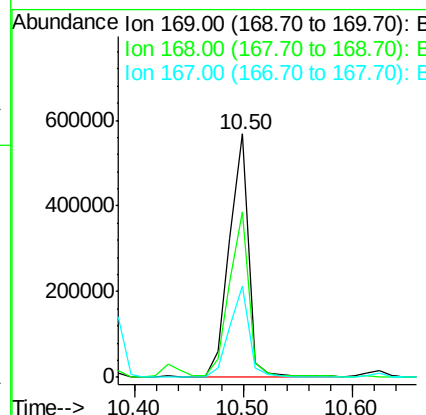
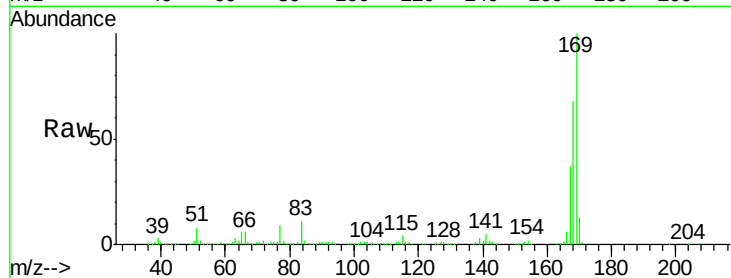
#65
 n-Nitrosodiphenylamine
 Concen: 37.31 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	699110		
168	67.9		48.9	73.3
167	37.3		26.2	39.4

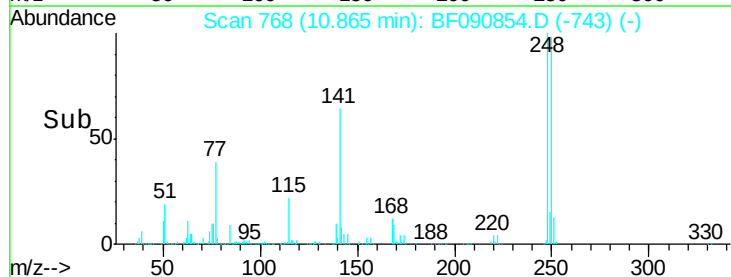
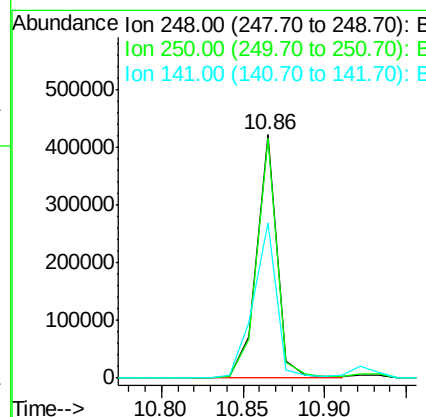
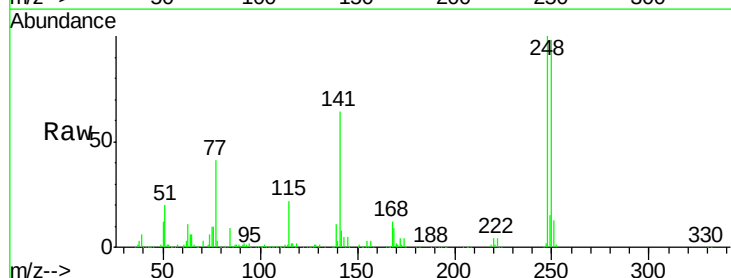
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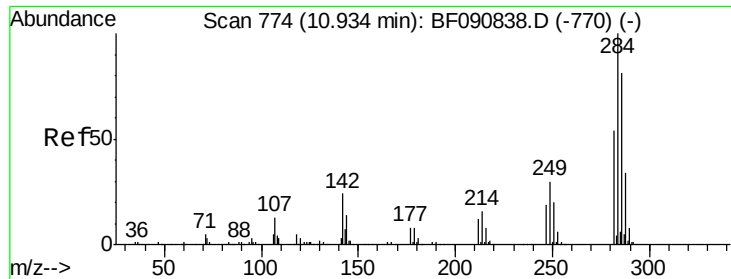
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#66
 4-Bromophenyl-phenylether
 Concen: 54.93 ng
 RT: 10.86 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	367969		
250	98.4		78.5	117.7
141	63.7		59.0	88.6





#67

Hexachlorobenzene

Concen: 51.25 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

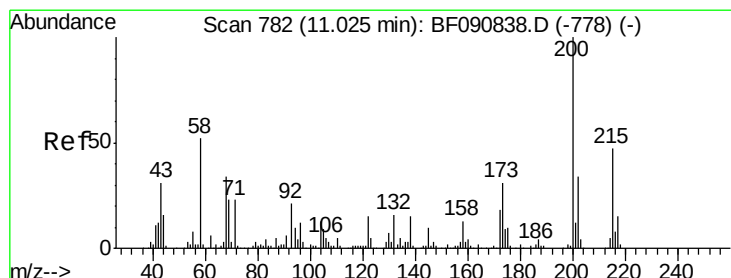
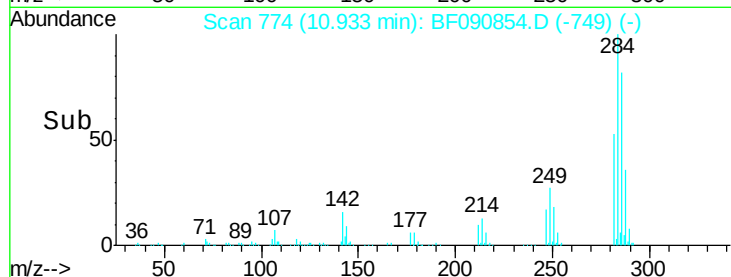
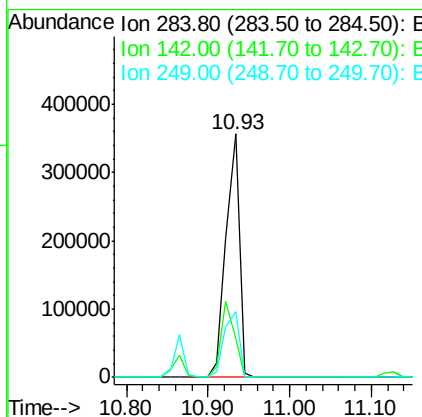
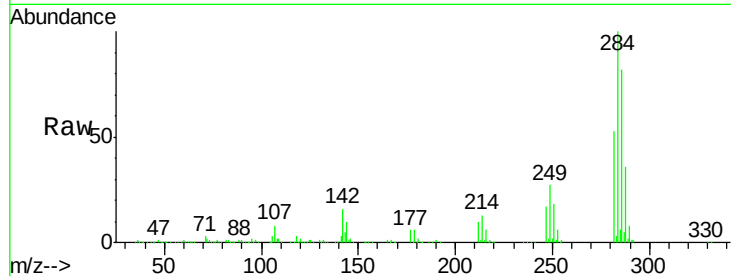
ClientSampleId :

C0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	406330		
142	15.9	29.5	44.3#	
249	27.2	19.5	29.3	

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#68

Atrazine

Concen: 28.26 ng

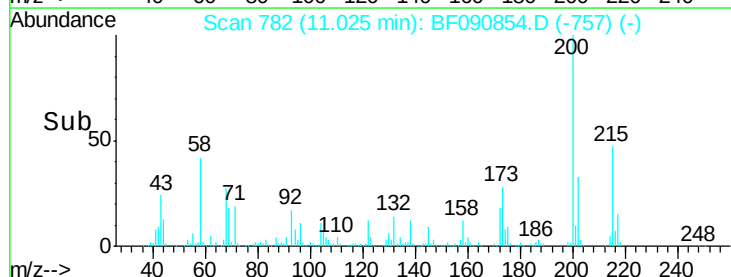
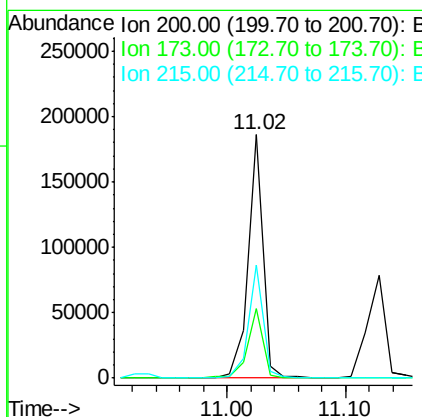
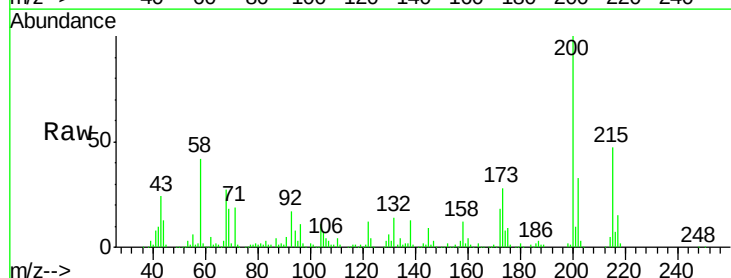
RT: 11.02 min Scan# 782

