

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088156.D
 Acq On : 19 Jun 2016 2:20
 Operator : UM/SJ
 Sample : H3611-13MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Manual Integrations
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 6/20/2016 6:57:15 PM

Quant Time: Jun 20 15:10:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	93124	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	355539	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	140104	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	219689	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	148185	20.00	ng	-0.02
86) Perylene-d12	15.21	264	119151	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	680346	124.90	ng	0.02
7) Phenol-d6	6.35	99	791274	119.86	ng	0.00
23) Nitrobenzene-d5	7.26	82	502165	82.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	147485	99.70	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	884485	100.16	ng	-0.02
78) Terphenyl-d14	12.79	244	688132	105.67	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	95195m	35.97	ng	
3) Pyridine	3.23	79	12646m	2.02	ng	
4) n-Nitrosodimethylamine	2.97	42	108874	41.13	ng	86
6) Aniline	6.36	93	45914	4.89	ng	# 1
8) 2-Chlorophenol	6.48	128	295934	45.90	ng	91
9) Benzaldehyde	6.24	77	13178	2.82	ng	96
10) Phenol	6.36	94	334865	49.37	ng	95
11) bis(2-Chloroethyl)ether	6.43	93	264040	45.61	ng	87
12) 1,3-Dichlorobenzene	6.63	146	281600m	40.71	ng	
13) 1,4-Dichlorobenzene	6.71	146	282453	40.53	ng	96
14) 1,2-Dichlorobenzene	6.86	146	262928	41.49	ng	95
15) Benzyl Alcohol	6.84	79	97165	18.81	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.97	45	304714	38.96	ng	# 2
17) 2-Methylphenol	6.97	107	222894	42.63	ng	# 91
18) Hexachloroethane	7.20	117	89214	36.08	ng	97
19) n-Nitroso-di-n-propylamine	7.11	70	176521	41.80	ng	# 88
20) 3+4-Methylphenols	7.12	107	283270	46.43	ng	# 81
22) Acetophenone	7.11	105	389957	49.08	ng	98
24) Nitrobenzene	7.28	77	283999	48.15	ng	99
25) Isophorone	7.52	82	506836	44.94	ng	99
26) 2-Nitrophenol	7.60	139	121005	38.30	ng	# 73
27) 2,4-Dimethylphenol	7.64	122	237383	40.81	ng	92
28) bis(2-Chloroethoxy)methane	7.74	93	266520	38.10	ng	98
29) 2,4-Dichlorophenol	7.85	162	213832	44.03	ng	91
30) 1,2,4-Trichlorobenzene	7.92	180	233728	44.20	ng	99
31) Naphthalene	8.00	128	874082	49.68	ng	99
32) Benzoic acid	7.78	122	113897	35.56	ng	95
33) 4-Chloroaniline	8.06	127	32271	4.11	ng	97
34) Hexachlorobutadiene	8.11	225	123611	44.32	ng	98
35) Caprolactam	8.43	113	54867	34.11	ng	# 73
36) 4-Chloro-3-methylphenol	8.56	107	209075	40.25	ng	89
37) 2-Methylnaphthalene	8.68	142	483878m	41.73	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	208727	70.76	ng	# 1
40) Hexachlorocyclopentadiene	8.83	237	25086	11.10	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	130122	46.44	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	132535	45.47	nq	99
45) 1,1'-Biphenyl	9.15	154	587892	57.65	nq	98
46) 2-Chloronaphthalene	9.18	162	437948	48.31	nq	97
47) 2-Nitroaniline	9.28	65	125404	46.89	nq	87
48) Acenaphthylene	9.59	152	657112	45.57	nq	99
49) Dimethylphthalate	9.46	163	553170	54.51	nq	99
50) 2,6-Dinitrotoluene	9.52	165	100174	43.10	nq #	72
51) Acenaphthene	9.76	154	397028	44.13	nq	98
52) 3-Nitroaniline	9.69	138	60547	22.58	nq #	76
53) 2,4-Dinitrophenol	9.80	184	15472	17.22	nq #	85
54) Dibenzofuran	9.93	168	572108	46.18	nq	93
55) 4-Nitrophenol	9.87	139	100856	48.45	nq	88
56) 2,4-Dinitrotoluene	9.92	165	97545	32.66	nq #	44
57) Fluorene	10.27	166	449992	54.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	98817	43.14	nq #	56
59) Diethylphthalate	10.16	149	517387	50.36	nq	97
60) 4-Chlorophenyl-phenylether	10.26	204	174101	42.26	nq	92
61) 4-Nitroaniline	10.30	138	78204	30.74	nq	96
62) Azobenzene	10.42	77	367372	36.16	nq	96
64) 4,6-Dinitro-2-methylphenol	10.33	198	14353	12.16	nq	89
65) n-Nitrosodiphenylamine	10.39	169	197064	27.03	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	122503	51.98	nq	97
67) Hexachlorobenzene	10.82	284	115733	47.26	nq #	71
68) Atrazine	10.91	200	14432	6.54	nq	97
69) Pentachlorophenol	11.02	266	87981	68.16	nq	96
70) Phenanthrene	11.22	178	547104	47.46	nq	99
71) Anthracene	11.28	178	569847	49.00	nq	99
72) Carbazole	11.44	167	332550	30.56	nq	97
73) Di-n-butylphthalate	11.77	149	673097	48.86	nq	99
74) Fluoranthene	12.41	202	564253	46.38	nq	98
77) Pyrene	12.64	202	568827	51.73	nq	99
79) Butylbenzylphthalate	13.26	149	260769	53.64	nq #	82
80) Benzo(a)anthracene	13.82	228	427435	50.62	nq	99
81) 3,3'-Dichlorobenzidine	13.78	252	11342	4.99	nq #	93
82) Chrysene	13.86	228	463520	58.34	nq	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	350622	59.25	nq #	97
84) Di-n-octyl phthalate	14.43	149	682312	70.95	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.51	276	348818	47.26	nq #	100
87) Benzo(b)fluoranthene	14.83	252	435643m	52.46	nq	
88) Benzo(k)fluoranthene	14.86	252	348036m	55.56	nq	
89) Benzo(a)pyrene	15.15	252	352526	52.47	nq	100
90) Dibenzo(a,h)anthracene	16.53	278	302968	48.55	nq	98
91) Benzo(g,h,i)perylene	16.90	276	288941	45.01	nq	98

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

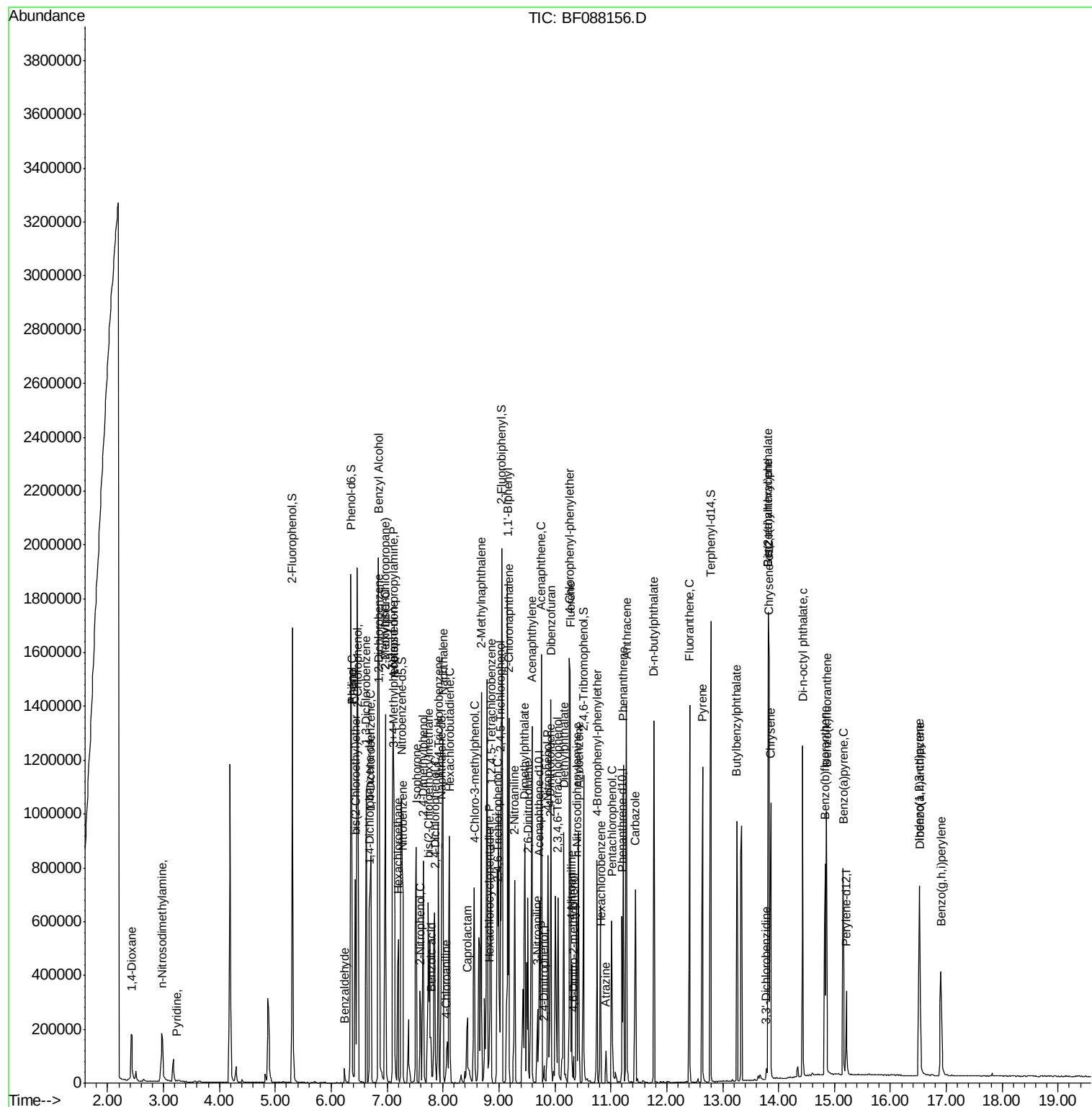
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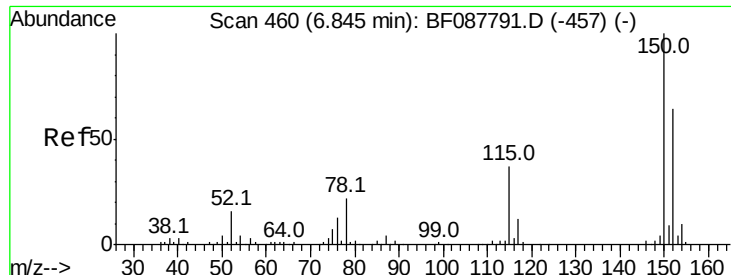
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

Tot Ion:152 Resp: 93124

Ion Ratio Lower Upper

152 100

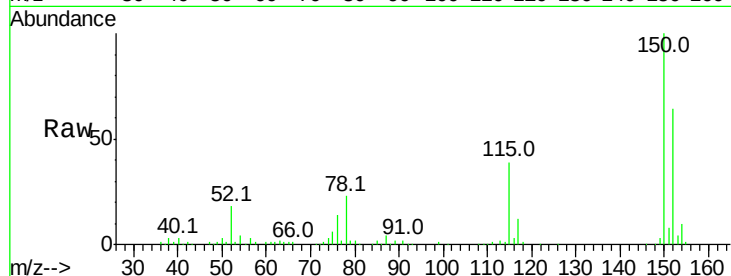
150 156.1 123.8 185.6

115 60.5 39.6 59.4#

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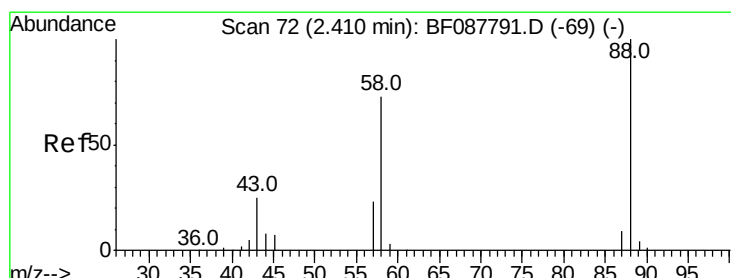
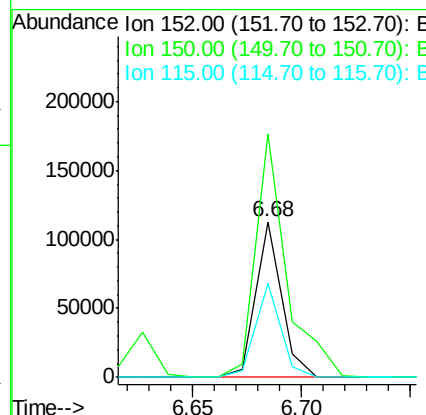
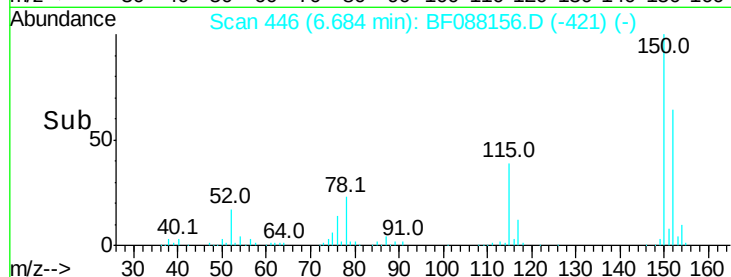
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.97 ng m

RT: 2.43 min Scan# 74

Delta R.T. 0.25 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

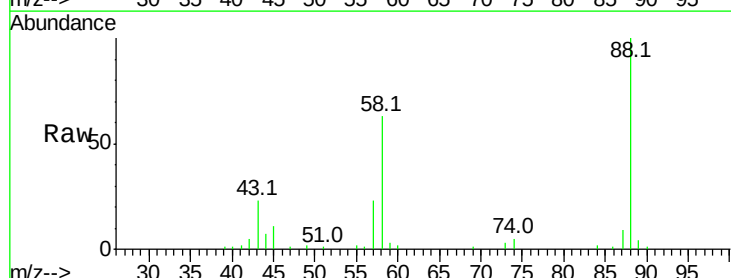
Tgt Ion: 88 Resp: 95195

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

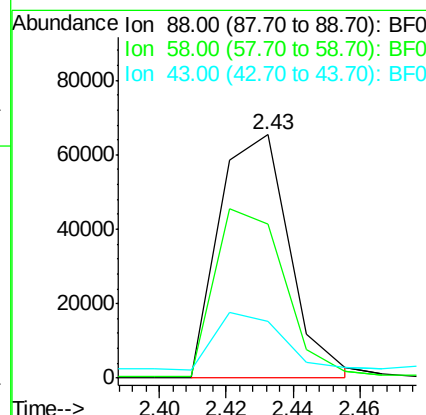
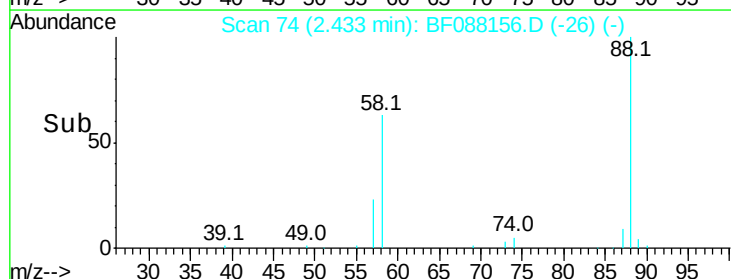
43 0.0 3.4 5.2#

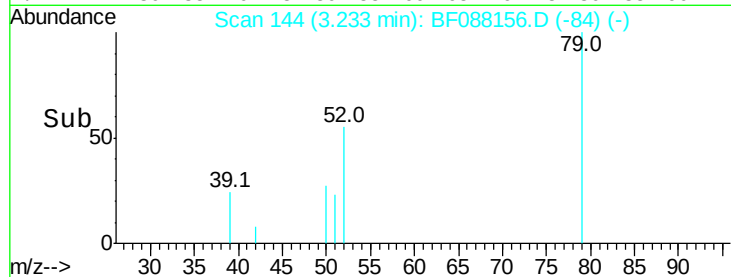
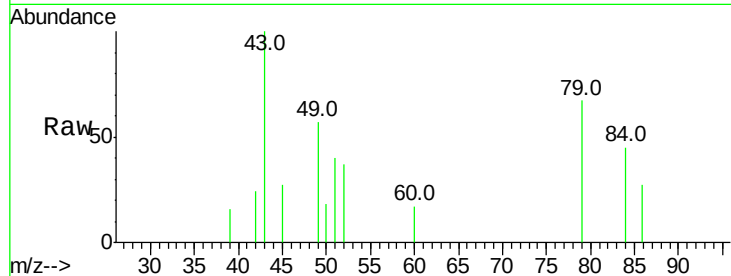
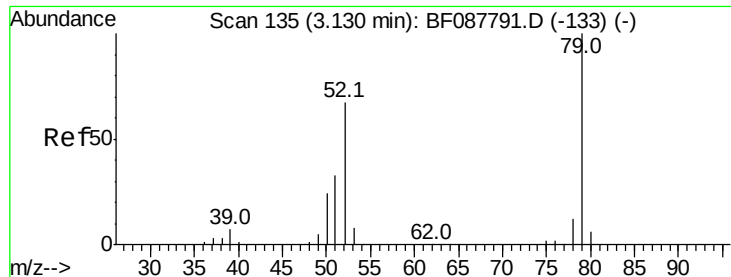


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





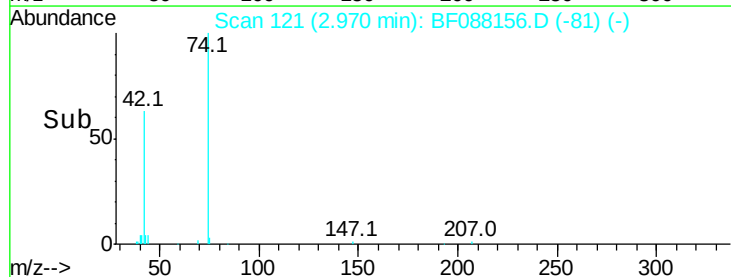
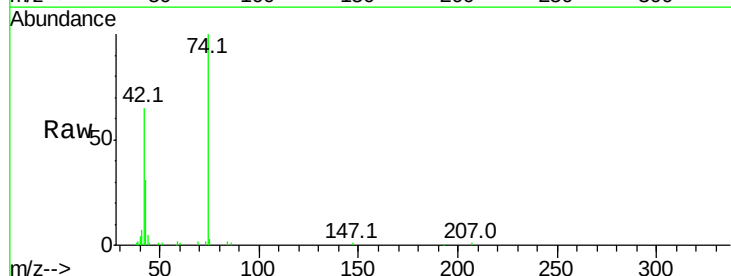
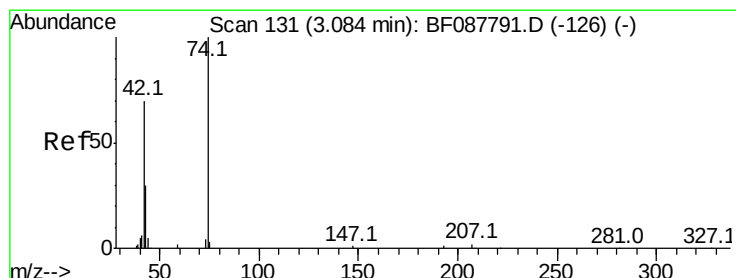
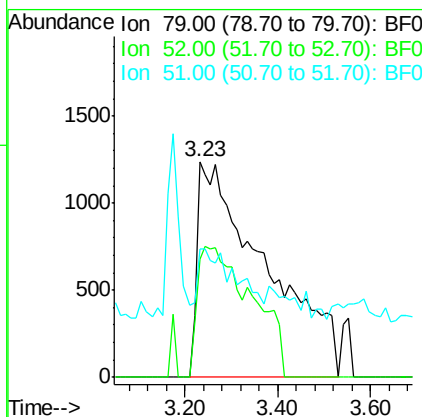
#3
Pvridine
Concen: 2.02 ng/ml
RT: 3.23 min Scan# 144
Delta R.T. 0.39 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.1	56.3	84.5#
51	59.5	27.4	41.2#

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ClientSampleId :
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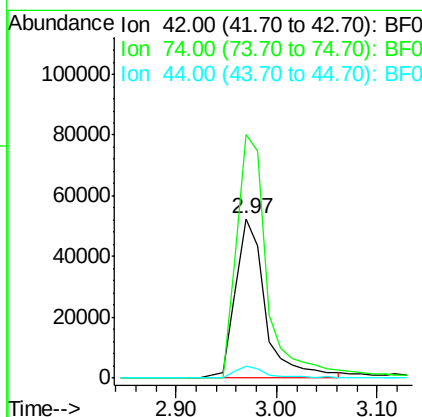
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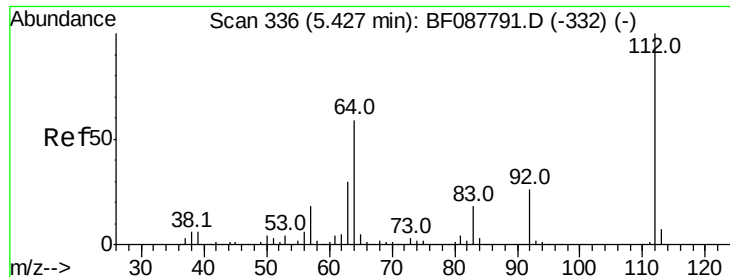
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#4
n-Nitrosodimethylamine
Concen: 41.13 ng
RT: 2.97 min Scan# 121
Delta R.T. 0.16 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.0	108.6	163.0
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 124.90 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

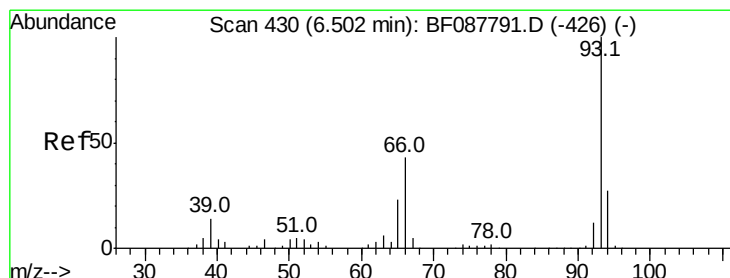
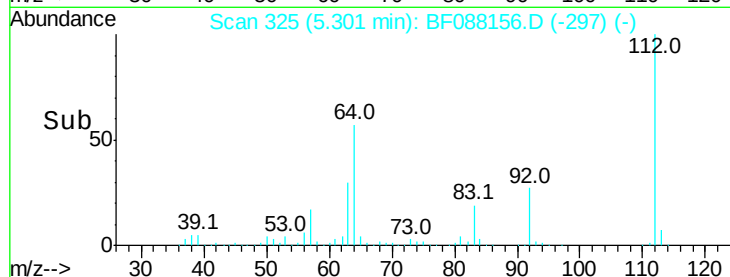
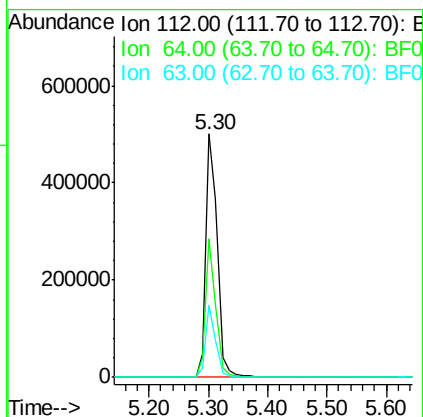
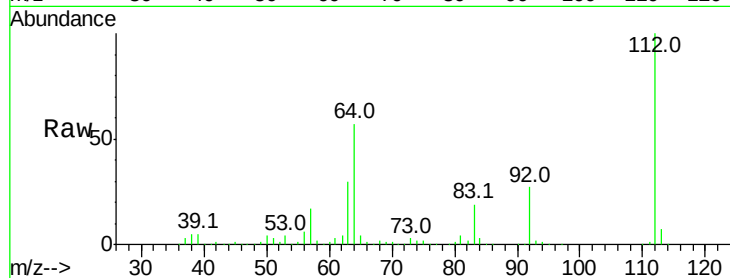
ClientSampleId :

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Tot Ion:	112	Resp:	680346
Ion Ratio	Lower	Upper	
112	100		
64	57.1	42.2	63.2
63	29.6	21.8	32.8

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#6

Aniline

Concen: 4.89 ng

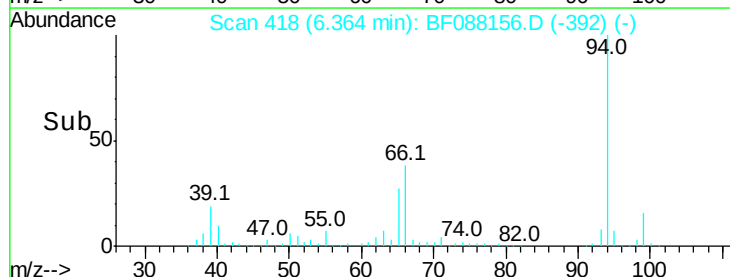
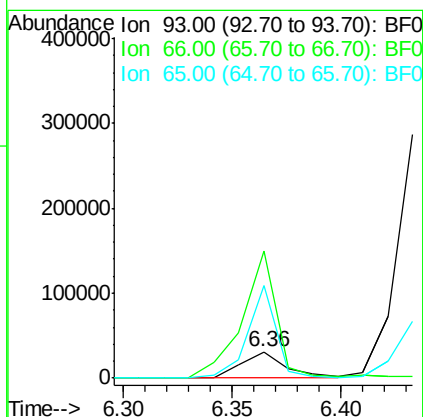
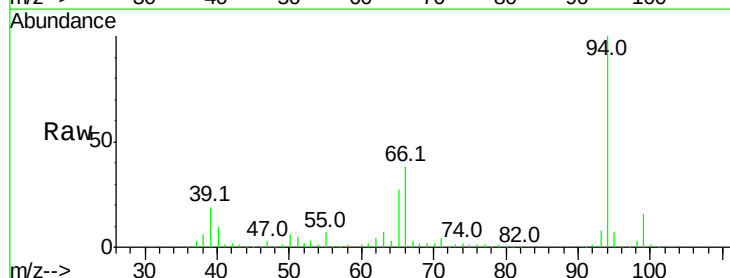
RT: 6.36 min Scan# 418

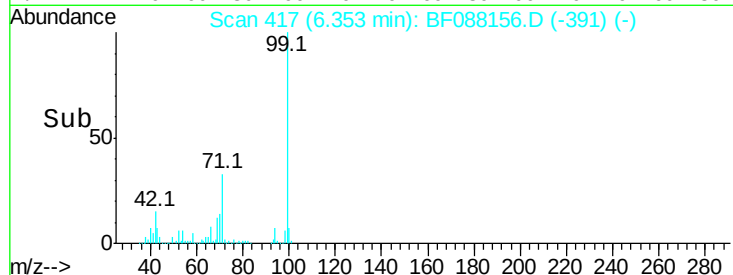
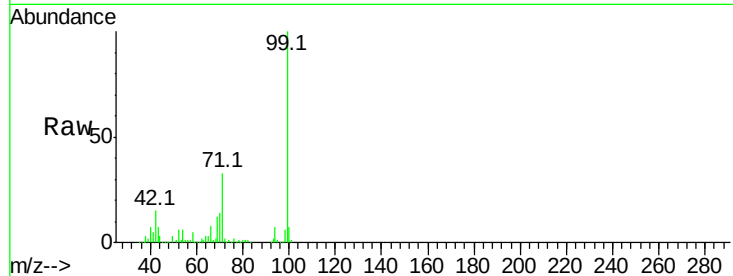
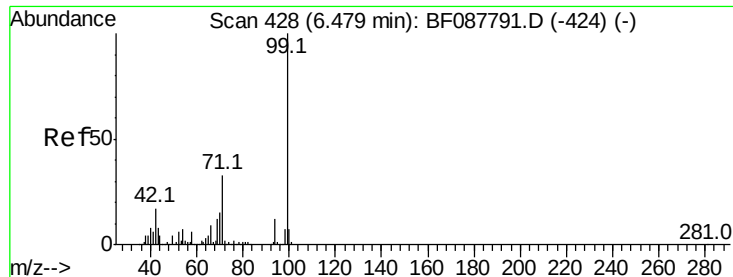
Delta R.T. -0.00 min

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Acq: 19 Jun 2016 2:20

Tgt Ion:	93	Resp:	45914
Ion Ratio	Lower	Upper	
93	100		
66	482.7	29.8	44.8#
65	348.2	14.9	22.3#





#7

Phenol-d6

Concen: 119.86 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088156.D

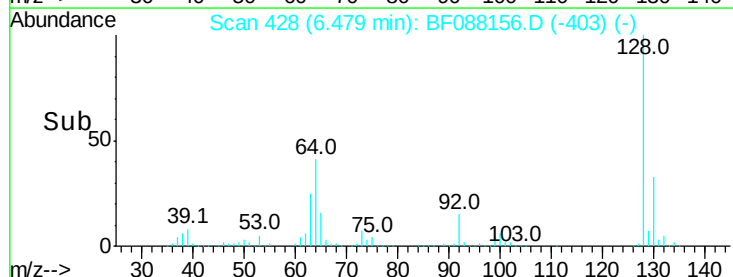
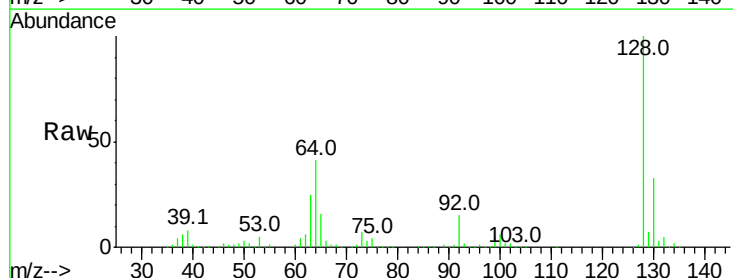
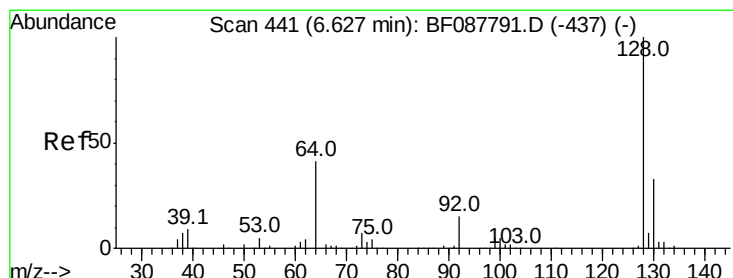
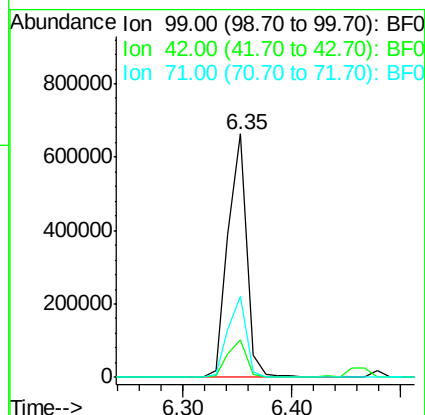
Acq: 19 Jun 2016 2:20

Tot Ion	99	Resp	791274
Ion Ratio	Lower	Upper	
99	100		
42	15.3	12.2	18.2
71	33.3	23.4	35.0

