

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085855.D
 Acq On : 29 Mar 2016 18:12
 Operator : UM/SJ
 Sample : PB89295BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Manual Integrations
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Sohil
 3/30/2016 7:04:47 PM

Quant Time: Mar 30 01:09:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110185	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	472328	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	207491	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	396350	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	324204	20.00	ng	-0.01
86) Perylene-d12	15.39	264	221492	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	739947	111.84	ng	0.00
7) Phenol-d6	6.45	99	952399	113.22	ng	-0.01
23) Nitrobenzene-d5	7.37	82	604222	72.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	271279	137.61	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1029805	82.92	ng	-0.02
78) Terphenyl-d14	12.92	244	1119720	71.03	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	105433	33.37	ng	97
3) Pyridine	3.14	79	285485	37.69	ng	99
4) n-Nitrosodimethylamine	3.09	42	129114	42.58	ng	98
6) Aniline	6.47	93	200891	17.74	ng	# 93
8) 2-Chlorophenol	6.60	128	302489	39.35	ng	92
9) Benzaldehyde	6.36	77	150303	29.66	ng	91
10) Phenol	6.46	94	368024	38.62	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	281337	38.36	ng	92
12) 1,3-Dichlorobenzene	6.74	146	321267	38.81	ng	# 94
13) 1,4-Dichlorobenzene	6.82	146	326299	38.87	ng	94
14) 1,2-Dichlorobenzene	6.97	146	292161	37.34	ng	96
15) Benzyl Alcohol	6.95	79	223141	39.76	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	339980	34.94	ng	97
17) 2-Methylphenol	7.08	107	247581	40.23	ng	99
18) Hexachloroethane	7.32	117	117983	38.38	ng	90
19) n-Nitroso-di-n-propylamine	7.22	70	189029	37.53	ng	95
20) 3+4-Methylphenols	7.22	107	298340	40.32	ng	92
22) Acetophenone	7.22	105	397965	36.17	ng	# 95
24) Nitrobenzene	7.40	77	338128	39.11	ng	90
25) Isophorone	7.64	82	592010	36.64	ng	96
26) 2-Nitrophenol	7.72	139	164786	38.10	ng	90
27) 2,4-Dimethylphenol	7.75	122	270962	35.84	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	348149	37.82	ng	97
29) 2,4-Dichlorophenol	7.96	162	250168	39.36	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	266333	37.74	ng	96
31) Naphthalene	8.12	128	911316	38.29	ng	99
32) Benzoic acid	7.89	122	162994	32.46	ng	92
33) 4-Chloroaniline	8.17	127	78314	8.06	ng	99
34) Hexachlorobutadiene	8.23	225	133233	34.74	ng	98
35) Caprolactam	8.54	113	82933m	36.84	ng	
36) 4-Chloro-3-methylphenol	8.66	107	289802	39.03	ng	90
37) 2-Methylnaphthalene	8.80	142	554485	38.60	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	233753	37.99	ng	99
40) Hexachlorocyclopentadiene	8.96	237	192254	75.55	ng	98

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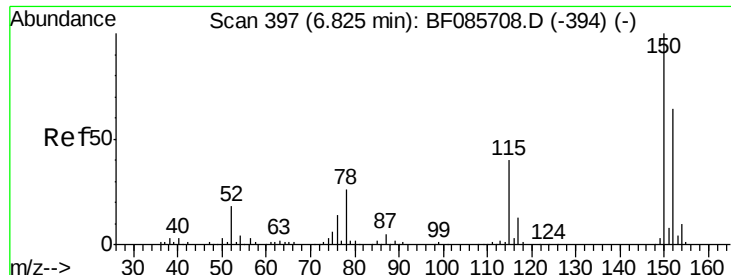
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	162428	39.09	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	178814	41.03	ng #	93
45) 1,1'-Biphenyl	9.27	154	667903	38.15	ng	98
46) 2-Chloronaphthalene	9.29	162	498519	38.72	ng	92
47) 2-Nitroaniline	9.40	65	168530	42.81	ng	98
48) Acenaphthylene	9.70	152	820898	39.13	ng	99
49) Dimethylphthalate	9.58	163	653913	41.54	ng	99
50) 2,6-Dinitrotoluene	9.64	165	125737	37.11	ng	97
51) Acenaphthene	9.88	154	487009	38.01	ng	100
52) 3-Nitroaniline	9.81	138	59247	15.28	ng	94
53) 2,4-Dinitrophenol	9.92	184	123017	72.47	ng #	80
54) Dibenzofuran	10.06	168	739713	44.60	ng	96
55) 4-Nitrophenol	9.98	139	186368	73.76	ng	93
56) 2,4-Dinitrotoluene	10.05	165	188555	43.78	ng #	72
57) Fluorene	10.39	166	543121	39.40	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	127993	42.26	ng	98
59) Diethylphthalate	10.28	149	646882	41.59	ng	100
60) 4-Chlorophenyl-phenylether	10.39	204	281408	41.75	ng #	88
61) 4-Nitroaniline	10.42	138	153506	41.38	ng	95
62) Azobenzene	10.55	77	692779	46.35	ng	94
64) 4,6-Dinitro-2-methylphenol	10.46	198	89441	38.53	ng #	57
65) n-Nitrosodiphenylamine	10.50	169	496616	39.56	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	159454	39.32	ng #	85
67) Hexachlorobenzene	10.95	284	166013	39.15	ng #	86
68) Atrazine	11.04	200	181312	42.78	ng	99
69) Pentachlorophenol	11.14	266	171241	82.25	ng	99
70) Phenanthrene	11.36	178	848942	41.71	ng	99
71) Anthracene	11.41	178	881835	41.27	ng	99
72) Carbazole	11.57	167	843526	47.03	ng	99
73) Di-n-butylphthalate	11.90	149	990144	40.23	ng	98
74) Fluoranthene	12.54	202	823001	38.05	ng	97
76) Benzidine	12.67	184	279266	24.46	ng	97
77) Pyrene	12.77	202	814833	30.58	ng	99
79) Butylbenzylphthalate	13.39	149	373427	33.46	ng #	73
80) Benzo(a)anthracene	13.96	228	704640	38.12	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	103970	8.10	ng #	97
82) Chrysene	13.99	228	580293	31.16	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	467099	34.96	ng #	99
84) Di-n-octyl phthalate	14.55	149	748093	37.65	ng	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	513773	35.73	ng	99
87) Benzo(b)fluoranthene	14.99	252	643415m	46.11	ng	
88) Benzo(k)fluoranthene	15.01	252	428620m	34.07	ng	
89) Benzo(a)pyrene	15.33	252	511692	41.30	ng #	97
90) Dibenzo(a,h)anthracene	16.77	278	432995	37.62	ng	97
91) Benzo(g,h,i)perylene	17.18	276	432200	37.08	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.02 min

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Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

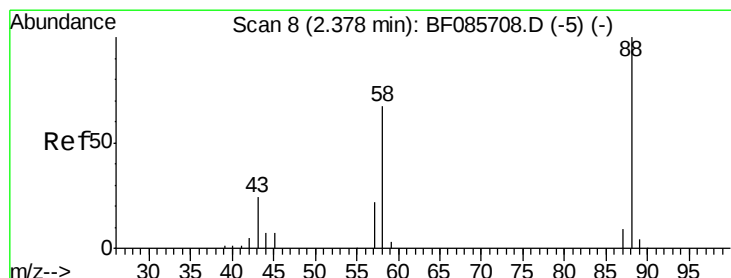
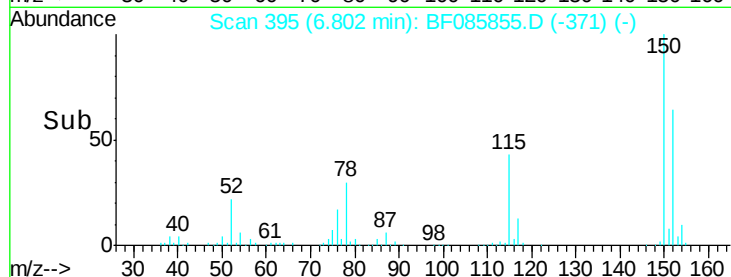
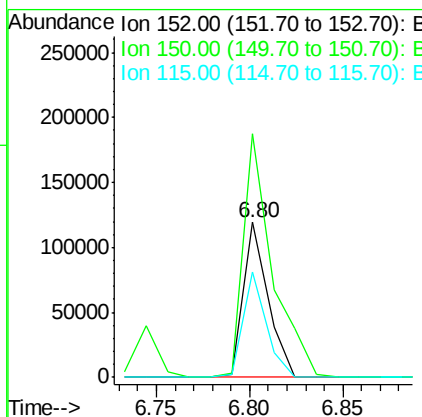
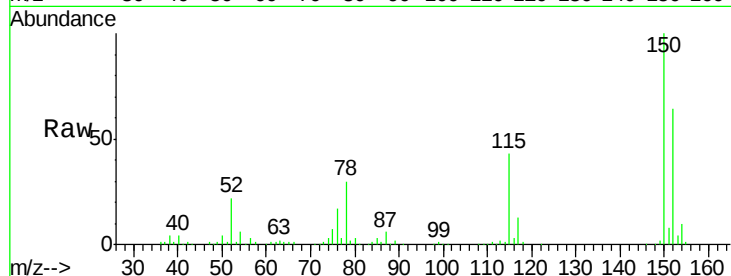
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.2	186.2
115	68.3	47.0	70.6

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#2

1,4-Dioxane

Concen: 33.37 ng

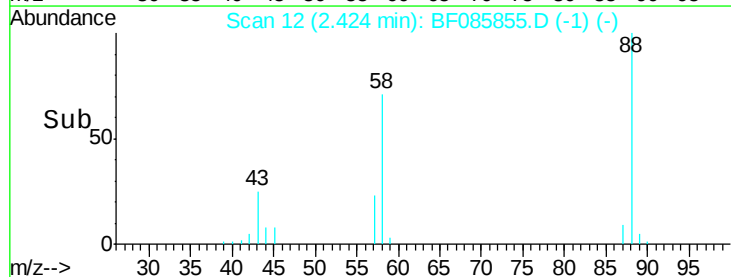
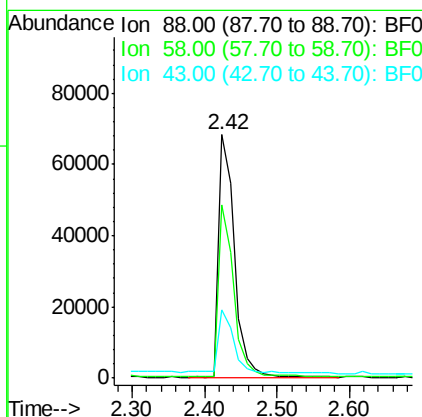
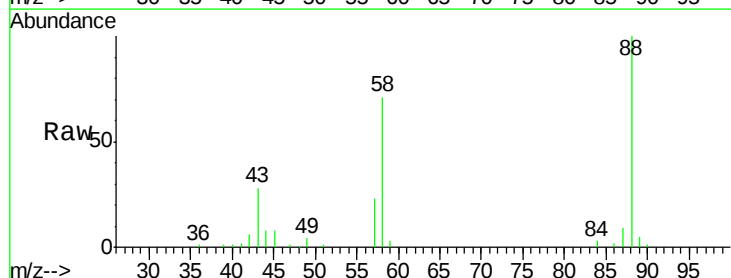
RT: 2.42 min Scan# 12

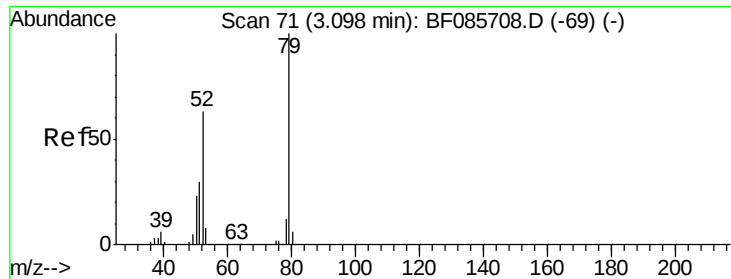
Delta R.T. 0.05 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.7	54.2	81.2
43	26.1	19.3	28.9





#3

Pyridine

Concen: 37.69 ng

RT: 3.14 min Scan# 75

Delta R.T. 0.05 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

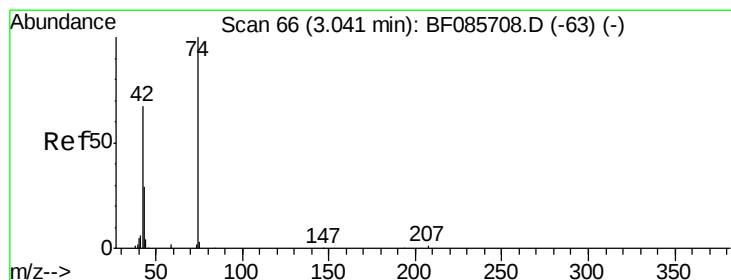
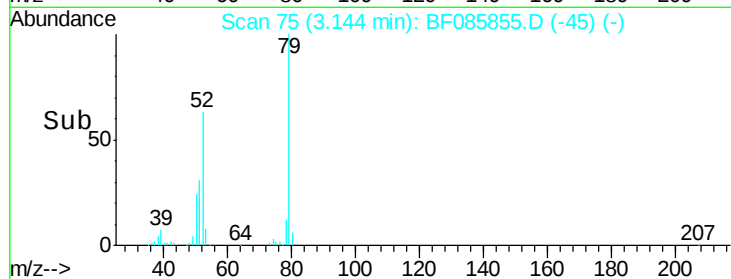
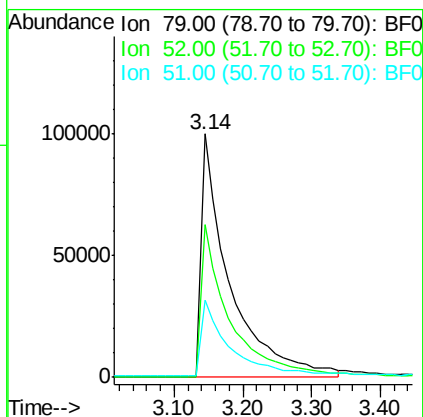
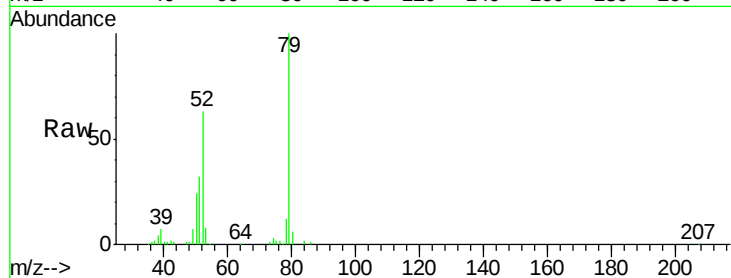
ClientSampleId :

PB89295BS

Tgt Ion:	79	Resp:	285485
Ion Ratio		Lower	Upper
79	100		
52	62.5	49.8	74.6
51	31.8	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 42.58 ng

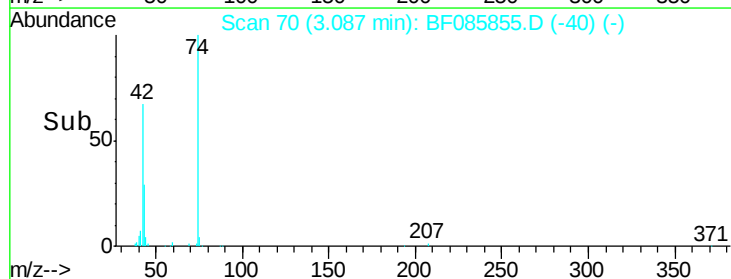
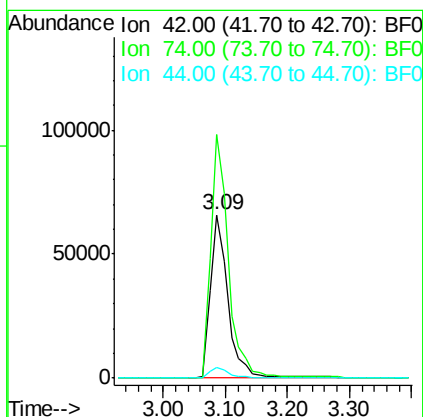
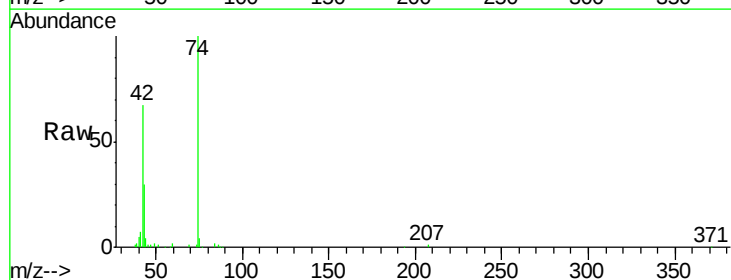
RT: 3.09 min Scan# 70

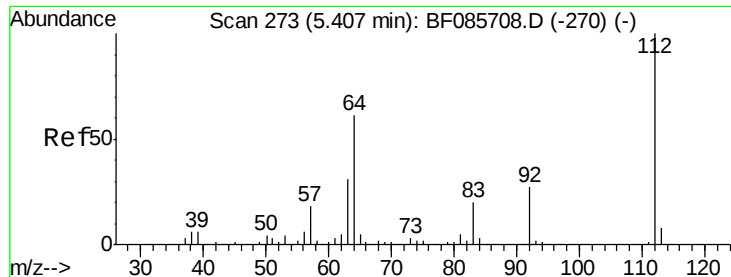
Delta R.T. 0.05 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion:	42	Resp:	129114
Ion Ratio		Lower	Upper
42	100		
74	149.3	121.4	182.2
44	6.6	5.6	8.4





#5

2-Fluorophenol

Concen: 111.84 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085855.D

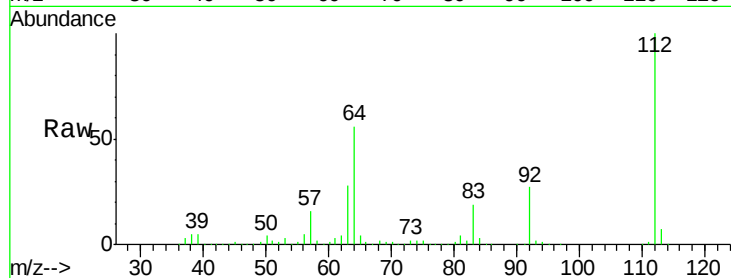
Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

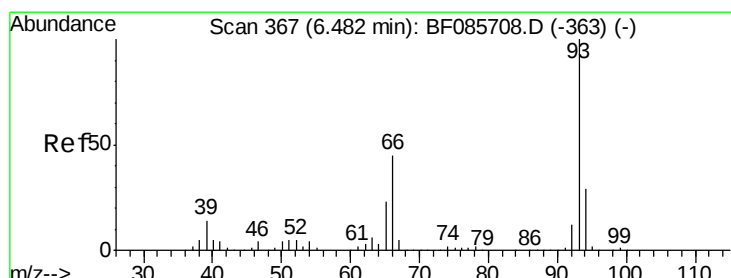
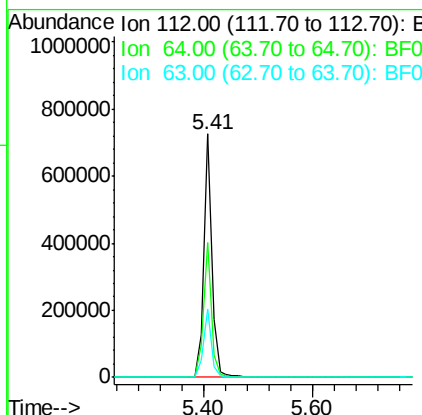
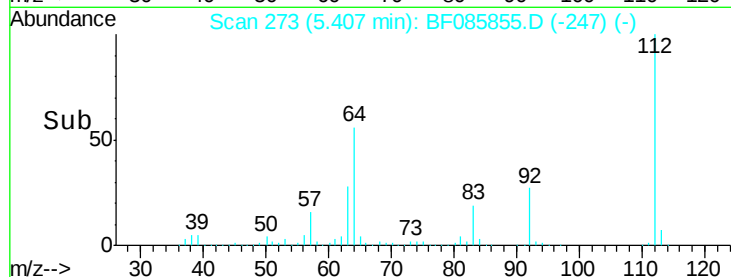
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	739947		
64	55.6	39.9	59.9	
63	28.1	20.2	30.2	

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#6

Aniline

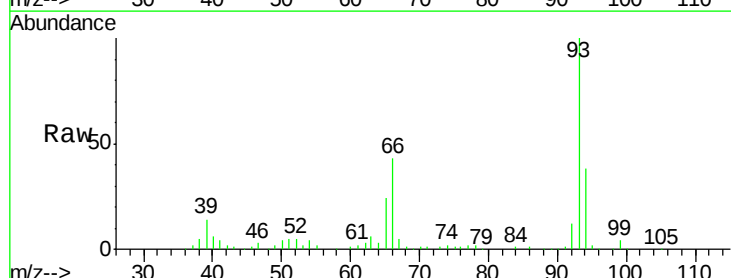
Concen: 17.74 ng

RT: 6.47 min Scan# 366

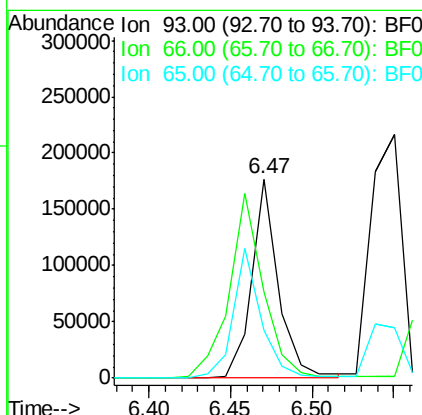
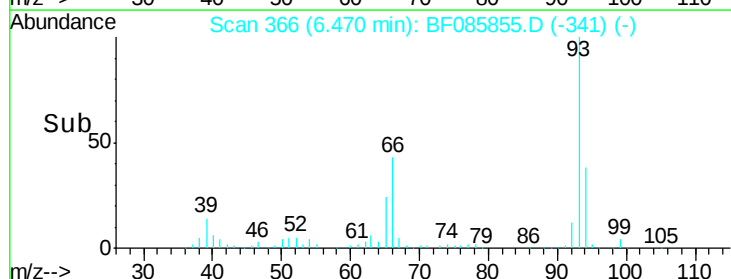
Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12



Tgt Ion	Ratio	Resp	Lower	Upper
93	100	200891		
66	43.3	31.4	47.2	
65	23.7	15.7	23.5	





#7

Phenol-d6

Concen: 113.22 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

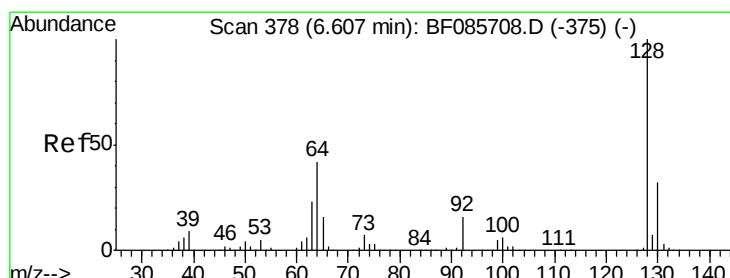
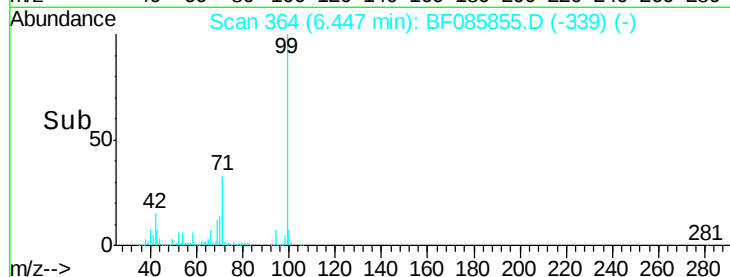
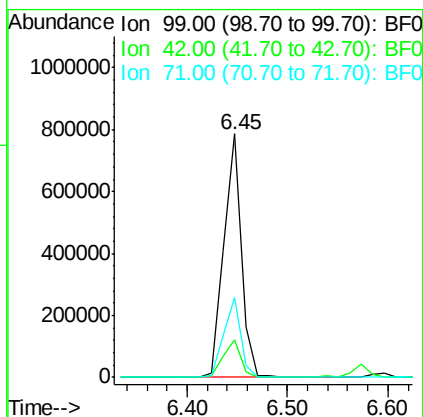
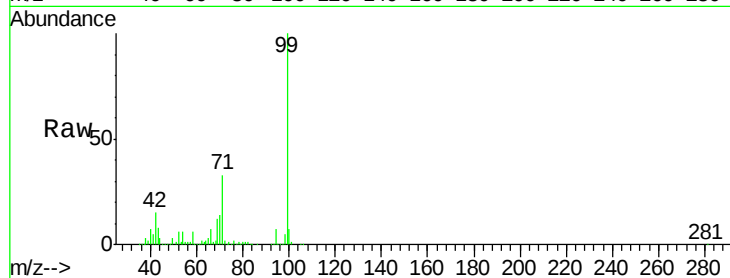
ClientSampleId :

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Tgt Ion:	99	Resp:	952399
Ion Ratio	Lower	Upper	
99	100		
42	15.5	11.1	16.7
71	32.8	24.9	37.3

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#8

2-Chlorophenol

Concen: 39.35 ng

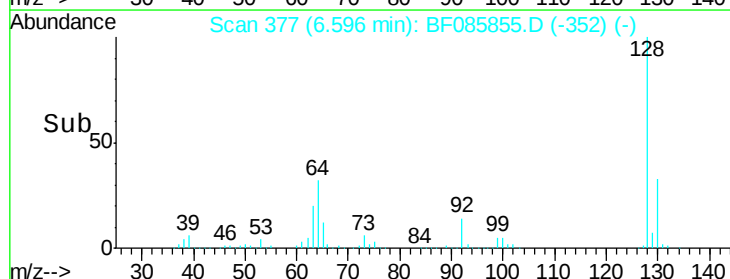
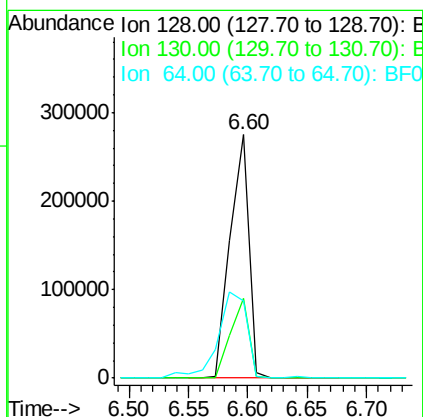
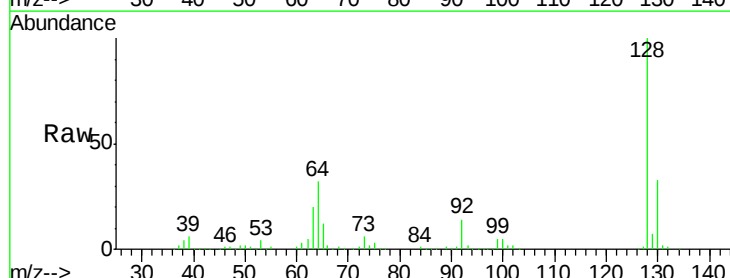
RT: 6.60 min Scan# 377

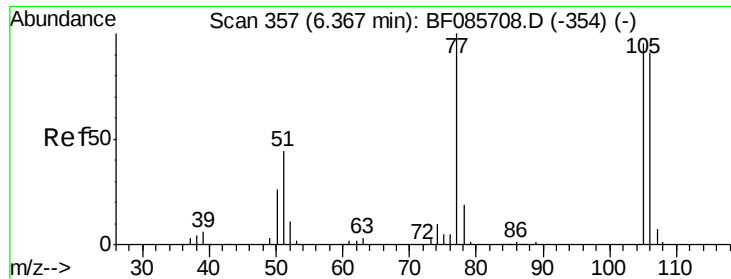
Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion:	128	Resp:	302489
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	31.6	20.2	60.2





#9

Benzaldehyde

Concen: 29.66 ng

RT: 6.36 min Scan# 356

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

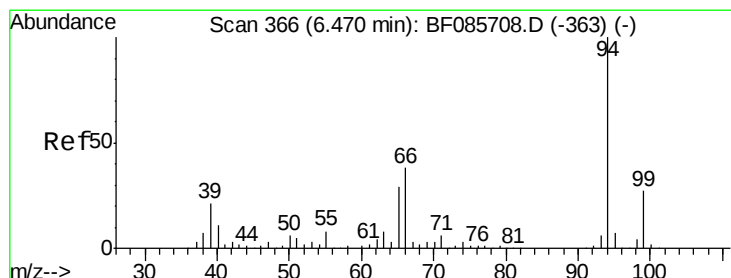
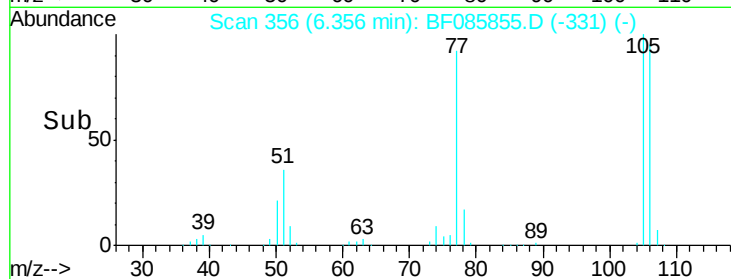
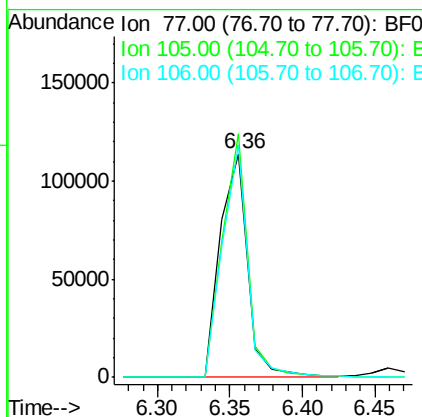
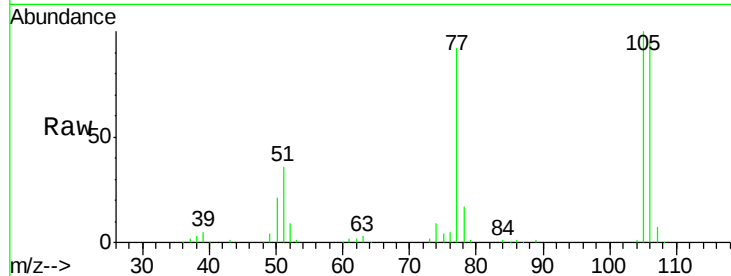
ClientSampleId :