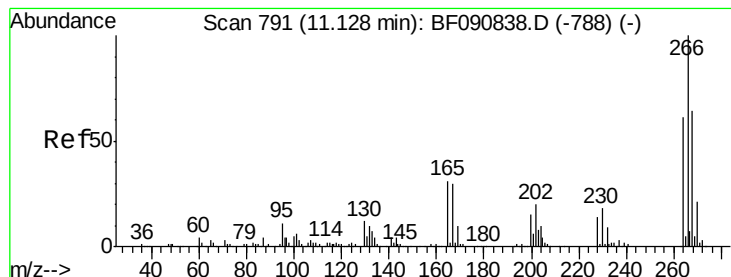
Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	163826		
173	28.5	13.2	53.2	
215	46.7	41.8	81.8	





#69

Pentachlorophenol

Concen: 112.56 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

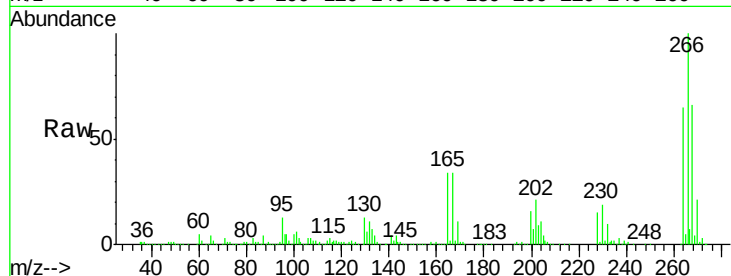
ClientSampleId :

C0AA0MS

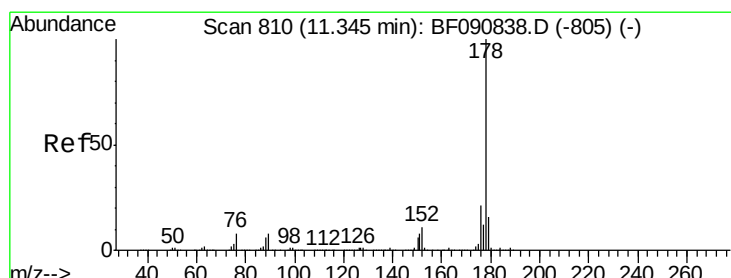
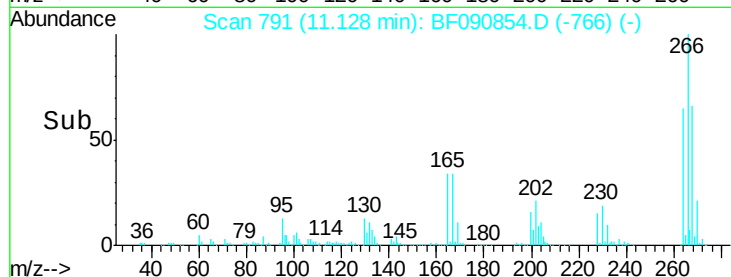
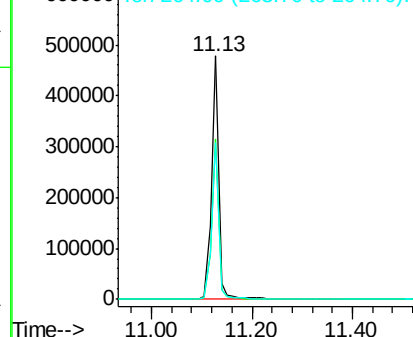
Tot Ion:	266	Resp:	478762
Ion Ratio		Lower	Upper
266	100		
268	66.1	49.8	74.6
264	64.5	50.2	75.2

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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: 54.89 ng

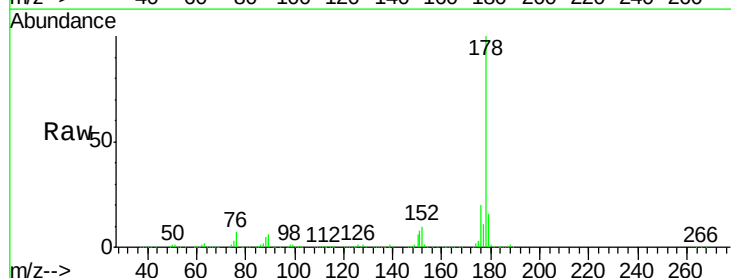
RT: 11.34 min Scan# 810

Delta R.T. -0.01 min

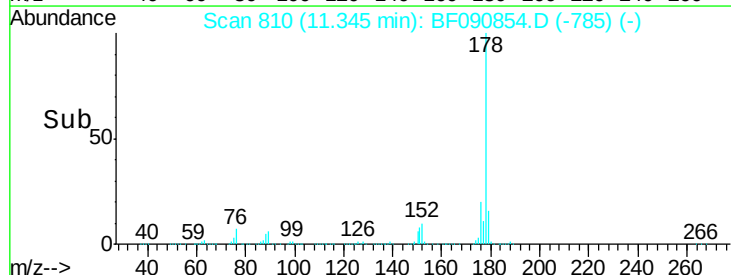
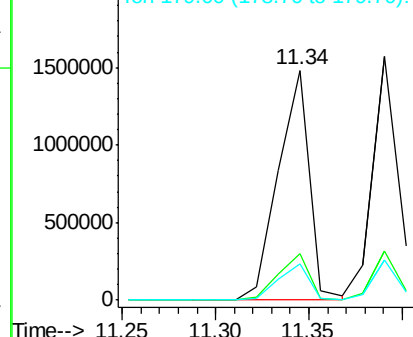
Lab File: BF090854.D

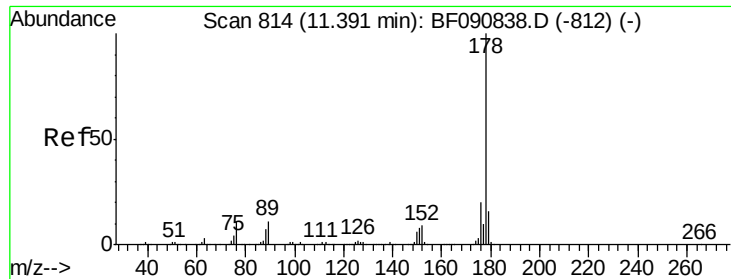
Acq: 26 Oct 2016 21:43

Tgt Ion:	178	Resp:	1710096
Ion Ratio		Lower	Upper
178	100		
176	20.3	13.8	20.8
179	16.0	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





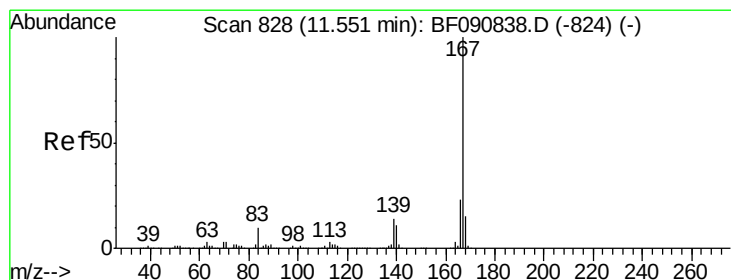
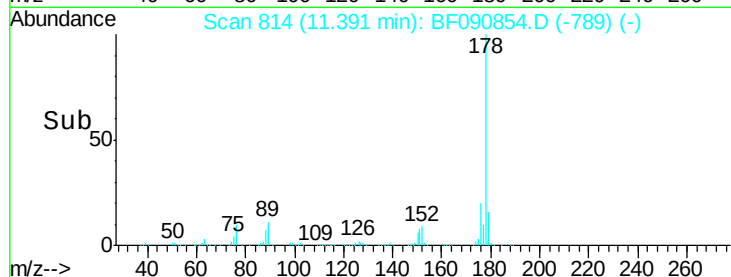
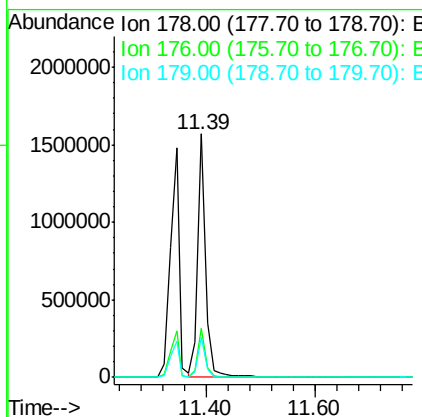
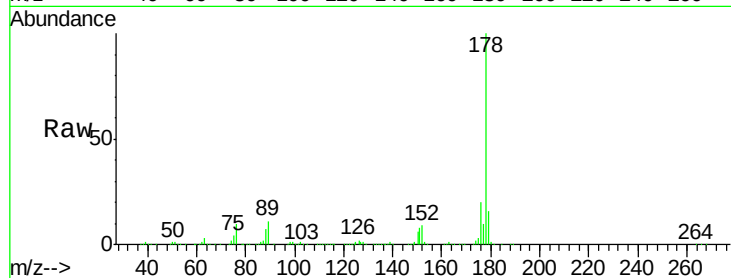
#71
 Anthracene
 Concen: 47.84 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