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PL-UP1-COMPMSD

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#8

2-Chlorophenol

Concen: 45.90 ng

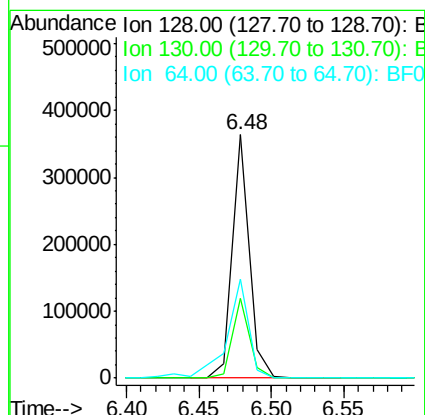
RT: 6.48 min Scan# 428

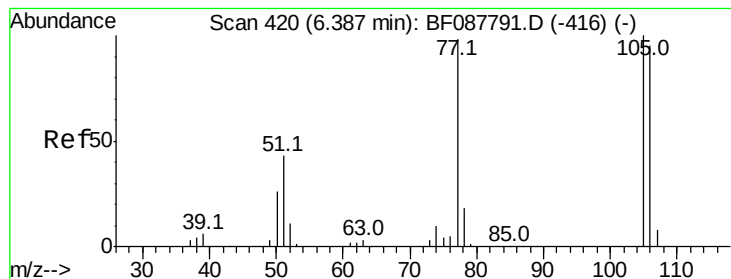
Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion	128	Resp	295934
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.0	52.0
64	40.9	30.8	70.8





#9

Benzaldehyde

Concen: 2.82 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

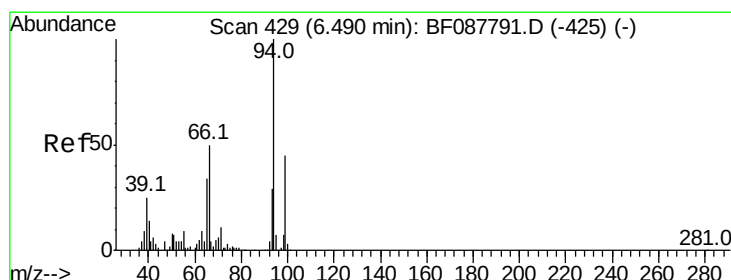
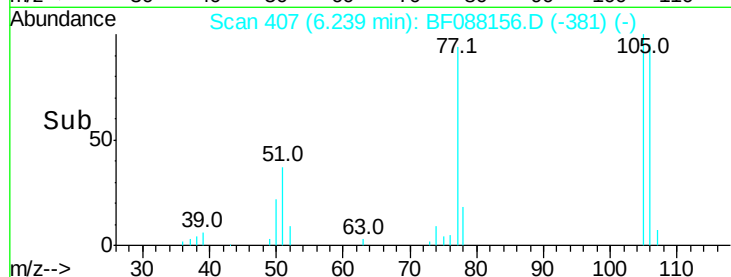
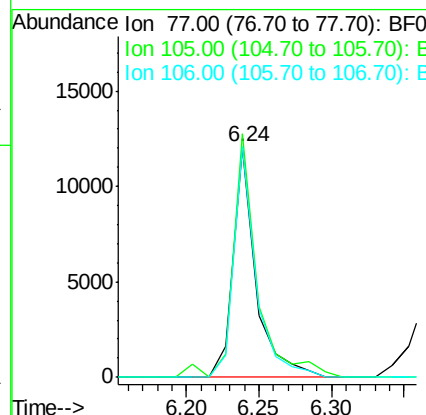
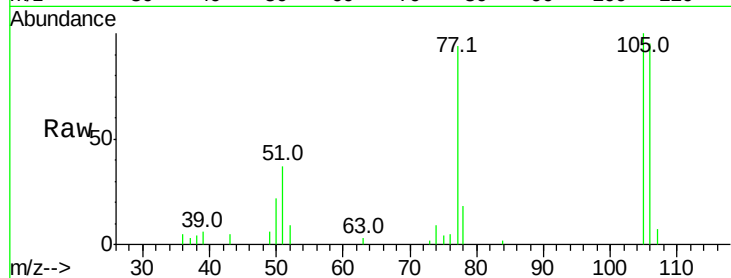
ClientSampleId :

PL-UP1-COMPMSD

Tot Ion:	77	Resp:	13178
Ion Ratio	Lower	Upper	
77	100		
105	106.0	90.6	130.6
106	100.6	85.3	125.3

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#10

Phenol

Concen: 49.37 ng

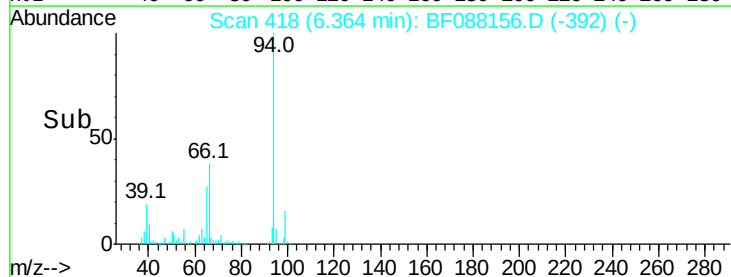
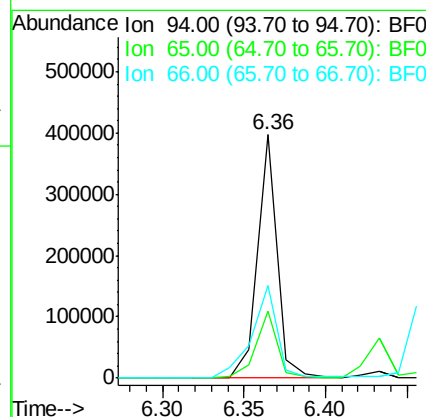
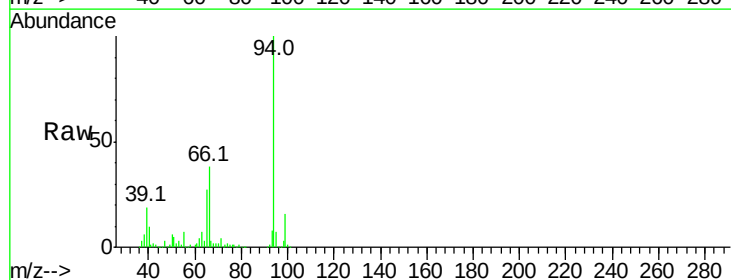
RT: 6.36 min Scan# 418

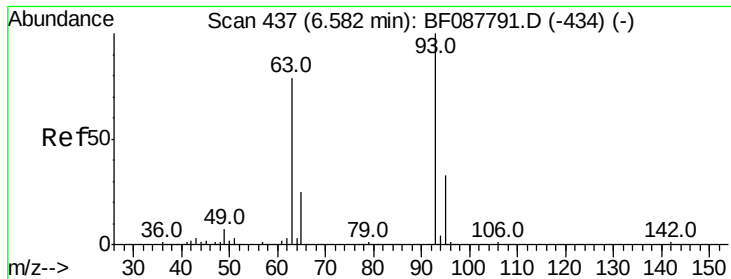
Delta R.T. -0.00 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:	94	Resp:	334865
Ion Ratio	Lower	Upper	
94	100		
65	27.3	5.9	45.9
66	37.8	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 45.61 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

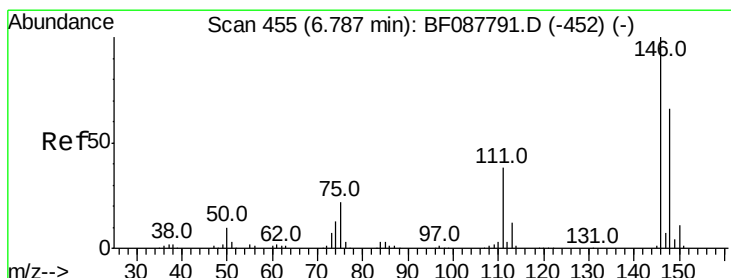
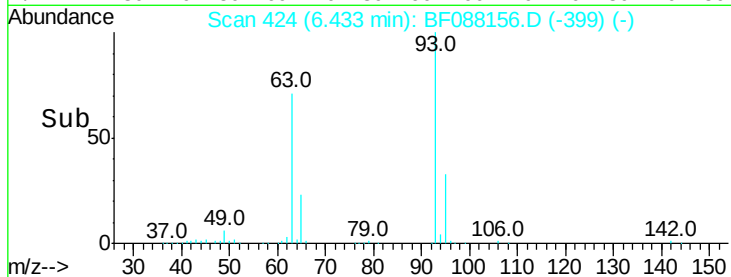
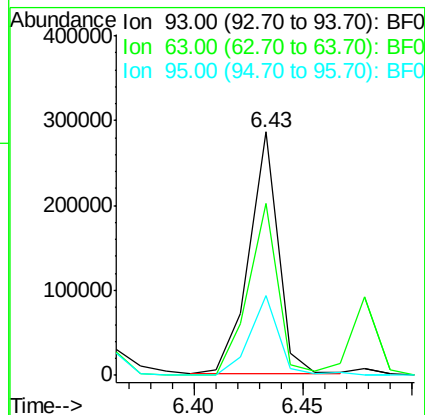
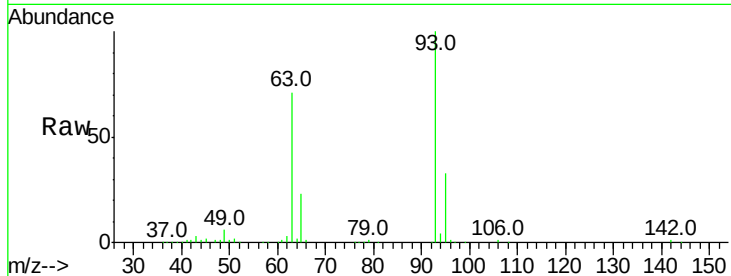
ClientSampleId :

PL-UP1-COMPMSD

Tot Ion:	93	Resp:	264040
Ion Ratio	Lower	Upper	
93	100		
63	70.9	67.6	107.6
95	32.7	12.5	52.5

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#12

1,3-Dichlorobenzene

Concen: 40.71 ng m

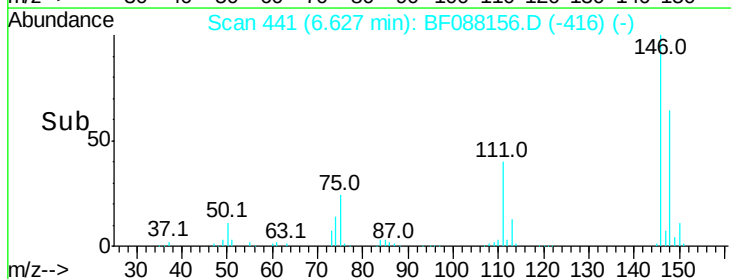
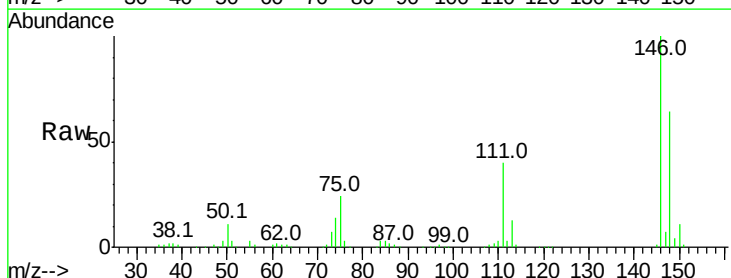
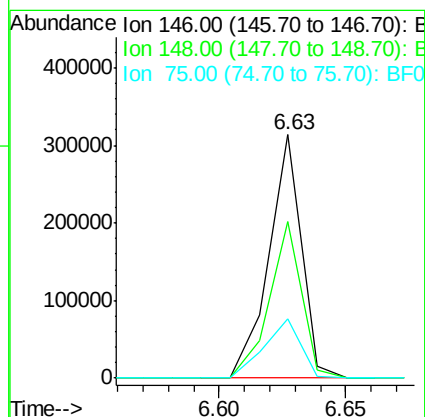
RT: 6.63 min Scan# 441

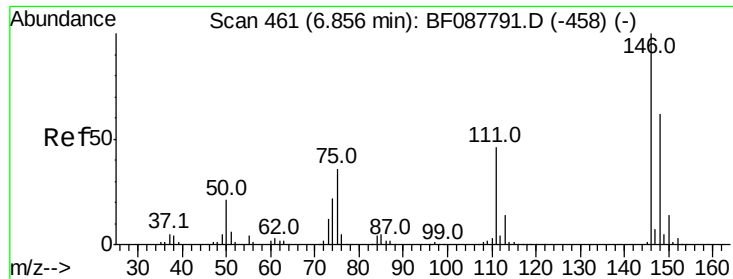
Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:	146	Resp:	281600
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.9	76.3
75	24.1	25.6	38.4#





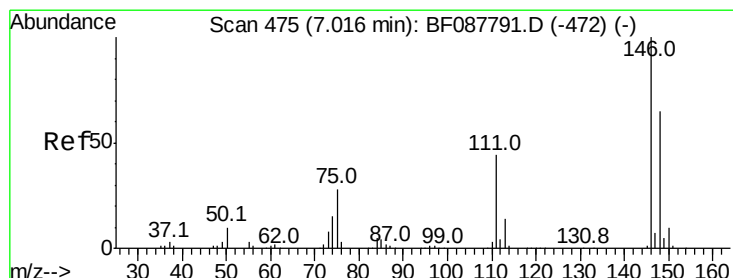
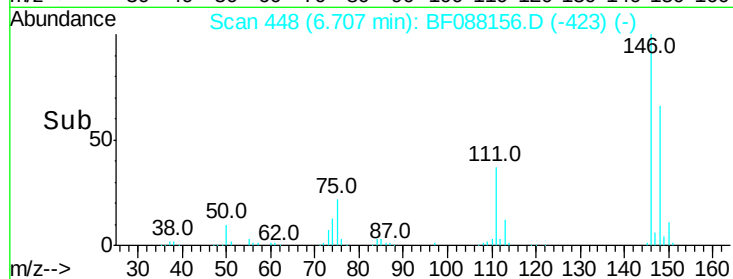
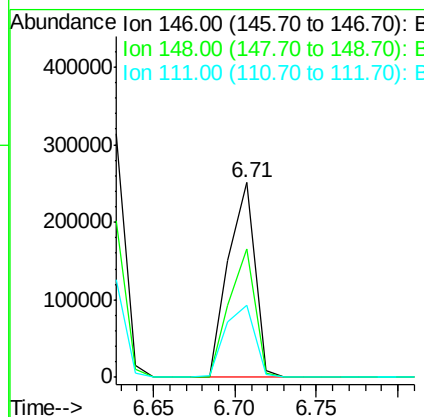
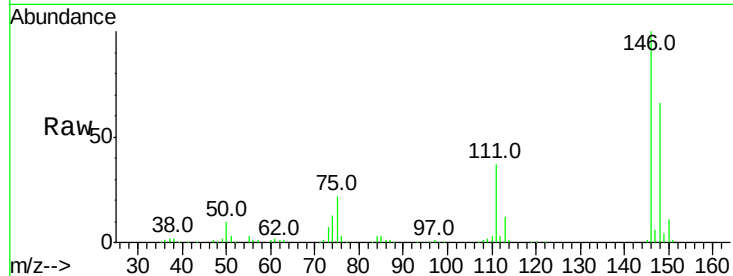
#13
 1,4-Dichlorobenzene
 Concen: 40.53 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.0	78.0
111	37.0	33.8	50.8

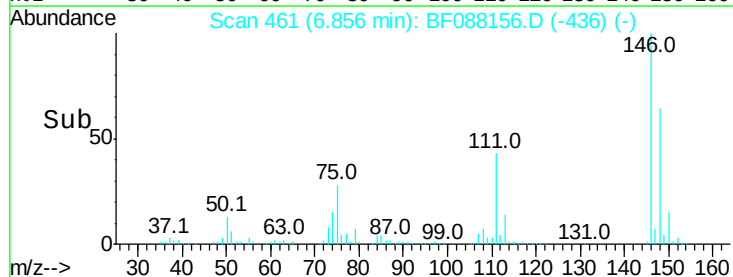
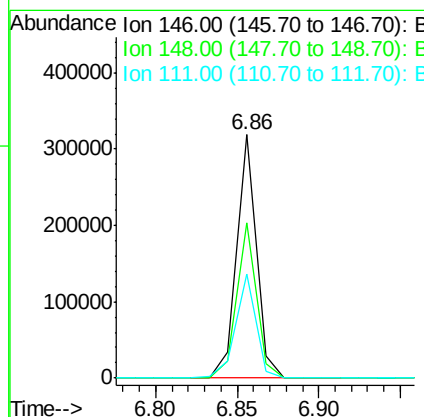
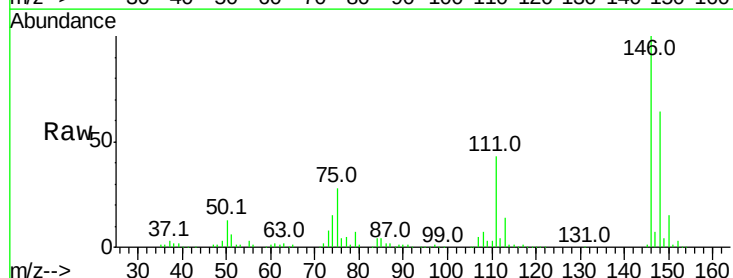
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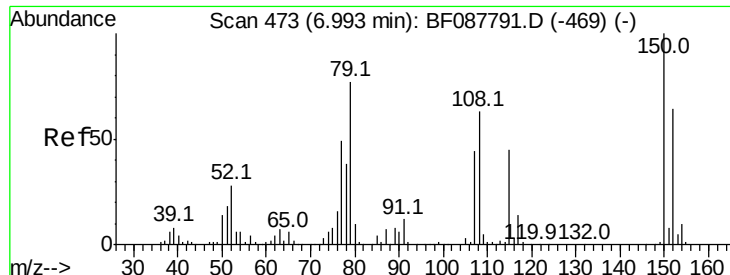
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#14
 1,2-Dichlorobenzene
 Concen: 41.49 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.3	78.5
111	42.6	28.7	43.1





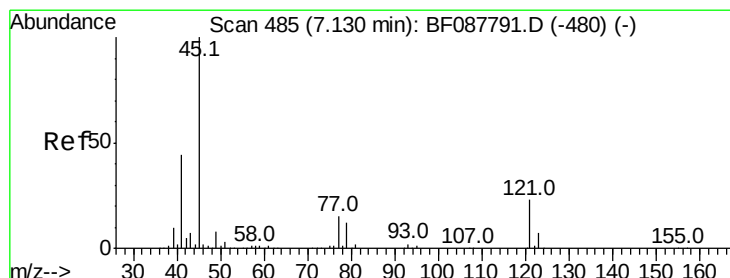
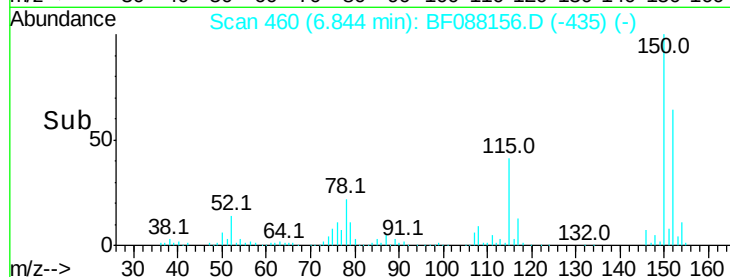
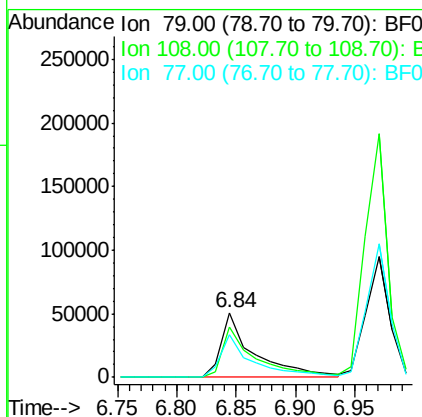
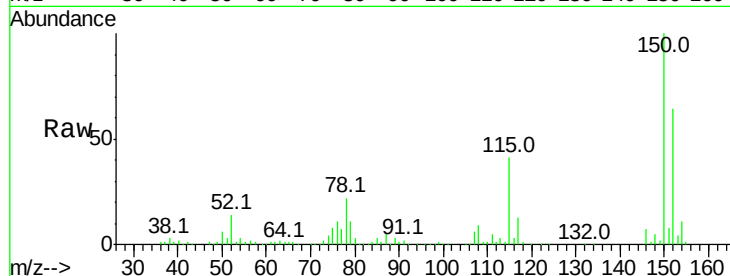
#15
Benzyl Alcohol
Concen: 18.81 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.6	65.0	97.6
77	66.4	50.3	75.5

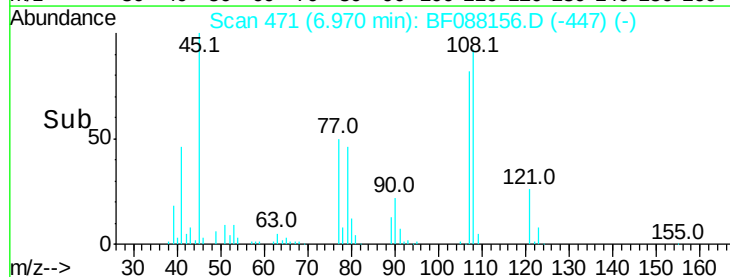
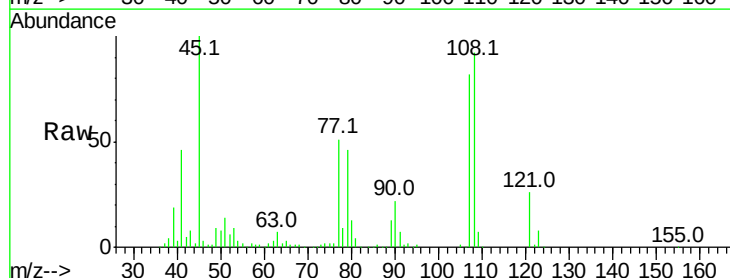
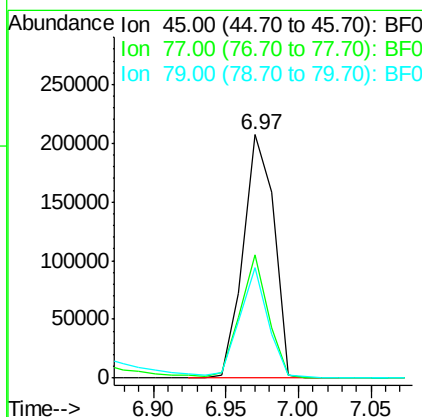
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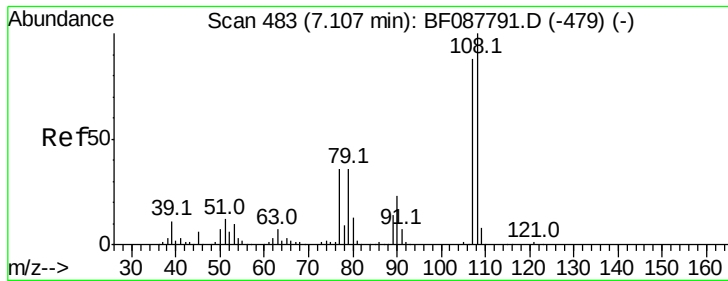
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.96 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	50.7	0.0	32.5#
79	45.6	0.0	29.5#





#17

2-Methylphenol

Concen: 42.63 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

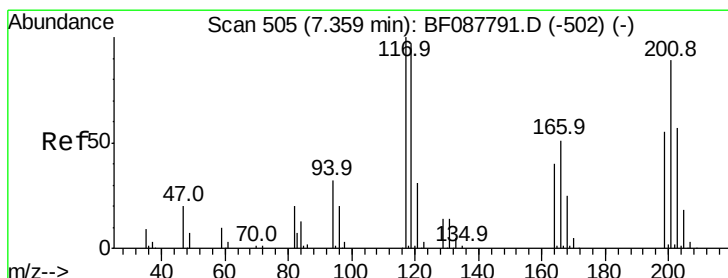
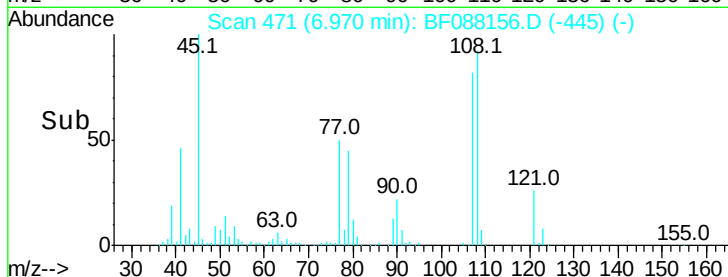
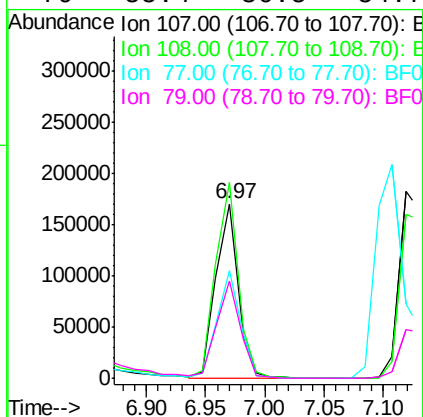
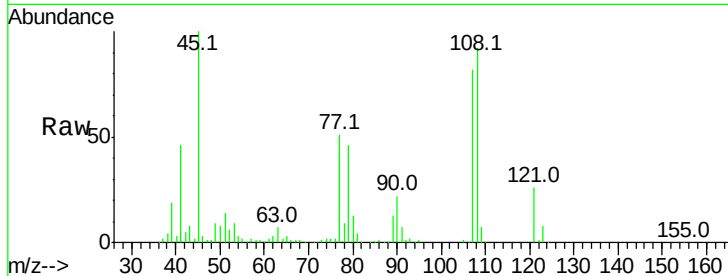
ClientSampleId :

PL-UP1-COMPMSD

Tot Ion:	107	Resp:	222894
Ion Ratio	Lower	Upper	
107	100		
108	112.1	90.9	136.3
77	61.6	36.6	55.0#
79	55.4	36.5	54.7#

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#18

Hexachloroethane

Concen: 36.08 ng

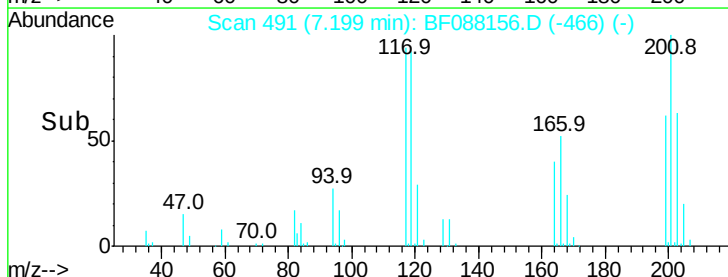
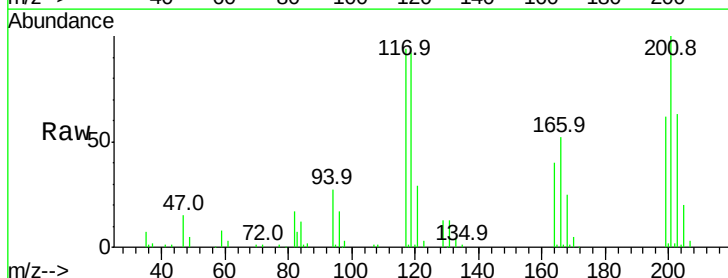
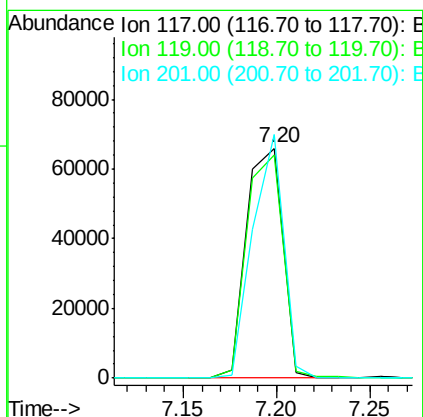
RT: 7.20 min Scan# 491

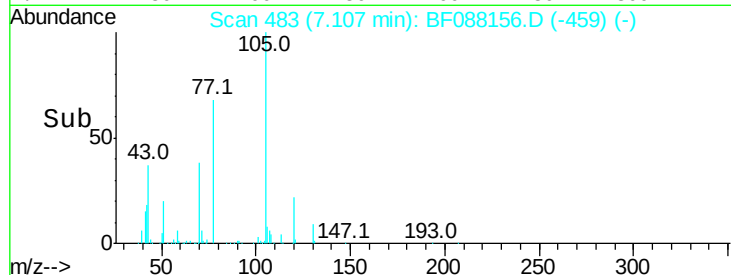
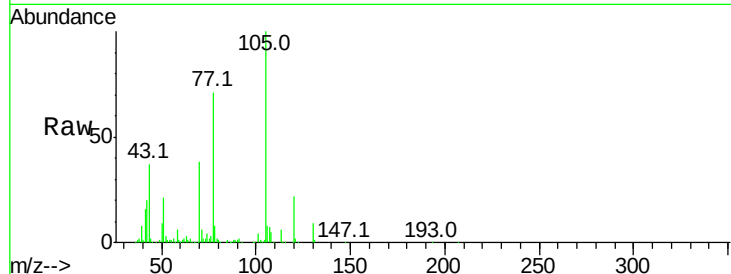
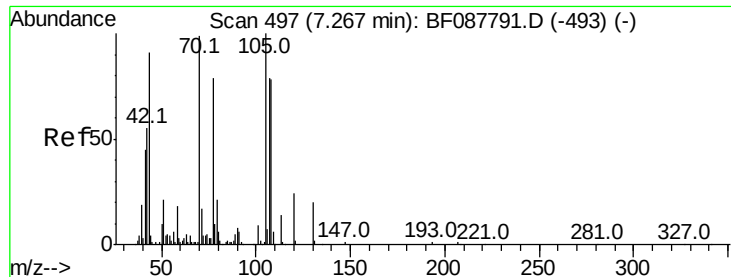
Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:	117	Resp:	89214
Ion Ratio	Lower	Upper	
117	100		
119	97.4	77.4	116.2
201	106.0	80.4	120.6