PB89295BS

Tgt Ion:	77	Resp:	150303
Ion	Ratio	Lower	Upper
77	100		
105	108.9	80.1	120.1
106	104.0	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 38.62 ng

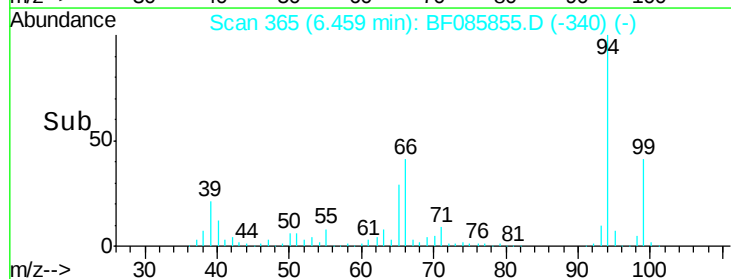
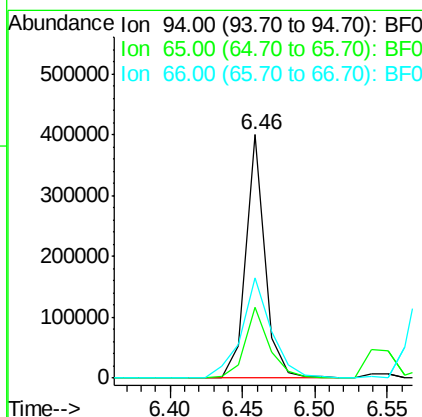
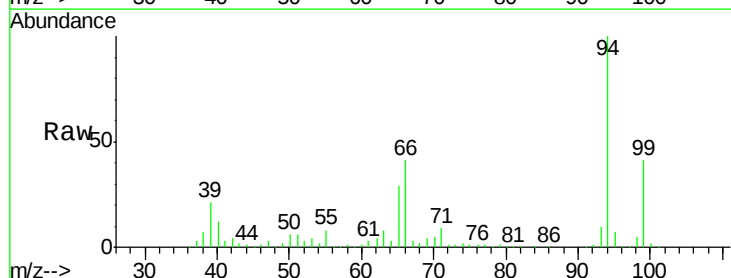
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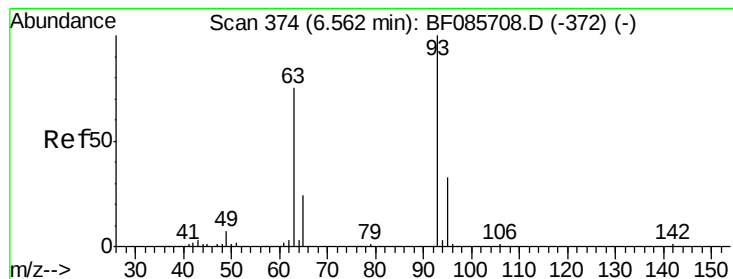
Delta R.T. -0.01 min

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Tgt Ion:	94	Resp:	368024
Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.6	48.6
66	41.1	20.0	60.0





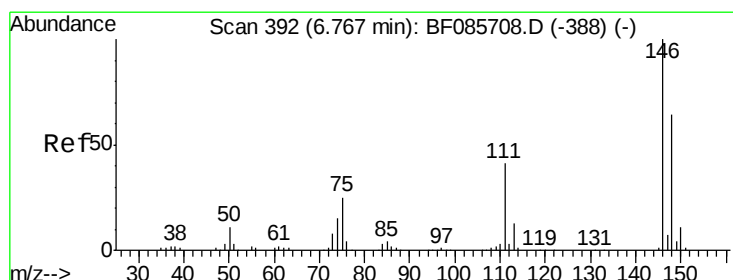
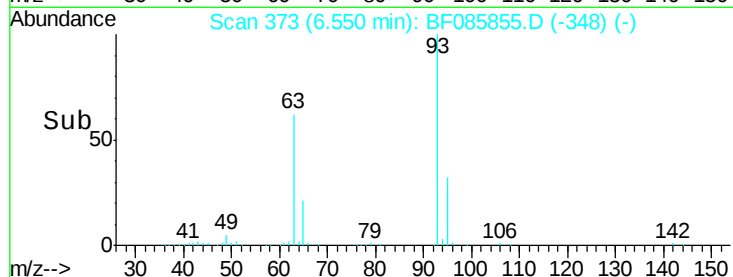
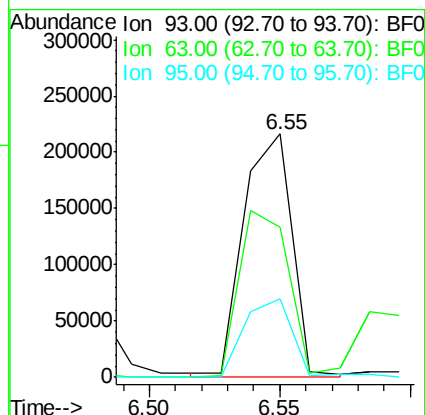
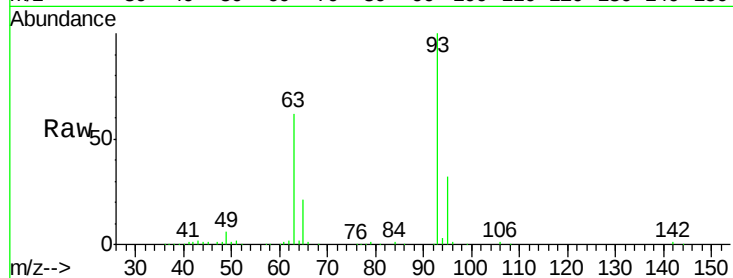
#11
bis(2-Chloroethyl)ether
Concen: 38.36 ng
RT: 6.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:	93	Resp:	281337
Ion Ratio	Lower	Upper	
93	100		
63	61.8	50.9	90.9
95	32.4	13.3	53.3

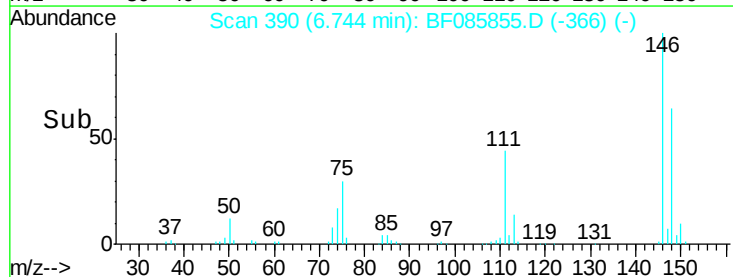
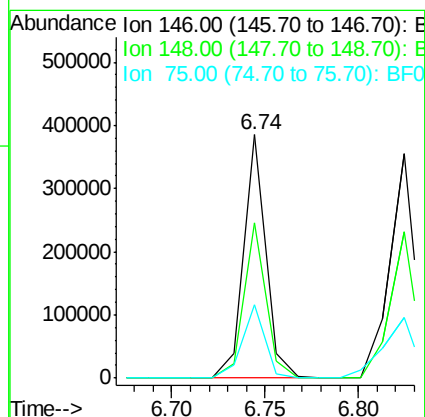
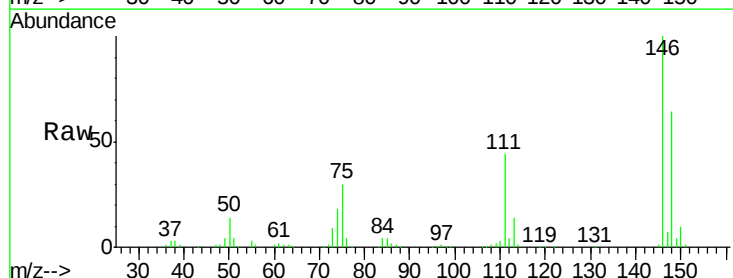
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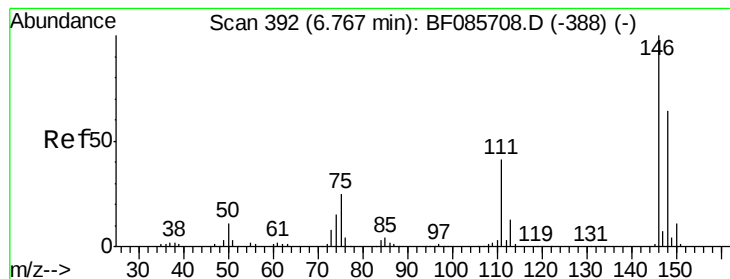
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#12
1,3-Dichlorobenzene
Concen: 38.81 ng
RT: 6.74 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:	146	Resp:	321267
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.3	78.5
75	30.0	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 38.87 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF085855.D

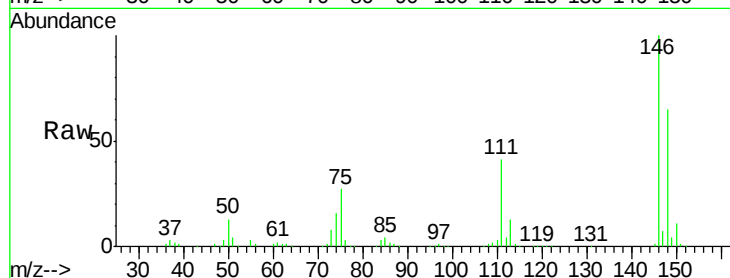
Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS



Tgt Ion:146 Resp: 326299

Ion Ratio Lower Upper

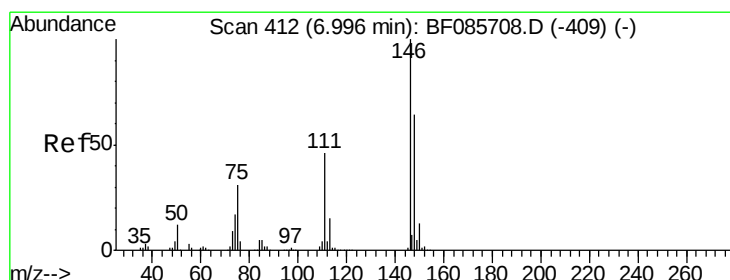
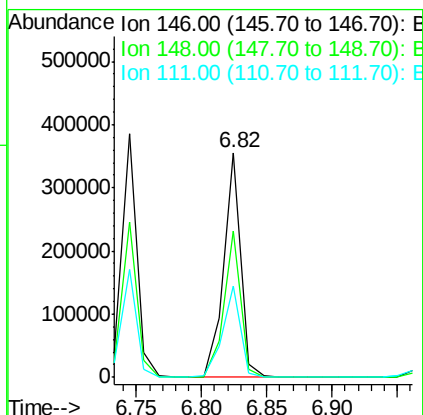
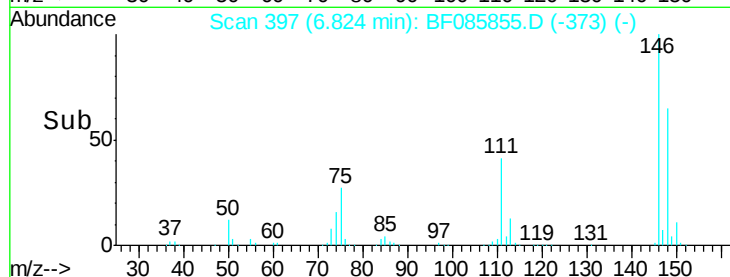
146 100

148 65.4 50.6 76.0

111 40.9 37.8 56.6

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#14

1,2-Dichlorobenzene

Concen: 37.34 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

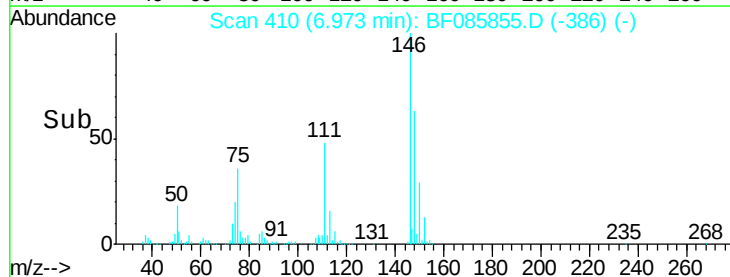
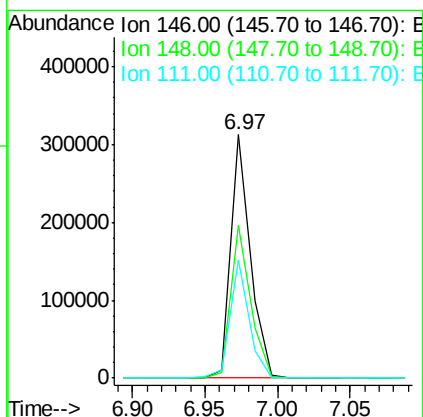
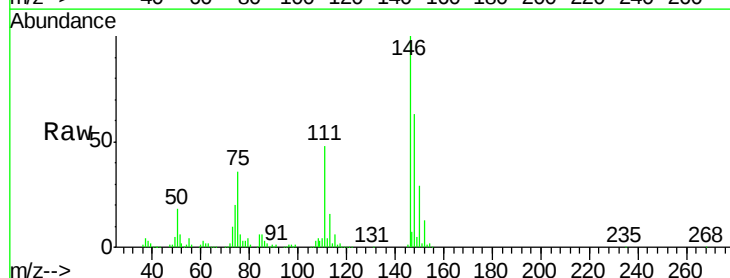
Tgt Ion:146 Resp: 292161

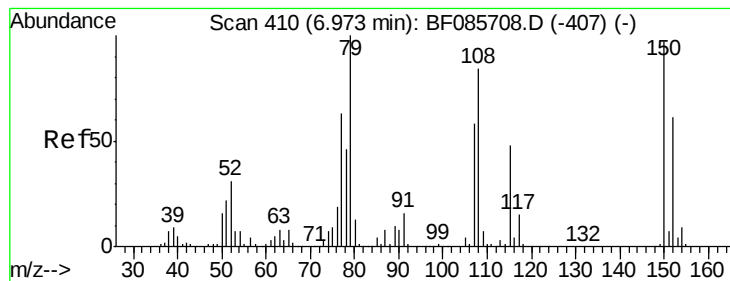
Ion Ratio Lower Upper

146 100

148 62.6 51.4 77.2

111 48.3 34.6 52.0





#15

Benzyl Alcohol

Concen: 39.76 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

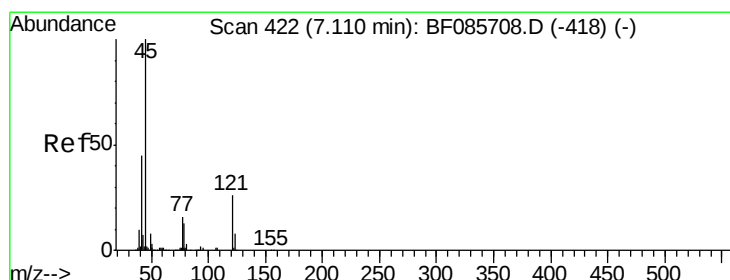
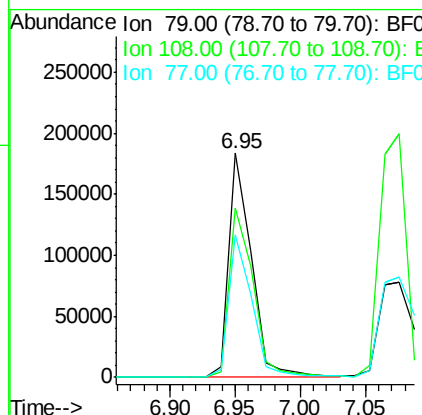
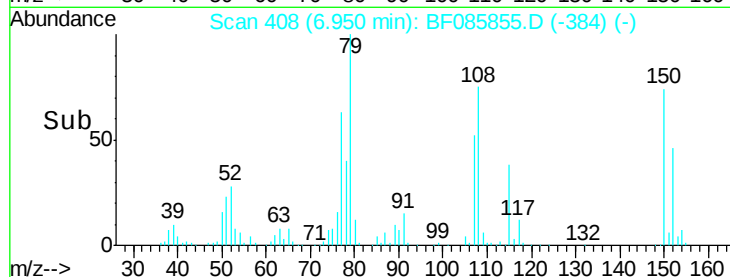
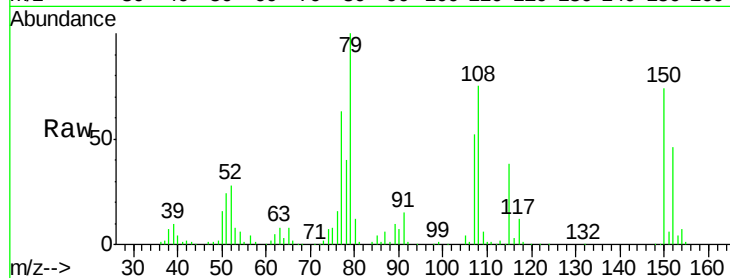
ClientSampled :

PB89295BS

Tgt Ion:	79	Resp:	223141
Ion Ratio	Lower	Upper	
79	100		
108	75.3	61.8	92.6
77	63.4	49.6	74.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.94 ng

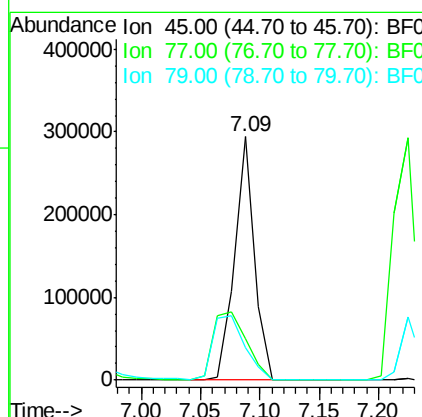
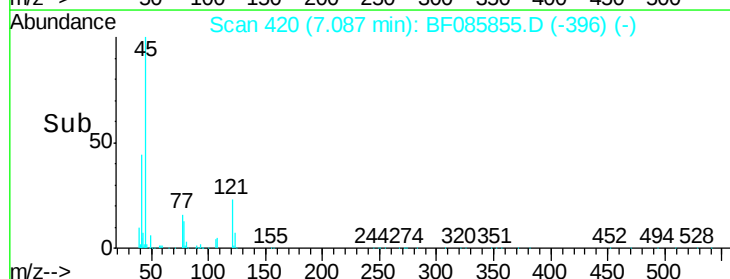
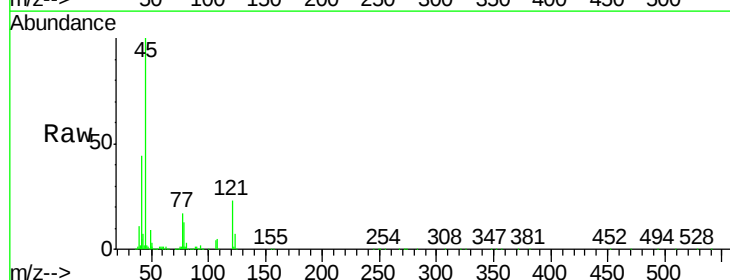
RT: 7.09 min Scan# 420

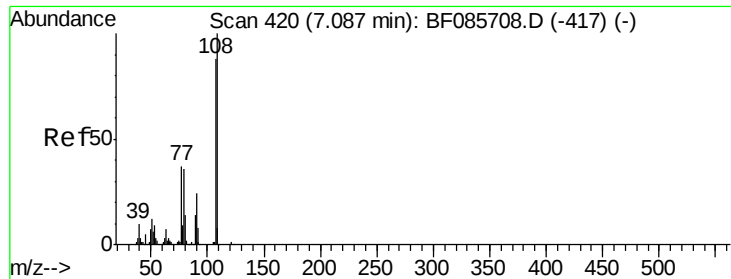
Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion:	45	Resp:	339980
Ion Ratio	Lower	Upper	
45	100		
77	17.2	0.0	35.7
79	13.4	0.0	32.2





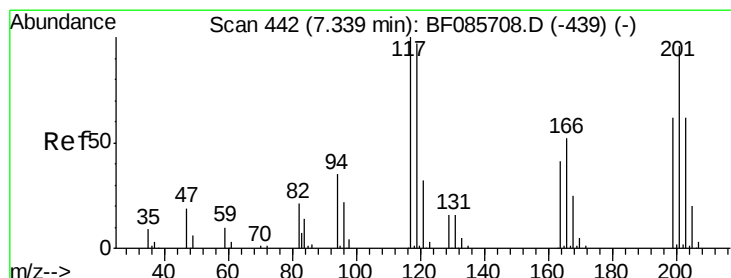
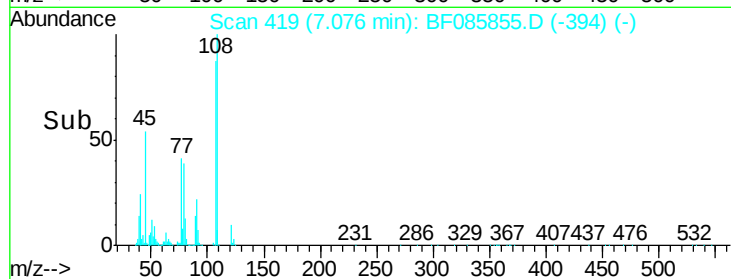
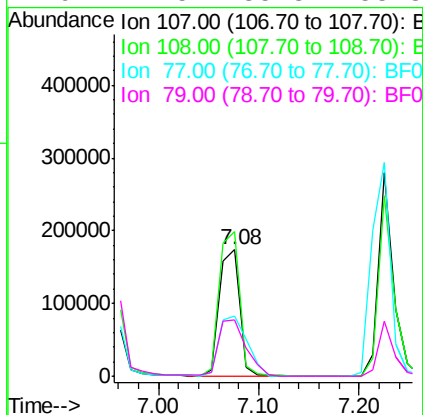
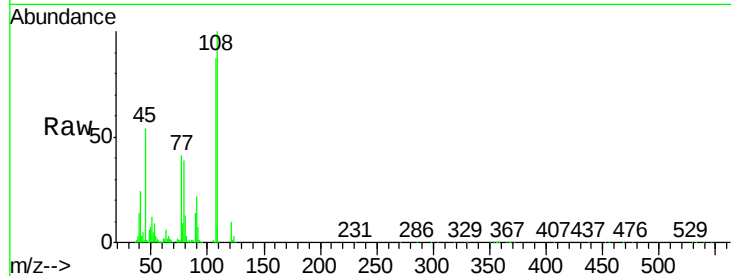
#17
2-Methylphenol
Concen: 40.23 ng
RT: 7.08 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:	107	Resp:	247581
Ion Ratio	Lower	Upper	
107	100		
108	114.6	91.4	137.0
77	47.1	36.2	54.2
79	44.5	35.8	53.8

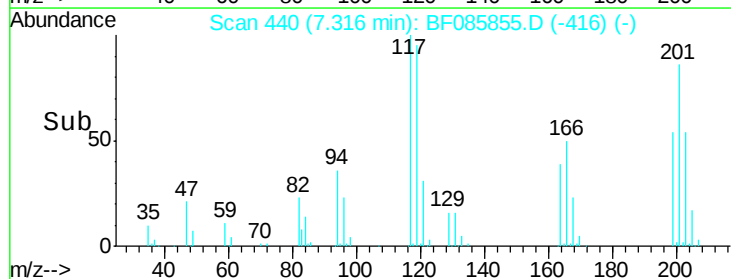
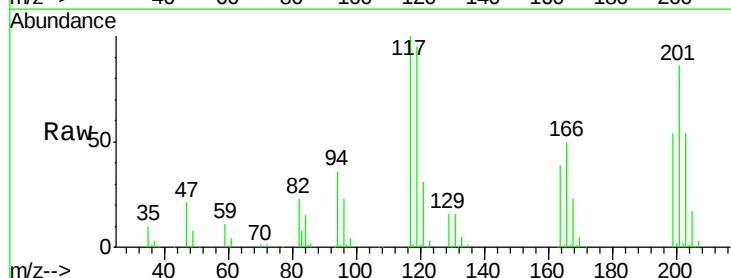
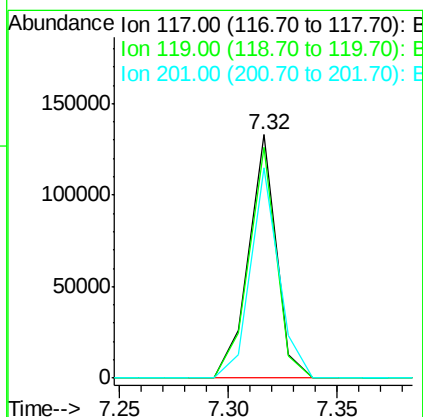
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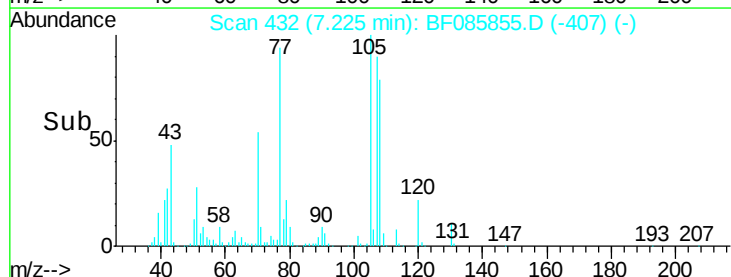
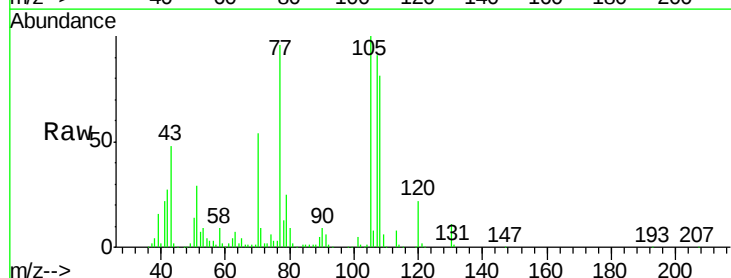
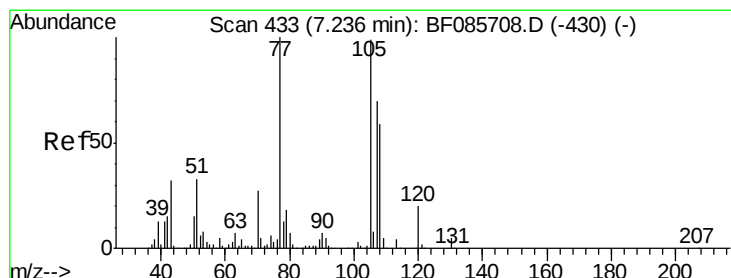
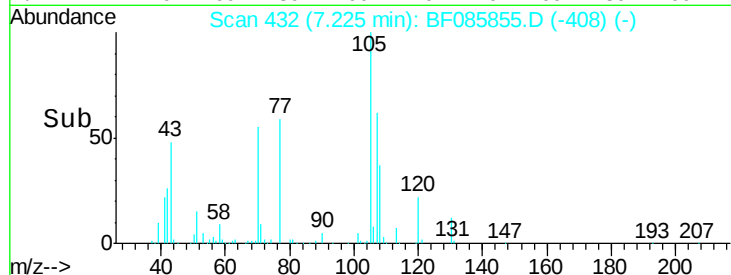
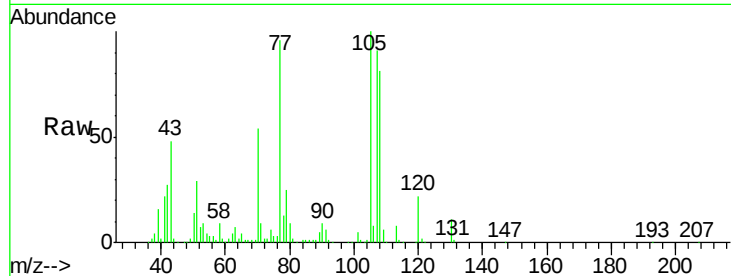
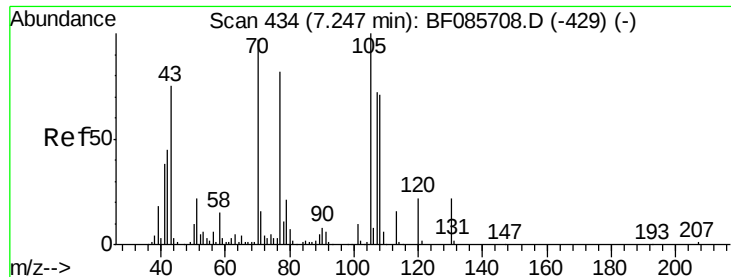
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#18
Hexachloroethane
Concen: 38.38 ng
RT: 7.32 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:	117	Resp:	117983
Ion Ratio	Lower	Upper	
117	100		
119	95.0	76.7	115.1
201	86.2	83.3	124.9





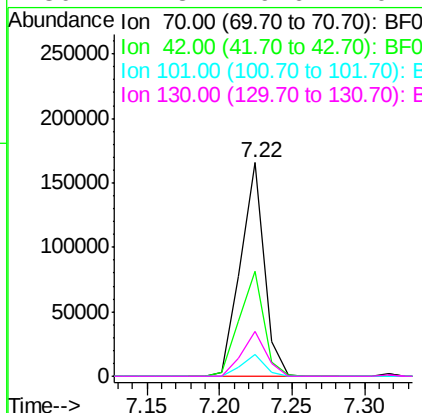
#19
n-Nitroso-di-n-propylamine
Concen: 37.53 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.2	37.1	55.7
101	10.1	8.6	12.8
130	21.3	19.6	29.4

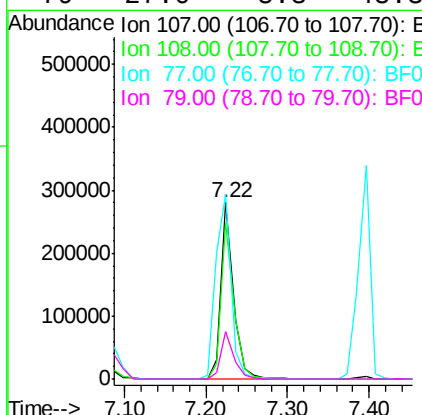
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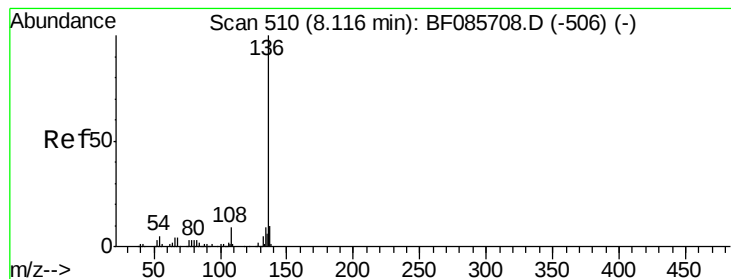
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#20
3+4-Methylphenols
Concen: 40.32 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.3	109.3
77	104.7	101.7	141.7
79	27.0	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