Tot Ion:178 Resp: 1569388
 Ion Ratio Lower Upper
 178 100
 176 20.2 14.1 21.1
 179 16.5 12.2 18.2

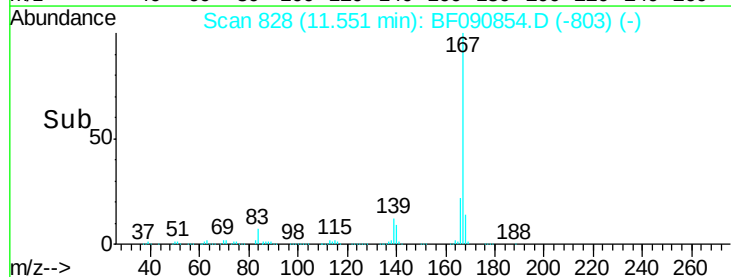
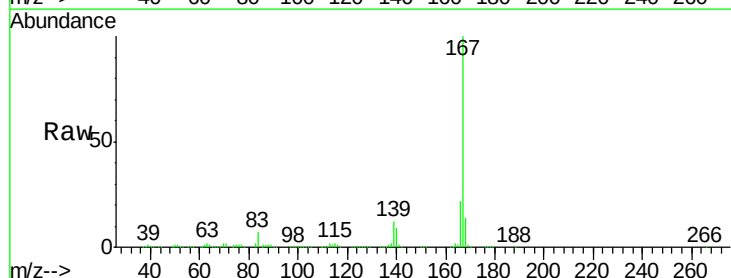
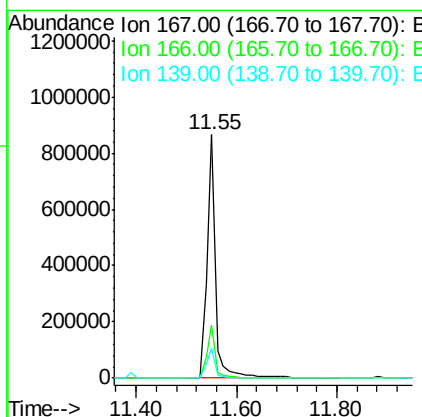
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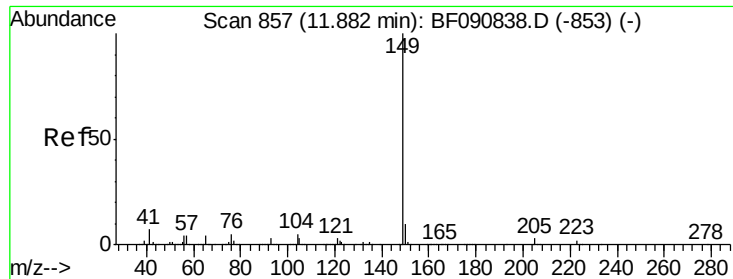
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#72
 Carbazole
 Concen: 35.05 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion:167 Resp: 1015255
 Ion Ratio Lower Upper
 167 100
 166 21.8 15.7 23.5
 139 12.4 9.5 14.3





#73

Di-n-butylphthalate

Concen: 46.27 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

Tot Ion:149 Resp: 1727963

Ion Ratio Lower Upper

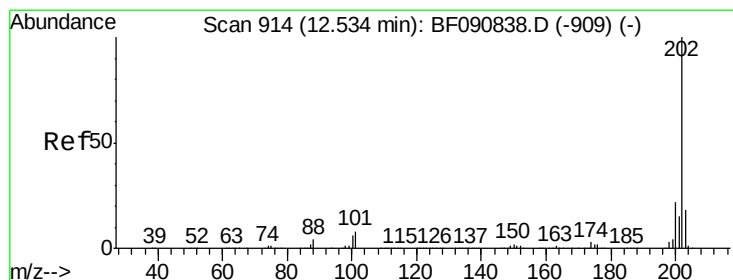
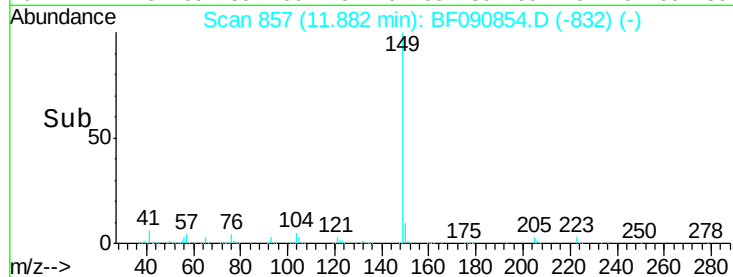
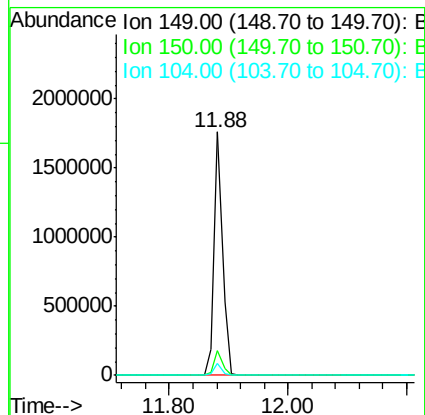
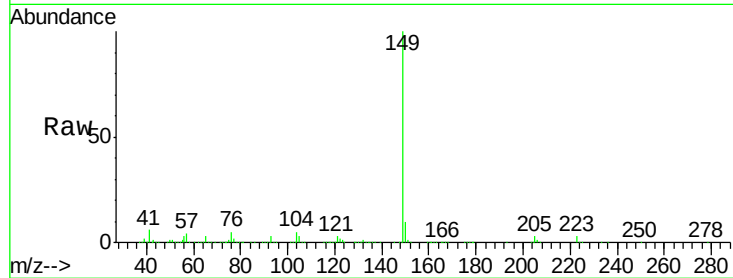
149 100

150 10.1 7.4 11.2

104 5.0 2.4 3.6#

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#74

Fluoranthene

Concen: 48.80 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

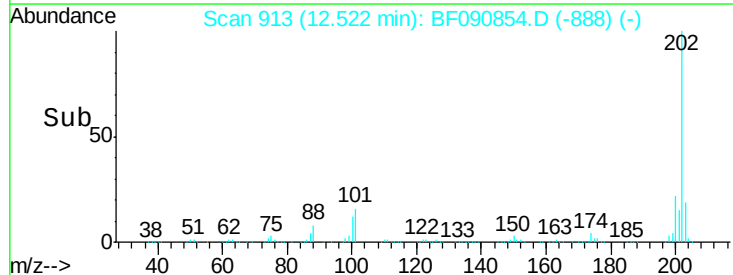
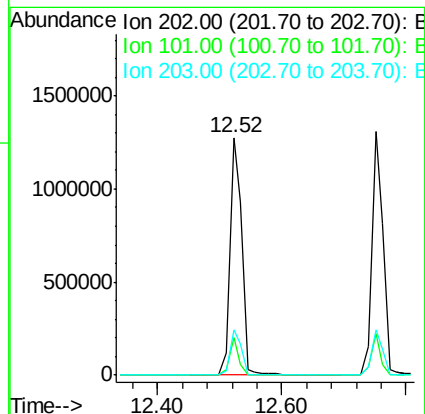
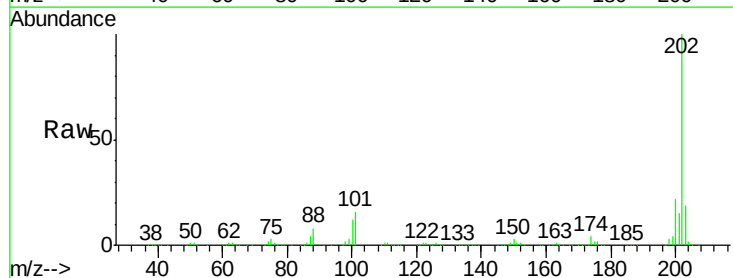
Tgt Ion:202 Resp: 1664981