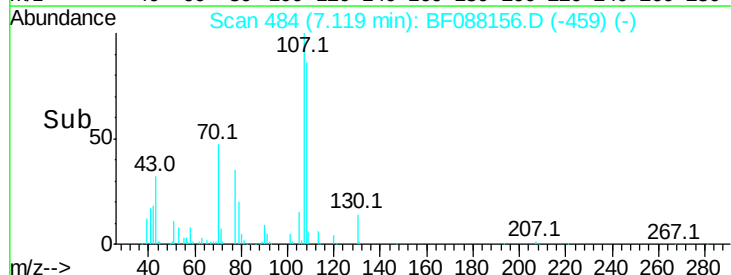
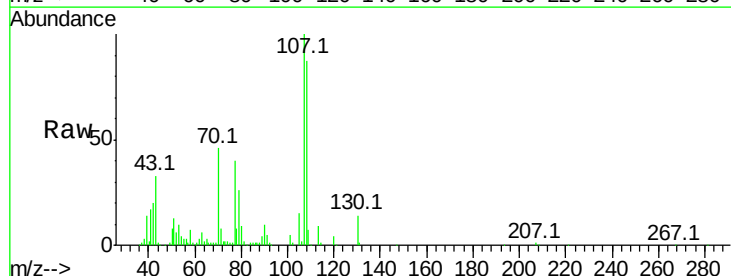
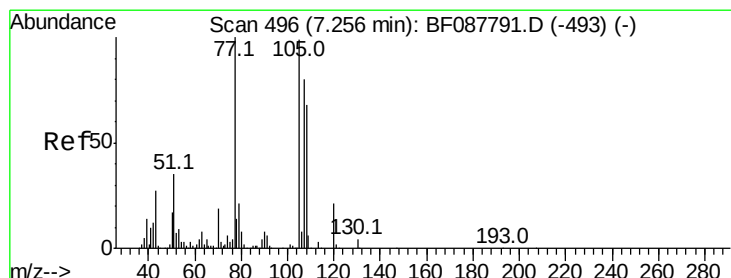
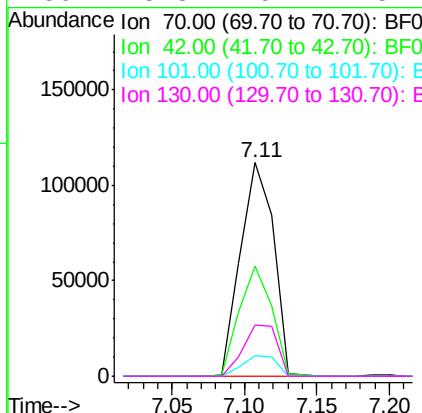
#19
n-Nitroso-di-n-propylamine
Concen: 41.80 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	51.7	49.6	74.4		
101	9.7	7.1	10.7		
130	23.8	15.4	23.2#		

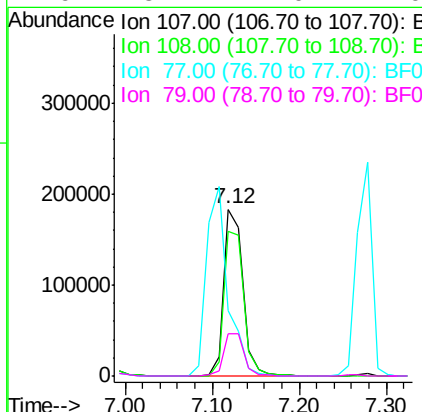
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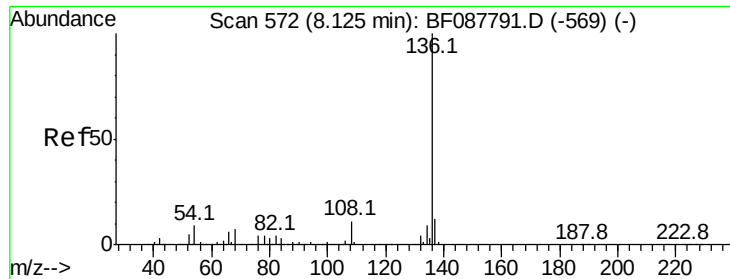
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#20
3+4-Methylphenols
Concen: 46.43 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.1	67.8	107.8		
77	39.5	59.3	99.3#		
79	25.7	7.0	47.0		





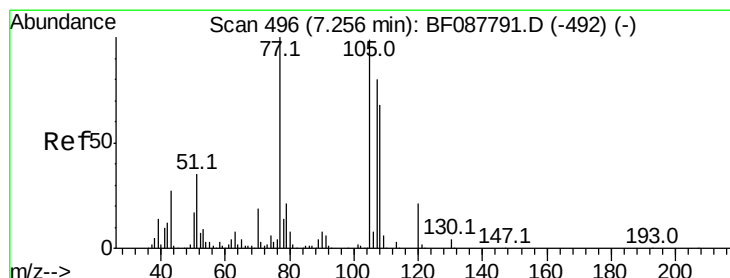
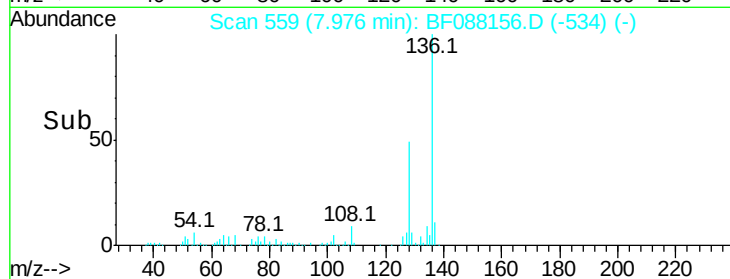
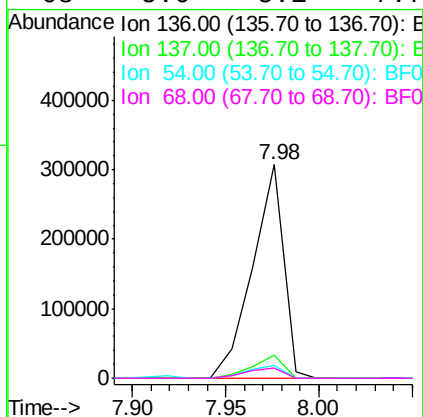
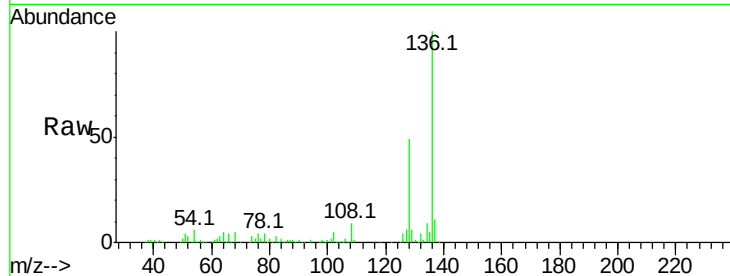
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.8	6.6	10.0#
68	5.0	5.1	7.7#

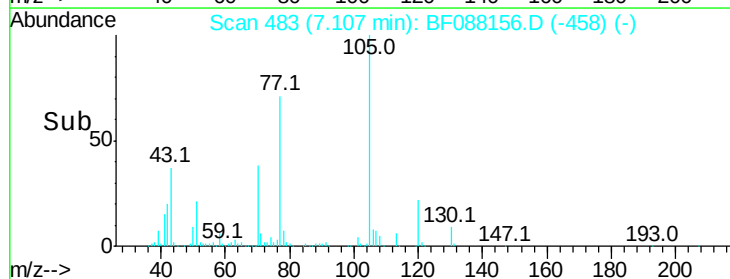
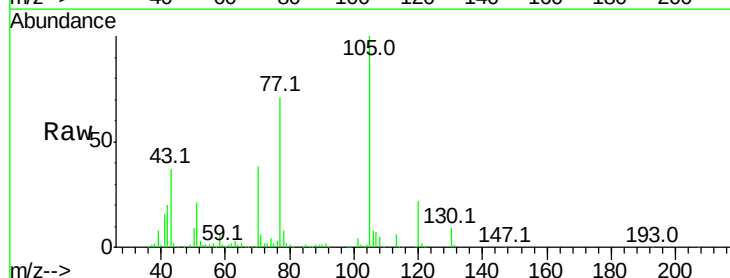
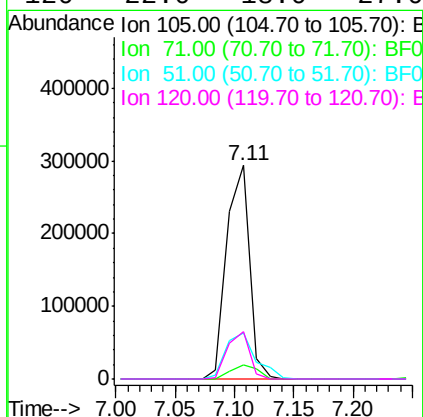
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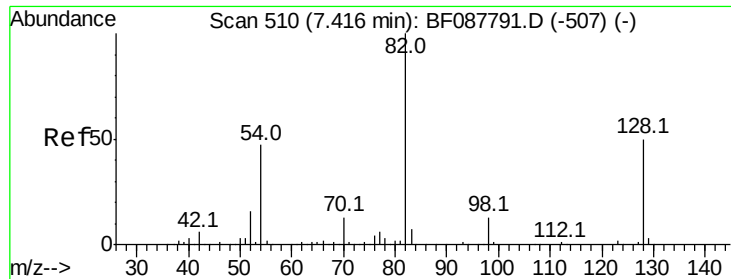
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#22
Acetophenone
Concen: 49.08 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.4	5.3	7.9
51	21.4	18.2	27.4
120	22.0	18.0	27.0





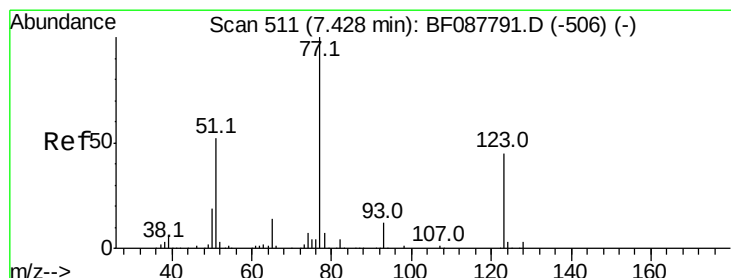
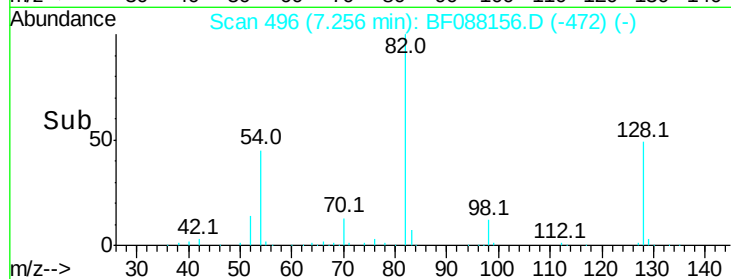
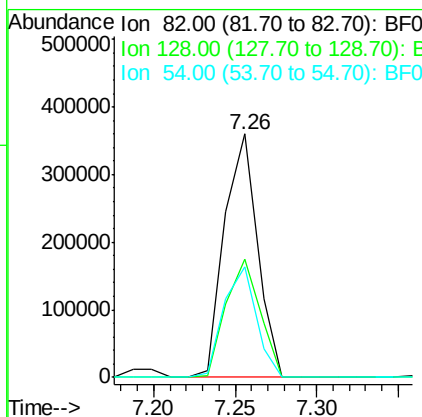
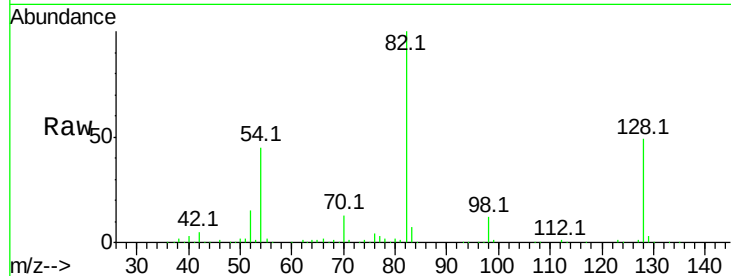
#23
 Nitrobenzene-d5
 Concen: 82.48 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.5	35.9	53.9	
54	45.4	40.9	61.3	

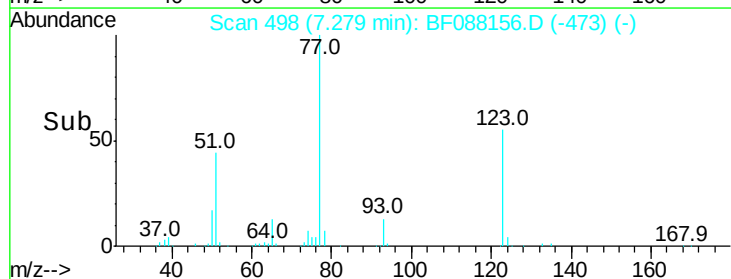
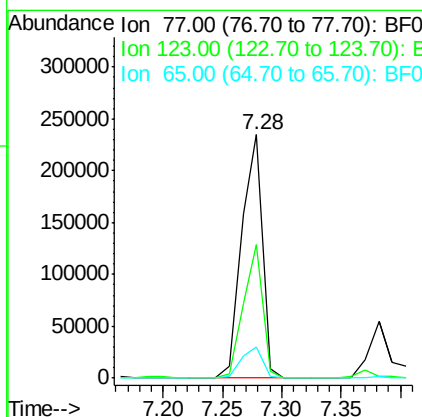
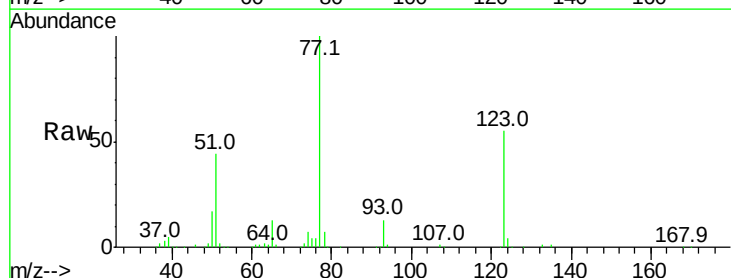
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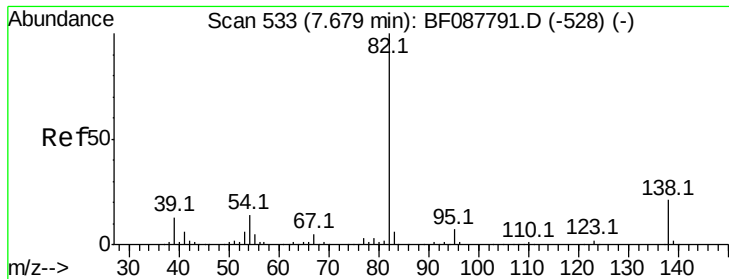
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#24
 Nitrobenzene
 Concen: 48.15 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	54.9	45.0	67.4	
65	12.6	10.2	15.2	





#25

Isophorone

Concen: 44.94 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

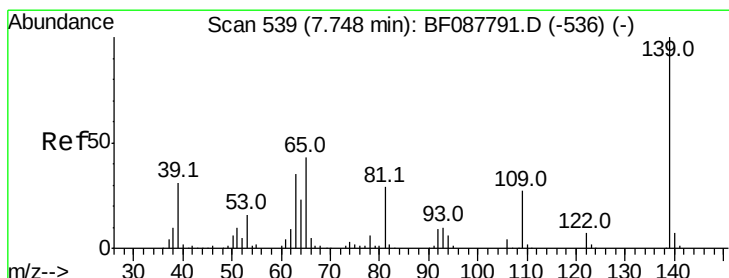
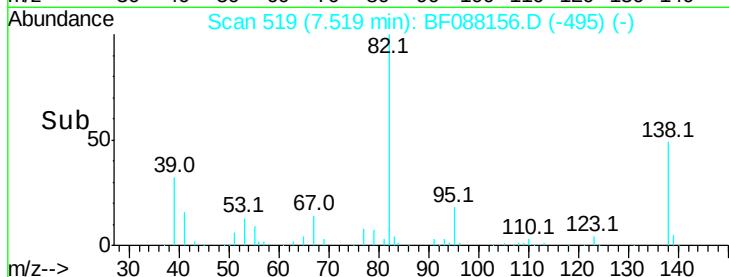
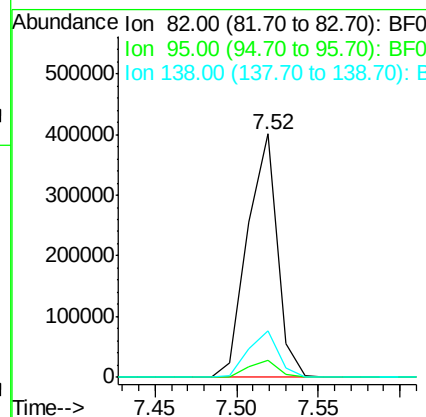
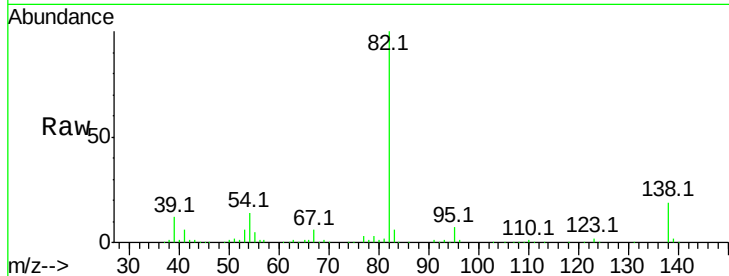
ClientSampleId :

PL-UP1-COMPMSD

Tot Ion:	82	Resp:	506836
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	19.0	14.6	21.8

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#26

2-Nitrophenol

Concen: 38.30 ng

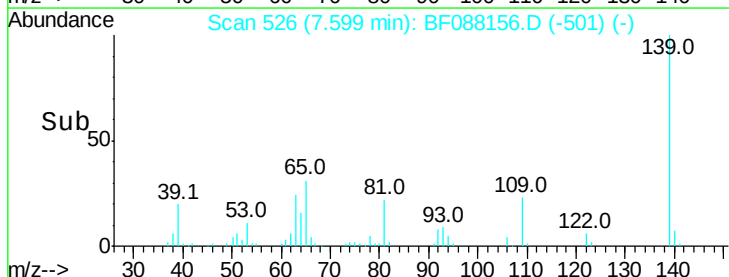
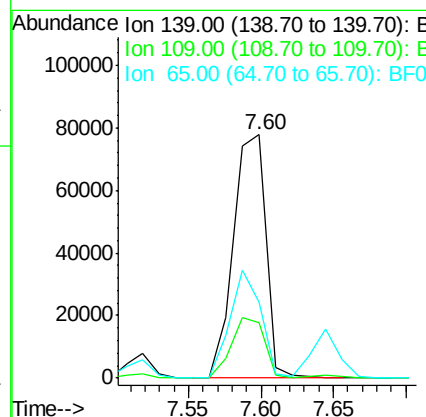
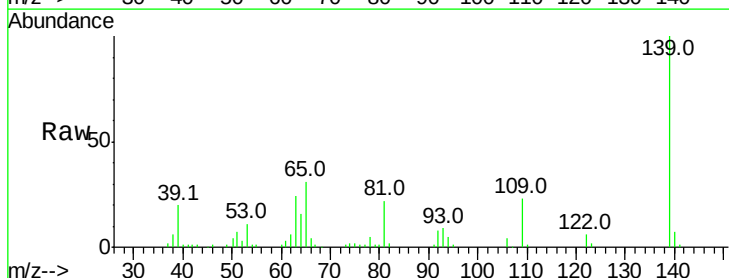
RT: 7.60 min Scan# 526

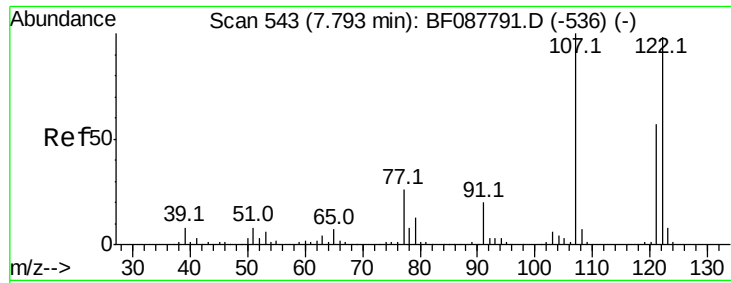
Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:	139	Resp:	121005
Ion Ratio	Lower	Upper	
139	100		
109	22.8	23.0	34.4#
65	31.2	45.8	68.8#





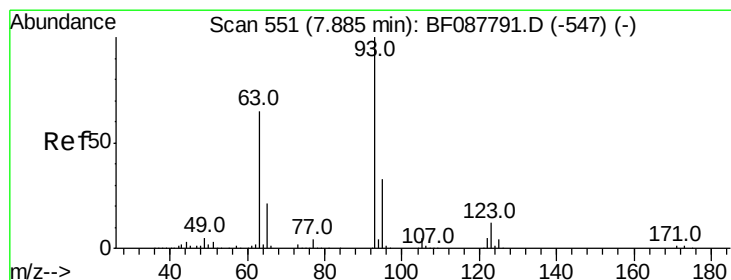
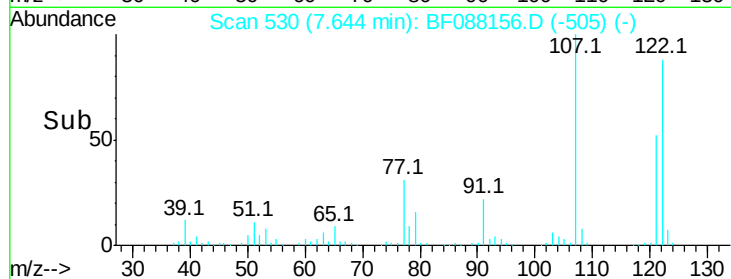
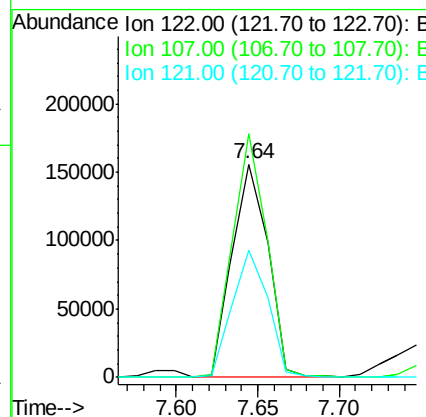
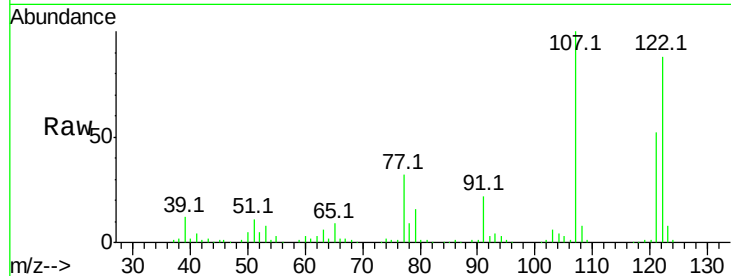
#27
 2,4-Dimethylphenol
 Concen: 40.81 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	237383		
107	114.1	82.4	123.6	
121	59.4	46.3	69.5	

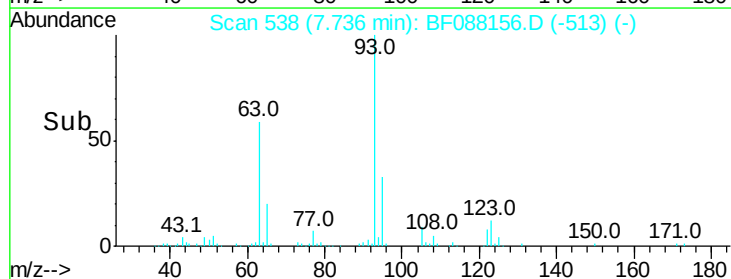
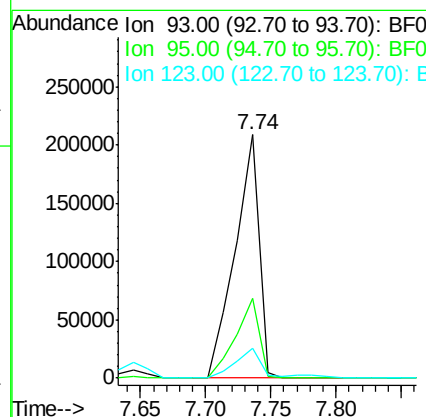
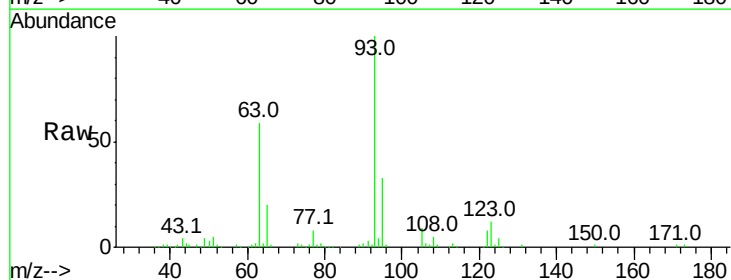
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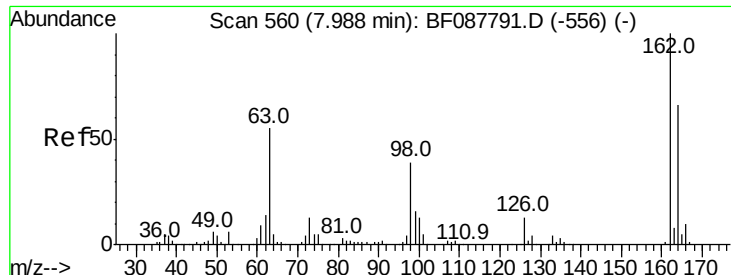
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.10 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	266520		
95	32.6	26.5	39.7	
123	12.4	11.6	17.4	





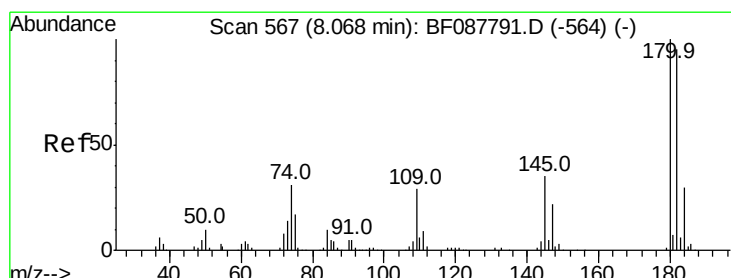
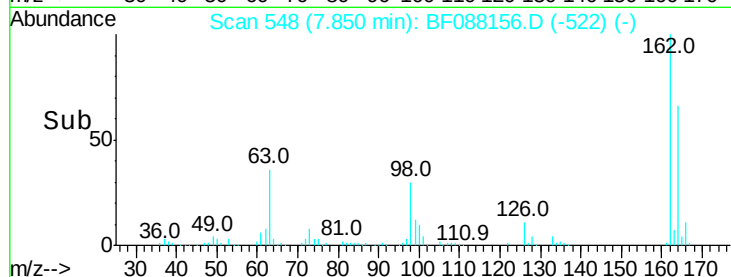
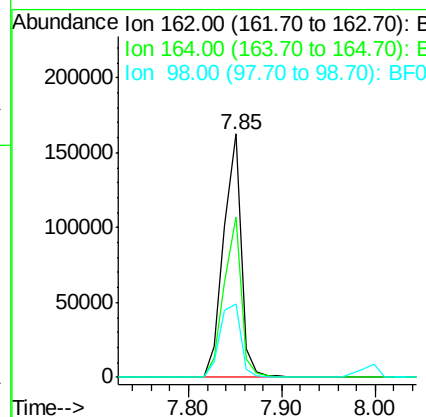
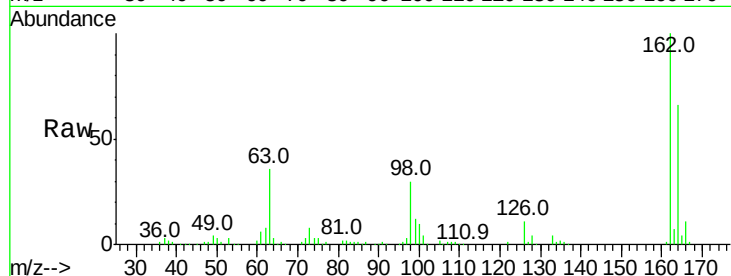
#29
 2,4-Dichlorophenol
 Concen: 44.03 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.8	43.8	83.8
98	29.9	21.3	61.3

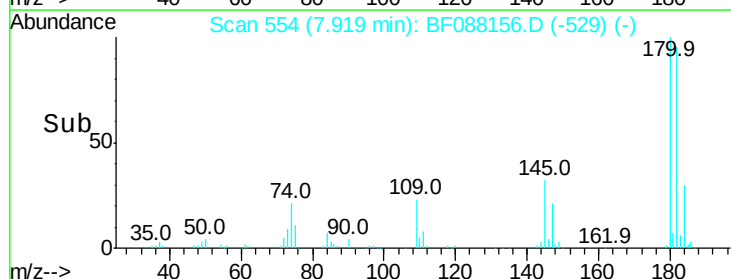
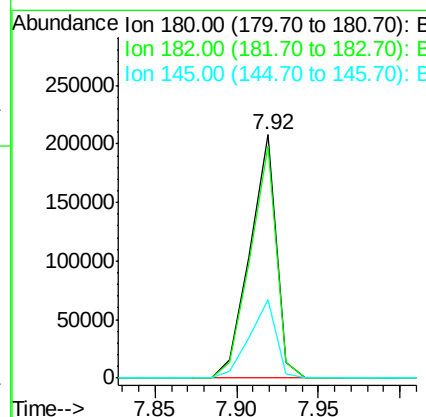
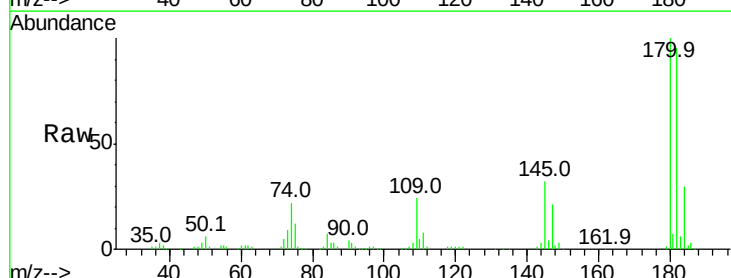
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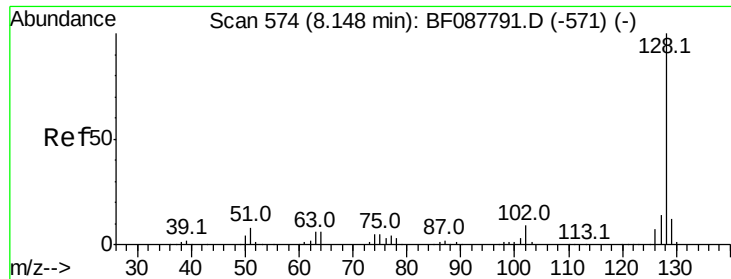
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.20 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.2	76.0	114.0
145	32.0	26.5	39.7





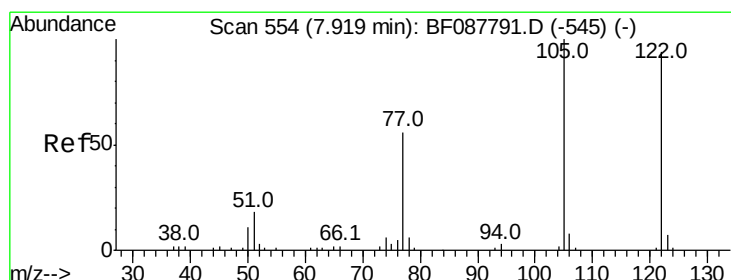
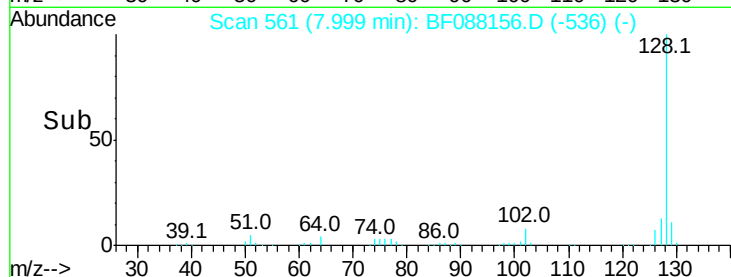
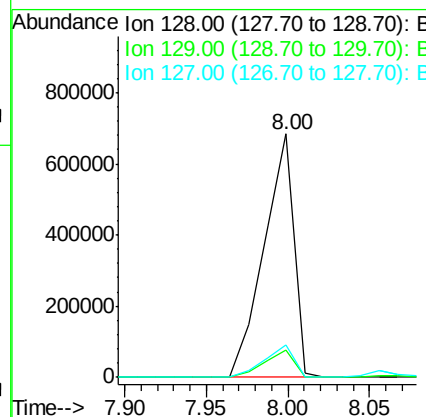
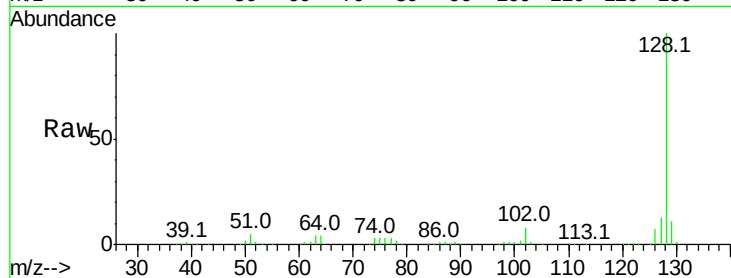
#31
Naphthalene
Concen: 49.68 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	874082		
129	11.0		9.4	14.2
127	13.3		10.9	16.3