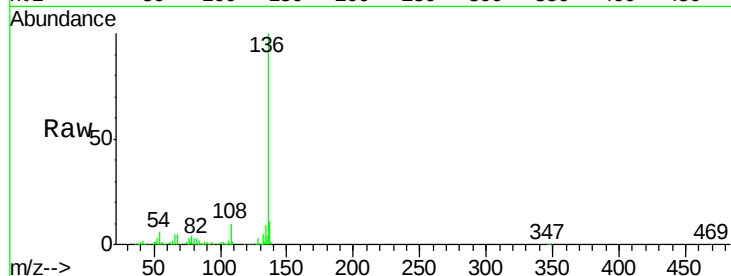
ClientSampleId :

PB89295BS

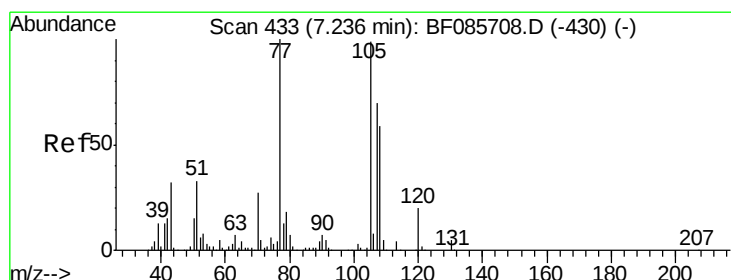
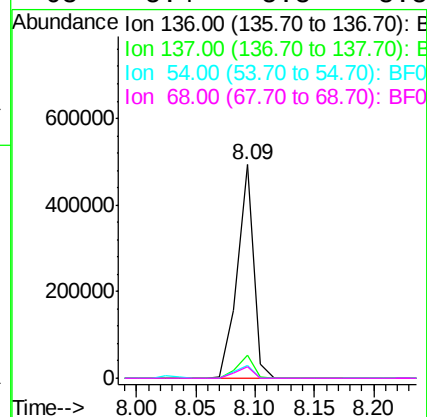
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Tgt Ion	Ratio	Resp	Lower	Upper
136	100	472328		
137	10.8	9.1	13.7	
54	6.2	7.4	11.0	
68	5.4	5.8	8.8	



#22

Acetophenone

Concen: 36.17 ng

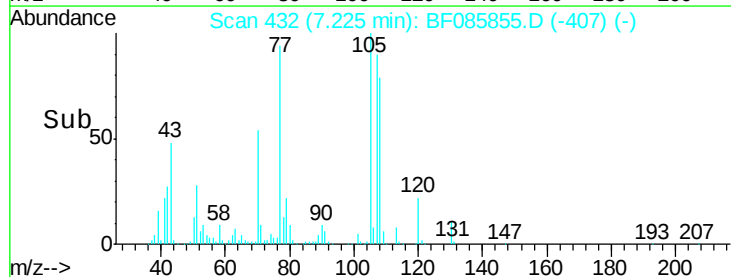
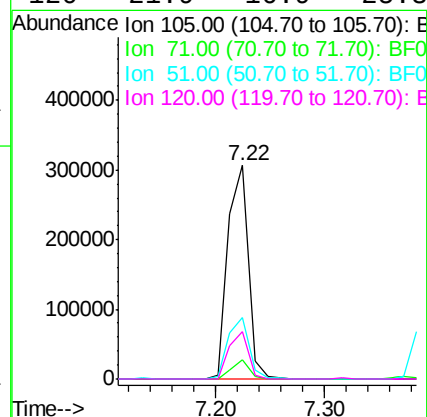
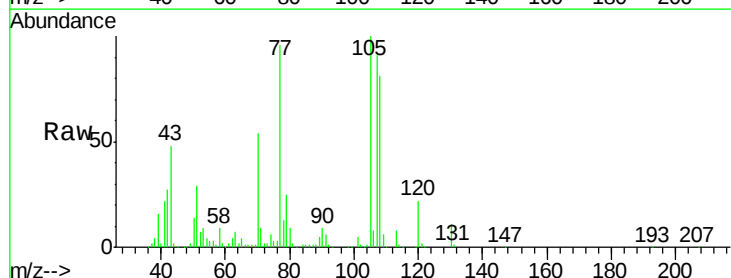
RT: 7.22 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	397965		
71	8.9	3.6	5.4	
51	28.7	25.4	38.0	
120	21.9	16.9	25.3	





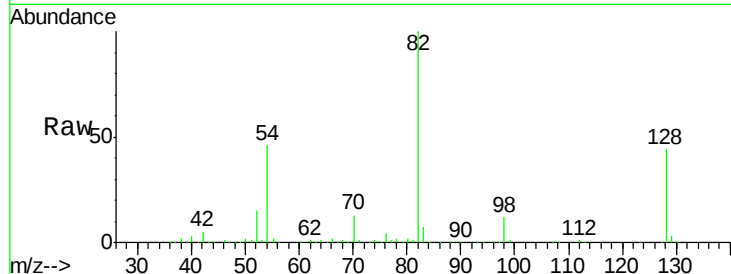
#23
 Nitrobenzene-d5
 Concen: 72.04 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

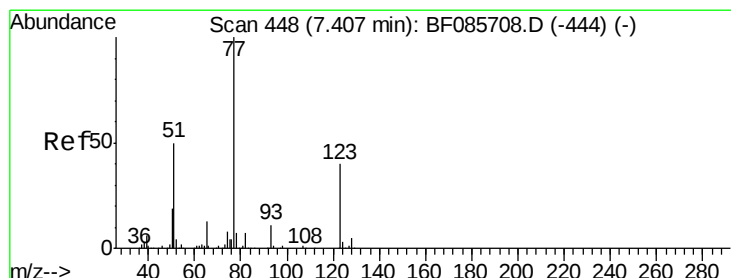
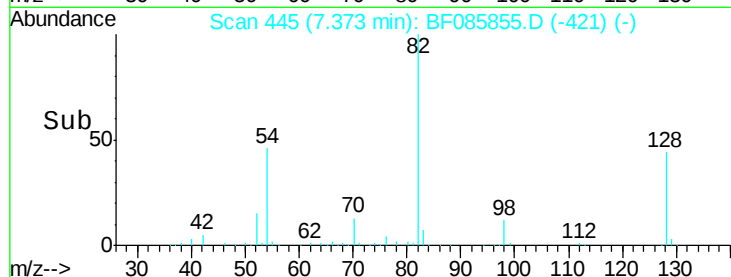
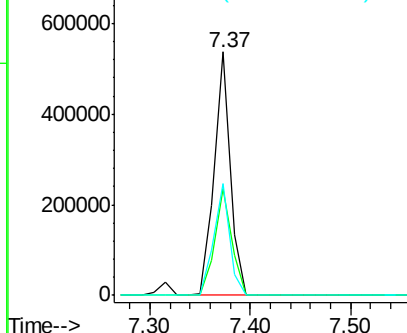
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	41.8	62.8
54	46.0	33.4	50.0

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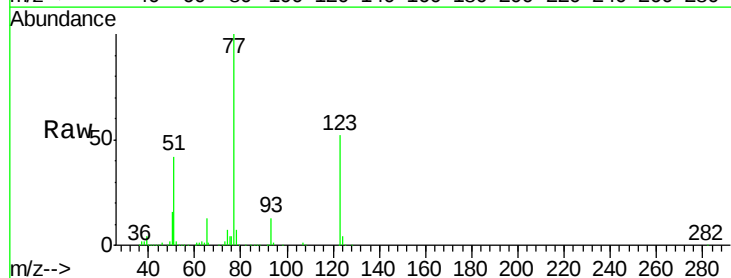


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

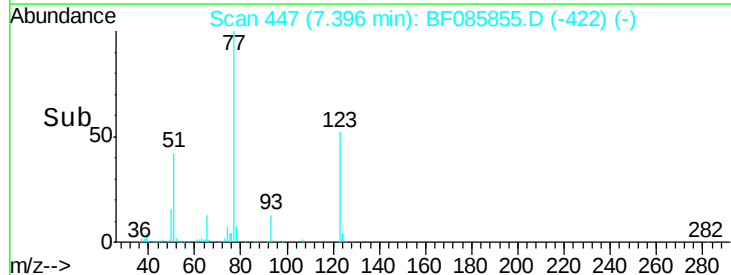
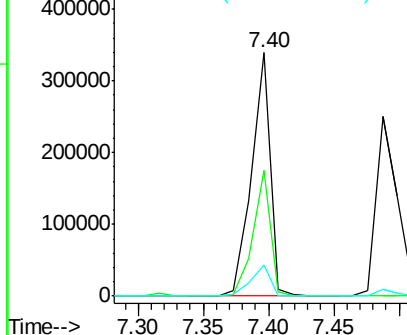


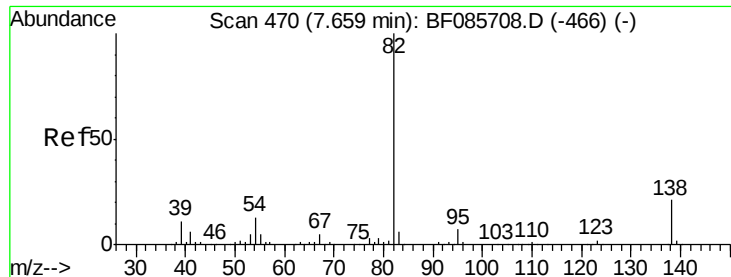
#24
 Nitrobenzene
 Concen: 39.11 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	35.0	52.4
65	12.7	10.6	16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.64 ng

RT: 7.64 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

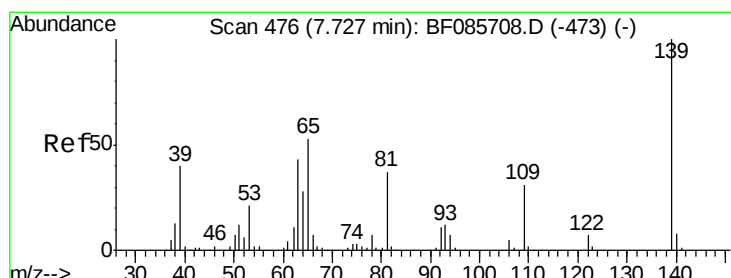
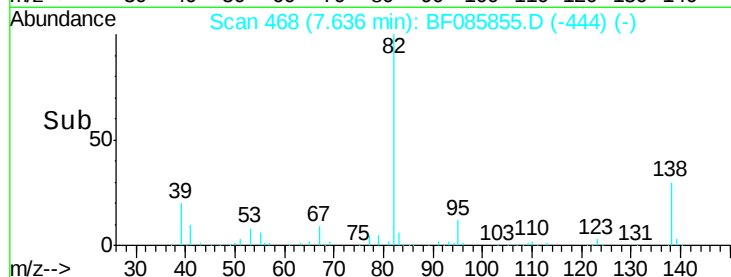
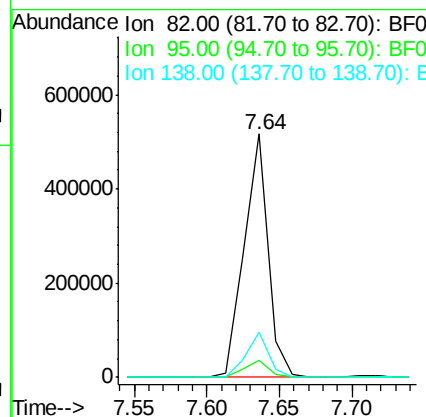
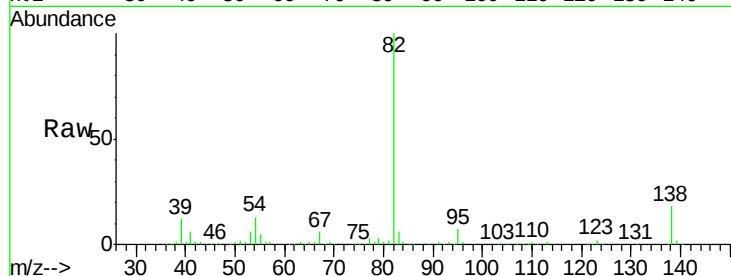
ClientSampleId :

PB89295BS

Tgt Ion:	82	Resp:	592010
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.4	8.2
138	18.5	12.9	19.3

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#26

2-Nitrophenol

Concen: 38.10 ng

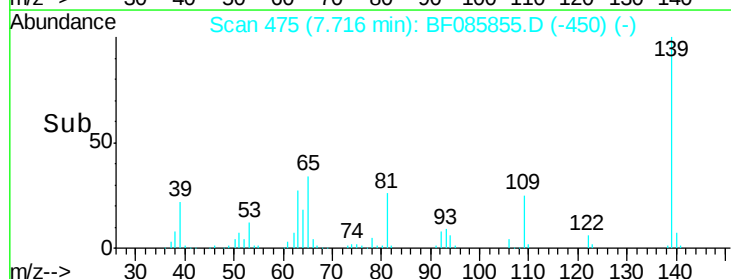
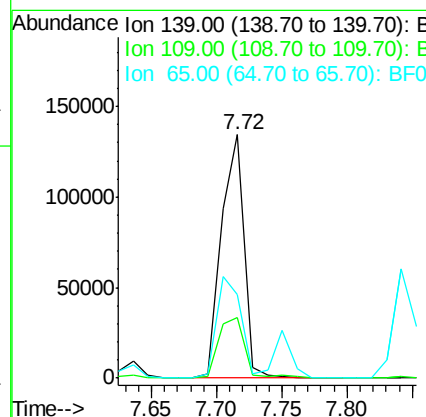
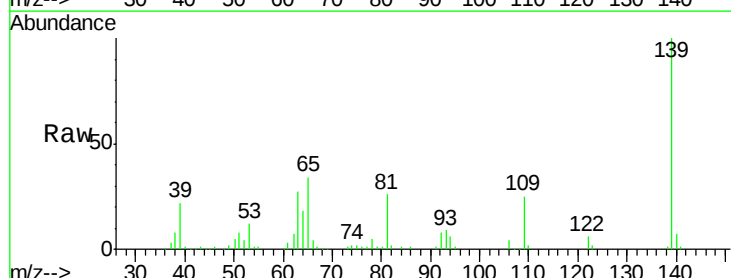
RT: 7.72 min Scan# 475

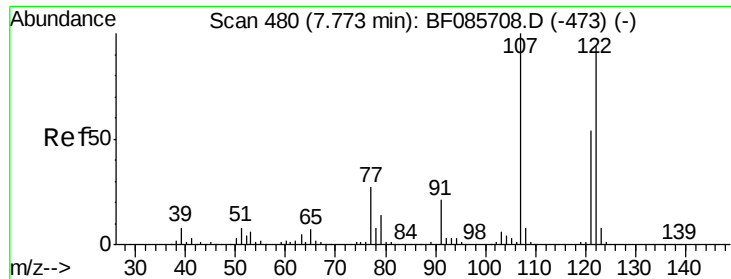
Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion:	139	Resp:	164786
Ion Ratio		Lower	Upper
139	100		
109	24.9	22.1	33.1
65	34.1	33.9	50.9





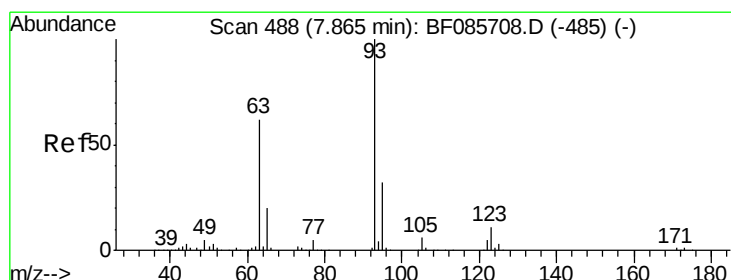
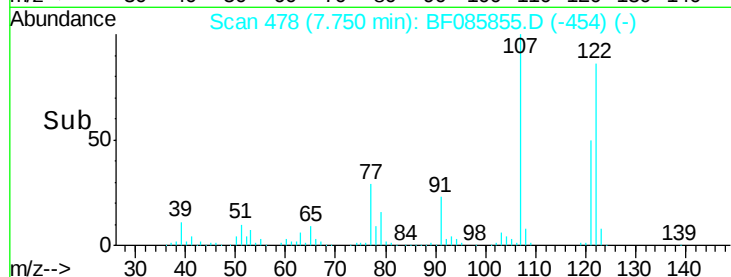
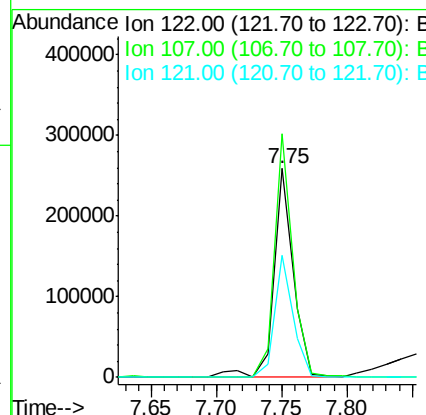
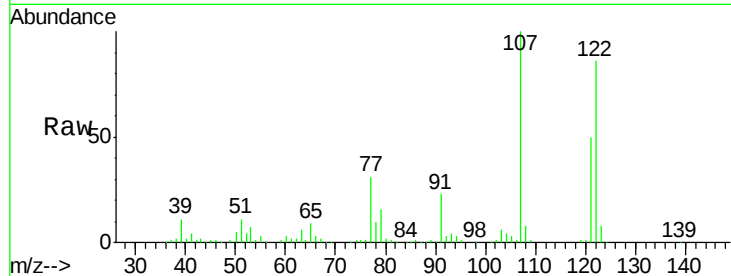
#27
 2,4-Dimethylphenol
 Concen: 35.84 ng
 RT: 7.75 min Scan# 478
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	270962		
107	116.7	93.0	139.6	
121	58.5	45.9	68.9	

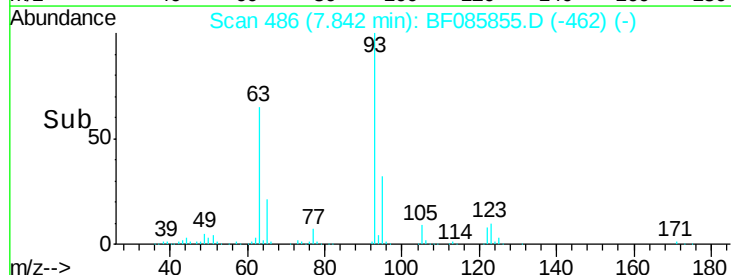
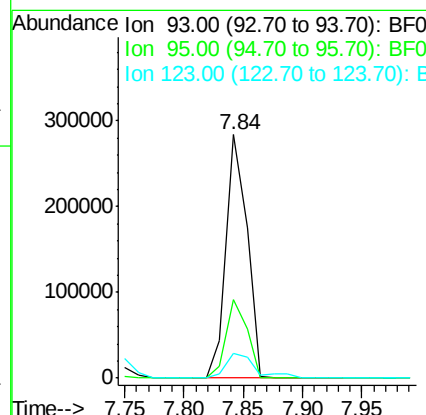
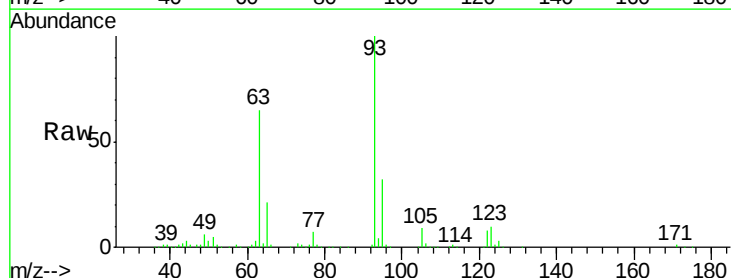
Manual Integrations
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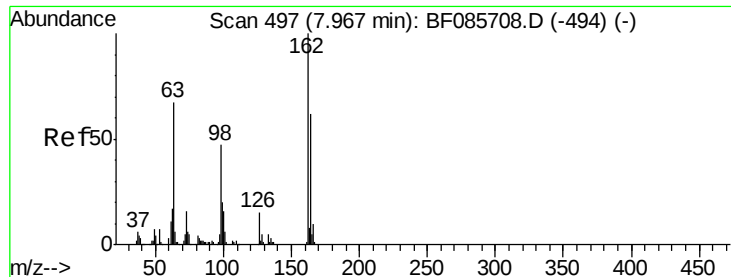
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.82 ng
 RT: 7.84 min Scan# 486
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	348149		
95	32.0	26.4	39.6	
123	10.2	9.8	14.6	





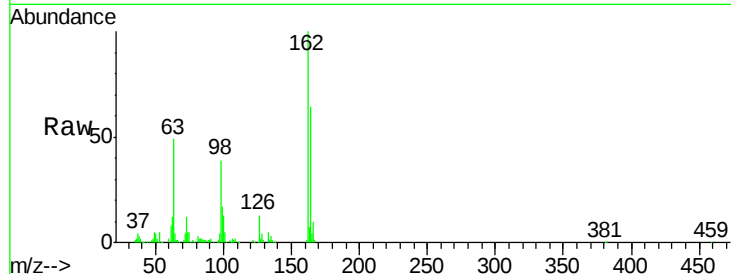
#29
 2,4-Dichlorophenol
 Concen: 39.36 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

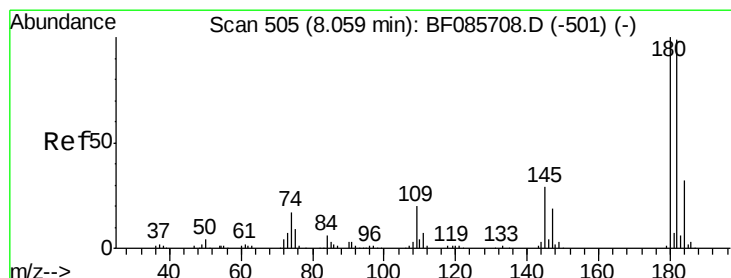
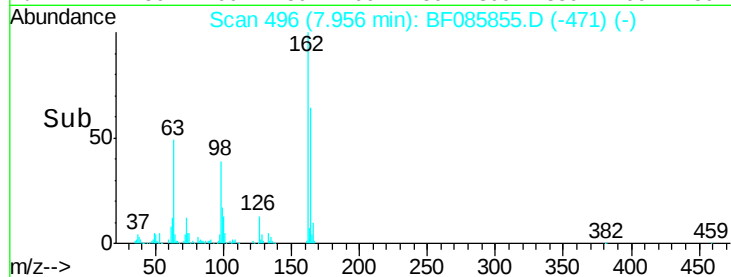
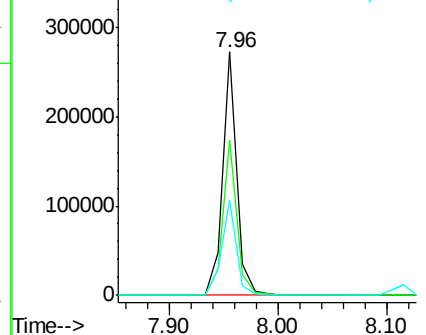
Tgt Ion:	162	Resp:	250168
Ion Ratio	Lower	Upper	
162	100		
164	64.0	43.7	83.7
98	38.9	20.4	60.4

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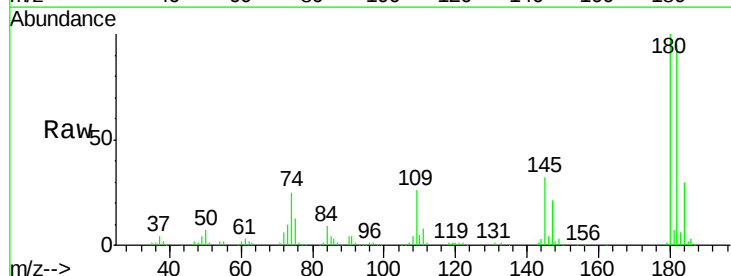


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

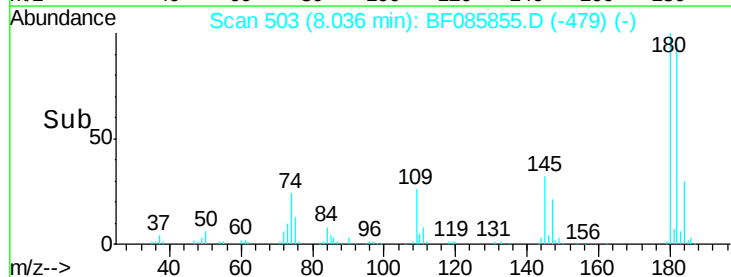
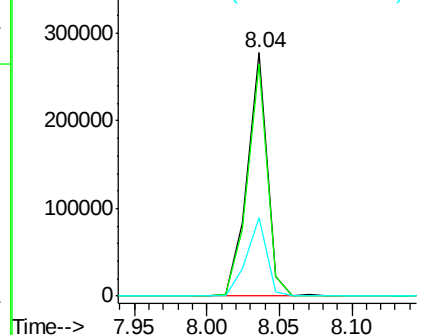


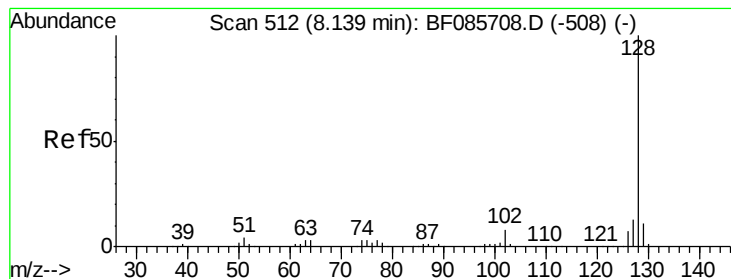
#30
 1,2,4-Trichlorobenzene
 Concen: 37.74 ng
 RT: 8.04 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion:	180	Resp:	266333
Ion Ratio	Lower	Upper	
180	100		
182	95.4	73.8	110.8
145	32.1	28.4	42.6



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.29 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

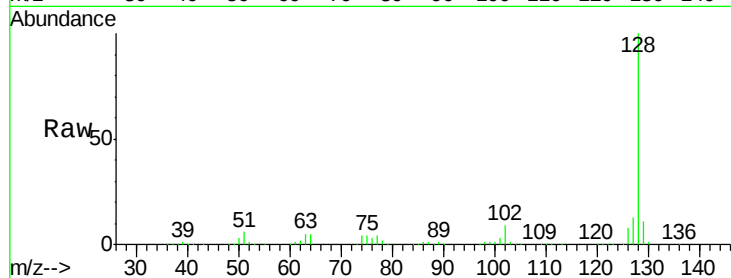
ClientSampleId :

PB89295BS

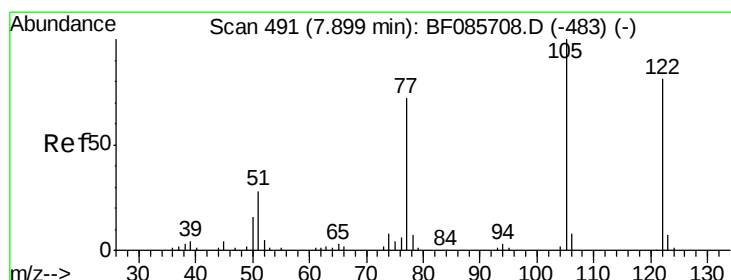
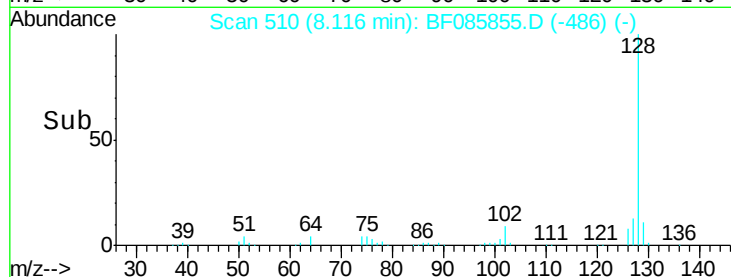
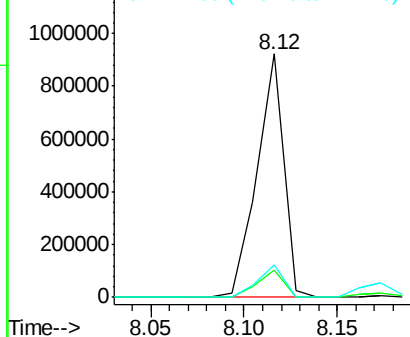
Tgt Ion:	128	Resp:	911316
Ion Ratio		Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.4	11.0	16.6

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.46 ng

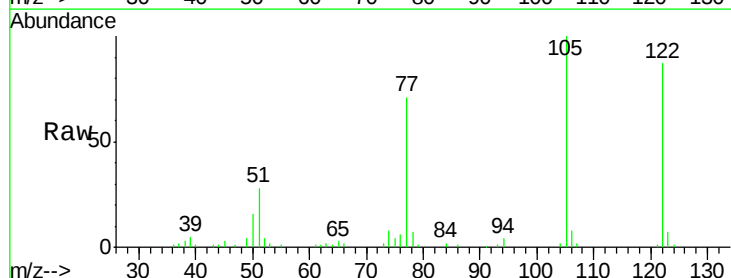
RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

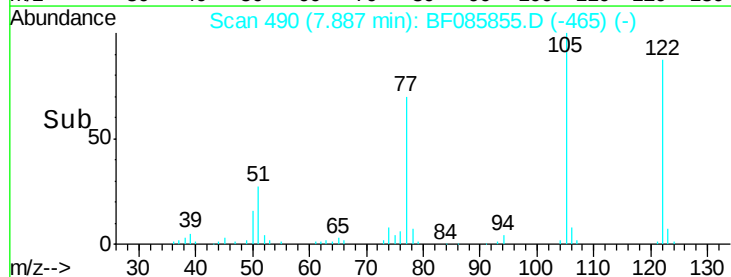
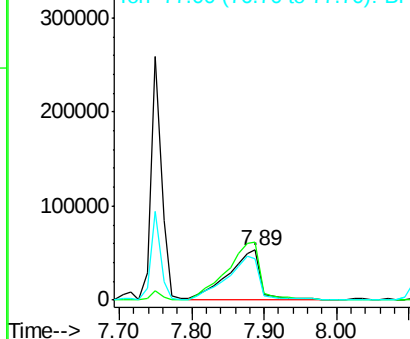
Lab File: BF085855.D

