

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085847.D
 Acq On : 29 Mar 2016 12:40
 Operator : UM/SJ
 Sample : H1834-08MS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Manual Integrations
 APPROVED

Sohil
 3/29/2016 5:04:43 PM

Quant Time: Mar 29 13:16:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128532	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	515183	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	218677	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	389318	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	251158	20.00	ng	0.00
86) Perylene-d12	15.40	264	223423	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	919082	119.09	ng	0.01
7) Phenol-d6	6.46	99	1220441	124.38	ng	0.00
23) Nitrobenzene-d5	7.38	82	725434	79.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	288664	138.94	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1154218	88.19	ng	-0.01
78) Terphenyl-d14	12.93	244	992893	81.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	125718	34.11	ng	97
3) Pyridine	3.18	79	157318	17.81	ng	99
4) n-Nitrosodimethylamine	3.12	42	164196	46.42	ng	96
6) Aniline	6.48	93	260898	19.75	ng	# 53
8) 2-Chlorophenol	6.61	128	381216	42.51	ng	96
9) Benzaldehyde	6.37	77	70481	11.92	ng	92
10) Phenol	6.48	94	388374	34.93	ng	83
11) bis(2-Chloroethyl)ether	6.56	93	388146	45.37	ng	95
12) 1,3-Dichlorobenzene	6.76	146	385810	39.95	ng	# 95
13) 1,4-Dichlorobenzene	6.84	146	397443	40.58	ng	95
14) 1,2-Dichlorobenzene	6.98	146	346303	37.95	ng	95
15) Benzyl Alcohol	6.96	79	275408	42.07	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	427137	37.63	ng	92
17) 2-Methylphenol	7.09	107	316679	44.11	ng	98
18) Hexachloroethane	7.33	117	140721	39.24	ng	92
19) n-Nitroso-di-n-propylamine	7.24	70	231600	39.42	ng	93
20) 3+4-Methylphenols	7.24	107	345549	40.03	ng	95
22) Acetophenone	7.24	105	483820	40.31	ng	# 97
24) Nitrobenzene	7.41	77	427893	45.37	ng	93
25) Isophorone	7.65	82	763331	43.31	ng	96
26) 2-Nitrophenol	7.73	139	206324	43.73	ng	# 88
27) 2,4-Dimethylphenol	7.76	122	301014	36.50	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	430686	42.89	ng	99
29) 2,4-Dichlorophenol	7.97	162	301474	43.49	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	324418	42.15	ng	95
31) Naphthalene	8.13	128	1081738	41.67	ng	99
32) Benzoic acid	7.85	122	33458	6.11	ng	98
33) 4-Chloroaniline	8.18	127	141131	13.32	ng	99
34) Hexachlorobutadiene	8.24	225	167931	40.14	ng	99
35) Caprolactam	8.55	113	93148m	37.93	ng	
36) 4-Chloro-3-methylphenol	8.66	107	350856	43.33	ng	95
37) 2-Methylnaphthalene	8.81	142	672241	44.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	281095	43.35	ng	99
40) Hexachlorocyclopentadiene	8.97	237	131947	52.40	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	194800	44.48	ng	100
43) 2,4,5-Trichlorophenol	9.14	196	200828	43.72	ng #	88
45) 1,1'-Biphenyl	9.28	154	763177	41.36	ng	98
46) 2-Chloronaphthalene	9.30	162	572999	42.23	ng	92
47) 2-Nitroaniline	9.41	65	196903	47.46	ng	98
48) Acenaphthylene	9.72	152	947122	42.84	ng	99
49) Dimethylphthalate	9.59	163	1007920	60.75	ng	100
50) 2,6-Dinitrotoluene	9.65	165	156591	43.85	ng	92
51) Acenaphthene	9.89	154	561917	41.61	ng	99
52) 3-Nitroaniline	9.82	138	122502	29.97	ng	98
53) 2,4-Dinitrophenol	9.93	184	60200	36.89	ng #	71
54) Dibenzofuran	10.07	168	819431	46.88	ng	95
55) 4-Nitrophenol	9.99	139	193009	72.48	ng	92
56) 2,4-Dinitrotoluene	10.06	165	214680	47.30	ng #	72
57) Fluorene	10.41	166	615980	42.39	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	155366	48.67	ng	96
59) Diethylphthalate	10.29	149	772770	47.14	ng	100
60) 4-Chlorophenyl-phenylether	10.40	204	327363	46.08	ng #	87
61) 4-Nitroaniline	10.44	138	163247	41.75	ng	94
62) Azobenzene	10.56	77	766581	48.67	ng	92
64) 4,6-Dinitro-2-methylphenol	10.47	198	66817	29.31	ng #	57
65) n-Nitrosodiphenylamine	10.52	169	562715	45.63	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	186522	46.83	ng #	86
67) Hexachlorobenzene	10.96	284	192601	46.24	ng #	87
68) Atrazine	11.05	200	209460	50.31	ng	99
69) Pentachlorophenol	11.16	266	168803	82.55	ng	99
70) Phenanthrene	11.37	178	911057	45.58	ng	99
71) Anthracene	11.42	178	899748	42.87	ng	100
72) Carbazole	11.58	167	867621	49.24	ng	98
73) Di-n-butylphthalate	11.91	149	1085349	44.89	ng	98
74) Fluoranthene	12.55	202	765558	36.03	ng	97
76) Benzidine	12.68	184	24274	2.74	ng	99
77) Pyrene	12.78	202	771732	37.38	ng	99
79) Butylbenzylphthalate	13.40	149	369856	42.78	ng #	79
80) Benzo(a)anthracene	13.97	228	617540	43.12	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	109943	11.06	ng #	97
82) Chrysene	14.00	228	494042	34.25	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	512947	49.55	ng #	96
84) Di-n-octyl phthalate	14.56	149	743792	48.32	ng	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	623584	55.98	ng	99
87) Benzo(b)fluoranthene	15.00	252	671782m	47.73	ng	
88) Benzo(k)fluoranthene	15.02	252	455775m	35.92	ng	
89) Benzo(a)pyrene	15.34	252	558345	44.68	ng	99
90) Dibenzo(a,h)anthracene	16.79	278	530716	45.71	ng	97
91) Benzo(g,h,i)perylene	17.20	276	501559	42.66	ng	95

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

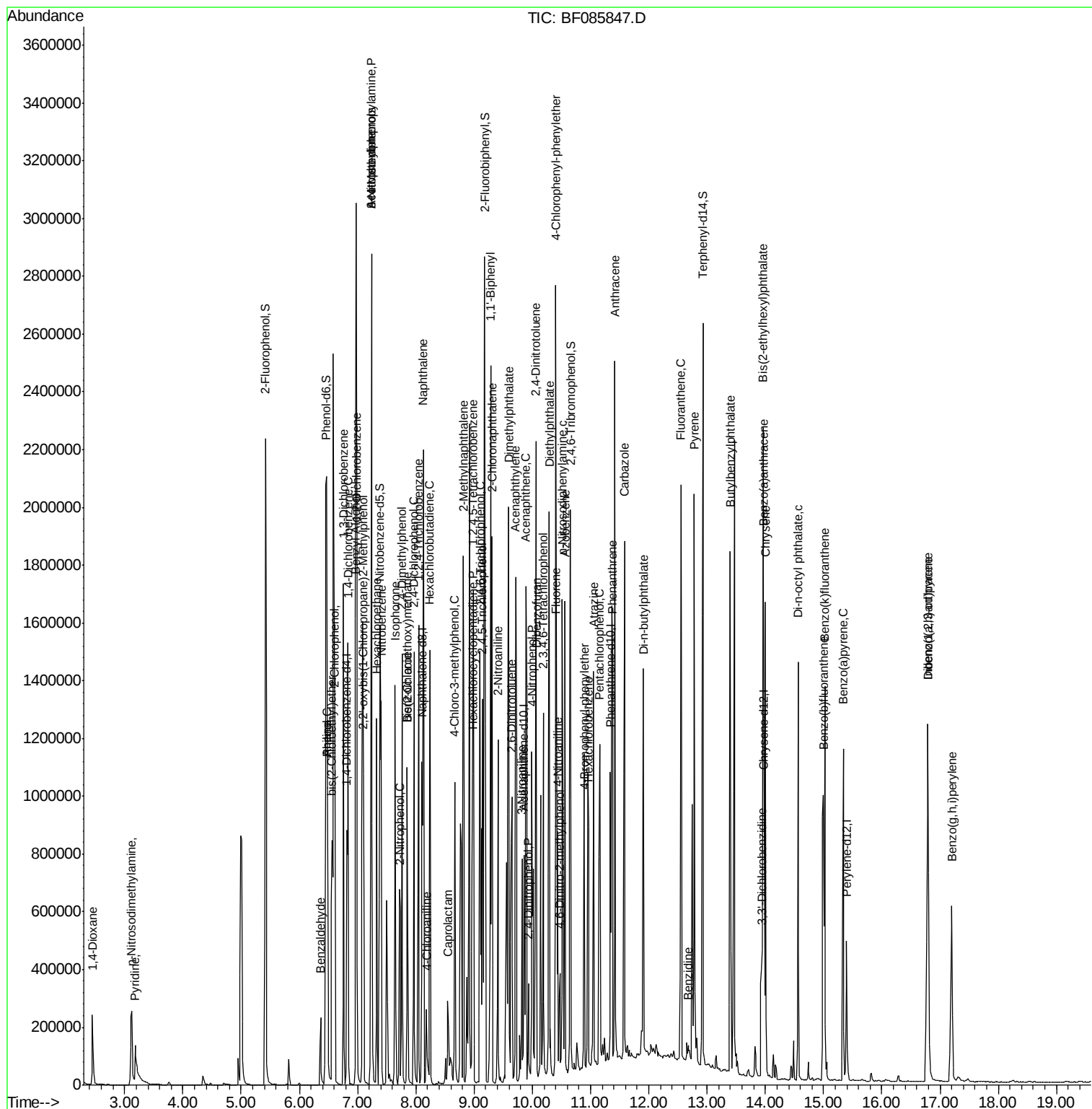
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\  
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Operator  : UM/SJ  
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ALS Vial  : 49      Sample Multiplier: 1
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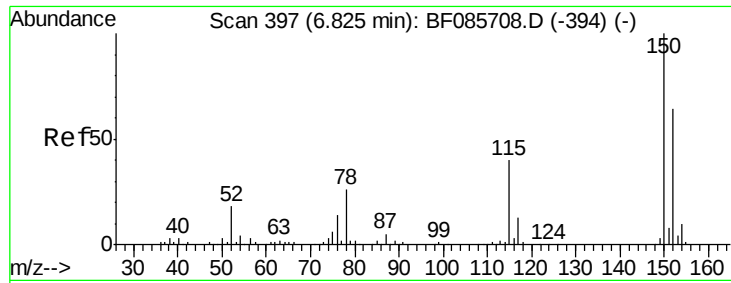
Instrument :
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#1