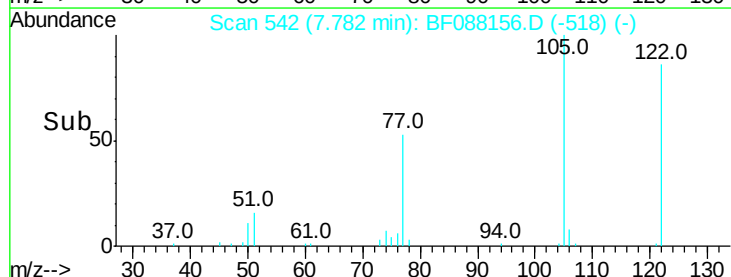
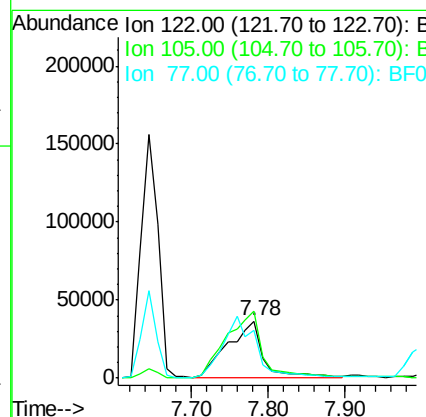
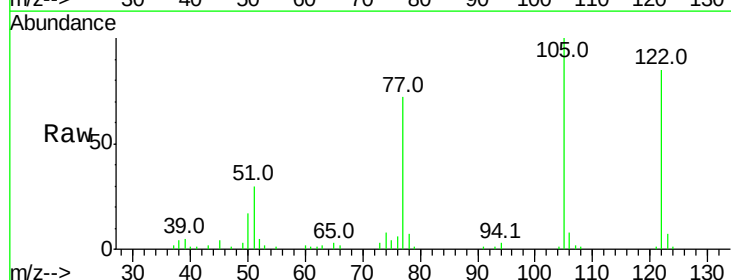
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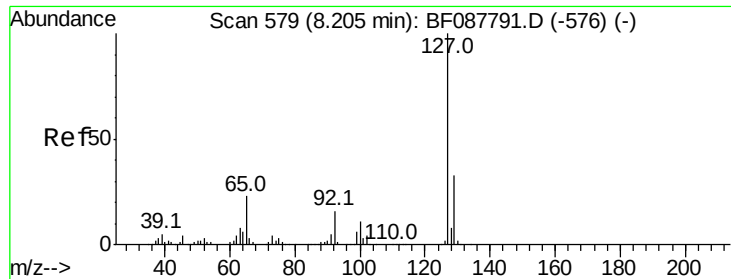
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#32
Benzoic acid
Concen: 35.56 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	113897		
105	117.3		101.6	141.6
77	84.5		70.6	110.6





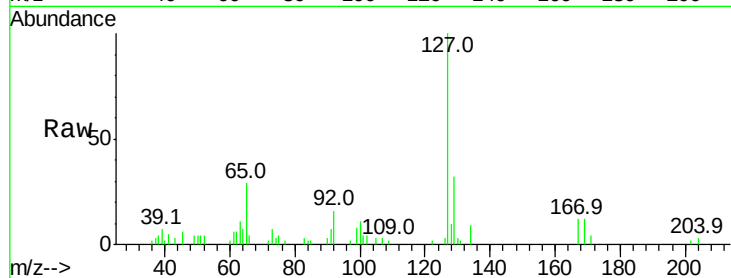
#33
4-Chloroaniline
Concen: 4.11 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

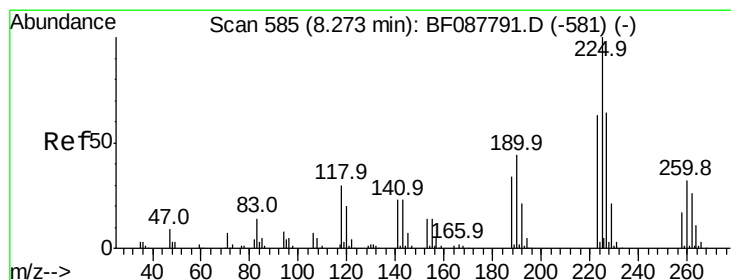
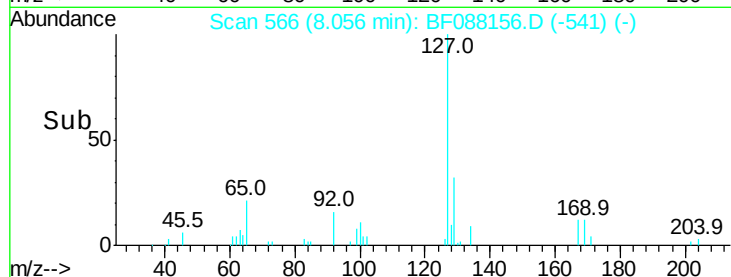
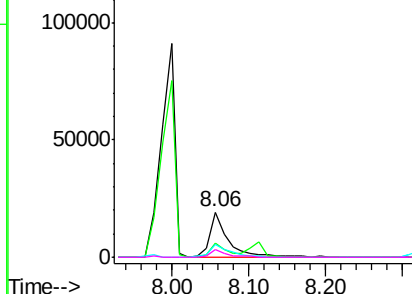
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		32271		
129	32.1	26.3	39.5		
65	28.7	24.7	37.1		
92	16.4	15.4	23.0		

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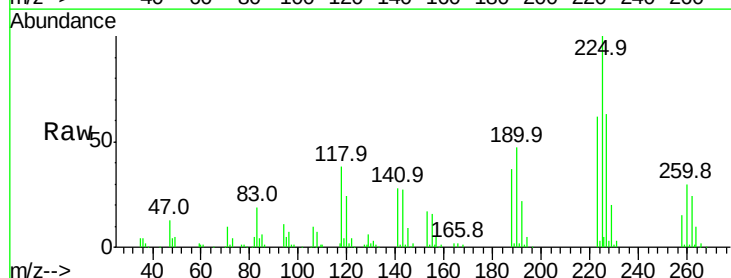


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

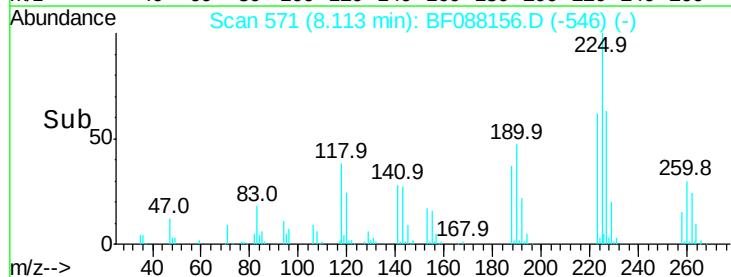
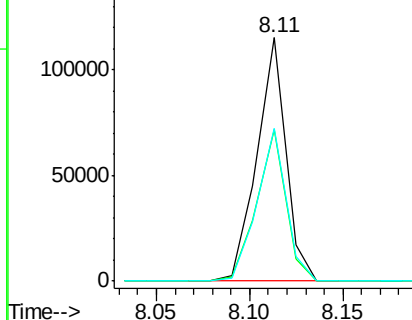


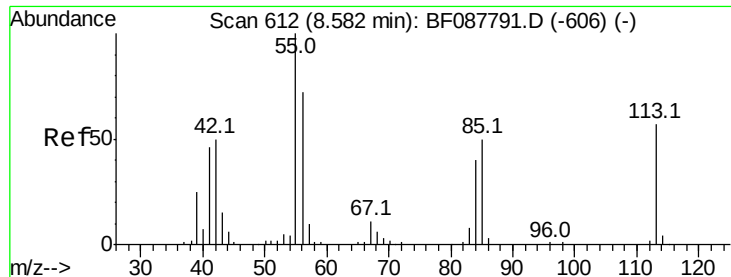
#34
Hexachlorobutadiene
Concen: 44.32 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		123611		
223	62.2	50.9	76.3		
227	62.8	51.9	77.9		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





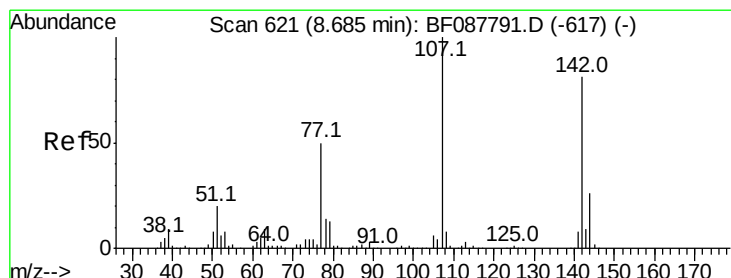
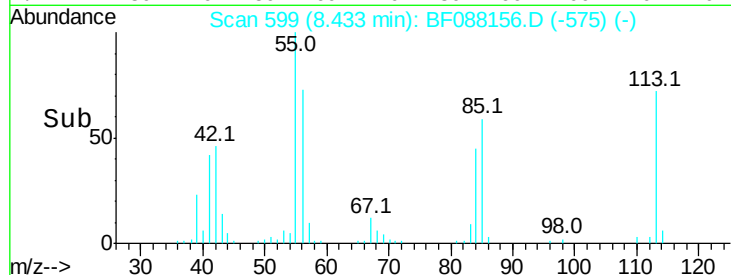
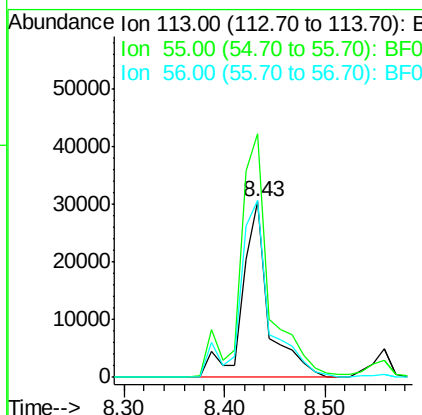
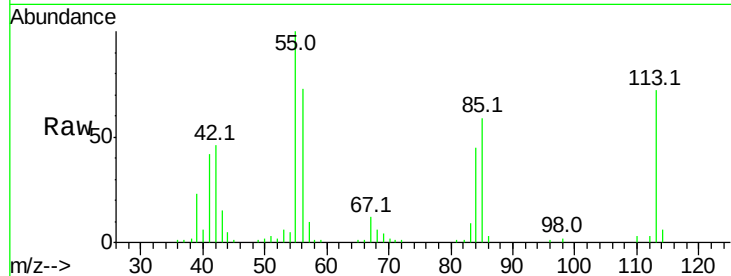
#35
 Caprolactam
 Concen: 34.11 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.02 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Tot Ion:113 Resp: 54867
 Ion Ratio Lower Upper
 113 100
 55 139.0 158.6 198.6#
 56 101.1 110.6 150.6#

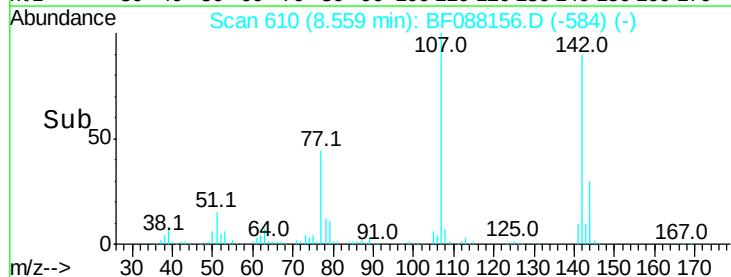
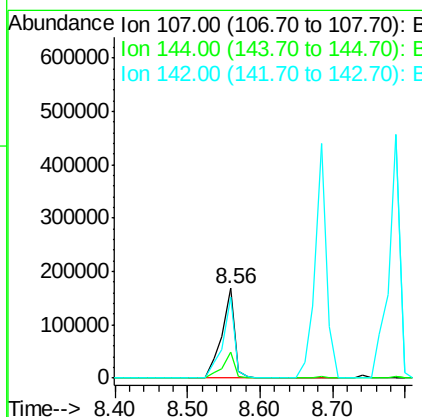
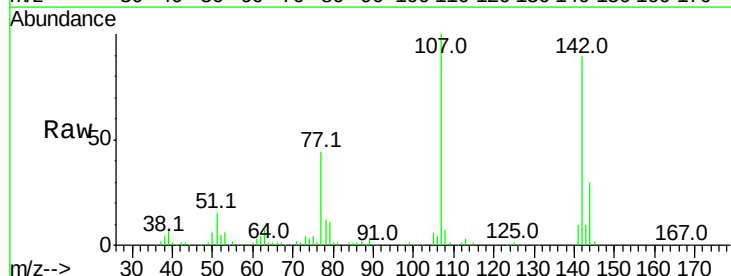
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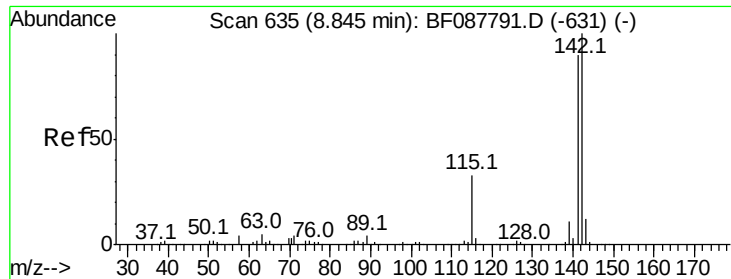
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#36
 4-Chloro-3-methylphenol
 Concen: 40.25 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion:107 Resp: 209075
 Ion Ratio Lower Upper
 107 100
 144 29.6 20.8 31.2
 142 90.4 63.4 95.2





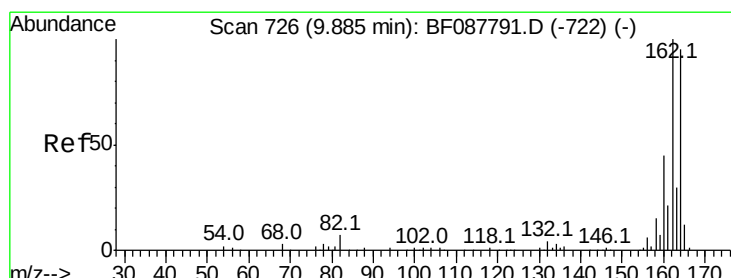
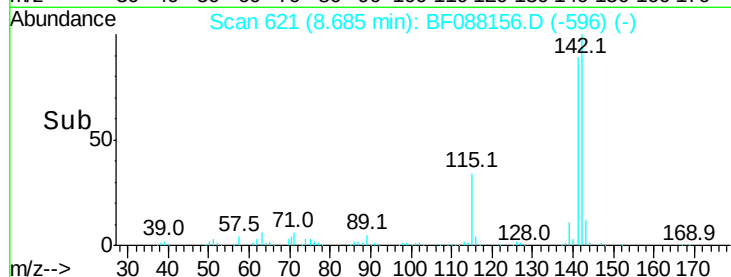
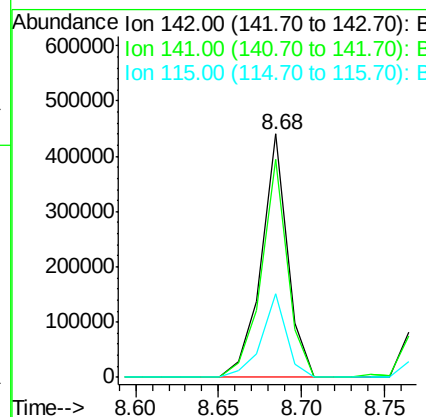
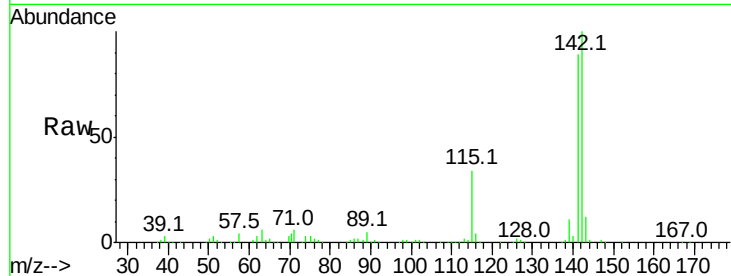
#37
2-Methylnaphthalene
Concen: 41.73 ng/ml
RT: 8.68 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	34.1	22.6	33.8#

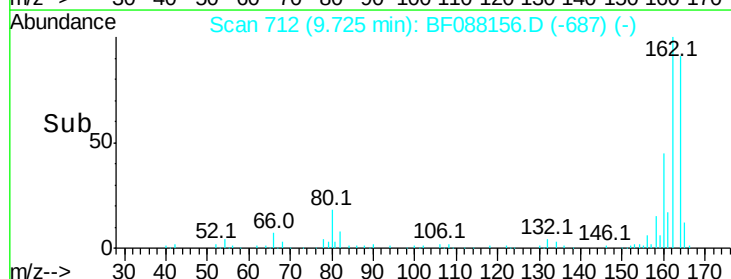
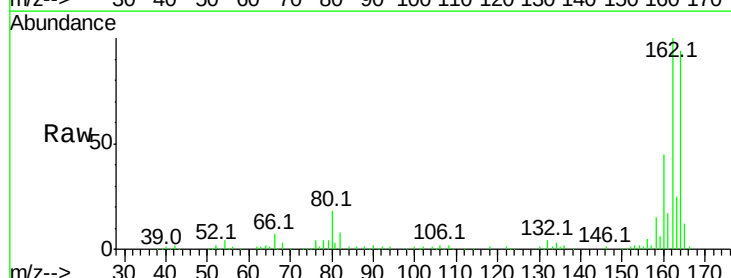
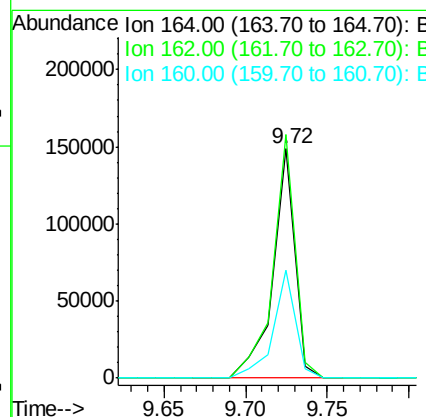
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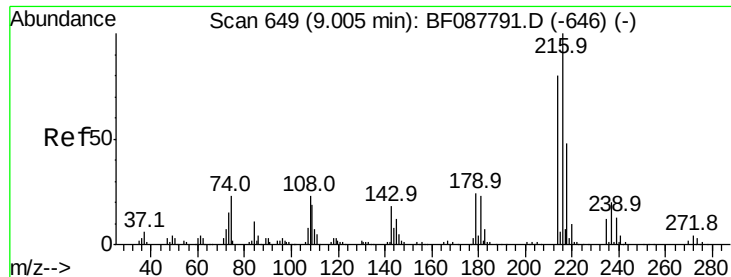
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.4	128.2
160	47.3	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 70.76 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

Tot Ion:216 Resp: 208727
Ion Ratio Lower Upper

216 100

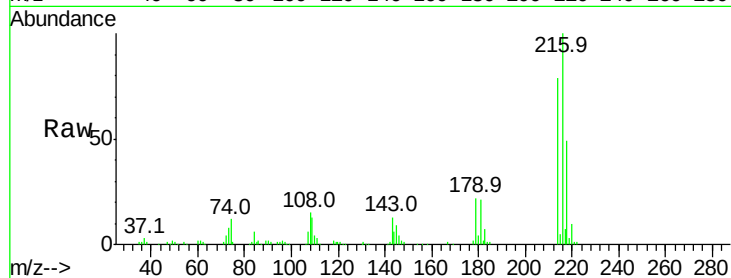
214 79.9 2.9 4.3#

179 22.8 0.0 0.0#

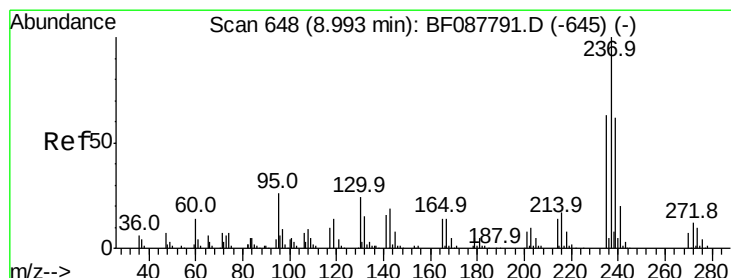
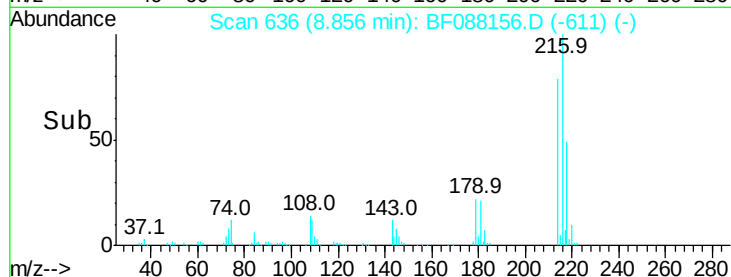
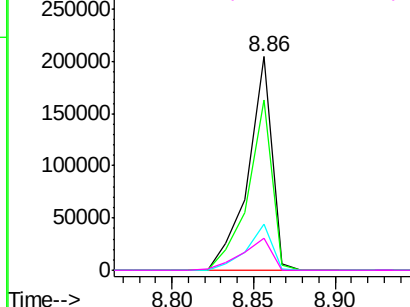
108 18.7 0.5 0.7#

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



#40

Hexachlorocyclopentadiene

Concen: 11.10 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF088156.D

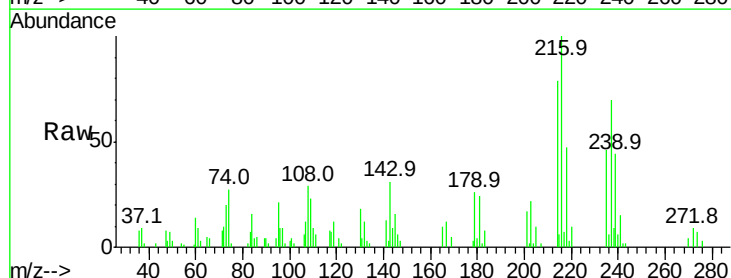
Acq: 19 Jun 2016 2:20

Tgt Ion:237 Resp: 25086
Ion Ratio Lower Upper

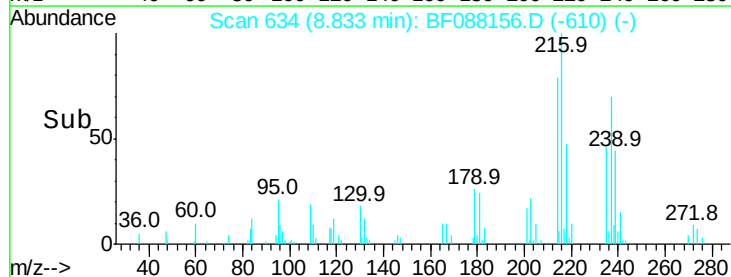
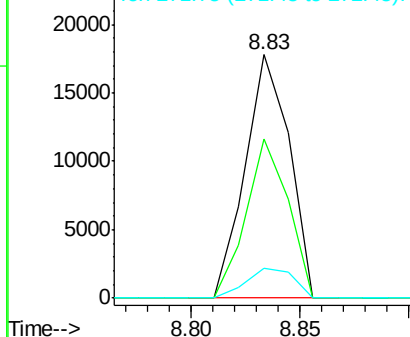
237 100

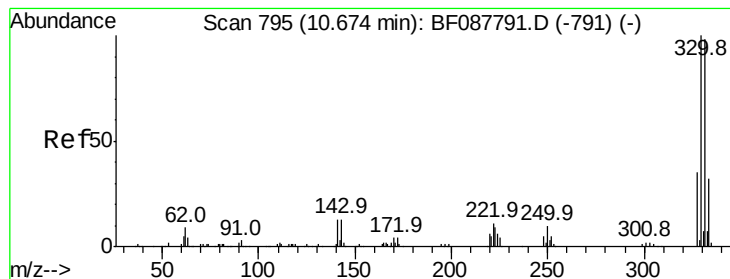
235 65.4 43.4 83.4

272 12.3 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





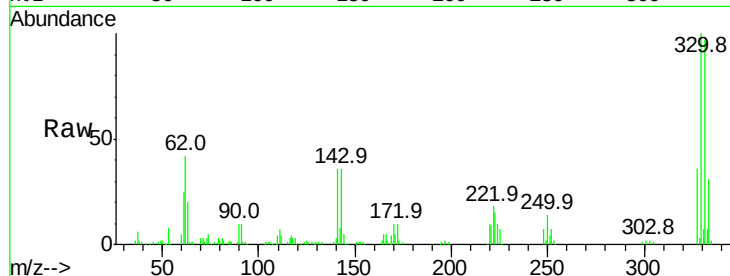
#41
 2,4,6-Tribromophenol
 Concen: 99.70 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

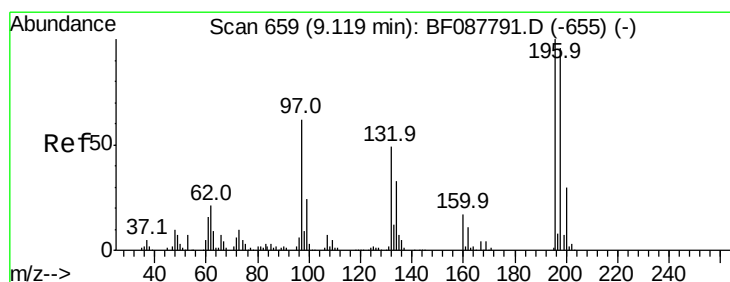
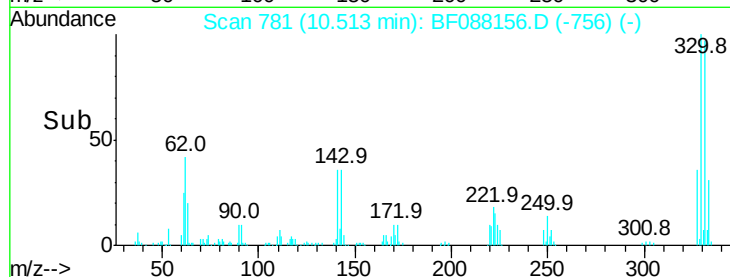
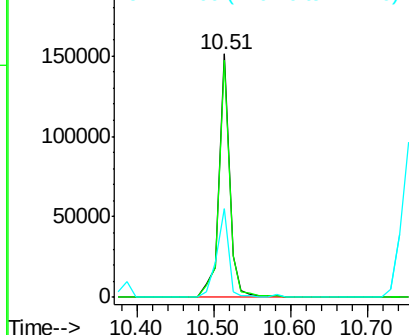
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	40.7	0.0	0.0#

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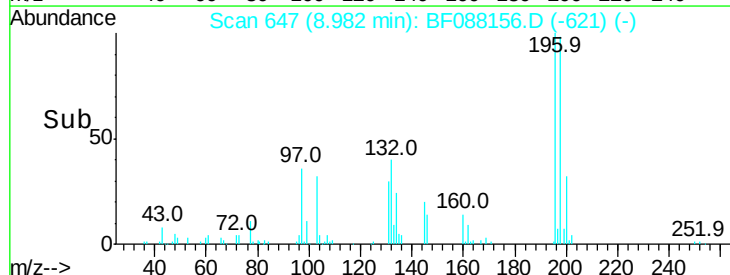
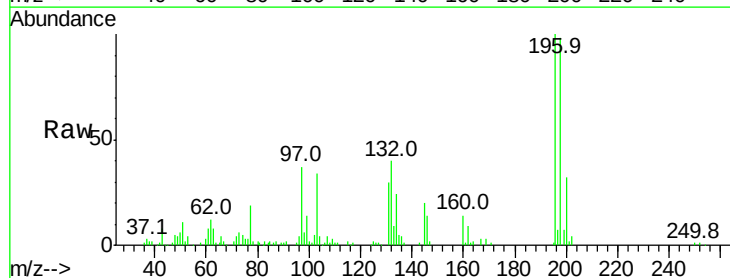
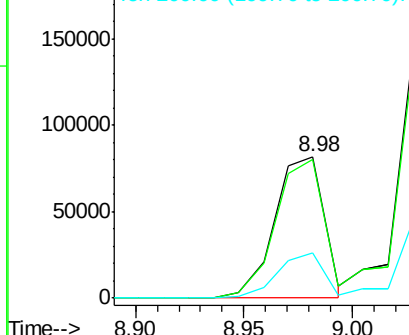
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

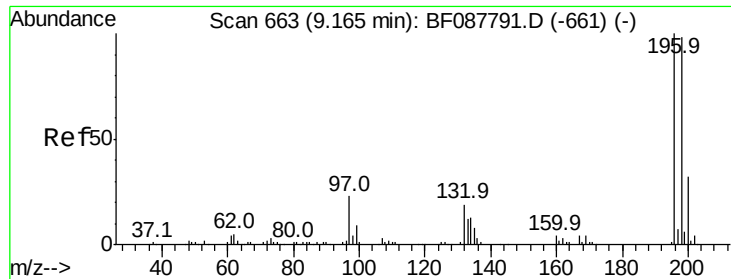


#42
 2,4,6-Trichlorophenol
 Concen: 46.44 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	98.3	78.0	117.0
200	32.2	25.4	38.2

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





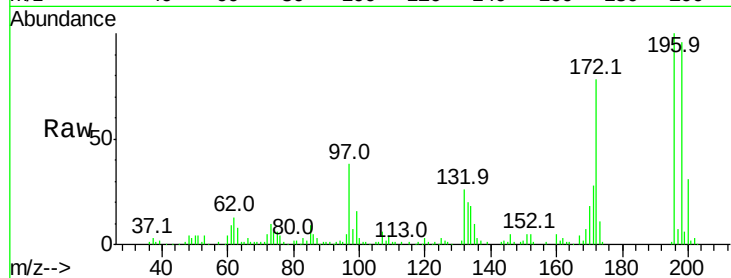
#43
 2,4,5-Trichlorophenol
 Concen: 45.47 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