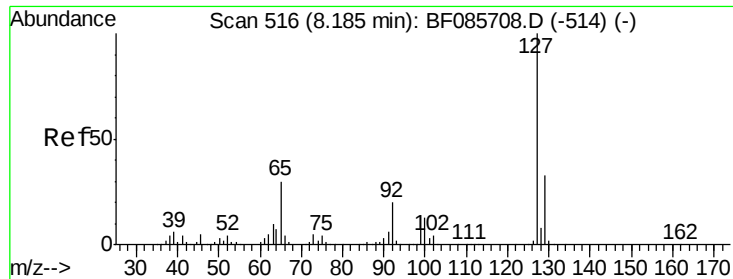
Acq: 29 Mar 2016 18:12

Tgt Ion:	122	Resp:	162994
Ion Ratio		Lower	Upper
122	100		
105	115.3	102.9	142.9
77	82.0	71.8	111.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





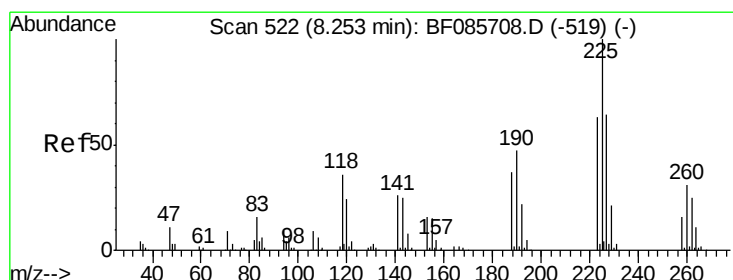
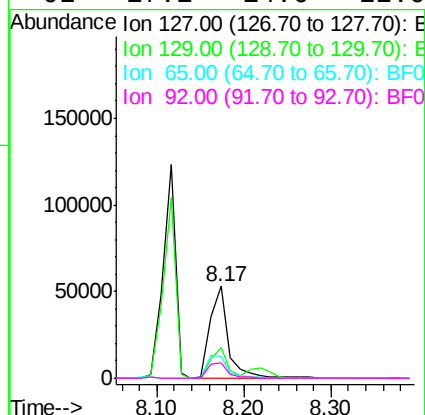
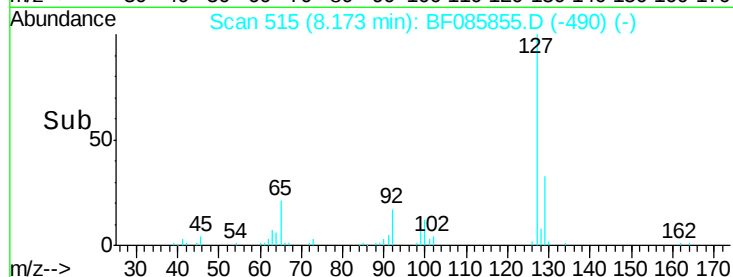
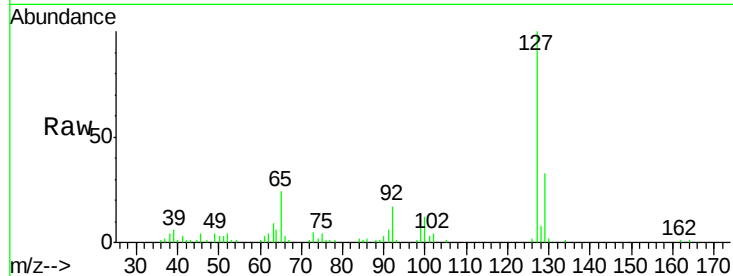
#33
4-Chloroaniline
Concen: 8.06 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	78314		
129	33.2	26.1	39.1	
65	24.3	19.5	29.3	
92	17.1	14.6	22.0	

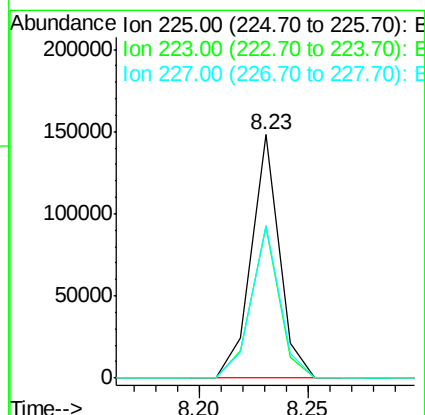
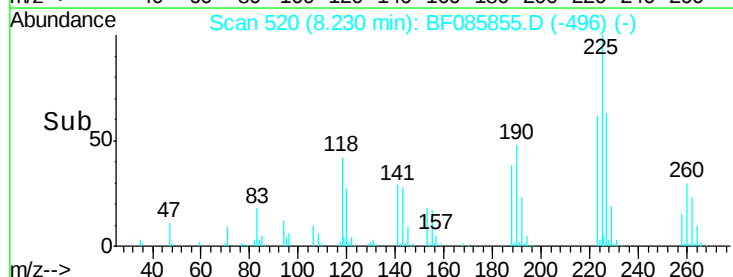
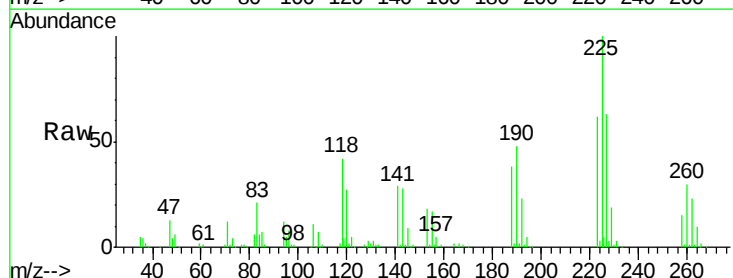
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 34.74 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	133233		
223	62.3	50.4	75.6	
227	62.6	51.4	77.2	





#35

Caprolactam

Concen: 36.84 ng m

RT: 8.54 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

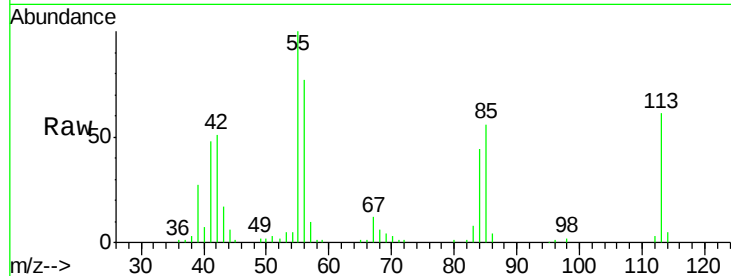
ClientSampleId :

PB89295BS

Tgt Ion:	113	Resp:	82933
Ion Ratio	Lower	Upper	
113	100		
55	165.1	139.4	179.4
56	126.3	100.4	140.4

Manual Integrations
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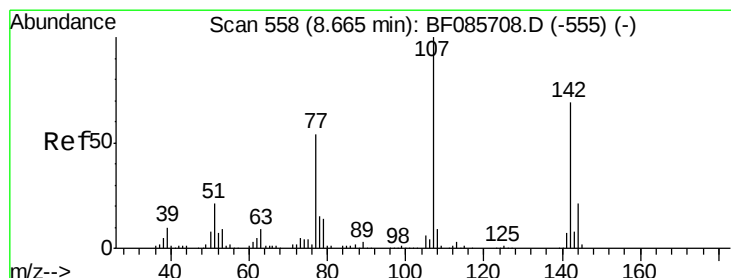
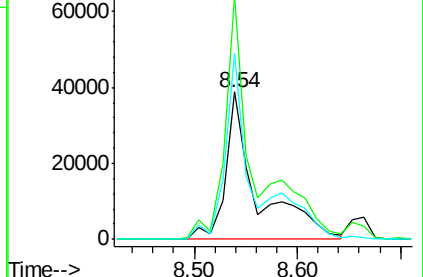
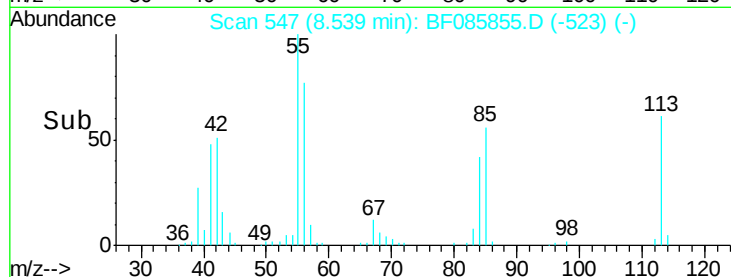
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.03 ng

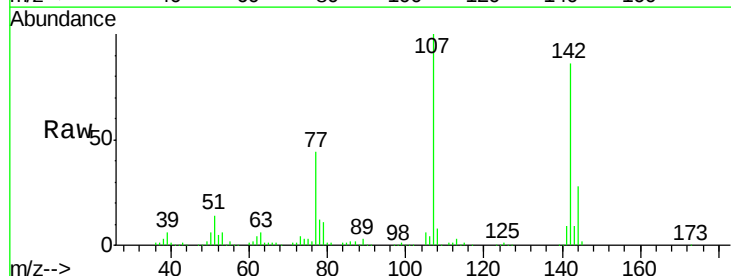
RT: 8.66 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

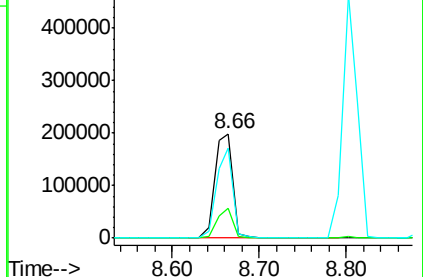
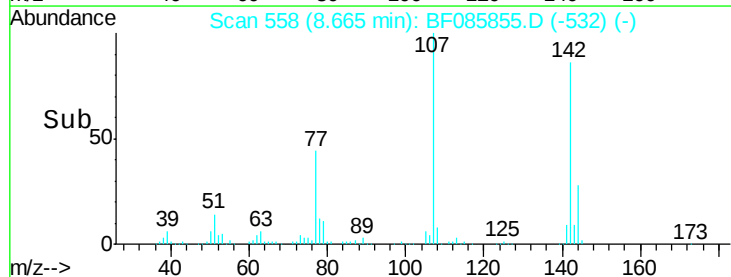
Tgt Ion:	107	Resp:	289802
Ion Ratio	Lower	Upper	
107	100		
144	28.3	19.3	28.9
142	86.1	61.4	92.0

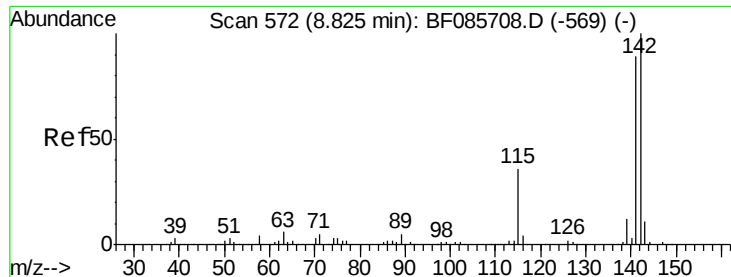


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





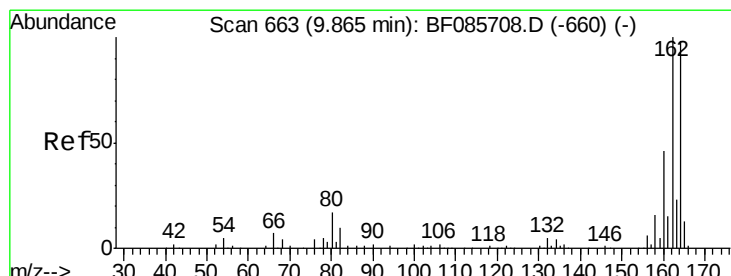
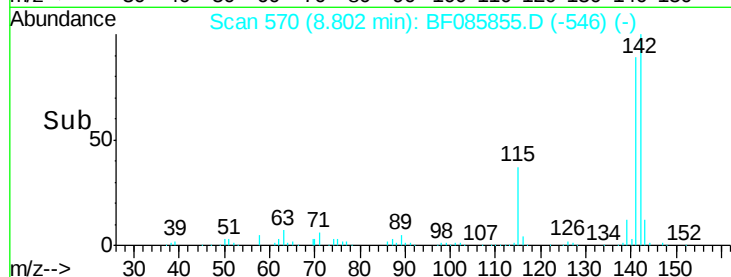
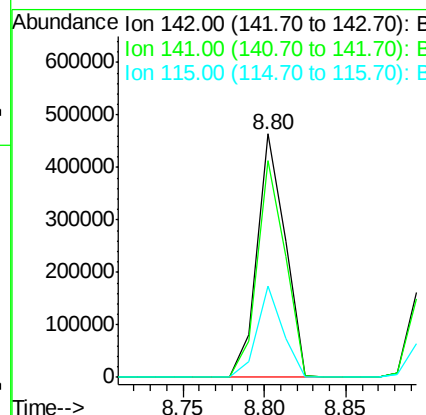
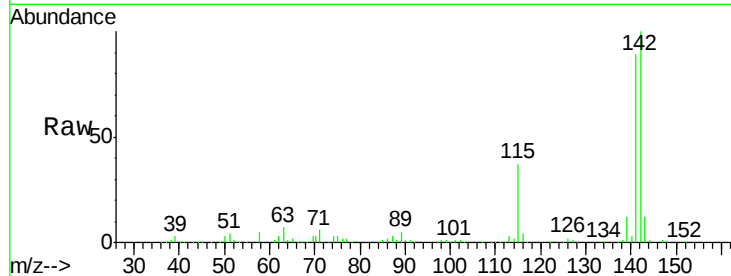
#37
 2-Methylnaphthalene
 Concen: 38.60 ng
 RT: 8.80 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.6	107.4
115	37.5	26.8	40.2

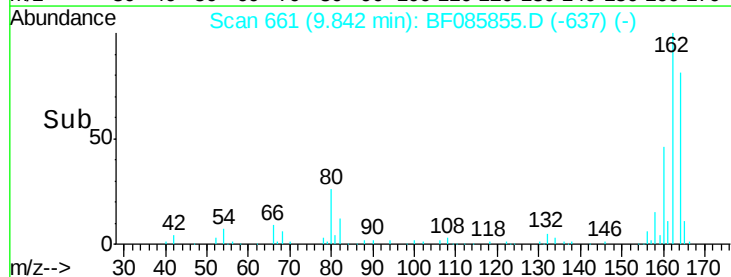
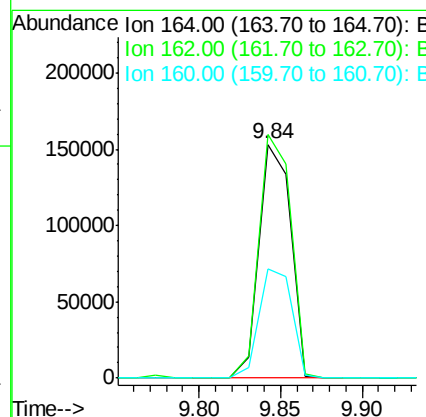
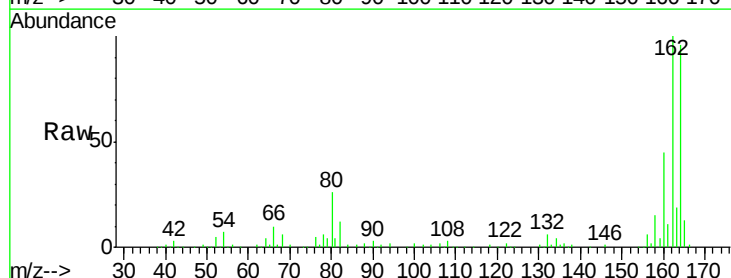
Manual Integrations
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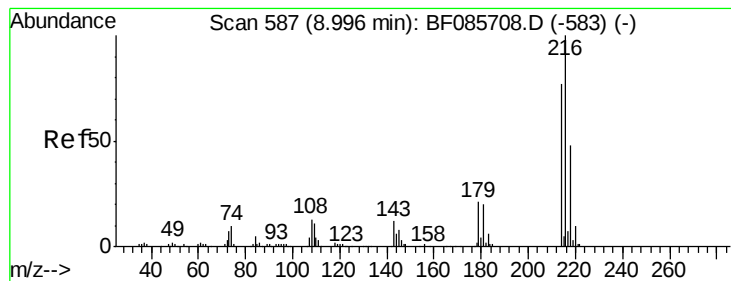
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.1	123.1
160	47.0	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.99 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF085855.D

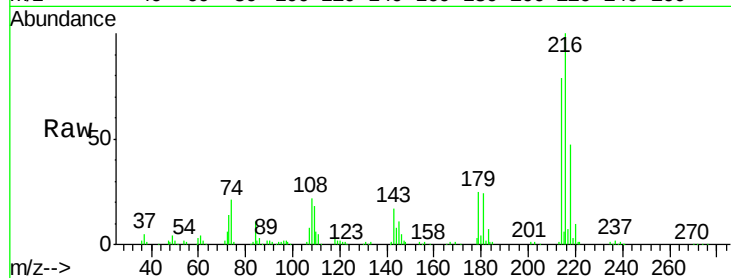
Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS



Tgt Ion:216 Resp: 233753

Ion Ratio Lower Upper

216 100

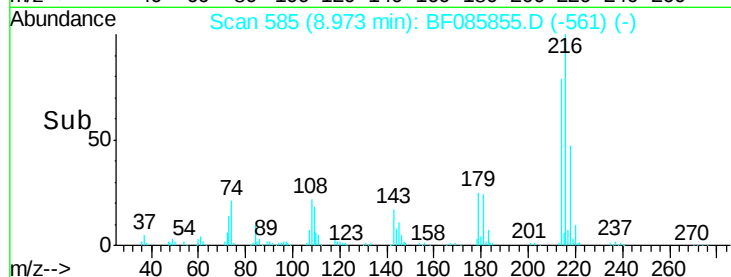
214 78.8 63.1 94.7

179 23.7 18.2 27.2

108 24.4 17.3 25.9

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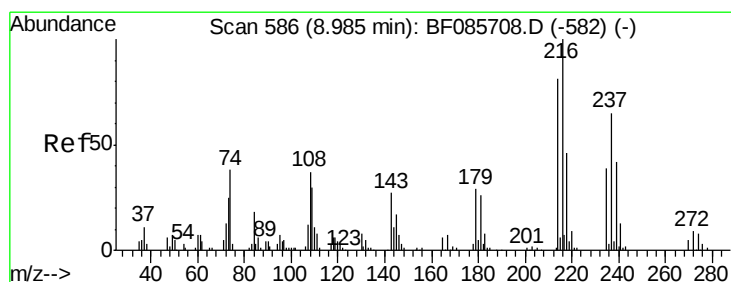
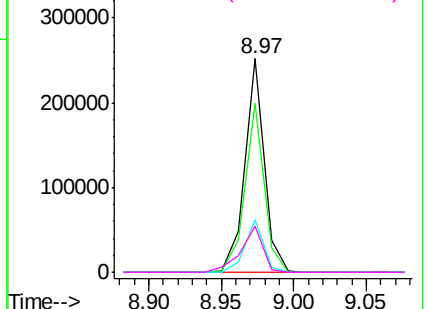


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.55 ng

RT: 8.96 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

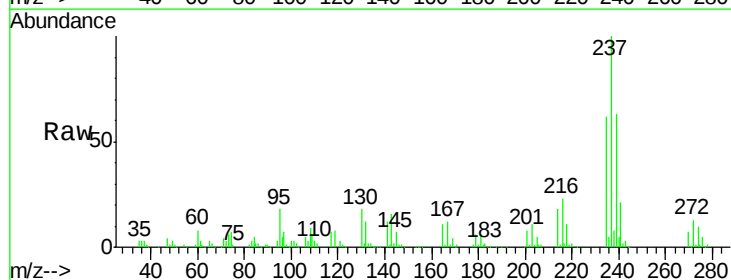
Tgt Ion:237 Resp: 192254

Ion Ratio Lower Upper

237 100

235 62.5 43.7 83.7

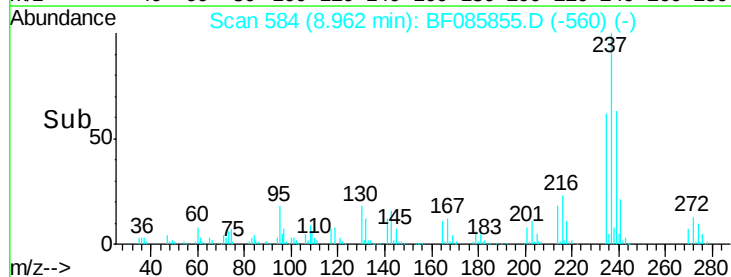
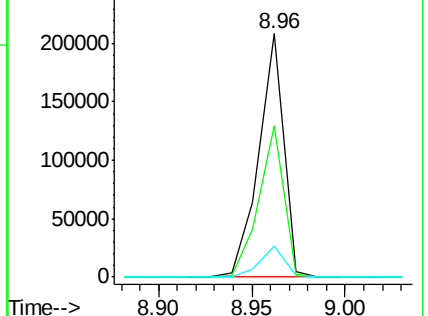
272 13.0 0.0 31.9

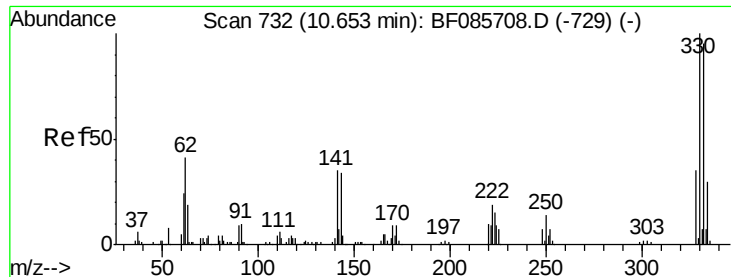


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





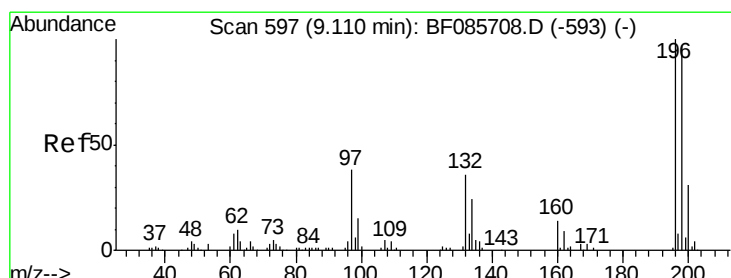
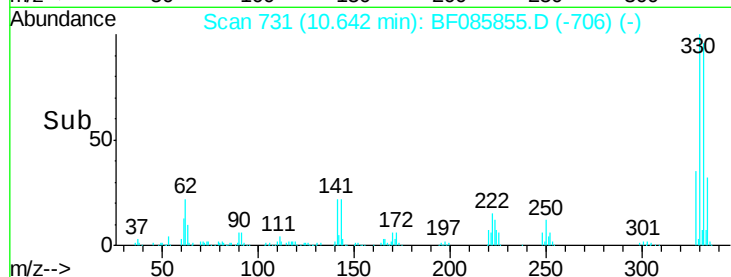
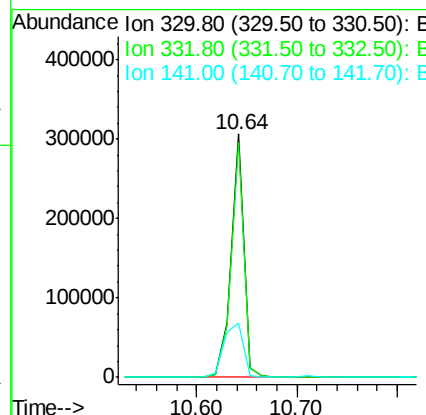
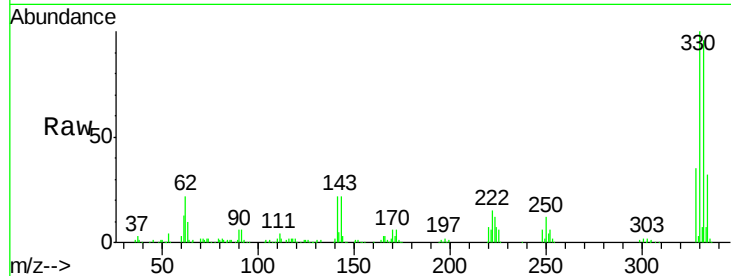
#41
 2,4,6-Tribromophenol
 Concen: 137.61 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	271279		
332	96.4	78.2	117.2	
141	34.1	31.5	47.3	

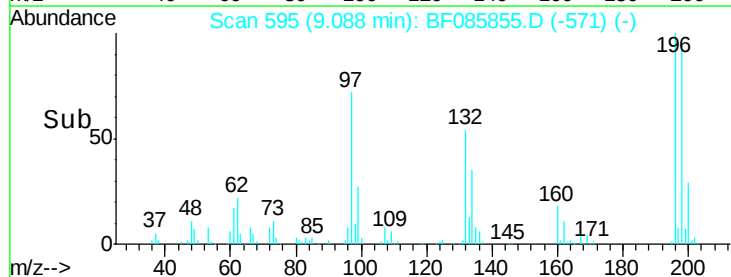
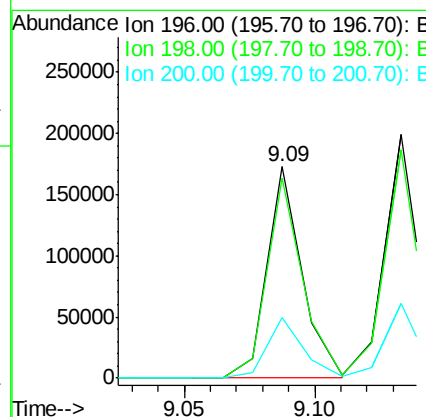
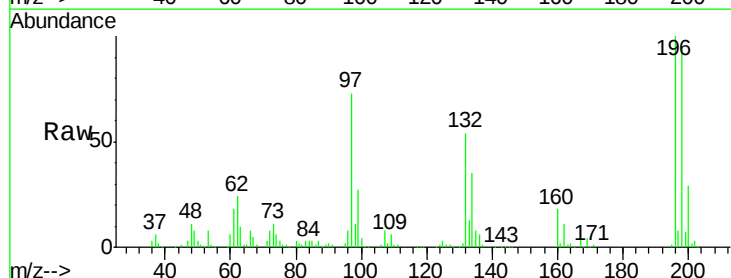
Manual Integrations
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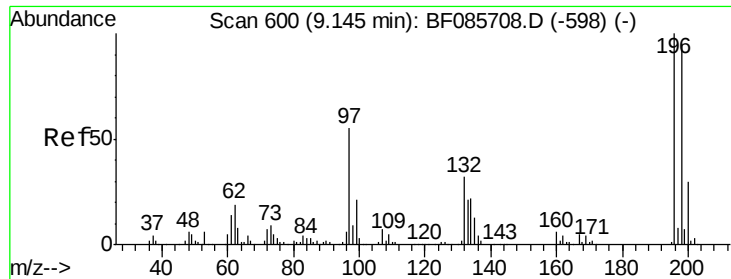
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#42
 2,4,6-Trichlorophenol
 Concen: 39.09 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162428		
198	94.9	75.3	112.9	
200	28.8	23.7	35.5	





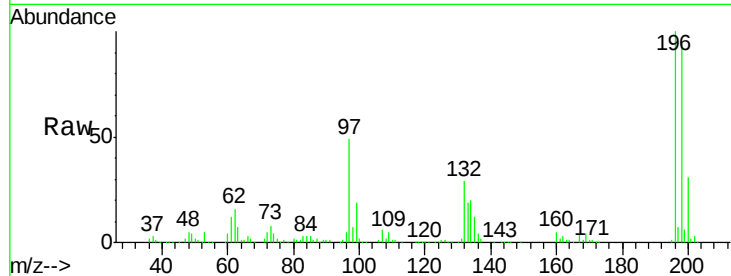
#43
 2,4,5-Trichlorophenol
 Concen: 41.03 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178814		
198	93.6	76.6	114.8	
97	48.7	30.5	45.7	
132	29.5	20.2	30.2	

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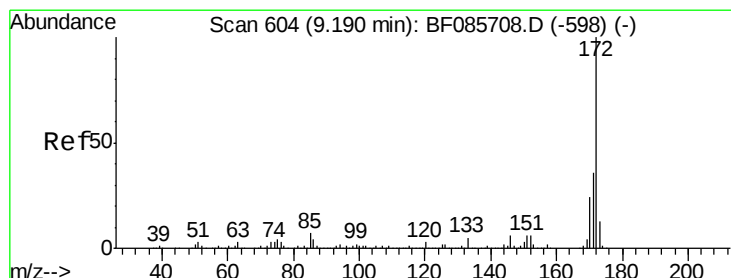
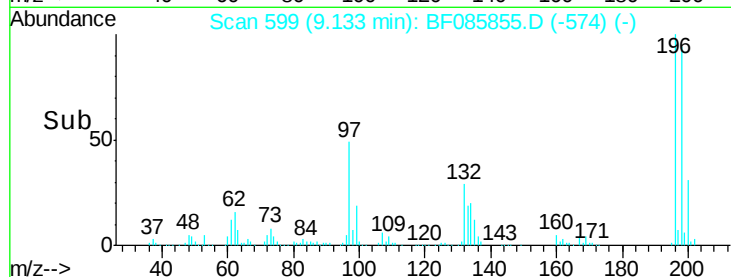
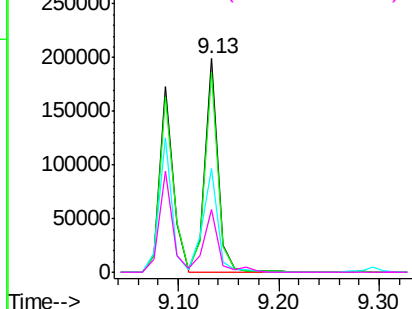
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

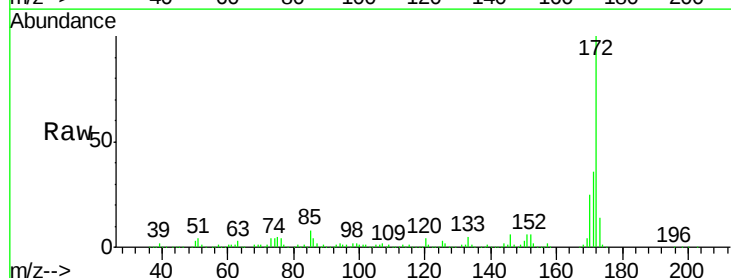
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.92 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1029805		
171	36.1	29.4	44.2	
170	24.5	19.8	29.6	