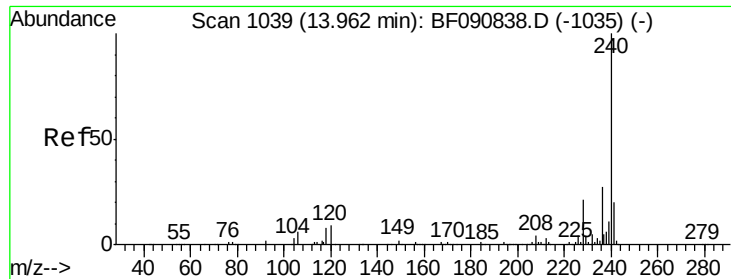
Ion Ratio Lower Upper

202 100

101 15.6 0.0 38.3

203 18.9 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

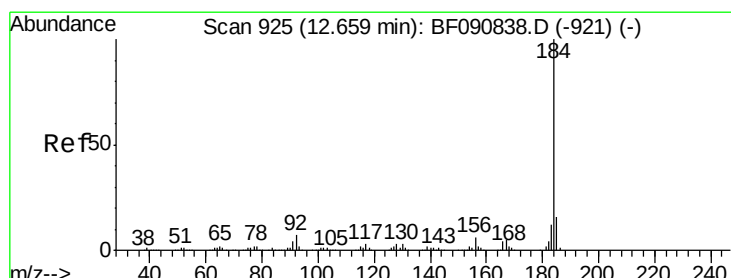
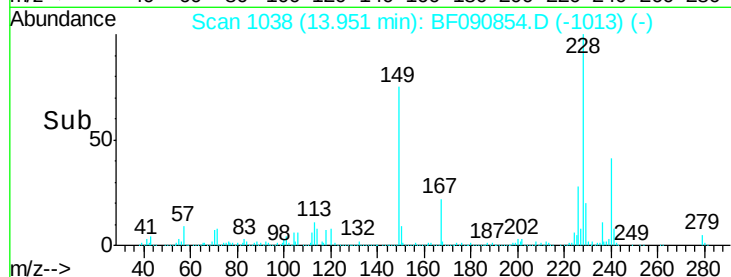
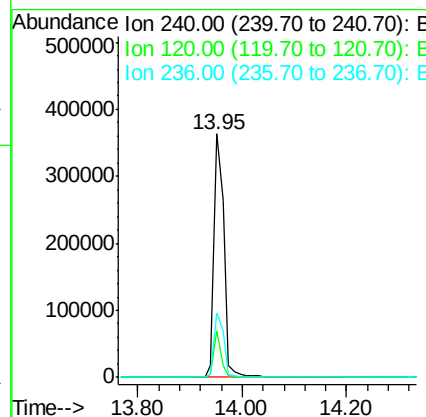
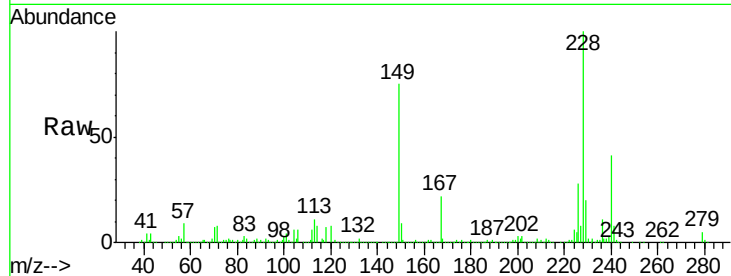
ClientSampled :

C0AA0MS

Tot Ion:	240	Resp:	474871
Ion Ratio	Lower	Upper	
240	100		
120	18.9	16.2	24.2
236	26.5	18.4	27.6

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#76

Benzidine

Concen: 0.93 ng

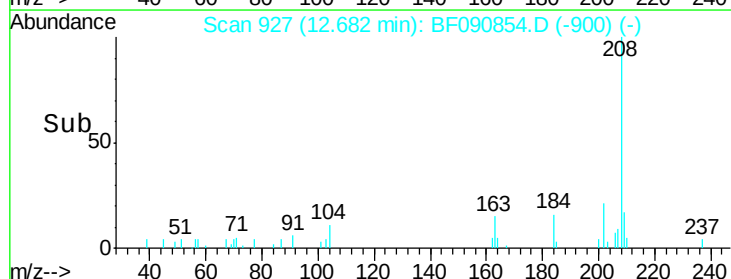
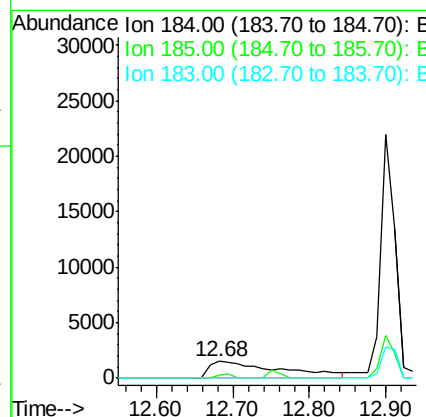
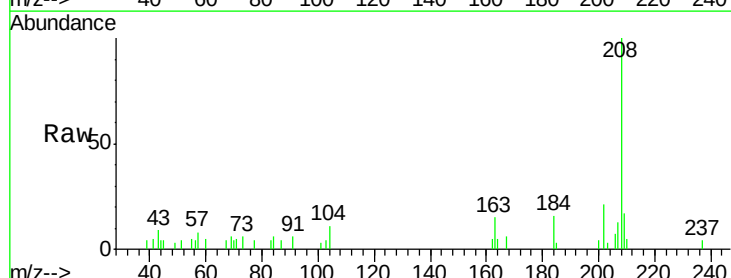
RT: 12.68 min Scan# 927

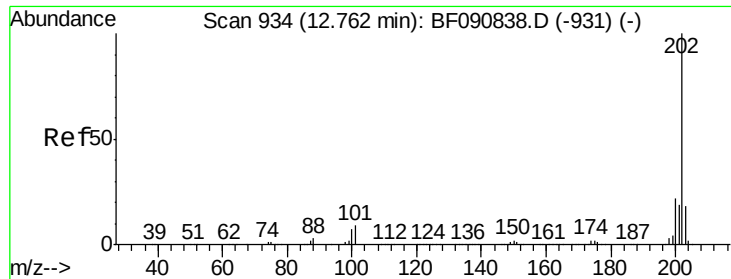
Delta R.T. 0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tgt Ion:	184	Resp:	9687
Ion Ratio	Lower	Upper	
184	100		
185	20.8	11.8	17.6#
183	0.0	7.6	11.4#





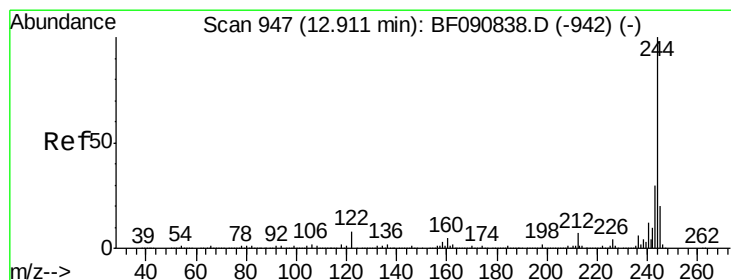
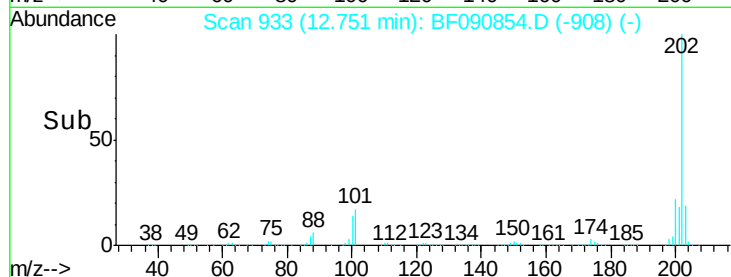
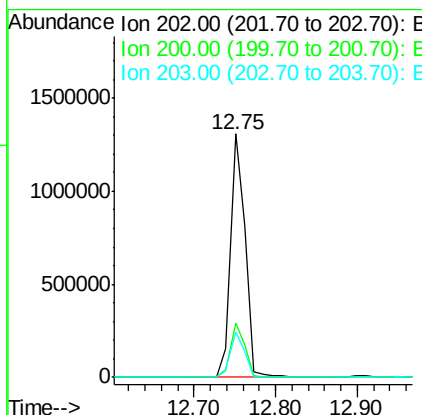
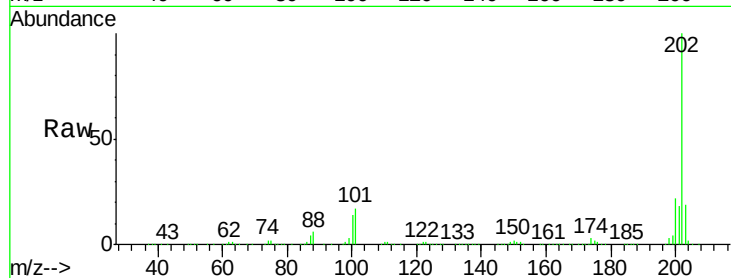
#77
Pvrene
Concen: 53.23 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampleId :
C0AA0MS