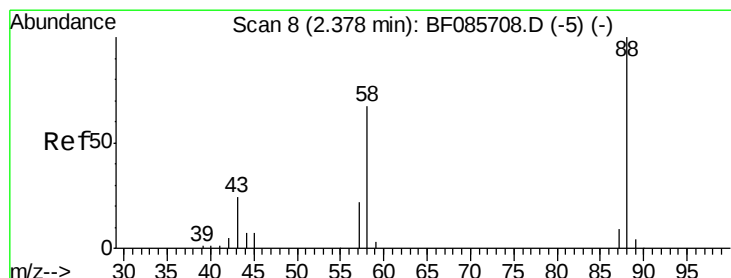
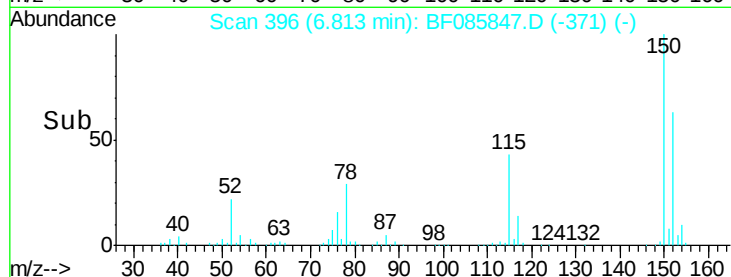
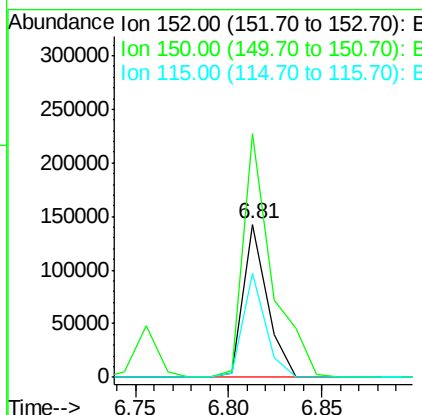
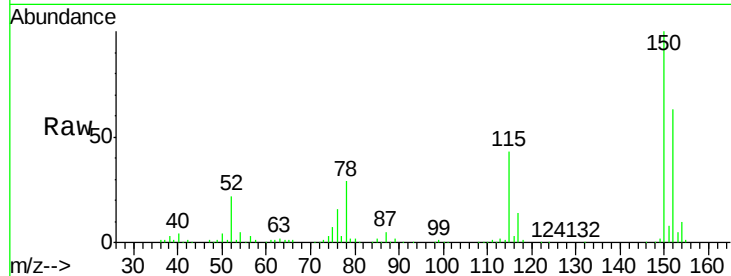
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampled :
13MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.2	186.2
115	67.7	47.0	70.6

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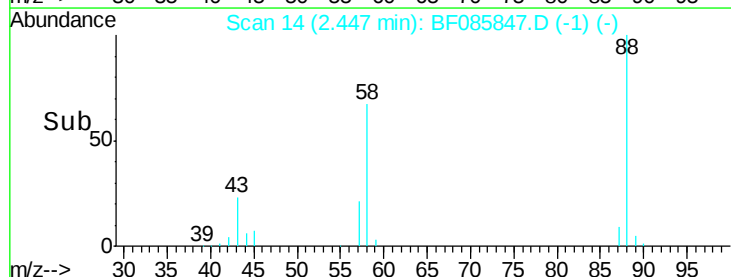
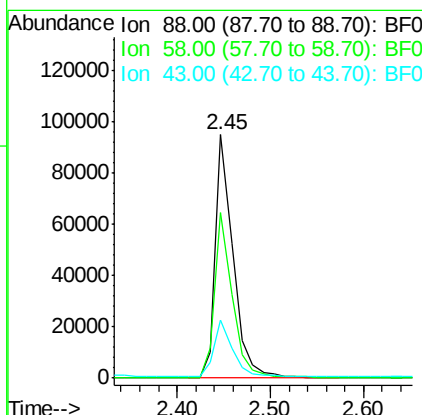
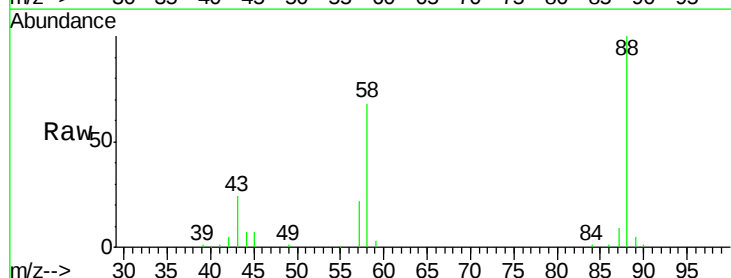
Sohil
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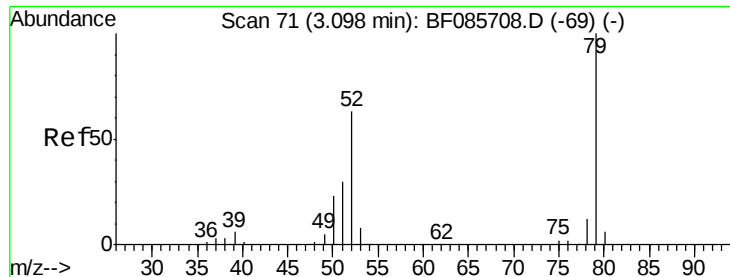


#2

1,4-Dioxane
Concen: 34.11 ng
RT: 2.45 min Scan# 14
Delta R.T. 0.07 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	54.2	81.2
43	26.5	19.3	28.9





#3

Pyridine

Concen: 17.81 ng

RT: 3.18 min Scan# 78

Delta R.T. 0.08 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

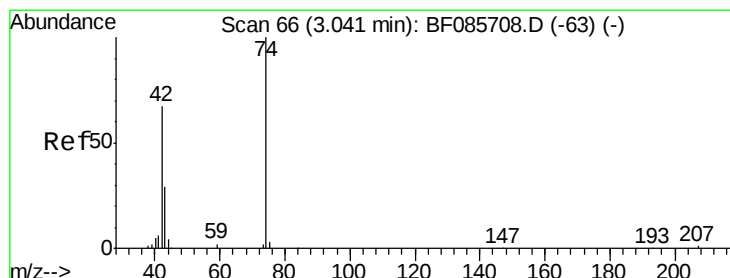
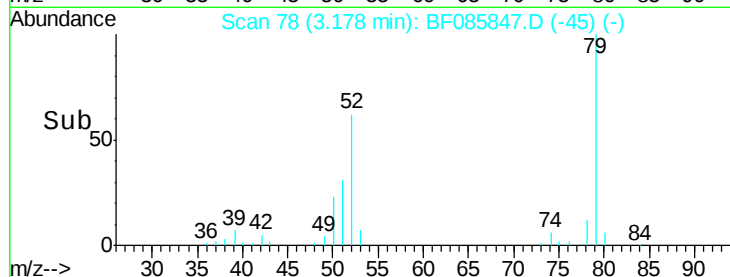
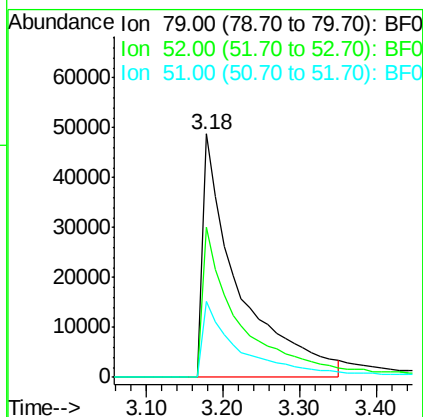
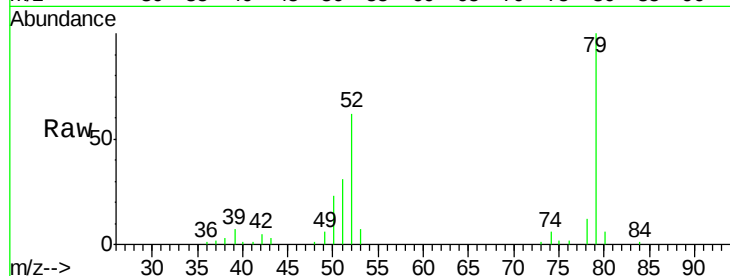
ClientSampled :

13MS

Tgt Ion:	79	Resp:	157318
Ion	Ratio	Lower	Upper
79	100		
52	61.5	49.8	74.6
51	31.1	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 46.42 ng

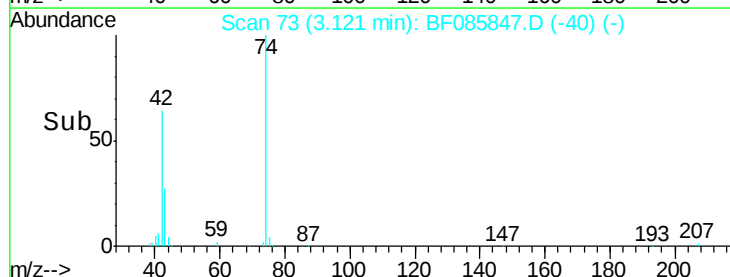
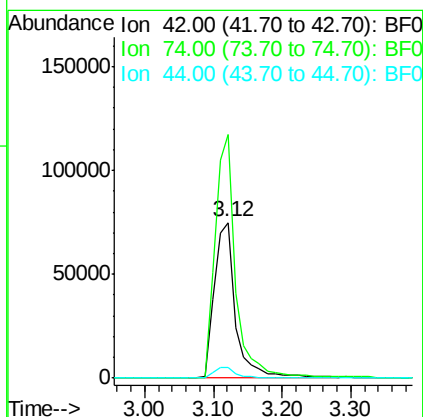
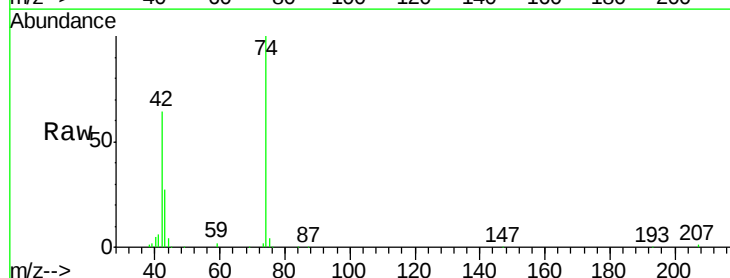
RT: 3.12 min Scan# 73

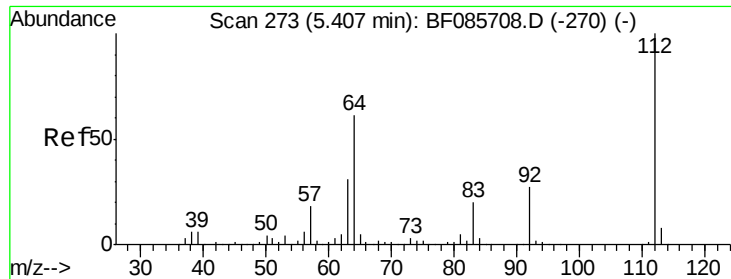
Delta R.T. 0.08 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion:	42	Resp:	164196
Ion	Ratio	Lower	Upper
42	100		
74	156.6	121.4	182.2
44	6.9	5.6	8.4





#5

2-Fluorophenol

Concen: 119.09 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085847.D

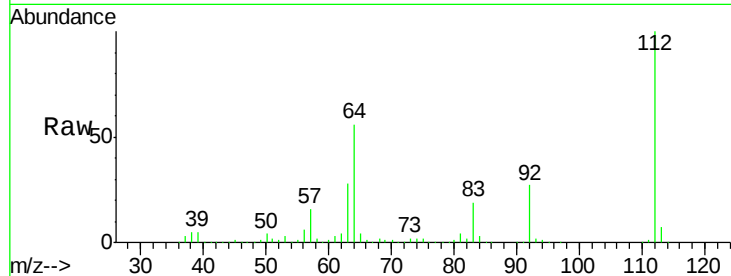
Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampled :