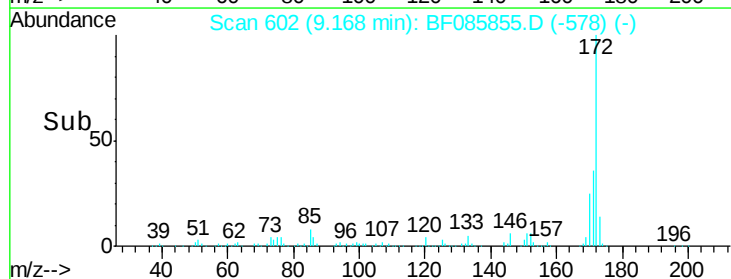
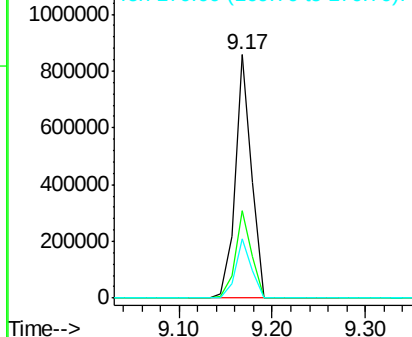


Abundance

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: 38.15 ng

RT: 9.27 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

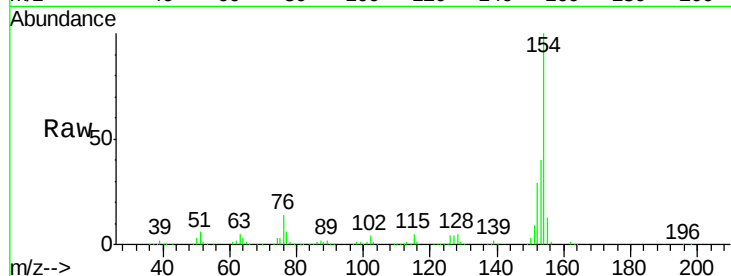
ClientSampleId :

PB89295BS

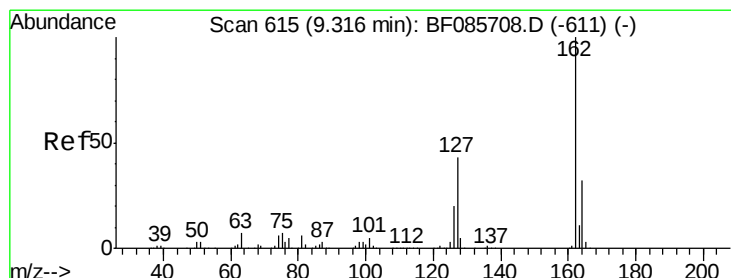
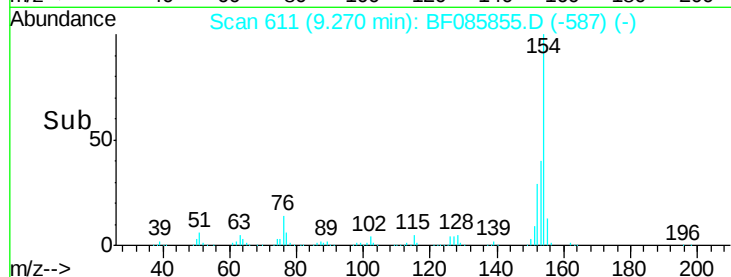
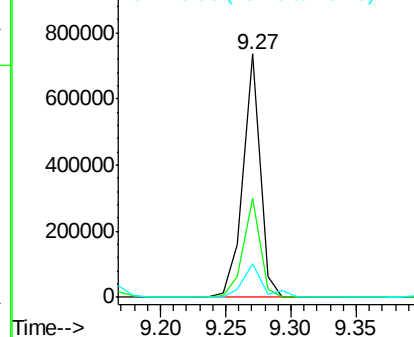
Tgt Ion:	154	Resp:	667903
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.8	60.8
76	13.6	0.0	36.7

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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: 38.72 ng

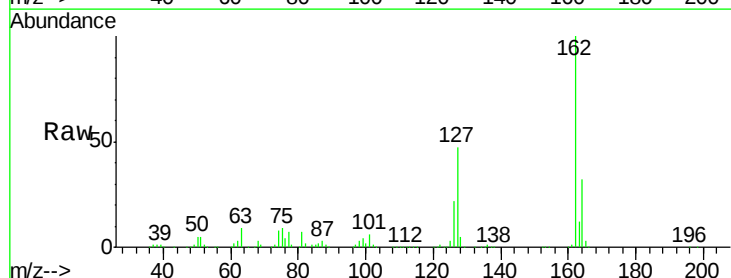
RT: 9.29 min Scan# 613

Delta R.T. -0.02 min

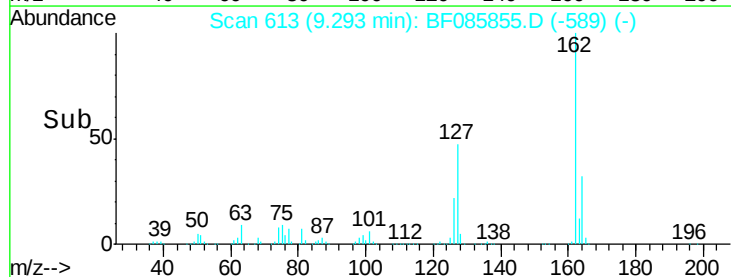
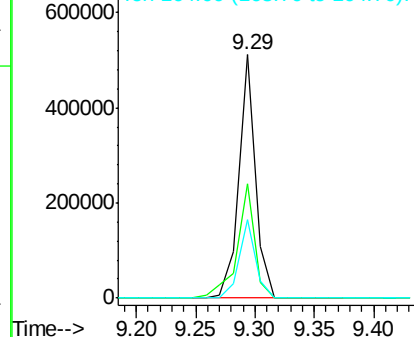
Lab File: BF085855.D

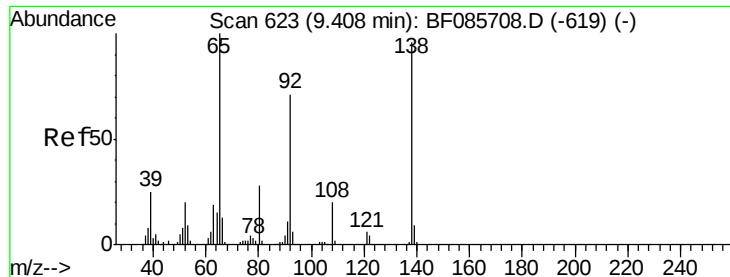
Acq: 29 Mar 2016 18:12

Tgt Ion:	162	Resp:	498519
Ion Ratio	Lower	Upper	
162	100		
127	47.2	31.7	47.5
164	32.5	27.3	40.9



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: 42.81 ng

RT: 9.40 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

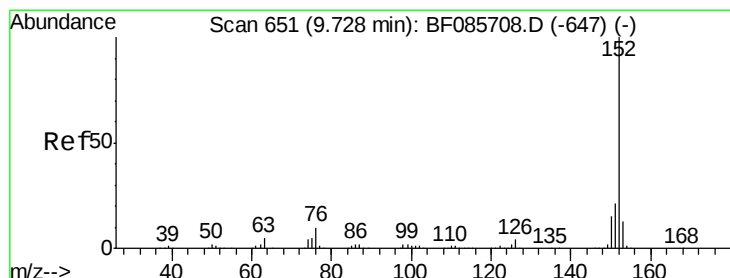
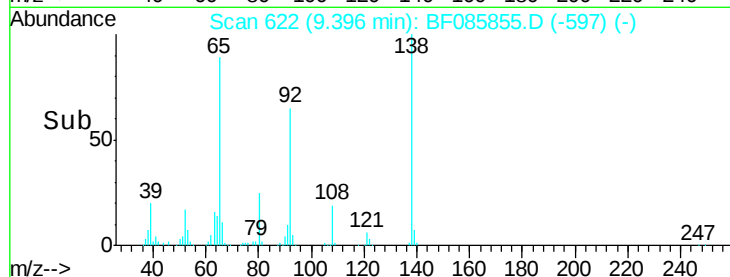
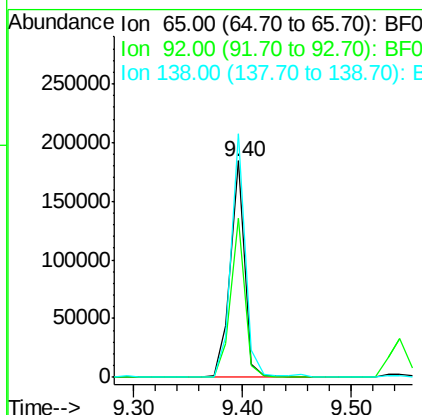
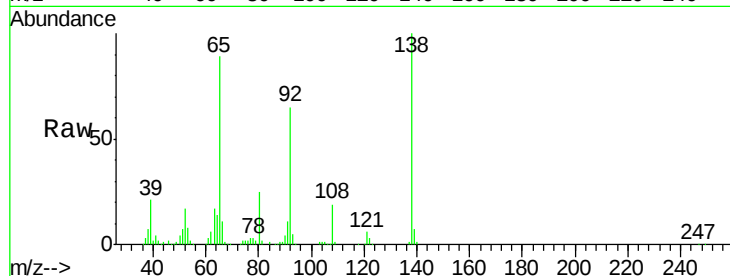
ClientSampleId :

PB89295BS

Tgt Ion:	65	Resp:	168530
Ion Ratio	Lower	Upper	
65	100		
92	73.4	59.7	89.5
138	112.5	91.4	137.0

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#48

Acenaphthylene

Concen: 39.13 ng

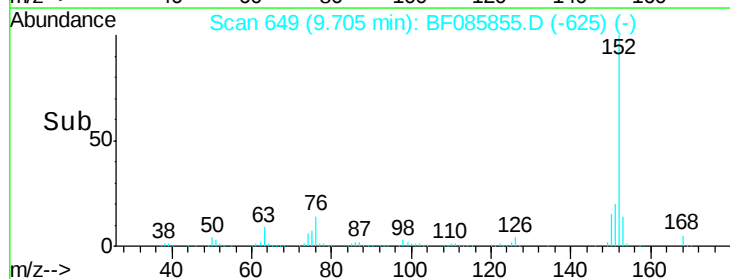
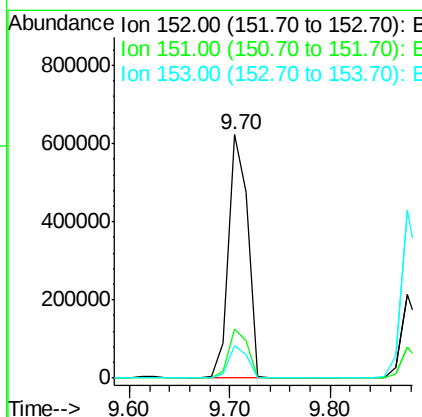
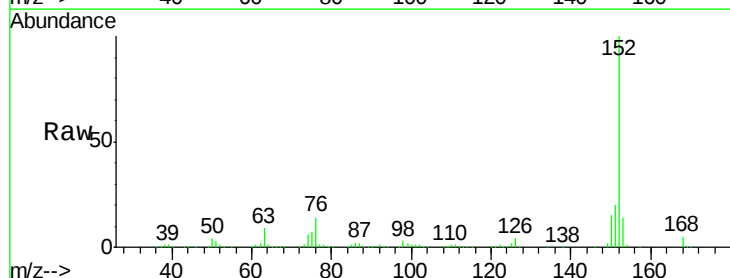
RT: 9.70 min Scan# 649

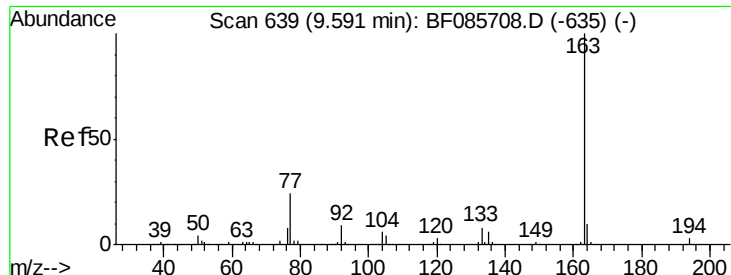
Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion:	152	Resp:	820898
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.8	25.2
153	13.5	10.9	16.3





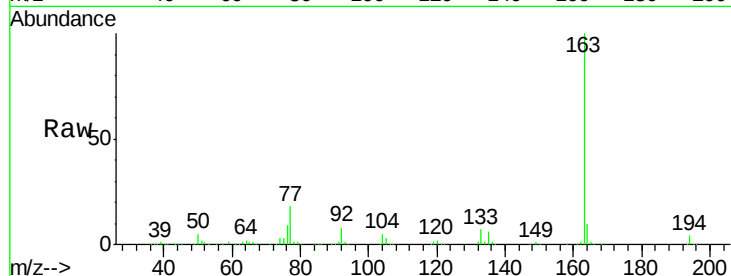
#49
Dimethylphthalate
Concen: 41.54 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

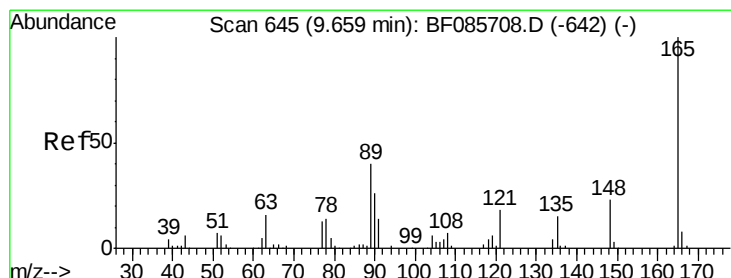
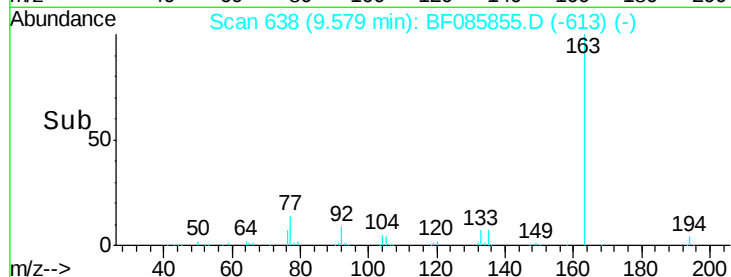
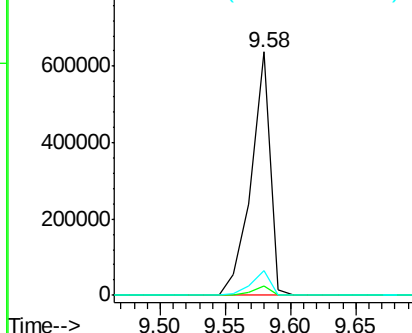
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.9	4.3
164	10.1	8.3	12.5

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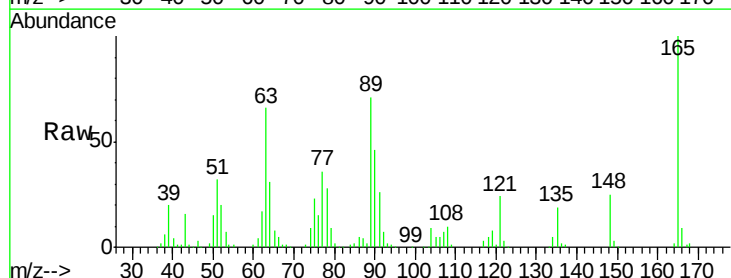


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

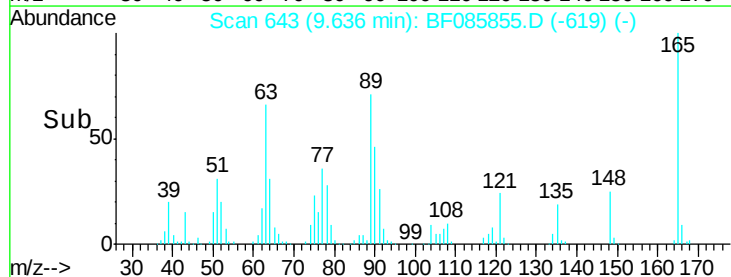
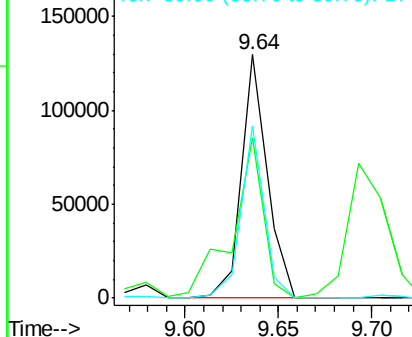


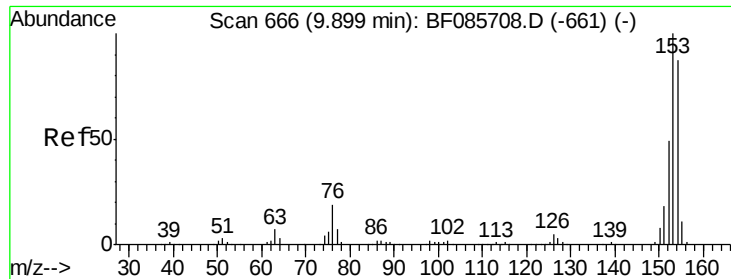
#50
2,6-Dinitrotoluene
Concen: 37.11 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	65.9	51.8	77.8
89	70.7	53.7	80.5



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: 38.01 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085855.D

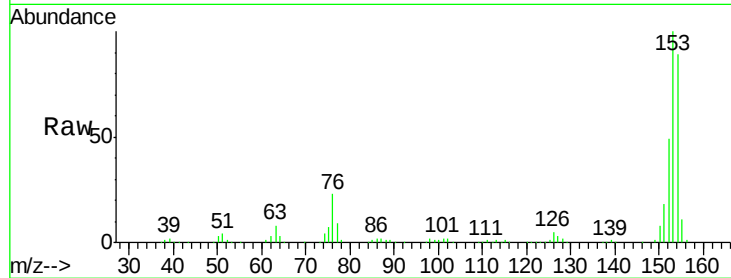
Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

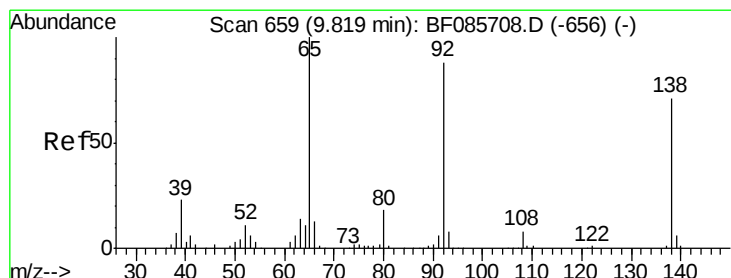
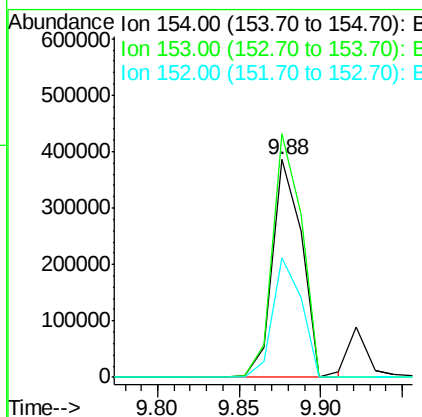
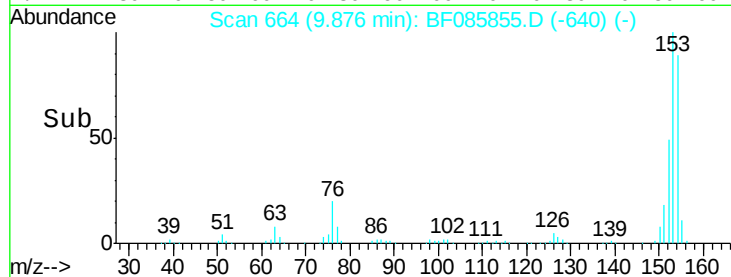
PB89295BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	487009		
153	111.9	90.1	135.1	
152	55.1	44.2	66.2	

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#52

3-Nitroaniline

Concen: 15.28 ng

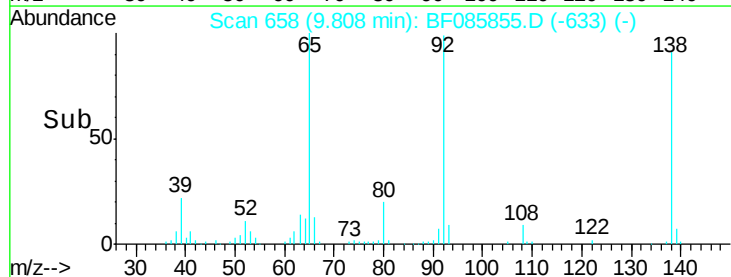
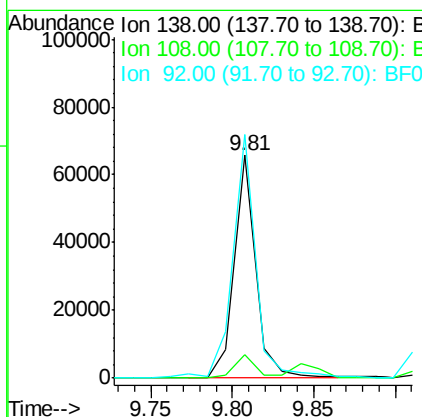
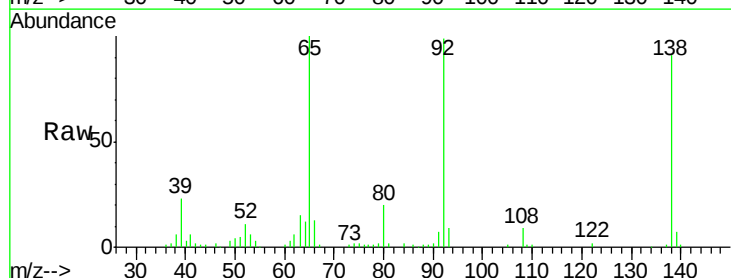
RT: 9.81 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	59247		
108	10.3	8.7	13.1	
92	109.2	93.3	139.9	





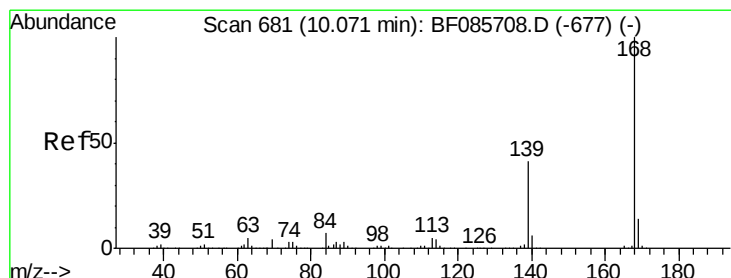
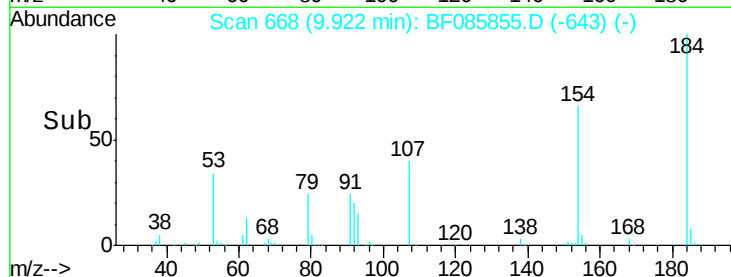
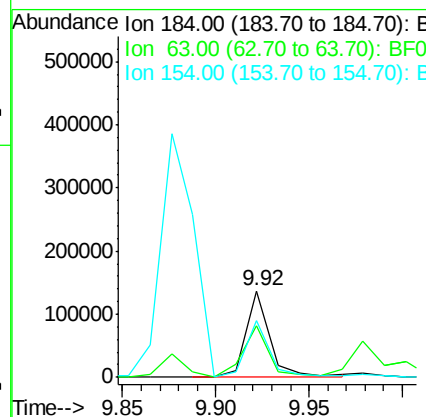
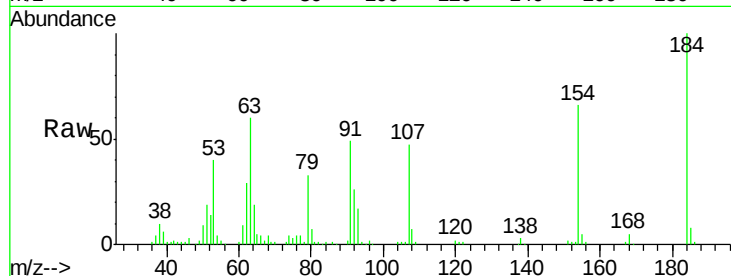
#53
 2,4-Dinitrophenol
 Concen: 72.47 ng
 RT: 9.92 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleID :
 PB89295BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	123017		
63	59.6	69.5	104.3#	
154	66.0	58.3	87.5	

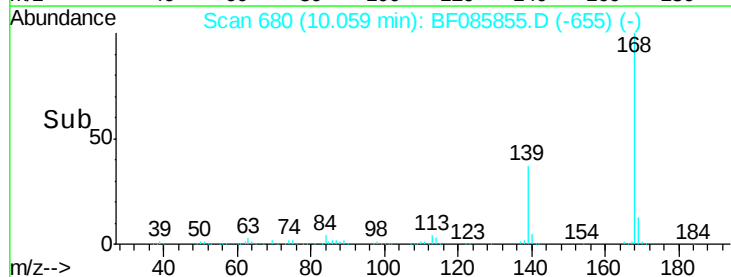
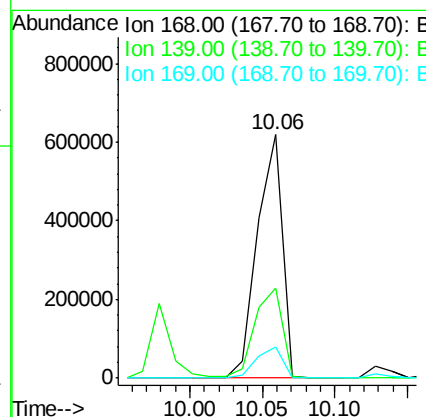
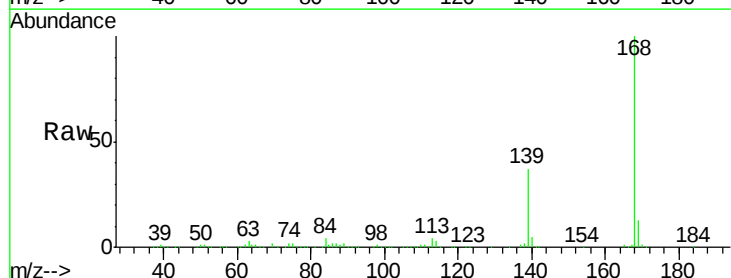
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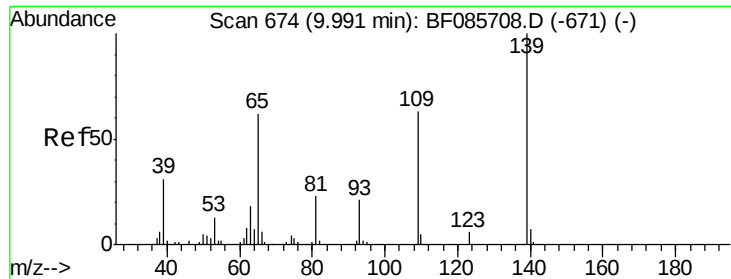
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#54
 Dibenzofuran
 Concen: 44.60 ng
 RT: 10.06 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	739713		
139	37.0	31.9	47.9	
169	13.0	11.0	16.6	





#55

4-Nitrophenol

Concen: 73.76 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

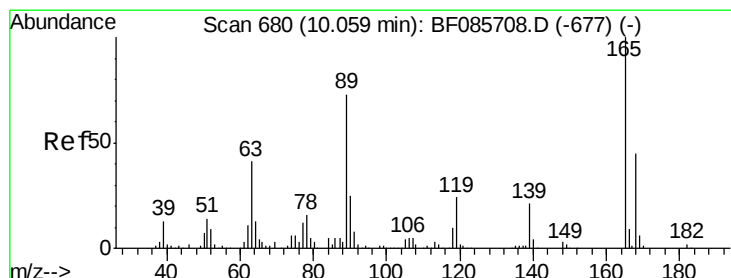
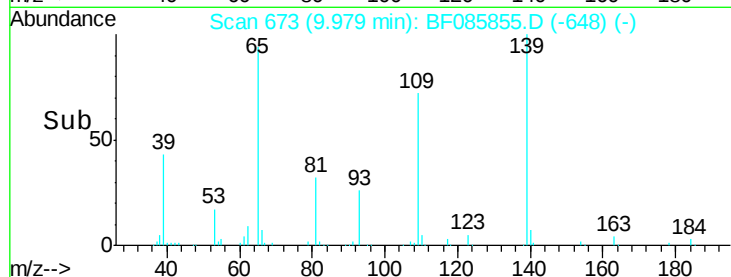
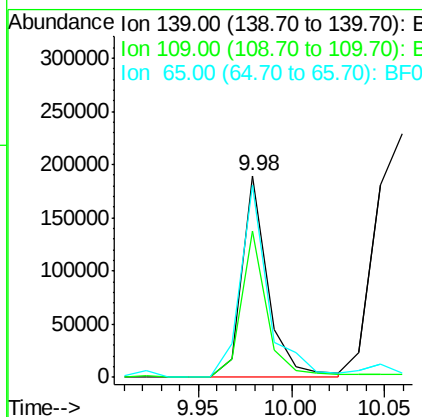
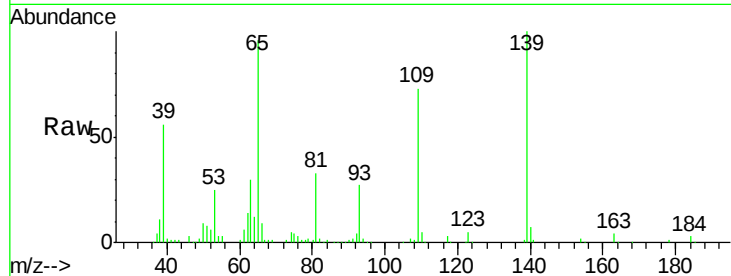
ClientSampleId :

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Tgt Ion:	139	Resp:	186368
Ion Ratio	Lower	Upper	
139	100		
109	72.6	49.2	89.2
65	95.8	66.9	106.9

