

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085783.D
 Acq On : 26 Mar 2016 1:32
 Operator : UM/SJ
 Sample : H1834-08MSD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Manual Integrations
 APPROVED

Sohil
 3/28/2016 8:00:59 PM

Quant Time: Mar 26 03:30:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	112785	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	422806	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	171016	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	264110	20.00	ng	0.00
75) Chrysene-d12	13.98	240	219676	20.00	ng	0.00
86) Perylene-d12	15.40	264	183879	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	771575	113.93	ng	0.02
7) Phenol-d6	6.47	99	981838	114.03	ng	0.01
23) Nitrobenzene-d5	7.40	82	615499	81.98	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	161329	99.29	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	919850	89.87	ng	0.00
78) Terphenyl-d14	12.93	244	612162	57.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	107979	33.39	ng	99
3) Pyridine	3.17	79	266827	34.42	ng	100
4) n-Nitrosodimethylamine	3.11	42	130888	42.17	ng	96
6) Aniline	6.49	93	208168	17.96	ng	98
8) 2-Chlorophenol	6.61	128	286135	36.36	ng	88
9) Benzaldehyde	6.37	77	52532	10.13	ng	94
10) Phenol	6.48	94	422362	43.30	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	277623m	36.98	ng	
12) 1,3-Dichlorobenzene	6.77	146	323757m	38.21	ng	
13) 1,4-Dichlorobenzene	6.85	146	317281	36.92	ng	92
14) 1,2-Dichlorobenzene	7.00	146	305688	38.17	ng	98
15) Benzyl Alcohol	6.97	79	237658	41.37	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	368536	37.00	ng	96
17) 2-Methylphenol	7.09	107	245201	38.93	ng	100
18) Hexachloroethane	7.34	117	105672	33.58	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	207274	40.20	ng	98
20) 3+4-Methylphenols	7.25	107	303127	40.02	ng	# 78
22) Acetophenone	7.24	105	385178	39.10	ng	96
24) Nitrobenzene	7.41	77	291326	37.64	ng	96
25) Isophorone	7.65	82	550529	38.06	ng	98
26) 2-Nitrophenol	7.73	139	138921	35.88	ng	# 87
27) 2,4-Dimethylphenol	7.77	122	286087	42.27	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	366225	44.44	ng	99
29) 2,4-Dichlorophenol	7.98	162	222764	39.15	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	247628	39.20	ng	93
31) Naphthalene	8.14	128	810388	38.04	ng	98
32) Benzoic acid	7.88	122	74105m	16.49	ng	
33) 4-Chloroaniline	8.18	127	73969	8.50	ng	# 95
34) Hexachlorobutadiene	8.25	225	130175	37.92	ng	99
35) Caprolactam	8.55	113	67812	33.65	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	246091	37.03	ng	98
37) 2-Methylnaphthalene	8.82	142	513887	40.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	211299	41.66	ng	98
40) Hexachlorocyclopentadiene	8.97	237	27893	20.87	ng	99

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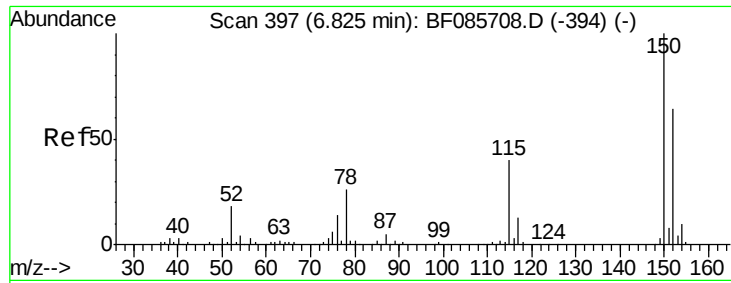
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	145102	42.36	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	141871	39.50	nq	99
45) 1,1'-Biphenyl	9.29	154	596992	41.37	nq	94
46) 2-Chloronaphthalene	9.32	162	456581	43.03	nq	98
47) 2-Nitroaniline	9.41	65	125492	38.67	nq	86
48) Acenaphthylene	9.73	152	709141	41.01	nq	99
49) Dimethylphthalate	9.59	163	693111	53.42	nq	100
50) 2,6-Dinitrotoluene	9.66	165	115274	41.28	nq	# 63
51) Acenaphthene	9.90	154	419966	39.77	nq	100
52) 3-Nitroaniline	9.82	138	72625	22.72	nq	93
53) 2,4-Dinitrophenol	9.93	184	19791	19.01	nq	94
54) Dibenzofuran	10.07	168	580907	42.50	nq	98
55) 4-Nitrophenol	9.99	139	135714	65.17	nq	91
56) 2,4-Dinitrotoluene	10.06	165	136590	38.48	nq	# 68
57) Fluorene	10.41	166	441847	38.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	95725	38.34	nq	97
59) Diethylphthalate	10.29	149	511326	39.89	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	194395	34.99	nq	96
61) 4-Nitroaniline	10.44	138	107988	35.32	nq	98
62) Azobenzene	10.56	77	495709	40.24	nq	98
64) 4,6-Dinitro-2-methylphenol	10.47	198	20169	13.04	nq	# 66
65) n-Nitrosodiphenylamine	10.53	169	398302	47.61	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	121015	44.79	nq	99
67) Hexachlorobenzene	10.96	284	119950	42.45	nq	# 92
68) Atrazine	11.05	200	124755	44.17	nq	99
69) Pentachlorophenol	11.16	266	115625	83.35	nq	100
70) Phenanthrene	11.37	178	602387	44.42	nq	99
71) Anthracene	11.42	178	562900	39.54	nq	99
72) Carbazole	11.58	167	527290	44.12	nq	100
73) Di-n-butylphthalate	11.91	149	718081	43.78	nq	100
74) Fluoranthene	12.56	202	557301	38.66	nq	88
76) Benzidine	12.68	184	270277	34.94	nq	99
77) Pyrene	12.78	202	564765	31.28	nq	99
79) Butylbenzylphthalate	13.41	149	279288	36.93	nq	97
80) Benzo(a)anthracene	13.97	228	481390	38.43	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	126297	14.53	nq	99
82) Chrysene	14.00	228	438518	34.76	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	376703	41.60	nq	100
84) Di-n-octyl phthalate	14.57	149	677169	50.30	nq	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	361405	37.09	nq	99
87) Benzo(b)fluoranthene	15.00	252	465943m	40.22	nq	
88) Benzo(k)fluoranthene	15.02	252	427024m	40.89	nq	
89) Benzo(a)pyrene	15.34	252	405665	39.44	nq	99
90) Dibenzo(a,h)anthracene	16.80	278	313293	32.78	nq	97
91) Benzo(g,h,i)perylene	17.20	276	284270	29.38	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

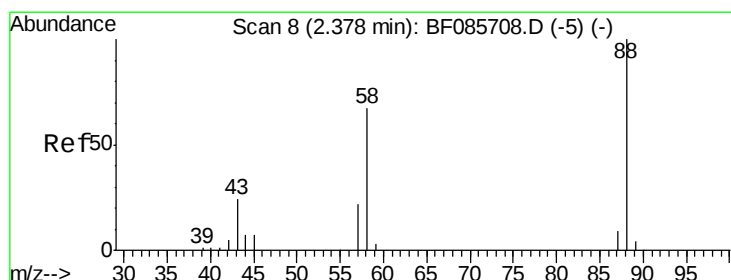
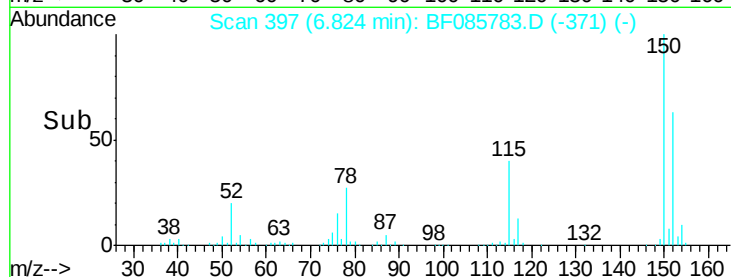
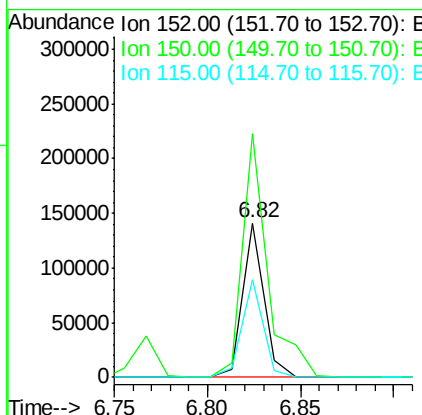
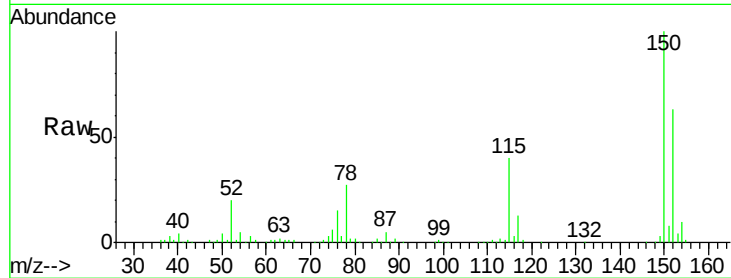
ClientSampled :

13MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.2	186.2
115	63.8	47.0	70.6

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#2

1,4-Dioxane

Concen: 33.39 ng

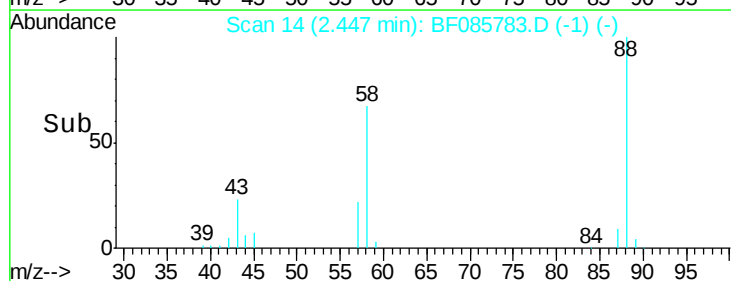
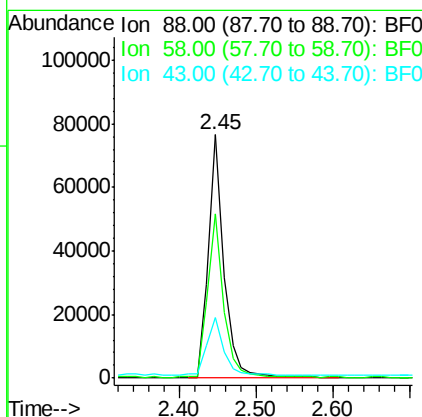
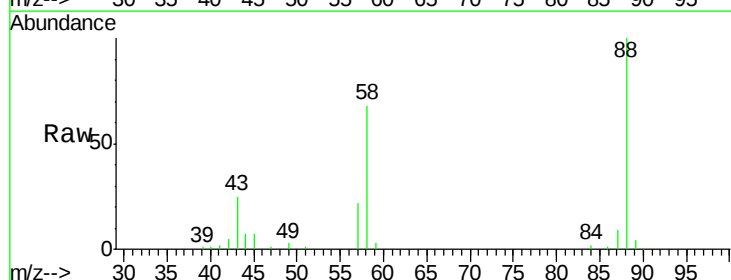
RT: 2.45 min Scan# 14

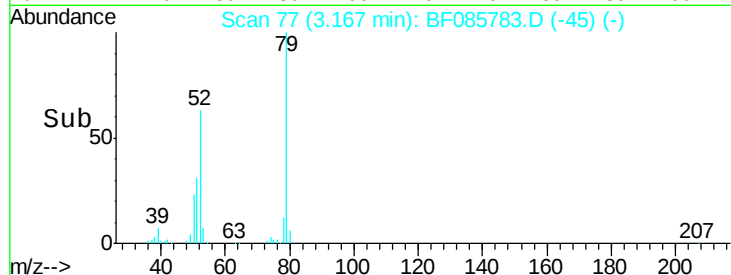
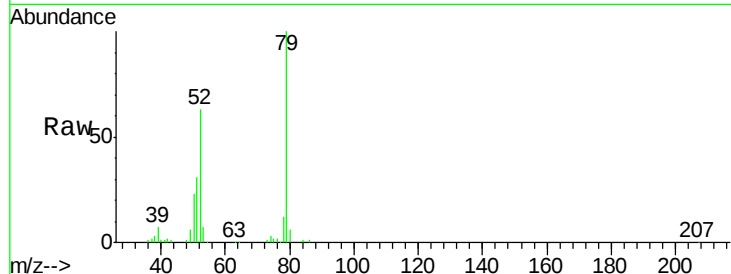
Delta R.T. 0.07 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	54.2	81.2
43	26.4	19.3	28.9





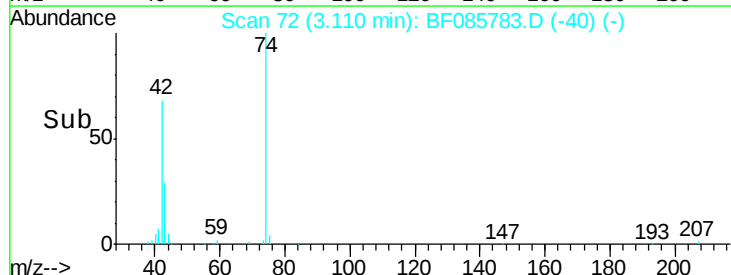
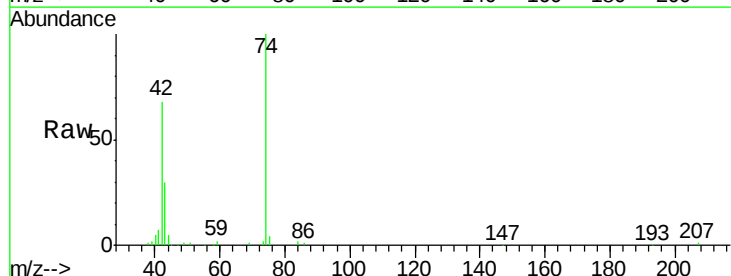
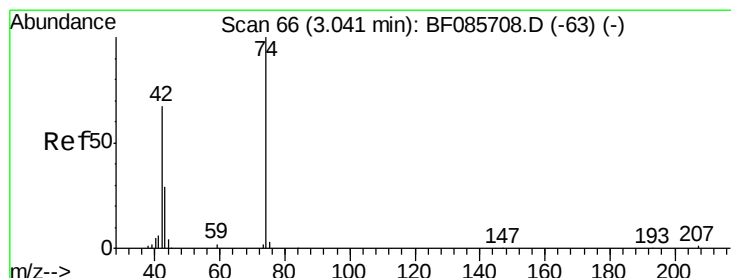
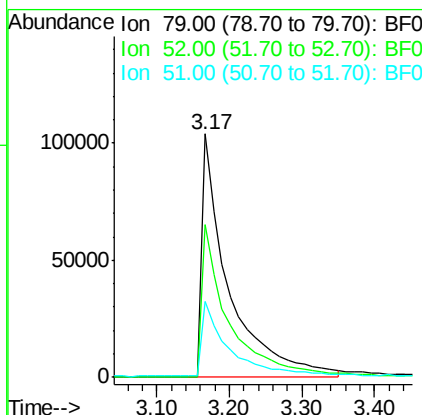
#3
 Pvridine
 Concen: 34.42 ng
 RT: 3.17 min Scan# 77
 Delta R.T. 0.07 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Tot Ion:	79	Resp:	266827
Ion Ratio	Lower	Upper	
79	100		
52	62.5	49.8	74.6
51	31.2	24.7	37.1

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

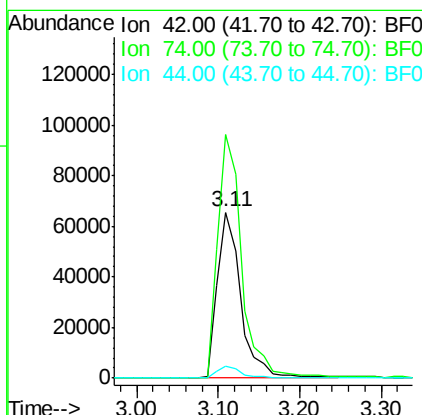
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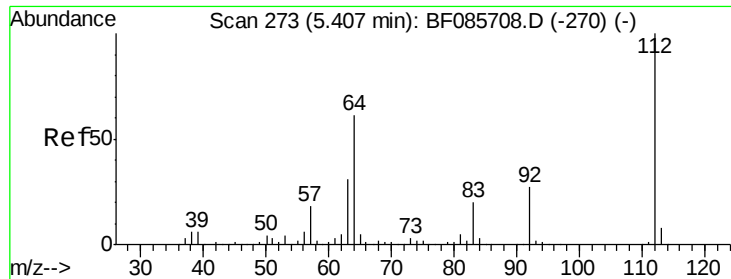
Sohil
 3/28/2016 8:00:59 PM



#4
 n-Nitrosodimethylamine
 Concen: 42.17 ng
 RT: 3.11 min Scan# 72
 Delta R.T. 0.07 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Tgt Ion:	42	Resp:	130888
Ion Ratio	Lower	Upper	
42	100		
74	147.1	121.4	182.2
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 113.93 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

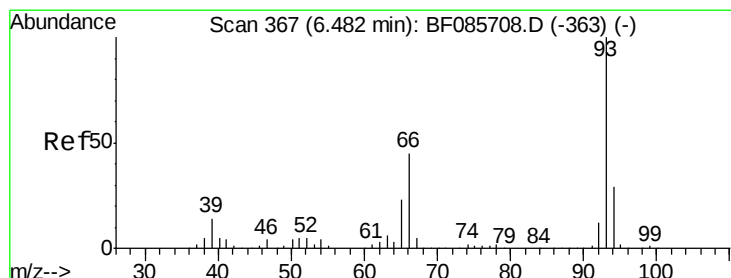
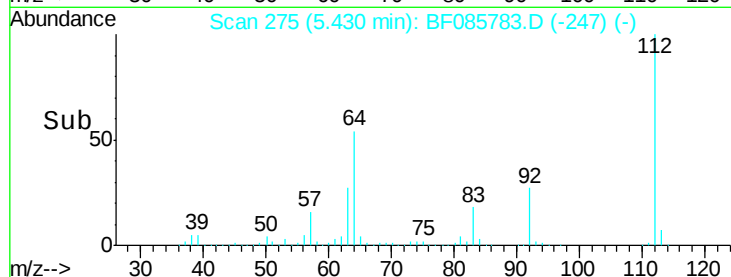
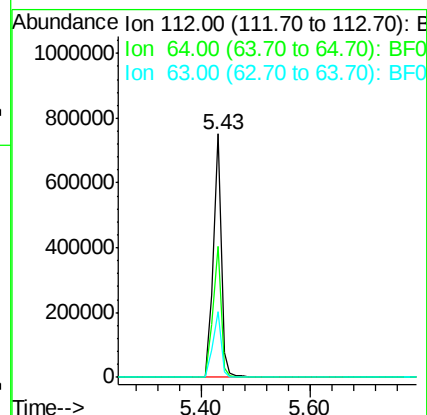
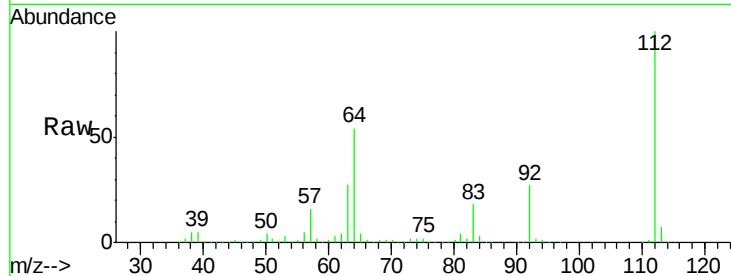
ClientSampleId :

13MSD

Tot Ion:	112	Resp:	771575
Ion Ratio	Lower	Upper	
112	100		
64	54.0	39.9	59.9
63	27.1	20.2	30.2

Manual Integrations
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3/28/2016 8:00:59 PM



#6

Aniline

Concen: 17.96 ng

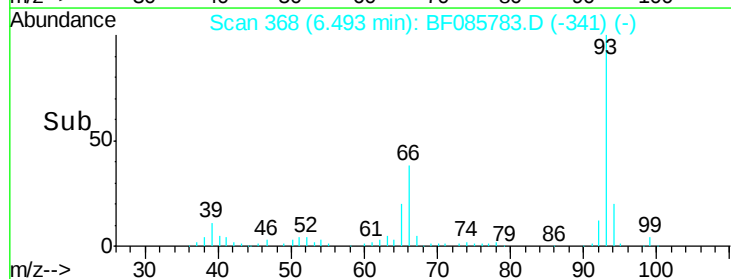
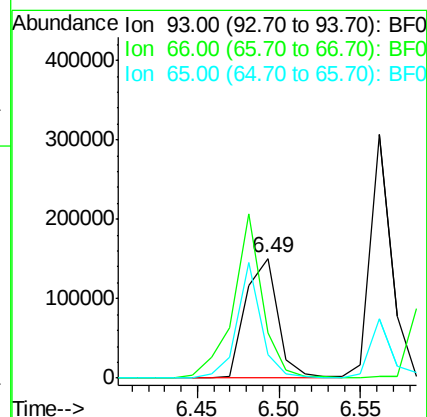
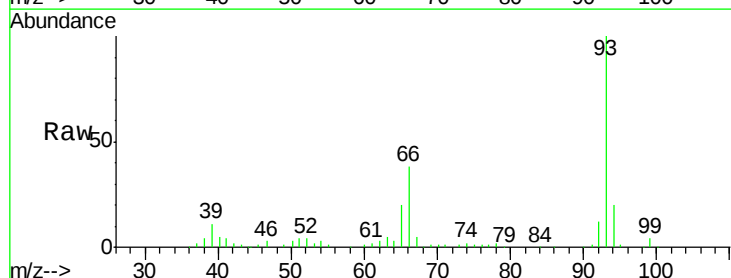
RT: 6.49 min Scan# 368

Delta R.T. 0.01 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion:	93	Resp:	208168
Ion Ratio	Lower	Upper	
93	100		
66	37.7	31.4	47.2
65	20.1	15.7	23.5





#7

Phenol-d6

Concen: 114.03 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

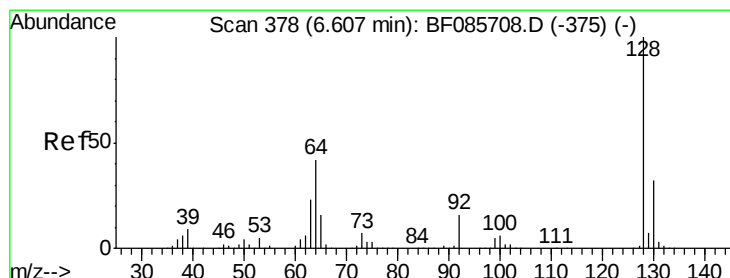
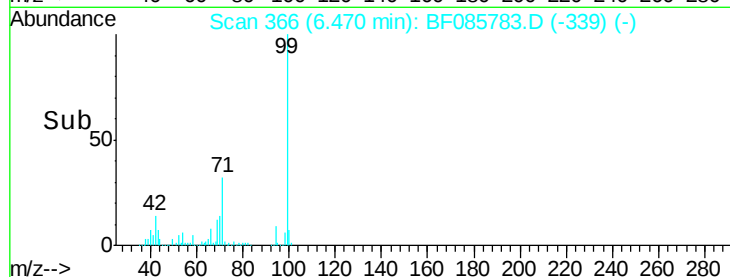
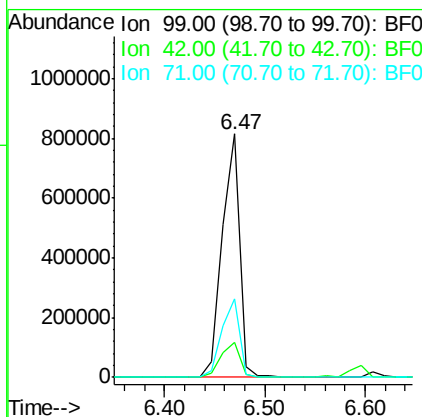
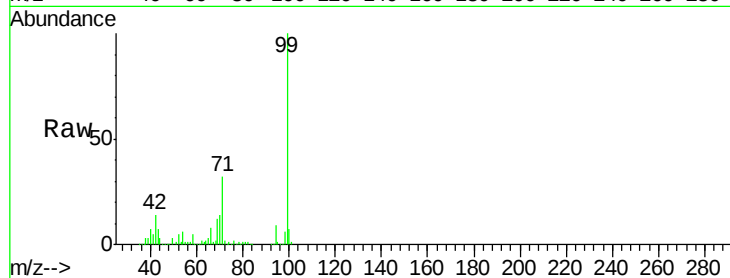
ClientSampled :

13MSD

Tot Ion:	99	Resp:	981838
Ion Ratio	Lower	Upper	
99	100		
42	14.4	11.1	16.7
71	32.0	24.9	37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.36 ng

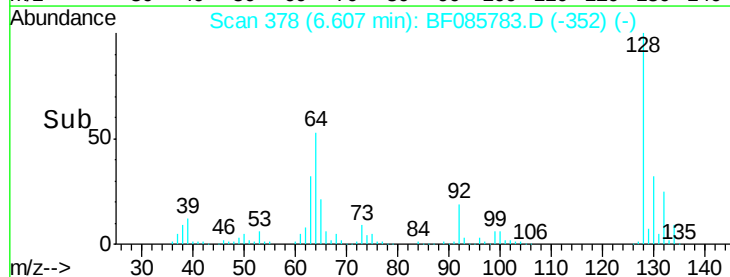
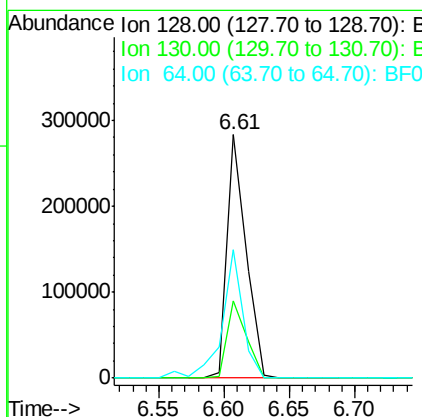
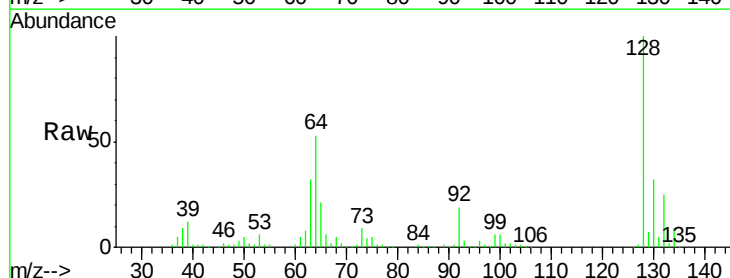
RT: 6.61 min Scan# 378

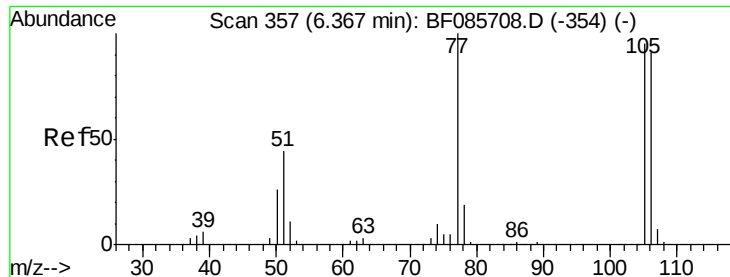
Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion:	128	Resp:	286135
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.9	52.9
64	52.8	20.2	60.2





#9

Benzaldehyde

Concen: 10.13 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

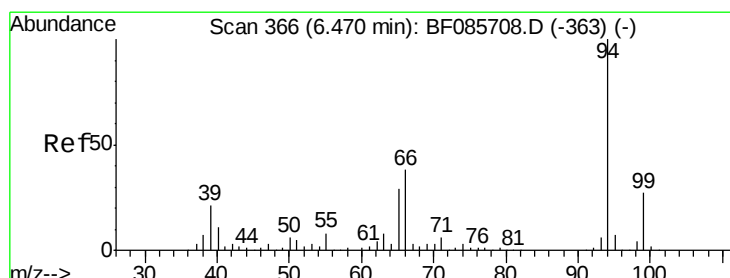
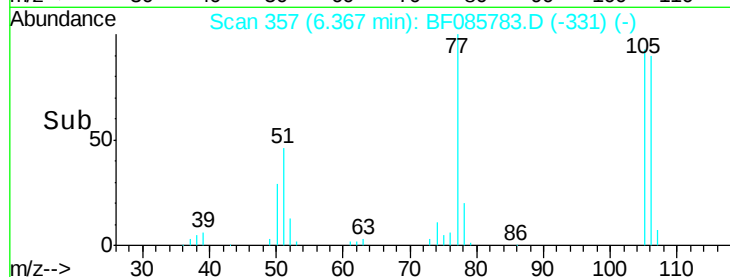
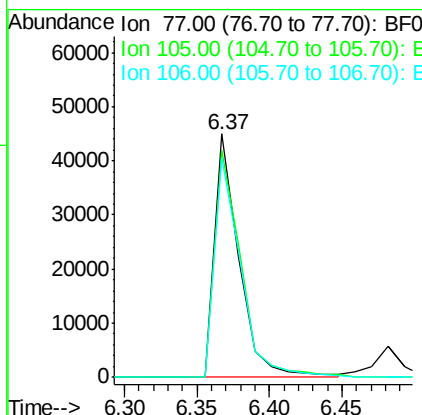
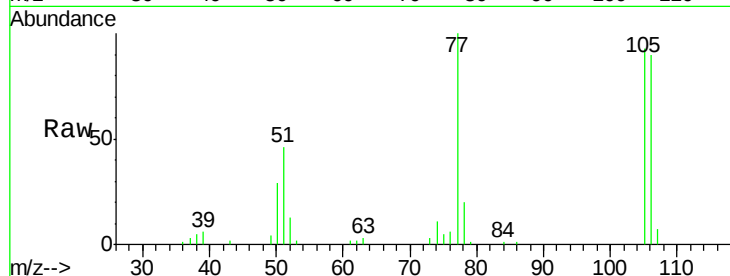
ClientSampleId :

13MSD

Tot Ion:	77	Resp:	52532
Ion	Ratio	Lower	Upper
77	100		
105	93.2	80.1	120.1
106	90.0	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 43.30 ng