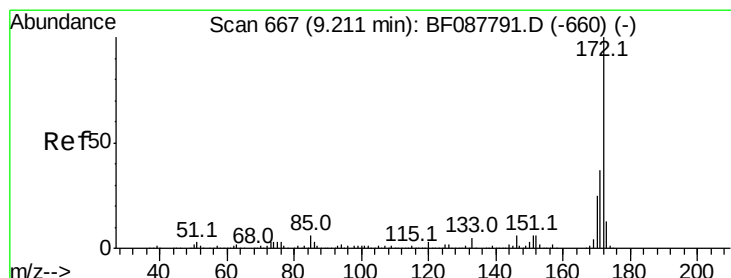
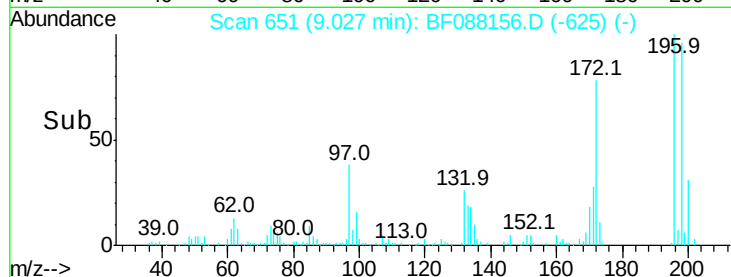
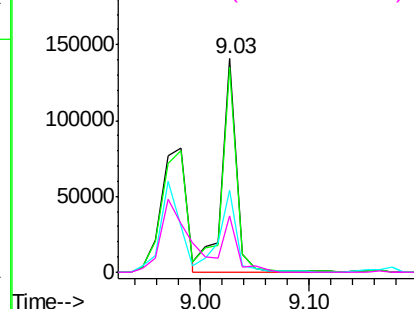
Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.0	77.5	116.3	
97	38.3	32.0	48.0	
132	26.3	20.9	31.3	

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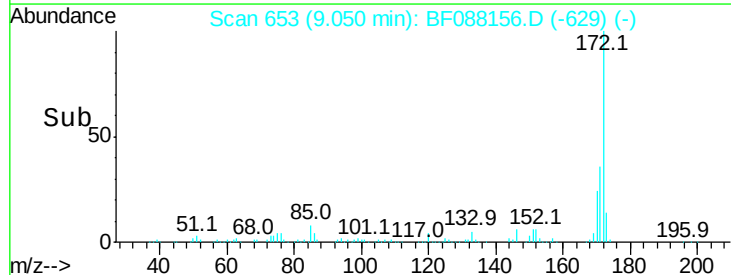
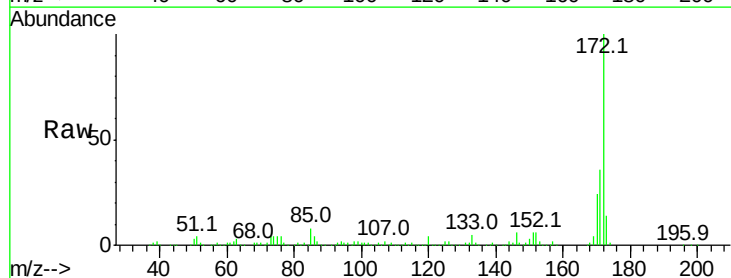
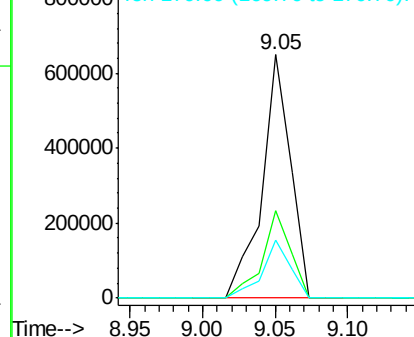
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

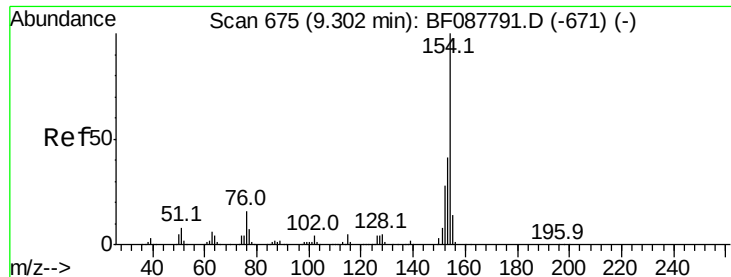


#44
 2-Fluorobiphenyl
 Concen: 100.16 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	28.6	43.0	
170	23.9	19.2	28.8	

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: 57.65 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

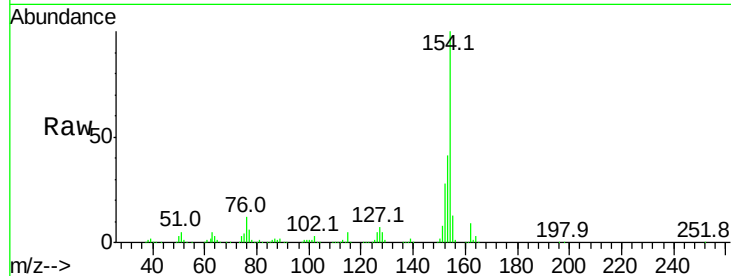
ClientSampleId :

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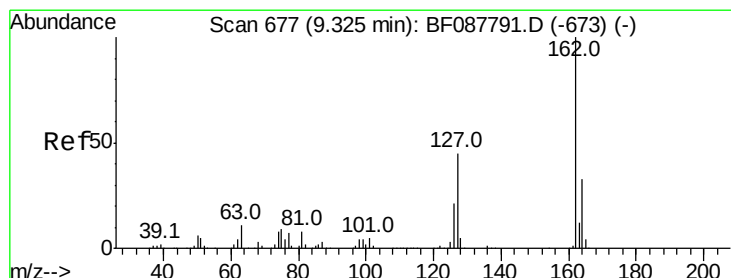
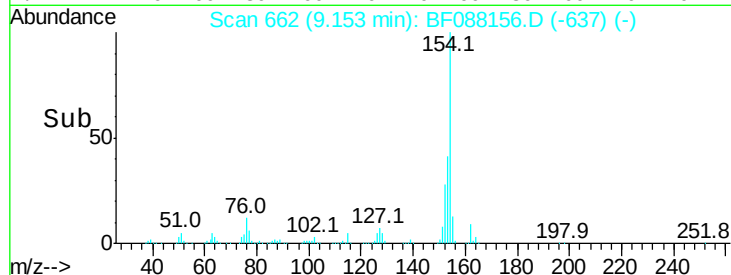
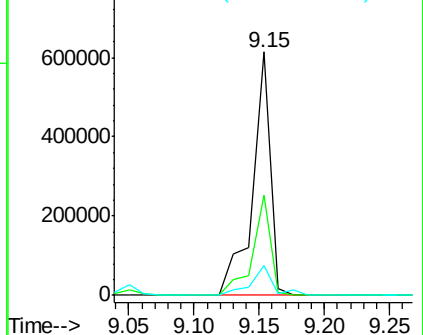
Tot Ion:	154	Resp:	587892
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.6	60.6
76	12.3	0.0	35.1

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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: 48.31 ng

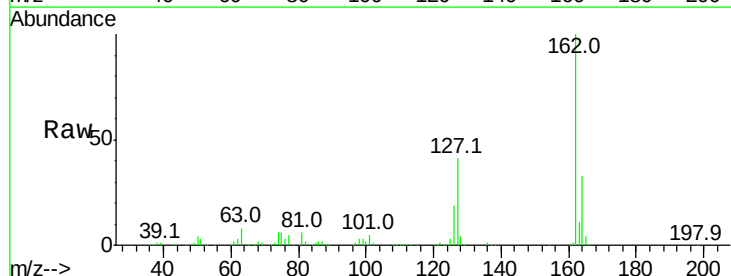
RT: 9.18 min Scan# 664

Delta R.T. -0.01 min

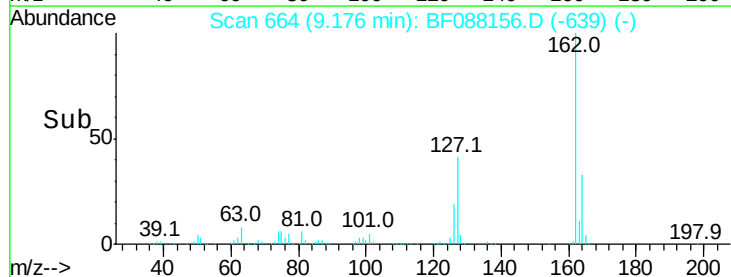
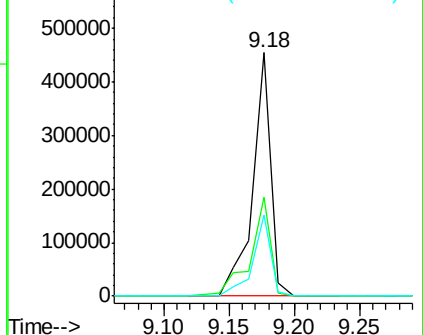
Lab File: BF088156.D

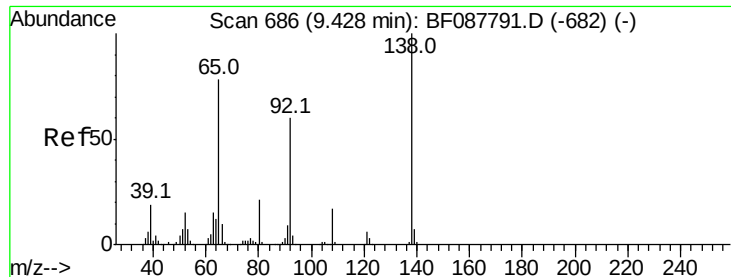
Acq: 19 Jun 2016 2:20

Tgt Ion:	162	Resp:	437948
Ion Ratio	Lower	Upper	
162	100		
127	40.8	35.2	52.8
164	33.2	26.6	39.8



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: 46.89 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

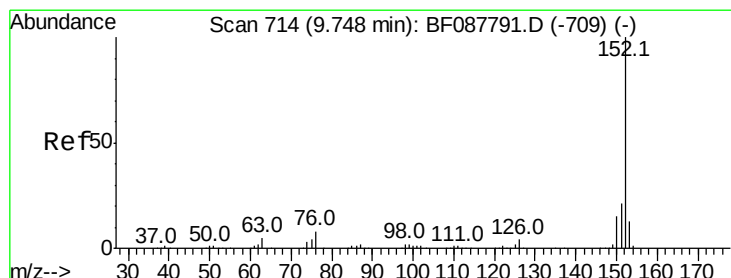
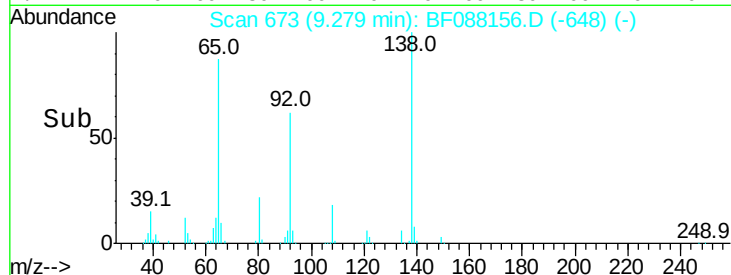
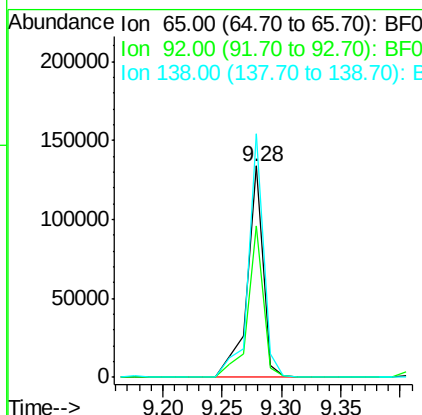
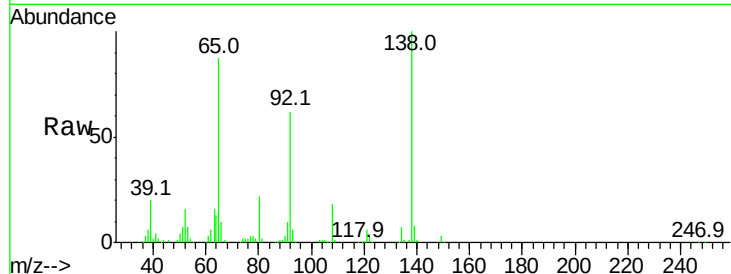
ClientSampleId :

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Tot Ion:	65	Resp:	125404
Ion Ratio	Lower	Upper	
65	100		
92	71.6	54.6	82.0
138	115.2	77.0	115.4

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#48

Acenaphthylene

Concen: 45.57 ng

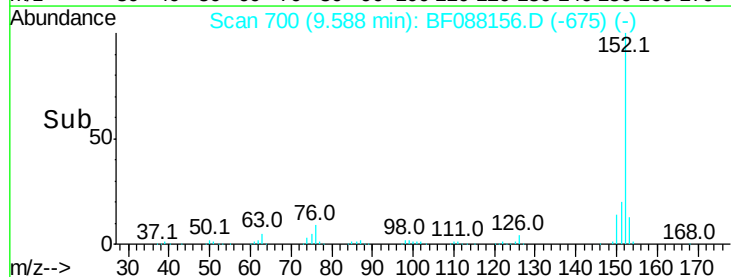
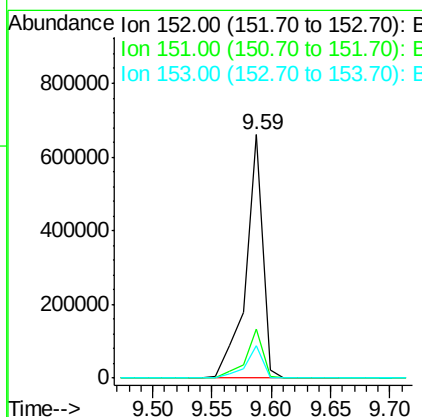
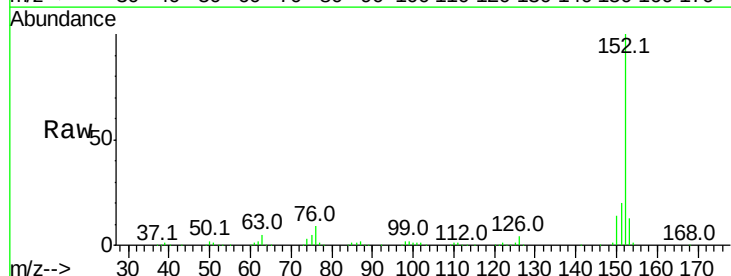
RT: 9.59 min Scan# 700

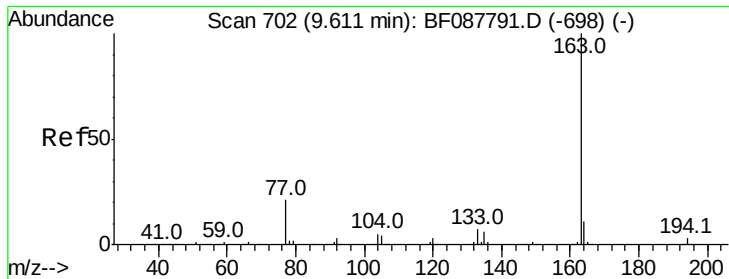
Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:	152	Resp:	657112
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	13.2	11.0	16.6





#49

Dimethylphthalate

Concen: 54.51 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

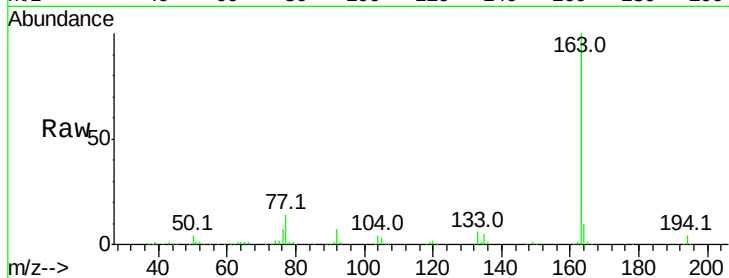
ClientSampleId :

PL-UP1-COMPMSD

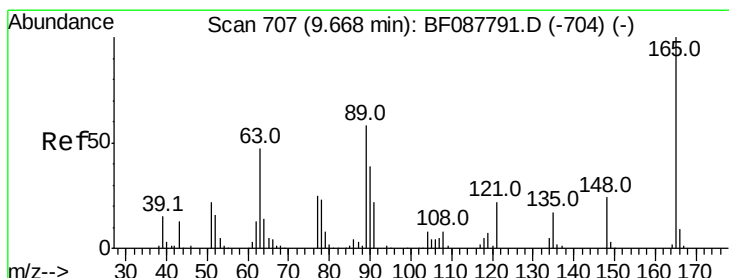
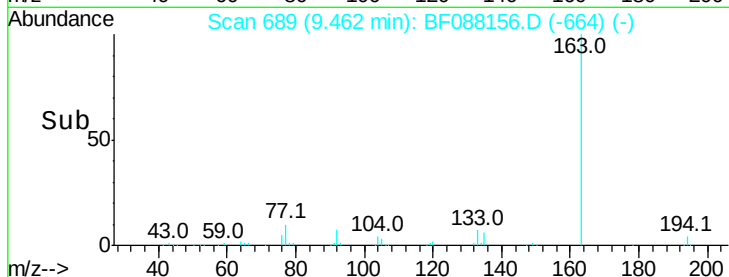
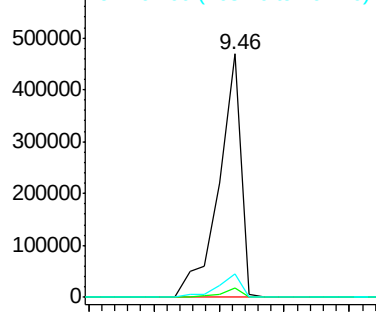
Tot Ion:	163	Resp:	553170
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.8	4.2
164	9.8	8.3	12.5

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



#50

2,6-Dinitrotoluene

Concen: 43.10 ng

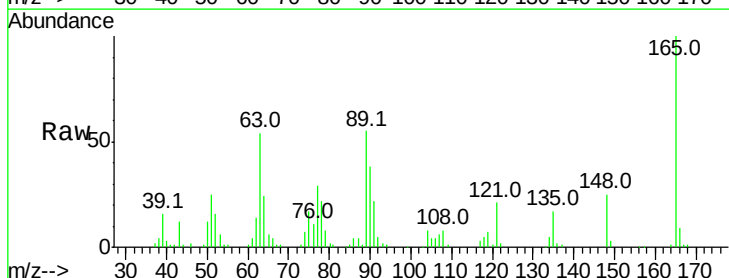
RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

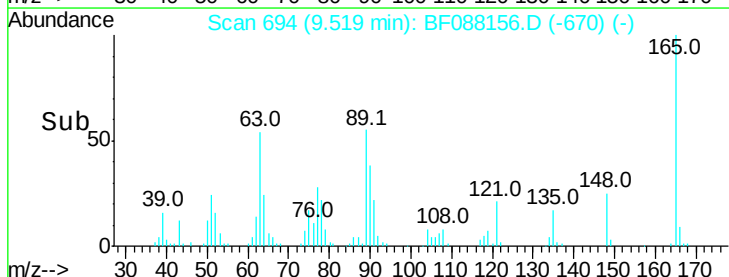
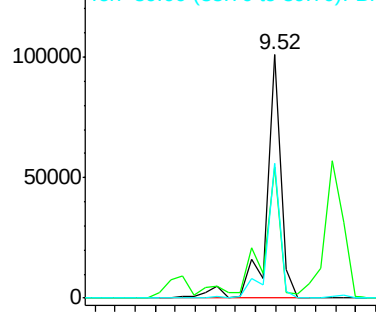
Lab File: BF088156.D

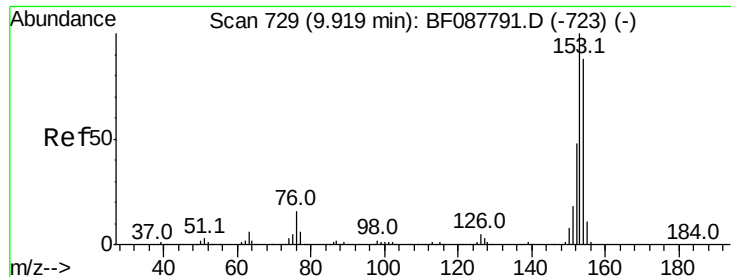
Acq: 19 Jun 2016 2:20

Tgt Ion:	165	Resp:	100174
Ion Ratio	Lower	Upper	
165	100		
63	53.7	28.1	42.1#
89	55.4	32.2	48.2#



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





#51

Acenaphthene

Concen: 44.13 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

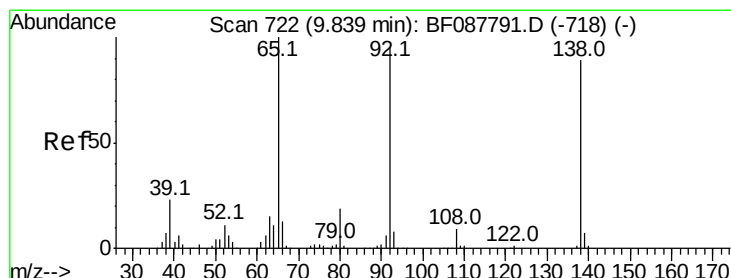
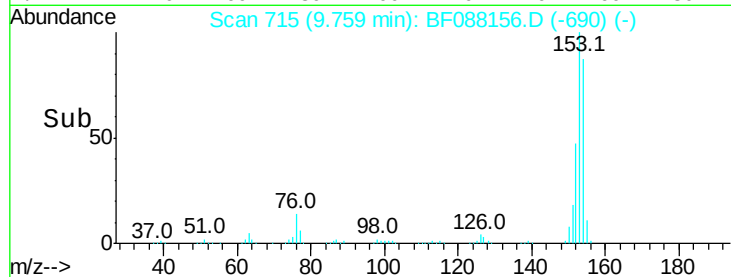
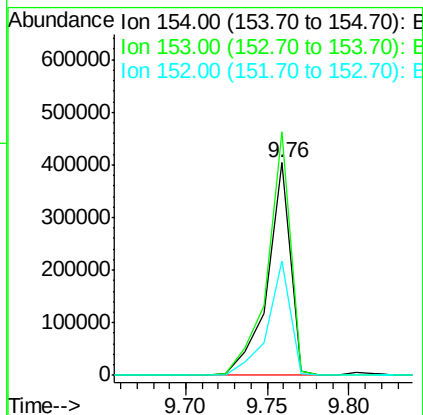
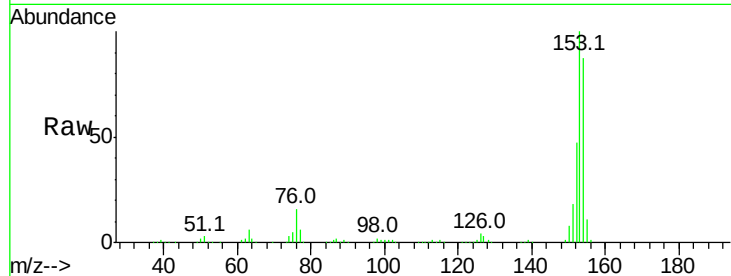
ClientSampleId :

PL-UP1-COMPMSD

Tot Ion:	154	Resp:	397028
Ion Ratio	Lower	Upper	
154	100		
153	114.6	89.5	134.3
152	54.0	42.7	64.1

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#52

3-Nitroaniline

Concen: 22.58 ng

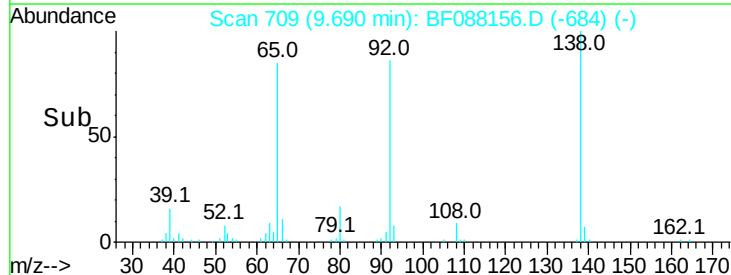
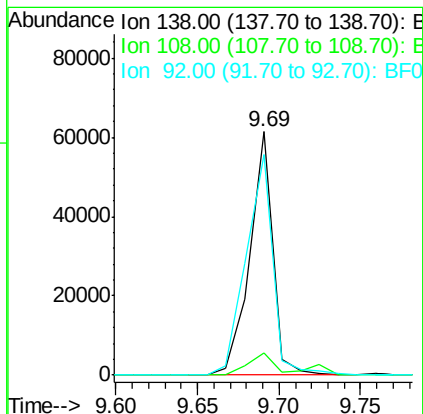
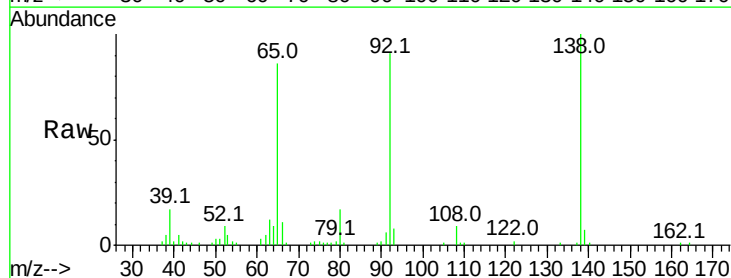
RT: 9.69 min Scan# 709

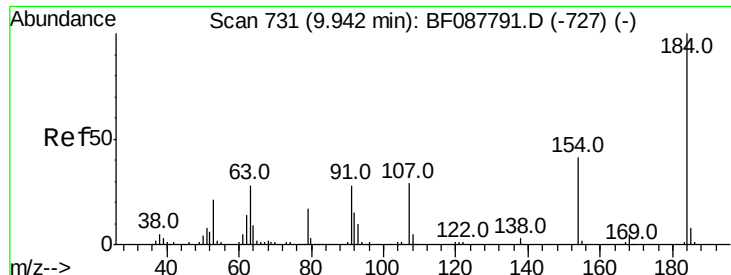
Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:	138	Resp:	60547
Ion Ratio	Lower	Upper	
138	100		
108	9.1	8.5	12.7
92	90.8	95.7	143.5#





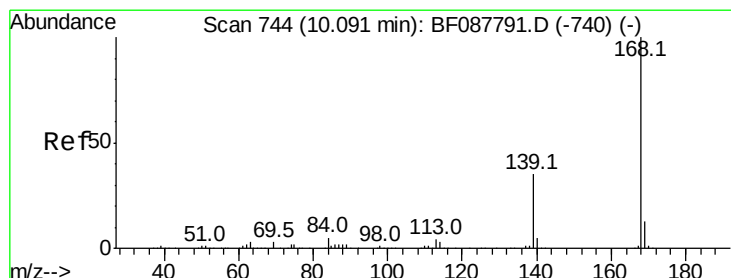
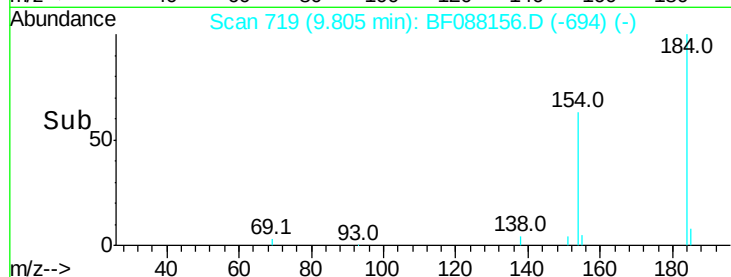
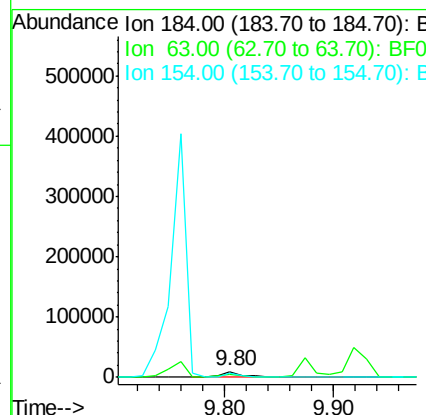
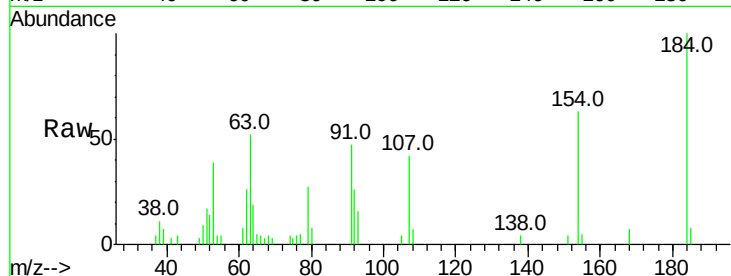
#53
 2,4-Dinitrophenol
 Concen: 17.22 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	15472		
63	51.8	57.6	86.4	#
154	63.4	53.5	80.3	

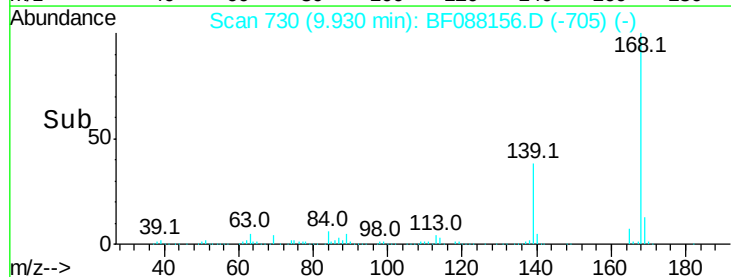
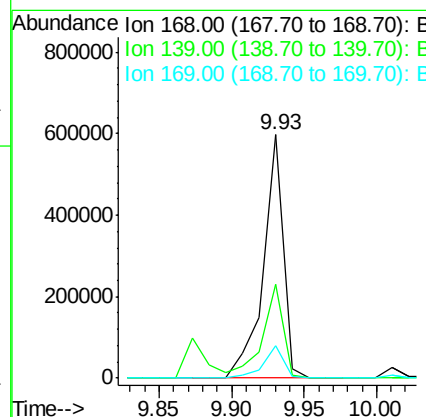
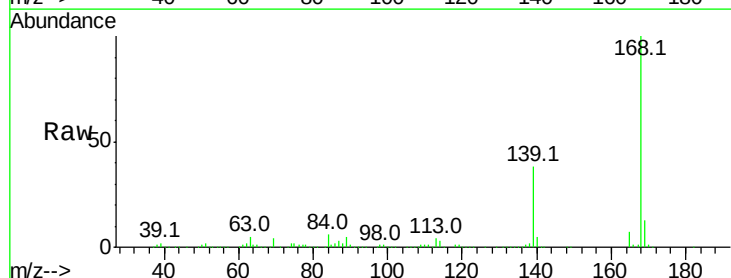
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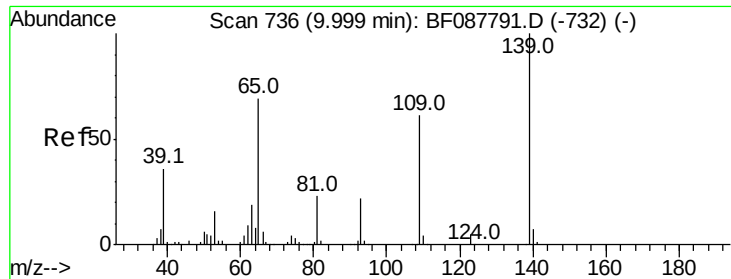
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#54
 Dibenzofuran
 Concen: 46.18 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	572108		
139	38.3	26.4	39.6	
169	13.2	10.4	15.6	