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#56

2,4-Dinitrotoluene

Concen: 43.78 ng

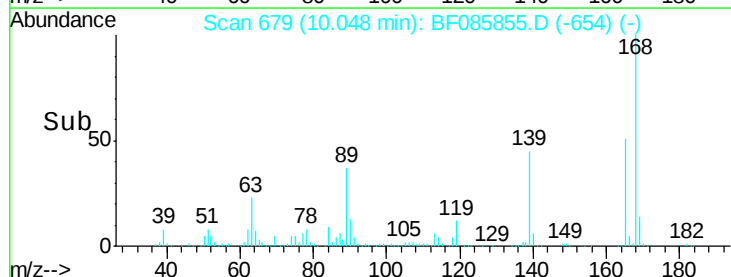
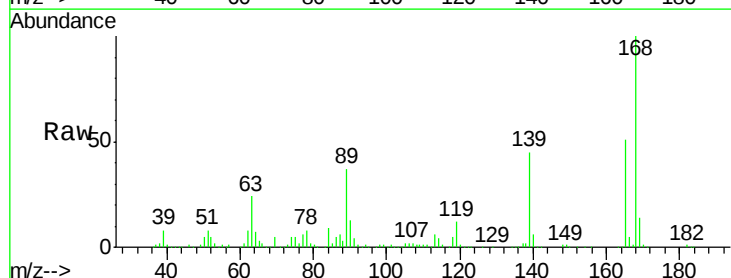
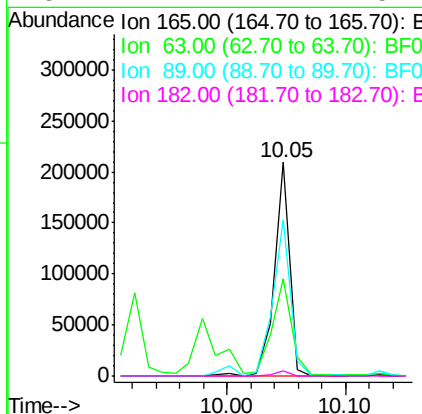
RT: 10.05 min Scan# 679

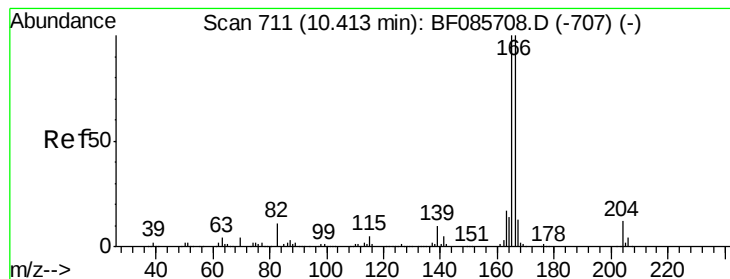
Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion:	165	Resp:	188555
Ion Ratio	Lower	Upper	
165	100		
63	45.8	24.9	37.3#
89	72.9	41.0	61.6#
182	2.7	2.1	3.1





#57

Fluorene

Concen: 39.40 ng

RT: 10.39 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

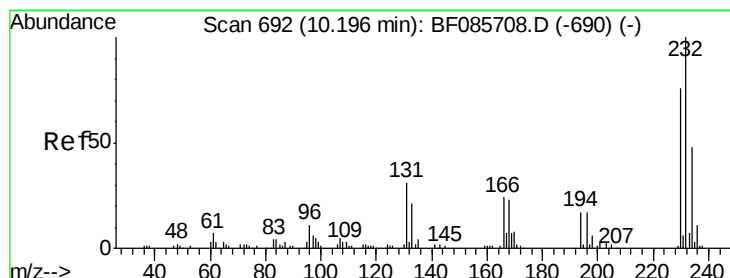
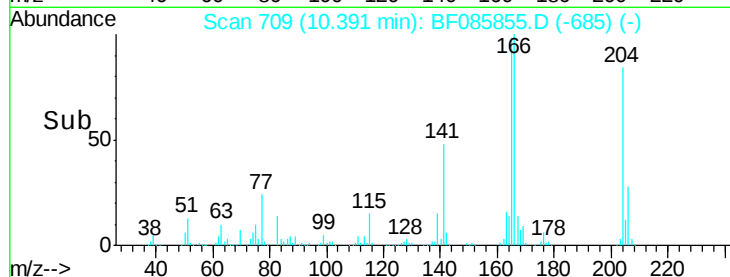
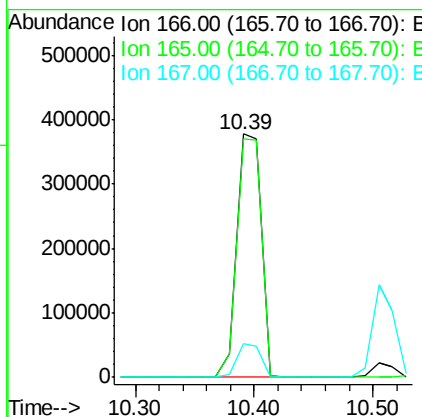
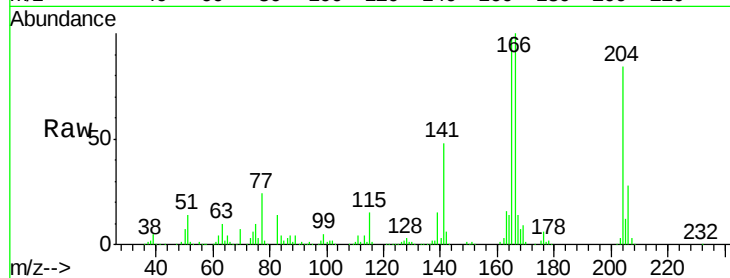
ClientSampleId :

PB89295BS

Tgt Ion:	166	Resp:	543121
Ion Ratio	Lower	Upper	
166	100		
165	98.2	79.4	119.0
167	13.8	11.0	16.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.26 ng

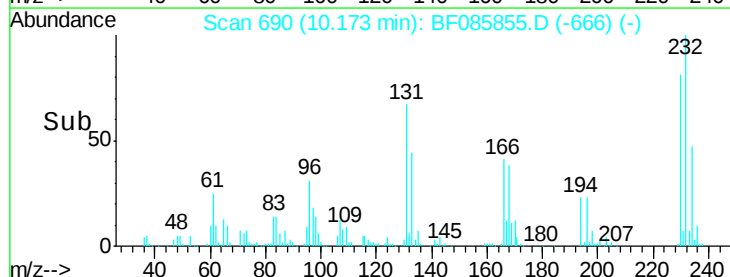
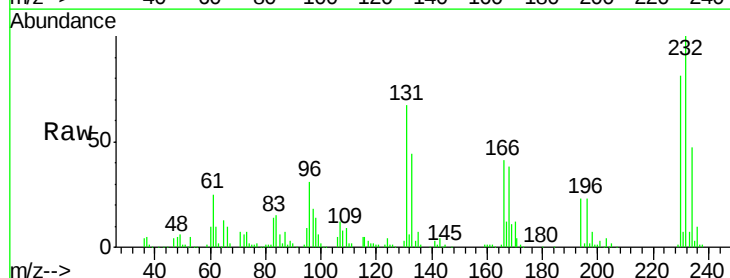
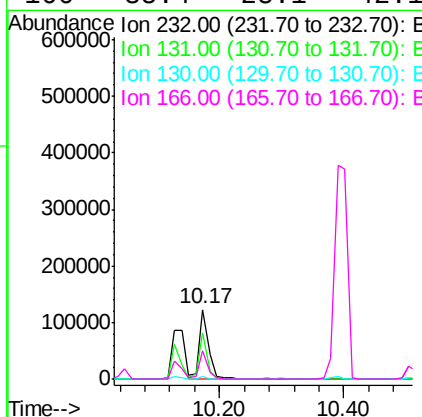
RT: 10.17 min Scan# 690

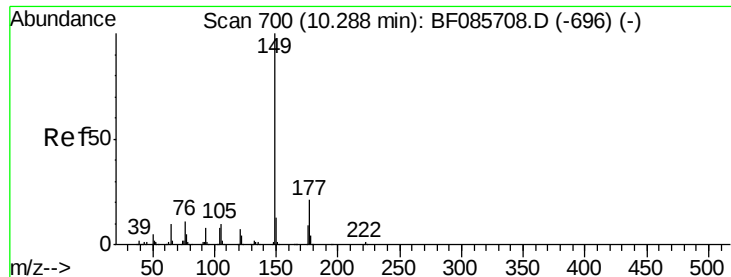
Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion:	232	Resp:	127993
Ion Ratio	Lower	Upper	
232	100		
131	58.0	44.9	67.3
130	2.8	2.3	3.5
166	35.4	28.1	42.1





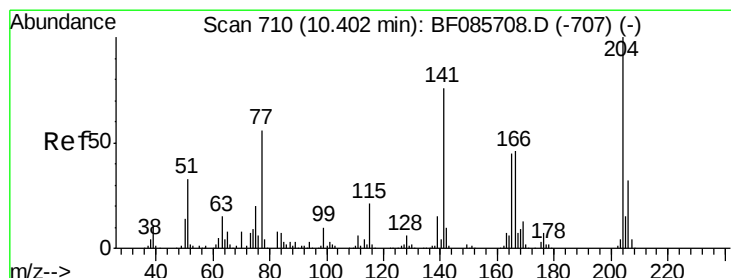
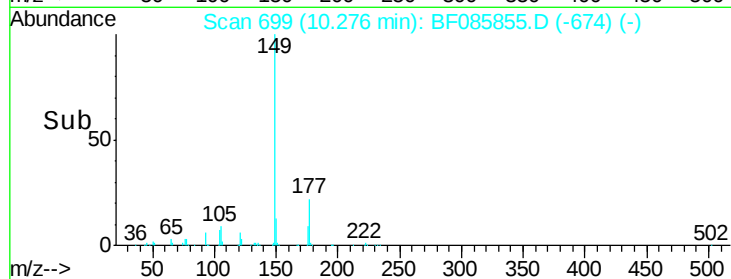
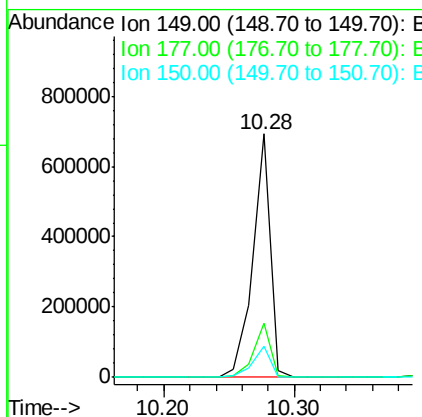
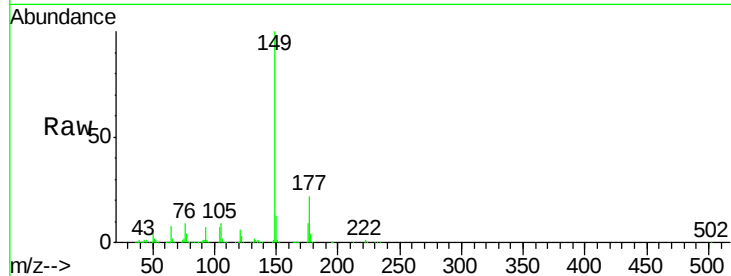
#59
Diethylphthalate
Concen: 41.59 ng
RT: 10.28 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	646882		
177	22.5	17.9	26.9	
150	12.5	10.2	15.2	

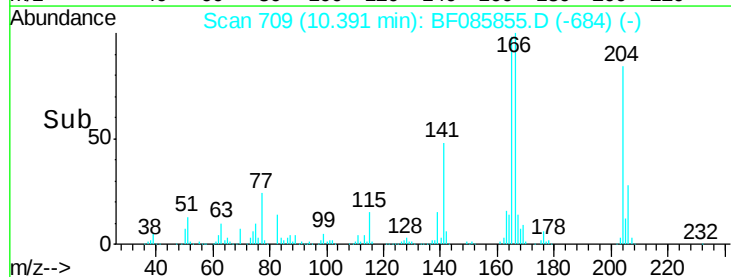
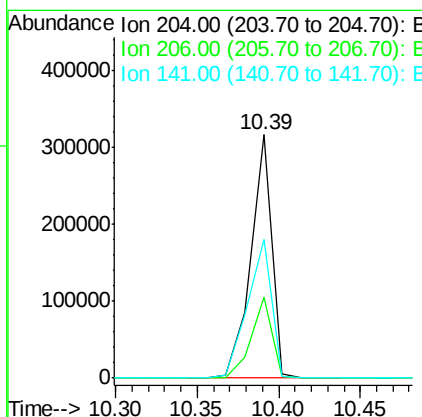
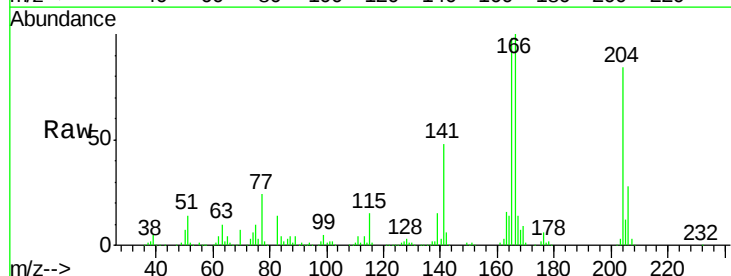
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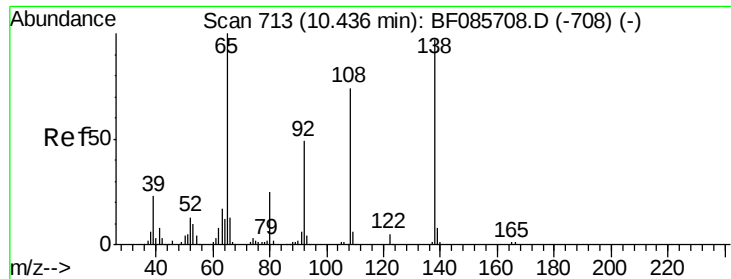
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 41.75 ng
RT: 10.39 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	281408		
206	33.1	26.6	39.8	
141	56.8	57.4	86.0	





#61

4-Nitroaniline

Concen: 41.38 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF085855.D

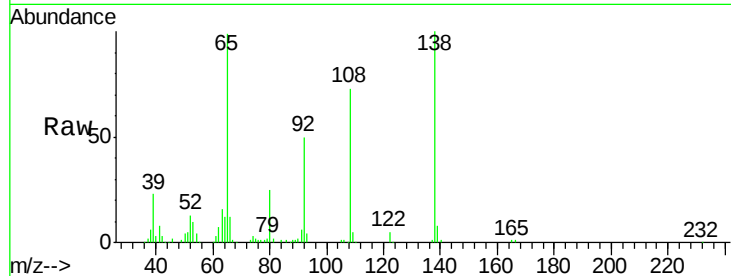
Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

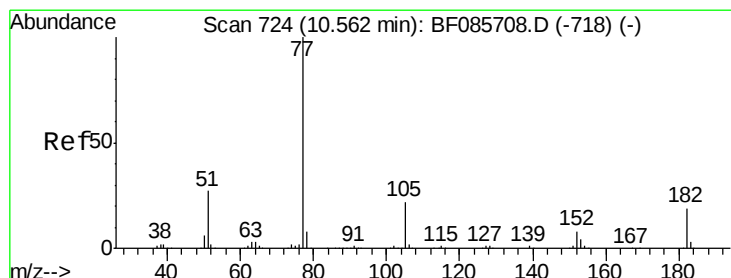
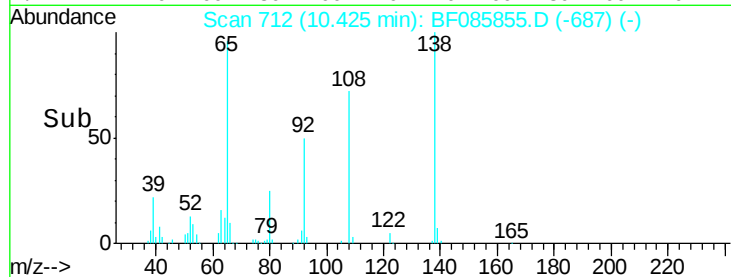
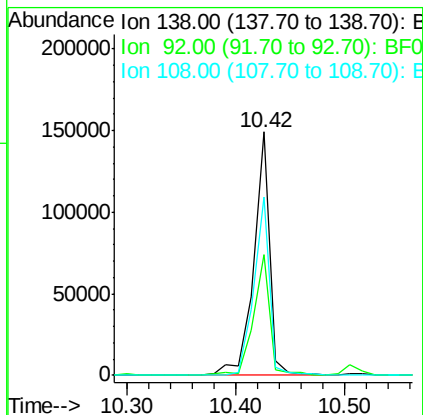
PB89295BS



Tgt Ion:	138	Resp:	153506
Ion Ratio	Lower	Upper	
138	100		
92	49.7	26.4	66.4
108	73.1	49.0	89.0

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#62

Azobenzene

Concen: 46.35 ng

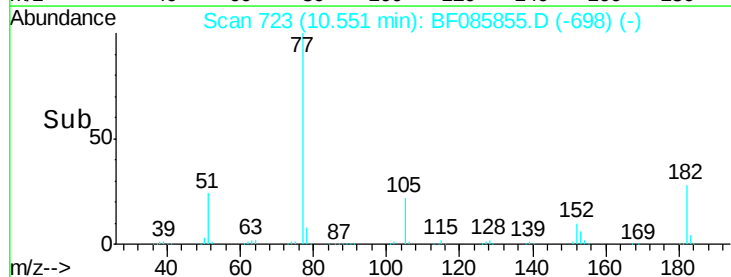
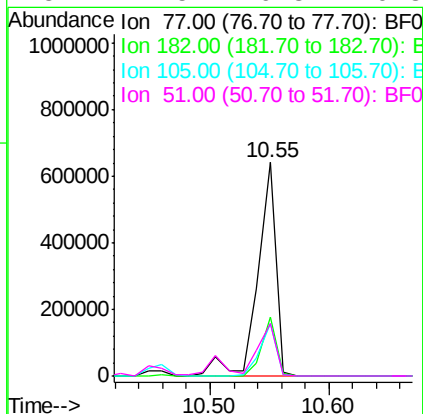
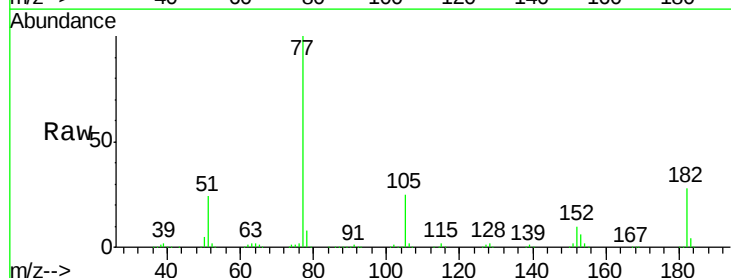
RT: 10.55 min Scan# 723

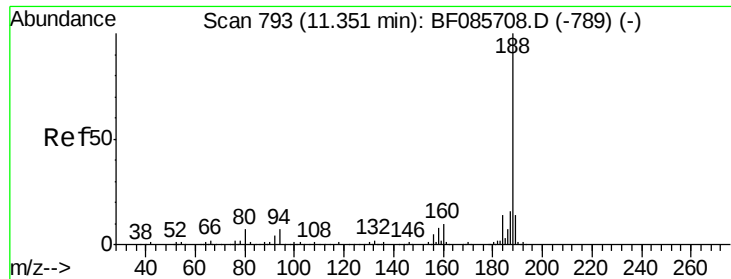
Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion:	77	Resp:	692779
Ion Ratio	Lower	Upper	
77	100		
182	27.5	1.9	41.9
105	24.8	3.5	43.5
51	24.5	6.3	46.3





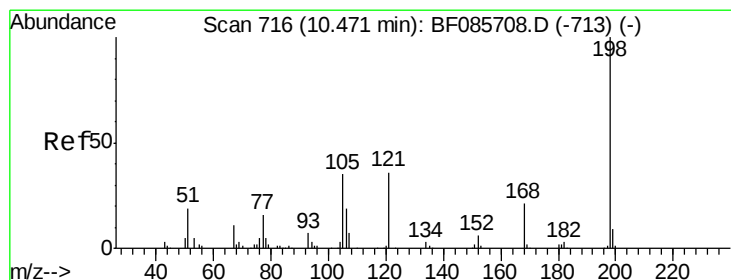
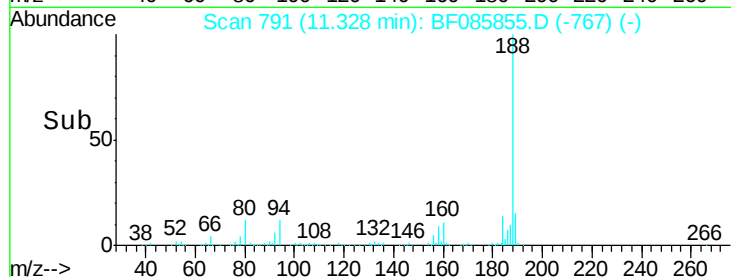
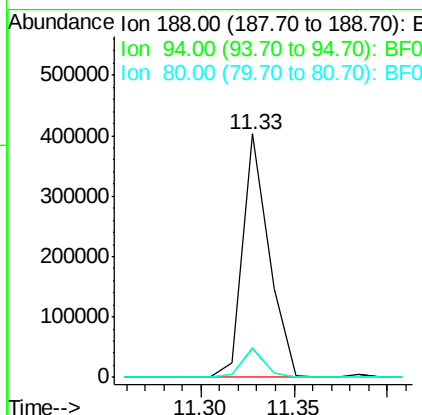
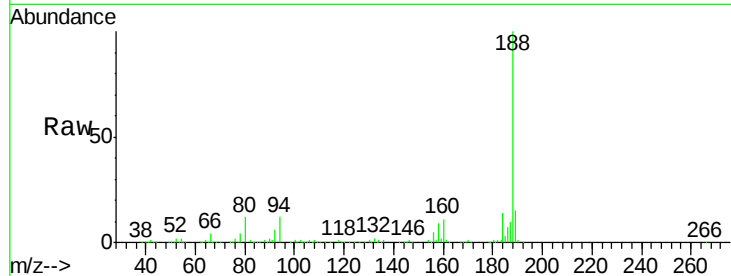
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.6	5.4	8.0#
80	12.4	5.5	8.3#

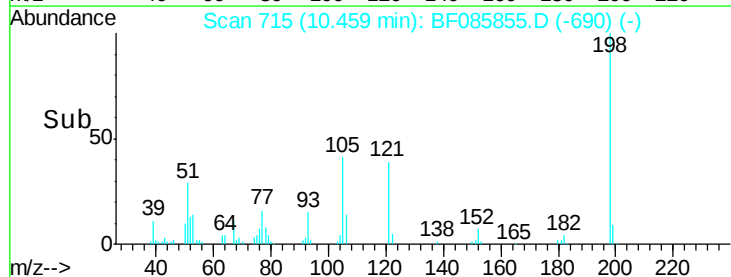
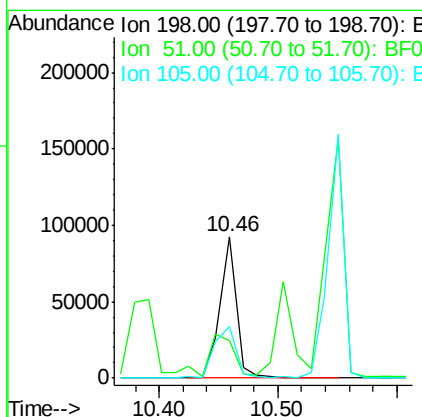
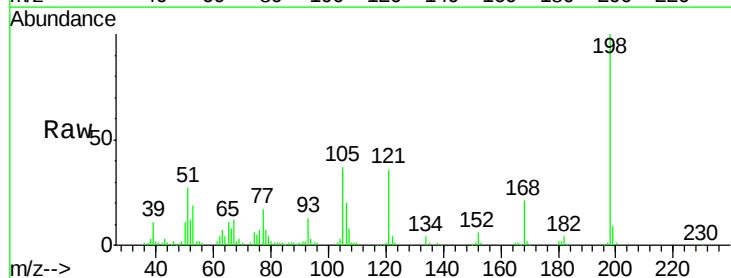
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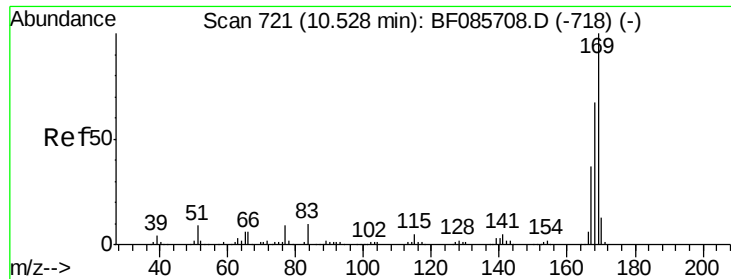
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.53 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	26.7	45.4	85.4#
105	37.0	45.9	85.9#





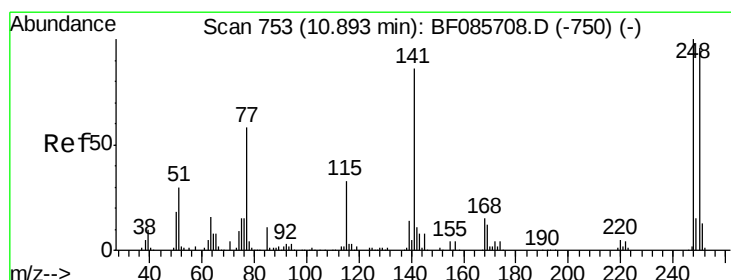
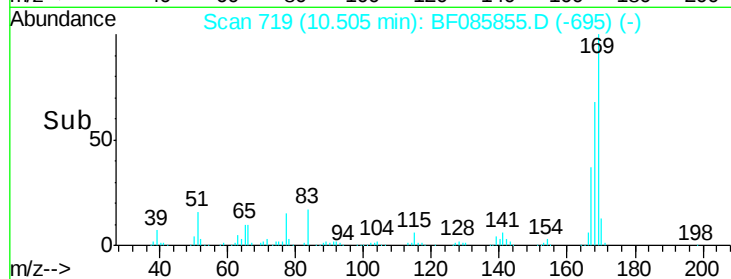
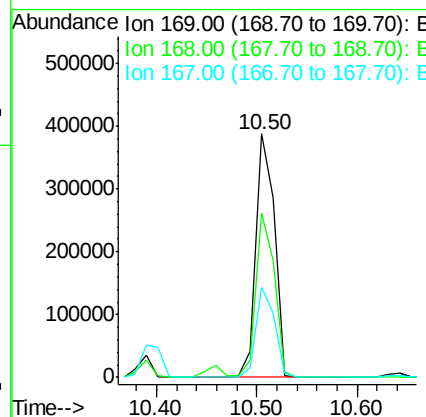
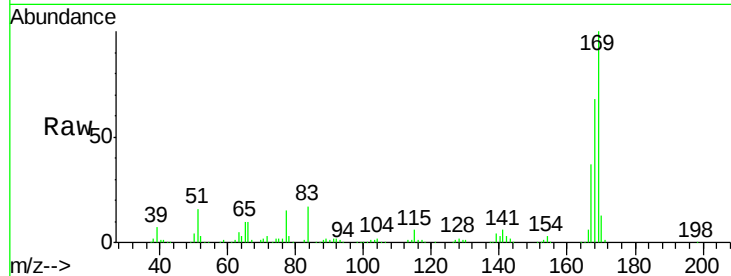
#65
n-Nitrosodiphenylamine
Concen: 39.56 ng
RT: 10.50 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	496616		
168	67.6	54.4	81.6	
167	36.9	29.4	44.0	

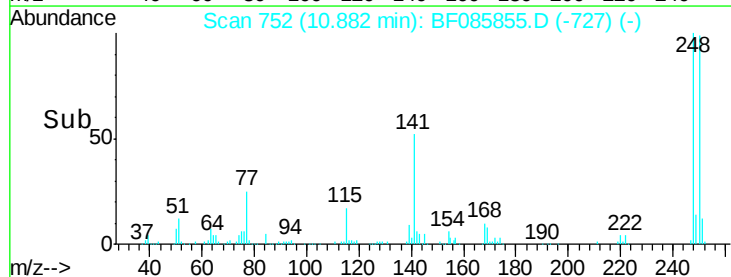
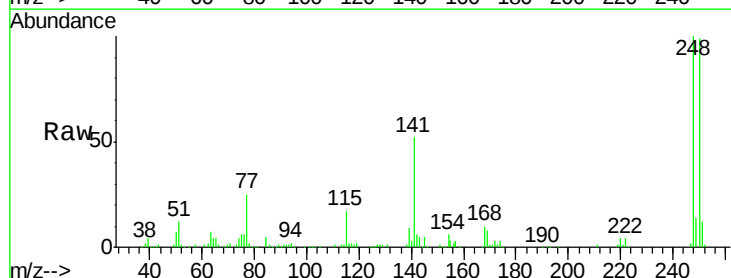
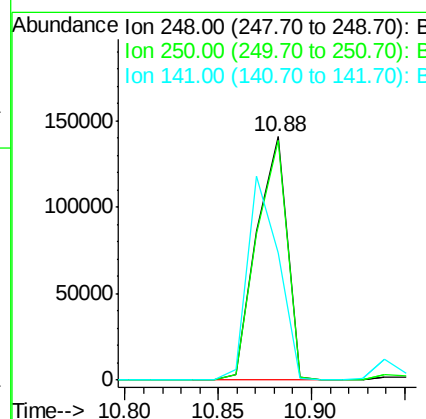
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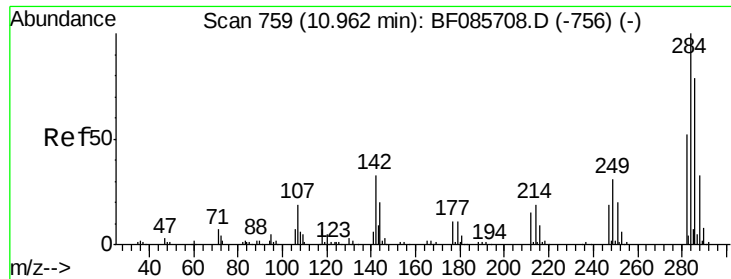
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#66
4-Bromophenyl-phenylether
Concen: 39.32 ng
RT: 10.88 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	159454		
250	98.6	77.4	116.0	
141	52.4	63.6	95.4	





#67

Hexachlorobenzene

Concen: 39.15 ng

RT: 10.95 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

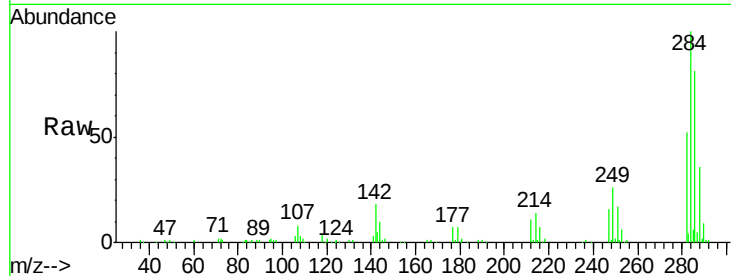
ClientSampleId :