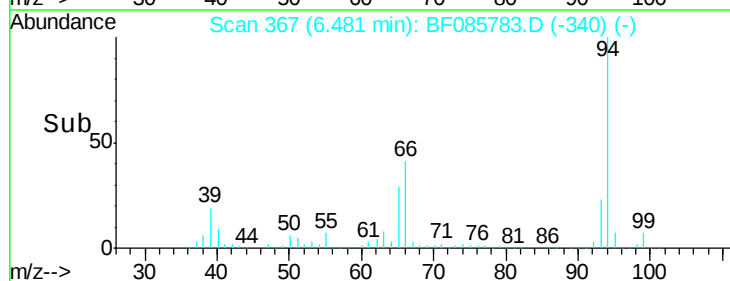
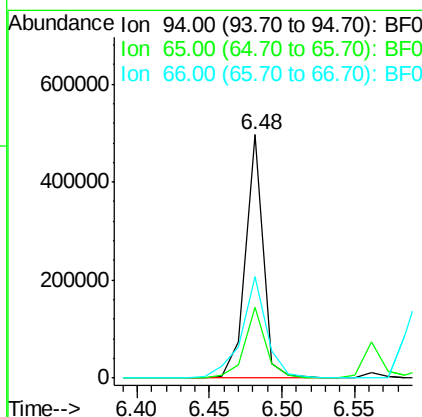
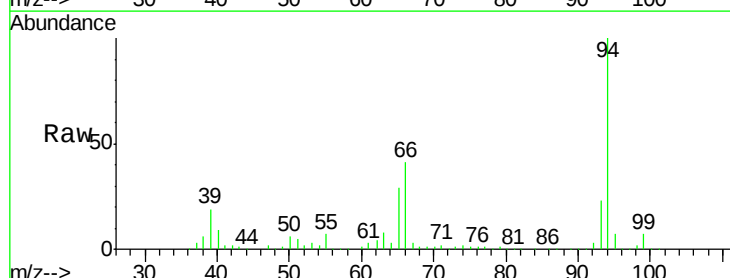
RT: 6.48 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion:	94	Resp:	422362
Ion	Ratio	Lower	Upper
94	100		
65	29.3	8.6	48.6
66	41.5	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 36.98 ng m

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

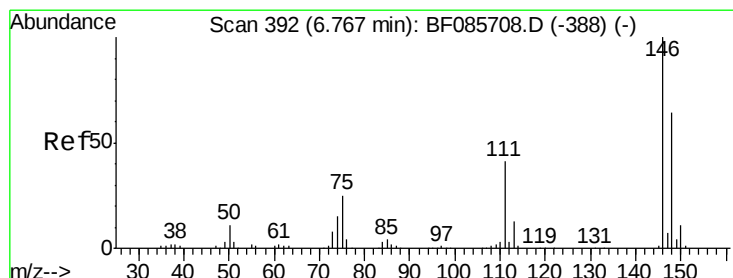
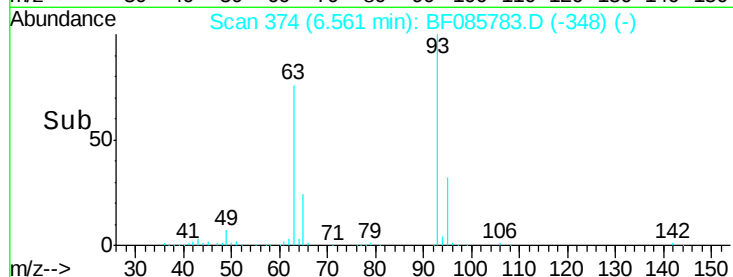
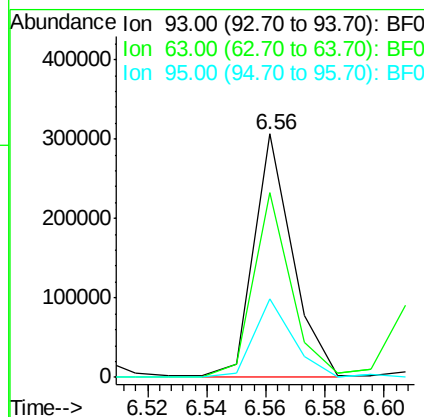
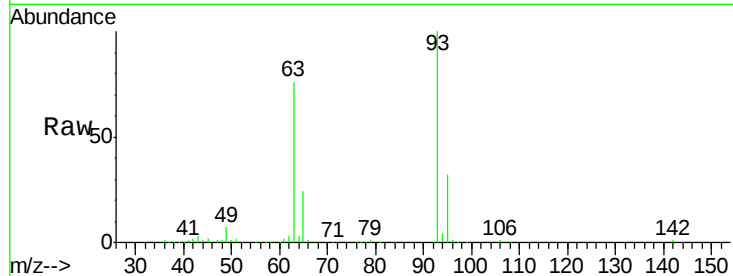
ClientSampleId :

13MSD

Tot Ion:	93	Resp:	277623
Ion Ratio	Lower	Upper	
93	100		
63	75.7	50.9	90.9
95	32.4	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 38.21 ng m

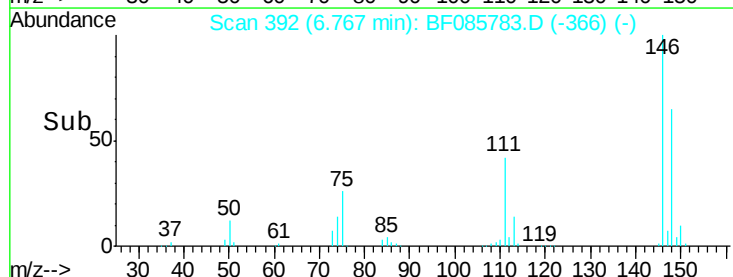
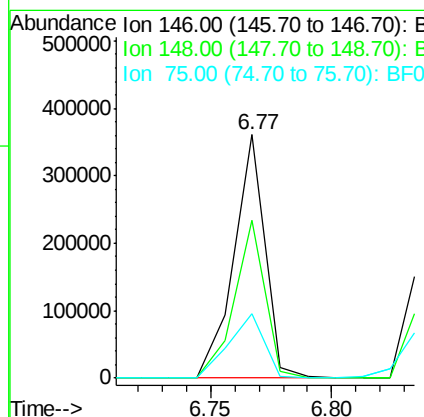
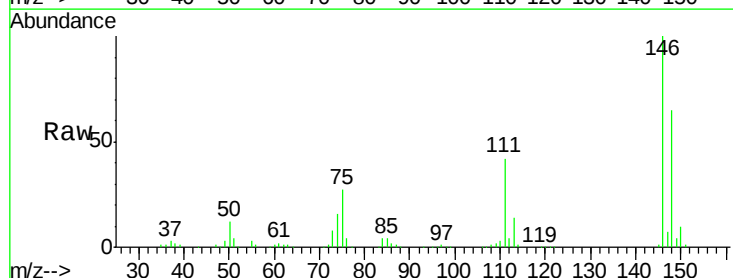
RT: 6.77 min Scan# 392

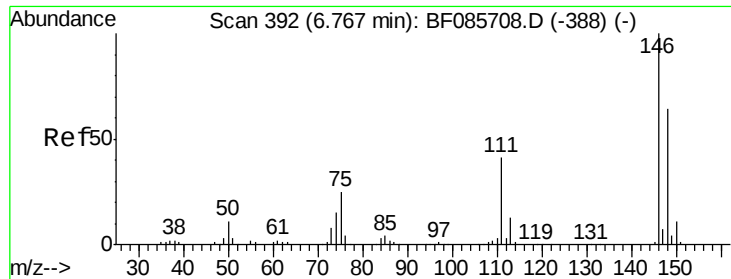
Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion:	146	Resp:	323757
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.3	78.5
75	26.6	17.4	26.2





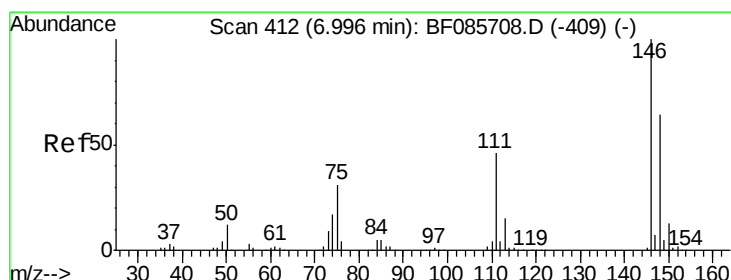
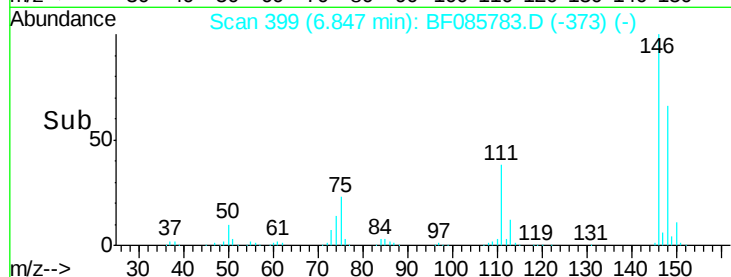
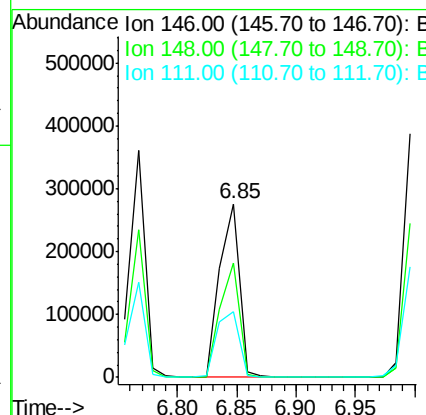
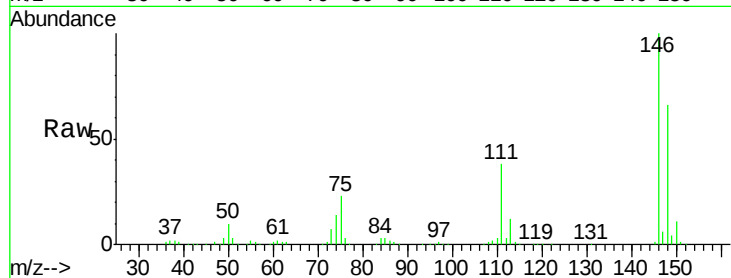
#13
 1,4-Dichlorobenzene
 Concen: 36.92 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Instrument :
 BNA_F
 ClientSampled :
 13MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.6	76.0
111	37.9	37.8	56.6

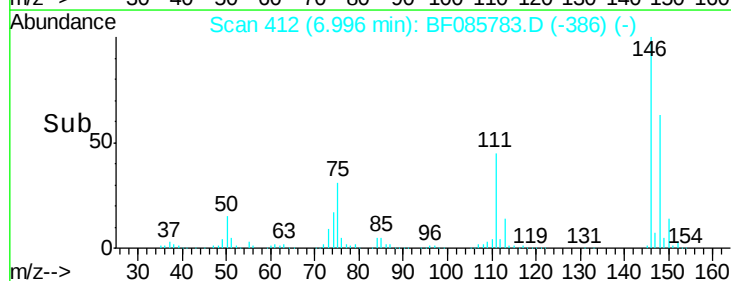
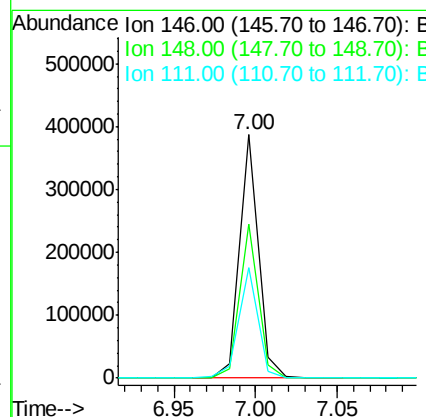
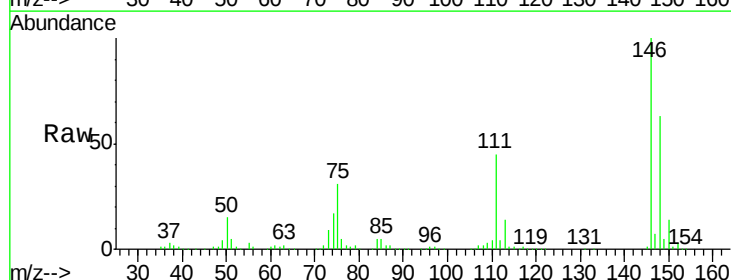
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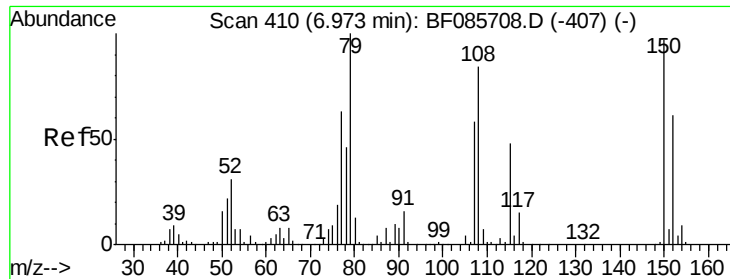
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#14
 1,2-Dichlorobenzene
 Concen: 38.17 ng
 RT: 7.00 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
111	45.3	34.6	52.0





#15

Benzyl Alcohol

Concen: 41.37 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

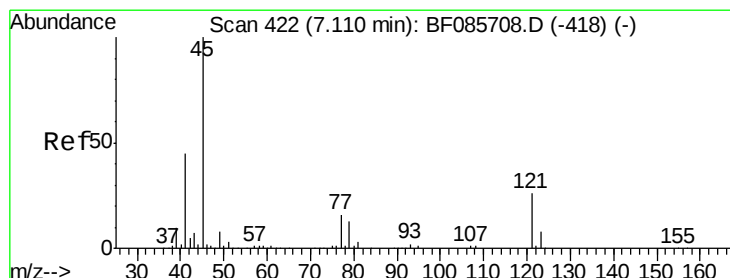
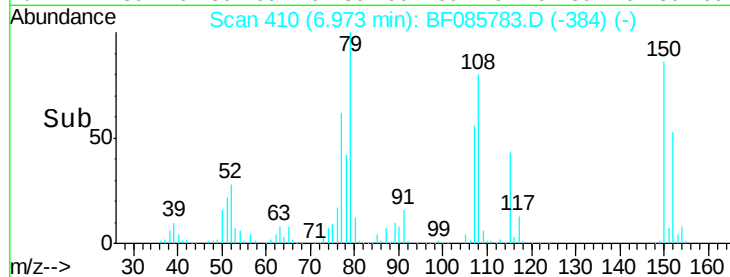
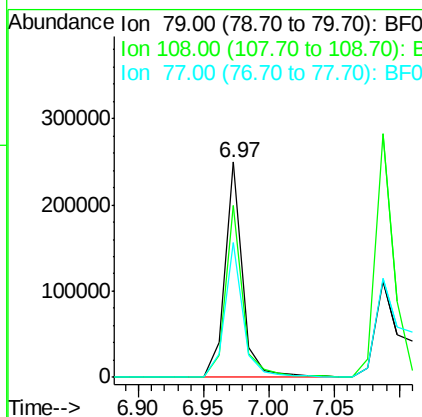
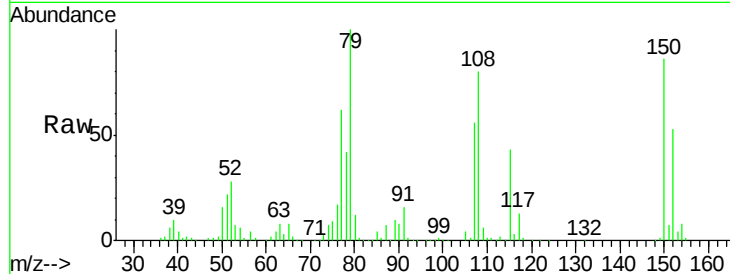
ClientSampled :

13MSD

Tot Ion:	79	Resp:	237658
Ion Ratio	Lower	Upper	
79	100		
108	79.7	61.8	92.6
77	62.4	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.00 ng

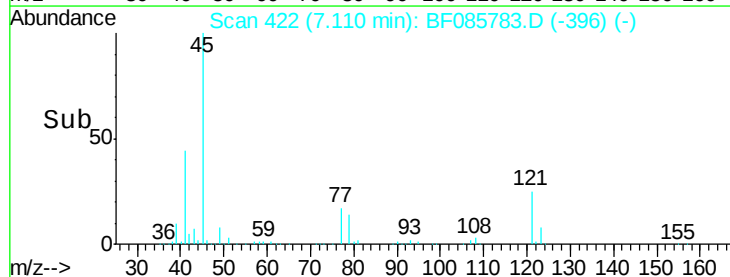
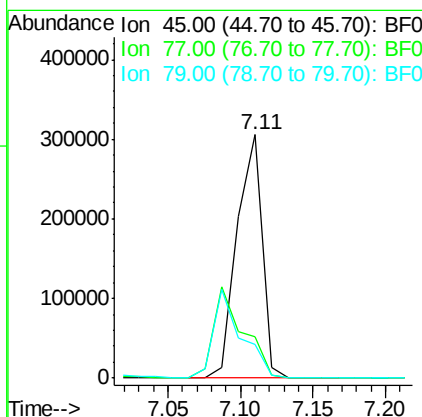
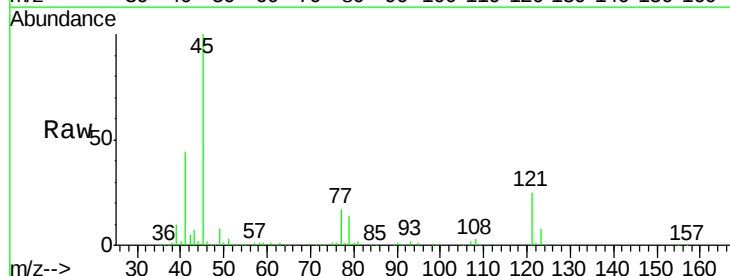
RT: 7.11 min Scan# 422

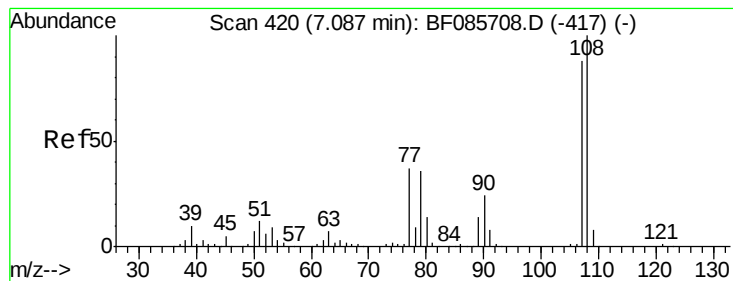
Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion:	45	Resp:	368536
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	35.7
79	13.9	0.0	32.2





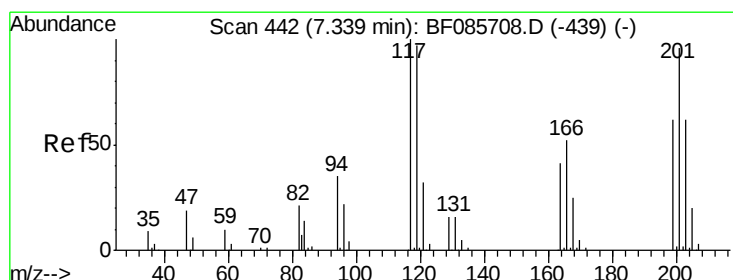
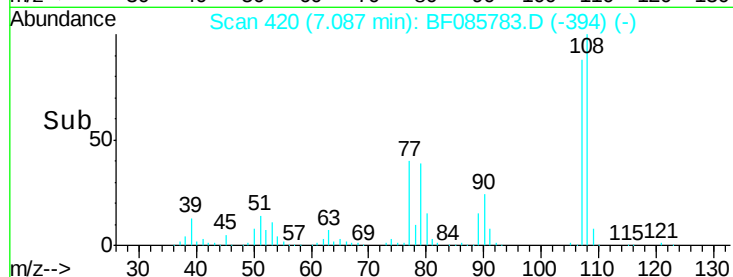
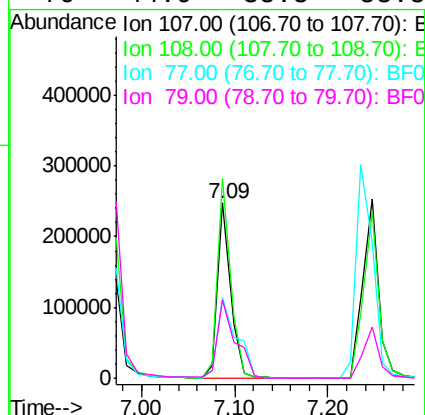
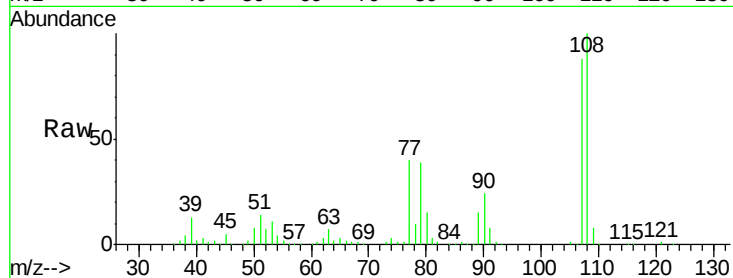
#17
2-Methylphenol
Concen: 38.93 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
ClientSampled :
13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	245201		
108	108	114.2	91.4	137.0	
77	77	46.1	36.2	54.2	
79	79	44.9	35.8	53.8	

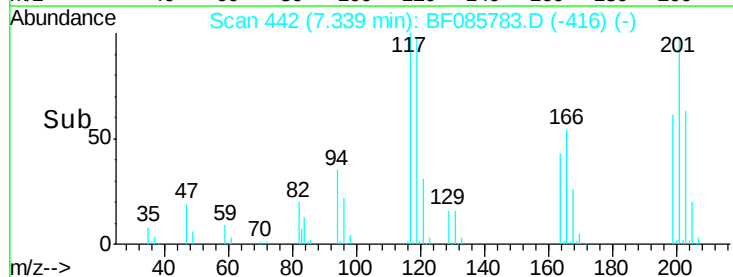
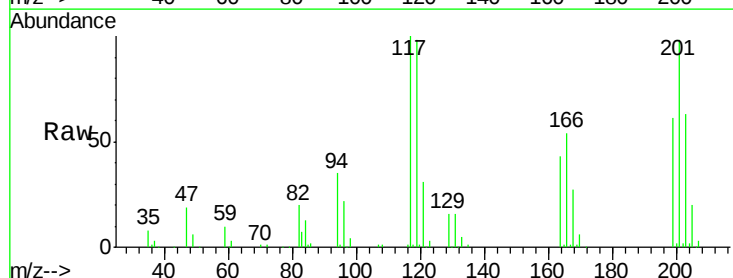
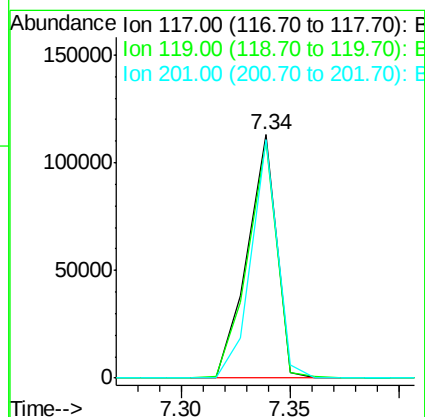
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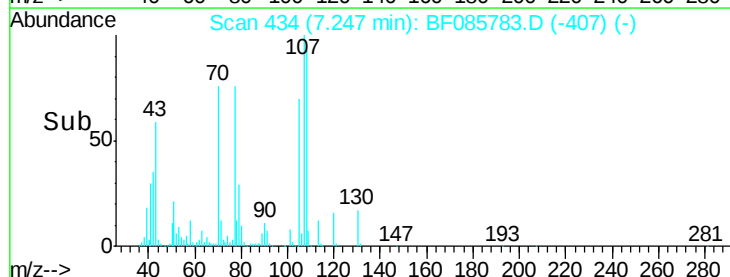
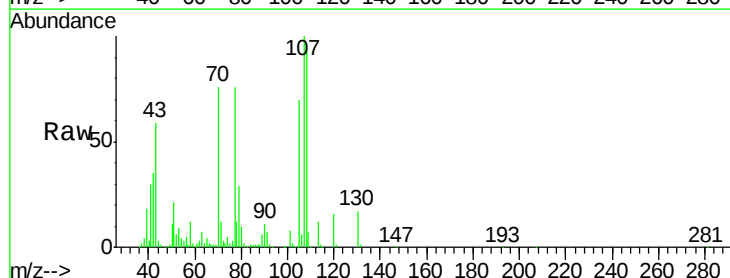
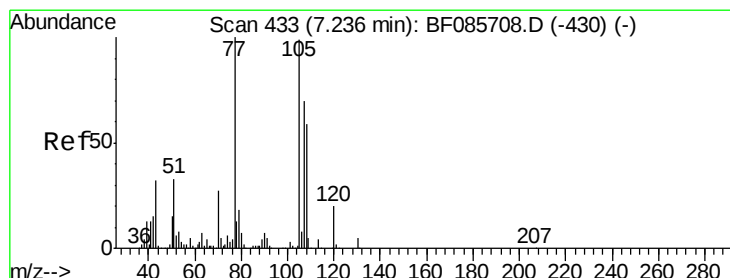
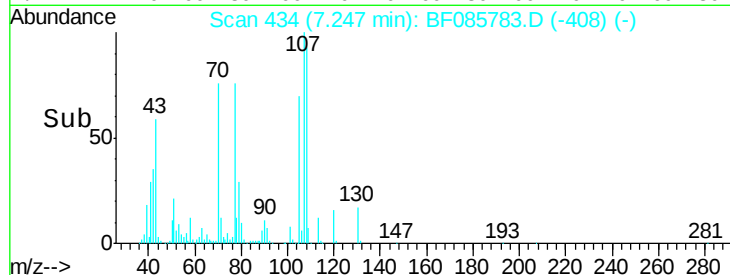
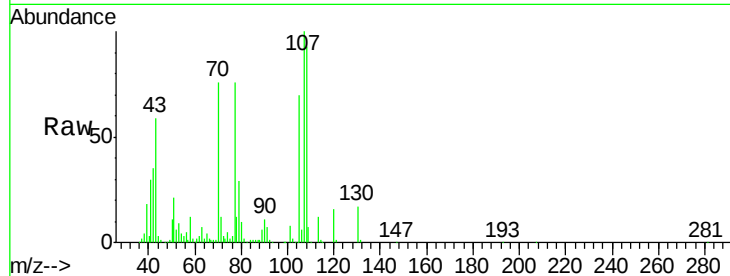
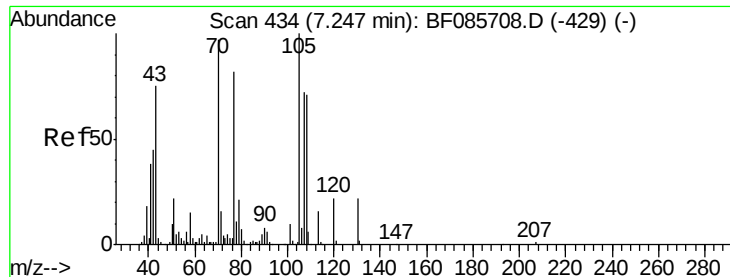
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#18
Hexachloroethane
Concen: 33.58 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	105672		
119	119	97.5	76.7	115.1	
201	201	97.7	83.3	124.9	





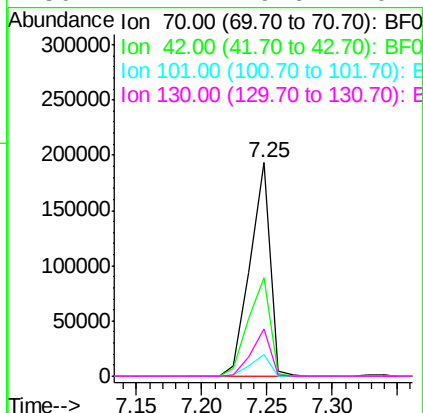
#19
n-Nitroso-di-n-propylamine
Concen: 40.20 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
ClientSampleId :
13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	46.3	37.1	55.7		
101	10.1	8.6	12.8		
130	22.2	19.6	29.4		

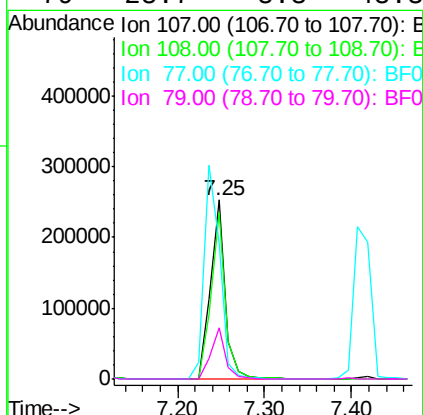
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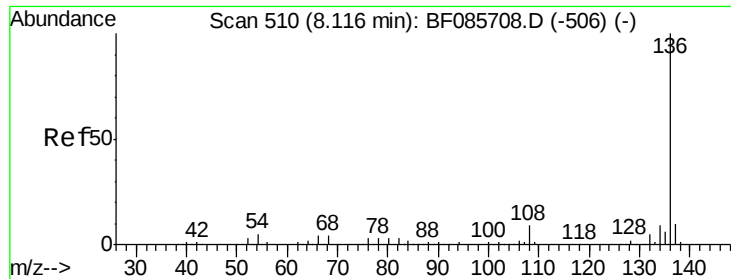
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#20
3+4-Methylphenols
Concen: 40.02 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.0	69.3	109.3		
77	76.0	101.7	141.7		
79	28.7	8.3	48.3		





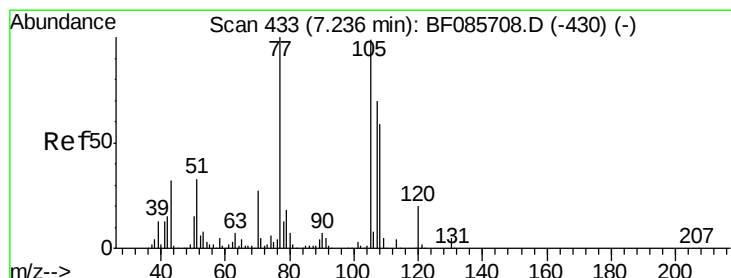
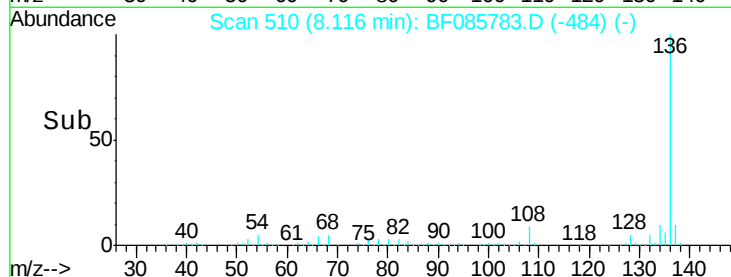
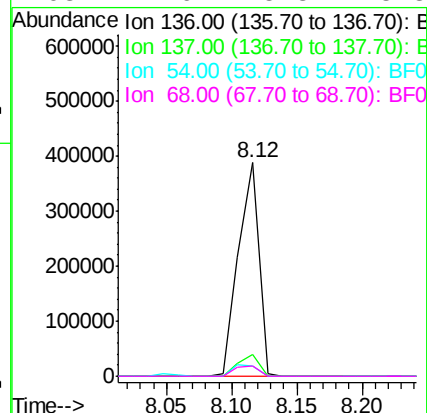
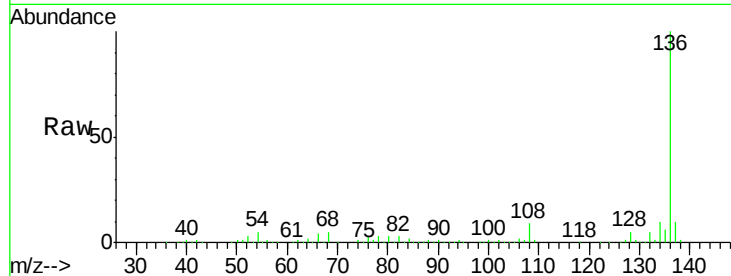
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
ClientSampleId :
13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		422806		
137	10.5	9.1	13.7		
54	5.1	7.4	11.0		
68	4.6	5.8	8.8		