#55

4-Nitrophenol

Concen: 48.45 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

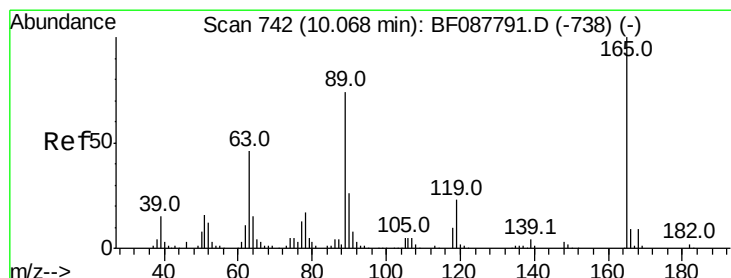
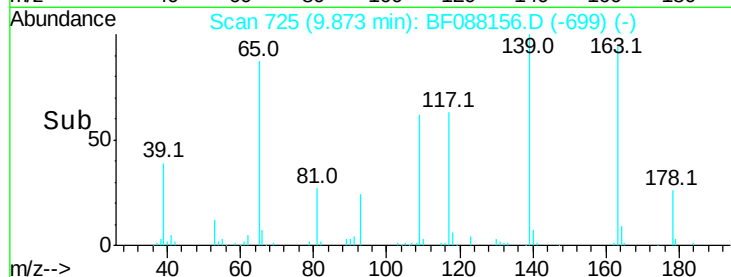
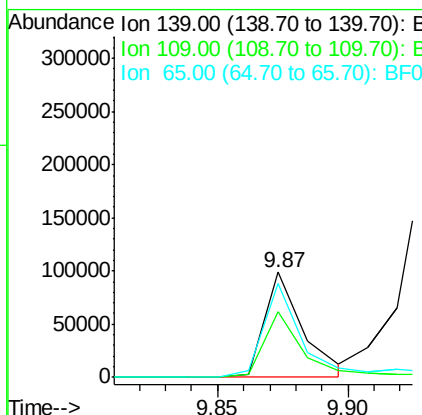
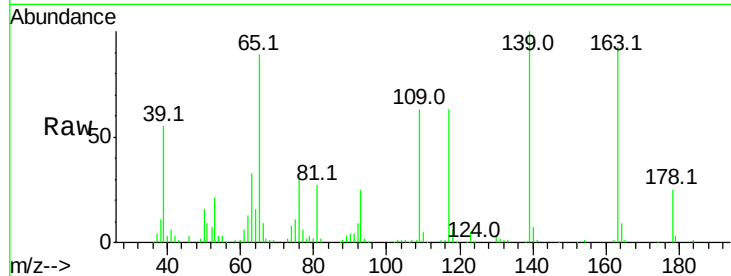
ClientSampleId :

PL-UP1-COMPMSD

Tot Ion:	139	Resp:	100856
Ion Ratio	Lower	Upper	
139	100		
109	62.7	48.9	88.9
65	89.1	84.9	124.9

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#56

2,4-Dinitrotoluene

Concen: 32.66 ng

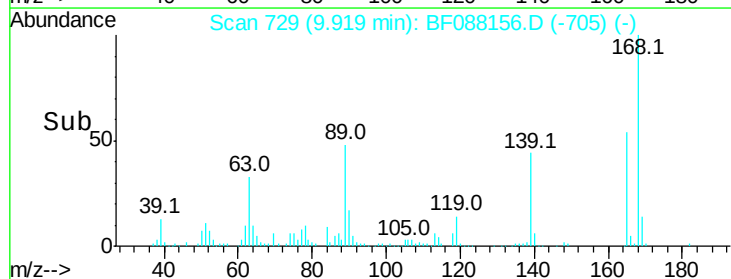
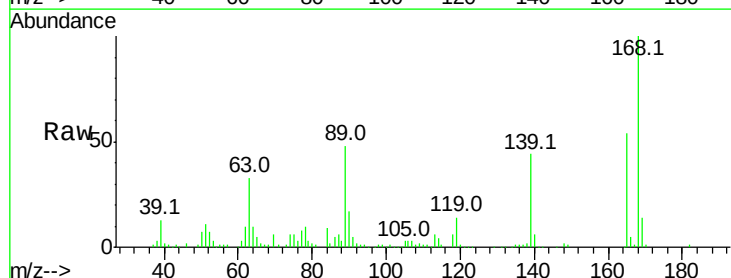
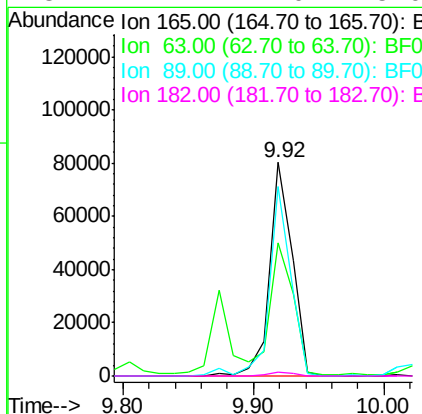
RT: 9.92 min Scan# 729

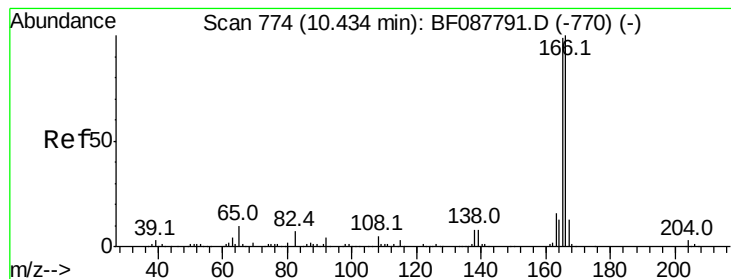
Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:	165	Resp:	97545
Ion Ratio	Lower	Upper	
165	100		
63	62.1	22.0	33.0#
89	88.8	41.1	61.7#
182	2.1	2.0	3.0





#57

Fluorene

Concen: 54.80 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

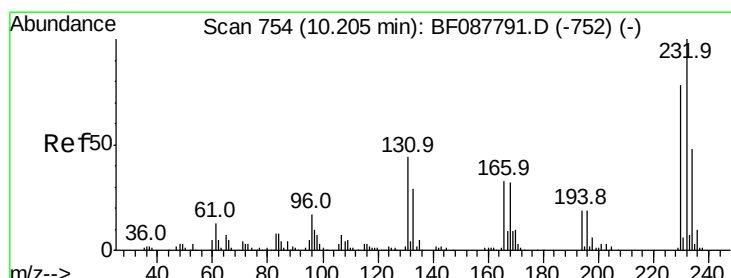
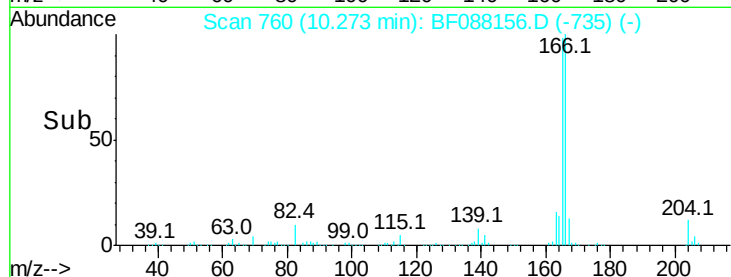
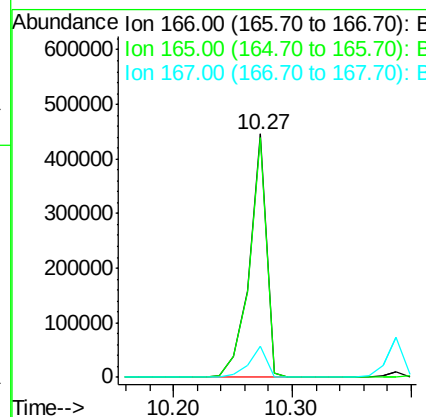
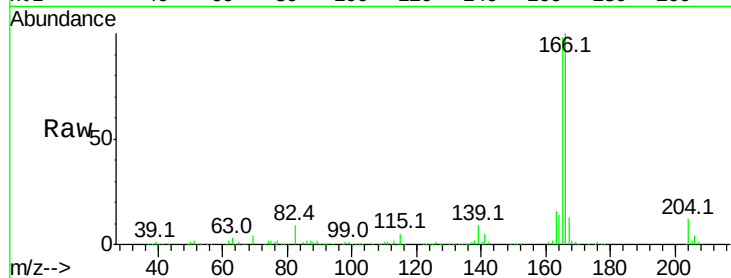
ClientSampleId :

PL-UP1-COMPMSD

Tot Ion:	166	Resp:	449992
Ion Ratio	Lower	Upper	
166	100		
165	98.2	77.8	116.8
167	13.0	11.2	16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.14 ng

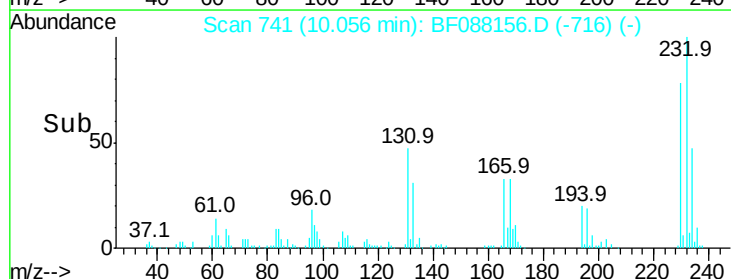
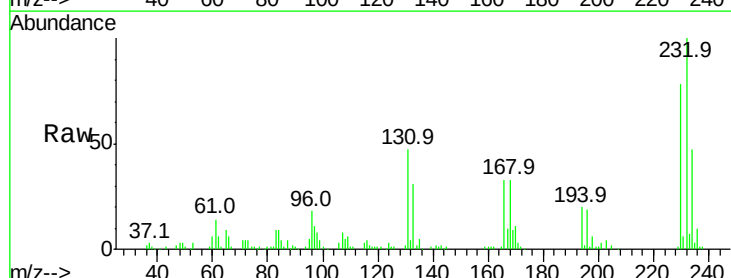
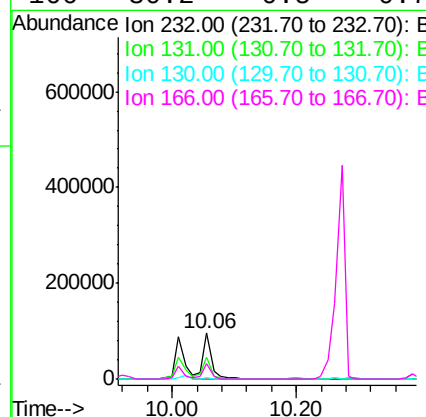
RT: 10.06 min Scan# 741

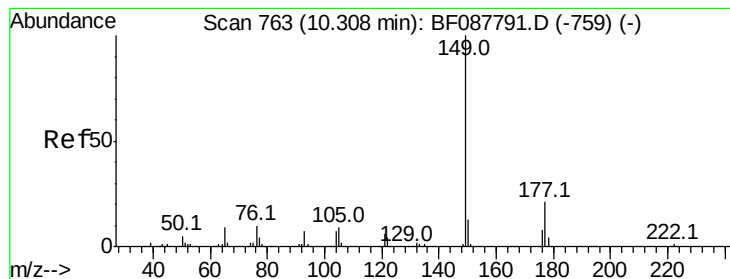
Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:	232	Resp:	98817
Ion Ratio	Lower	Upper	
232	100		
131	47.3	0.9	1.3#
130	0.0	1.5	2.3#
166	30.2	0.5	0.7#





#59

Diethylphthalate

Concen: 50.36 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

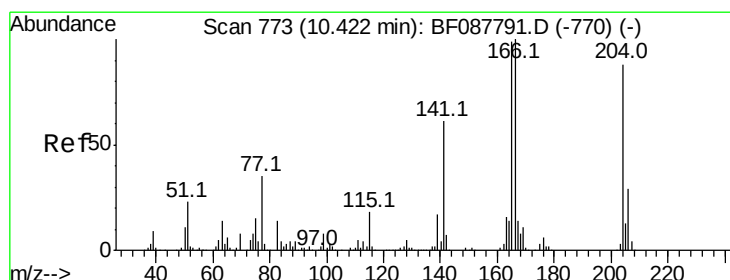
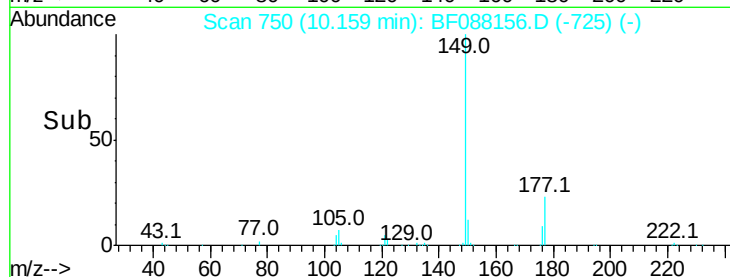
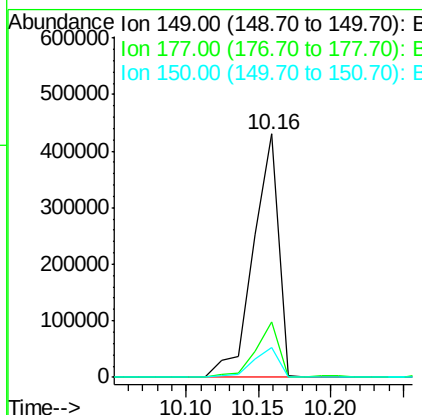
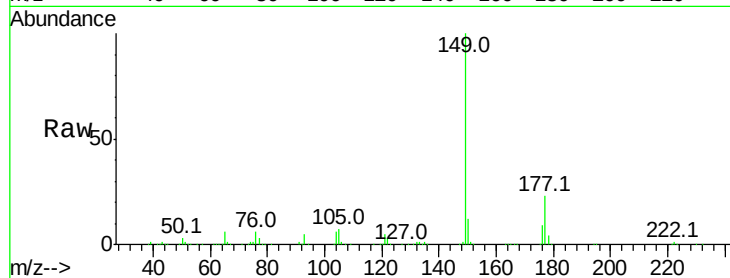
ClientSampleId :

PL-UP1-COMPMSD

Tot Ion:	149	Resp:	517387
Ion Ratio	Lower	Upper	
149	100		
177	22.9	16.9	25.3
150	12.2	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 42.26 ng

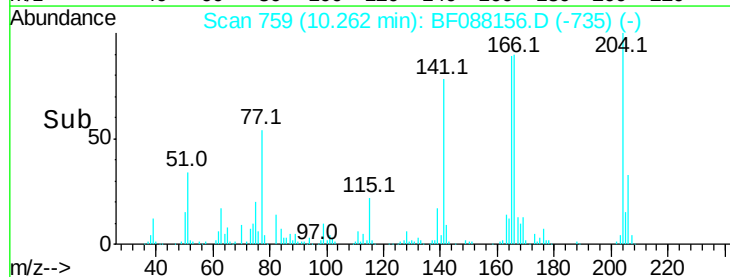
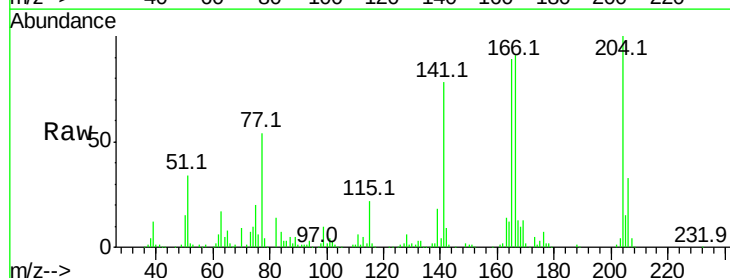
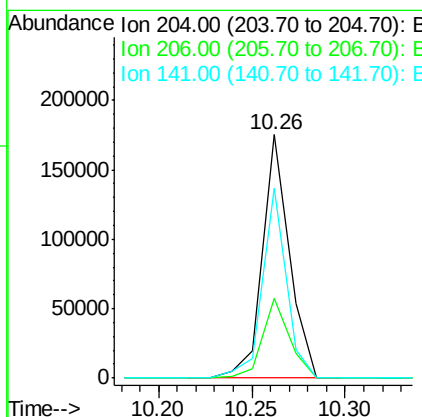
RT: 10.26 min Scan# 759

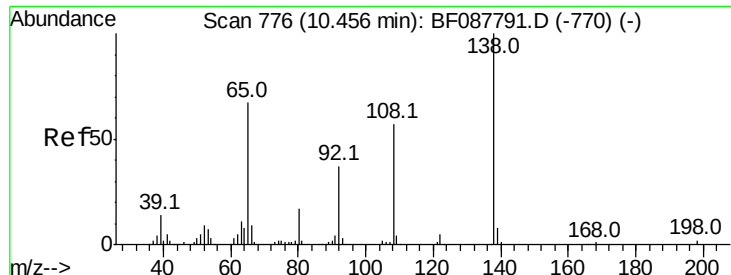
Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:	204	Resp:	174101
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.3	39.5
141	78.0	55.0	82.6





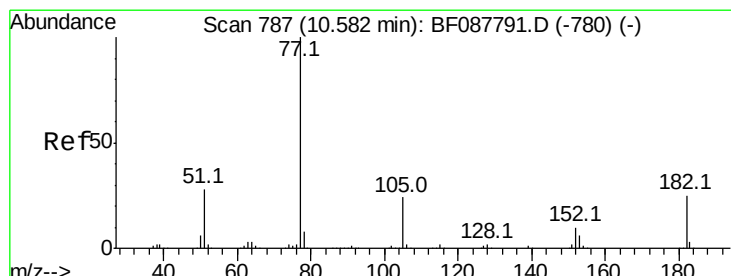
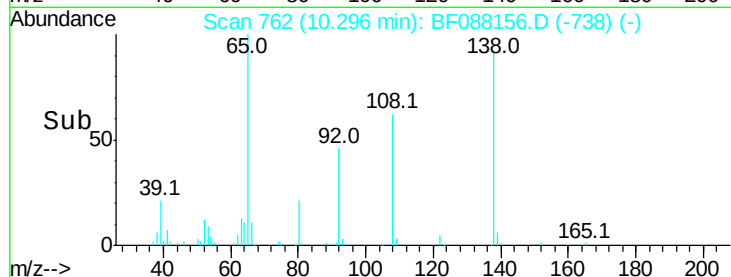
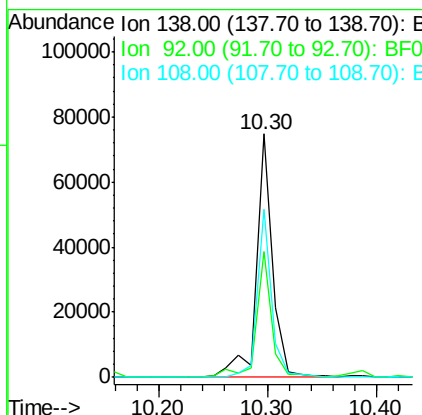
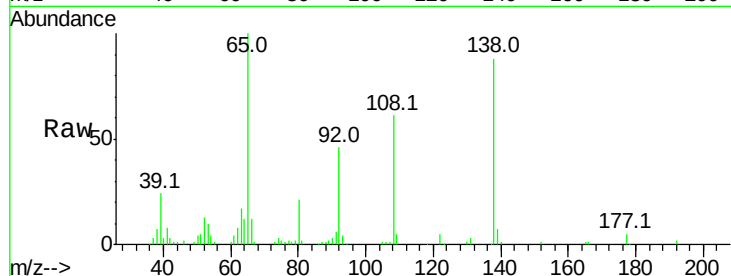
#61
4-Nitroaniline
Concen: 30.74 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.7	27.3	67.3
108	69.1	46.7	86.7

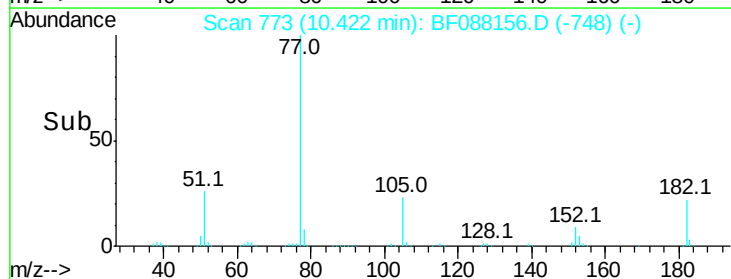
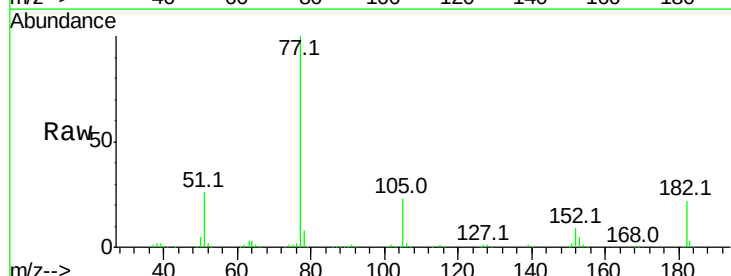
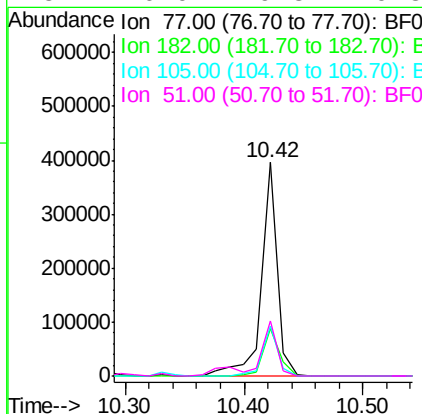
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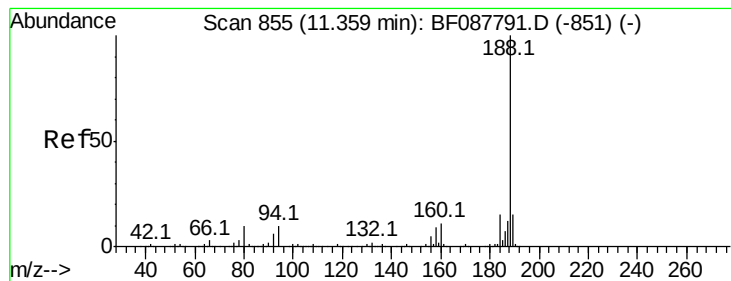
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#62
Azobenzene
Concen: 36.16 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.3	4.4	44.4
105	23.3	3.8	43.8
51	26.0	9.3	49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

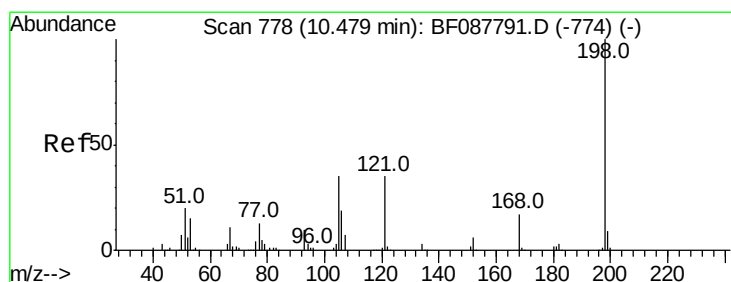
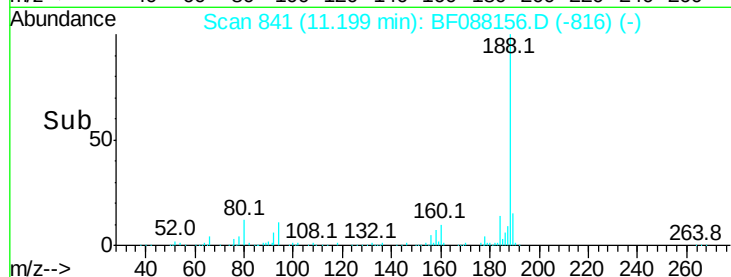
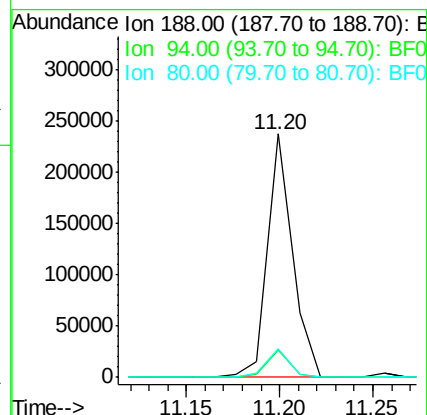
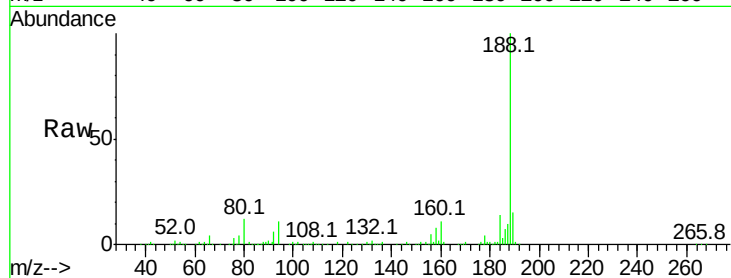
ClientSampleId :

PL-UP1-COMPMSD

Tot Ion:	188	Resp:	219689
Ion Ratio	Lower	Upper	
188	100		
94	11.1	9.0	13.6
80	12.0	10.0	15.0

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#64

4,6-Dinitro-2-methylphenol

Concen: 12.16 ng

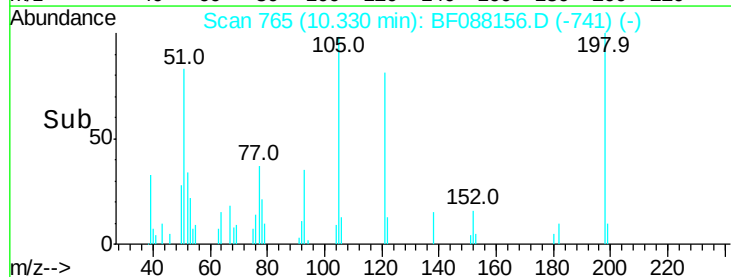
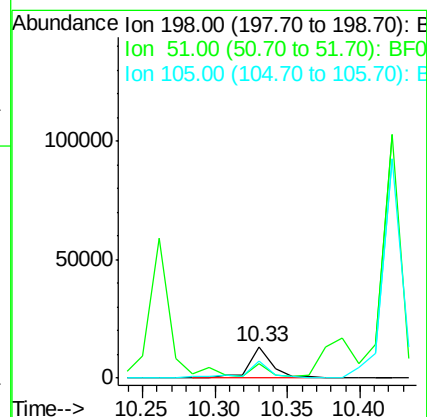
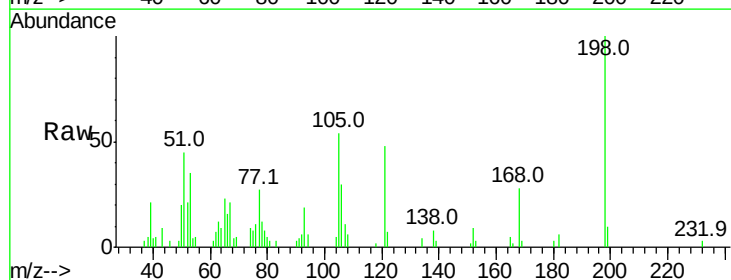
RT: 10.33 min Scan# 765

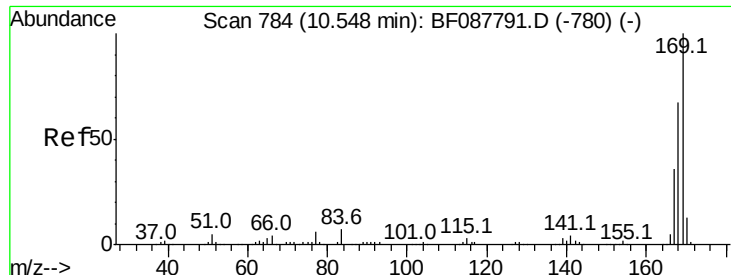
Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:	198	Resp:	14353
Ion Ratio	Lower	Upper	
198	100		
51	45.5	39.6	79.6
105	54.2	36.6	76.6





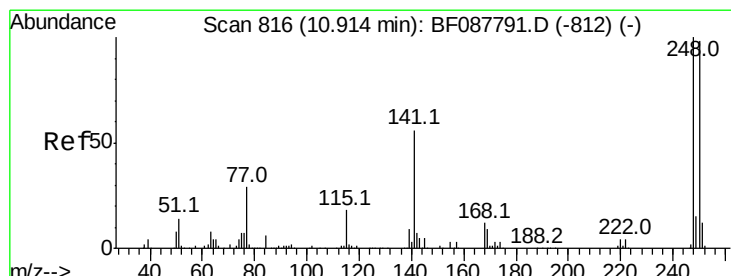
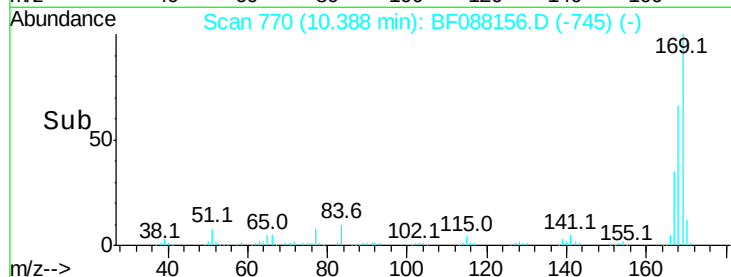
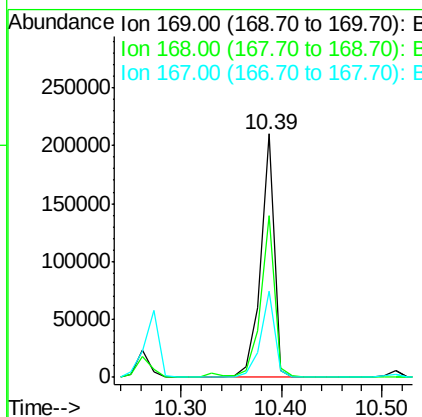
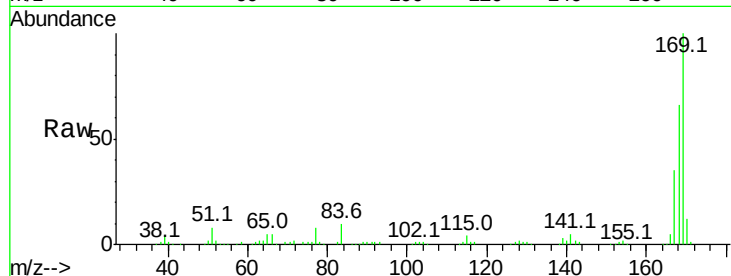
#65
 n-Nitrosodiphenylamine
 Concen: 27.03 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	197064		
168	66.5	53.4	80.0	
167	35.4	29.4	44.0	