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

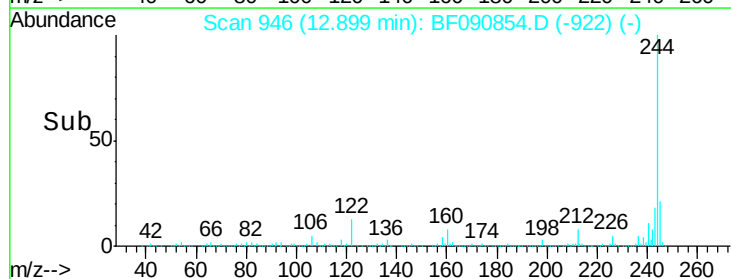
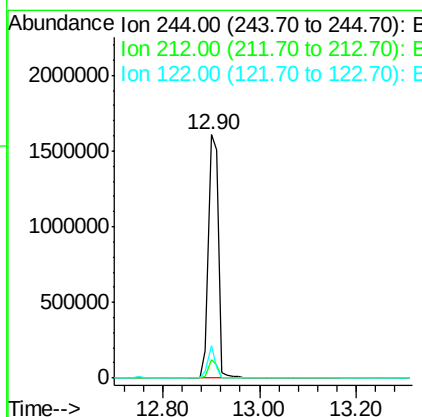
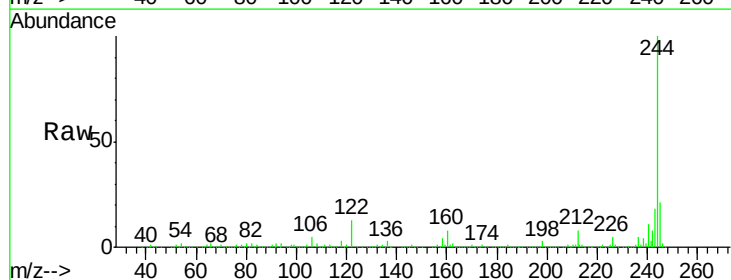
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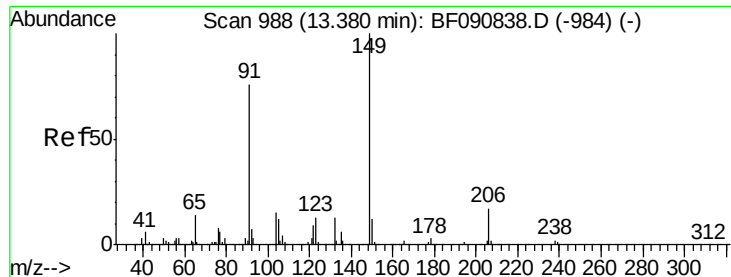
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#78
Terphenyl-d14
Concen: 124.92 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	13.4	17.4	26.2#





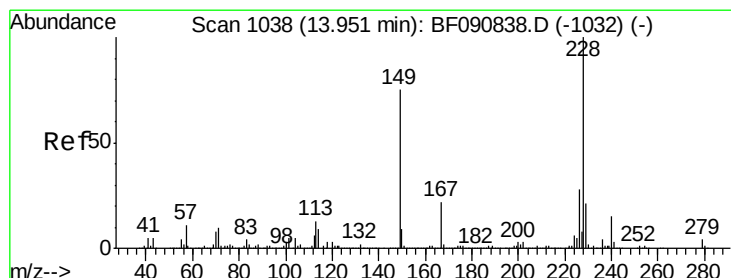
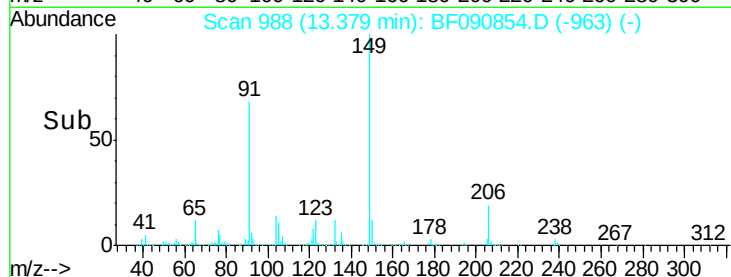
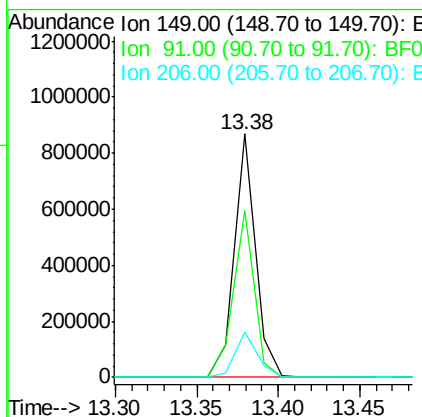
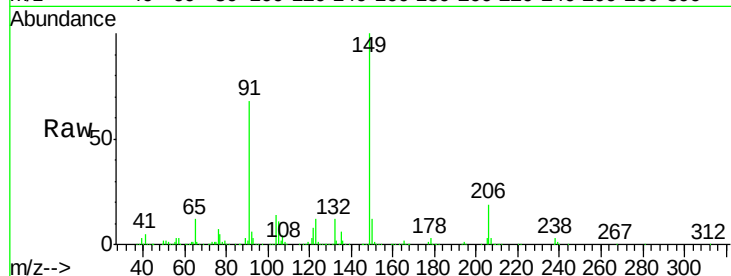
#79
Butylbenzylphthalate
Concen: 57.02 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampleID :
C0AA0MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.3	48.6	72.8
206	18.6	14.9	22.3

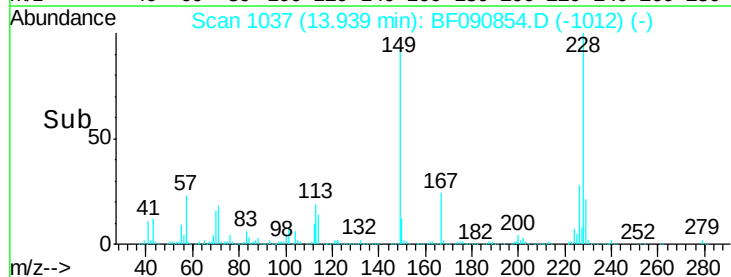
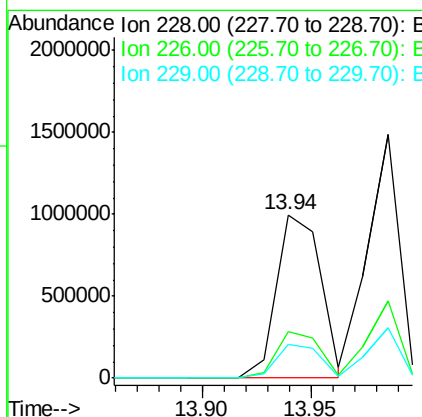
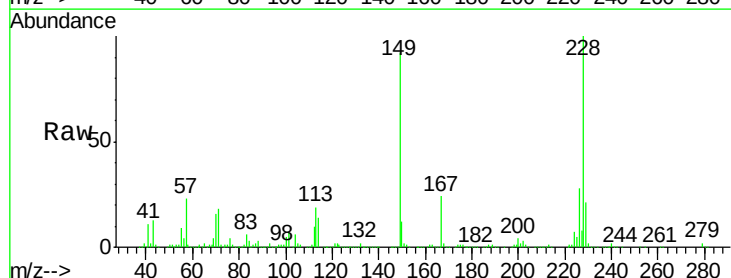
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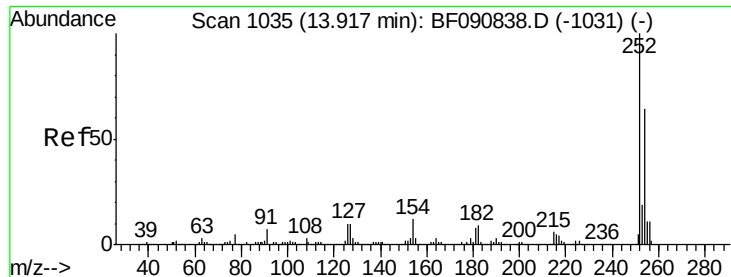
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#80
Benzo(a)anthracene
Concen: 56.38 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	20.0	30.0
229	20.9	15.4	23.2