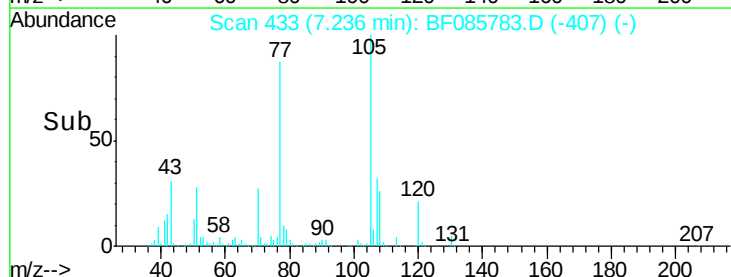
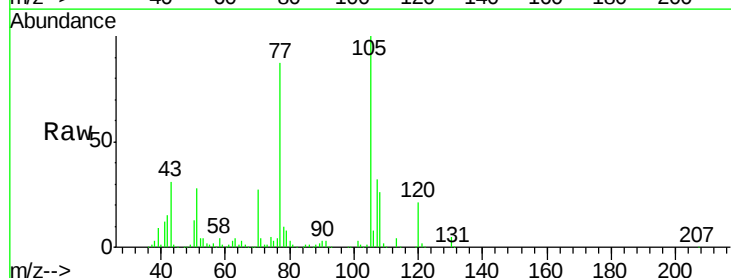
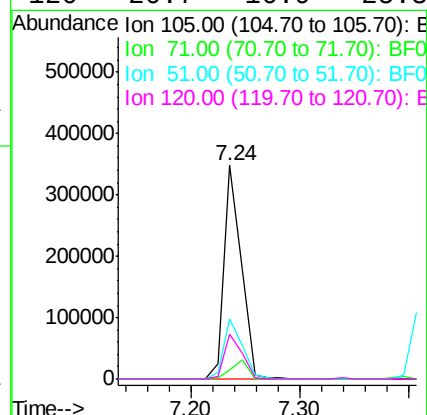
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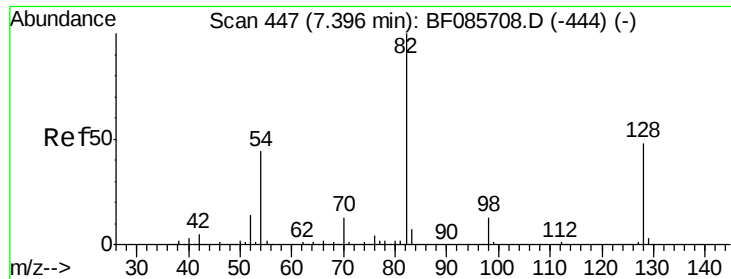
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#22
Acetophenone
Concen: 39.10 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		385178		
71	4.4	3.6	5.4		
51	28.4	25.4	38.0		
120	20.7	16.9	25.3		





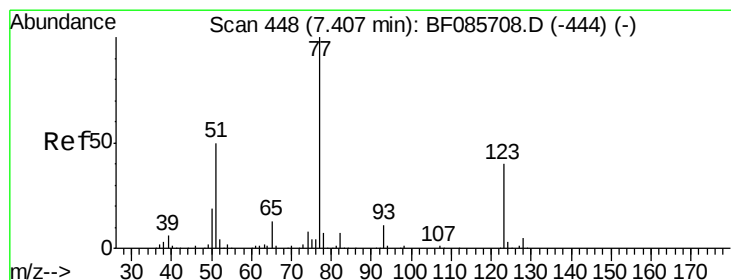
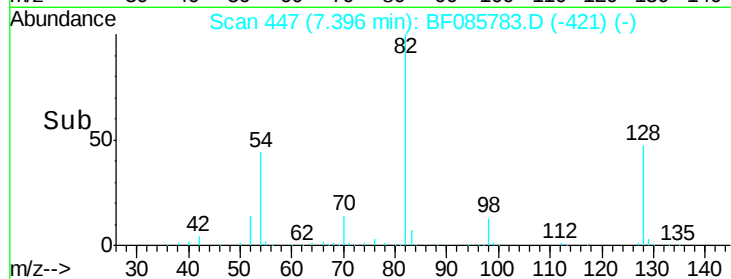
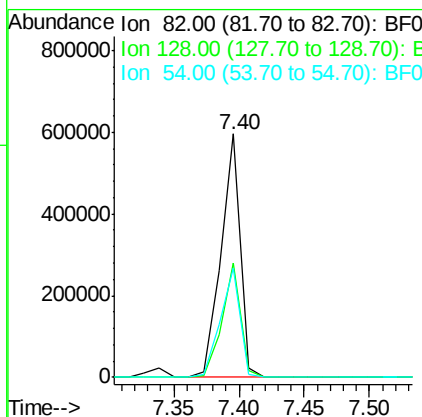
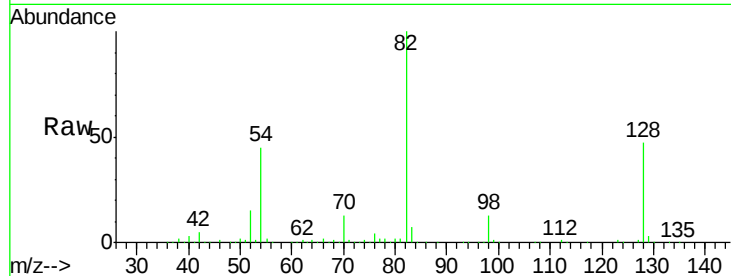
#23
Nitrobenzene-d5
Concen: 81.98 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
ClientSampled :
13MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	615499		
128	47.2		41.8	62.8
54	44.8		33.4	50.0

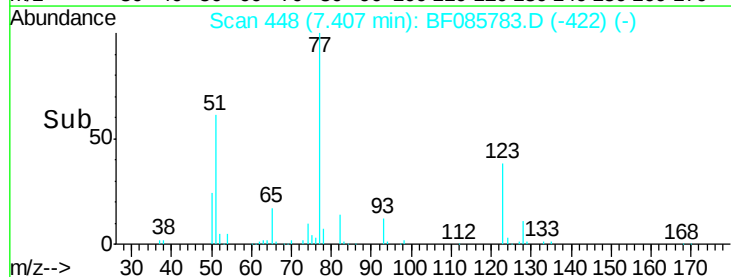
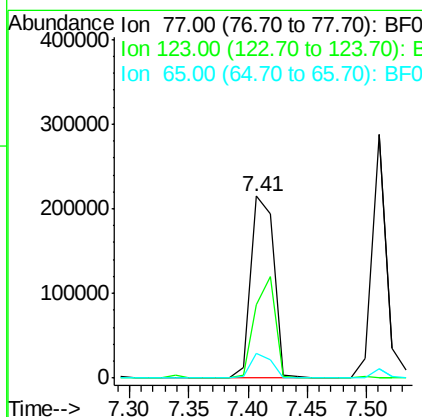
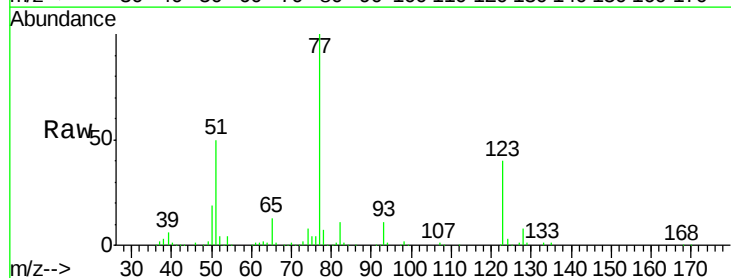
Manual Integrations
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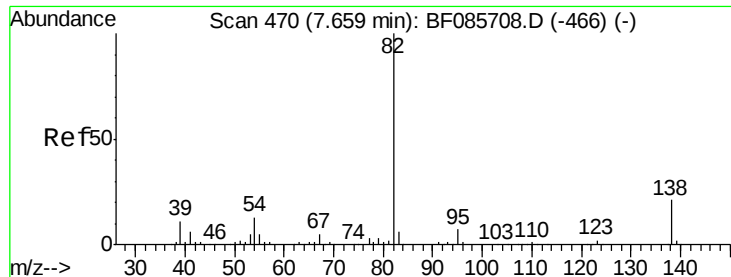
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#24
Nitrobenzene
Concen: 37.64 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	291326		
123	40.1		35.0	52.4
65	13.3		10.6	16.0





#25

Isophorone

Concen: 38.06 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

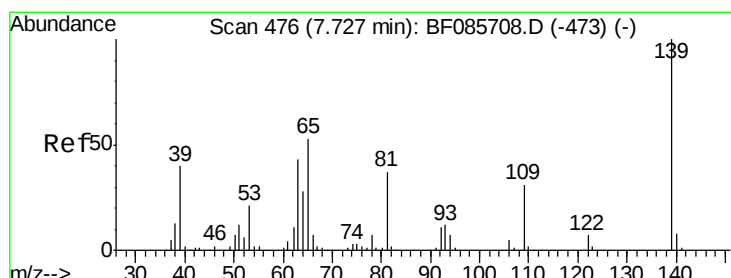
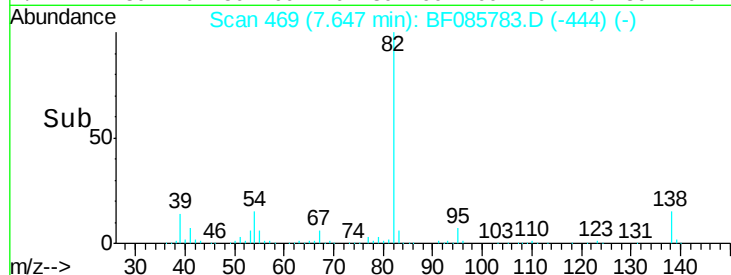
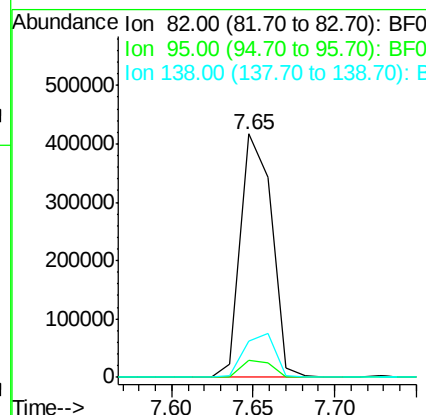
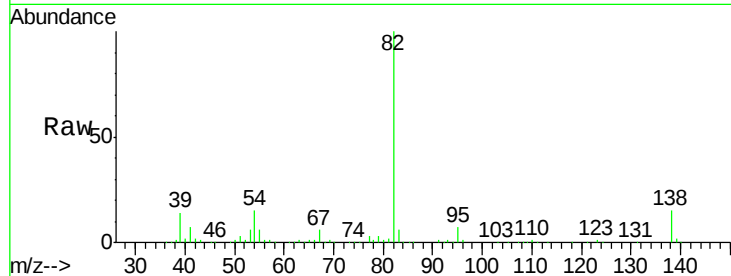
ClientSampled :

13MSD

Tot Ion:	82	Resp:	550529
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.4	8.2
138	15.0	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.88 ng

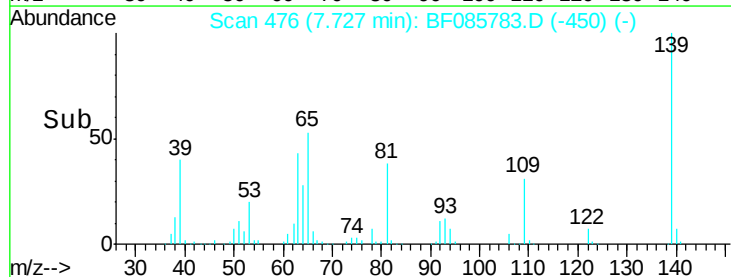
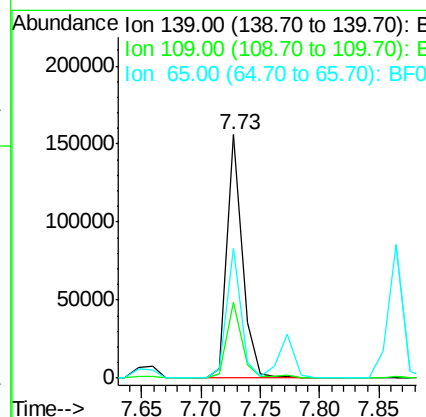
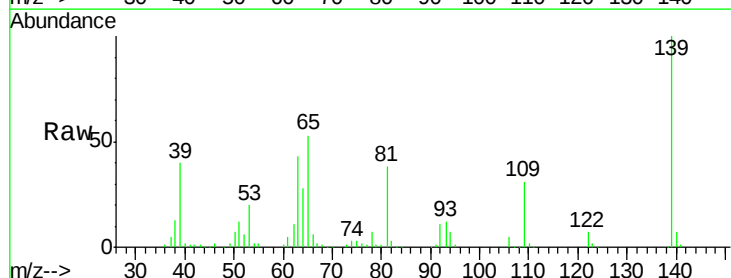
RT: 7.73 min Scan# 476

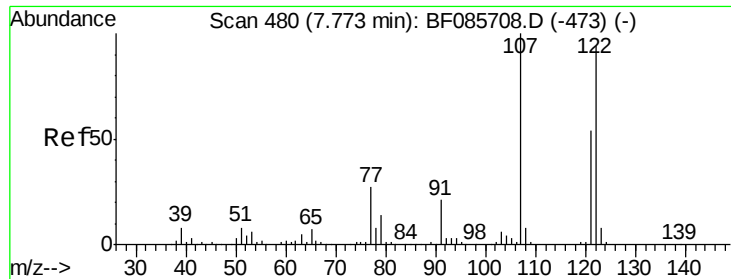
Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion:	139	Resp:	138921
Ion Ratio		Lower	Upper
139	100		
109	31.3	22.1	33.1
65	53.4	33.9	50.9#





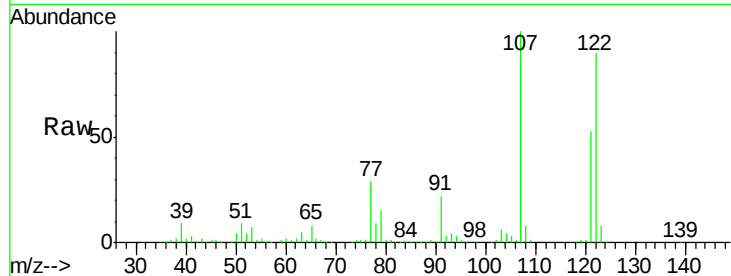
#27
2,4-Dimethylphenol
Concen: 42.27 ng
RT: 7.77 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
ClientSampleId :
13MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	286087		
107	110.8	93.0	139.6	
121	58.9	45.9	68.9	

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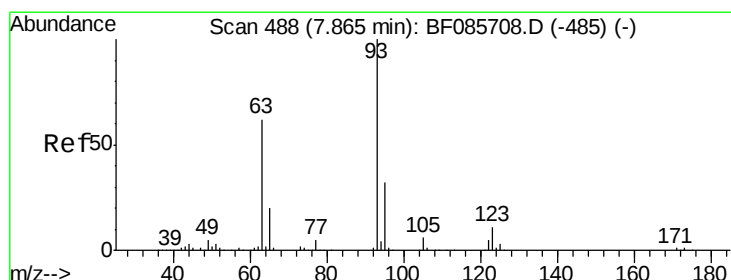
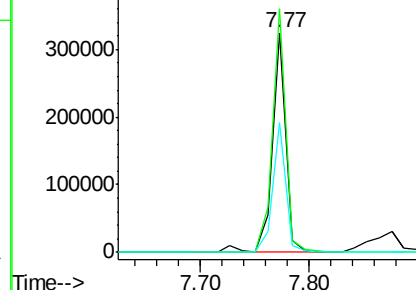
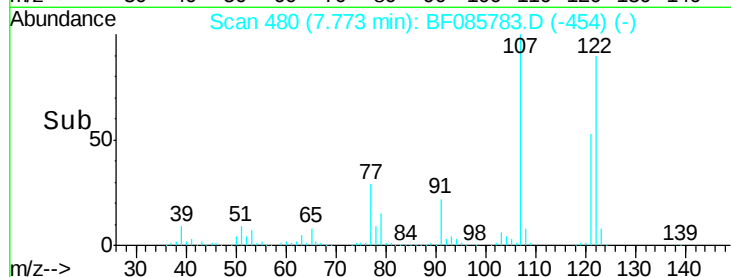


Abundance

Ion 122.00 (121.70 to 122.70): E

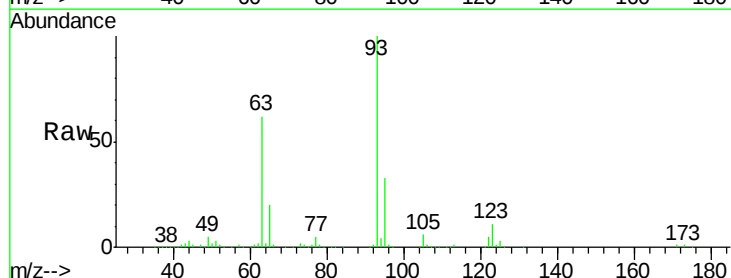
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 44.44 ng
RT: 7.86 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	366225		
95	33.0	26.4	39.6	
123	11.2	9.8	14.6	

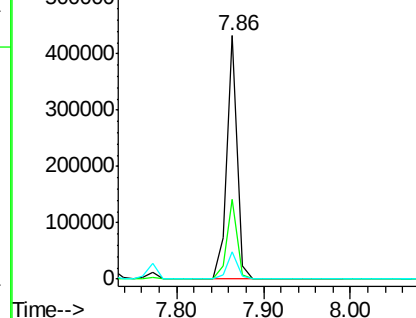
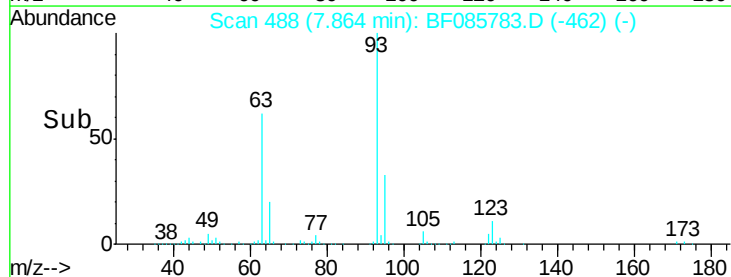


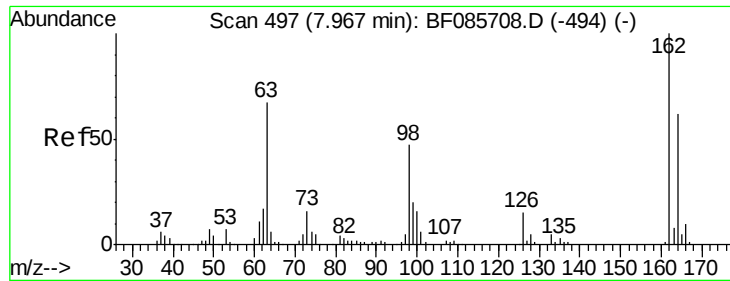
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





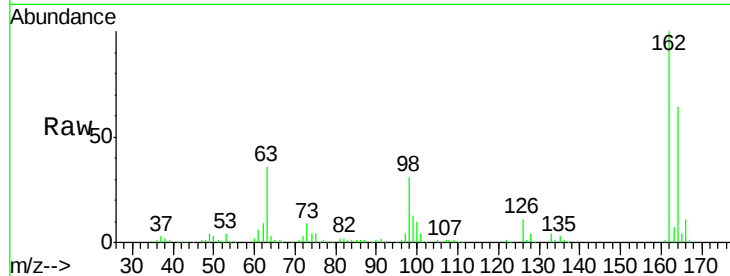
#29
 2,4-Dichlorophenol
 Concen: 39.15 ng
 RT: 7.98 min Scan# 498
 Delta R.T. 0.01 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Instrument :
 BNA_F
 ClientSampled :
 13MSD

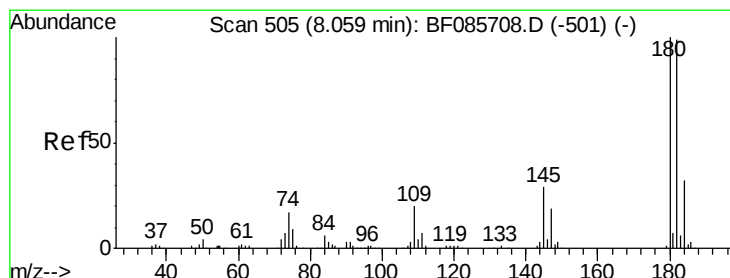
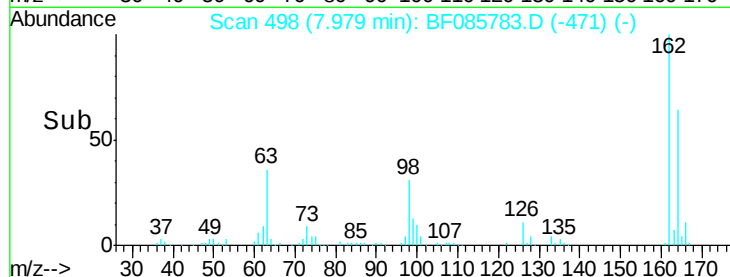
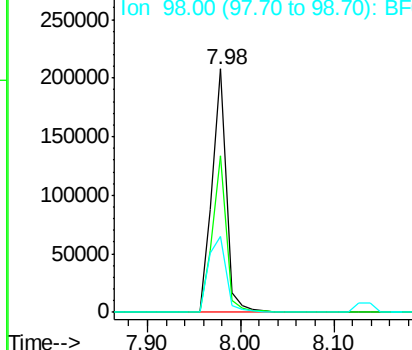
Tot Ion	Ratio	Resp	Lower	Upper
162	100	222764		
164	64.3	43.7	83.7	
98	31.1	20.4	60.4	

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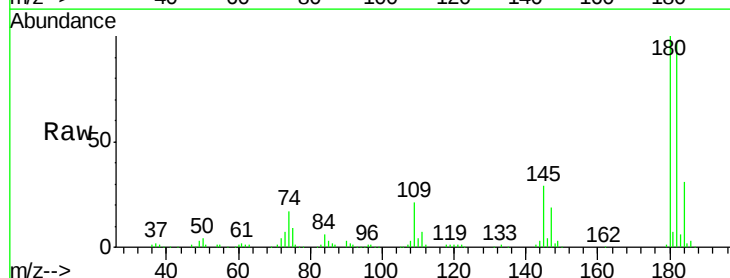


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

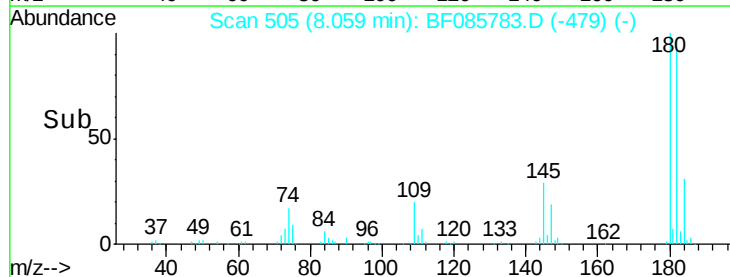
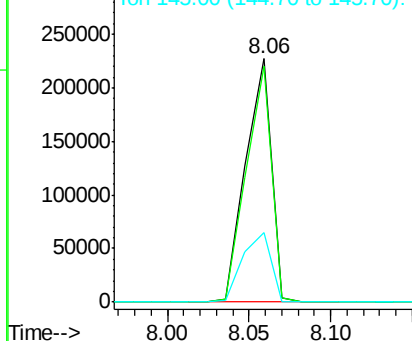


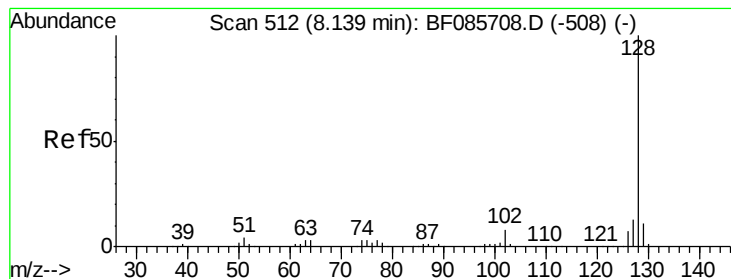
#30
 1,2,4-Trichlorobenzene
 Concen: 39.20 ng
 RT: 8.06 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	247628		
182	96.8	73.8	110.8	
145	28.5	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: 38.04 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

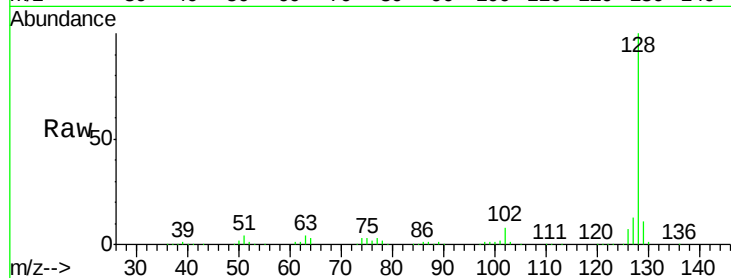
ClientSampleId :

13MSD

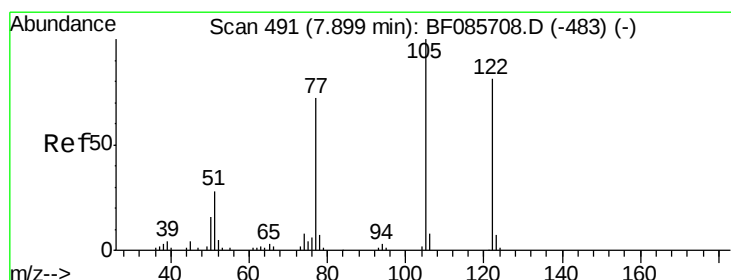
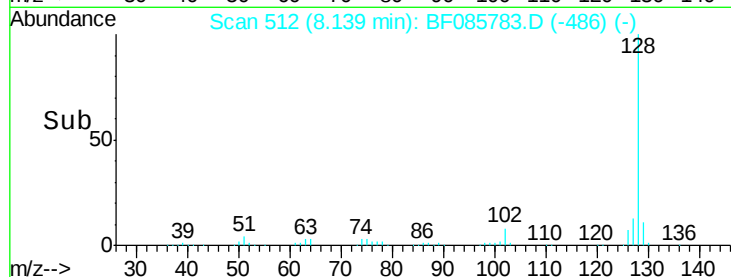
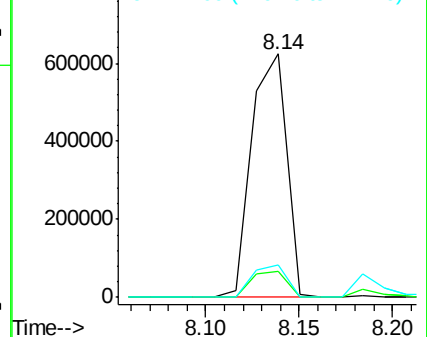
Tot Ion:	128	Resp:	810388
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.4	14.0
127	13.1	11.0	16.6

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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: 16.49 ng m

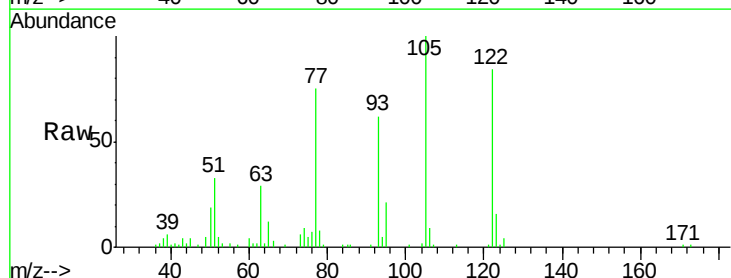
RT: 7.88 min Scan# 489

Delta R.T. -0.02 min

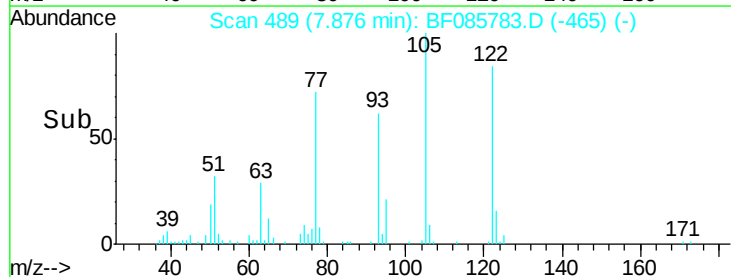
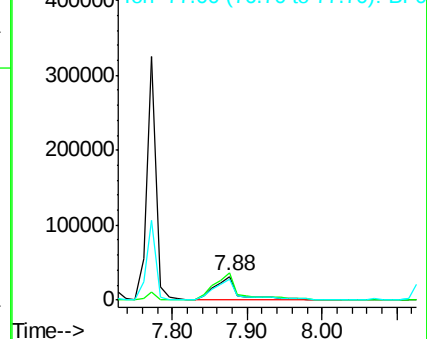
Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion:	122	Resp:	74105
Ion Ratio	Lower	Upper	
122	100		
105	118.5	102.9	142.9
77	88.5	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