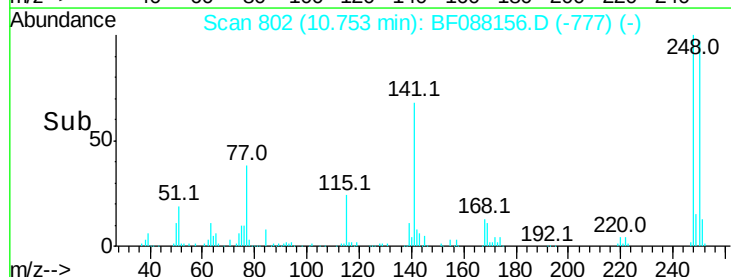
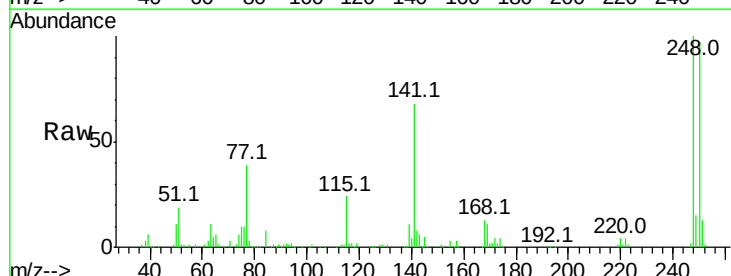
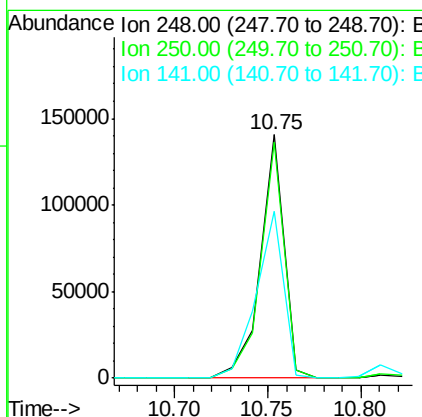
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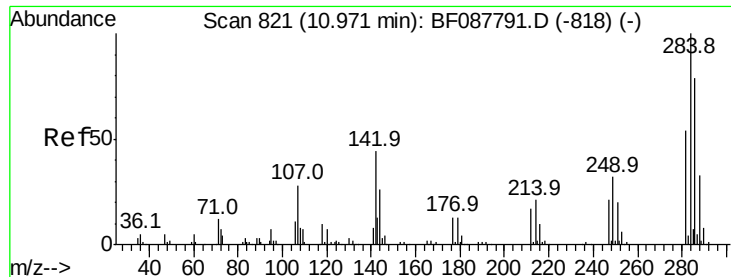
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#66
 4-Bromophenyl-phenylether
 Concen: 51.98 ng
 RT: 10.75 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	122503		
250	97.1	77.1	115.7	
141	68.4	50.6	76.0	





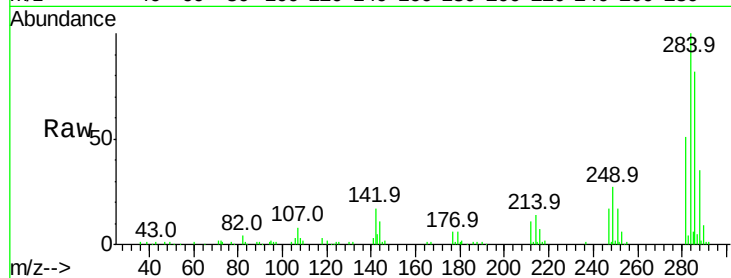
#67
Hexachlorobenzene
Concen: 47.26 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

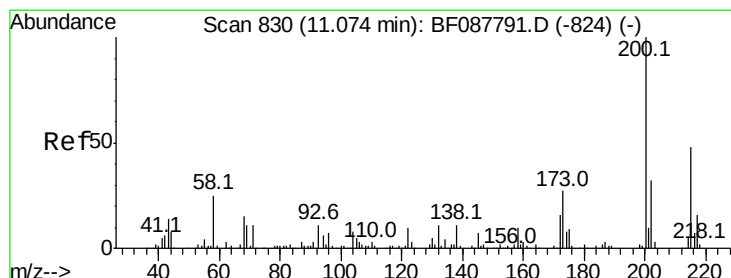
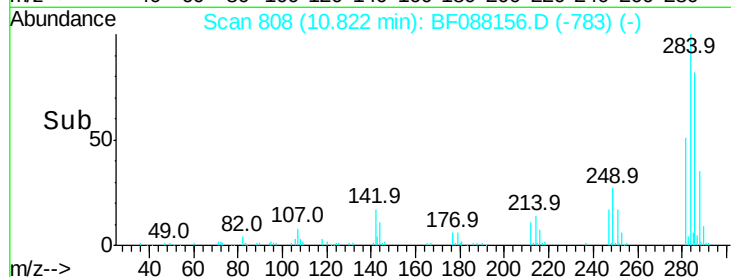
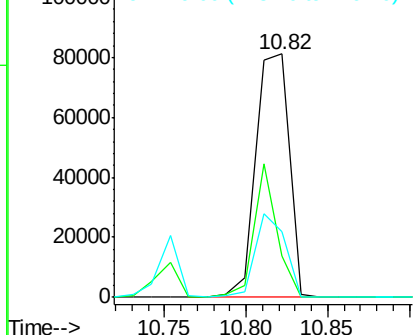
Tot Ion	Ratio	Resp	Lower	Upper
284	100	115733		
142	17.0	35.8	53.8#	
249	27.1	25.8	38.6	

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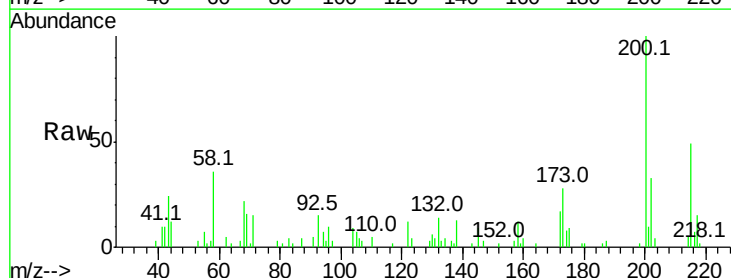


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

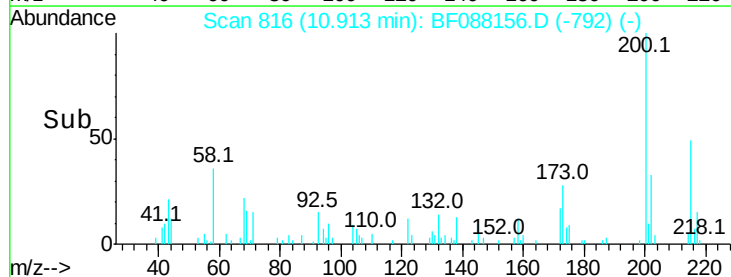
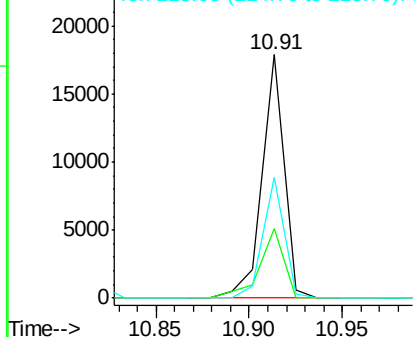


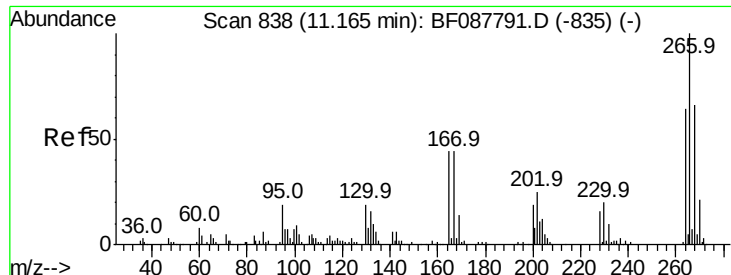
#68
Atrazine
Concen: 6.54 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	14432		
173	28.4	4.0	44.0	
215	49.4	29.3	69.3	



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





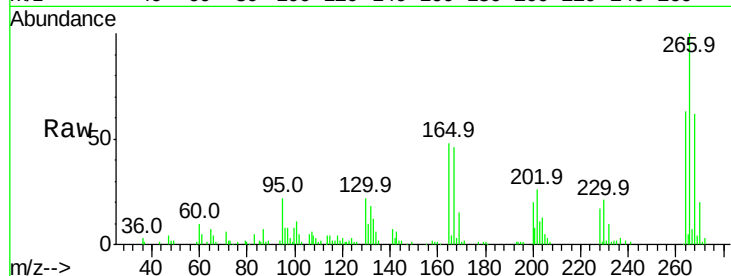
#69
 Pentachlorophenol
 Concen: 68.16 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

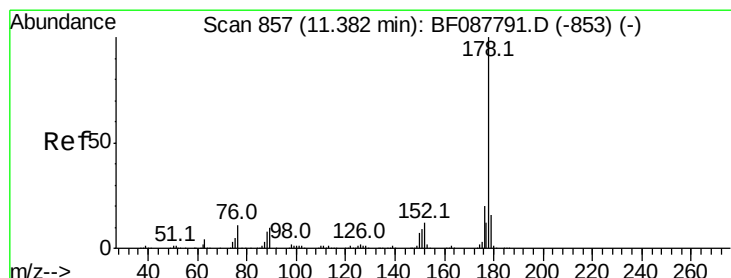
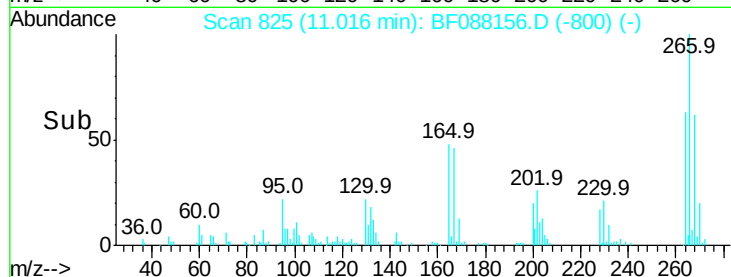
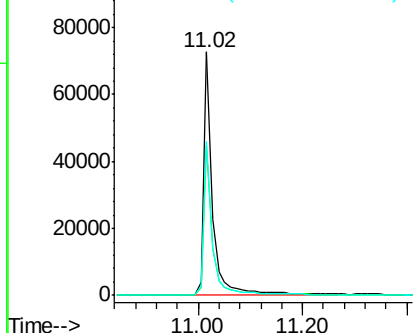
Tot Ion:	266	Resp:	87981
Ion Ratio	Lower	Upper	
266	100		
268	61.7	52.8	79.2
264	63.3	49.6	74.4

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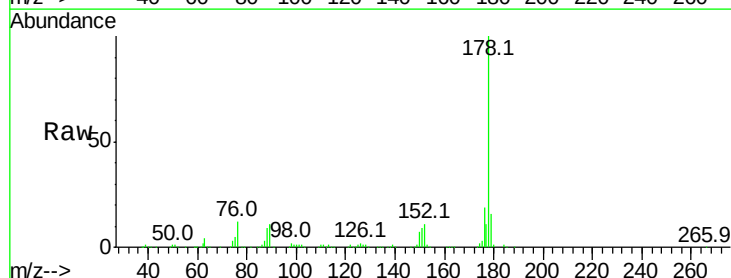


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

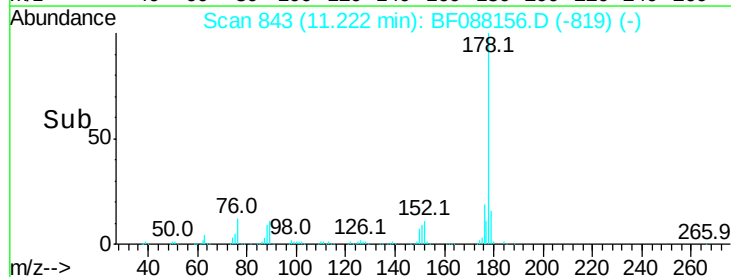
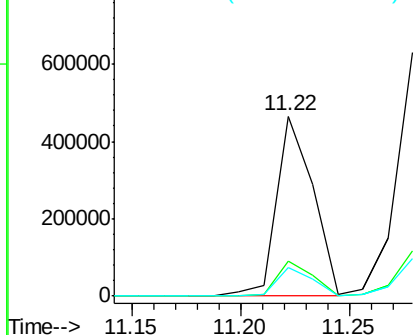


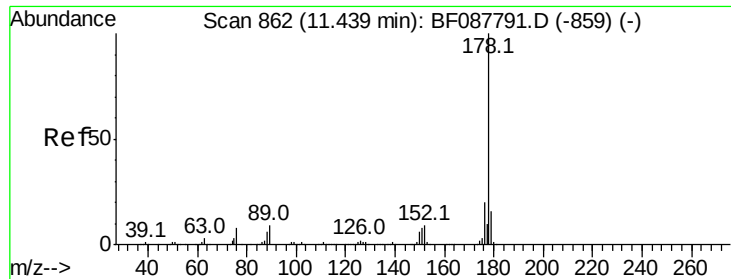
#70
 Phenanthrene
 Concen: 47.46 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion:	178	Resp:	547104
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.8	23.6
179	15.8	13.0	19.4



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: 49.00 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

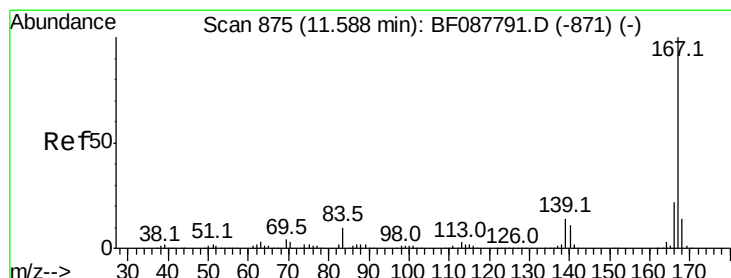
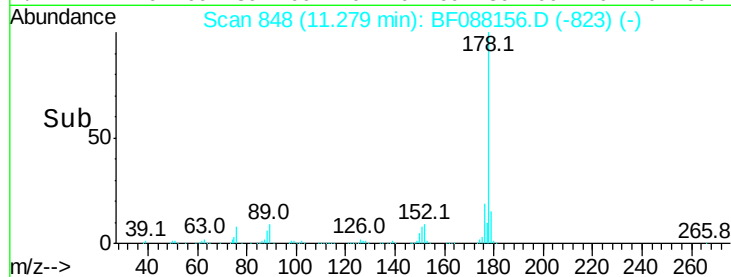
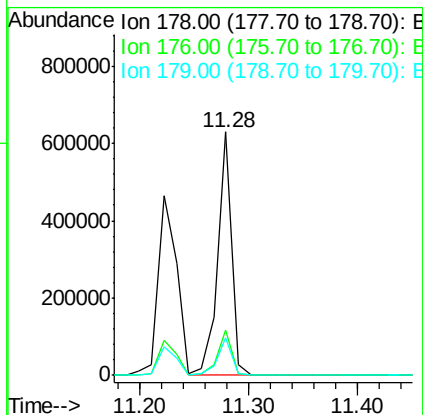
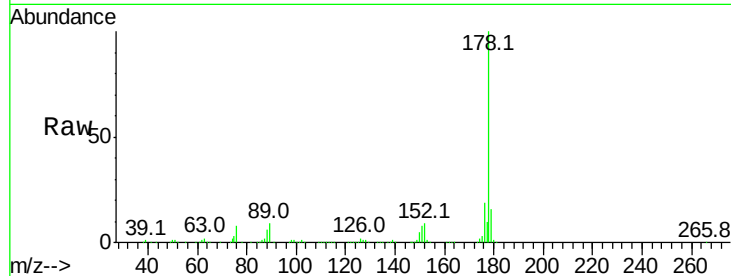
ClientSampleId :

PL-UP1-COMPMSD

Tot Ion:	178	Resp:	569847
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.6	23.4
179	15.5	12.8	19.2

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#72

Carbazole

Concen: 30.56 ng

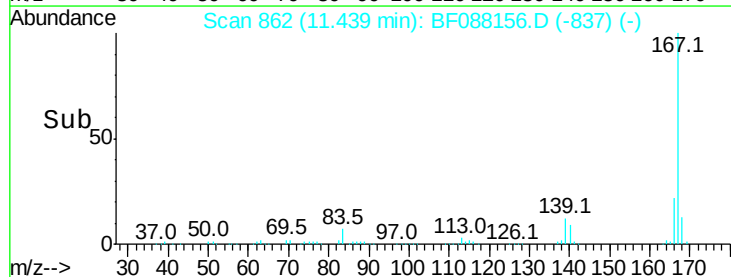
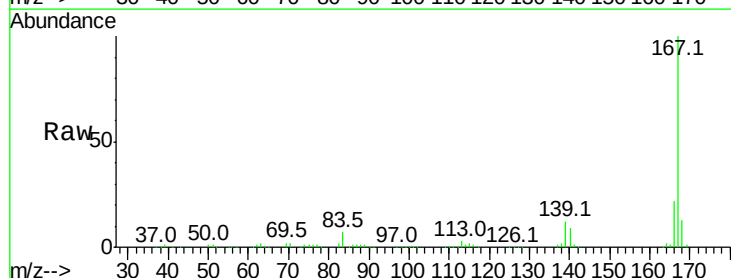
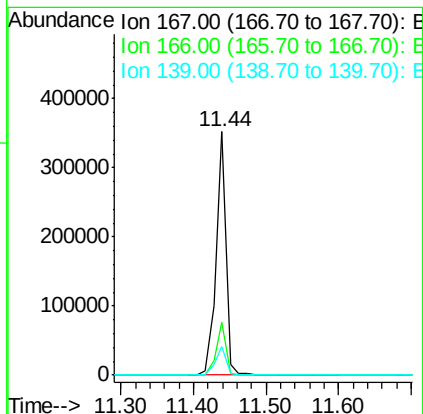
RT: 11.44 min Scan# 862

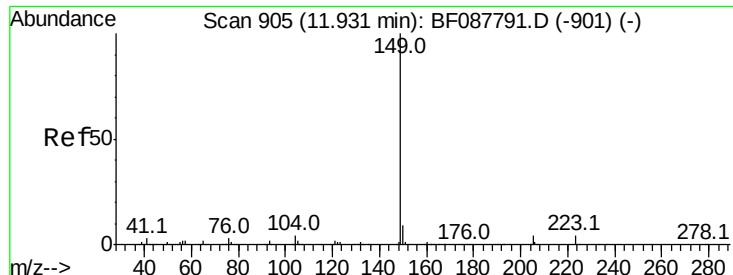
Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:	167	Resp:	332550
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.8	26.6
139	11.7	11.2	16.8





#73

Di-n-butylphthalate

Concen: 48.86 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

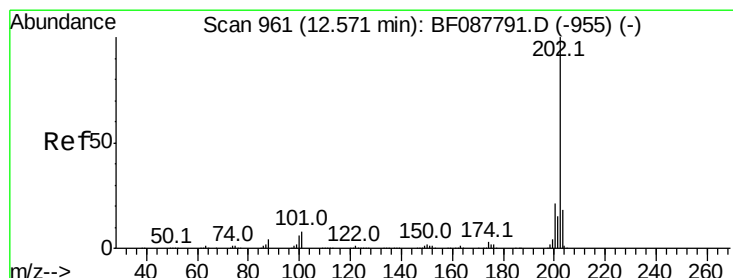
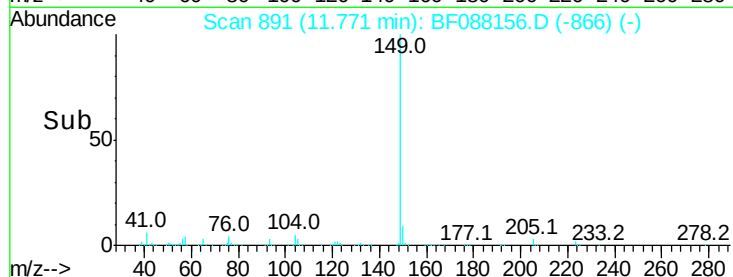
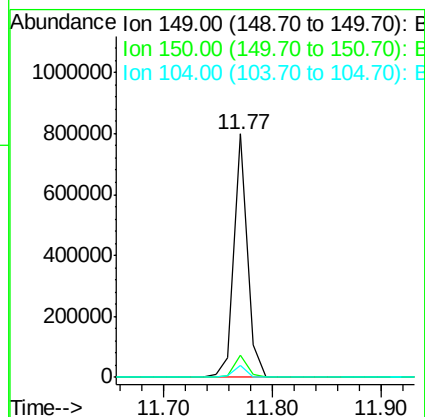
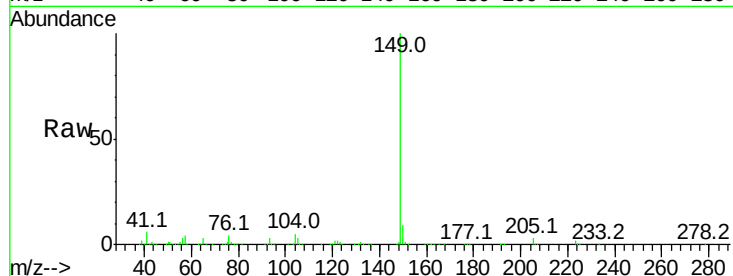
ClientSampleId :

PL-UP1-COMPMSD

Tot Ion:	149	Resp:	673097
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.7	4.0	6.0

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#74

Fluoranthene

Concen: 46.38 ng

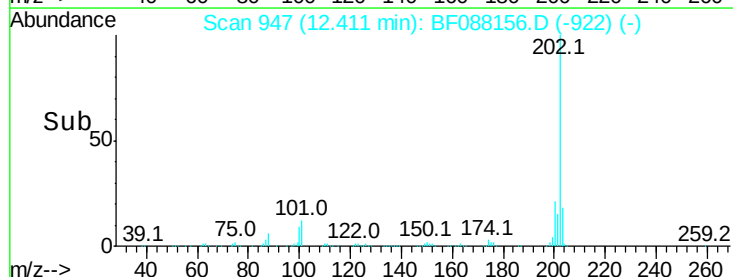
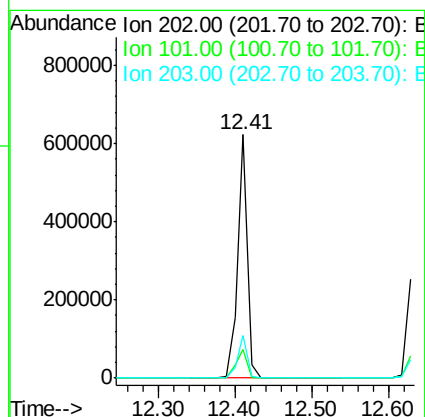
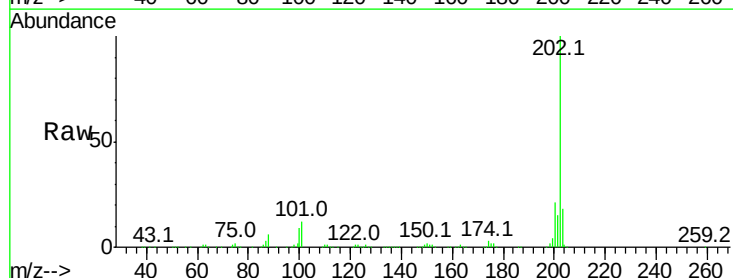
RT: 12.41 min Scan# 947

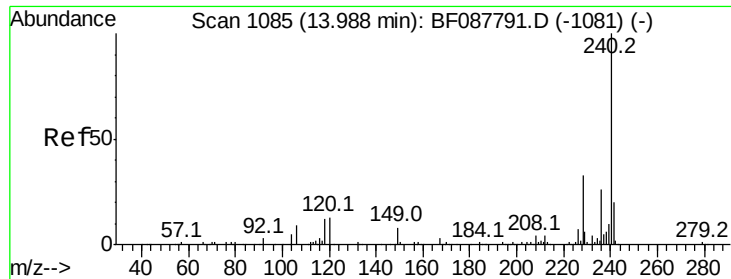
Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:	202	Resp:	564253
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	33.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

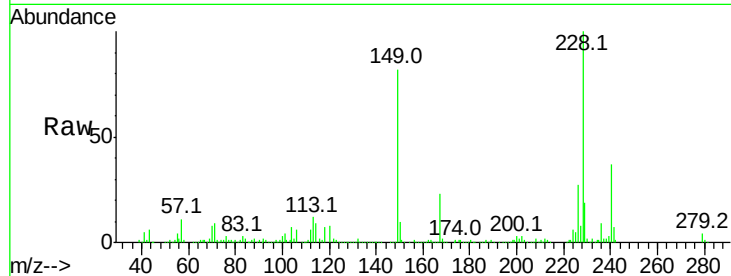
ClientSampleId :

PL-UP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	21.5	6.8	10.2	
236	25.4	20.2	30.2	

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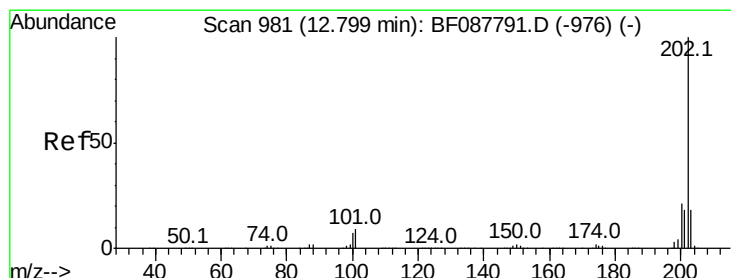
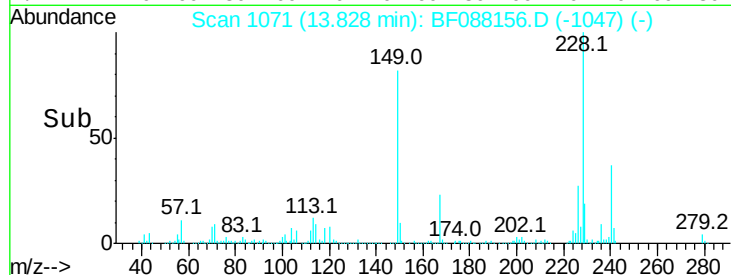
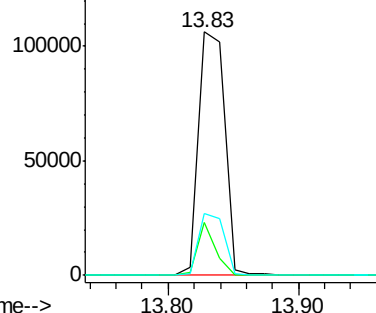
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 51.73 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088156.D

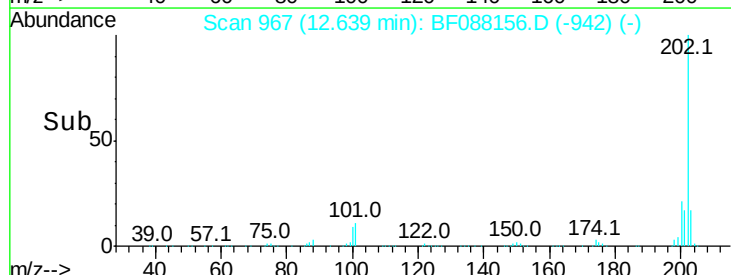
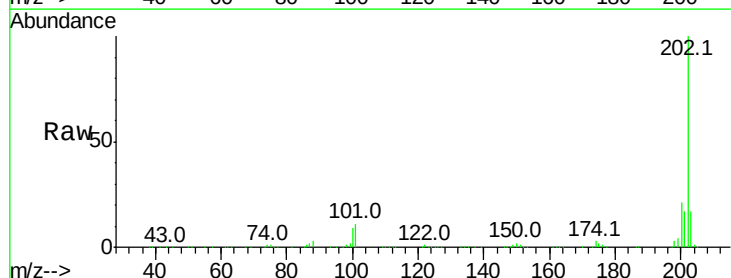
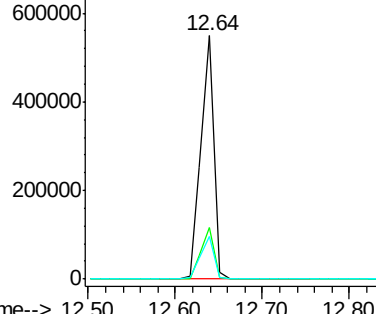
Acq: 19 Jun 2016 2:20

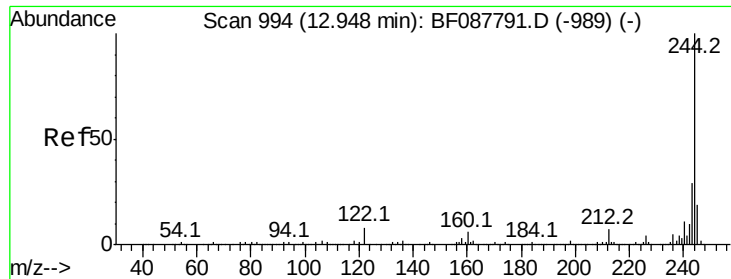
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.3	17.4	26.2	
203	17.4	14.5	21.7	

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 105.67 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

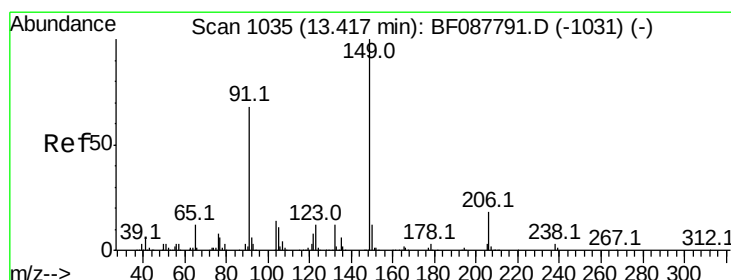
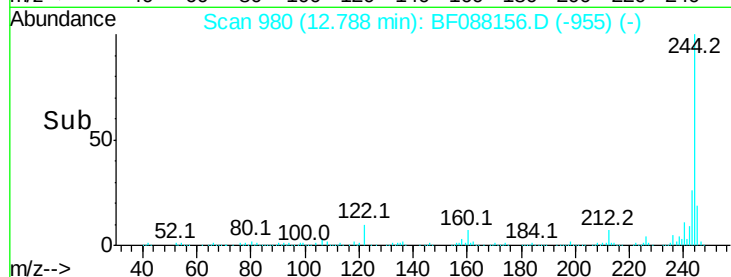
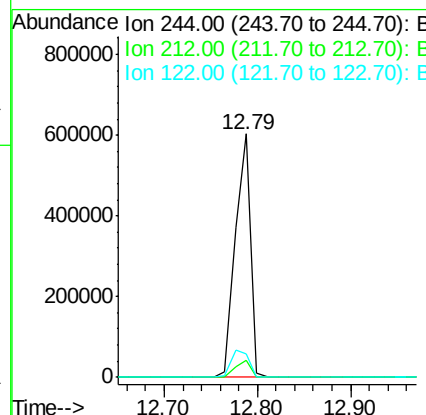
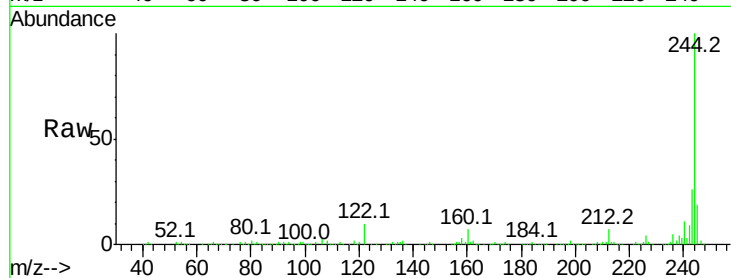
ClientSampleId :

PL-UP1-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	6.0	9.0
122	9.8	11.2	16.8