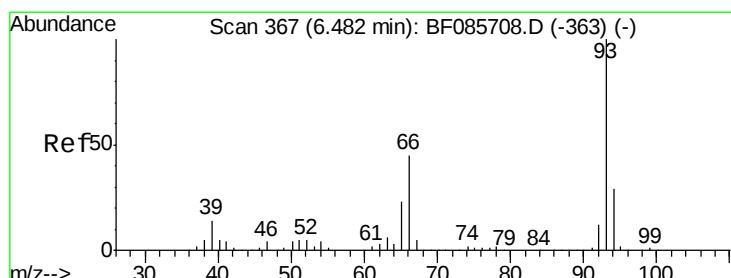
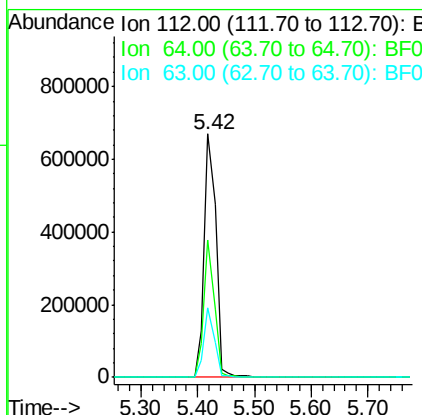
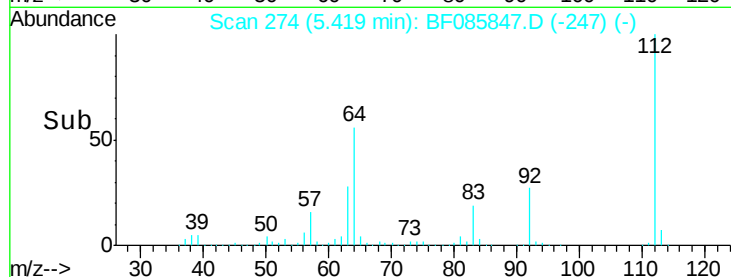
13MS



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	919082		
64	56.2	39.9	59.9	
63	28.4	20.2	30.2	

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#6

Aniline

Concen: 19.75 ng

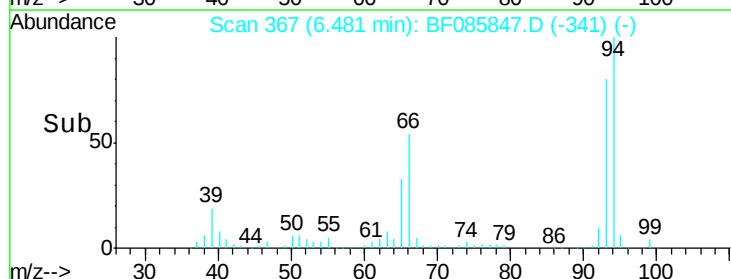
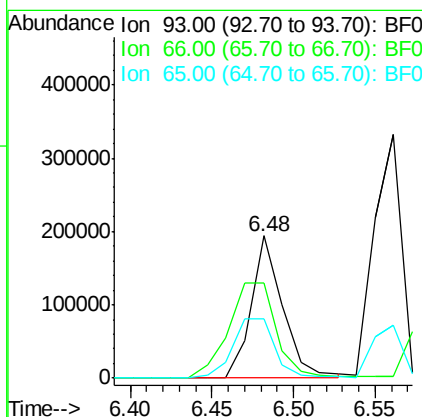
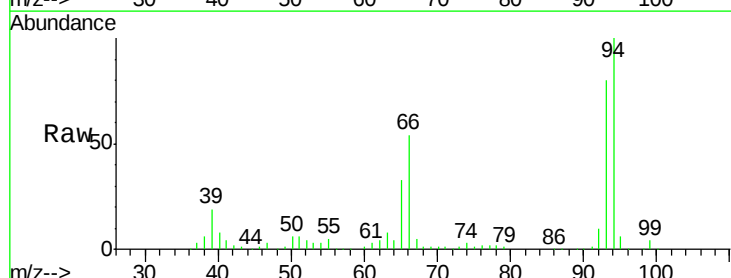
RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	260898		
66	67.3	31.4	47.2#	
65	41.6	15.7	23.5#	





#7

Phenol-d6

Concen: 124.38 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085847.D

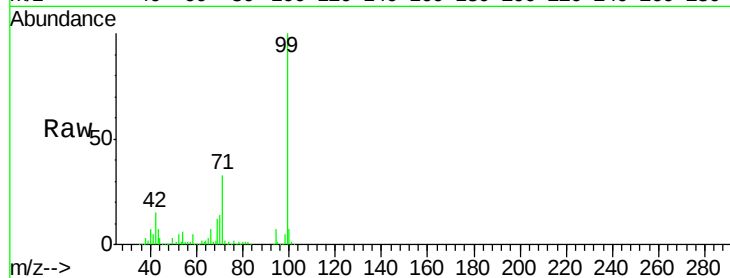
Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampled :

13MS



Tgt Ion: 99 Resp: 1220441

Ion Ratio Lower Upper

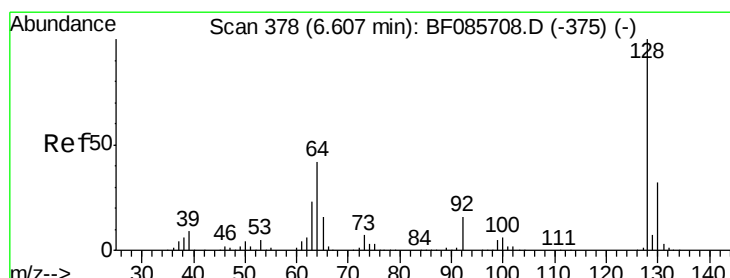
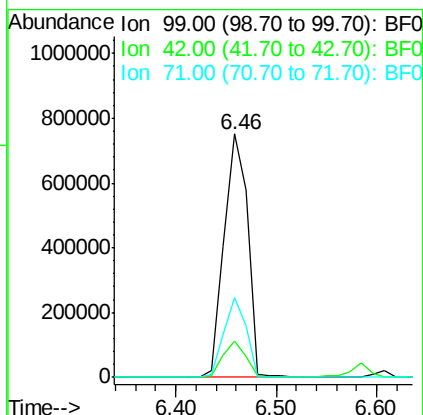
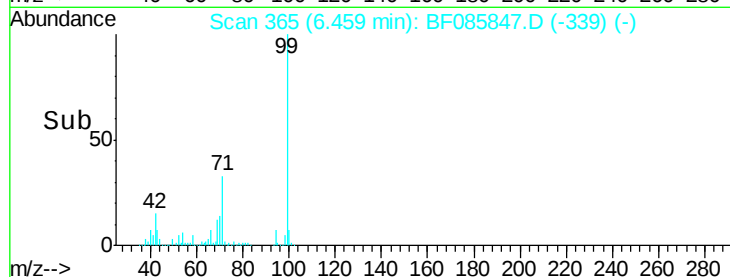
99 100

42 15.0 11.1 16.7

71 33.0 24.9 37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.51 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

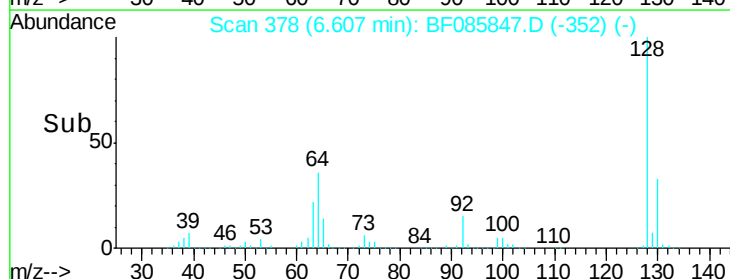
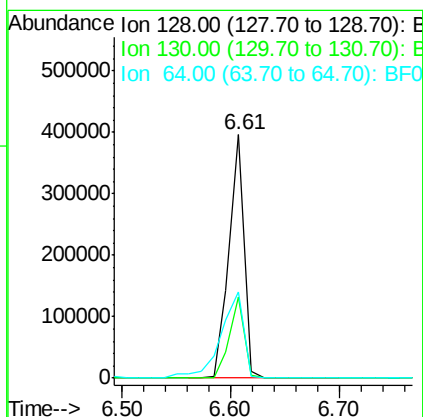
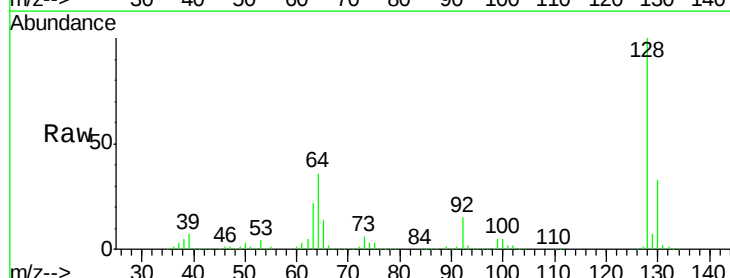
Tgt Ion: 128 Resp: 381216

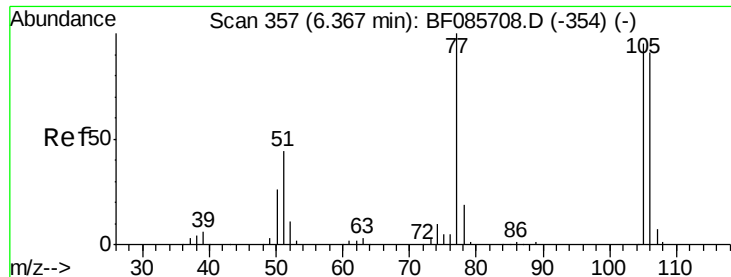
Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

64 35.6 20.2 60.2





#9

Benzaldehyde

Concen: 11.92 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

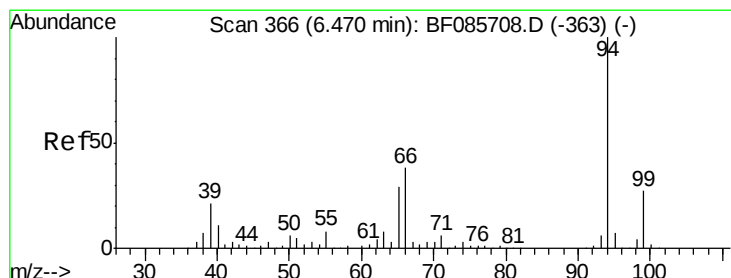
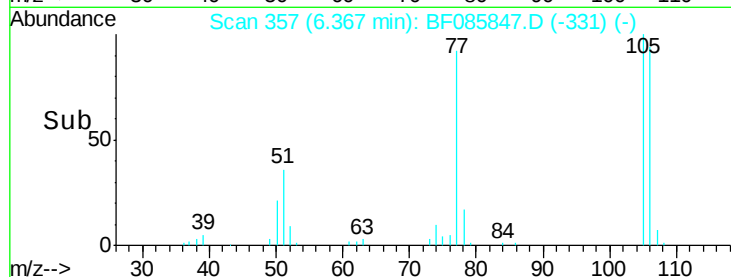
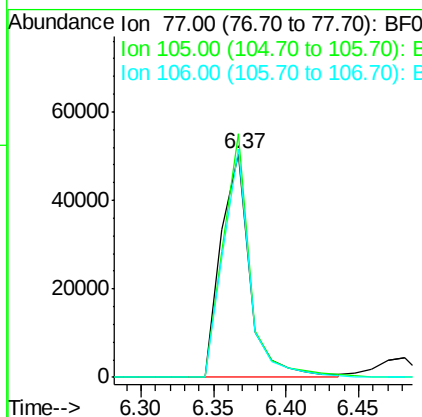
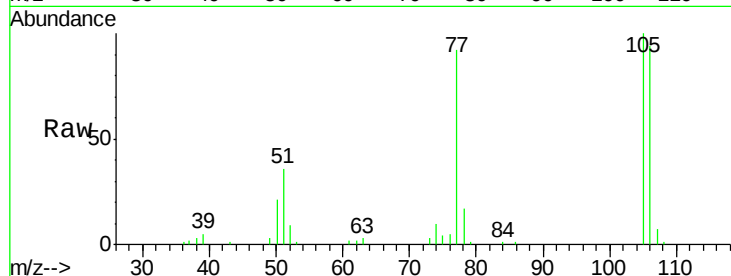
13MS

Tgt Ion: 77 Resp: 70481

Ion	Ratio	Lower	Upper
77	100		
105	108.8	80.1	120.1
106	102.2	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 34.93 ng