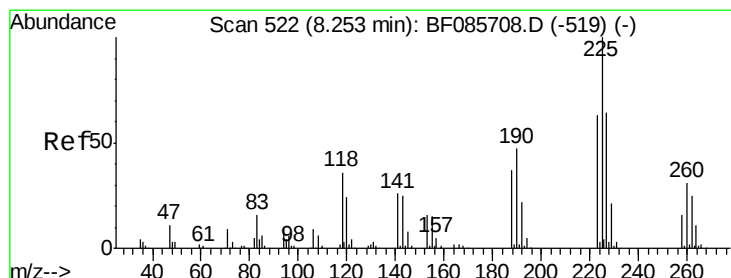
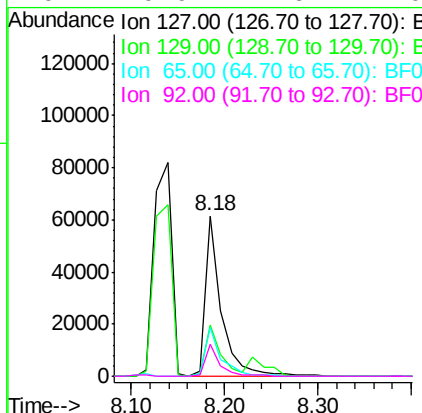
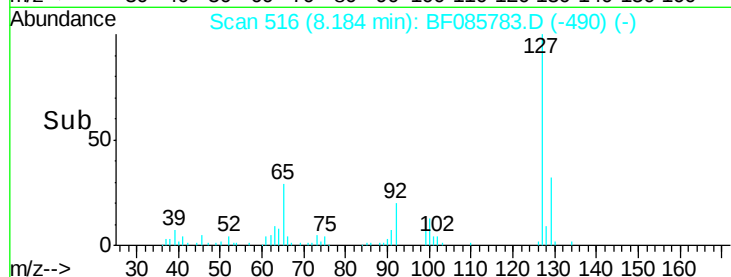
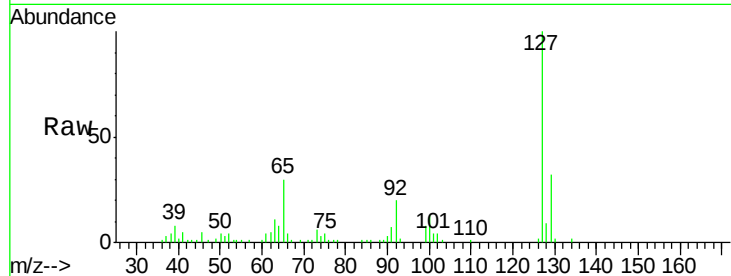
#33
4-Chloroaniline
Concen: 8.50 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
ClientSampleId :
13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.1	39.1		
65	30.1	19.5	29.3		
92	19.9	14.6	22.0		

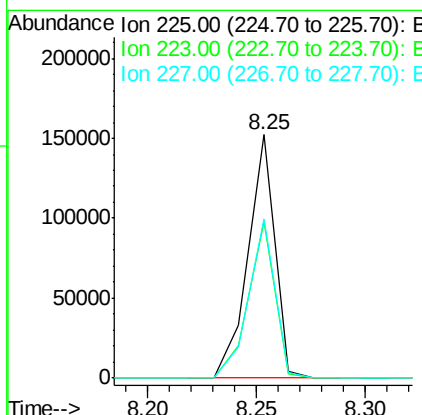
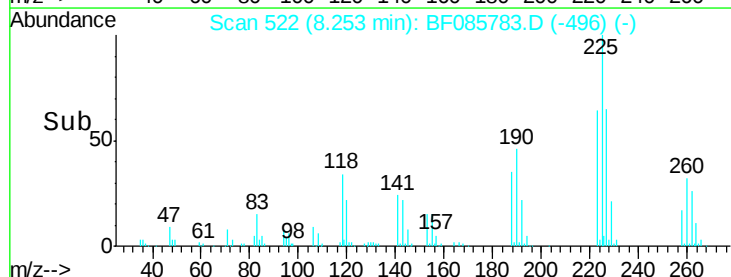
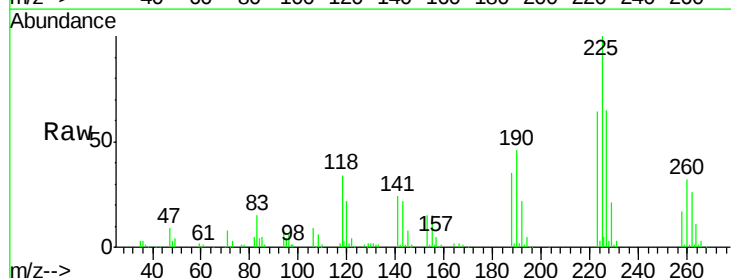
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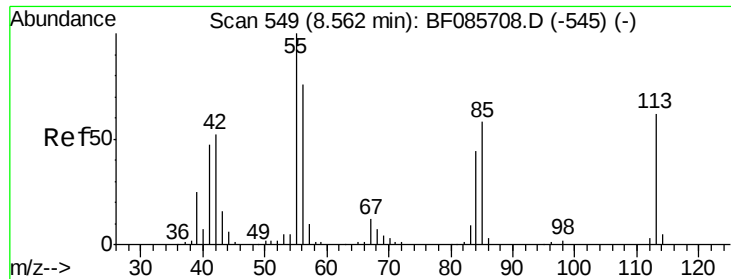
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#34
Hexachlorobutadiene
Concen: 37.92 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	50.4	75.6		
227	65.2	51.4	77.2		





#35

Caprolactam

Concen: 33.65 ng

RT: 8.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

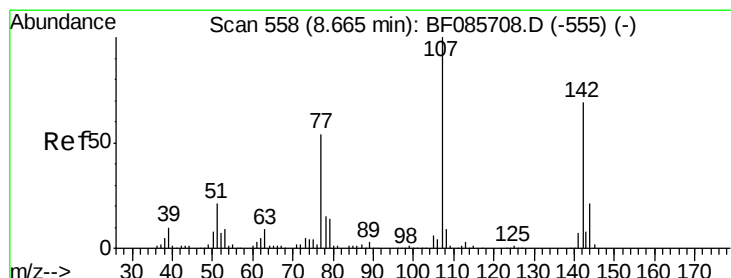
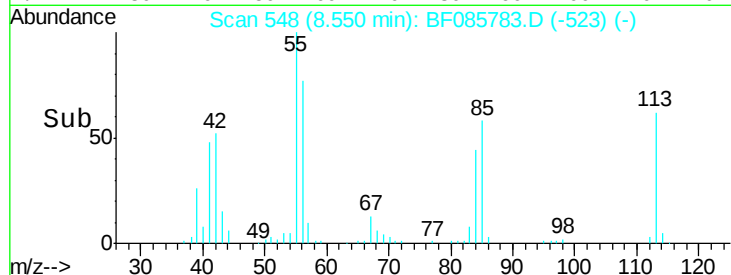
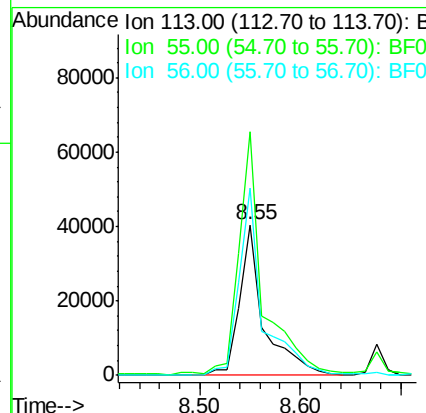
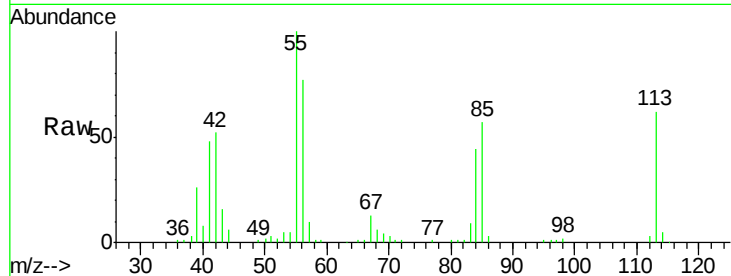
ClientSampled :

13MSD

Tot Ion:	113	Resp:	67812
Ion Ratio	Lower	Upper	
113	100		
55	162.0	139.4	179.4
56	124.6	100.4	140.4

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#36

4-Chloro-3-methylphenol

Concen: 37.03 ng

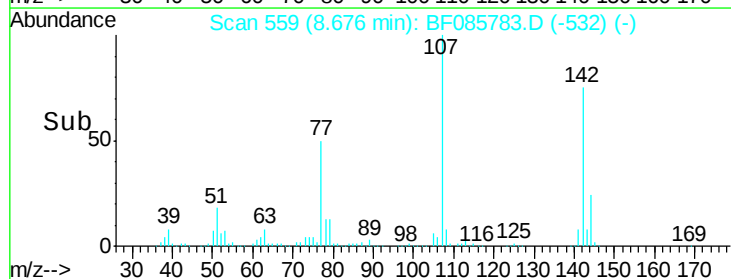
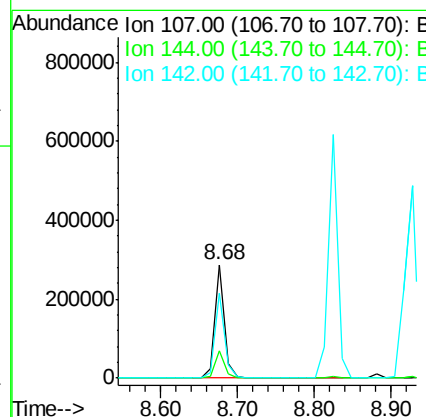
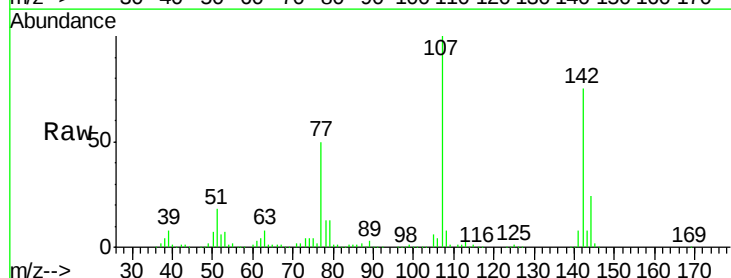
RT: 8.68 min Scan# 559

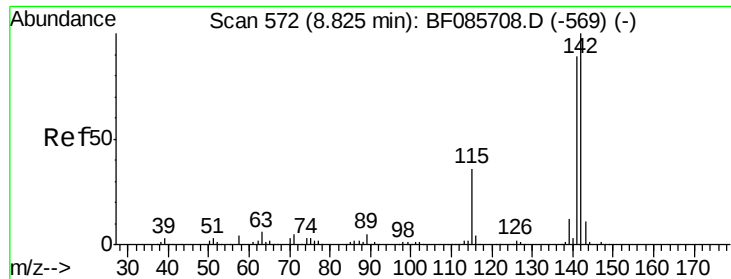
Delta R.T. 0.01 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion:	107	Resp:	246091
Ion Ratio	Lower	Upper	
107	100		
144	23.9	19.3	28.9
142	74.7	61.4	92.0





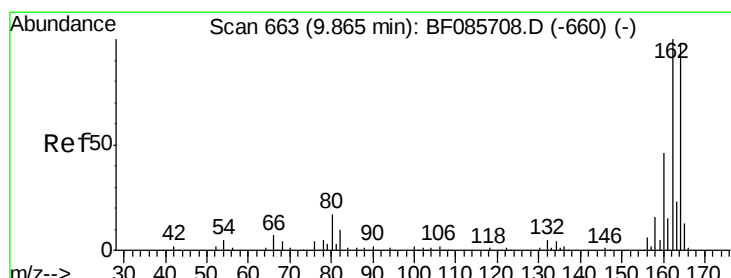
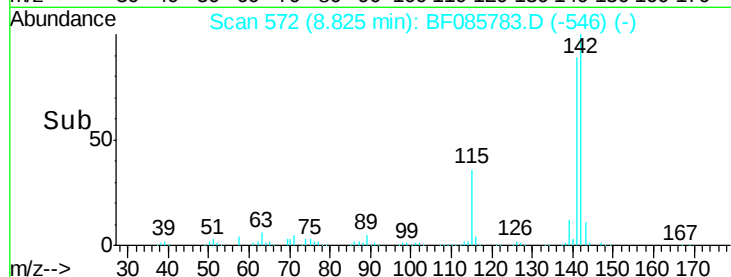
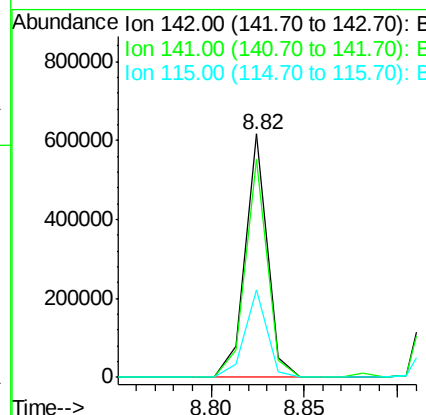
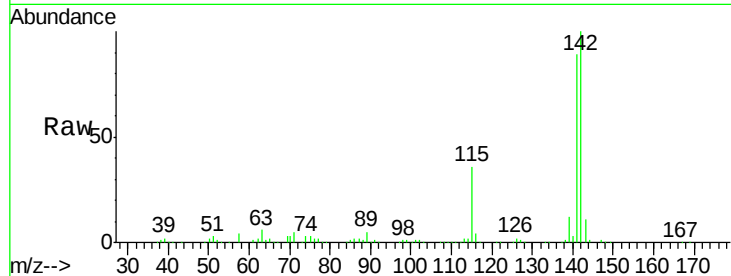
#37
2-Methylnaphthalene
Concen: 40.35 ng
RT: 8.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
ClientSampleId :
13MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.6	107.4
115	35.8	26.8	40.2

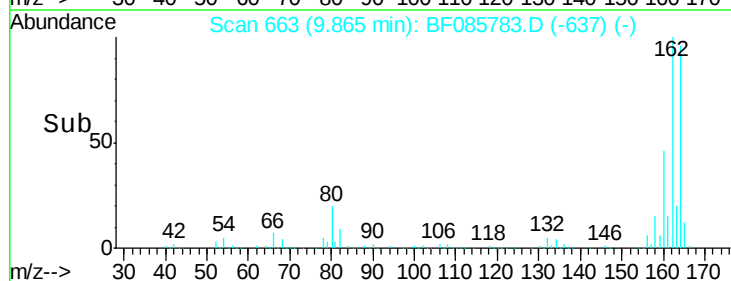
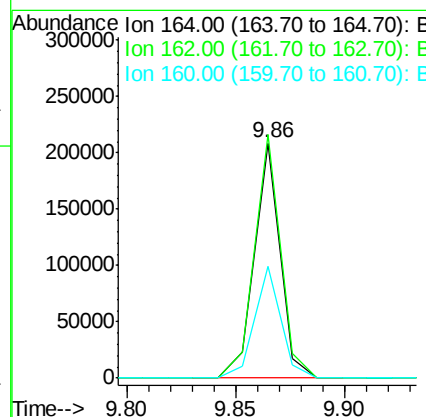
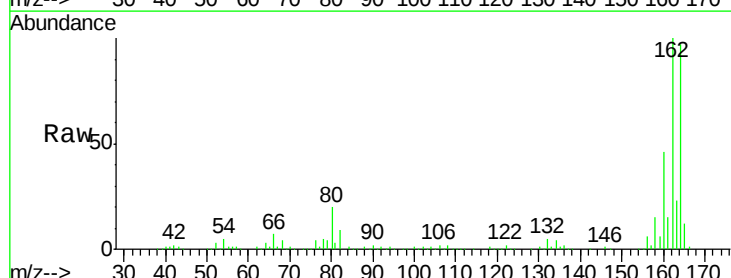
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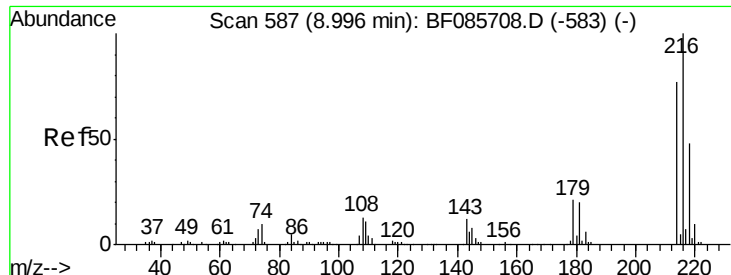
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.1	123.1
160	47.6	37.4	56.2





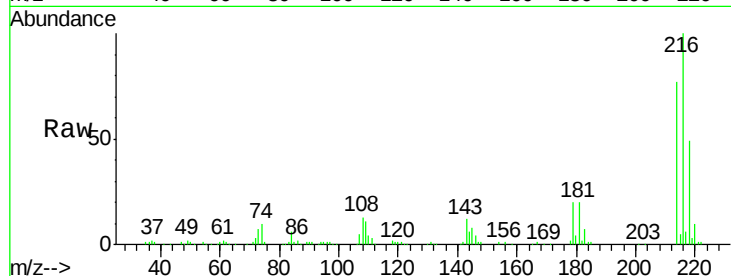
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.66 ng
 RT: 9.00 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

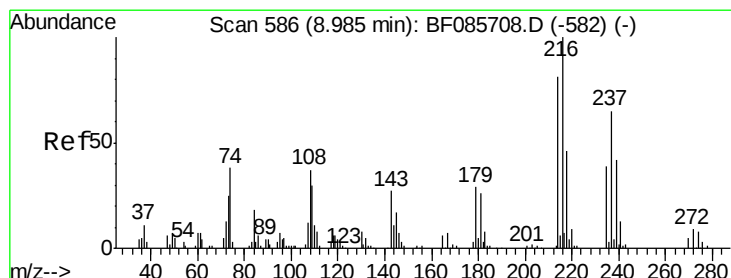
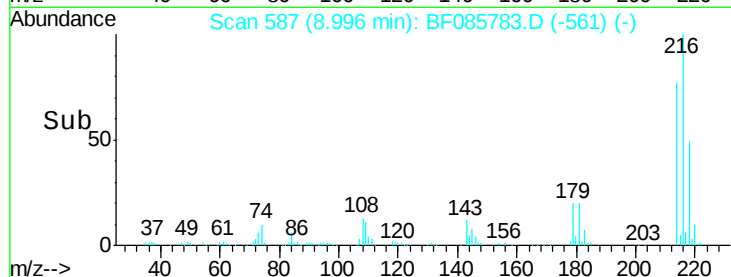
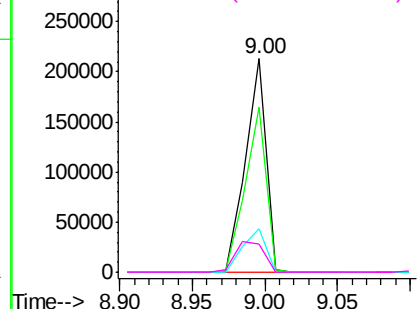
Tot Ion	Ratio	Resp	Lower	Upper
216	100	211299		
214	77.7	63.1	94.7	
179	22.5	18.2	27.2	
108	19.9	17.3	25.9	

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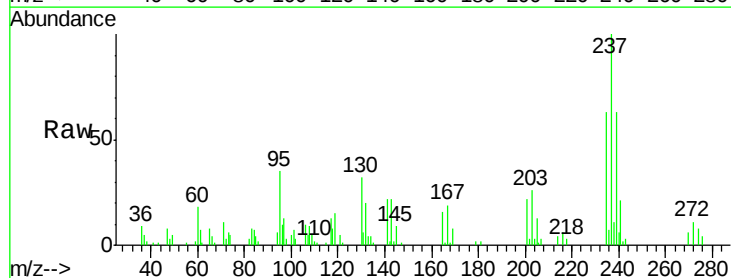


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

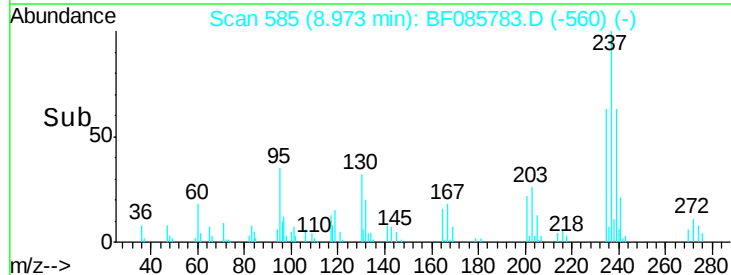
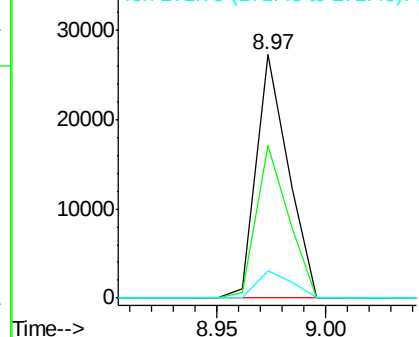


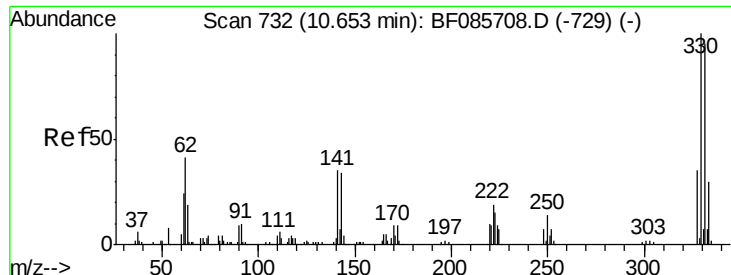
#40
 Hexachlorocyclopentadiene
 Concen: 20.87 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	27893		
235	62.8	43.7	83.7	
272	11.0	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





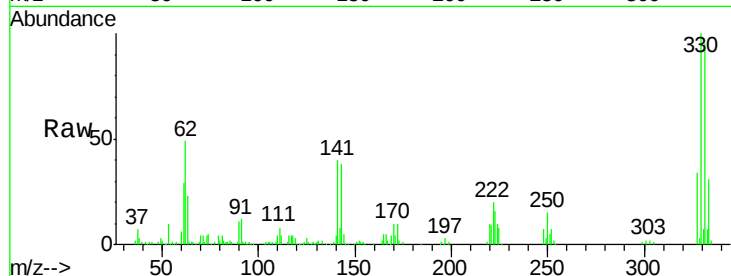
#41
 2,4,6-Tribromophenol
 Concen: 99.29 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Instrument :
 BNA_F
 ClientSampled :
 13MSD

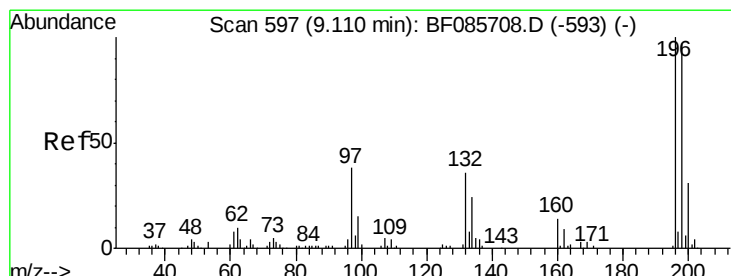
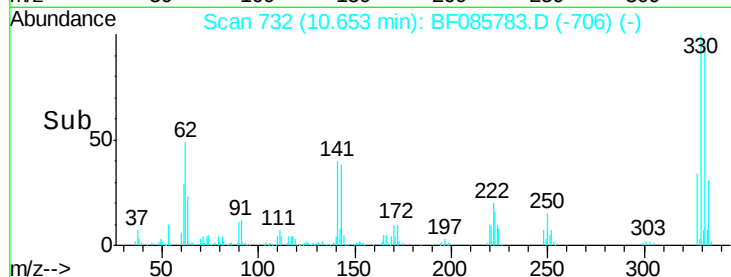
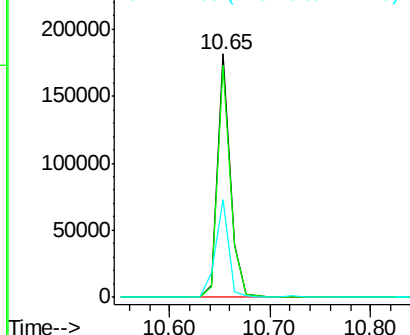
Tot Ion	Ratio	Resp	Lower	Upper
330	100	161329		
332	95.5	78.2	117.2	
141	42.0	31.5	47.3	

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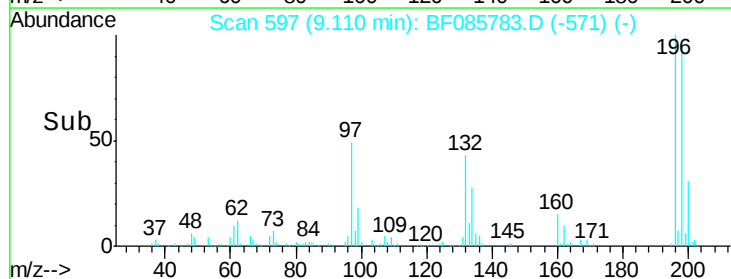
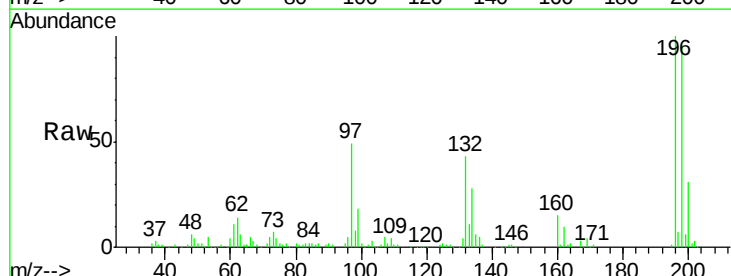
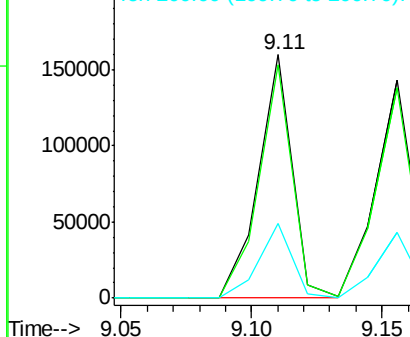
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

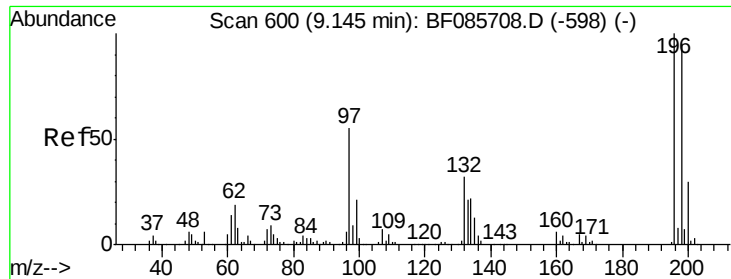


#42
 2,4,6-Trichlorophenol
 Concen: 42.36 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145102		
198	95.8	75.3	112.9	
200	30.9	23.7	35.5	

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





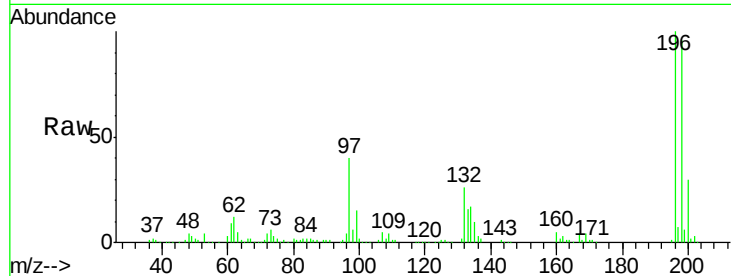
#43
2,4,5-Trichlorophenol
Concen: 39.50 ng
RT: 9.16 min Scan# 601
Delta R.T. 0.01 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
ClientSampled :
13MSD

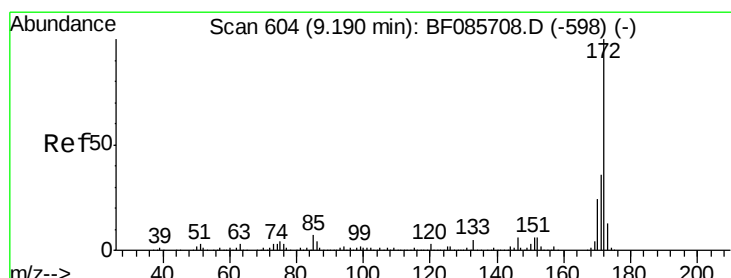
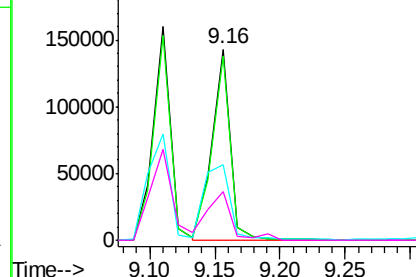
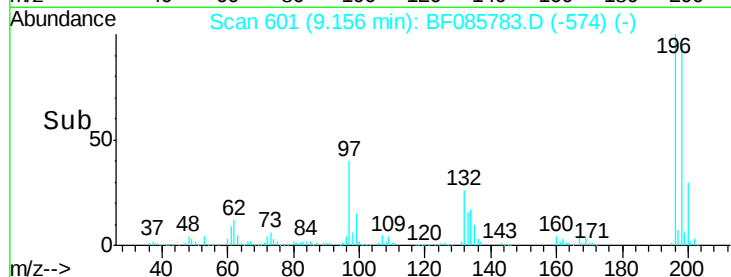
Tot Ion:	196	Resp:	141871
Ion Ratio	Lower	Upper	
196	100		
198	96.2	76.6	114.8
97	39.7	30.5	45.7
132	25.6	20.2	30.2

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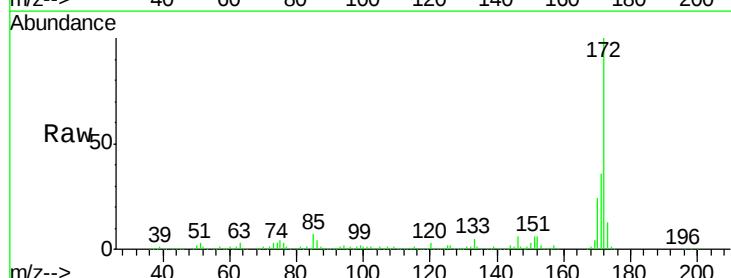


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

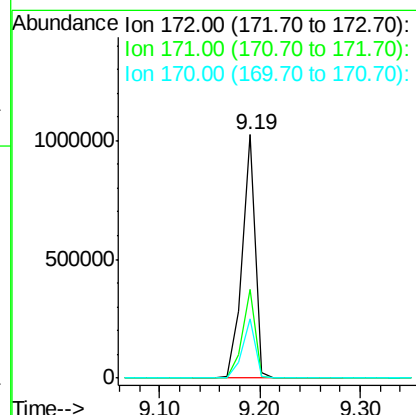
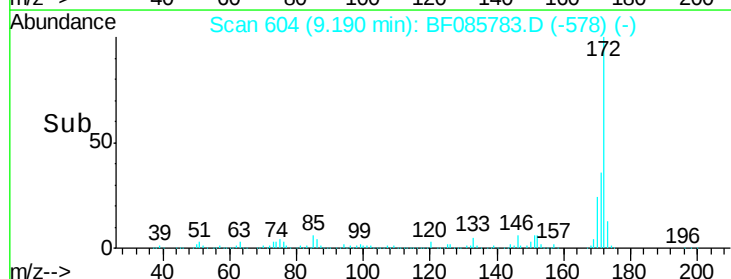