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 53.64 ng

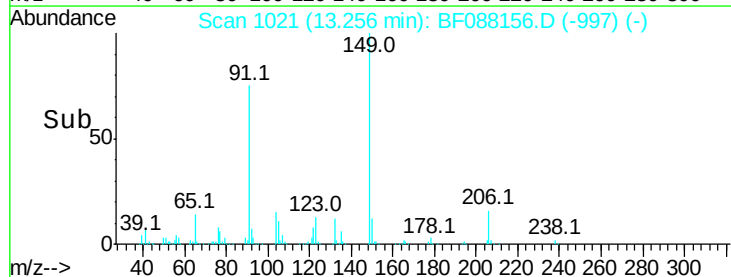
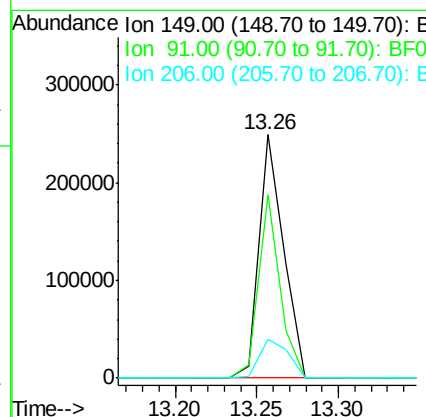
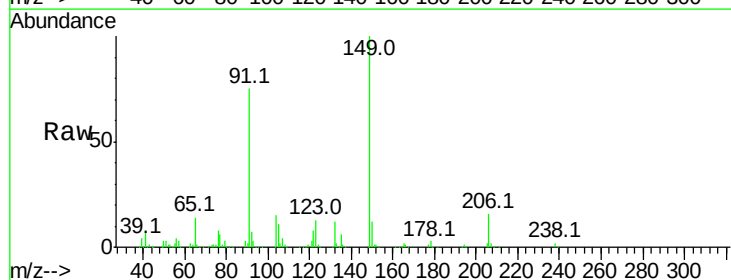
RT: 13.26 min Scan# 1021

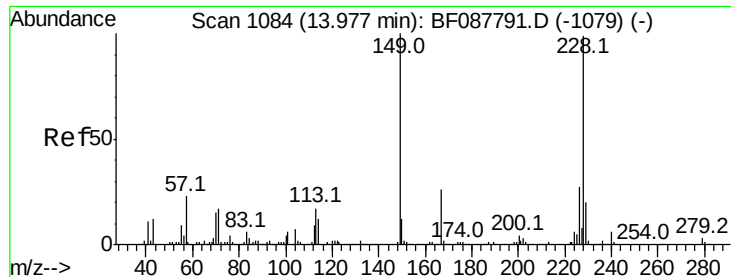
Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	75.4	48.0	72.0
206	15.9	16.0	24.0





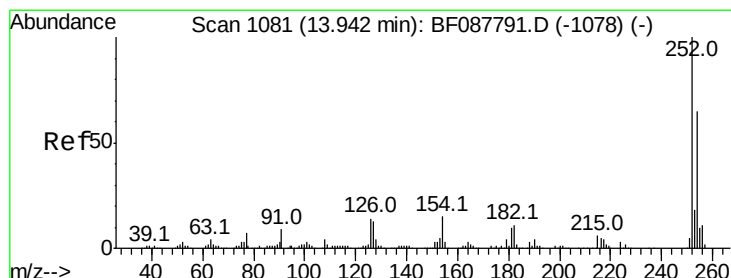
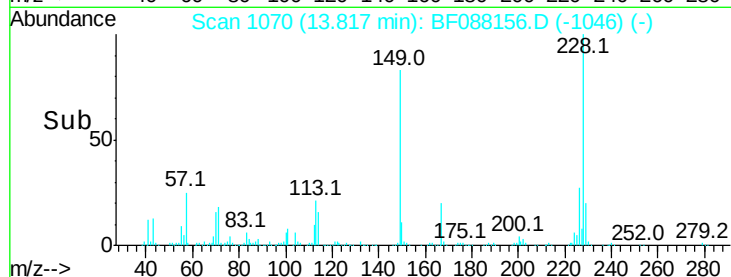
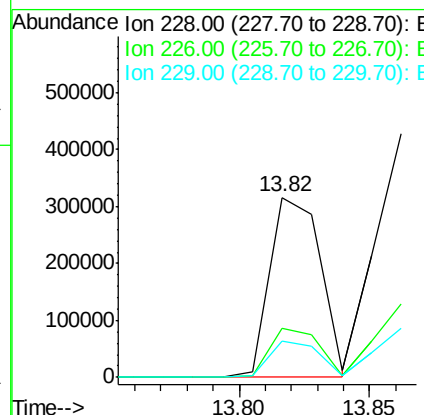
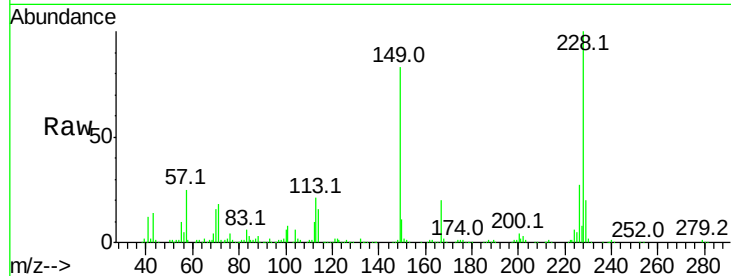
#80
Benzo(a)anthracene
Concen: 50.62 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	20.1	16.0	24.0

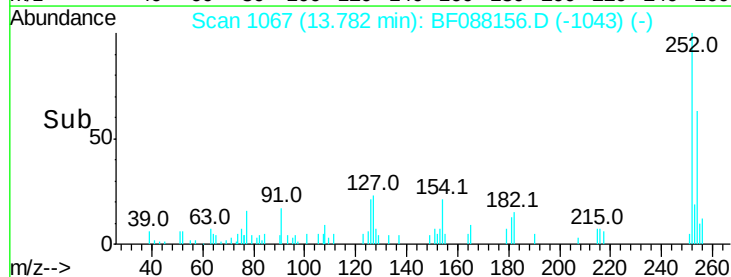
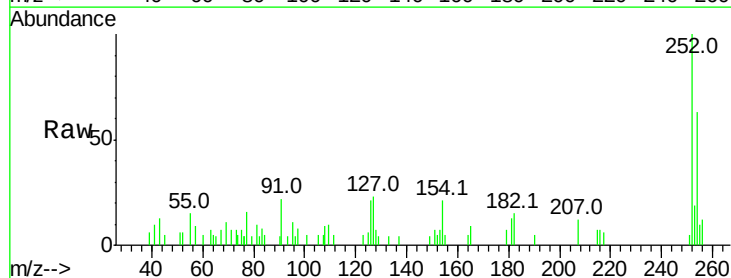
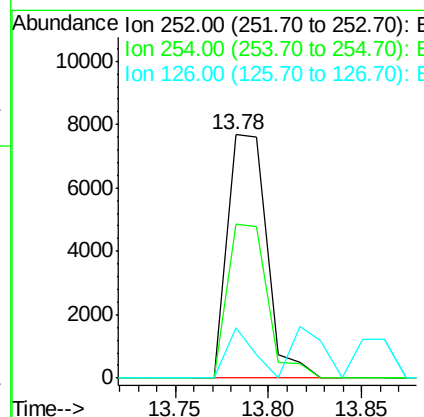
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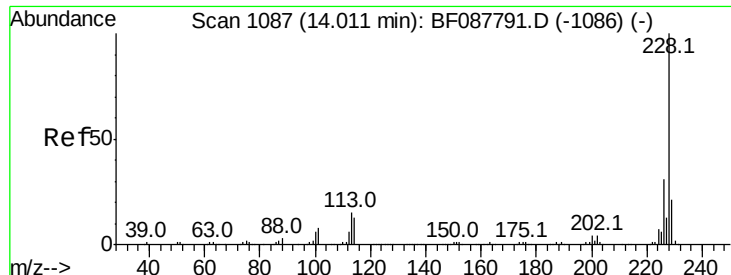
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#81
3,3'-Dichlorobenzidine
Concen: 4.99 ng
RT: 13.78 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.6	78.8
126	20.5	6.2	9.2





#82

Chrysene

Concen: 58.34 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

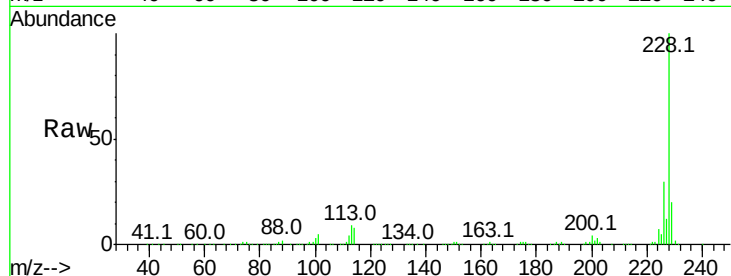
ClientSampleId :

PL-UP1-COMPMSD

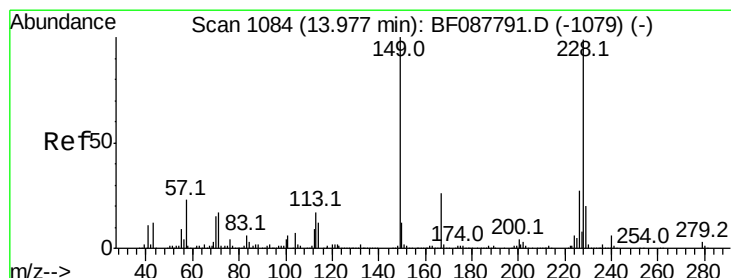
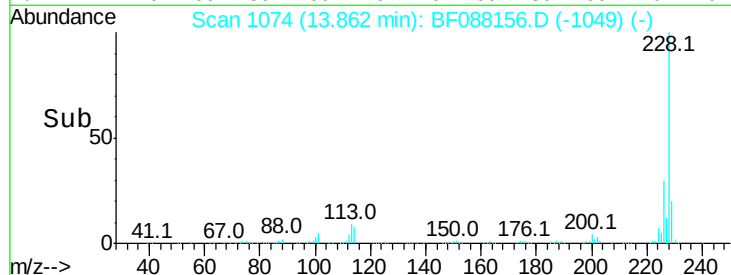
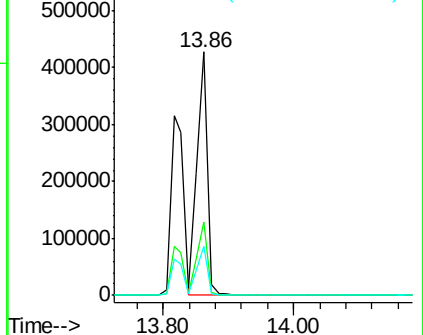
Tot Ion:	228	Resp:	463520
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.4	38.2
229	20.0	16.3	24.5

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 59.25 ng

RT: 13.82 min Scan# 1070

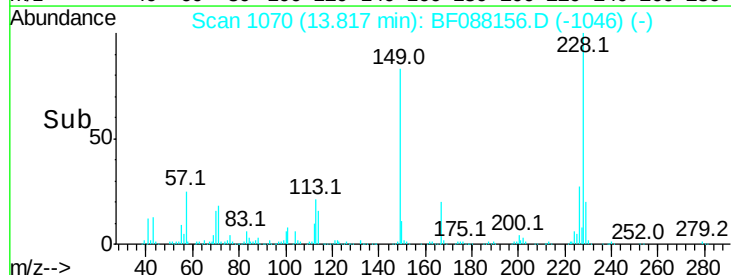
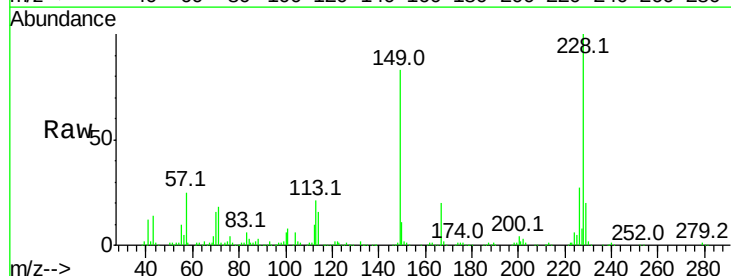
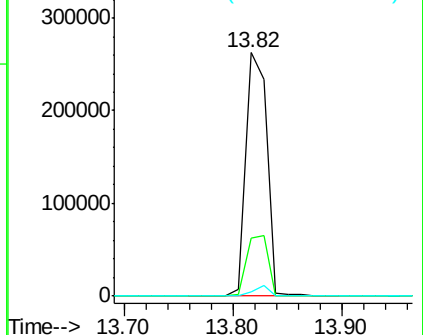
Delta R.T. -0.02 min

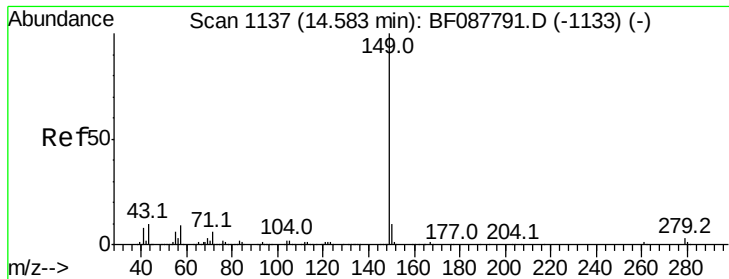
Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:	149	Resp:	350622
Ion Ratio	Lower	Upper	
149	100		
167	23.9	20.5	30.7
279	1.7	2.0	3.0#

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





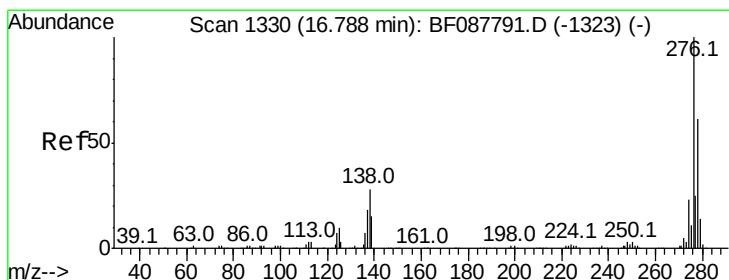
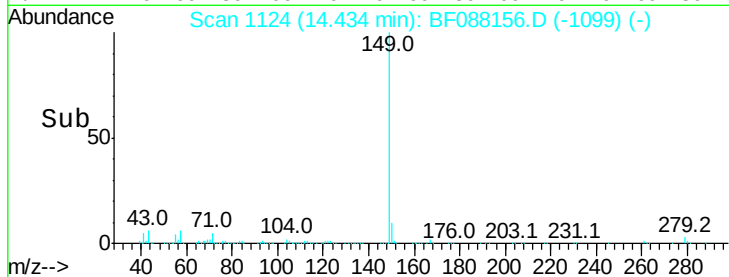
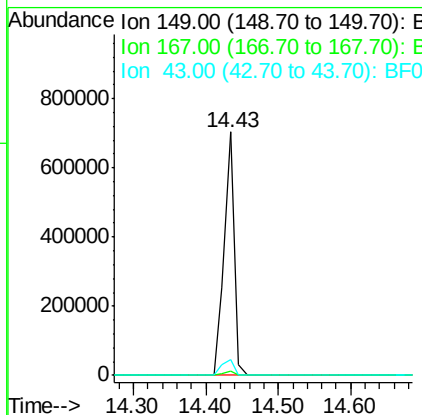
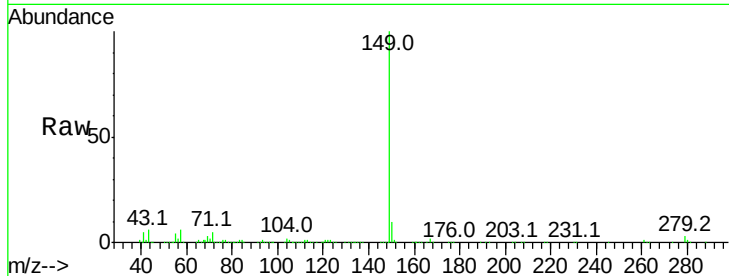
#84
Di-n-octyl phthalate
Concen: 70.95 ng
RT: 14.43 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	7.8	0.0	0.0#

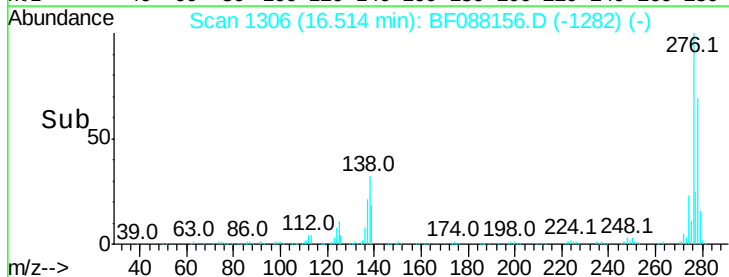
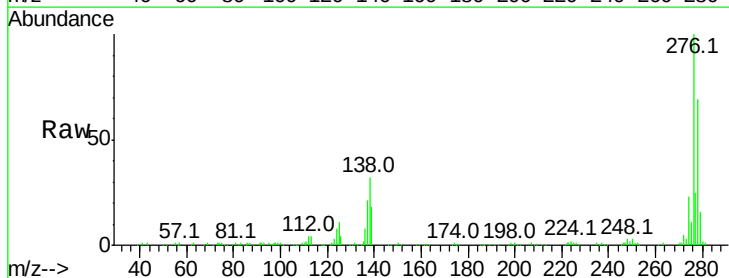
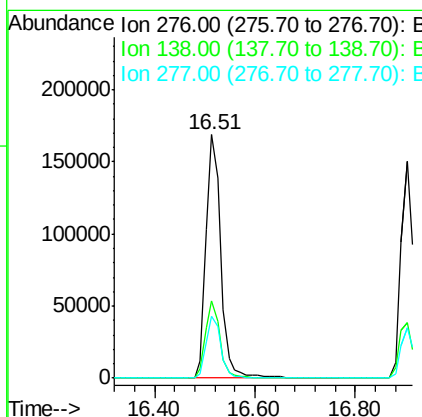
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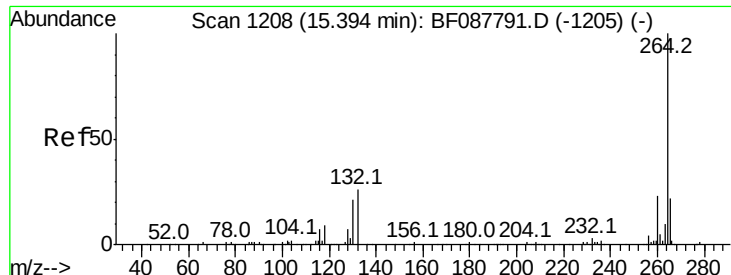
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#85
Indeno(1,2,3-cd)pyrene
Concen: 47.26 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	31.2	0.0	0.0#
277	25.3	0.0	0.0#





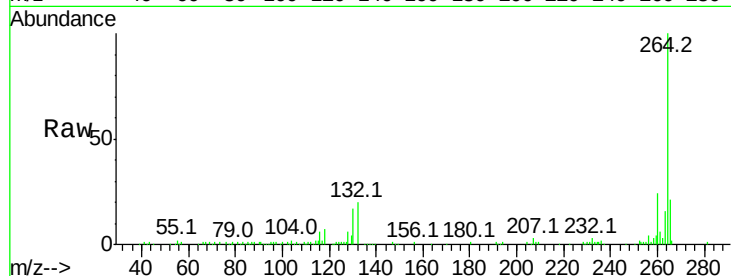
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	16.9	25.3

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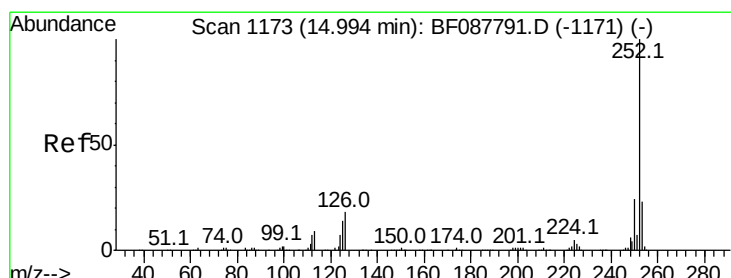
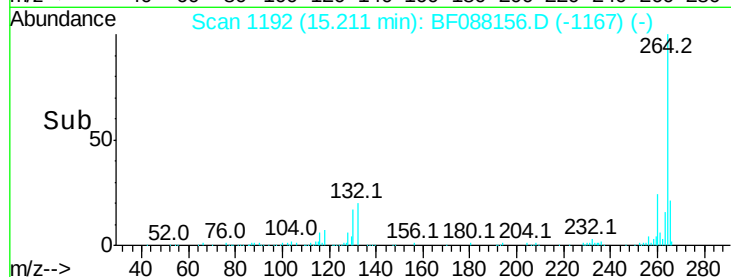
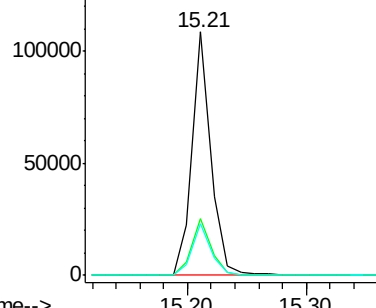


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 52.46 ng m
RT: 14.83 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

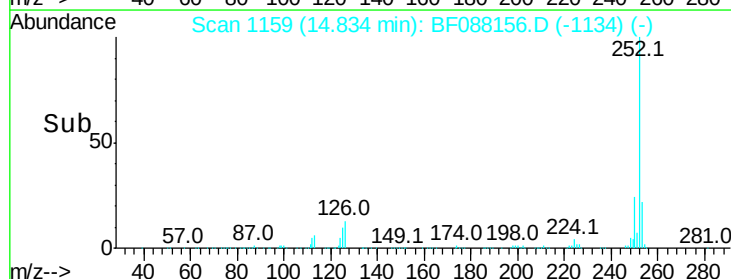
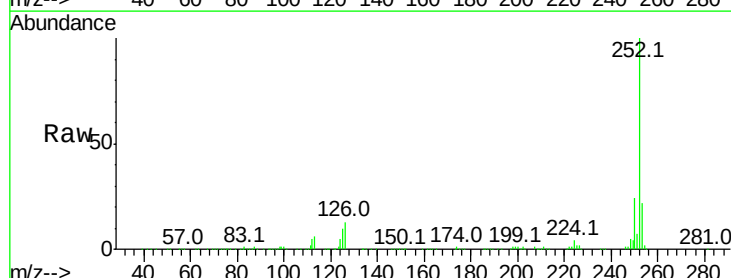
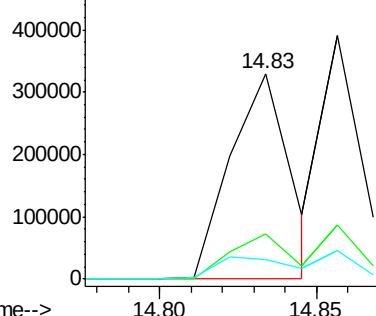
Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.8	7.1	10.7

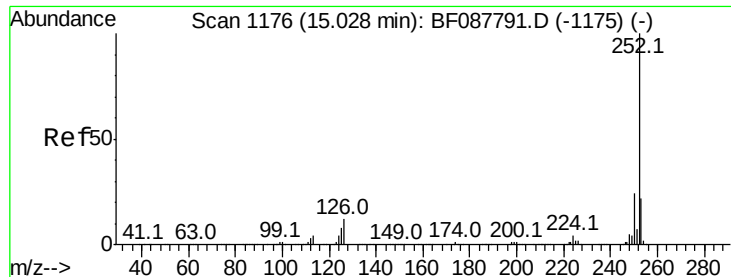
Abundance

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





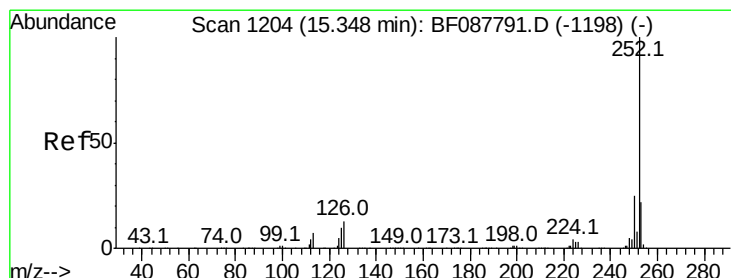
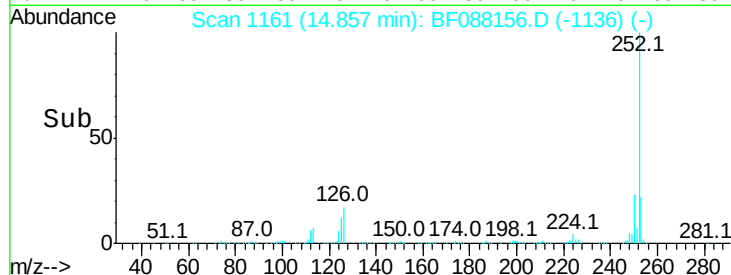
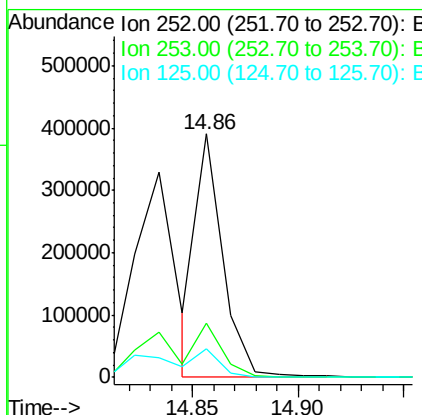
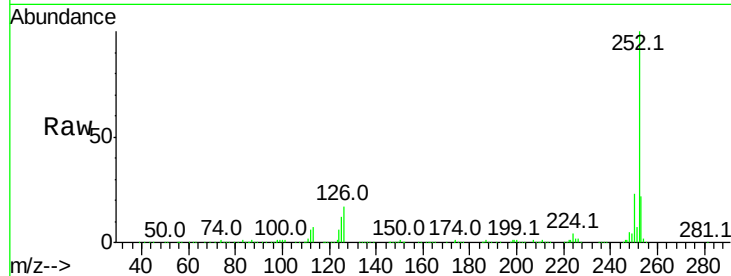
#88
Benzo(k)fluoranthene
Concen: 55.56 ng m
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	348036		
253	22.2	18.0	27.0	
125	12.0	11.2	16.8	

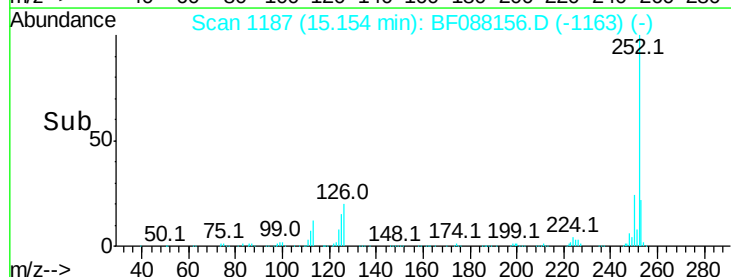
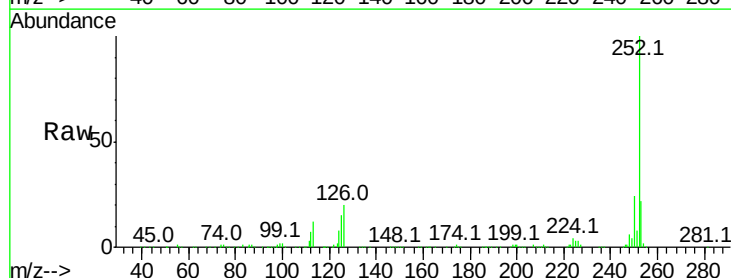
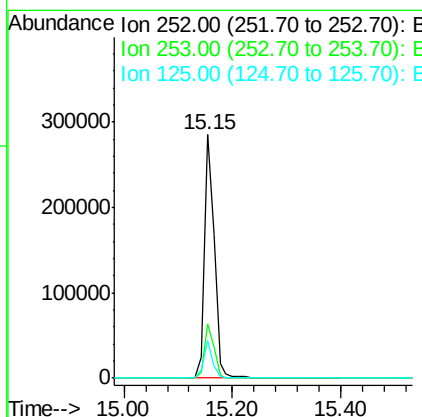
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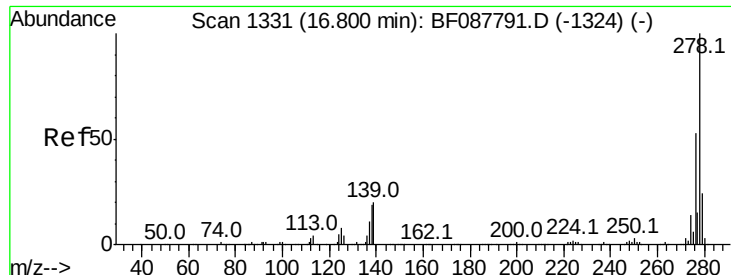
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#89
Benzo(a)pyrene
Concen: 52.47 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	352526		
253	22.2	17.9	26.9	
125	15.4	12.5	18.7	





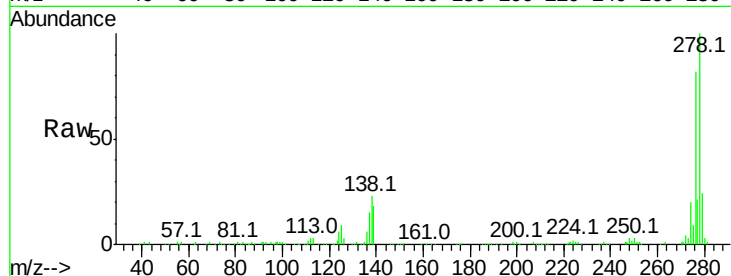
#90
Dibenzo(a,h)anthracene
Concen: 48.55 ng
RT: 16.53 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

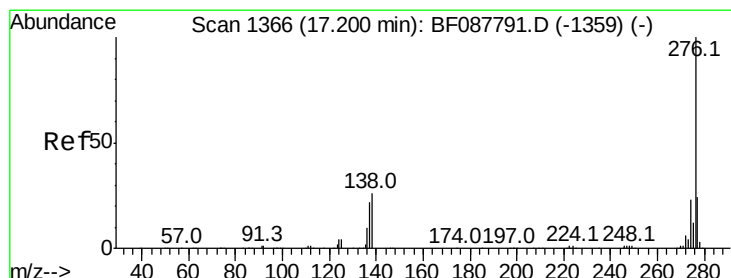
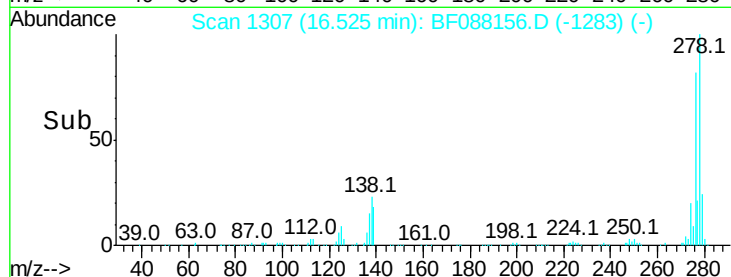
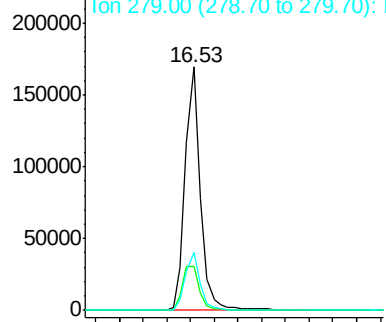
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.7	23.5
279	23.9	19.4	29.2

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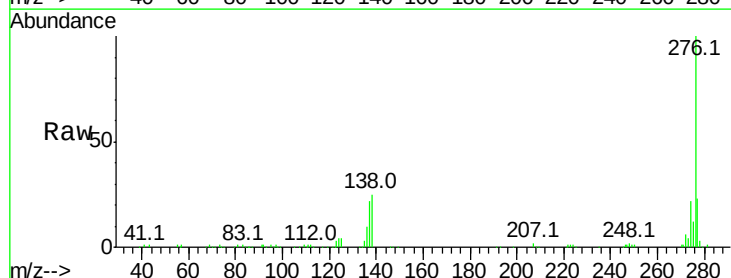


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 45.01 ng
RT: 16.90 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	25.4	21.4	32.2



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