RT: 6.48 min Scan# 367

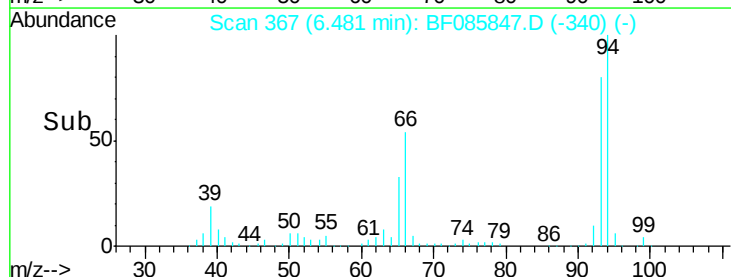
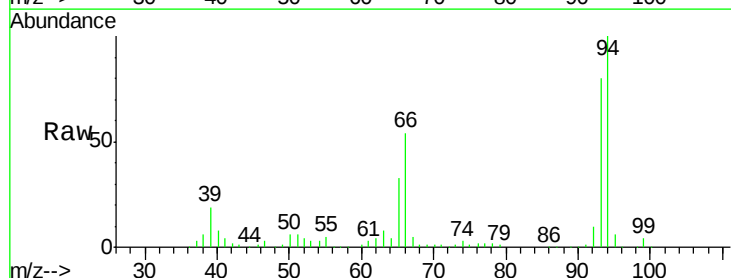
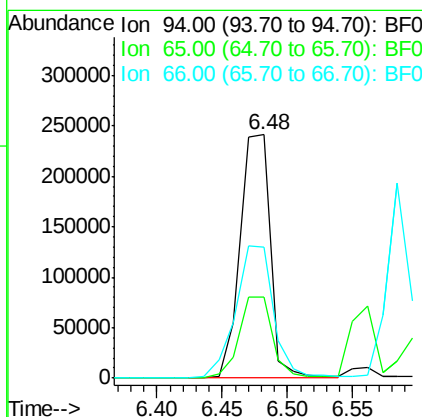
Delta R.T. 0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion: 94 Resp: 388374

Ion	Ratio	Lower	Upper
94	100		
65	33.4	8.6	48.6
66	54.0	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 45.37 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

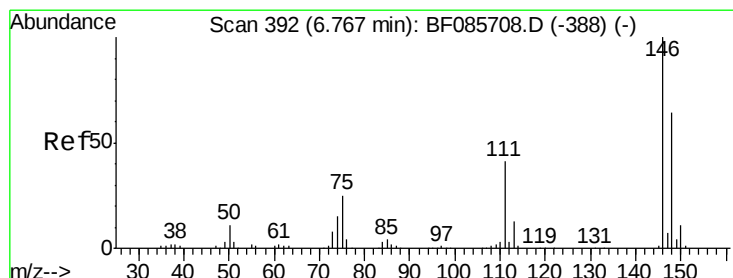
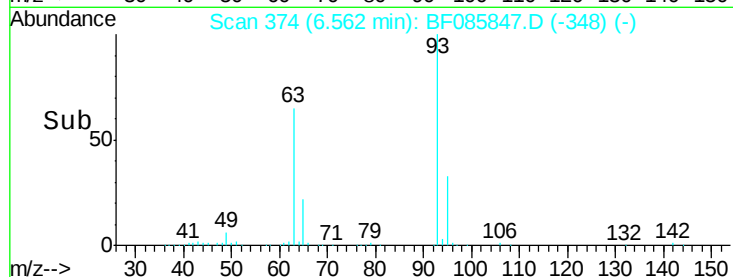
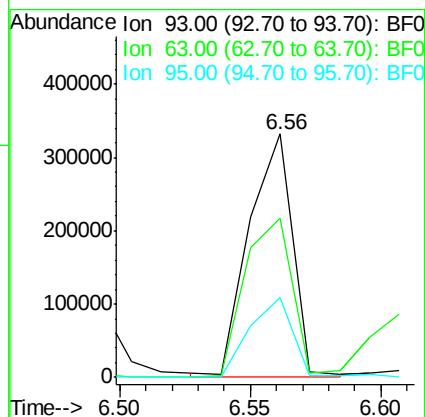
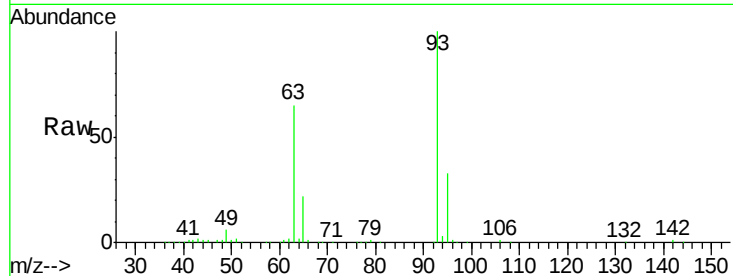
ClientSampled :

13MS

Tgt Ion:	93	Resp:	388146
Ion Ratio	Lower	Upper	
93	100		
63	65.3	50.9	90.9
95	33.0	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 39.95 ng

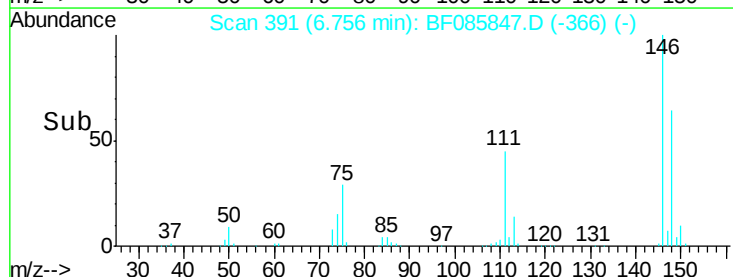
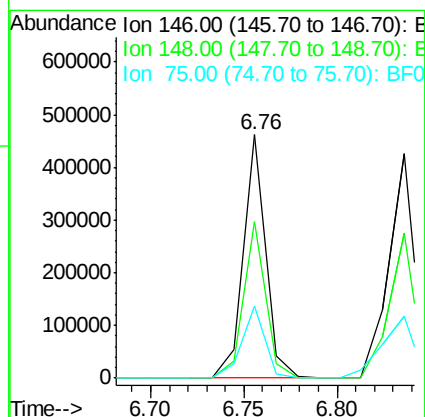
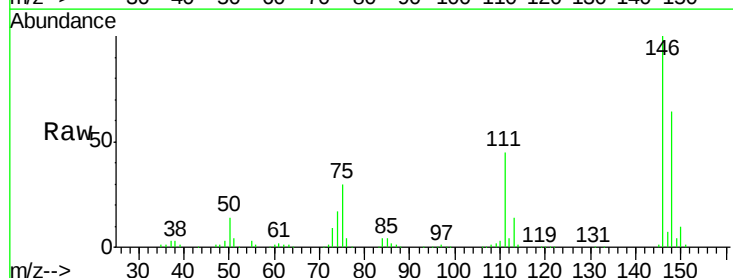
RT: 6.76 min Scan# 391

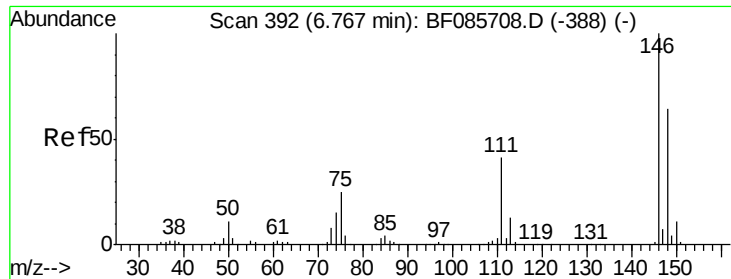
Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion:	146	Resp:	385810
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.3	78.5
75	29.7	17.4	26.2#





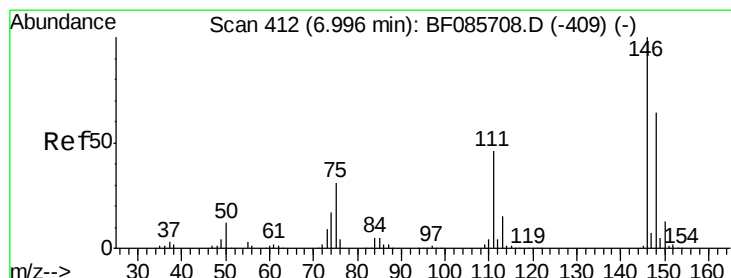
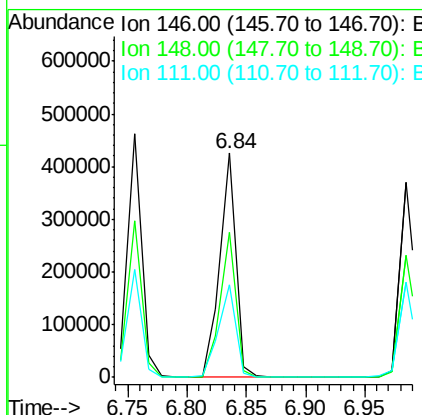
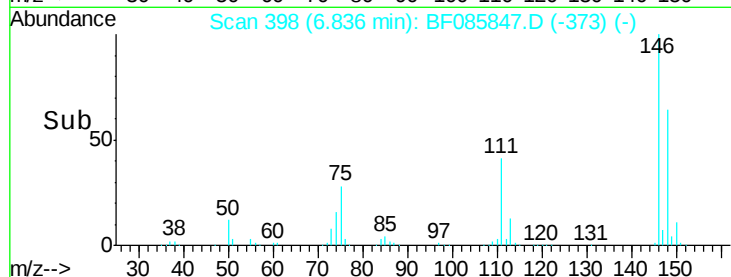
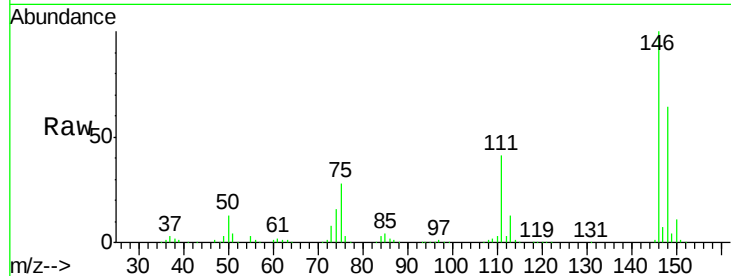
#13
 1,4-Dichlorobenzene
 Concen: 40.58 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampled :
 13MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
111	41.1	37.8	56.6

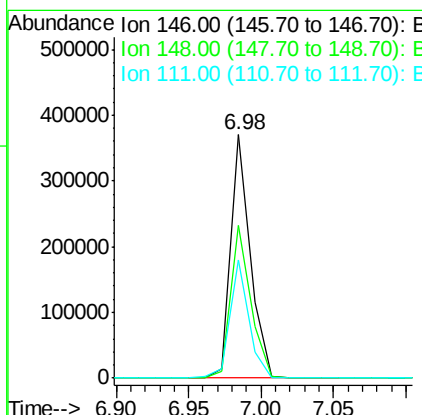
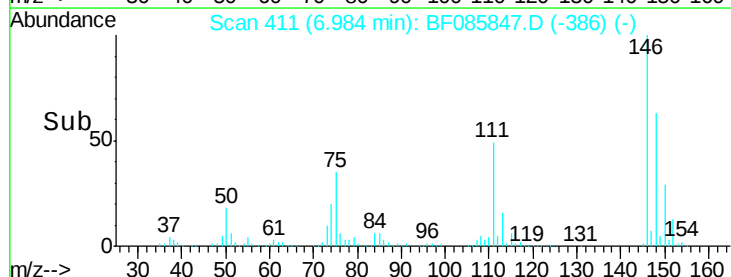
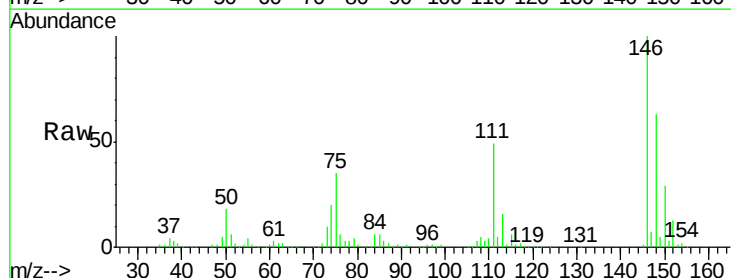
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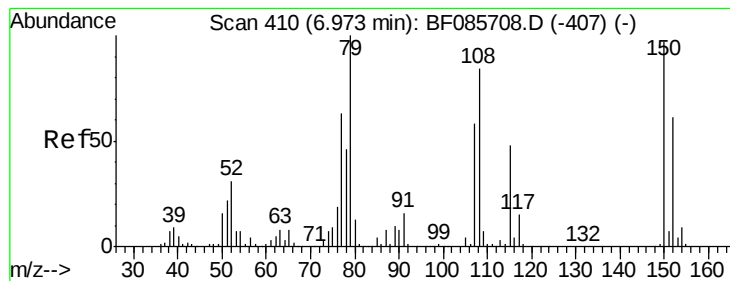
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 37.95 ng
 RT: 6.98 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.4	77.2
111	48.5	34.6	52.0