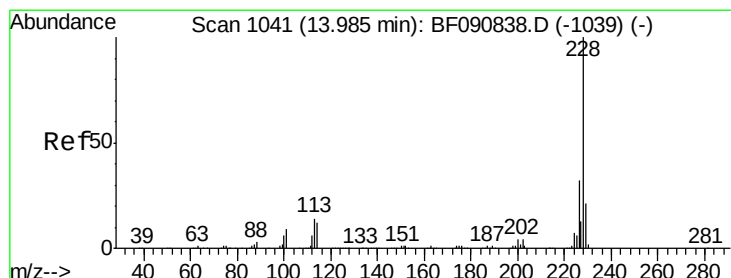
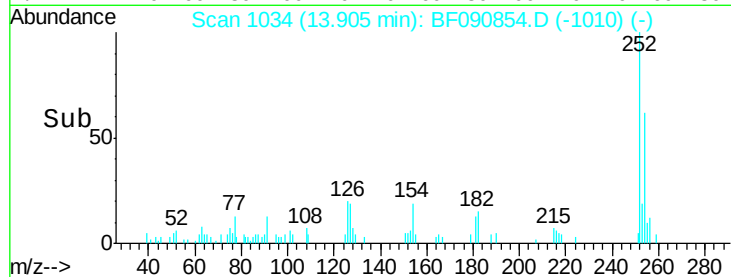
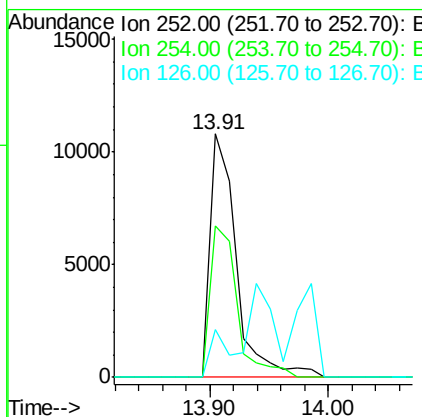
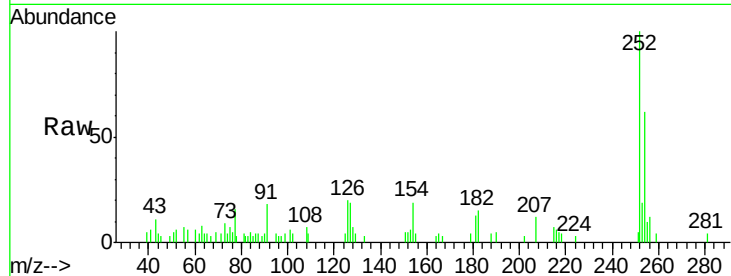
#81
 3,3'-Dichlorobenzidine
 Concen: 1.69 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Instrument :
 BNA_F
 ClientSampleID :
 C0AA0MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.4	77.2
126	19.5	16.4	24.6

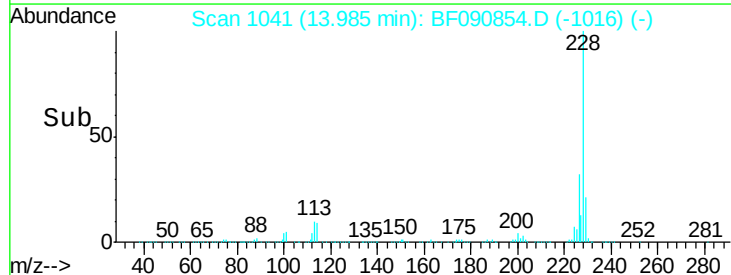
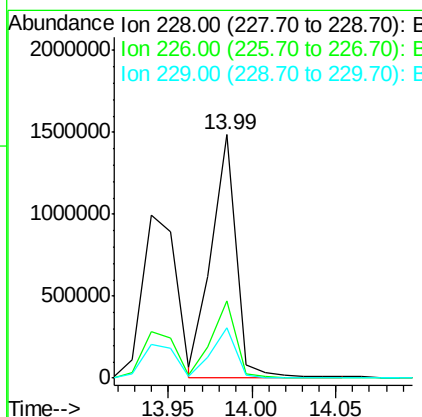
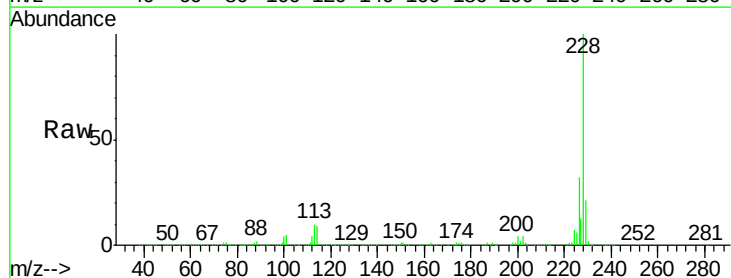
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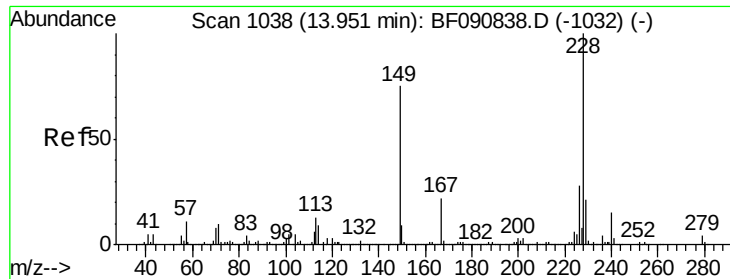
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#82
 Chrysene
 Concen: 61.03 ng m
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

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





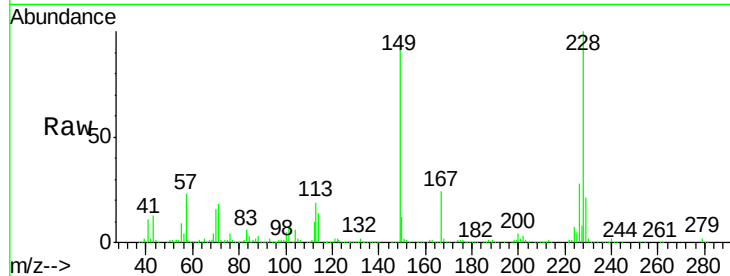
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 64.19 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

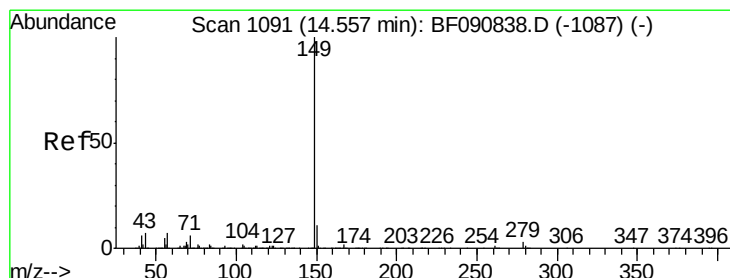
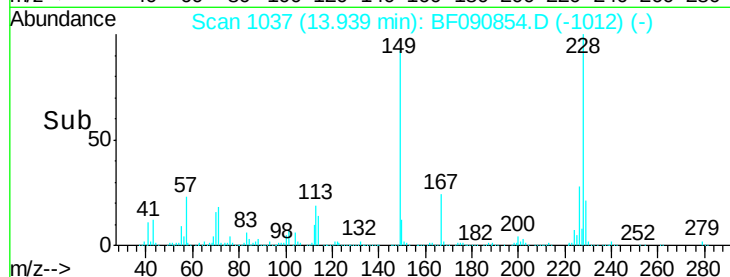
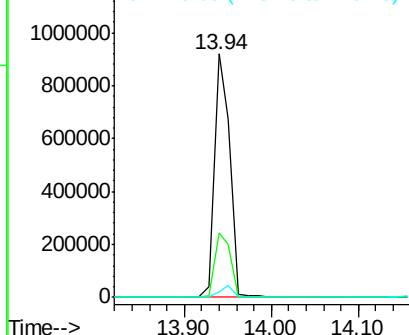
Tot Ion:149 Resp: 1139789
 Ion Ratio Lower Upper
 149 100
 167 26.3 24.2 36.2
 279 2.2 3.8 5.6#

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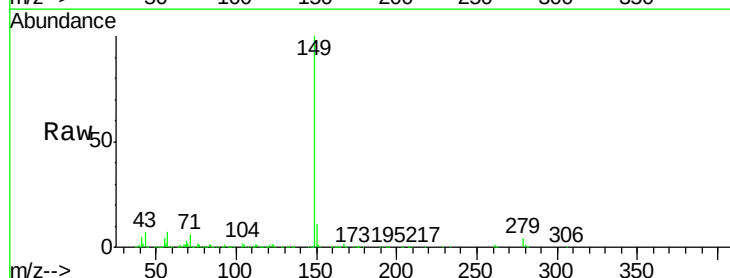


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

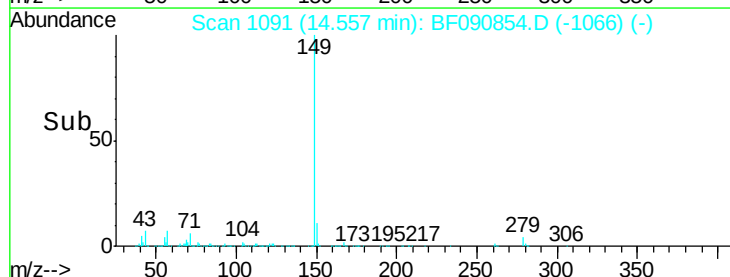
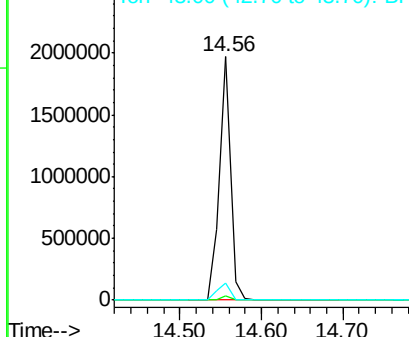