#44
2-Fluorobiphenyl
Concen: 89.87 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion:	172	Resp:	919850
Ion Ratio	Lower	Upper	
172	100		
171	36.3	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: 41.37 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

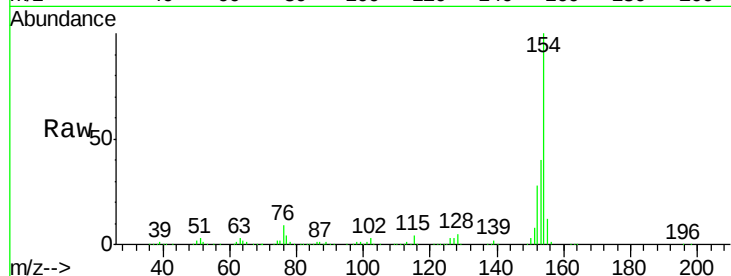
ClientSampled :

13MSD

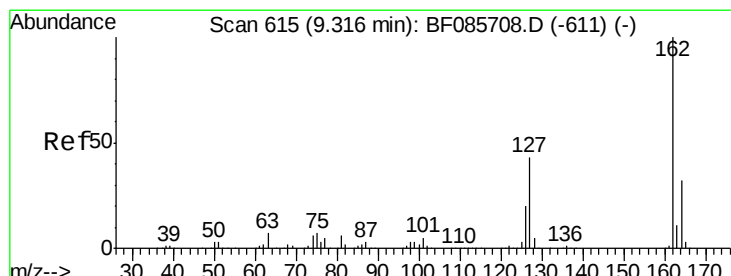
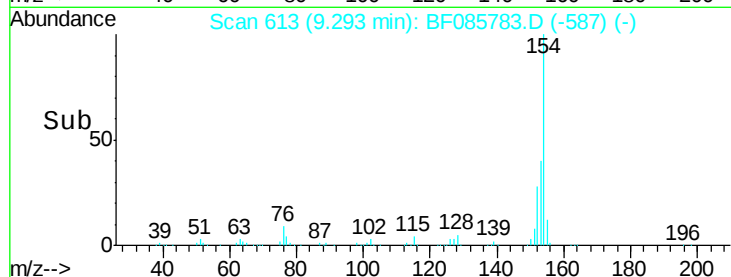
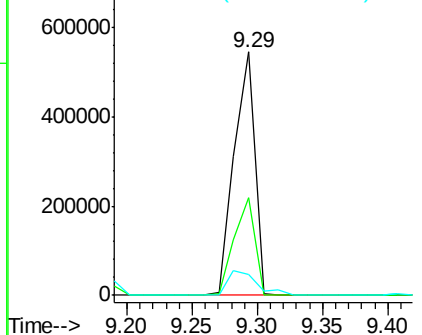
Tot Ion:	154	Resp:	596992
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.8	60.8
76	8.7	0.0	36.7

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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: 43.03 ng

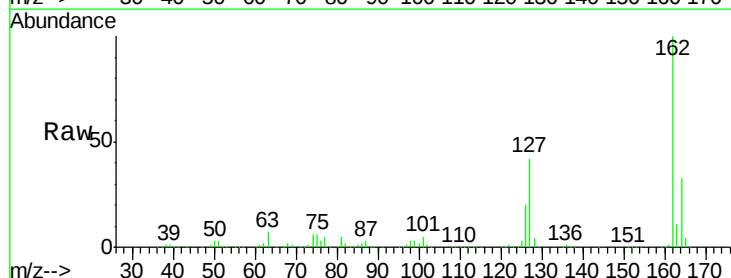
RT: 9.32 min Scan# 615

Delta R.T. -0.00 min

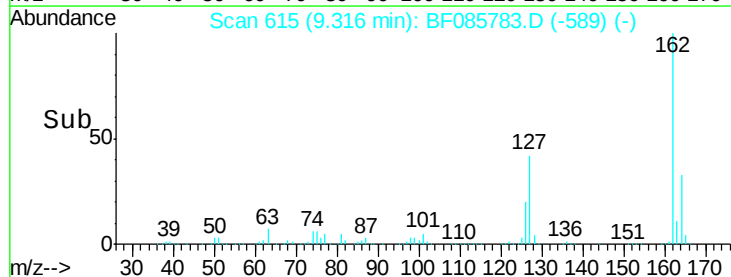
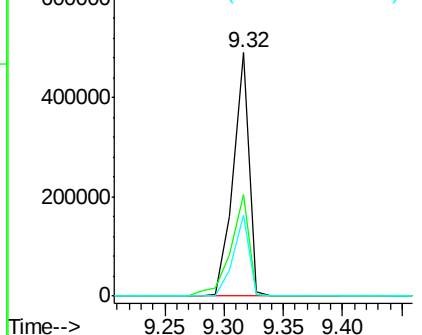
Lab File: BF085783.D

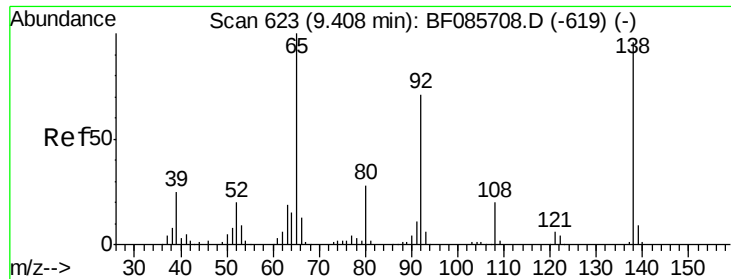
Acq: 26 Mar 2016 1:32

Tgt Ion:	162	Resp:	456581
Ion Ratio	Lower	Upper	
162	100		
127	41.5	31.7	47.5
164	33.3	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





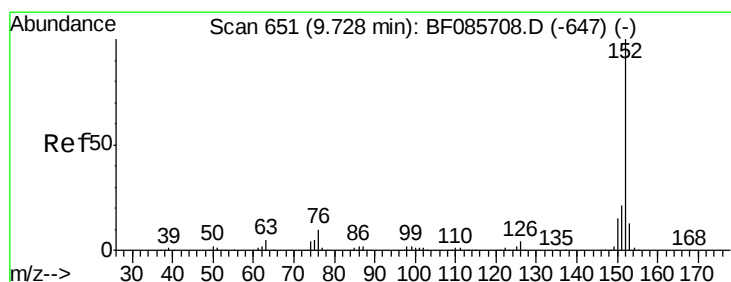
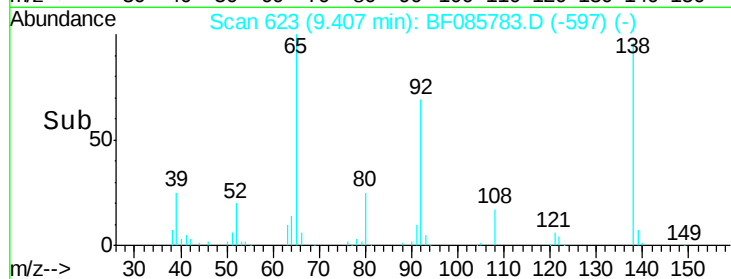
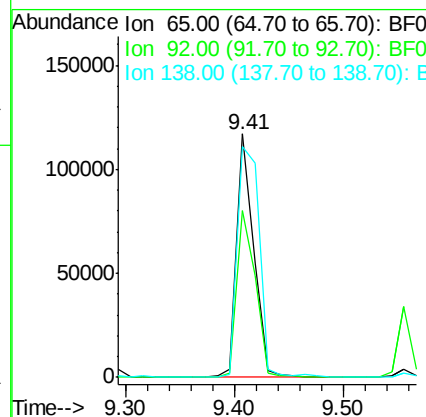
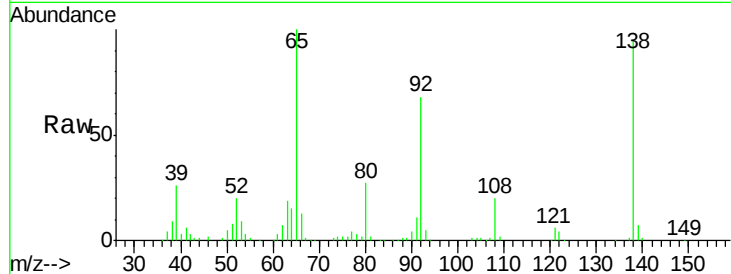
#47
2-Nitroaniline
Concen: 38.67 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
ClientSampleId :
13MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.5	59.7	89.5
138	94.6	91.4	137.0

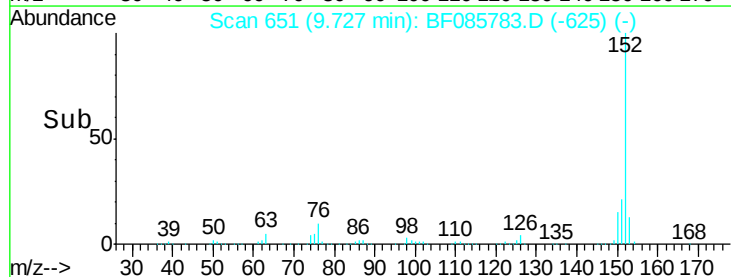
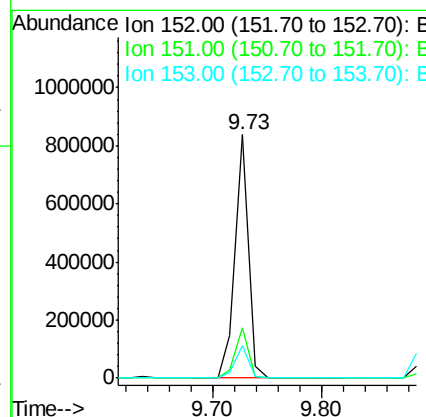
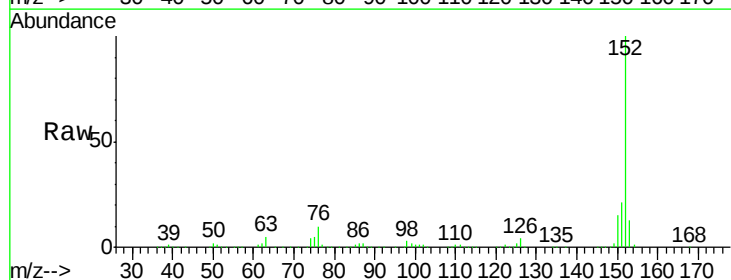
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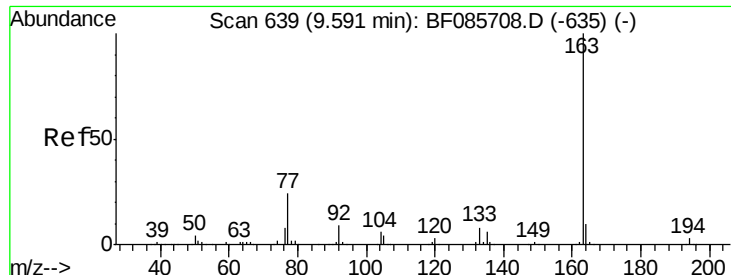
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#48
Acenaphthylene
Concen: 41.01 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.3	10.9	16.3





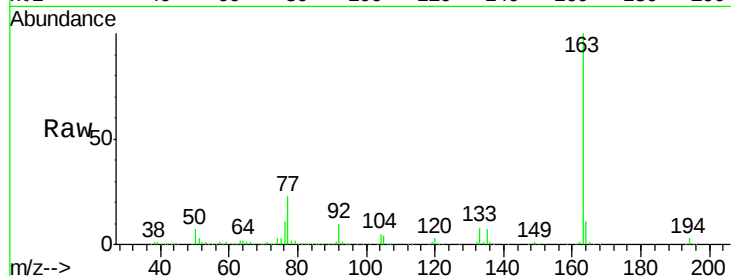
#49
Dimethylphthalate
Concen: 53.42 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
Client Sampled :
13MSD

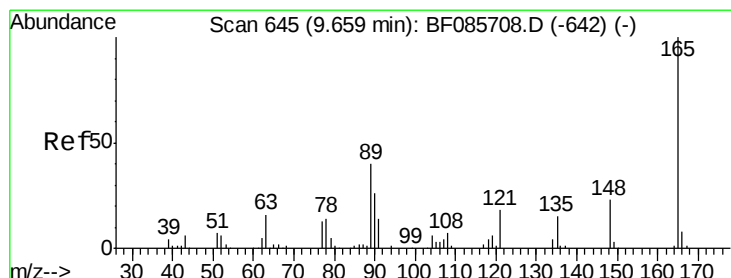
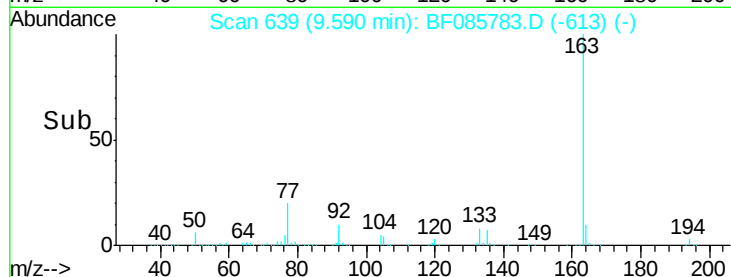
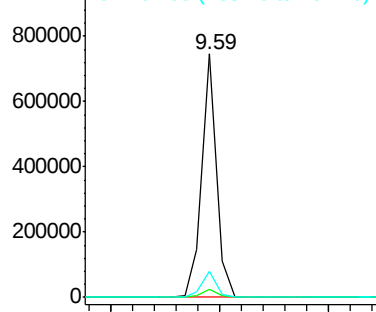
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	2.9	4.3
164	10.6	8.3	12.5

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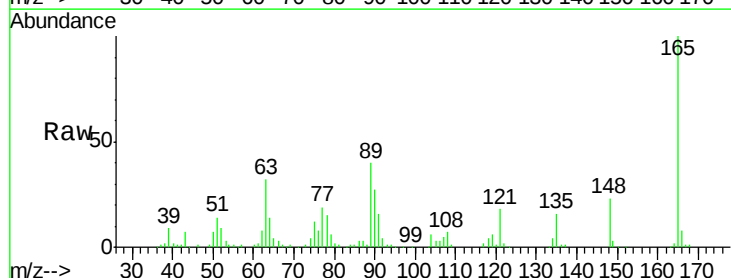


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

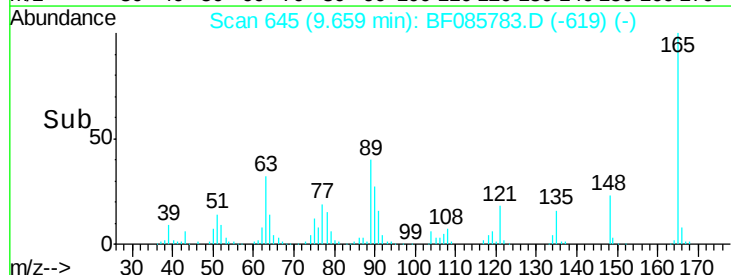
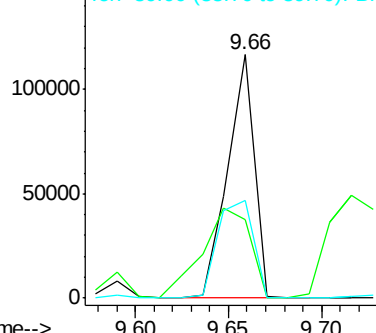


#50
2,6-Dinitrotoluene
Concen: 41.28 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	32.2	51.8	77.8#
89	40.1	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: 39.77 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

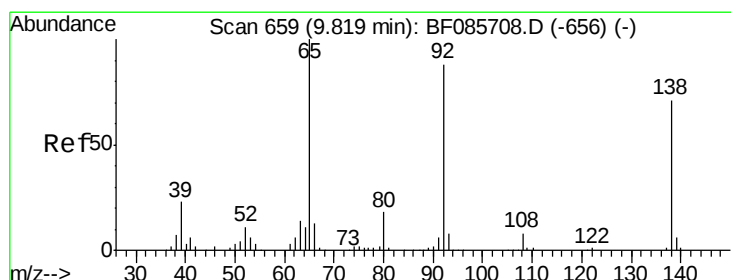
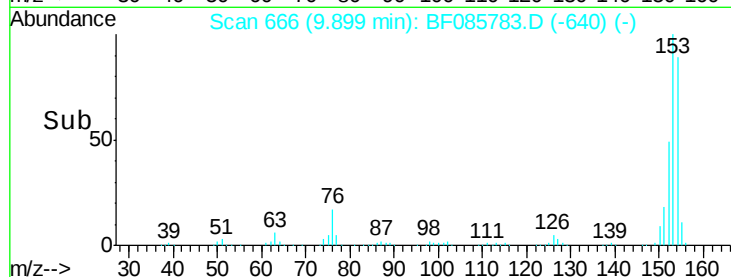
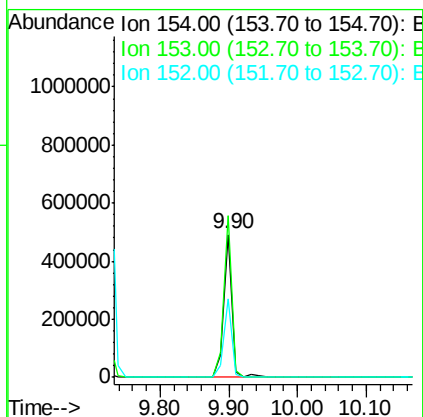
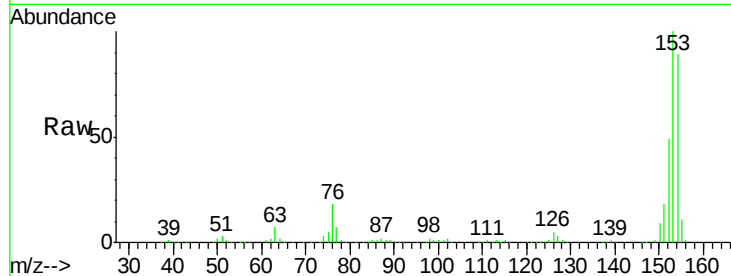
ClientSampled :

13MSD

Tot Ion:	154	Resp:	419966
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.1	135.1
152	55.2	44.2	66.2

Manual Integrations
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#52

3-Nitroaniline

Concen: 22.72 ng

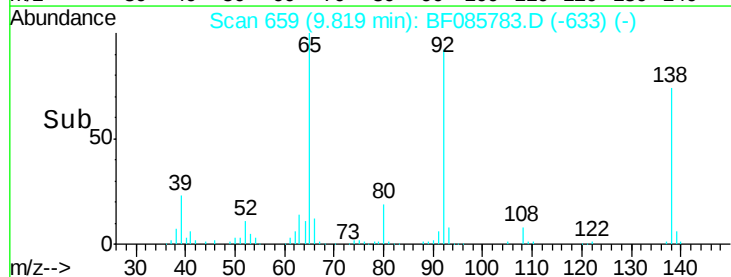
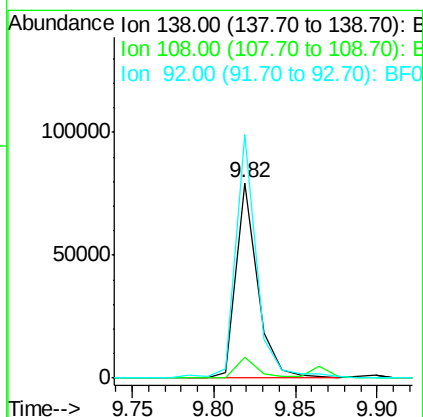
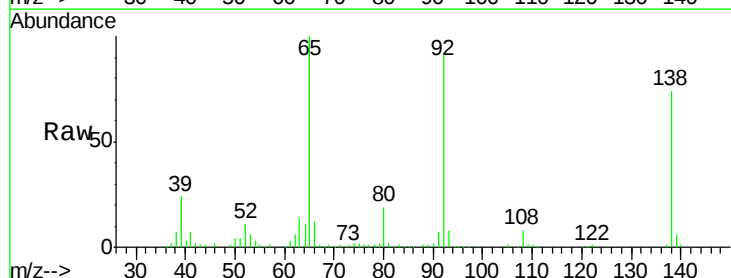
RT: 9.82 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion:	138	Resp:	72625
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.7	13.1
92	124.5	93.3	139.9





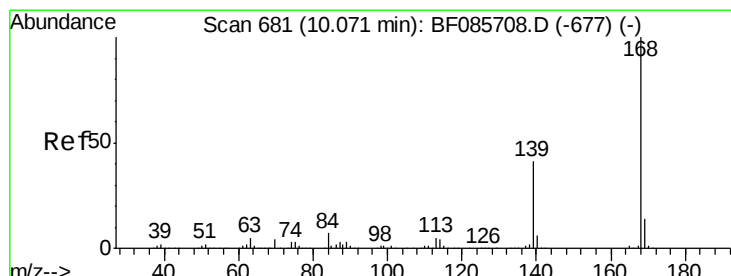
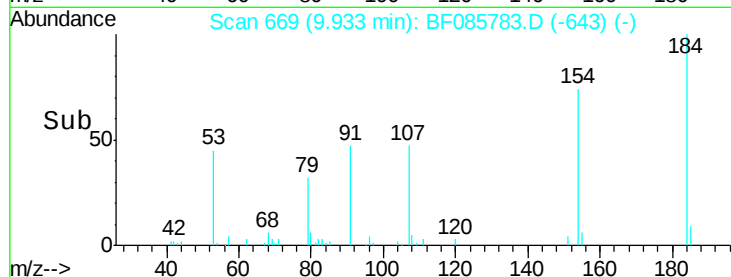
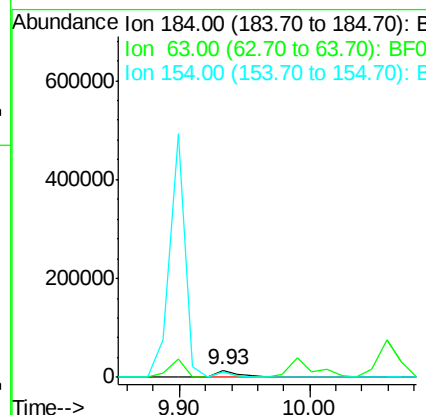
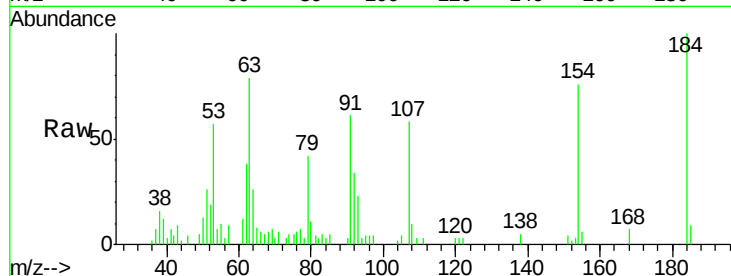
#53
 2,4-Dinitrophenol
 Concen: 19.01 ng
 RT: 9.93 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	19791		
63	79.3	69.5	104.3	
154	75.7	58.3	87.5	

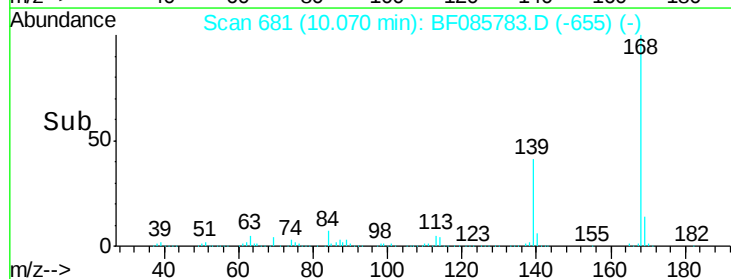
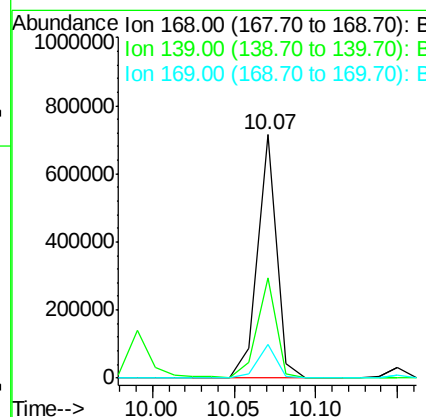
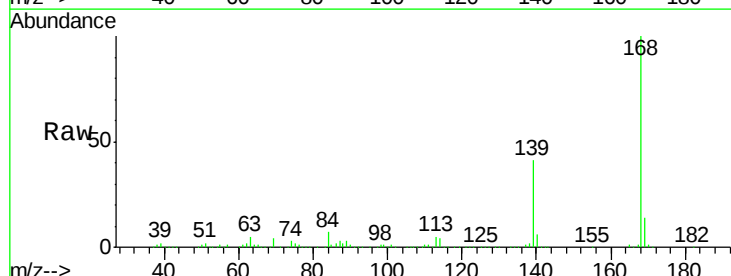
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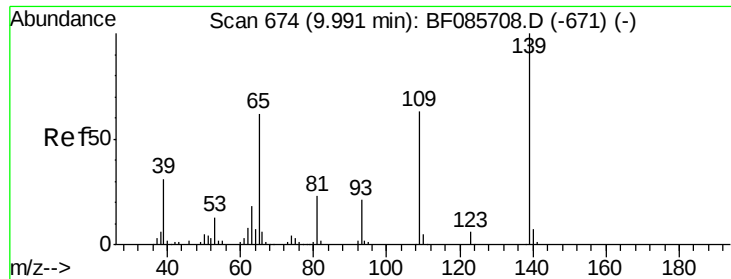
Sohil
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#54
 Dibenzofuran
 Concen: 42.50 ng
 RT: 10.07 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	580907		
139	41.1	31.9	47.9	
169	13.7	11.0	16.6	





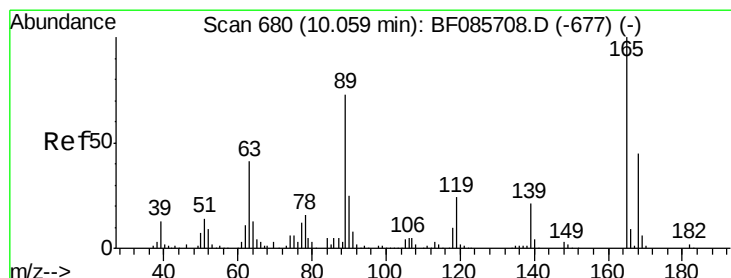
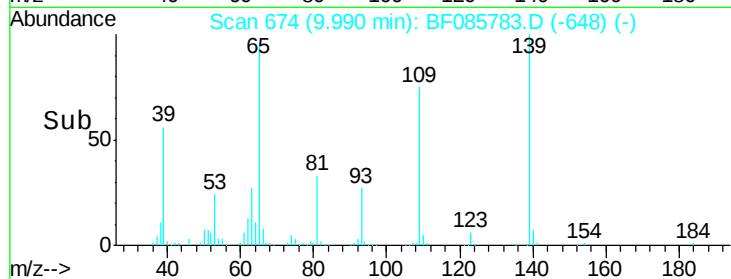
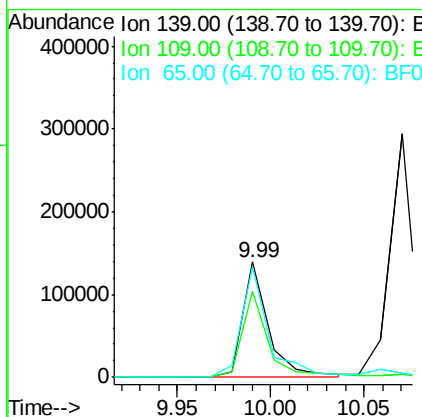
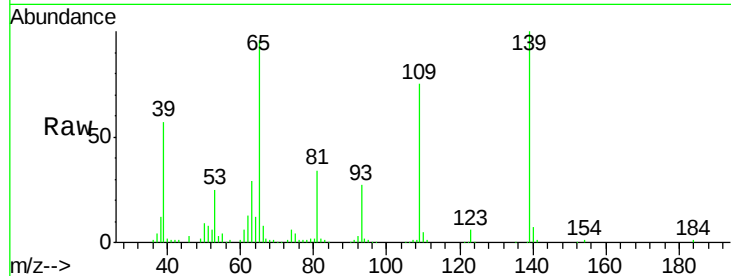
#55
4-Nitrophenol
Concen: 65.17 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
ClientSampleId :
13MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	135714		
109	74.9	49.2	89.2	
65	96.3	66.9	106.9	

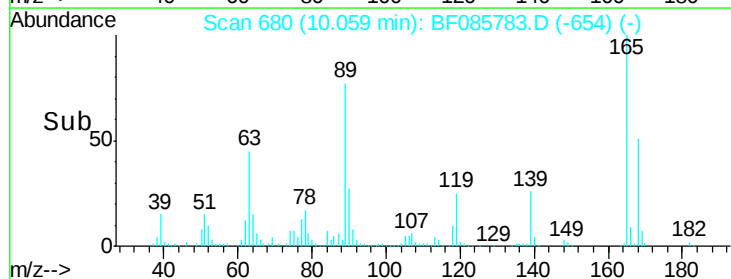
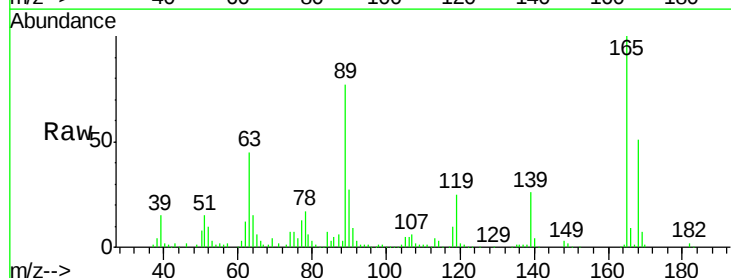
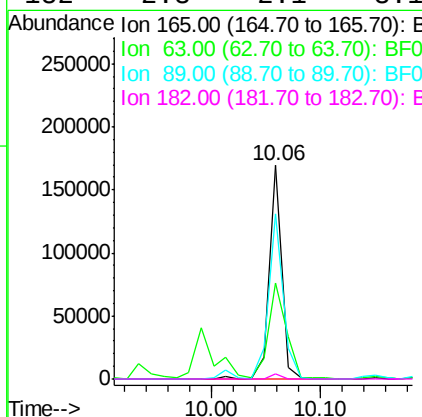
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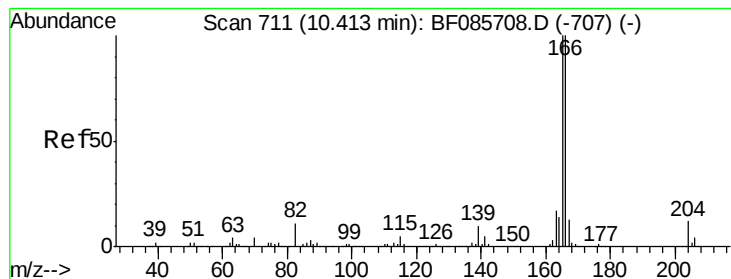
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#56
2,4-Dinitrotoluene
Concen: 38.48 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	136590		
63	45.0	24.9	37.3#	
89	77.3	41.0	61.6#	
182	2.3	2.1	3.1	