#15

Benzyl Alcohol

Concen: 42.07 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampled :

13MS

Tgt Ion: 79 Resp: 275408
Ion Ratio Lower Upper

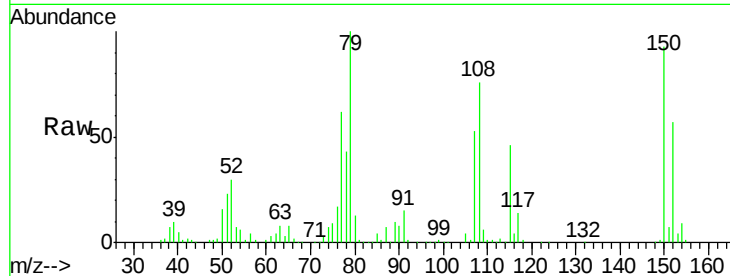
79 100

108 76.0 61.8 92.6

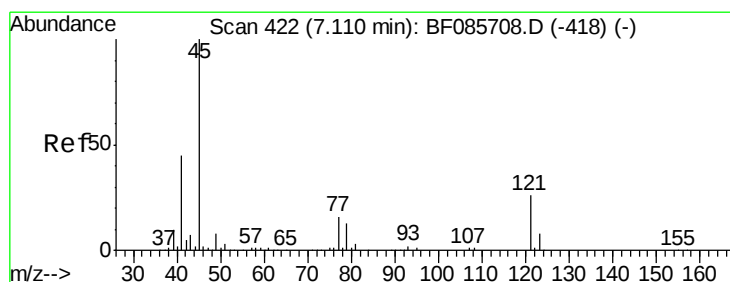
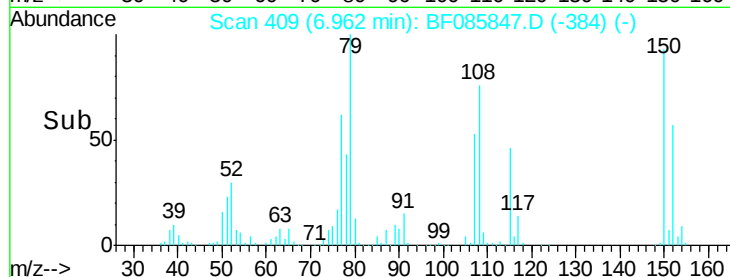
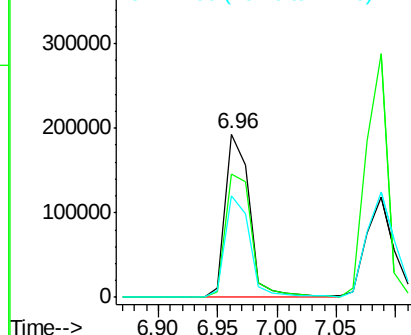
77 62.1 49.6 74.4

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.63 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085847.D

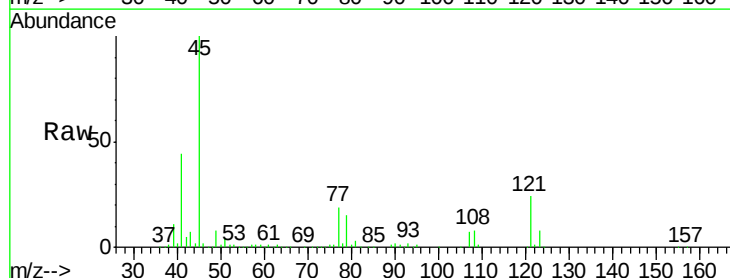
Acq: 29 Mar 2016 12:40

Tgt Ion: 45 Resp: 427137
Ion Ratio Lower Upper

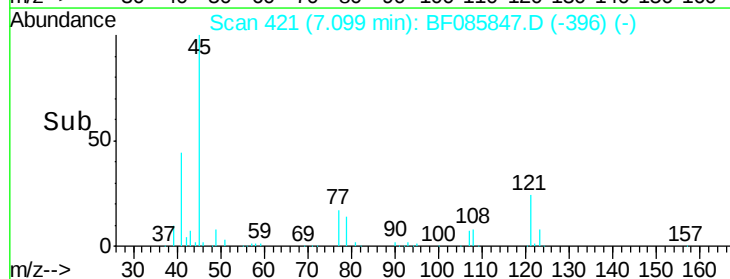
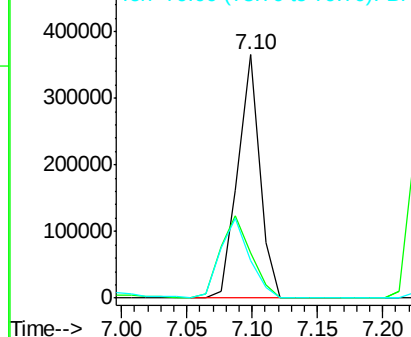
45 100

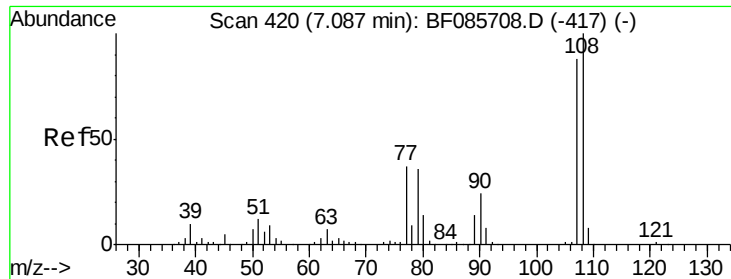
77 18.8 0.0 35.7

79 15.3 0.0 32.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 44.11 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF085847.D

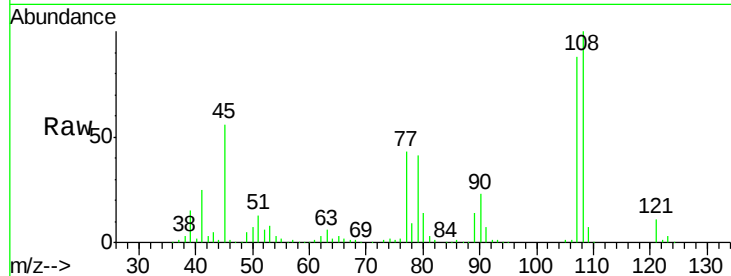
Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampled :

13MS



Tgt Ion:107 Resp: 316679

Ion Ratio Lower Upper

107 100

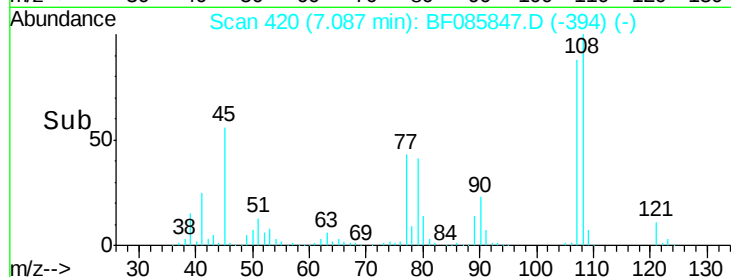
108 113.3 91.4 137.0

77 48.7 36.2 54.2

79 46.8 35.8 53.8

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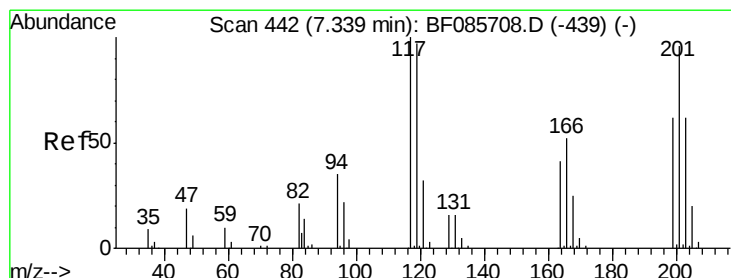
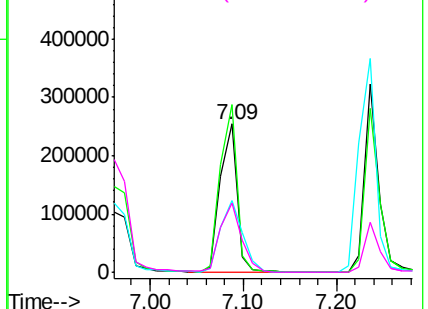


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.24 ng

RT: 7.33 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

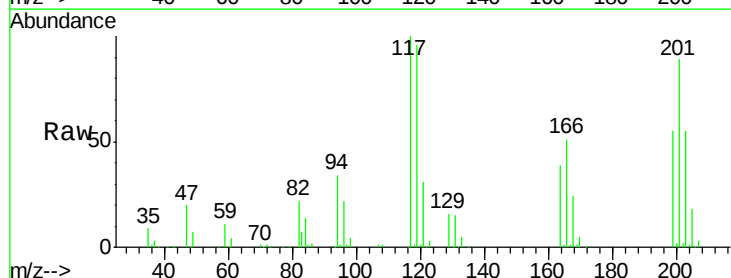
Tgt Ion:117 Resp: 140721

Ion Ratio Lower Upper

117 100

119 95.7 76.7 115.1

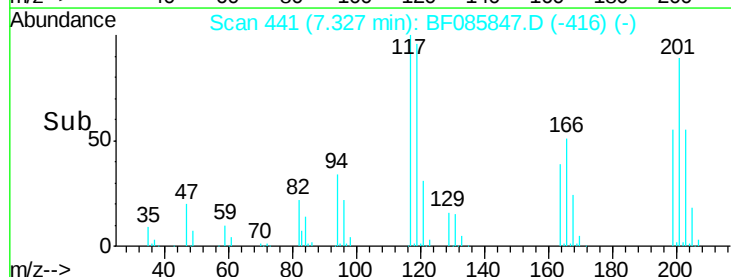
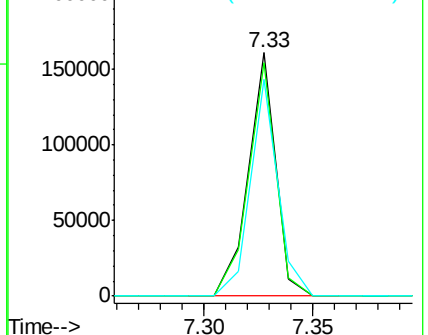
201 88.9 83.3 124.9