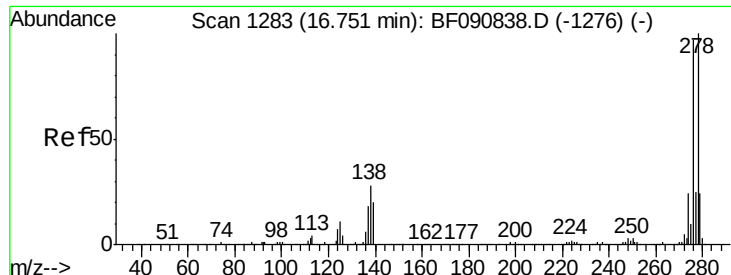
#84
 Di-n-octyl phthalate
 Concen: 62.66 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion:149 Resp: 1868423
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.0 1.6#
 43 8.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





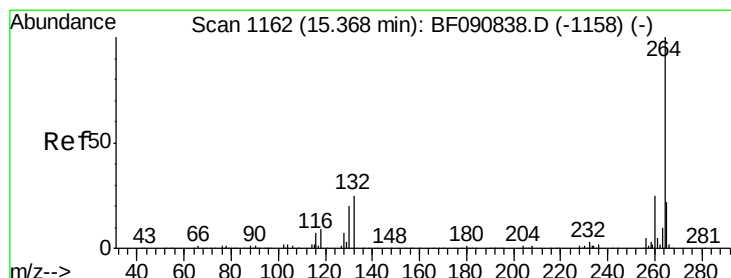
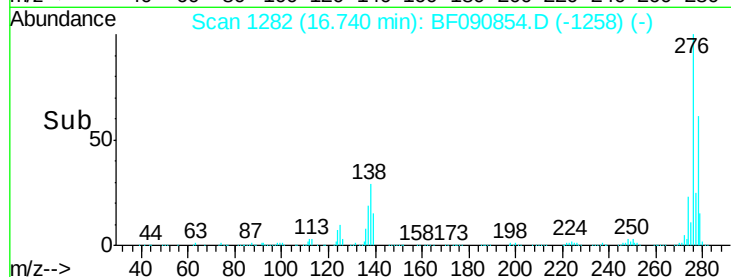
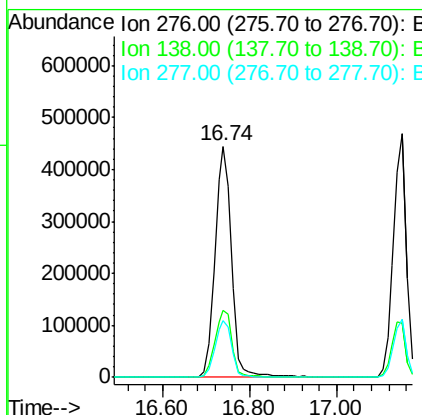
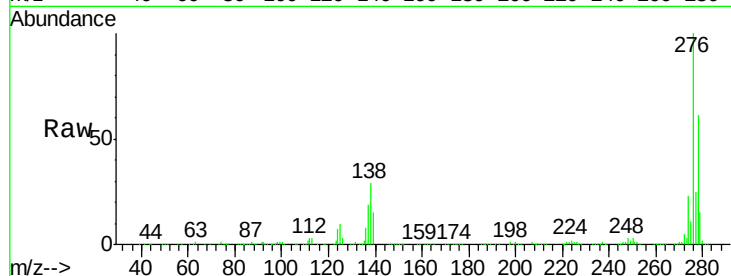
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.42 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampleId :
C0AA0MS

Tot Ion:276 Resp: 1206693
Ion Ratio Lower Upper
276 100
138 30.5 25.7 38.5
277 25.1 15.6 23.4#

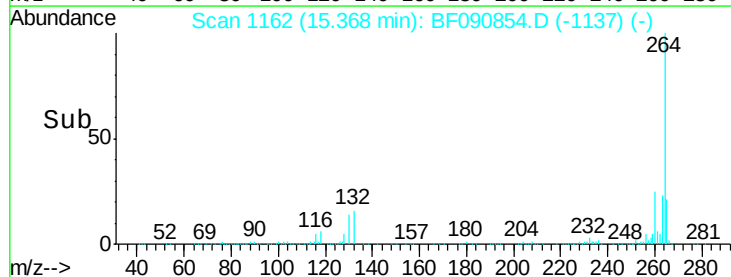
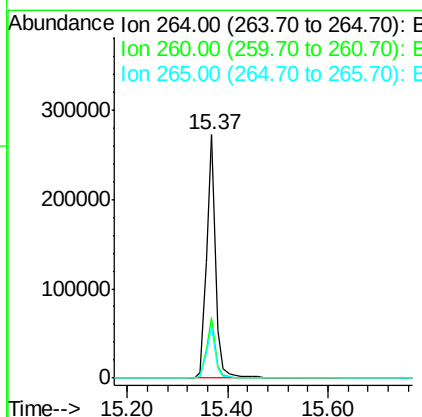
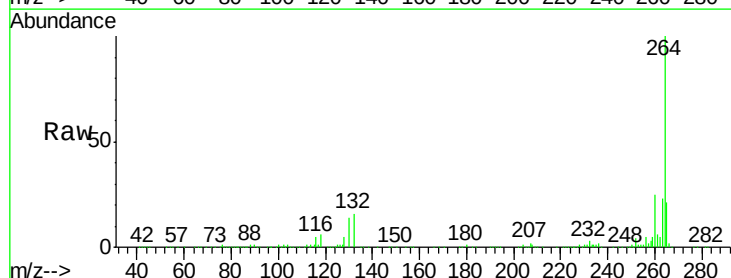
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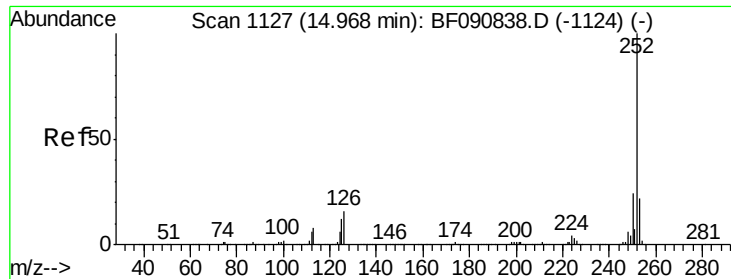
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion:264 Resp: 339290
Ion Ratio Lower Upper
264 100
260 25.1 16.7 25.1
265 21.2 17.2 25.8





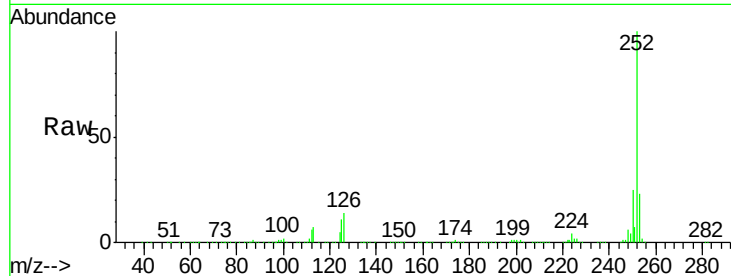
#87
Benzo(b)fluoranthene
Concen: 54.82 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampled :
C0AA0MS

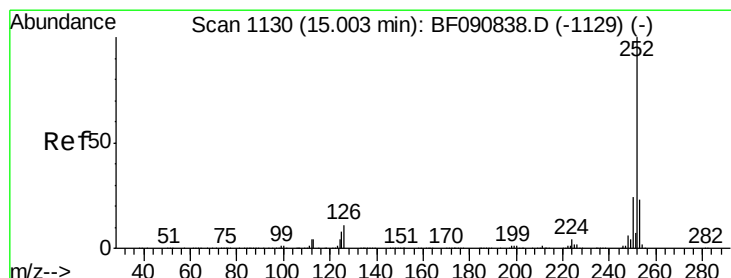
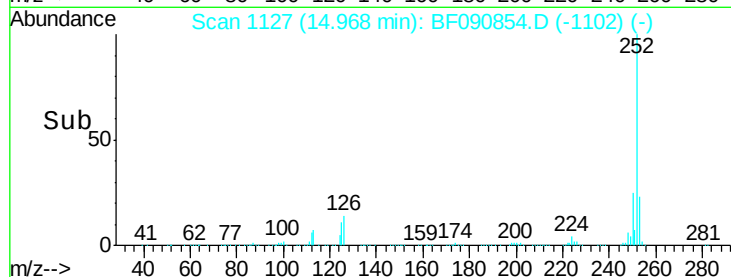
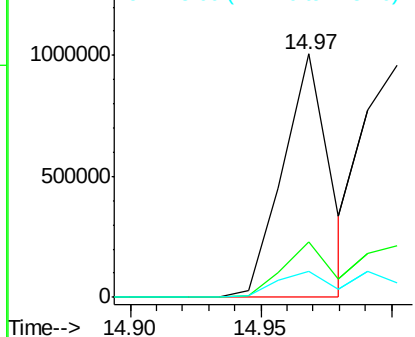
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.7	17.1	25.7#