#57

Fluorene

Concen: 38.89 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

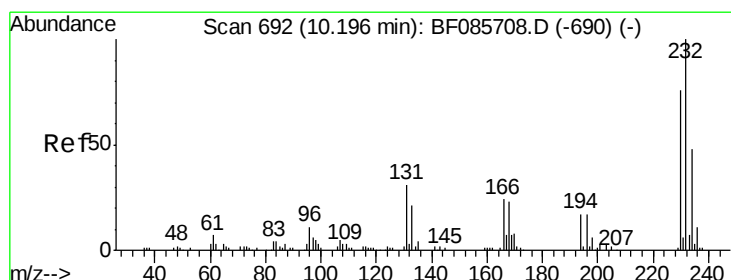
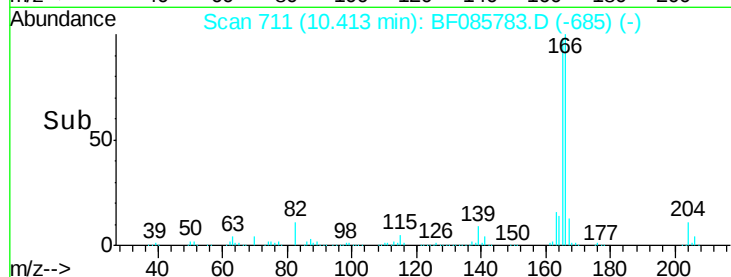
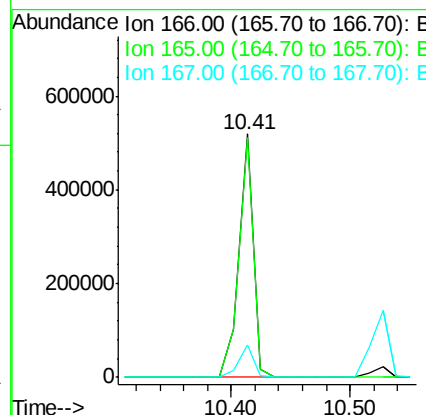
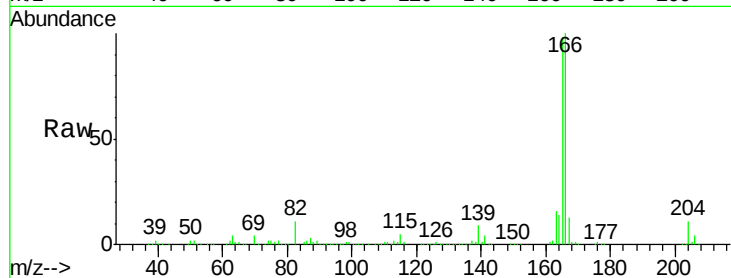
ClientSampleId :

13MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.4	119.0
167	13.1	11.0	16.4

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3/28/2016 8:00:59 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.34 ng

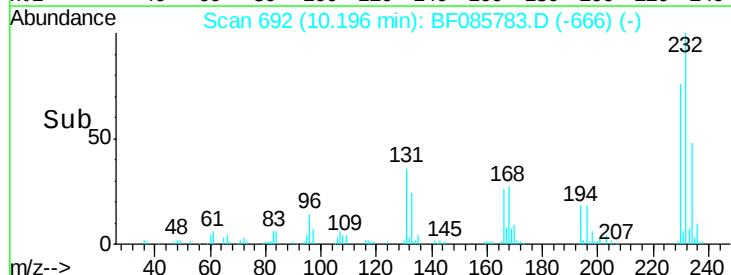
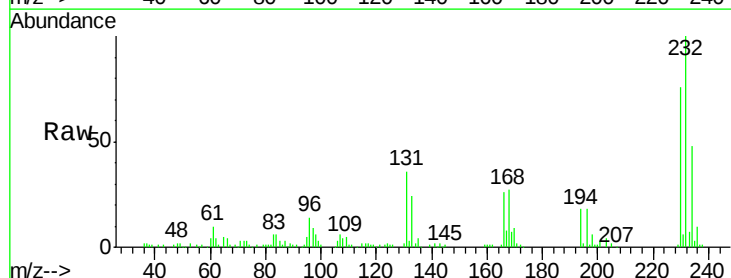
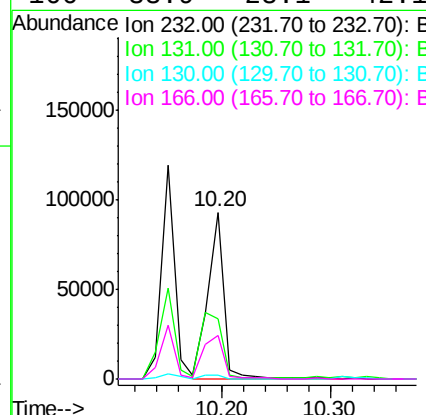
RT: 10.20 min Scan# 692

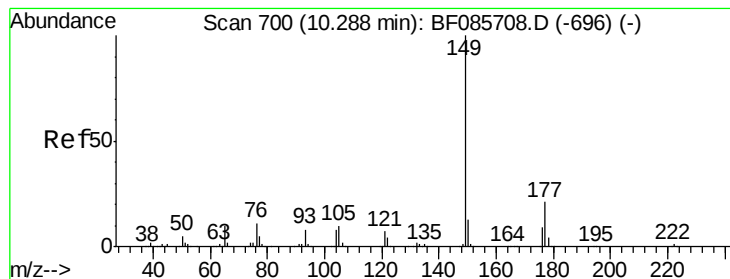
Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.3	44.9	67.3
130	2.7	2.3	3.5
166	33.9	28.1	42.1





#59

Diethylphthalate

Concen: 39.89 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

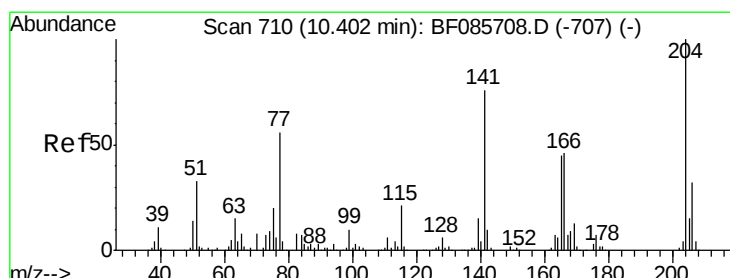
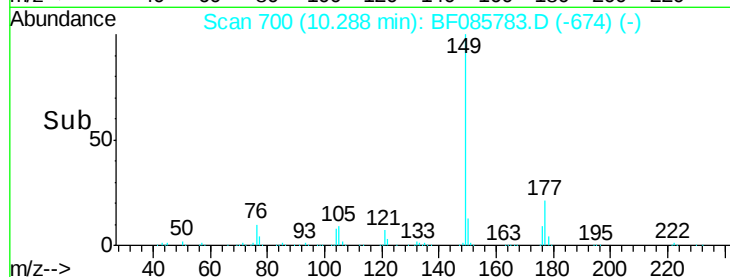
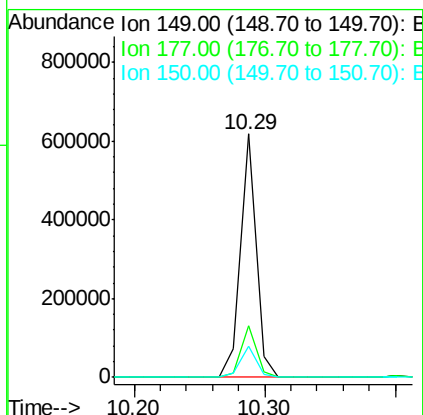
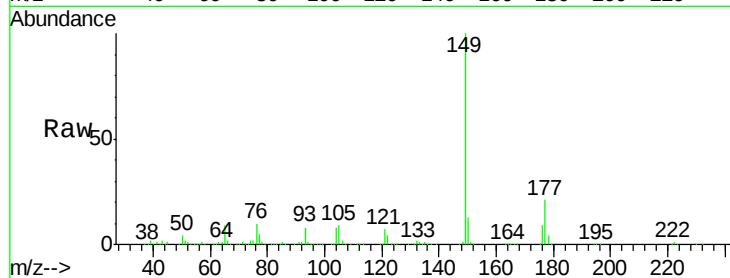
ClientSampleId :

13MSD

Tot Ion:	149	Resp:	511326
Ion Ratio		Lower	Upper
149	100		
177	21.4	17.9	26.9
150	12.9	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 34.99 ng

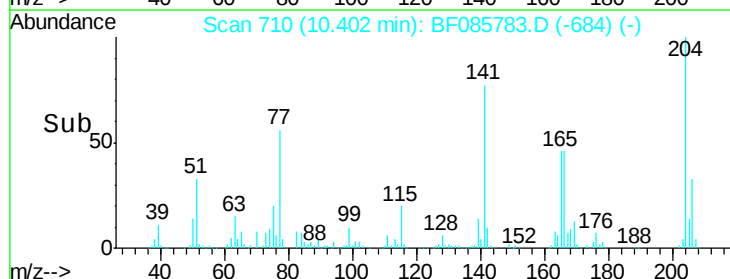
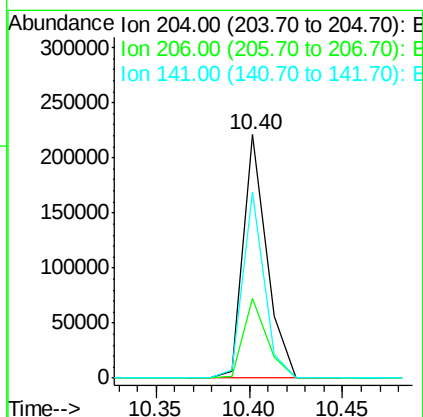
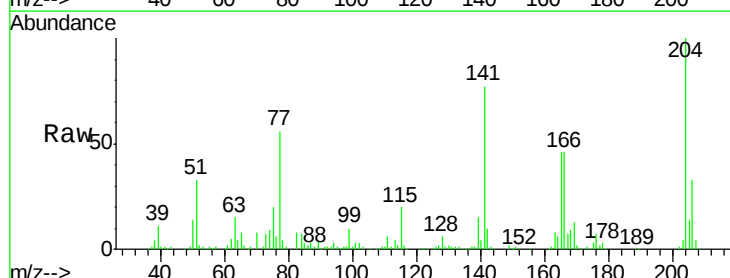
RT: 10.40 min Scan# 710

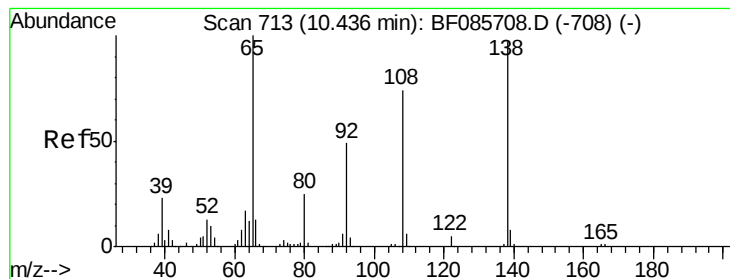
Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion:	204	Resp:	194395
Ion Ratio		Lower	Upper
204	100		
206	32.8	26.6	39.8
141	76.6	57.4	86.0





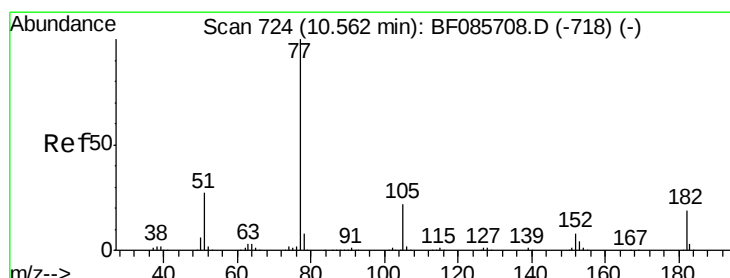
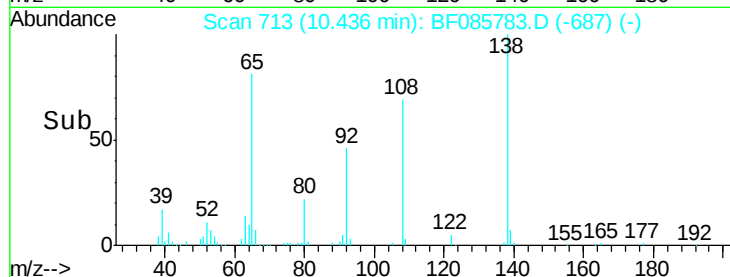
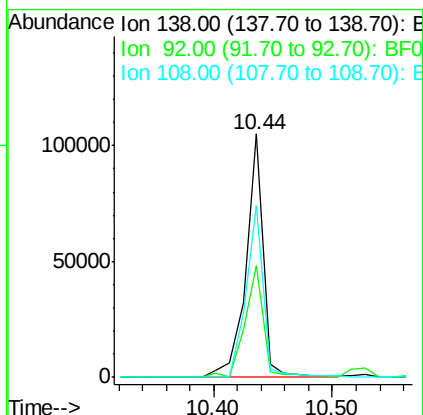
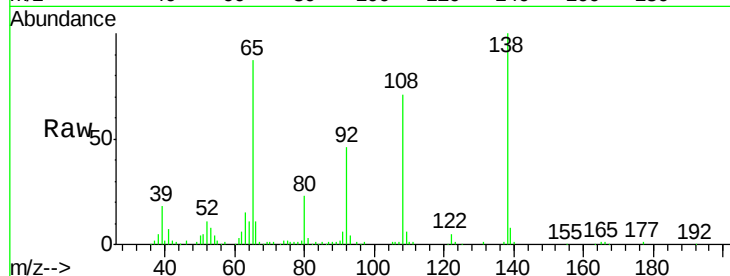
#61
4-Nitroaniline
Concen: 35.32 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
ClientSampled :
13MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.8	26.4	66.4
108	70.7	49.0	89.0

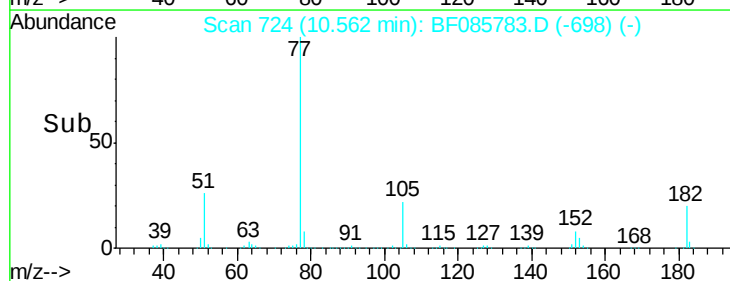
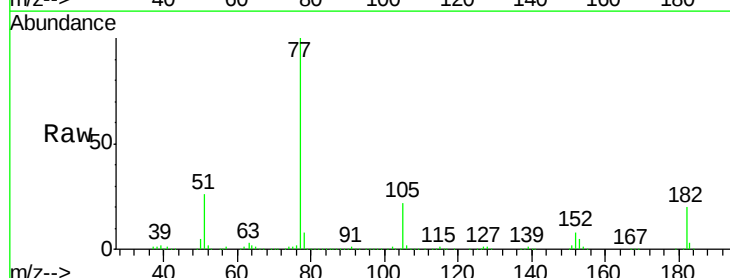
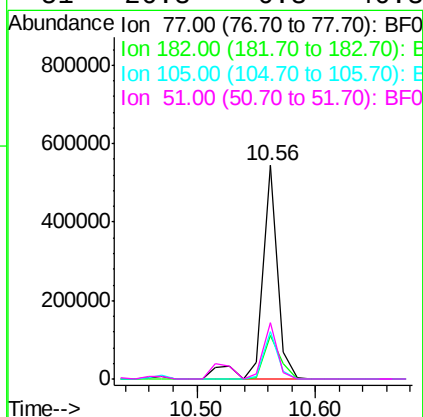
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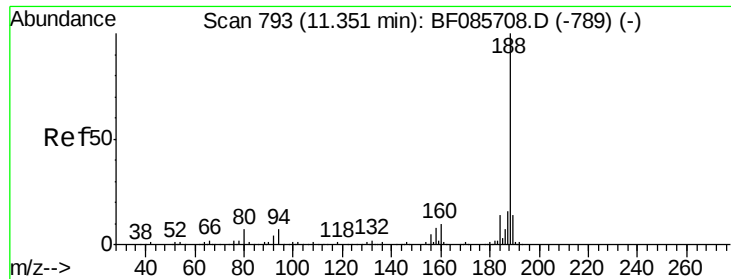
Sohil
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#62
Azobenzene
Concen: 40.24 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	1.9	41.9
105	22.5	3.5	43.5
51	26.3	6.3	46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

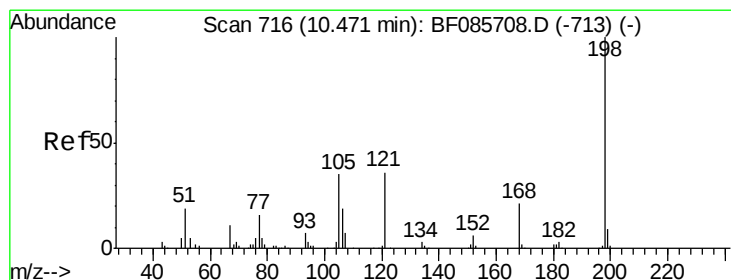
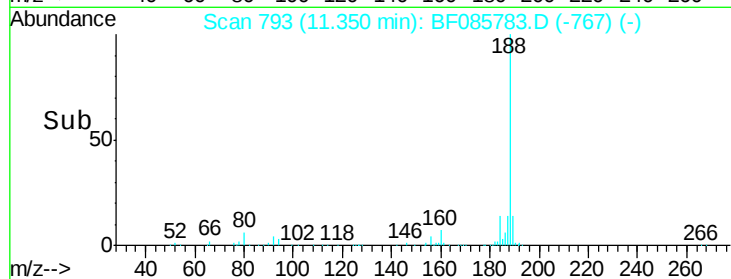
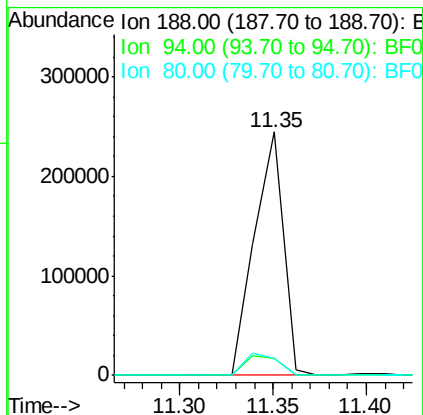
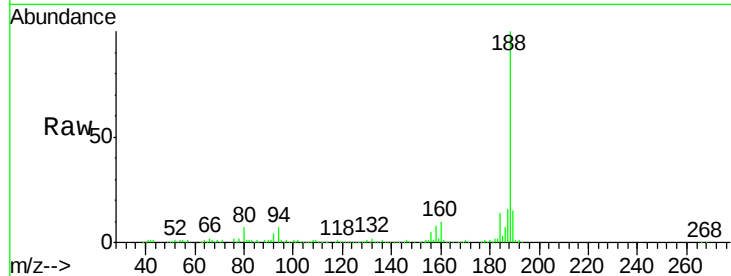
ClientSampleId :

13MSD

Tot Ion:	188	Resp:	264110
Ion Ratio	Lower	Upper	
188	100		
94	7.0	5.4	8.0
80	6.9	5.5	8.3

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 13.04 ng

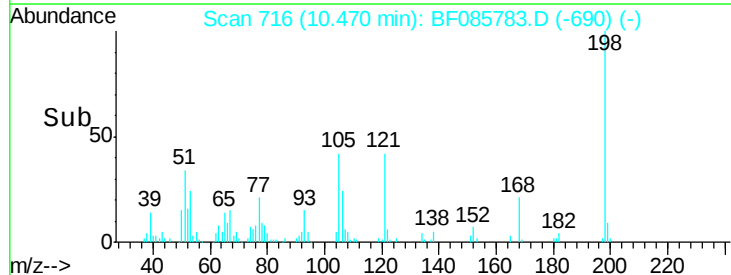
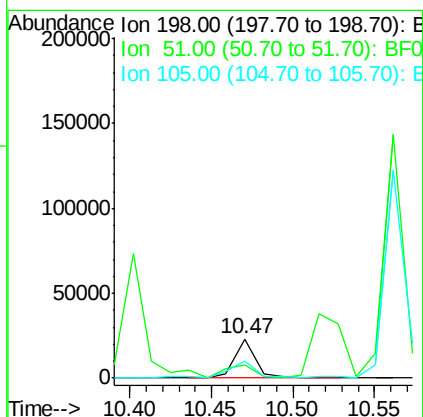
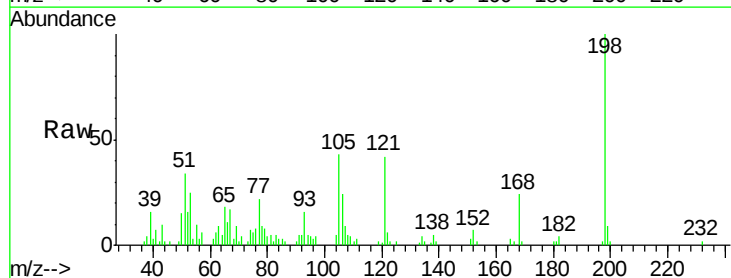
RT: 10.47 min Scan# 716

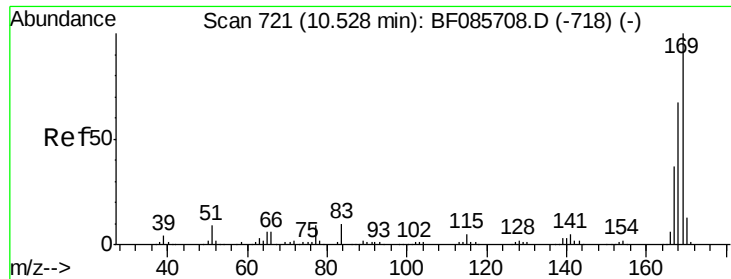
Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion:	198	Resp:	20169
Ion Ratio	Lower	Upper	
198	100		
51	34.4	45.4	85.4#
105	43.2	45.9	85.9#





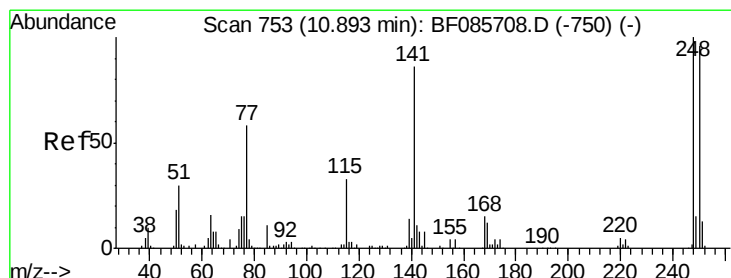
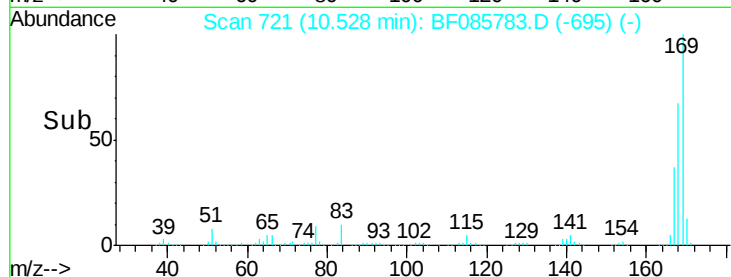
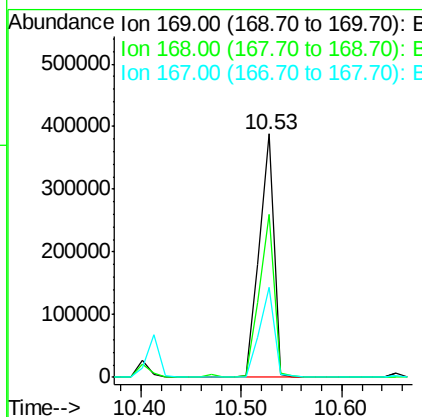
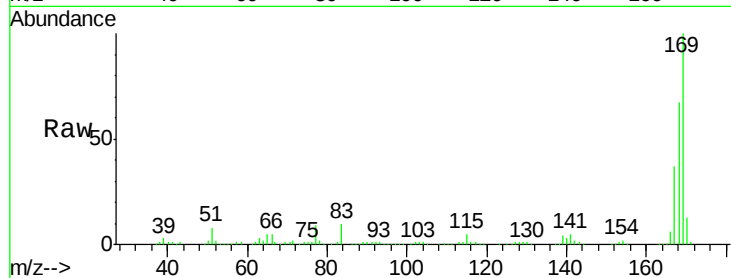
#65
 n-Nitrosodiphenylamine
 Concen: 47.61 ng
 RT: 10.53 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Instrument :
 BNA_F
 ClientSampled :
 13MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	398302		
168	67.2		54.4	81.6
167	37.0		29.4	44.0

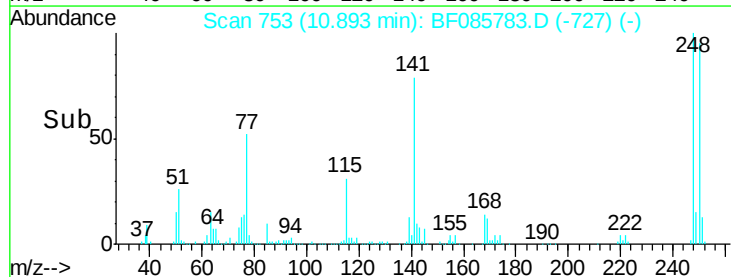
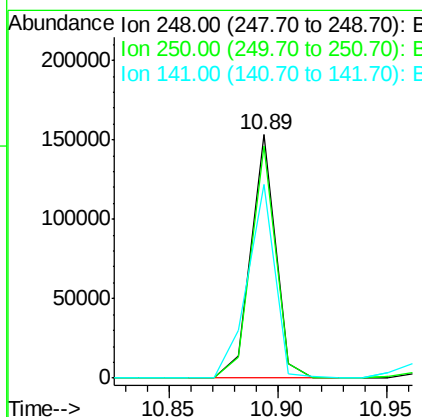
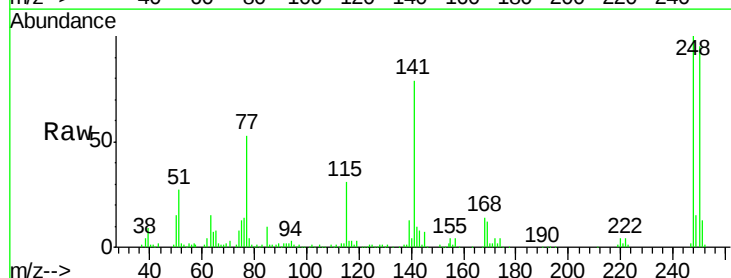
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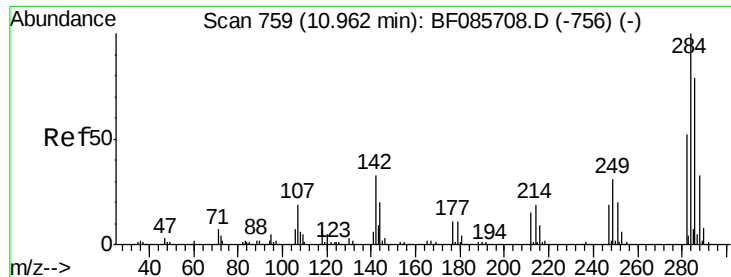
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 44.79 ng
 RT: 10.89 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	121015		
250	95.3		77.4	116.0
141	79.4		63.6	95.4





#67

Hexachlorobenzene

Concen: 42.45 ng

RT: 10.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

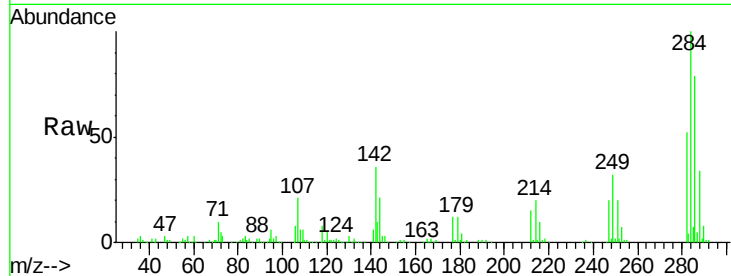
ClientSampleId :

13MSD

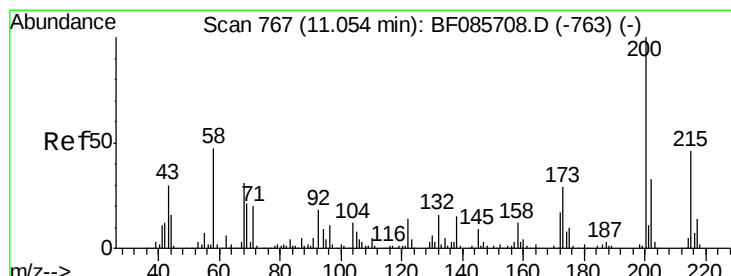
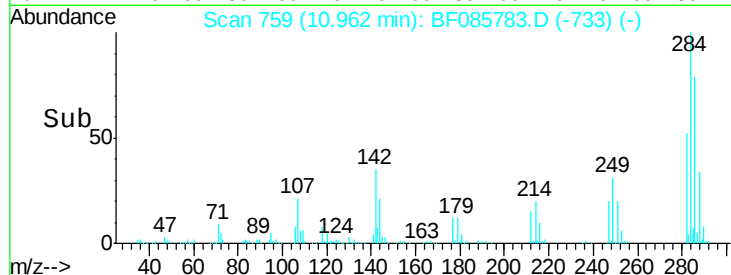
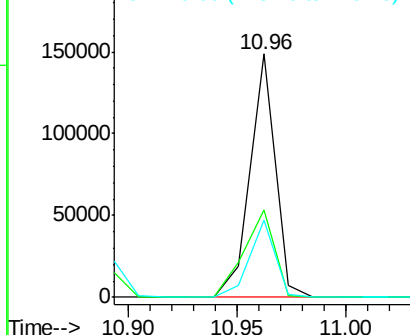
Tot Ion:	284	Resp:	119950
Ion Ratio		Lower	Upper
284	100		
142	35.8	23.1	34.7#
249	31.8	24.2	36.2