PB89295BS

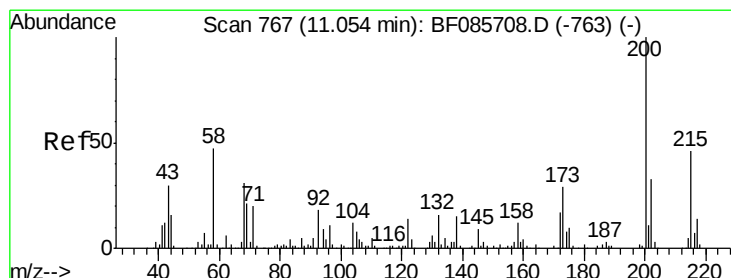
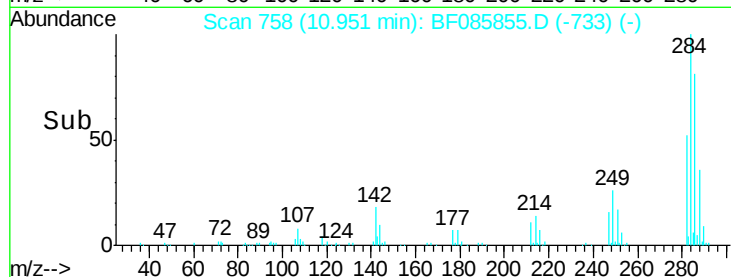
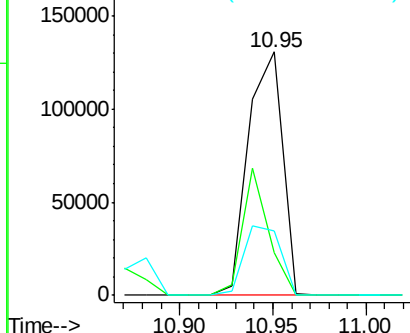
Tgt Ion:	284	Resp:	166013
Ion Ratio	Lower	Upper	
284	100		
142	17.7	23.1	34.7#
249	26.5	24.2	36.2

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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: 42.78 ng

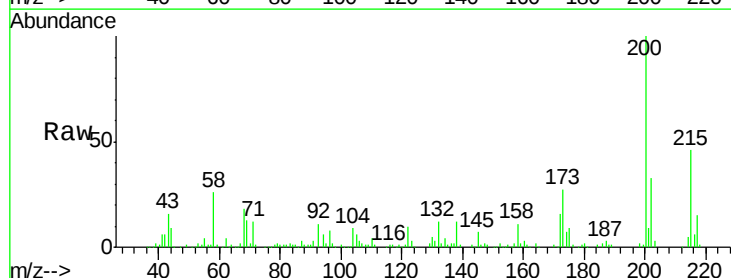
RT: 11.04 min Scan# 766

Delta R.T. -0.01 min

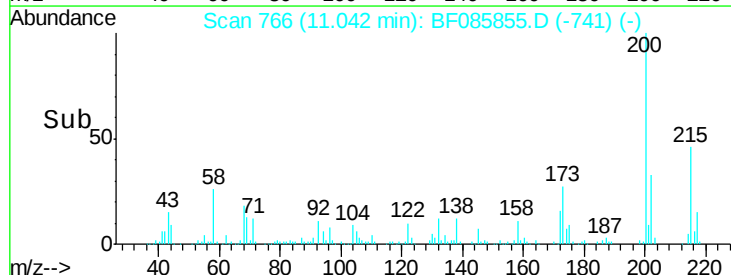
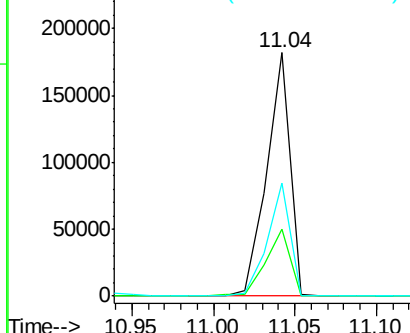
Lab File: BF085855.D

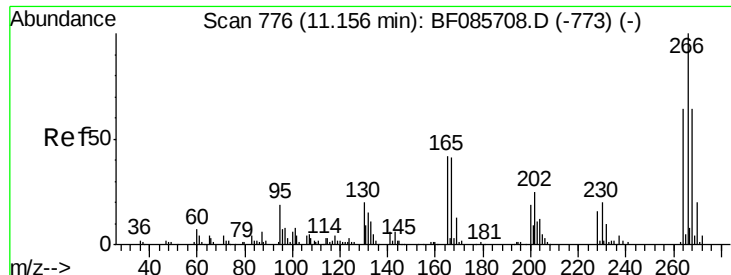
Acq: 29 Mar 2016 18:12

Tgt Ion:	200	Resp:	181312
Ion Ratio	Lower	Upper	
200	100		
173	27.3	7.7	47.7
215	46.3	25.4	65.4



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





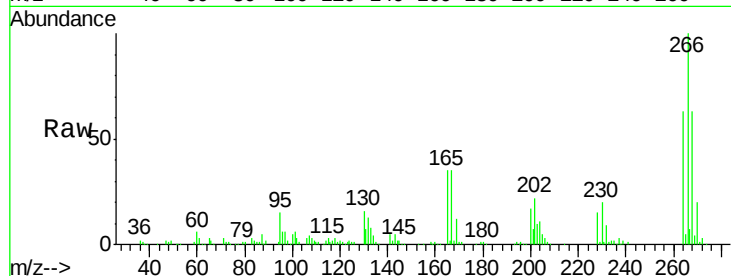
#69
 Pentachlorophenol
 Concen: 82.25 ng
 RT: 11.14 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

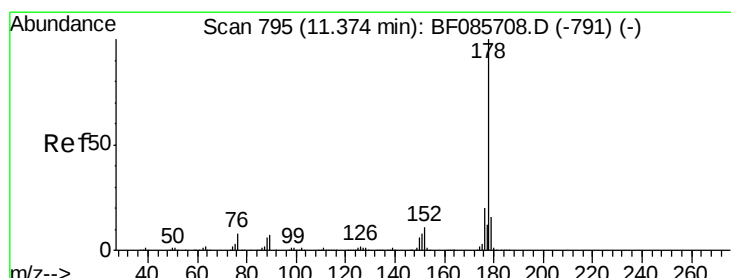
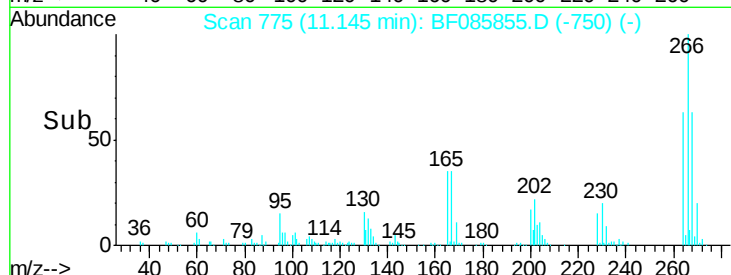
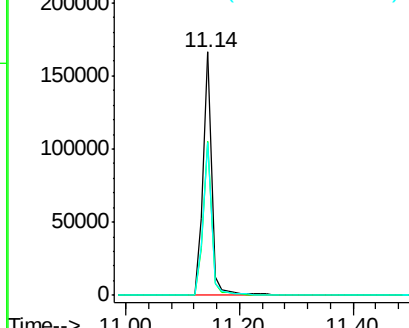
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	171241		
268	63.3	51.5	77.3	
264	62.6	50.6	76.0	

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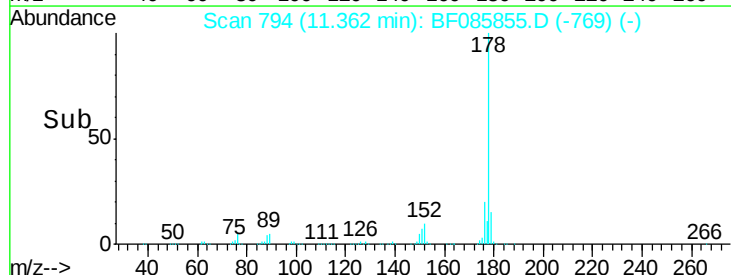
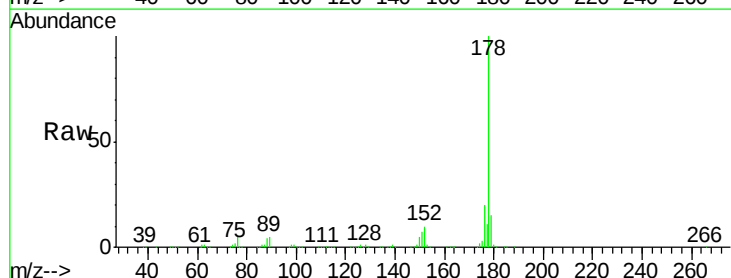
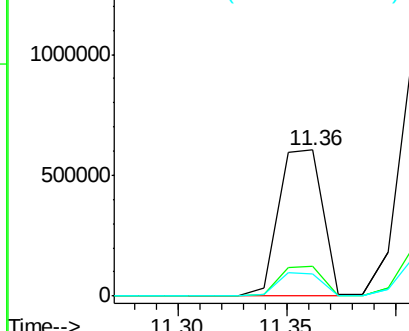
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

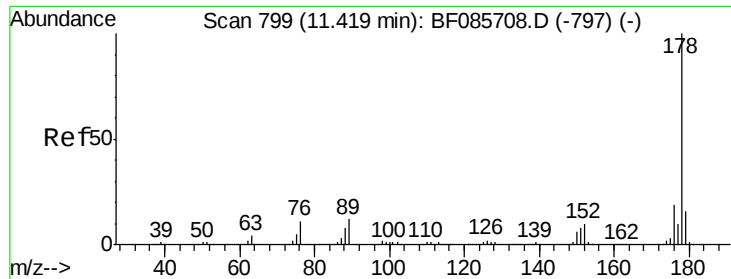


#70
 Phenanthrene
 Concen: 41.71 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	848942		
176	20.1	16.3	24.5	
179	14.9	12.6	18.8	

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





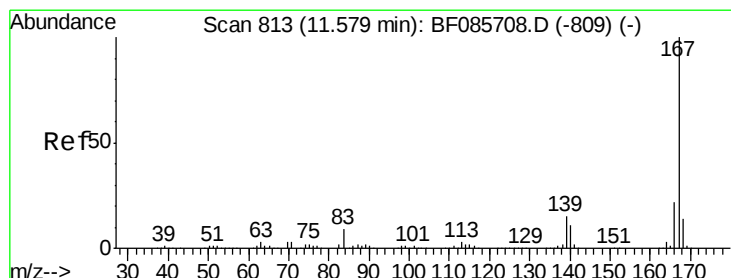
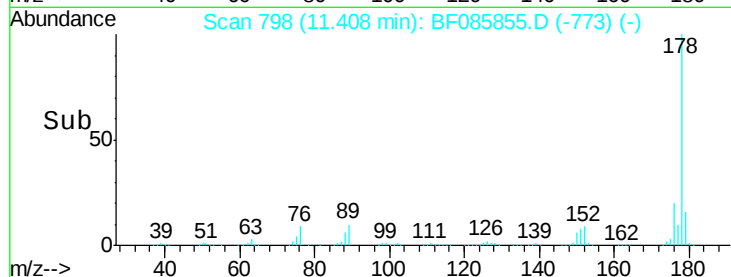
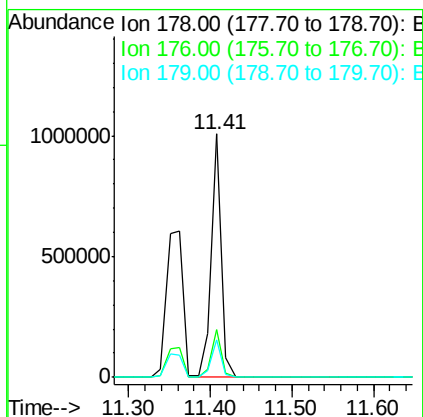
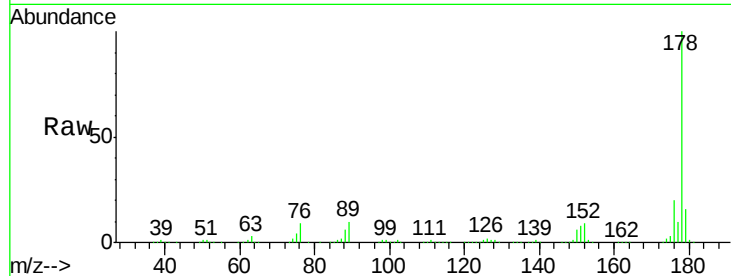
#71
 Anthracene
 Concen: 41.27 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampled :
 PB89295BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	881835		
176	19.8	15.9	23.9	
179	15.7	13.0	19.4	

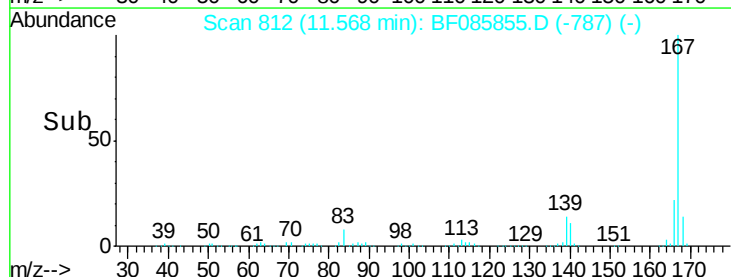
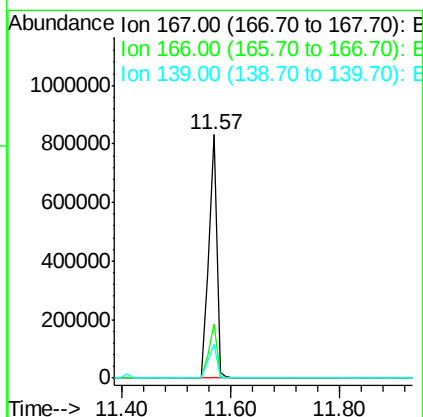
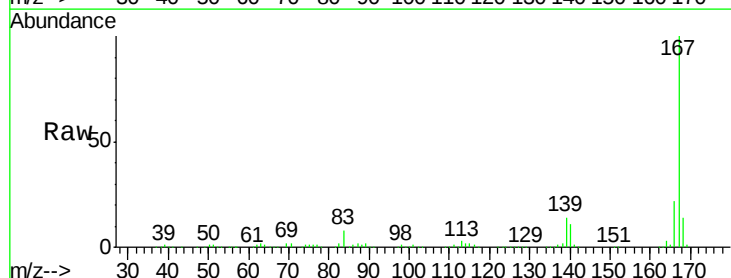
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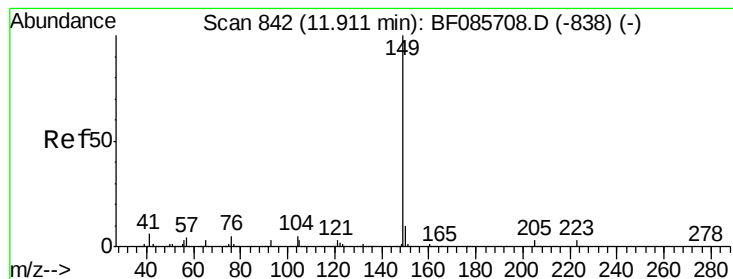
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#72
 Carbazole
 Concen: 47.03 ng
 RT: 11.57 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	843526		
166	22.0	17.8	26.8	
139	13.9	11.6	17.4	





#73

Di-n-butylphthalate

Concen: 40.23 ng

RT: 11.90 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

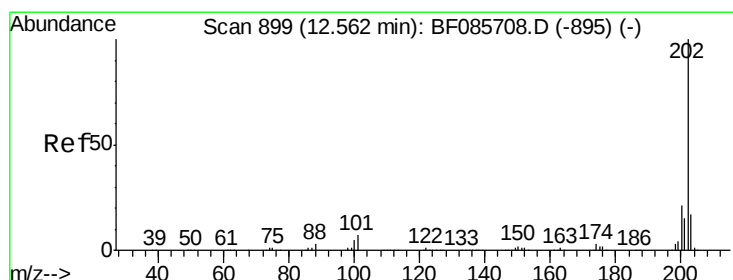
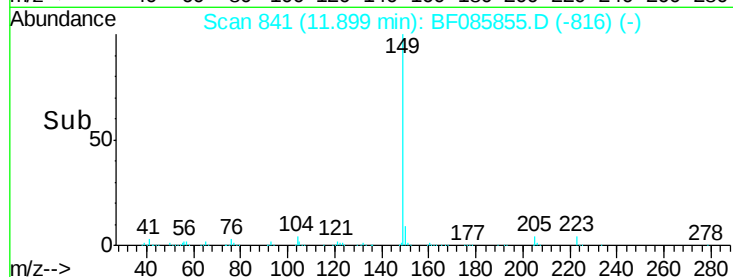
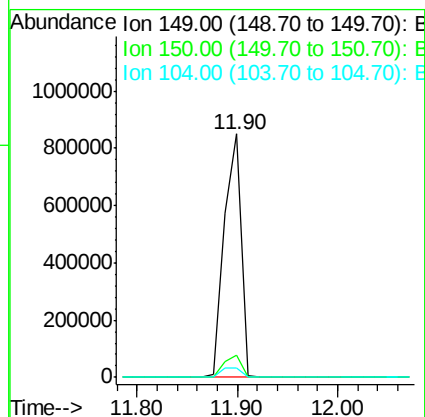
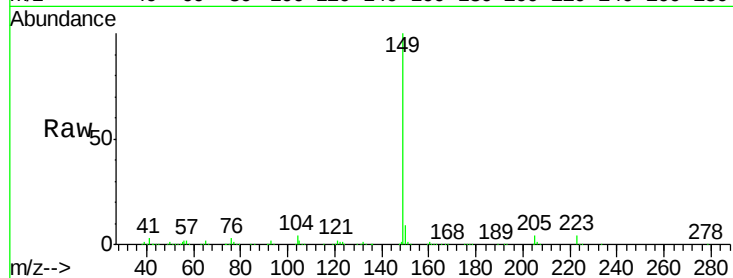
ClientSampleId :

PB89295BS

Tgt Ion:	149	Resp:	990144
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.6	11.4
104	3.9	3.8	5.8

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#74

Fluoranthene

Concen: 38.05 ng

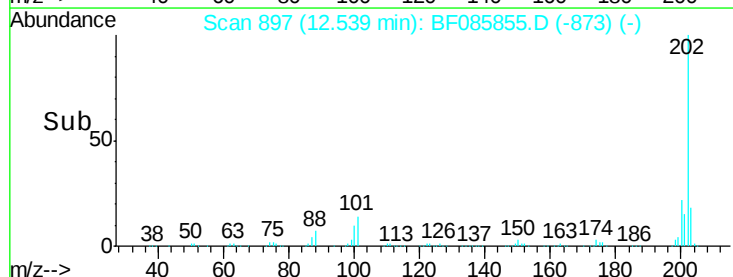
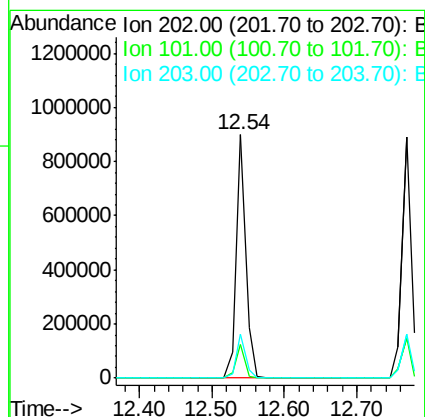
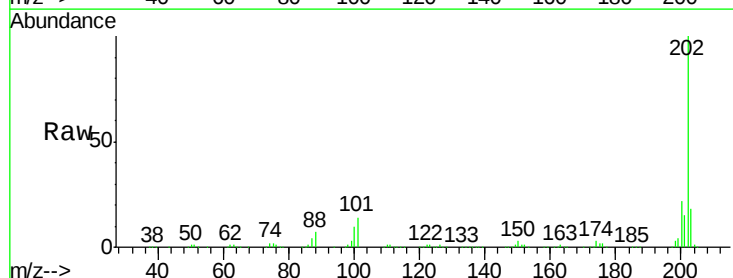
RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion:	202	Resp:	823001
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	36.6
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

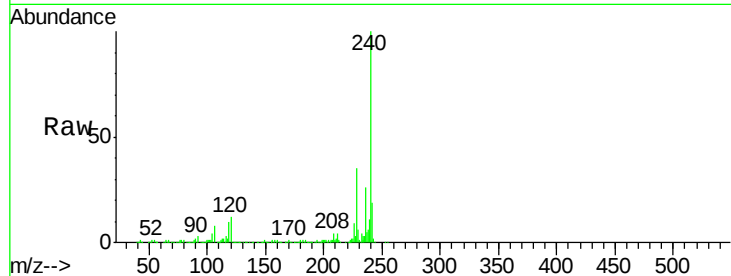
ClientSampled :

PB89295BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	324204		
120	12.1	13.8	20.8#	
236	26.0	20.6	30.8	

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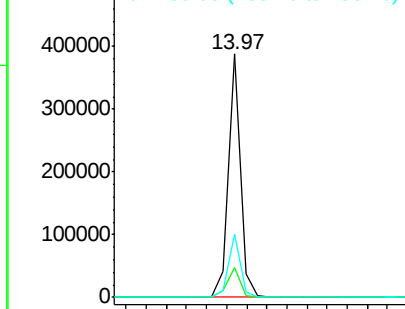
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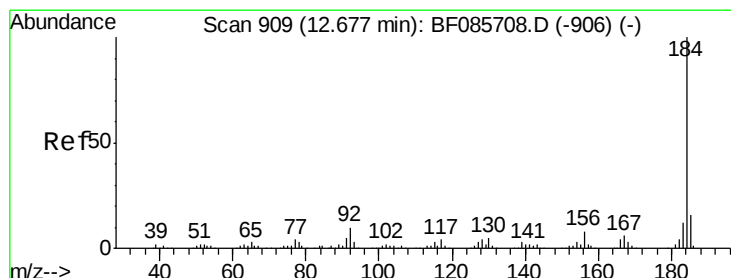
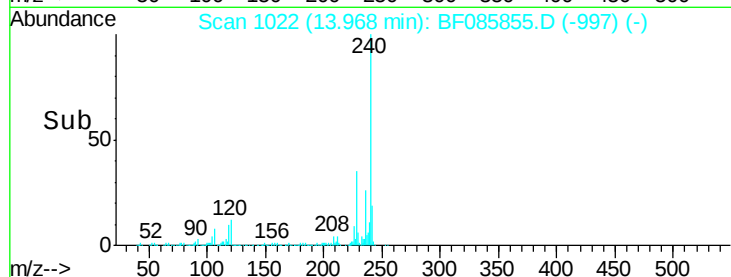
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 24.46 ng

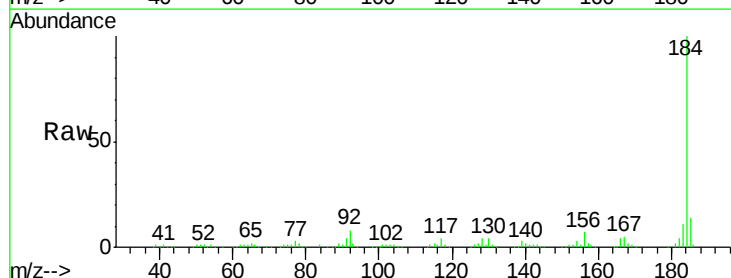
RT: 12.67 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

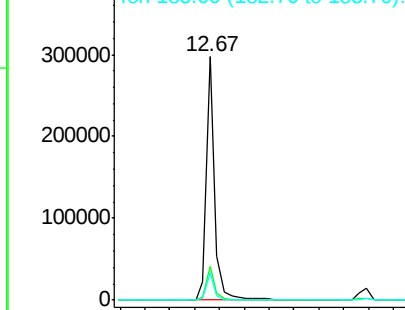
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	279266		
185	14.0	12.4	18.6	
183	11.4	9.4	14.2	



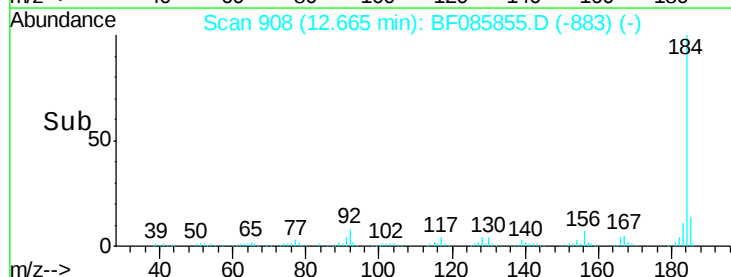
Abundance Ion 184.00 (183.70 to 184.70): E

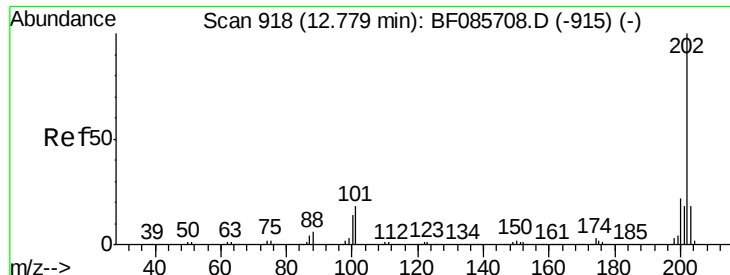
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





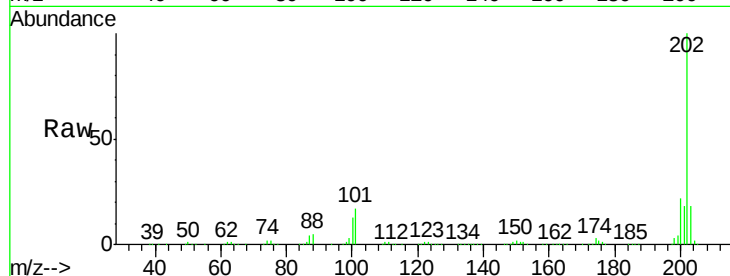
#77
 Pyrene
 Concen: 30.58 ng
 RT: 12.77 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

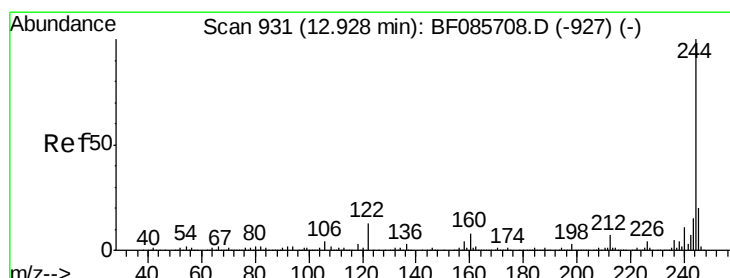
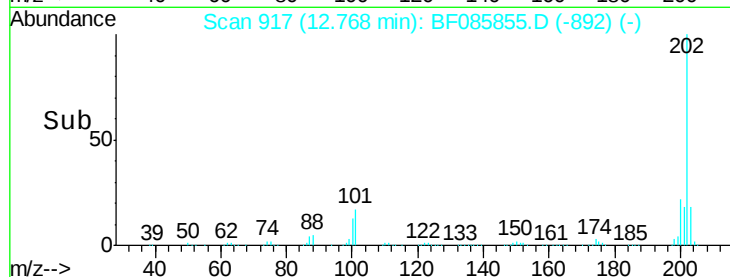
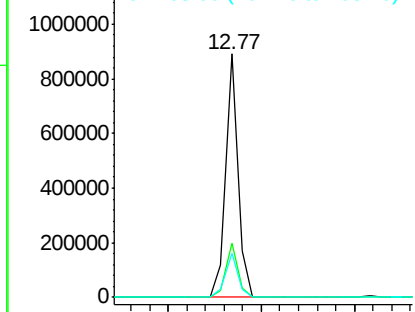
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	814833		
200	22.2	17.6	26.4	
203	18.2	14.0	21.0	

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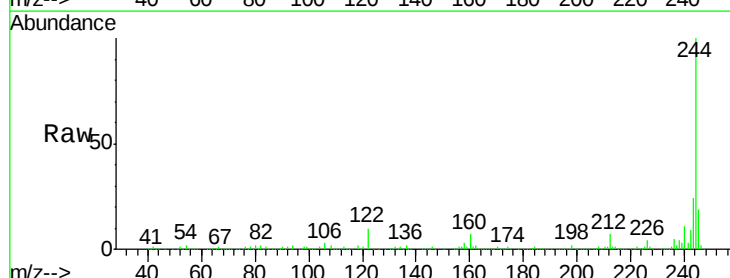


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

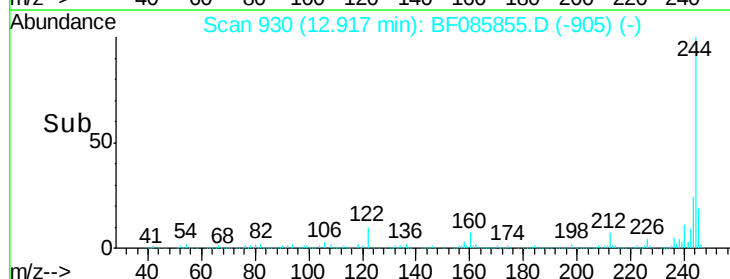
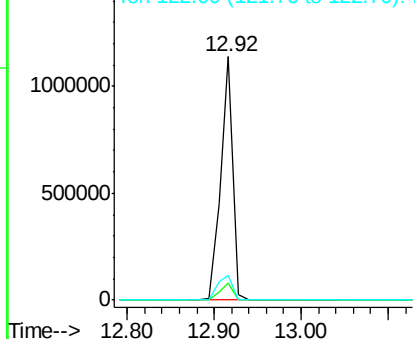


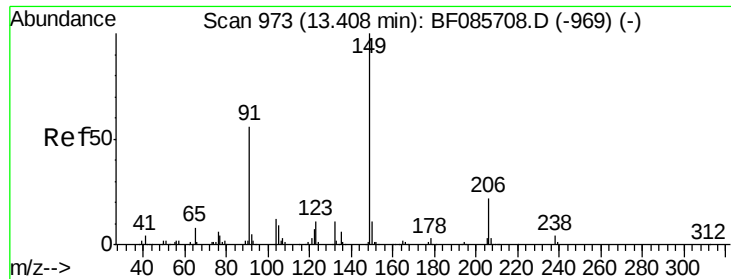
#78
 Terphenyl-d14
 Concen: 71.03 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1119720		
212	7.1	6.1	9.1	
122	10.0	10.2	15.4	