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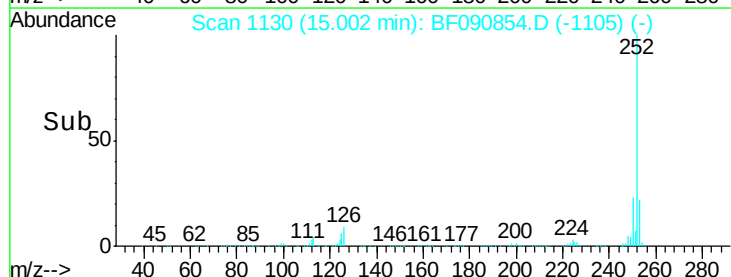
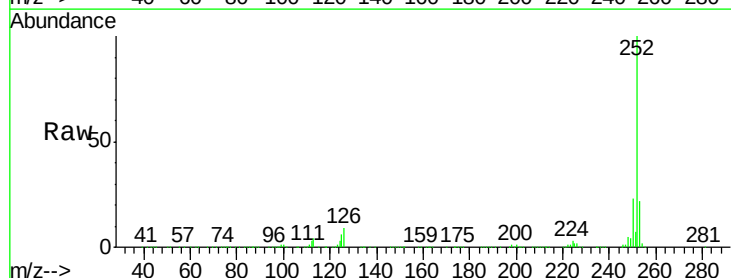
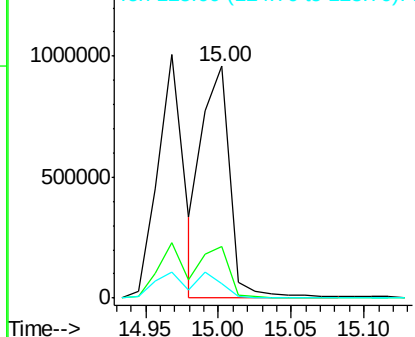
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

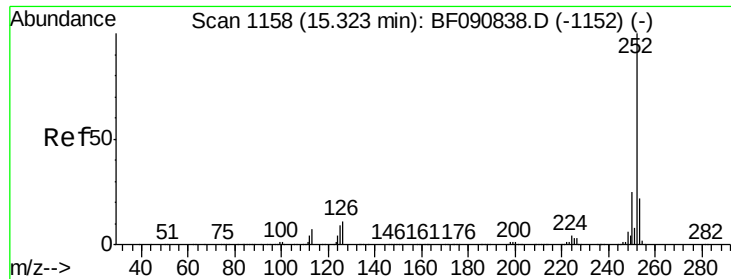


#88
Benzo(k)fluoranthene
Concen: 71.60 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	6.5	16.0	24.0#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 56.87 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

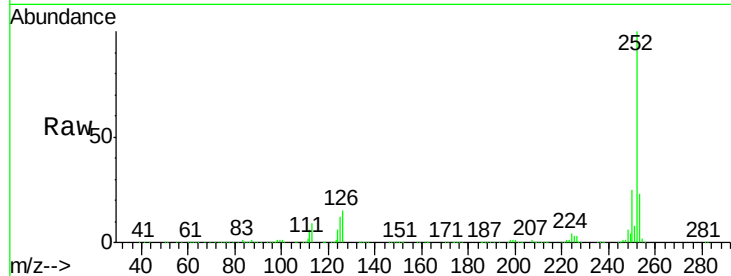
ClientSampleId :

C0AA0MS

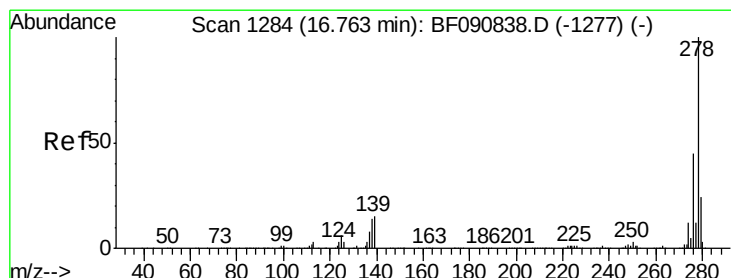
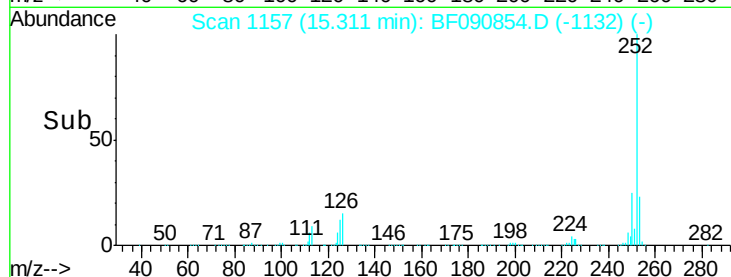
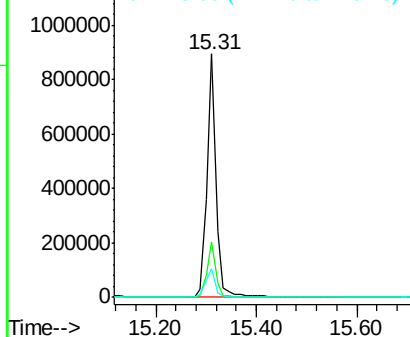
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	12.0	18.0	27.0

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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



#90

Dibenzo(a,h)anthracene

Concen: 63.60 ng

RT: 16.75 min Scan# 1283

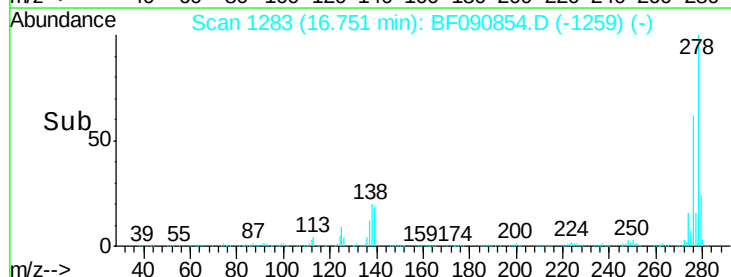
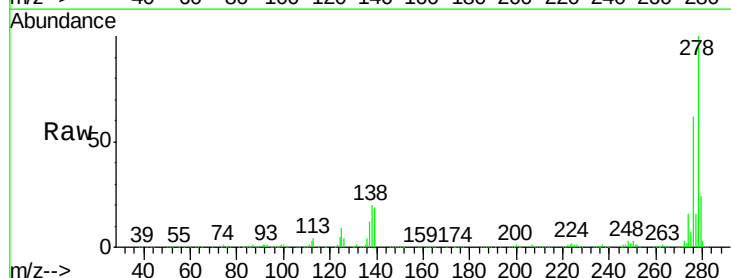
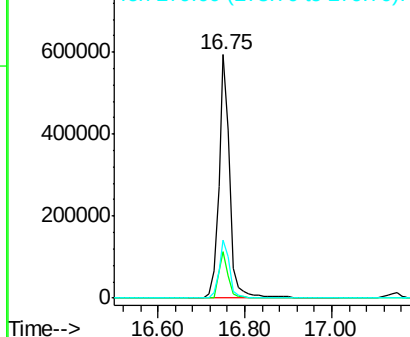
Delta R.T. -0.02 min

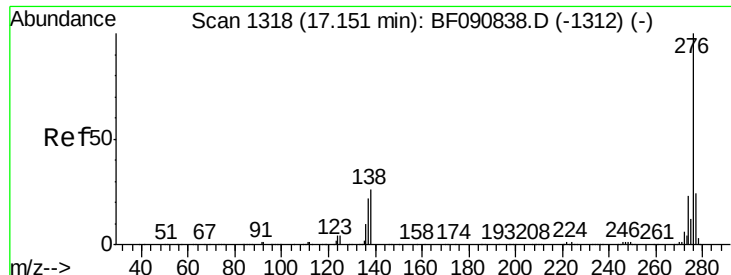
Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	26.3	39.5
279	23.8	18.2	27.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 63.94 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.7	17.8	26.6
138	22.4	34.6	51.8#

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