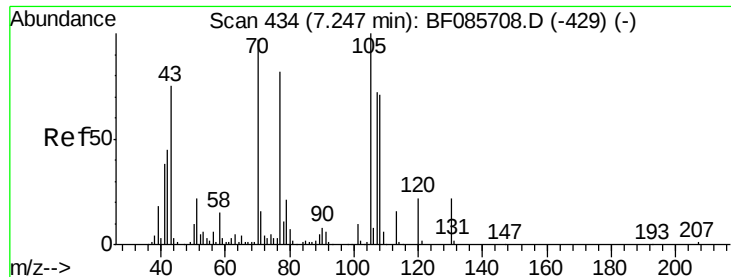


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





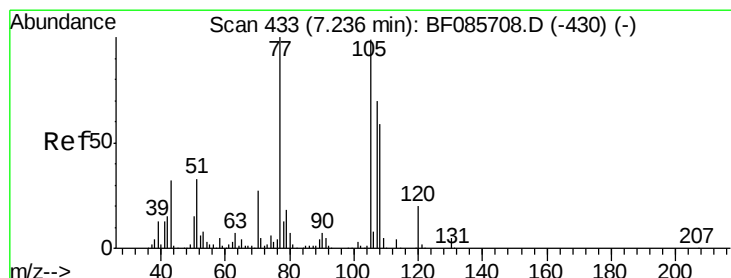
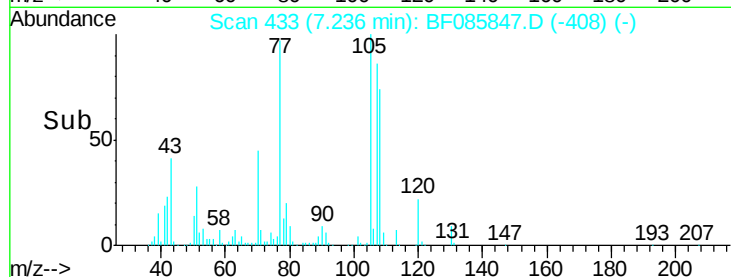
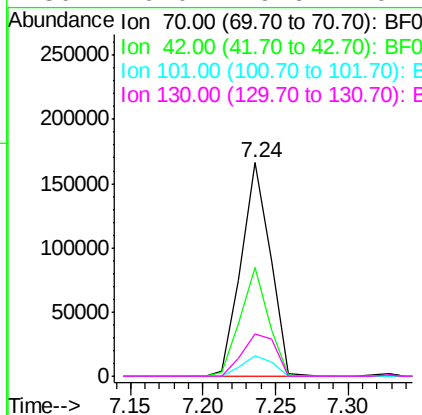
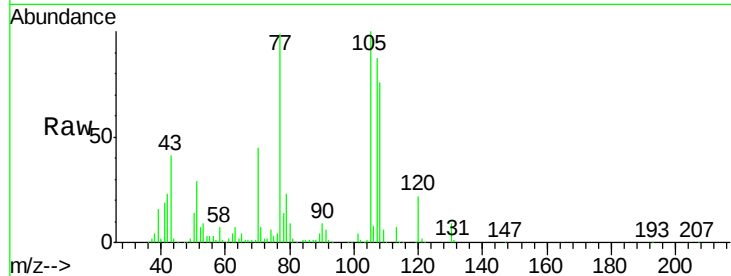
#19
n-Nitroso-di-n-propylamine
Concen: 39.42 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampled :
13MS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.8	37.1	55.7	
101	9.6	8.6	12.8	
130	20.0	19.6	29.4	

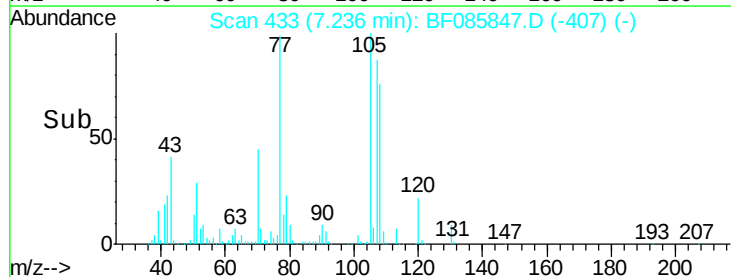
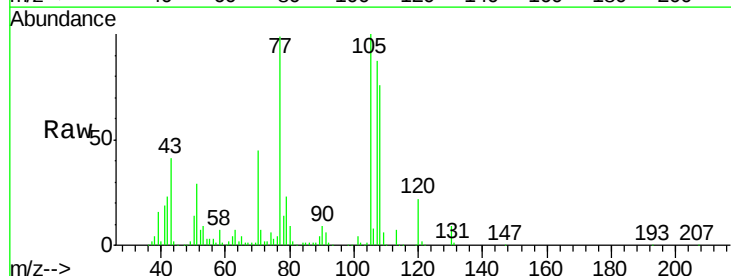
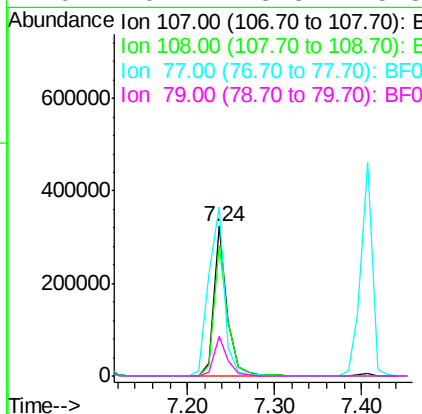
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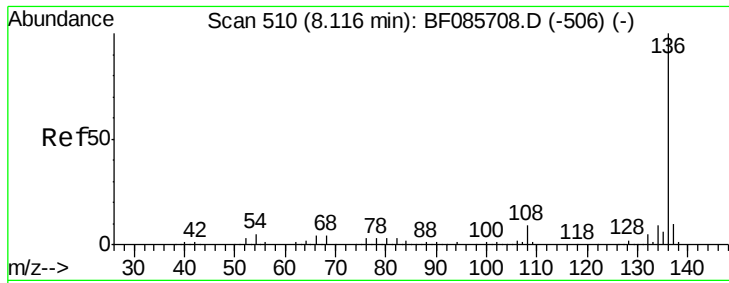
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#20
3+4-Methylphenols
Concen: 40.03 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	69.3	109.3	
77	113.4	101.7	141.7	
79	26.7	8.3	48.3	





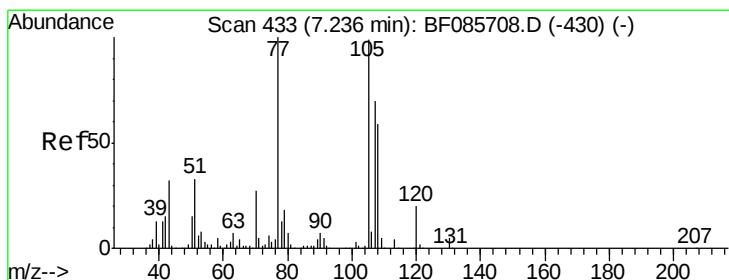
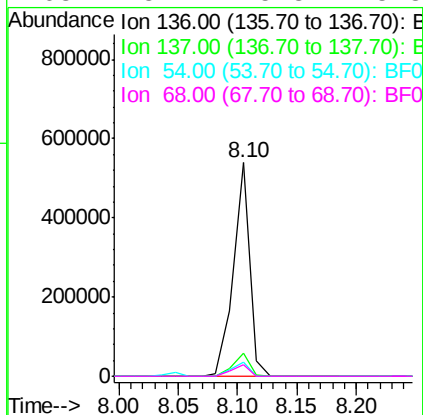
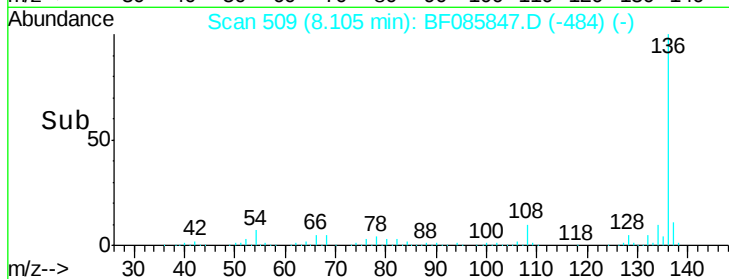
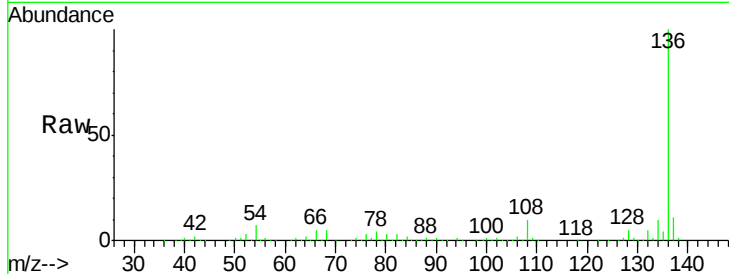
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampleId :
13MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.9	9.1	13.7
54	6.6	7.4	11.0#
68	5.4	5.8	8.8#

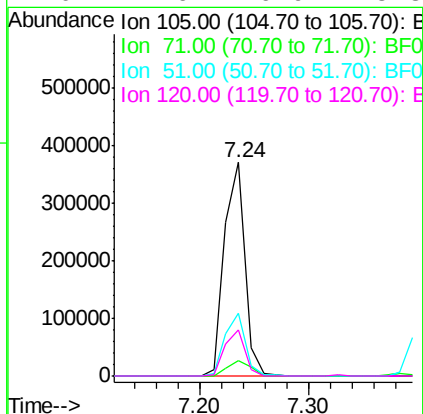
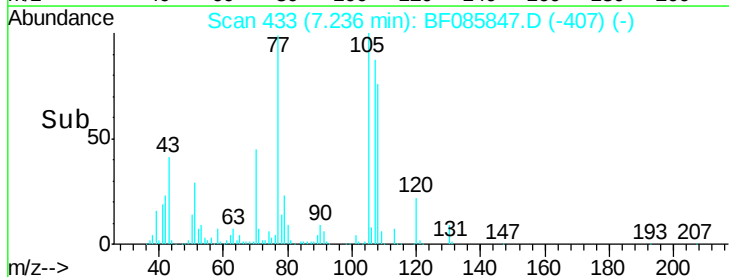
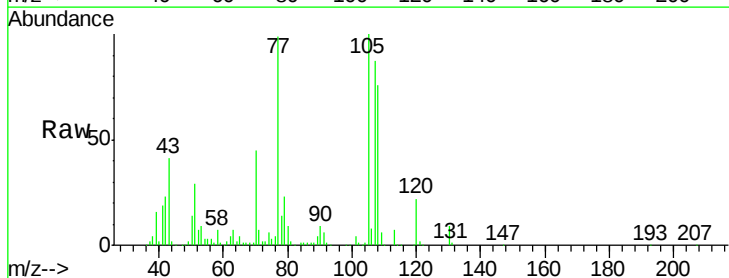
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#22
Acetophenone
Concen: 40.31 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	7.3	3.6	5.4#
51	29.4	25.4	38.0
120	21.6	16.9	25.3





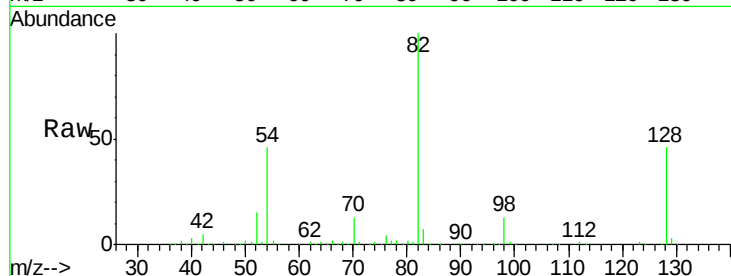
#23
 Nitrobenzene-d5
 Concen: 79.30 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :
 13MS