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





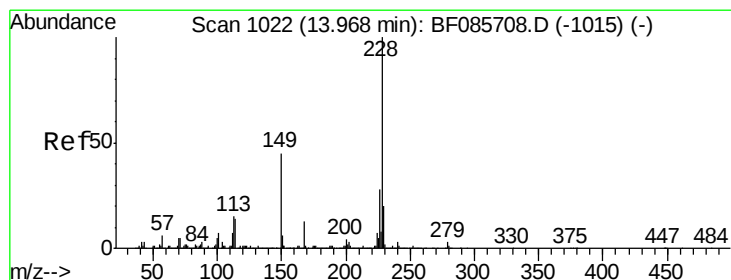
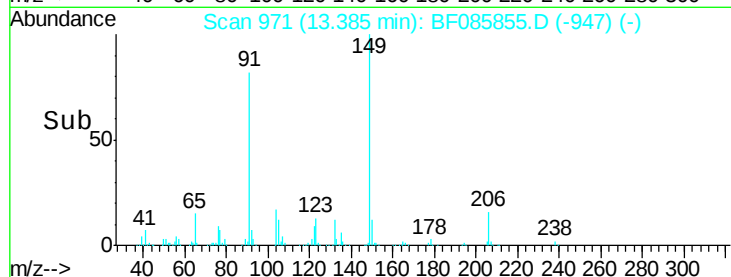
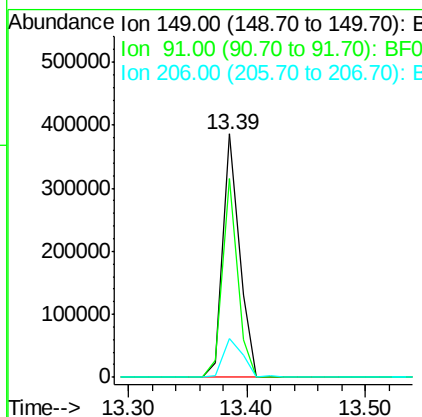
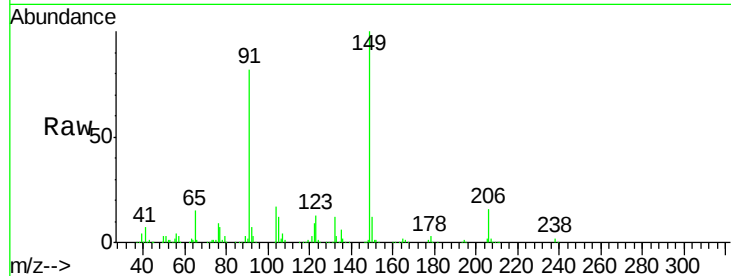
#79
Butylbenzylphthalate
Concen: 33.46 ng
RT: 13.39 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	81.6	45.8	68.8#
206	16.1	17.8	26.8#

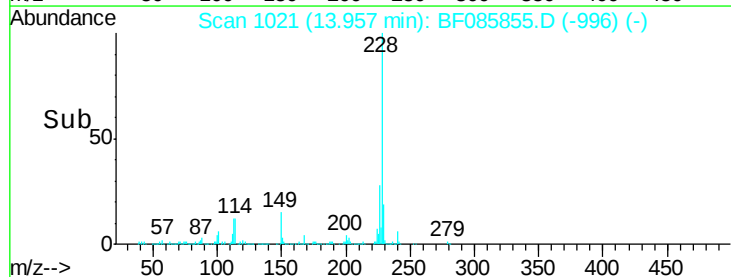
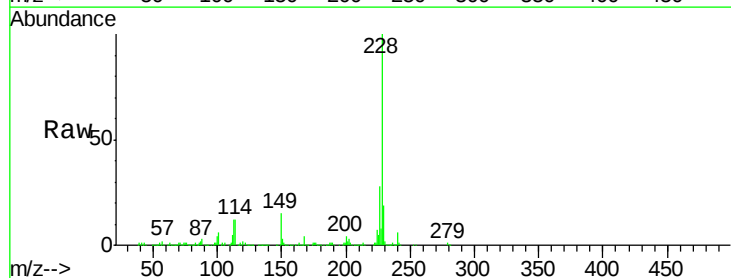
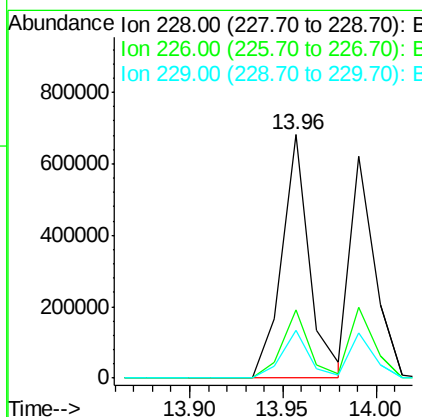
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#80
Benzo(a)anthracene
Concen: 38.12 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.9	22.1	33.1
229	19.5	16.2	24.4





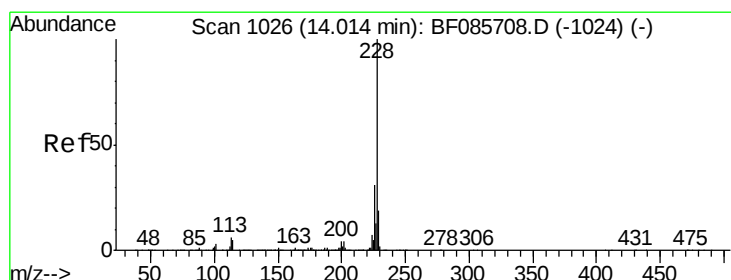
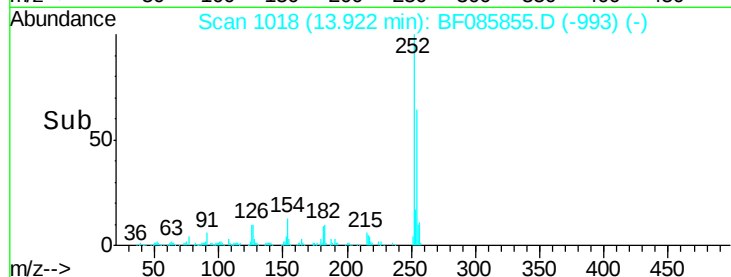
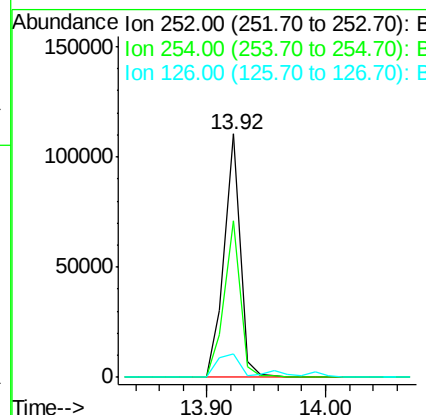
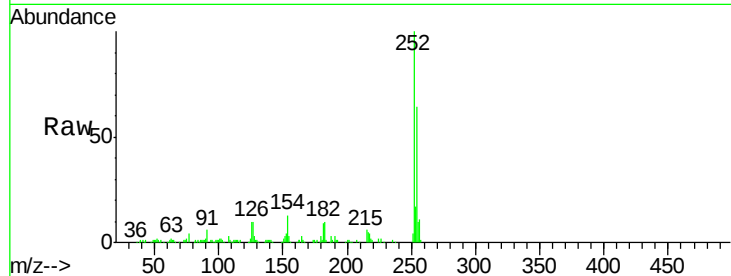
#81
 3,3'-Dichlorobenzidine
 Concen: 8.10 ng
 RT: 13.92 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.4	50.7	76.1
126	9.6	11.8	17.6

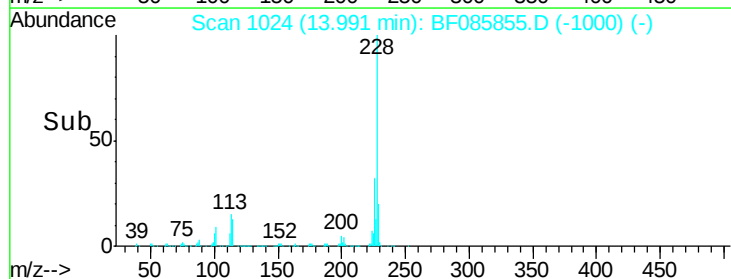
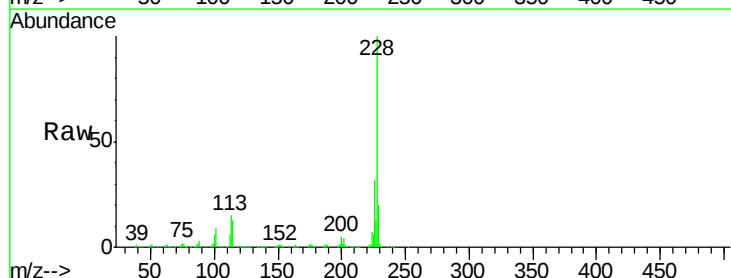
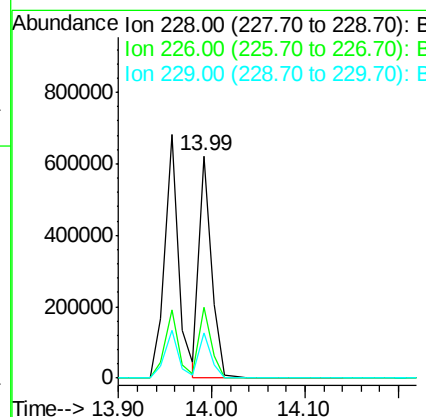
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#82
 Chrysene
 Concen: 31.16 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.8	25.0	37.6
229	20.3	15.7	23.5





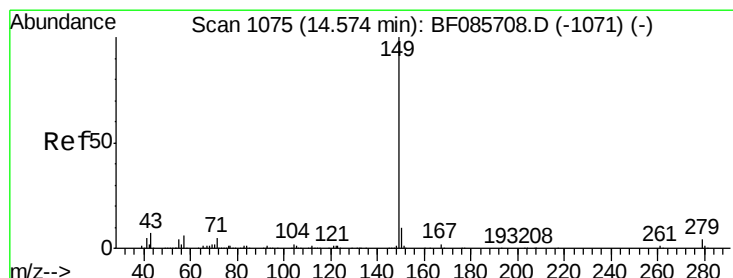
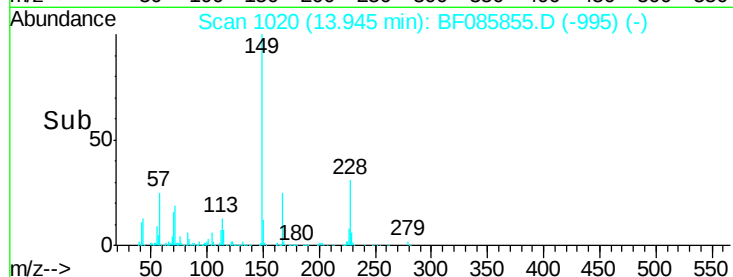
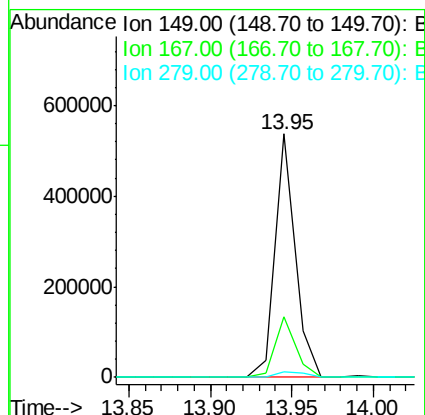
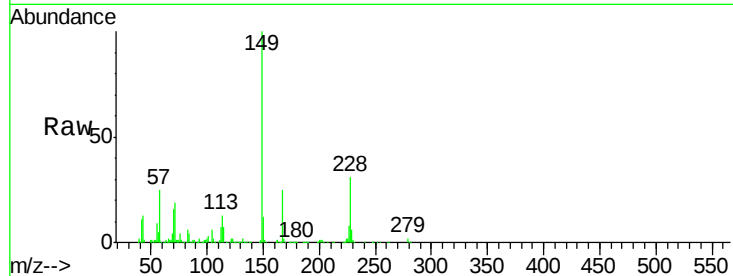
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.96 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.0	19.4	29.2
279	2.4	1.5	2.3#

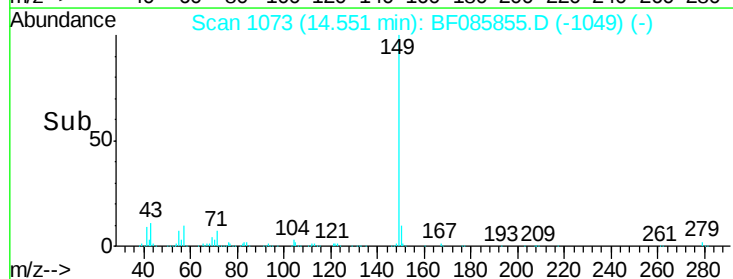
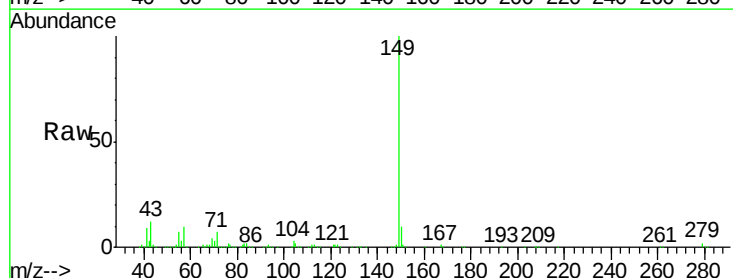
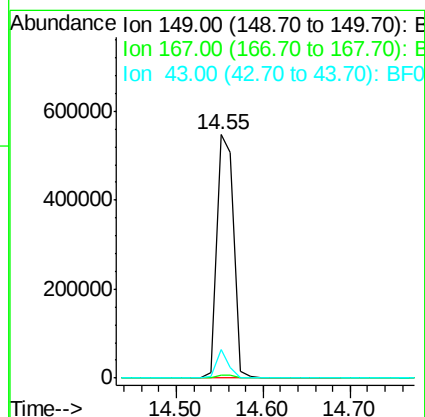
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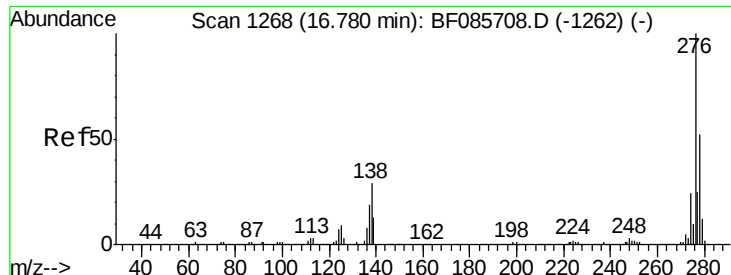
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#84
 Di-n-octyl phthalate
 Concen: 37.65 ng
 RT: 14.55 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	8.4	7.1	10.7





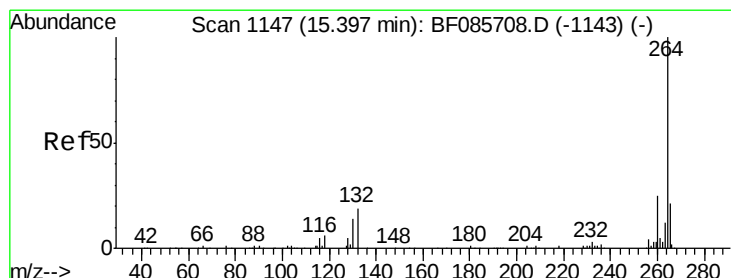
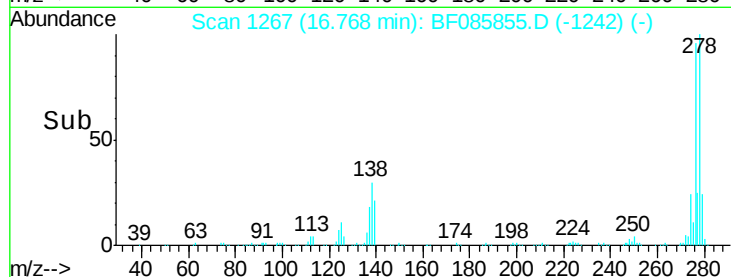
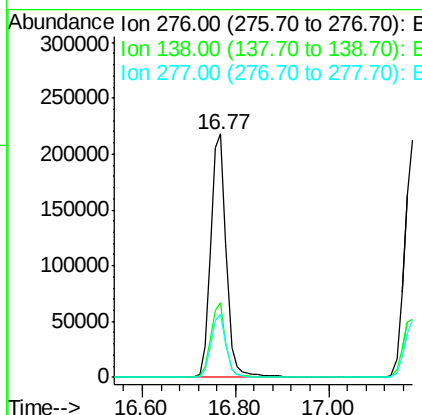
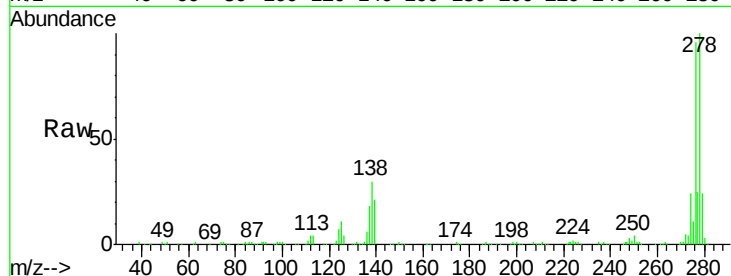
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.73 ng
 RT: 16.77 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	513773		
138	29.3		24.2	36.4
277	24.9		20.0	30.0

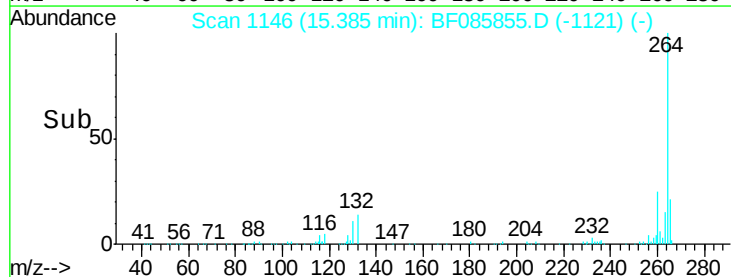
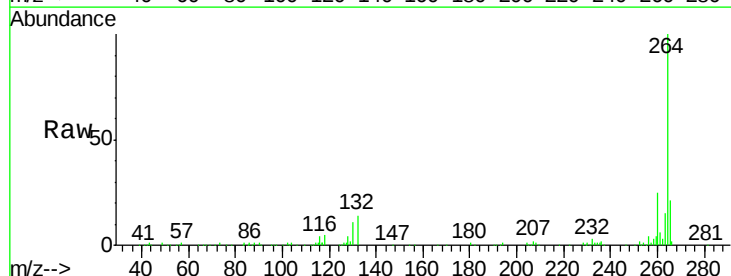
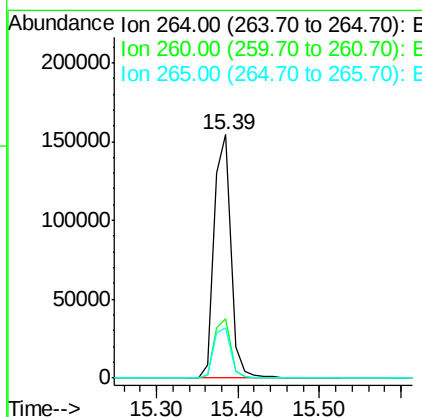
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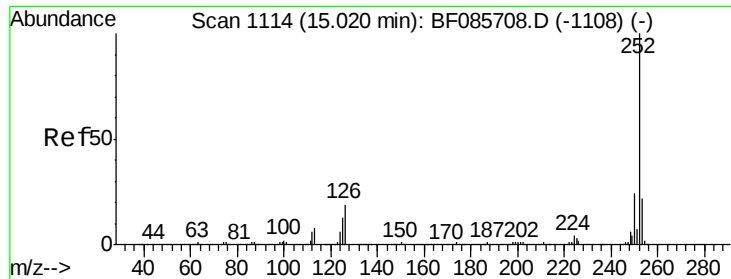
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	221492		
260	24.6		19.4	29.2
265	20.9		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 46.11 ng m

RT: 14.99 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

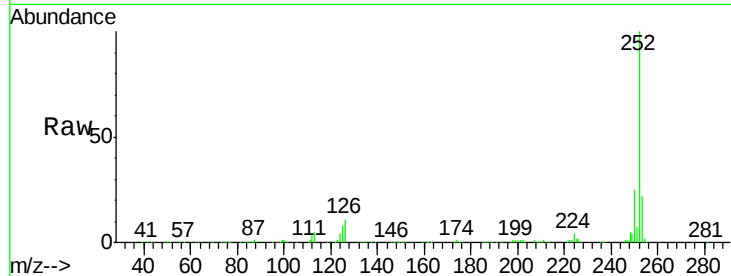
ClientSampleId :

PB89295BS

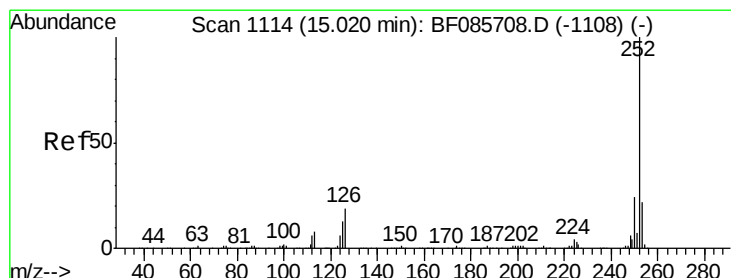
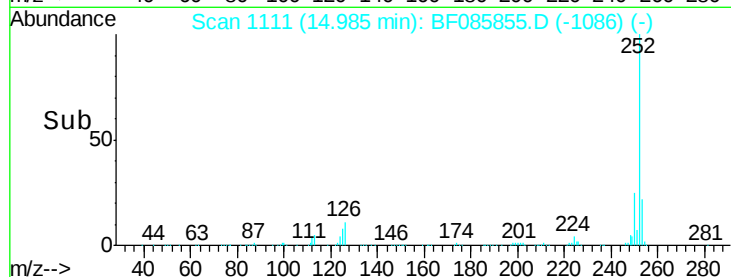
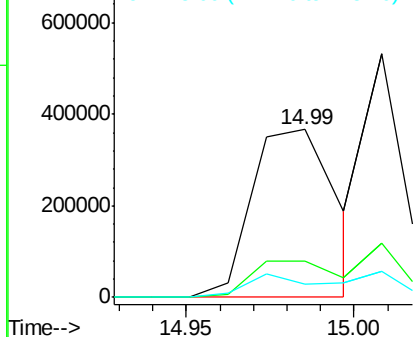
Tgt Ion:	252	Resp:	643415
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	7.7	10.3	15.5#

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



#88

Benzo(k)fluoranthene

Concen: 34.07 ng m

RT: 15.01 min Scan# 1113

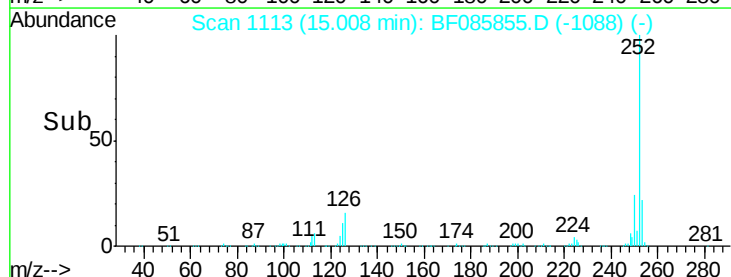
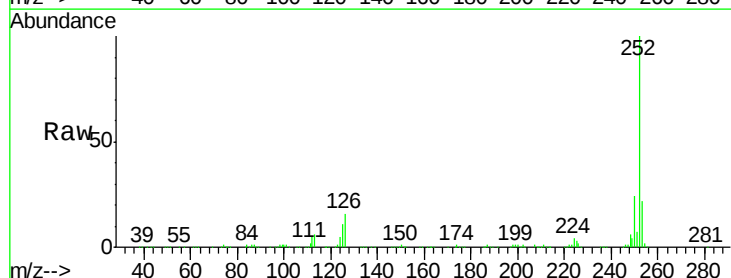
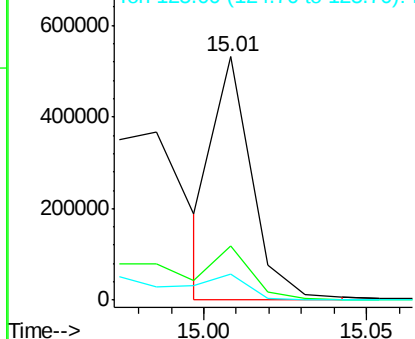
Delta R.T. -0.01 min

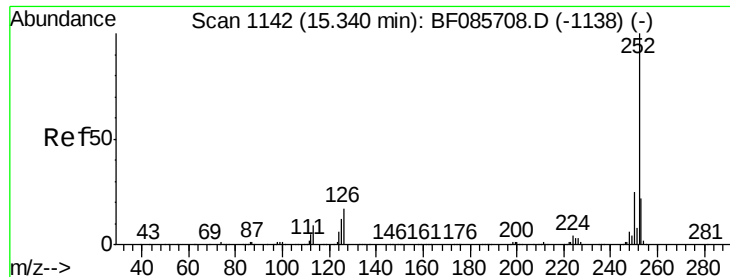
Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion:	252	Resp:	428620
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	10.6	7.7	11.5

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





#89

Benzo(a)pyrene

Concen: 41.30 ng

RT: 15.33 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

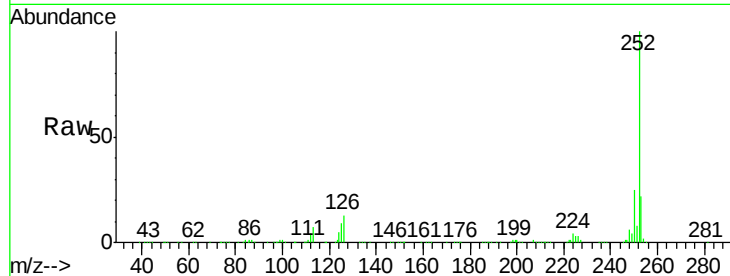
ClientSampleId :

PB89295BS

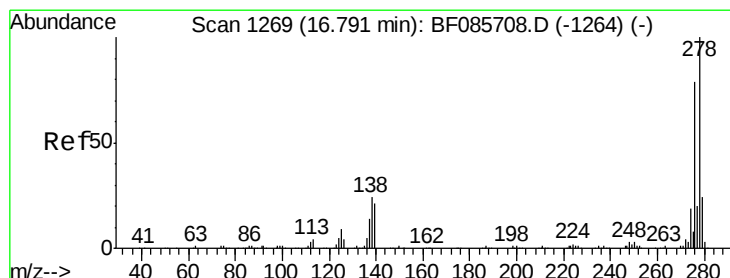
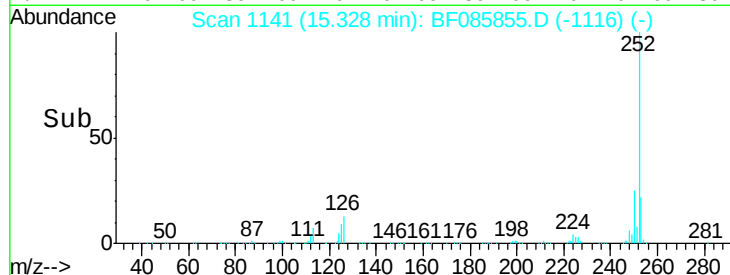
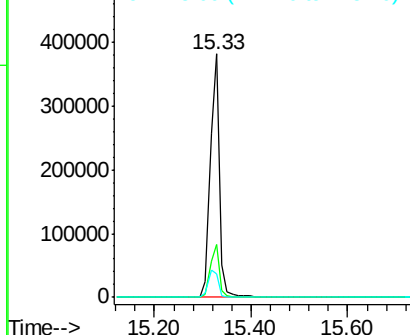
Tgt Ion:	252	Resp:	511692
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.4	26.0
125	9.5	10.3	15.5#

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



#90

Dibenzo(a,h)anthracene

Concen: 37.62 ng

RT: 16.77 min Scan# 1267

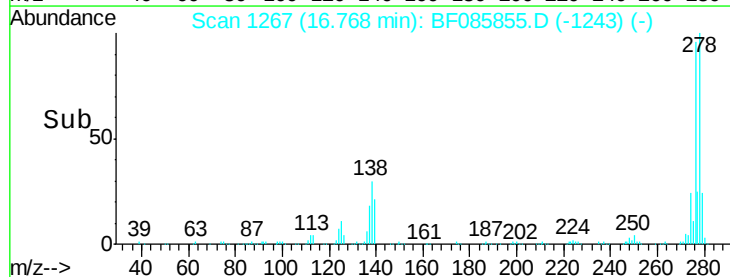
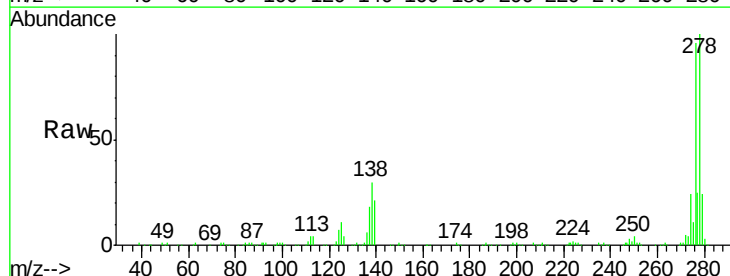
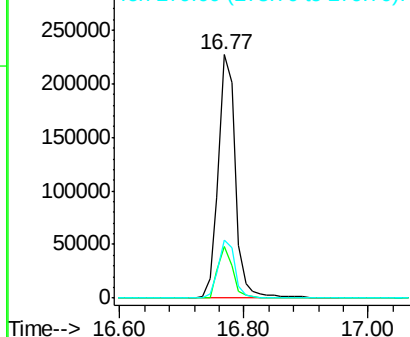
Delta R.T. -0.02 min

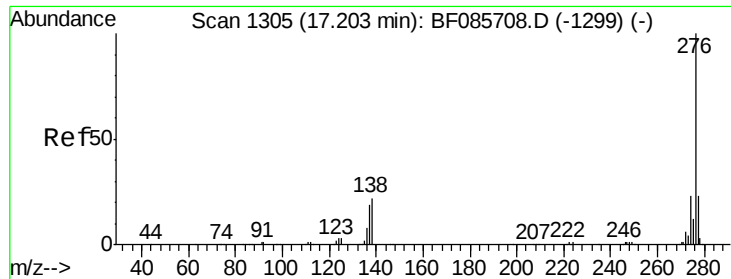
Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion:	278	Resp:	432995
Ion Ratio	Lower	Upper	
278	100		
139	21.1	14.4	21.6
279	24.0	19.1	28.7

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: 37.08 ng
 RT: 17.18 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Tgt Ion:	276	Resp:	432200
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.8	28.2
138	24.6	22.6	34.0

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