Manual Integrations
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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: 44.17 ng

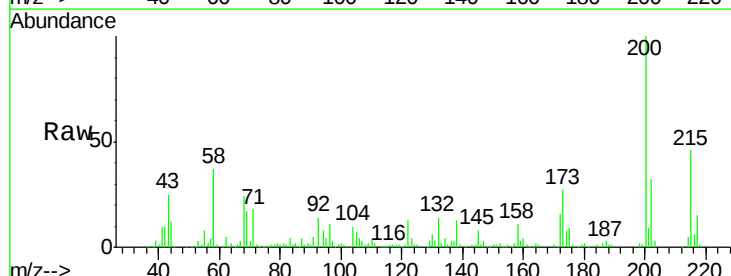
RT: 11.05 min Scan# 767

Delta R.T. -0.00 min

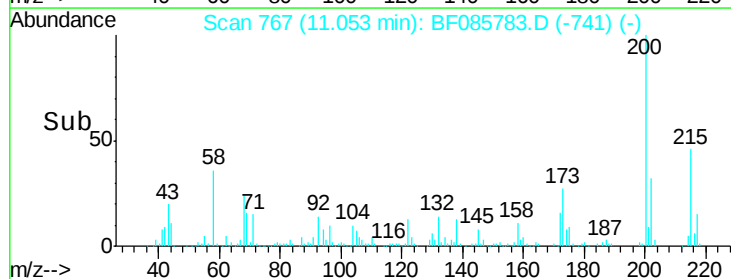
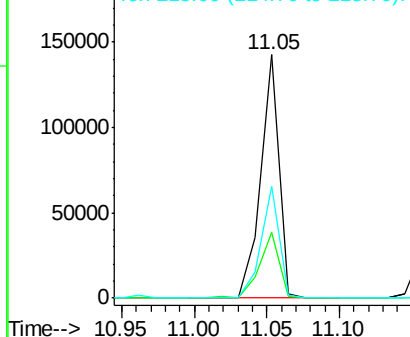
Lab File: BF085783.D

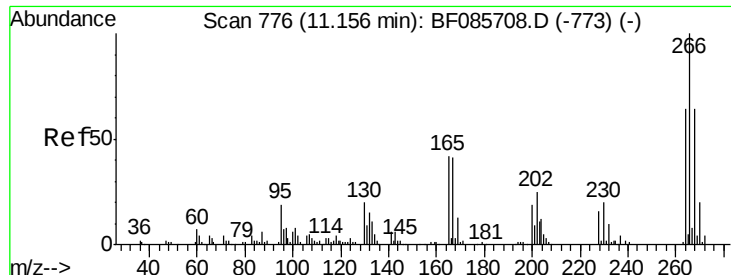
Acq: 26 Mar 2016 1:32

Tgt Ion:	200	Resp:	124755
Ion Ratio		Lower	Upper
200	100		
173	27.1	7.7	47.7
215	46.0	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





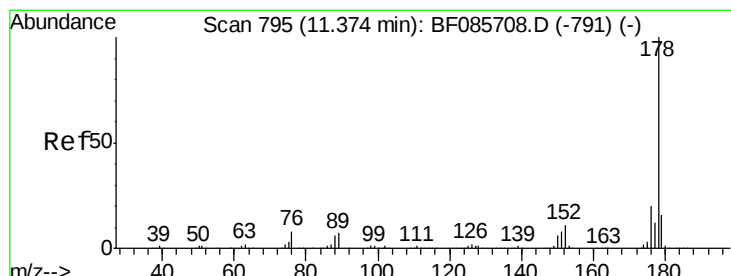
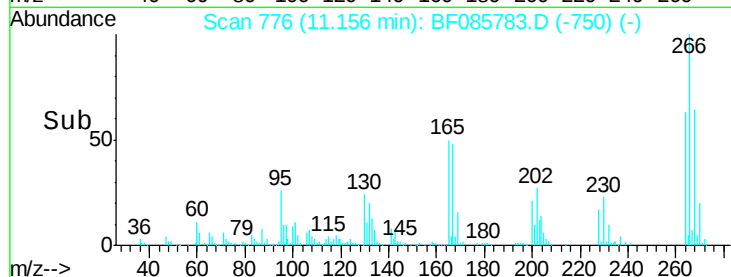
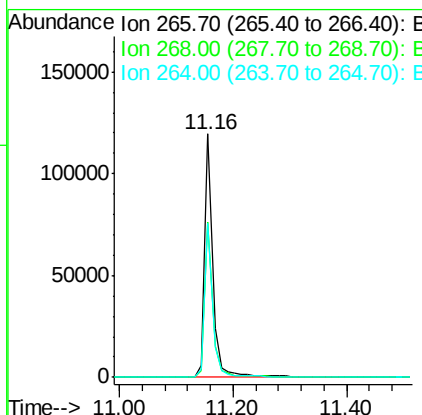
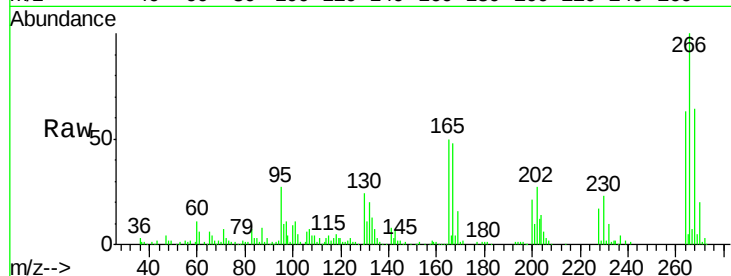
#69
 Pentachlorophenol
 Concen: 83.35 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	115625		
268	63.9	51.5	77.3	
264	63.1	50.6	76.0	

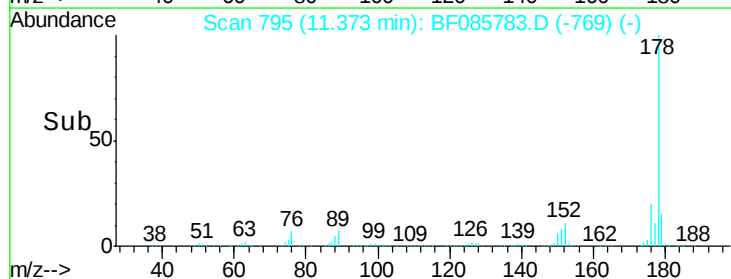
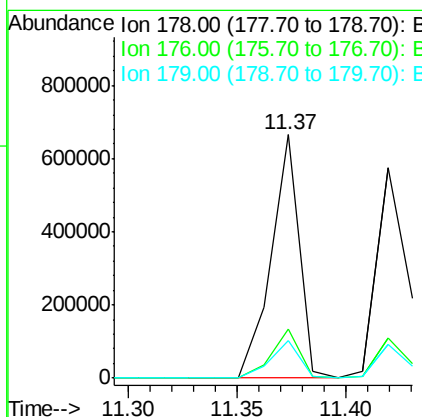
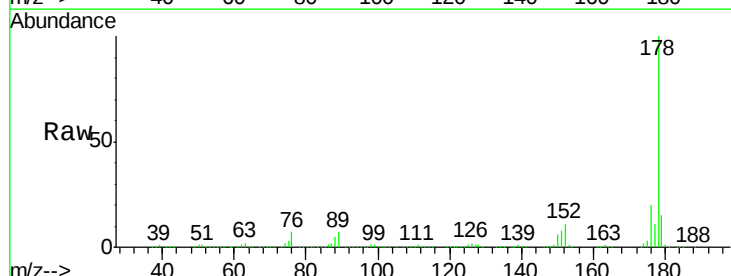
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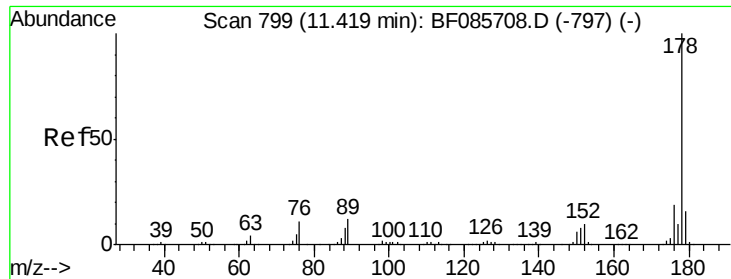
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#70
 Phenanthrene
 Concen: 44.42 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	602387		
176	20.1	16.3	24.5	
179	15.4	12.6	18.8	





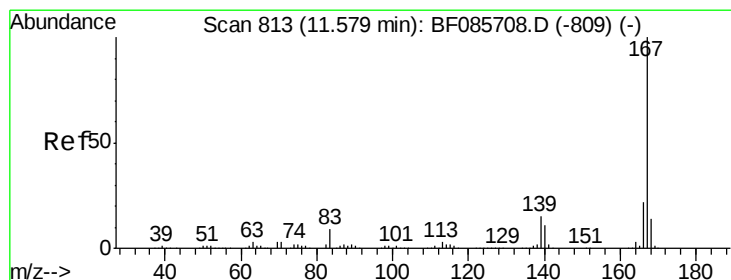
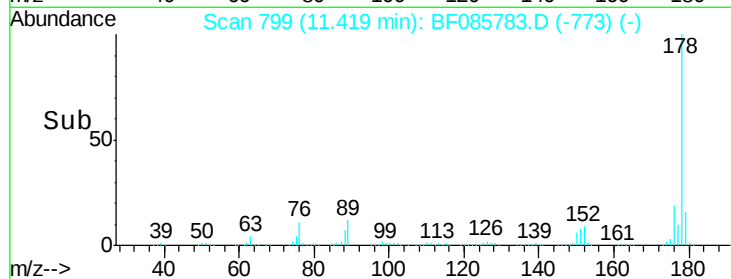
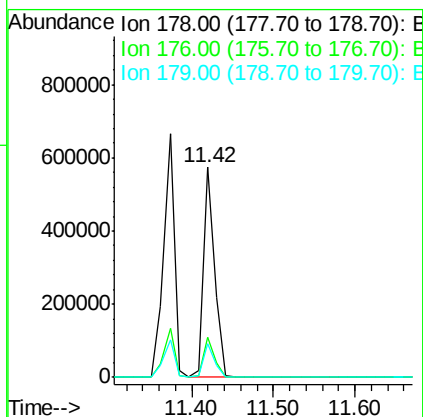
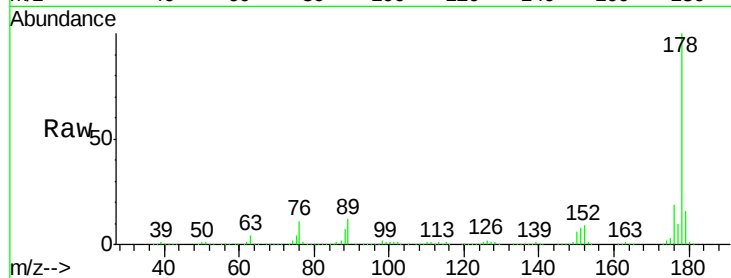
#71
 Anthracene
 Concen: 39.54 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Instrument :
 BNA_F
 ClientSampled :
 13MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.8	13.0	19.4

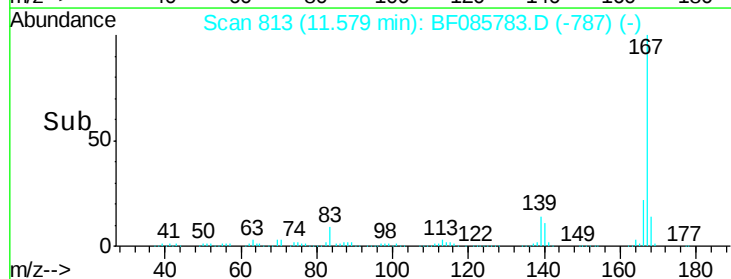
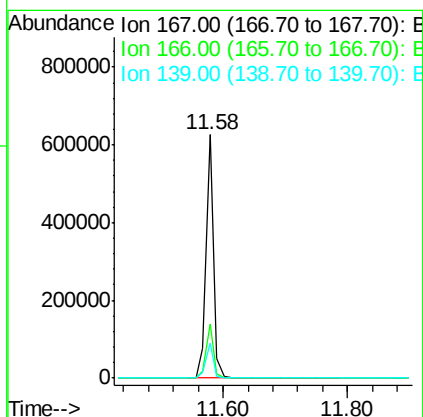
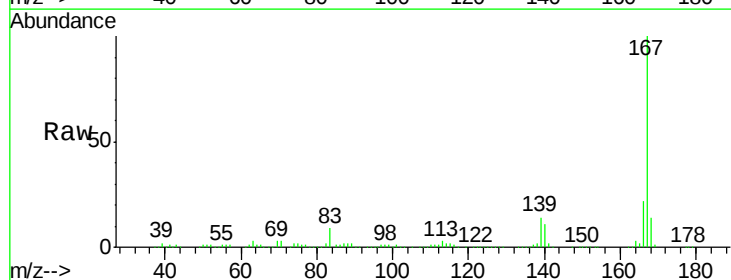
Manual Integrations
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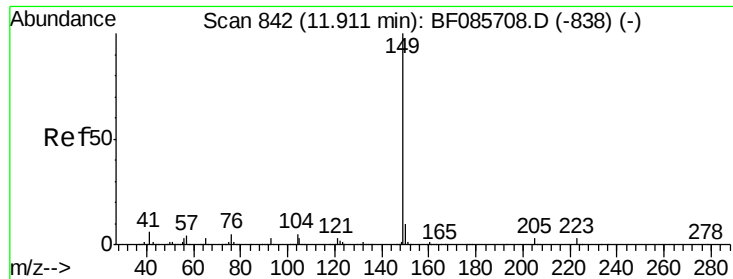
Sohil
 3/28/2016 8:00:59 PM



#72
 Carbazole
 Concen: 44.12 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	14.4	11.6	17.4





#73

Di-n-butylphthalate

Concen: 43.78 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

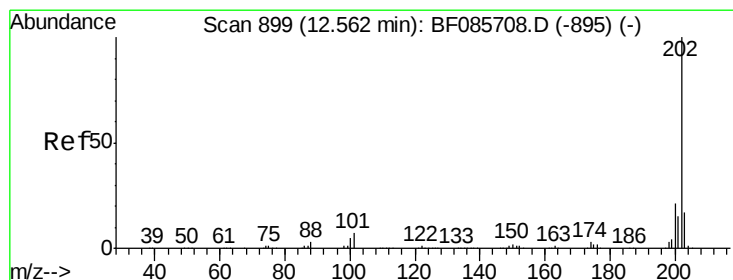
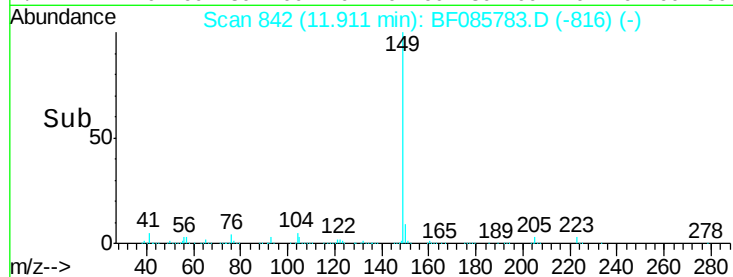
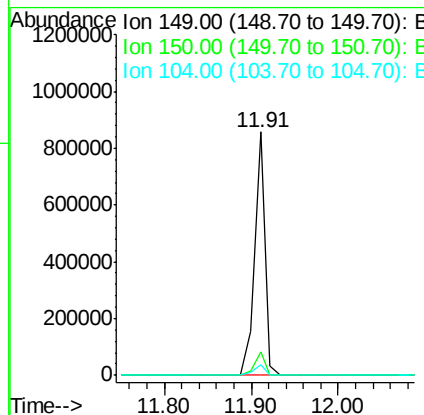
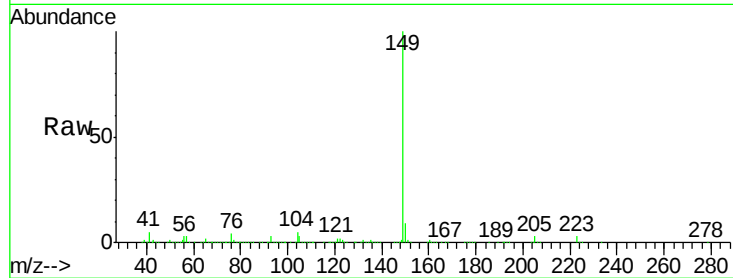
ClientSampled :

13MSD

Tot Ion:	149	Resp:	718081
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.6	11.4
104	4.6	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 38.66 ng

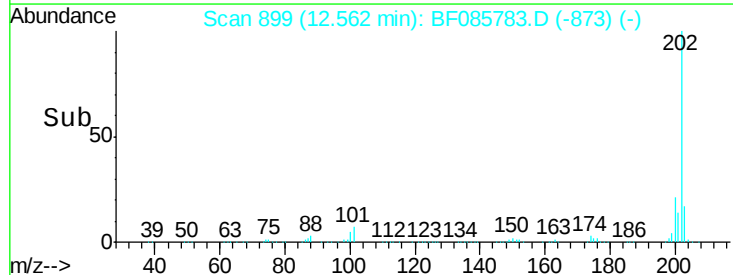
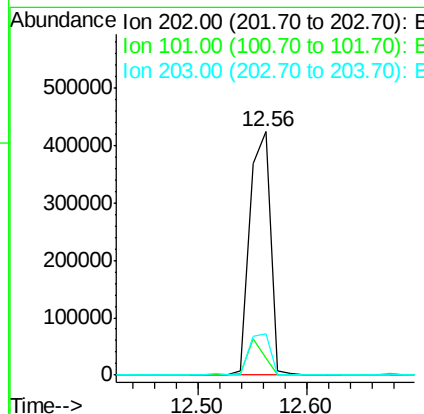
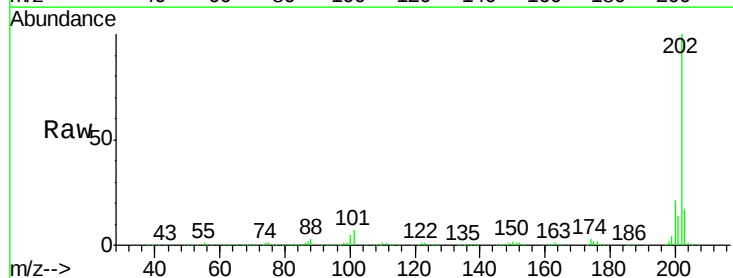
RT: 12.56 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion:	202	Resp:	557301
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	36.6
203	16.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

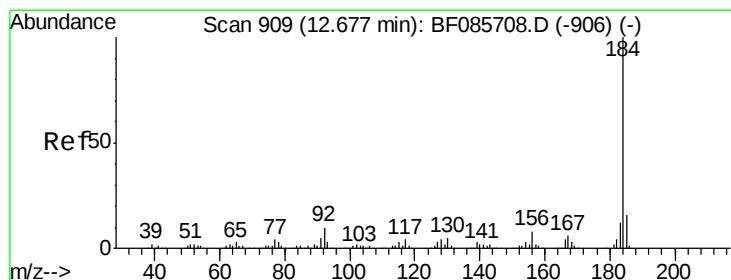
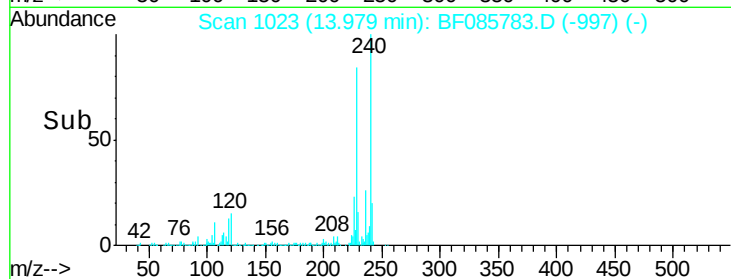
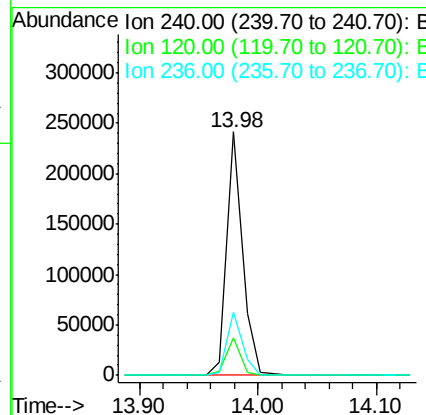
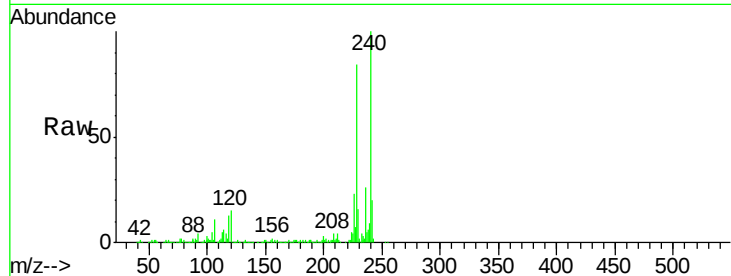
ClientSampleId :

13MSD

Tot Ion:	240	Resp:	219676
Ion Ratio	Lower	Upper	
240	100		
120	15.5	13.8	20.8
236	25.8	20.6	30.8

Manual Integrations
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#76

Benzidine

Concen: 34.94 ng

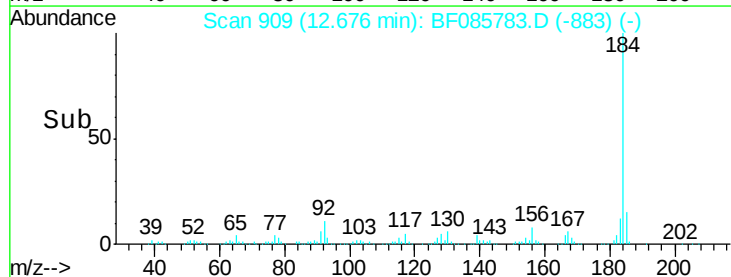
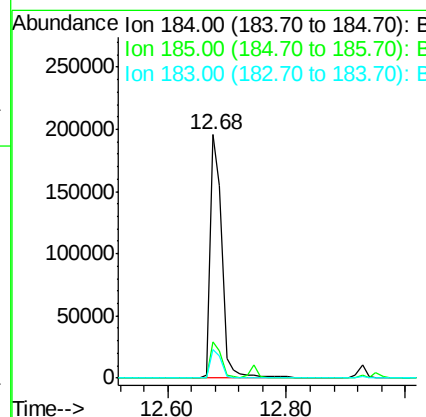
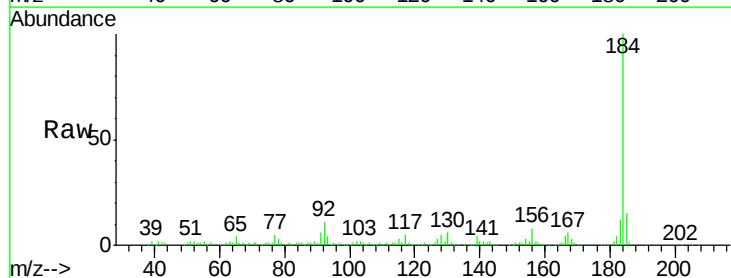
RT: 12.68 min Scan# 909

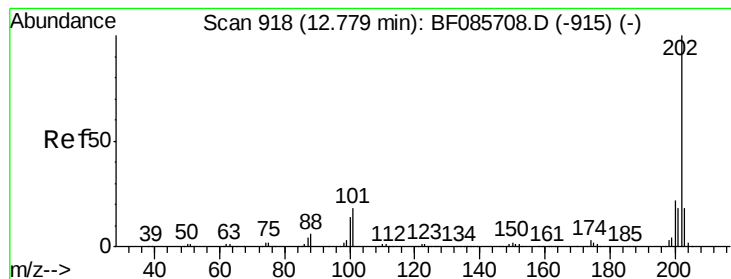
Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion:	184	Resp:	270277
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.4	18.6
183	11.6	9.4	14.2





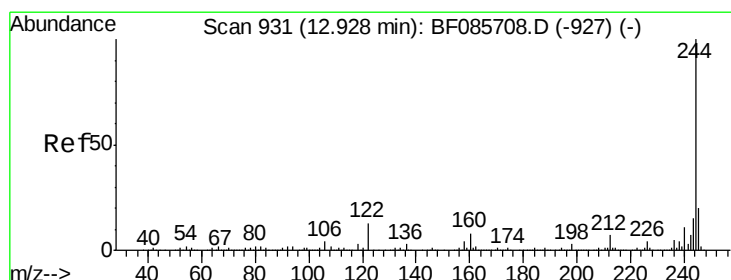
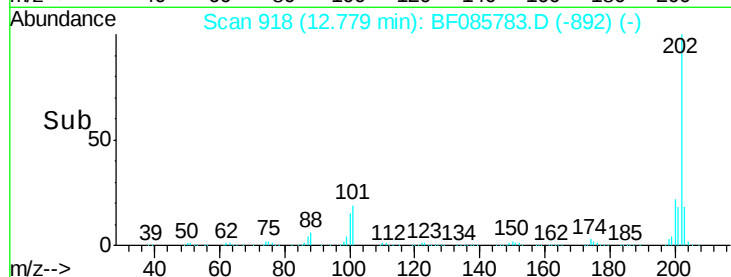
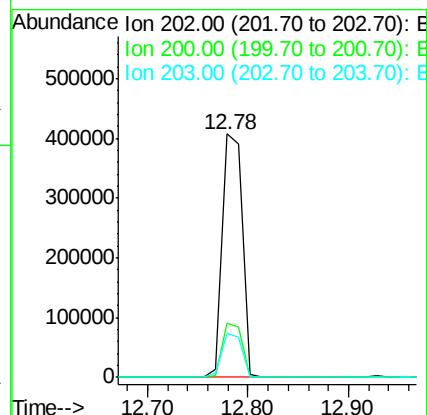
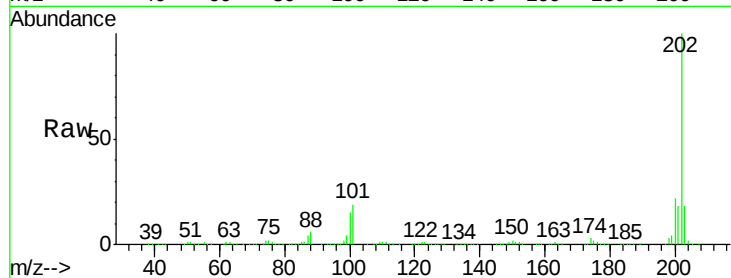
#77
Pvrene
Concen: 31.28 ng
RT: 12.78 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
ClientSampled :
13MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.3	14.0	21.0

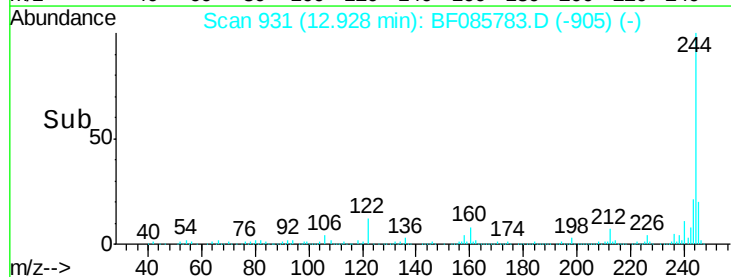
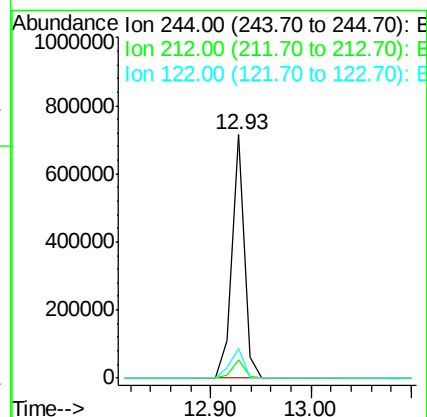
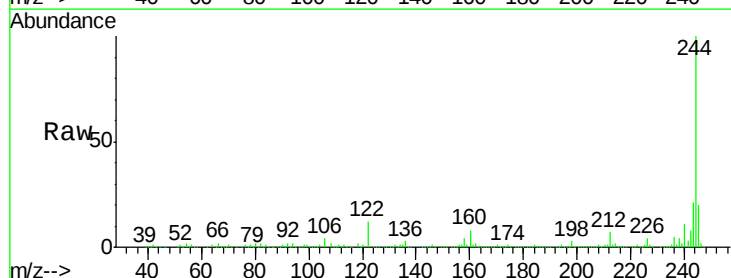
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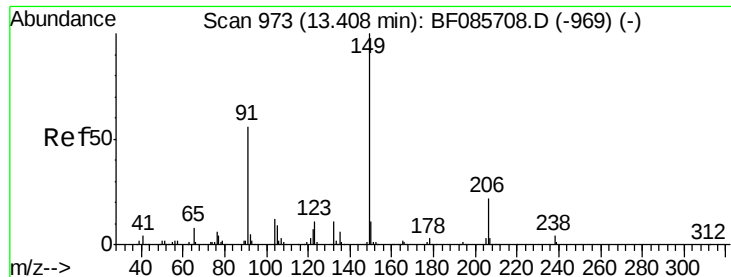
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#78
Terphenyl-d14
Concen: 57.31 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	12.2	10.2	15.4





#79

Butylbenzylphthalate

Concen: 36.93 ng

RT: 13.41 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Instrument :

BNA_F

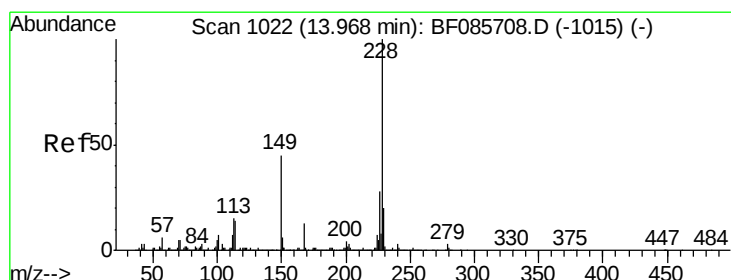
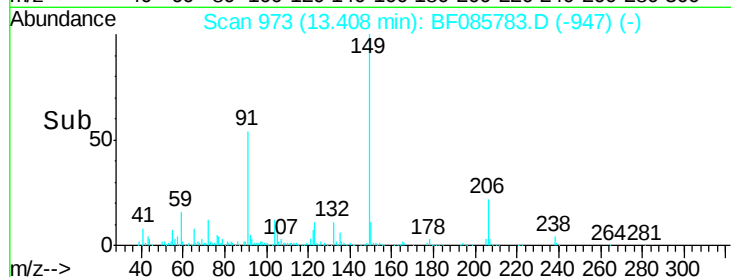
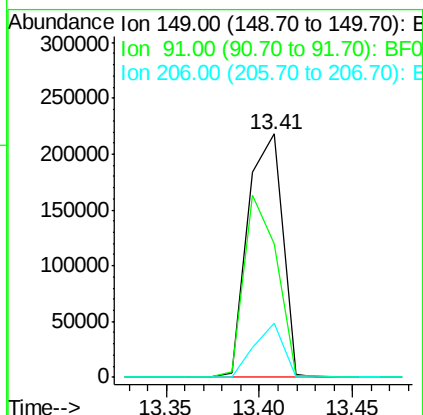
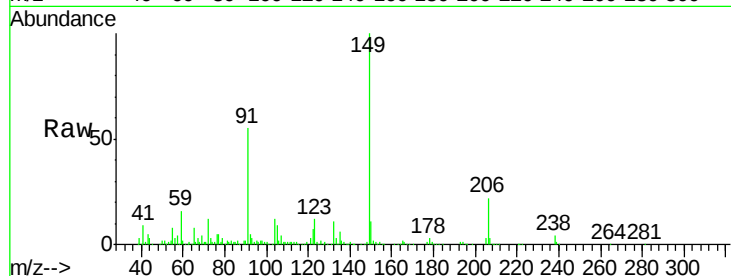
ClientSampleId :