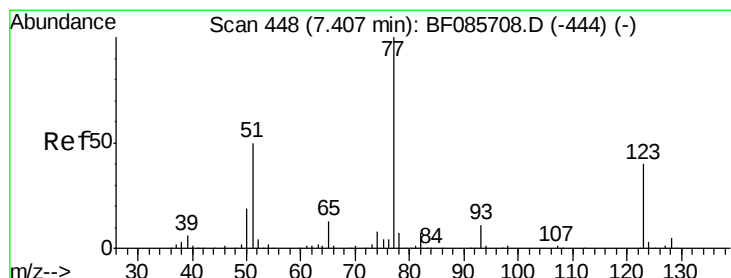
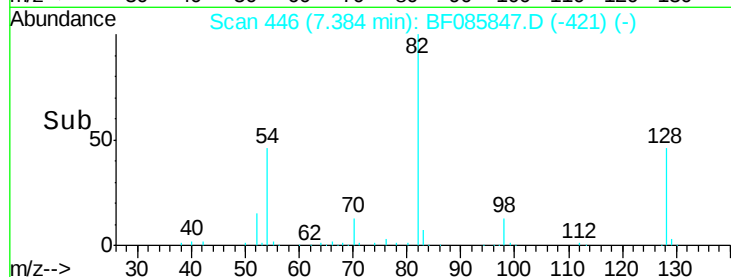
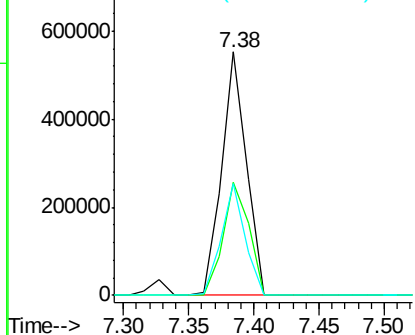
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.4	41.8	62.8
54	45.7	33.4	50.0

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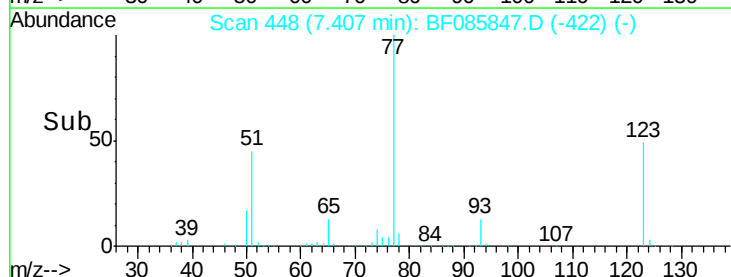
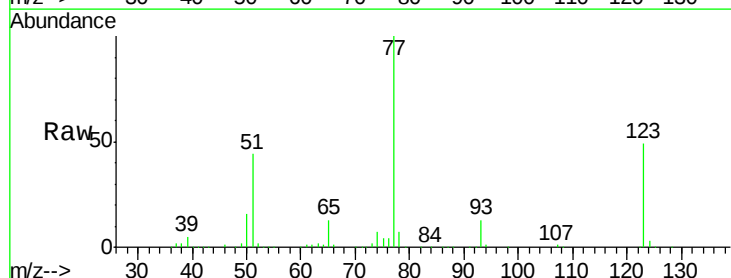
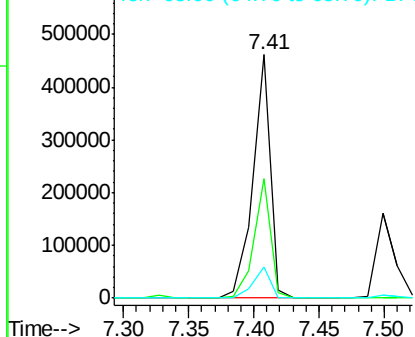
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

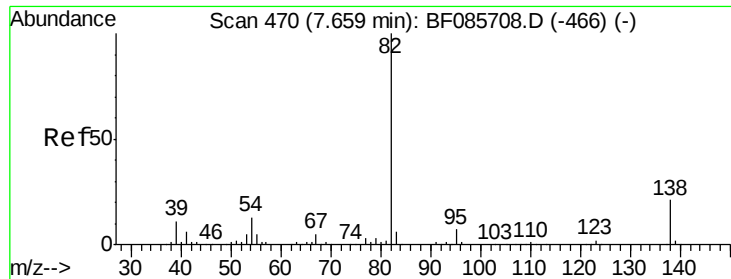


#24
 Nitrobenzene
 Concen: 45.37 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	35.0	52.4
65	12.8	10.6	16.0

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





#25

Isophorone

Concen: 43.31 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

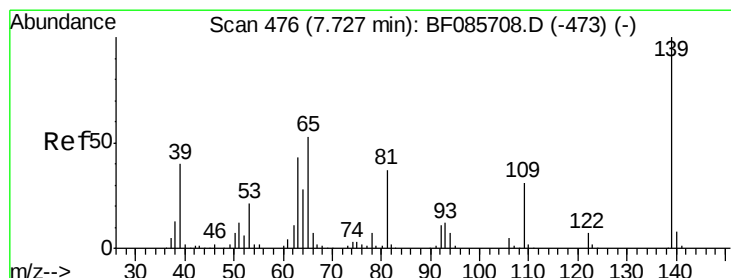
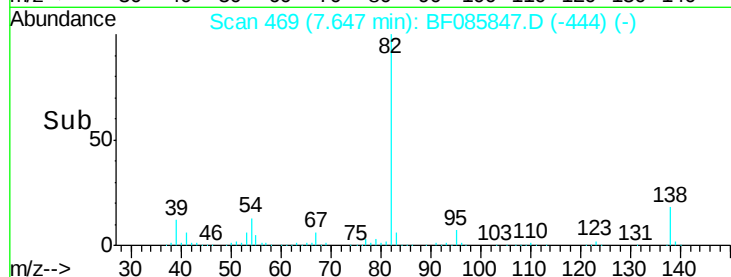
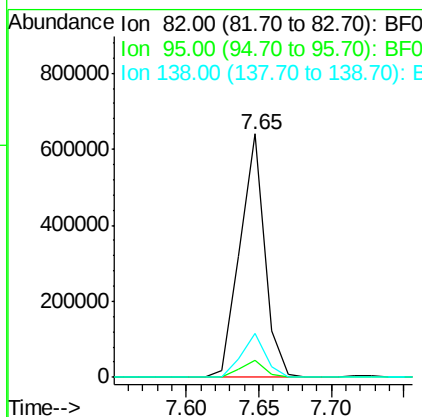
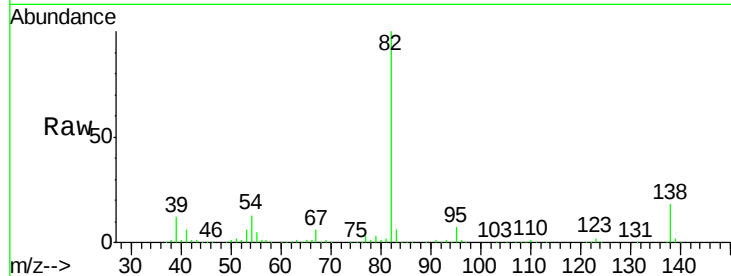
ClientSampleId :

13MS

Tgt Ion:	82	Resp:	763331
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.4	8.2
138	18.2	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.73 ng

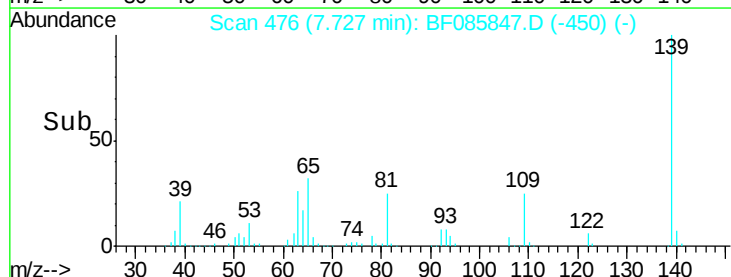
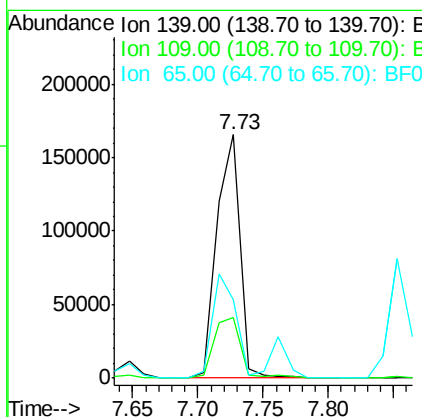
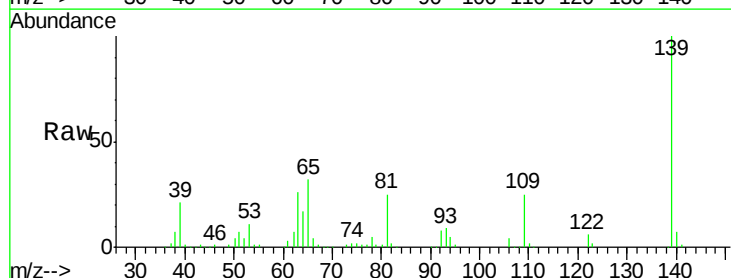
RT: 7.73 min Scan# 476

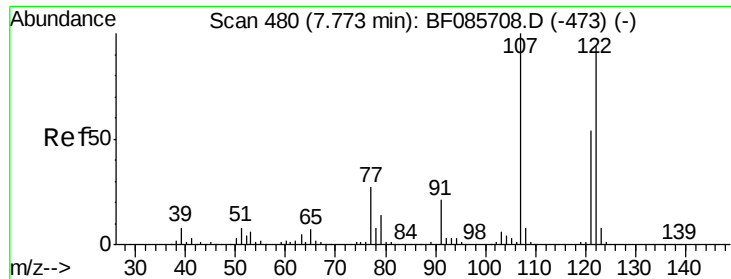
Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion:	139	Resp:	206324
Ion Ratio		Lower	Upper
139	100		
109	24.9	22.1	33.1
65	32.4	33.9	50.9#





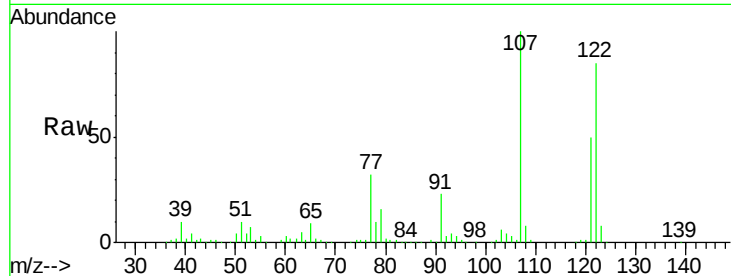
#27
 2,4-Dimethylphenol
 Concen: 36.50 ng
 RT: 7.76 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampled :
 13MS

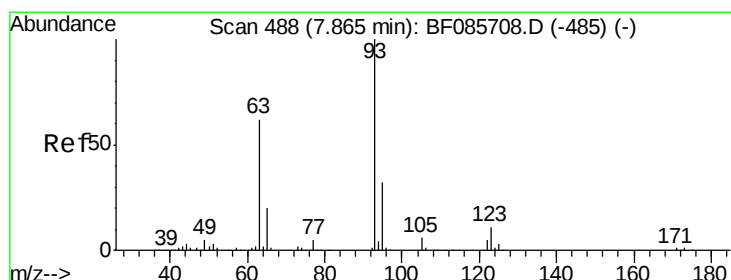
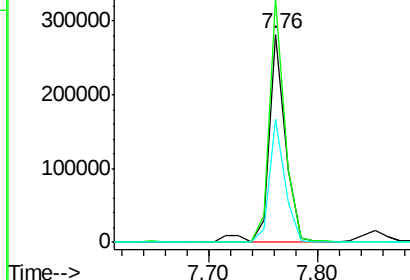
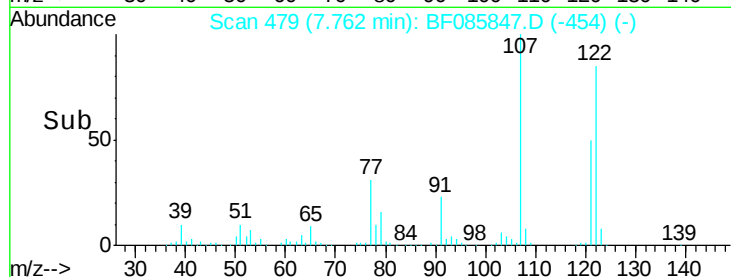
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	301014		
107	117.1	93.0	139.6	
121	59.1	45.9	68.9	