13MSD

Tot Ion:	149	Resp:	279288
Ion Ratio	Lower	Upper	
149	100		
91	54.7	45.8	68.8
206	22.2	17.8	26.8

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#80

Benzo(a)anthracene

Concen: 38.43 ng

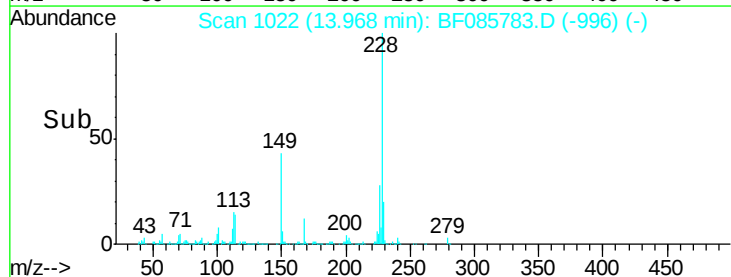
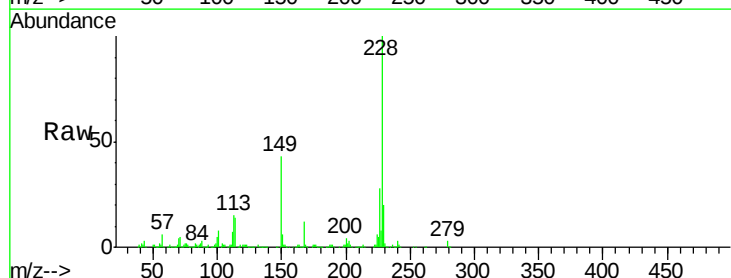
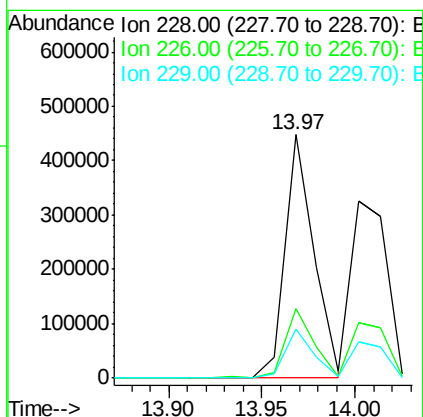
RT: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF085783.D

Acq: 26 Mar 2016 1:32

Tgt Ion:	228	Resp:	481390
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.1	33.1
229	20.1	16.2	24.4





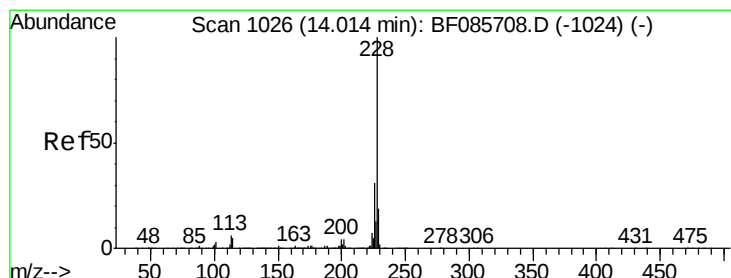
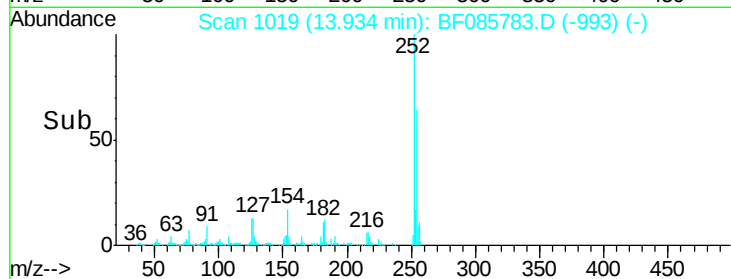
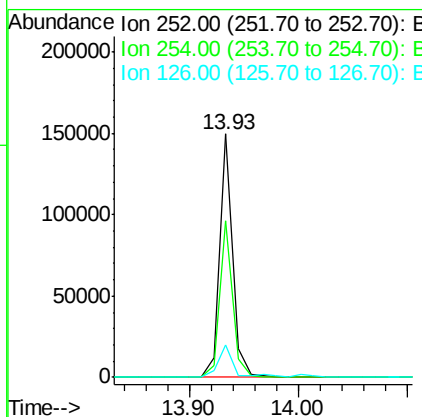
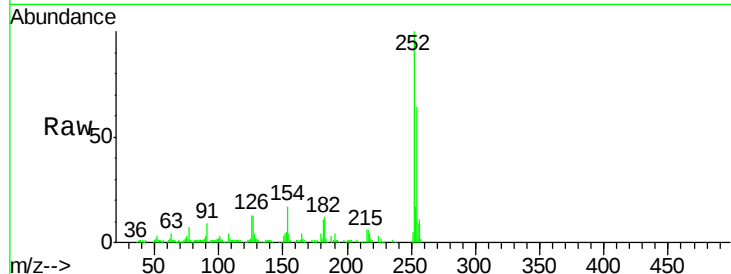
#81
 3,3'-Dichlorobenzidine
 Concen: 14.53 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tot Ion:	252	Resp:	126297
Ion Ratio		Lower	Upper
252	100		
254	64.2	50.7	76.1
126	13.2	11.8	17.6

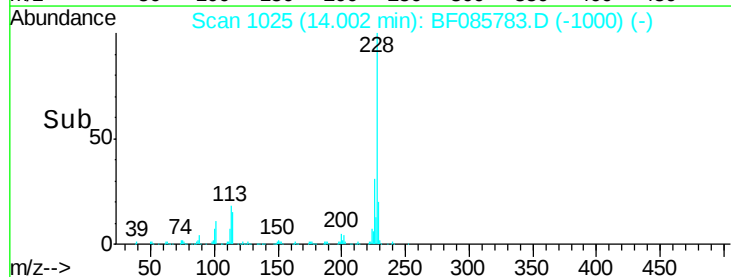
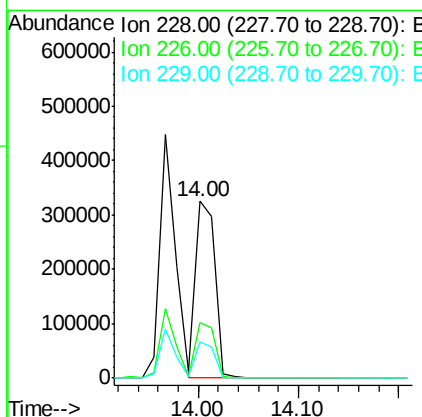
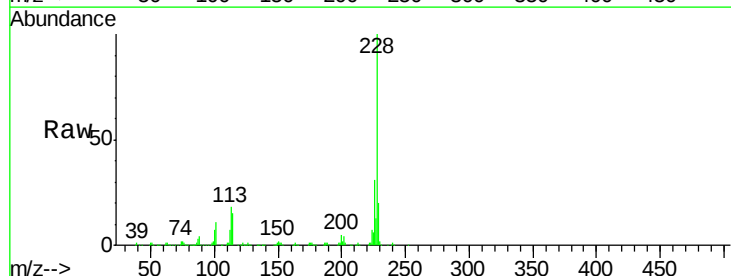
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#82
 Chrysene
 Concen: 34.76 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Tgt Ion:	228	Resp:	438518
Ion Ratio		Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.2	15.7	23.5





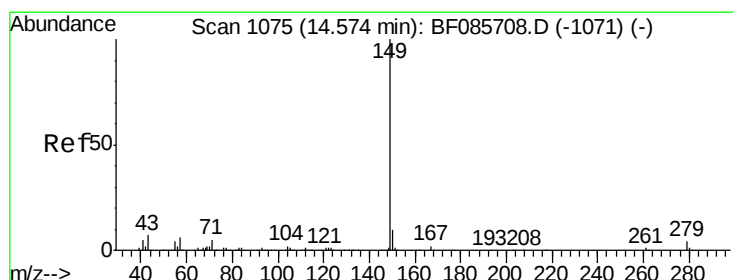
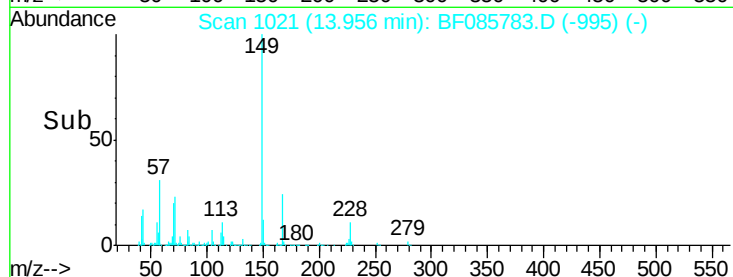
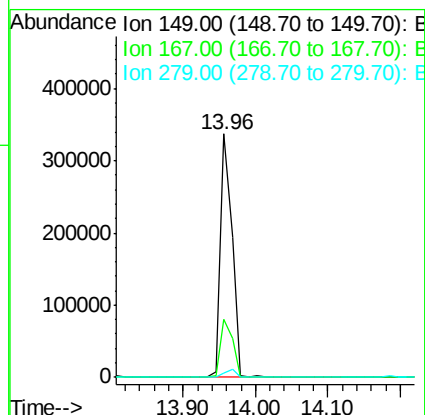
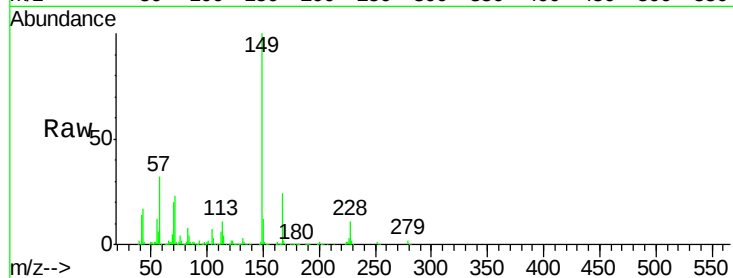
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.60 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.1	19.4	29.2
279	1.8	1.5	2.3

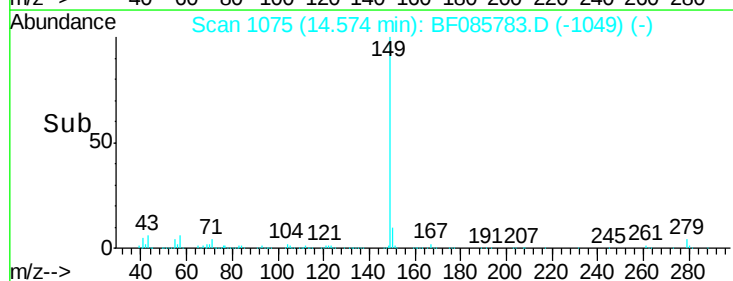
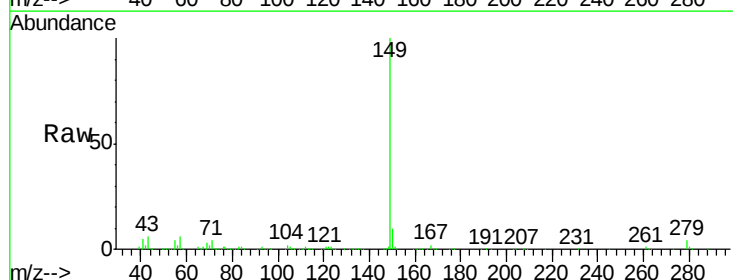
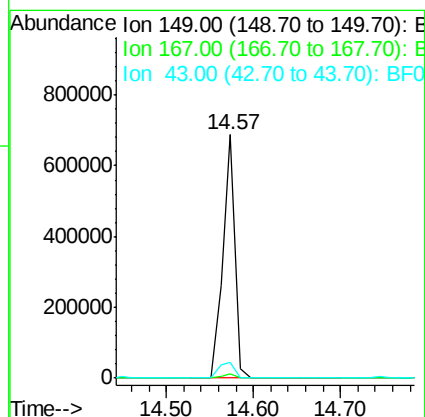
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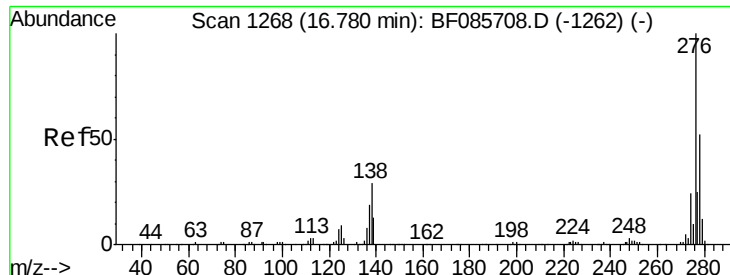
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#84
 Di-n-octyl phthalate
 Concen: 50.30 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.5	7.1	10.7





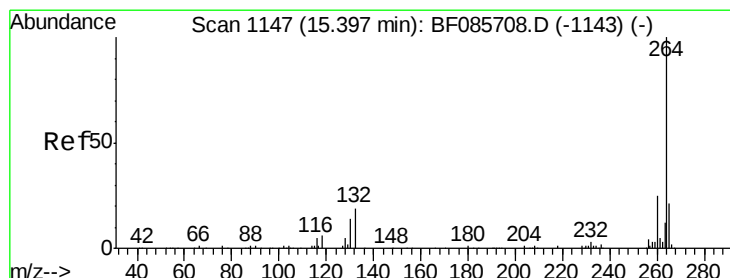
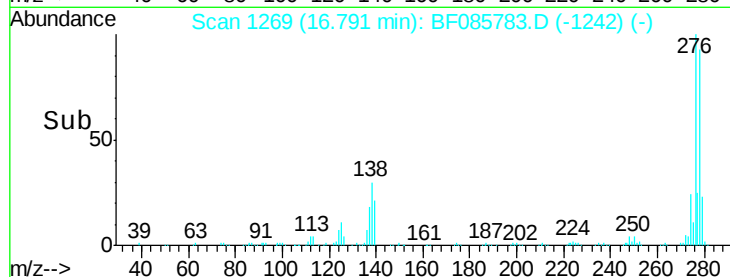
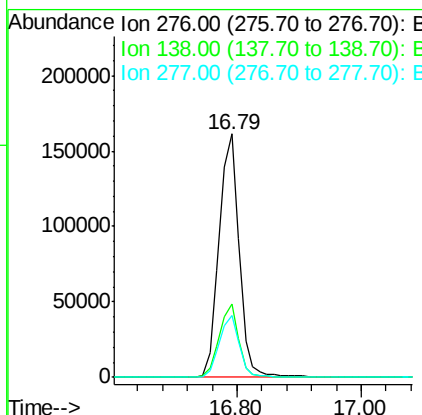
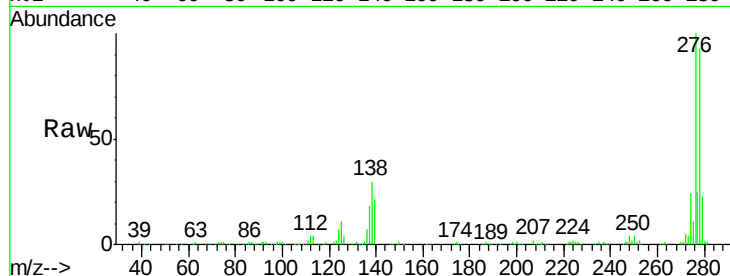
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.09 ng
RT: 16.79 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
ClientSampleId :
13MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	24.2	36.4
277	25.2	20.0	30.0

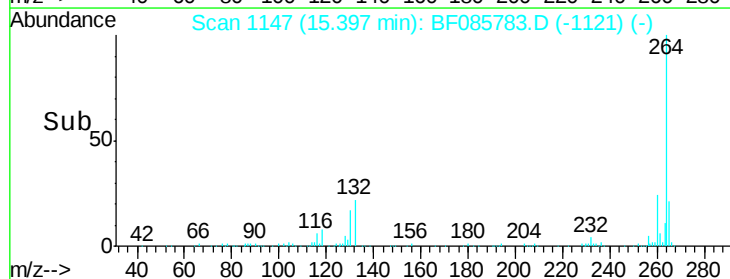
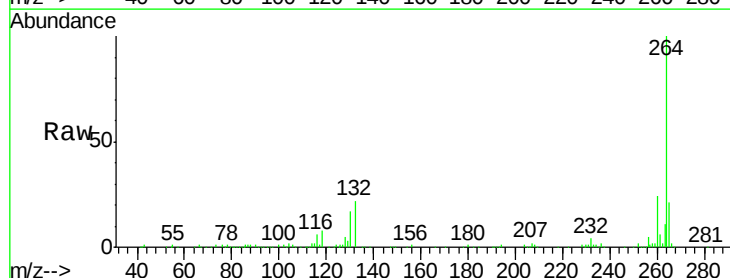
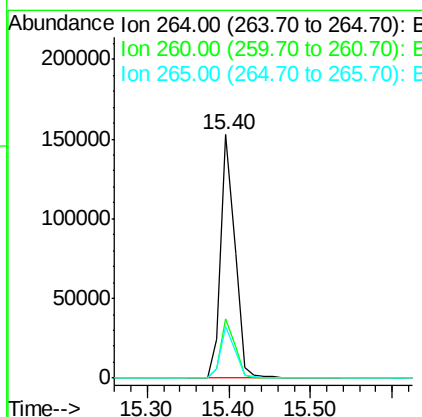
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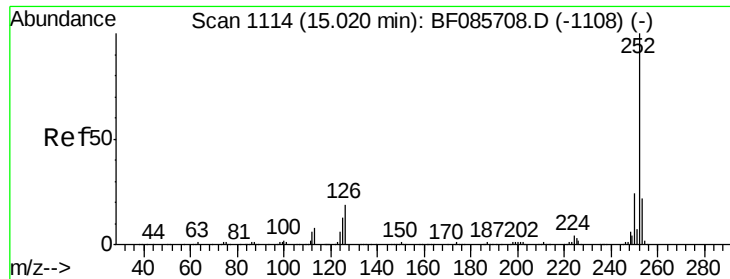
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.3	17.2	25.8





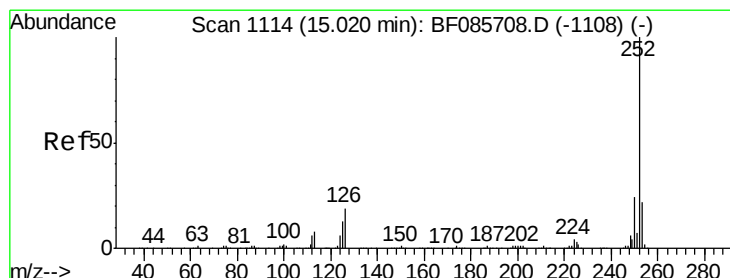
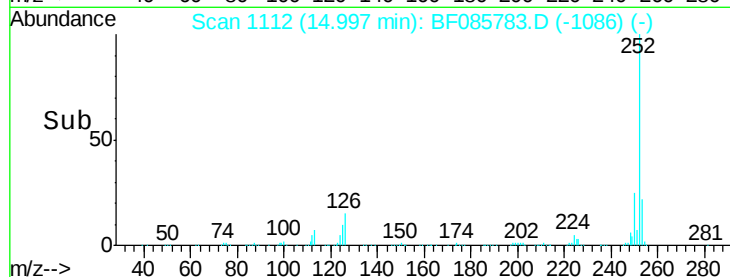
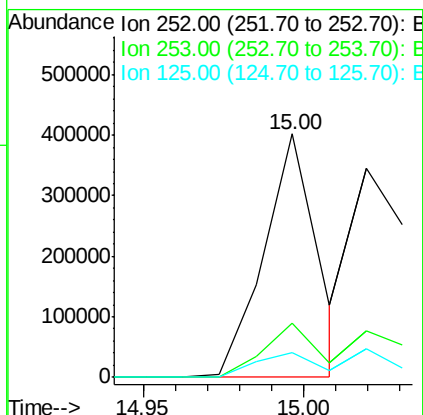
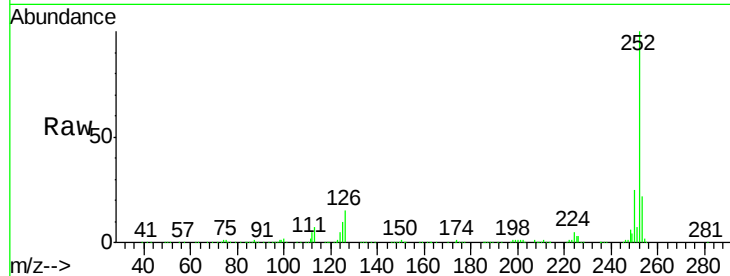
#87
Benzo(b)fluoranthene
Concen: 40.22 ng m
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
ClientSampled :
13MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.4	10.3	15.5

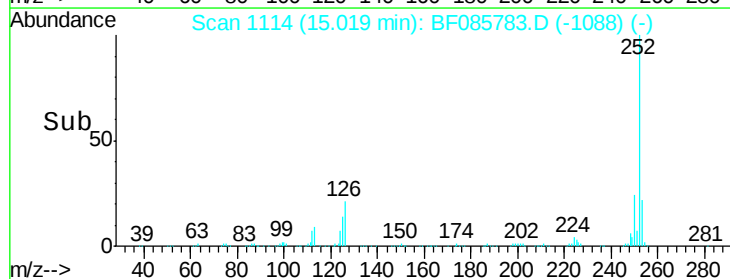
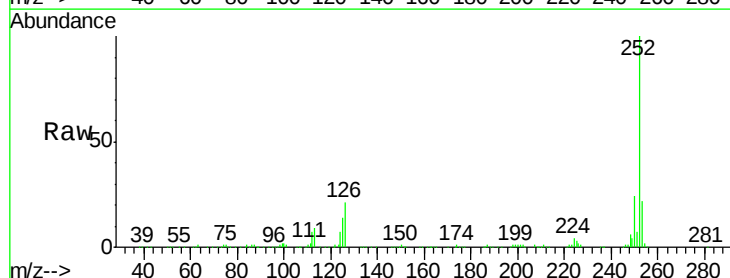
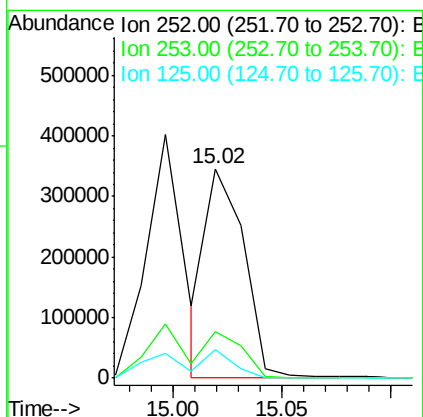
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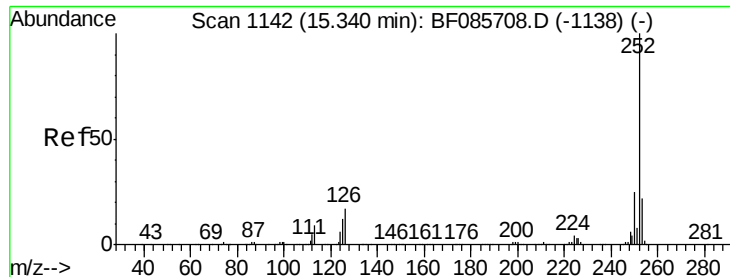
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#88
Benzo(k)fluoranthene
Concen: 40.89 ng m
RT: 15.02 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	13.9	7.7	11.5#





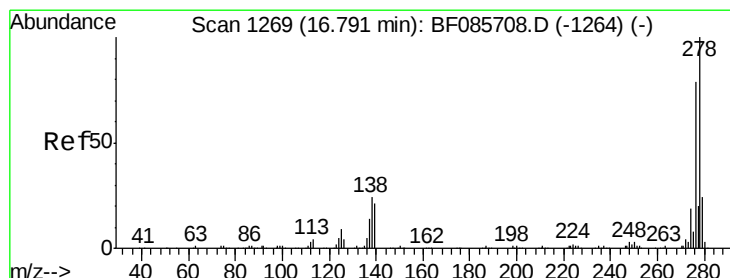
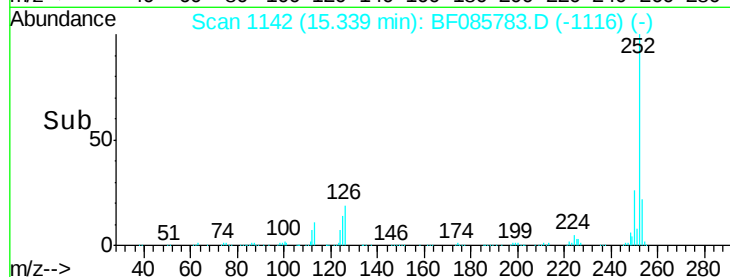
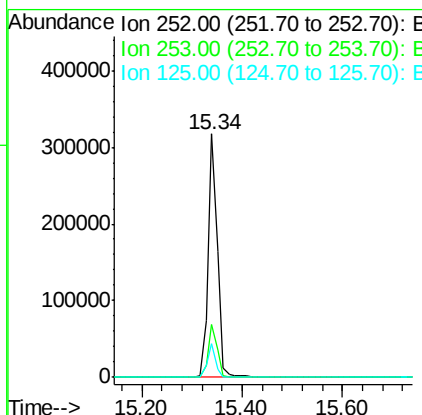
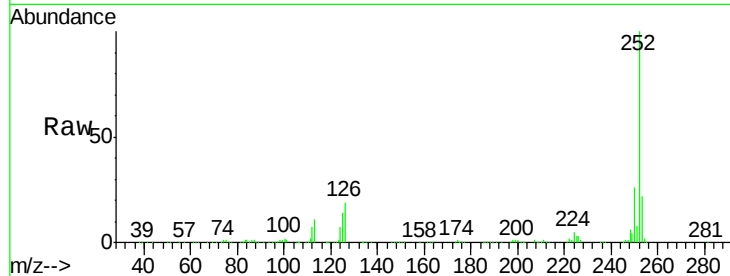
#89
Benzo(a)pyrene
Concen: 39.44 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Instrument :
BNA_F
ClientSampleId :
13MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	14.1	10.3	15.5

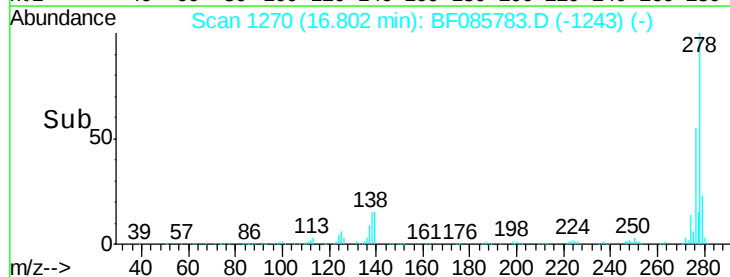
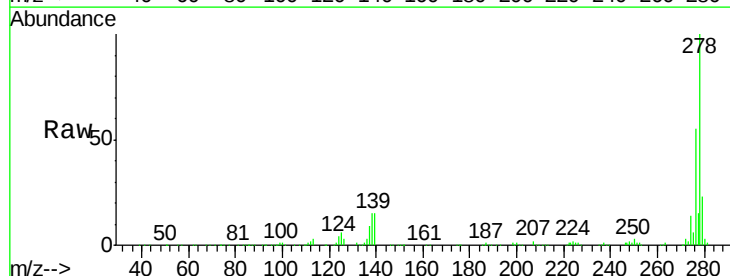
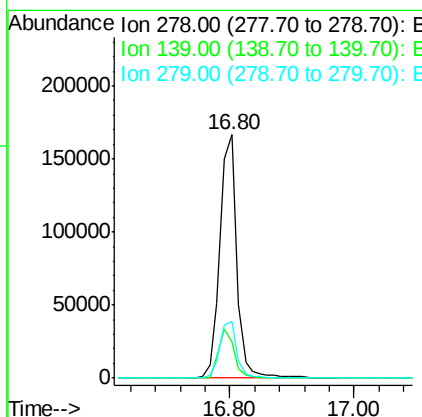
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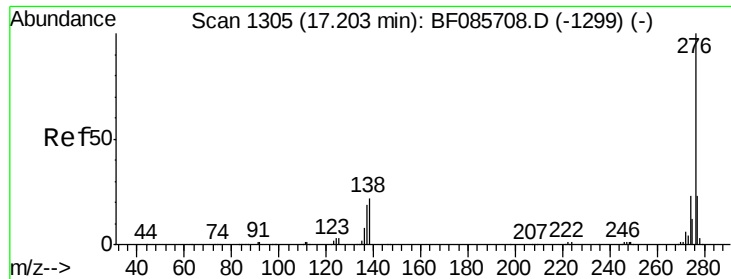
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#90
Dibenzo(a,h)anthracene
Concen: 32.78 ng
RT: 16.80 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF085783.D
Acq: 26 Mar 2016 1:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	14.4	21.6
279	23.4	19.1	28.7





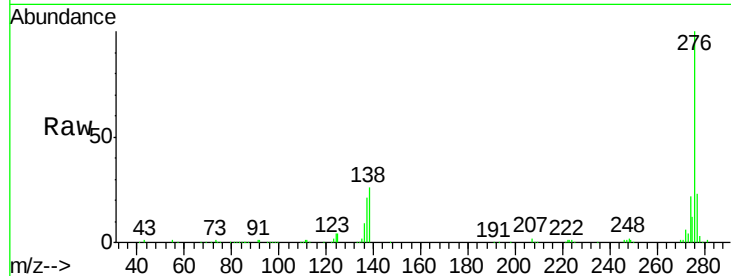
#91
 Benzo(a,h,i)perylene
 Concen: 29.38 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF085783.D
 Acq: 26 Mar 2016 1:32

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tot Ion:	276	Resp:	284270
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.8	28.2
138	25.8	22.6	34.0

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