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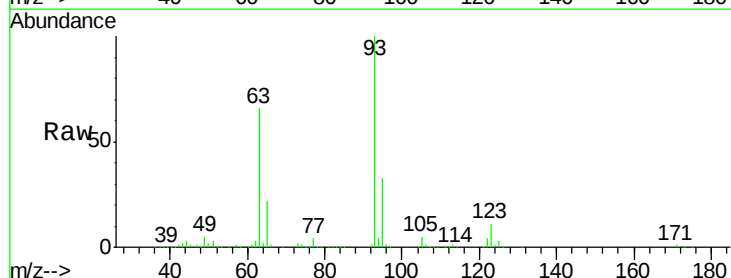


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

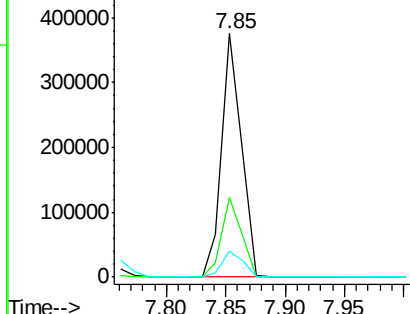
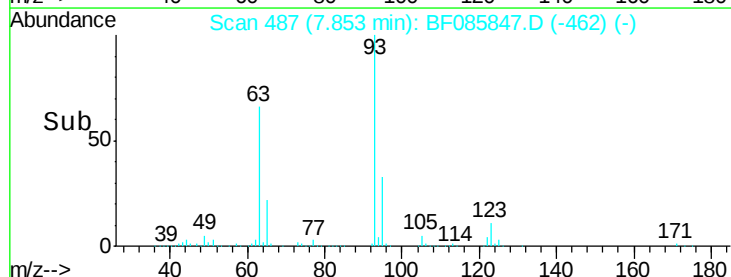


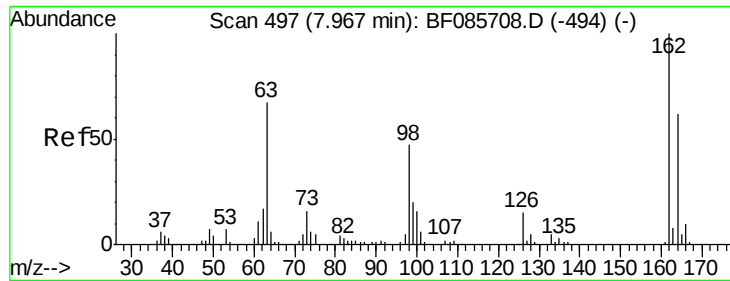
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.89 ng
 RT: 7.85 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	430686		
95	32.8	26.4	39.6	
123	10.6	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





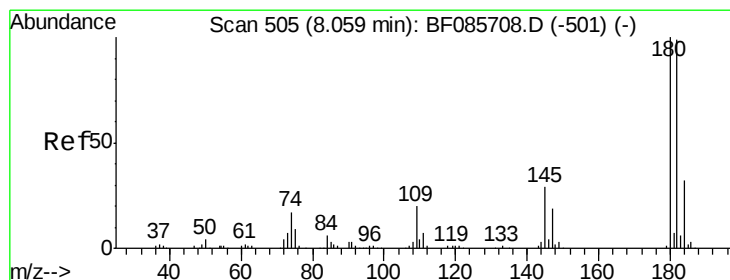
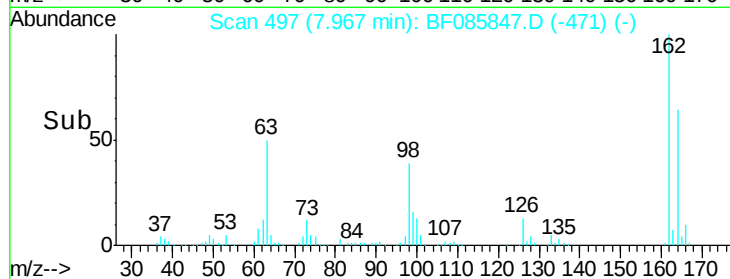
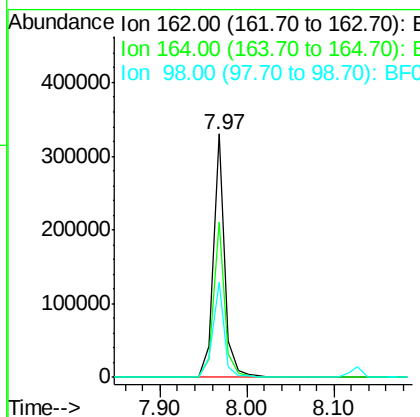
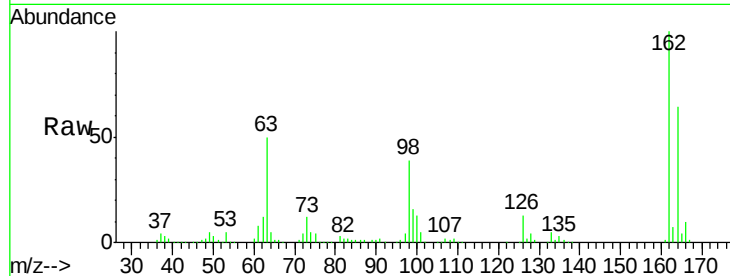
#29
 2,4-Dichlorophenol
 Concen: 43.49 ng
 RT: 7.97 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampled :
 13MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	301474		
164	64.0	43.7	83.7	
98	39.1	20.4	60.4	

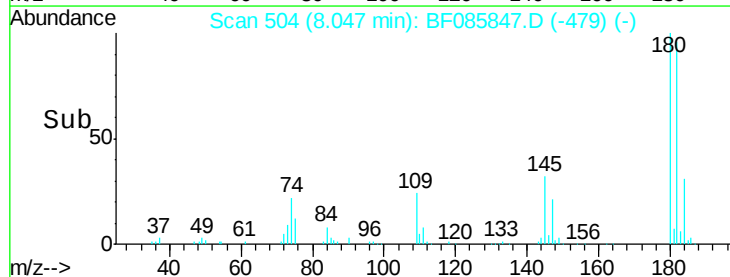
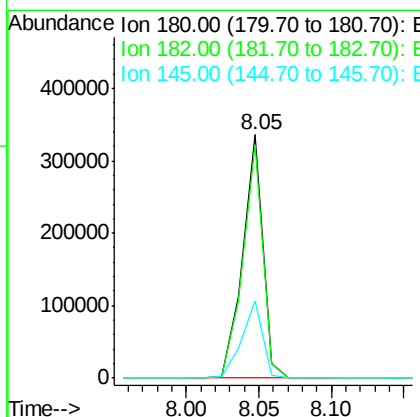
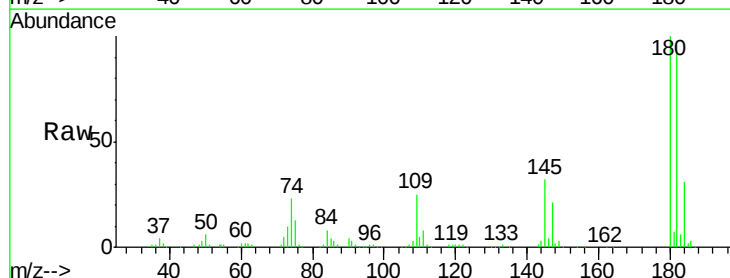
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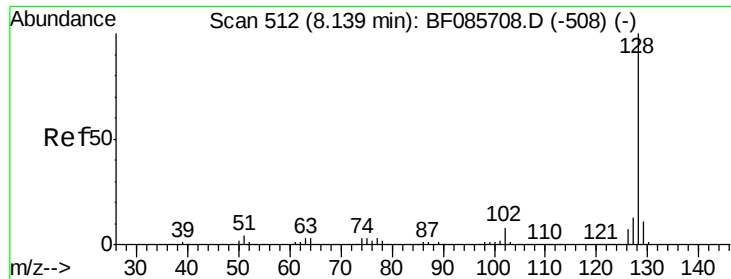
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.15 ng
 RT: 8.05 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	324418		
182	96.1	73.8	110.8	
145	31.8	28.4	42.6	





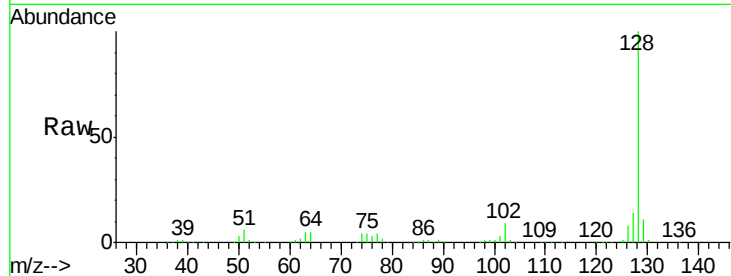
#31
Naphthalene
Concen: 41.67 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampled :
13MS

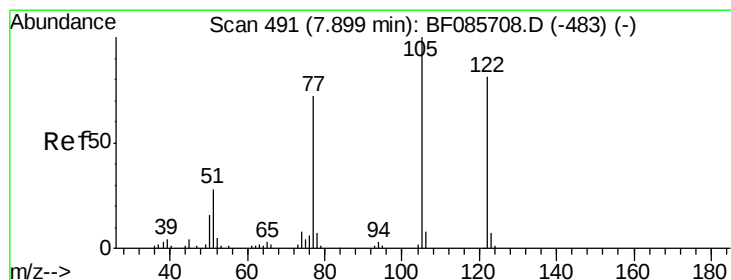
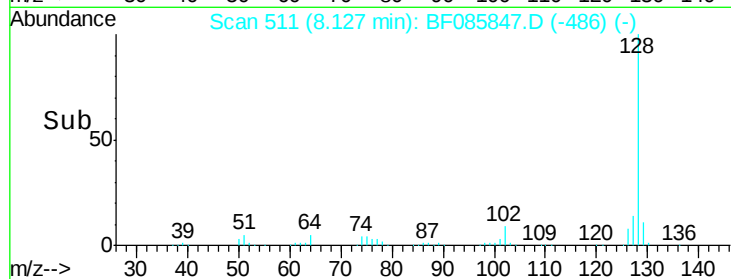
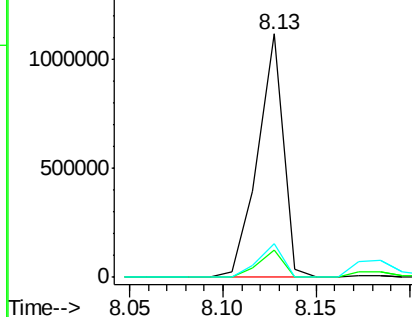
Tgt Ion:128 Resp: 1081738
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.8 11.0 16.6

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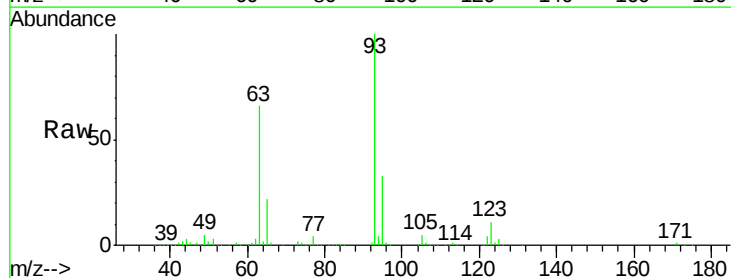


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

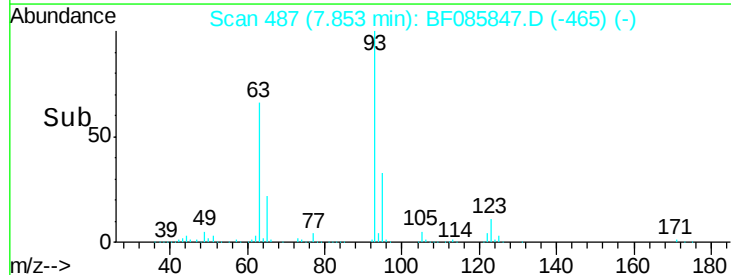
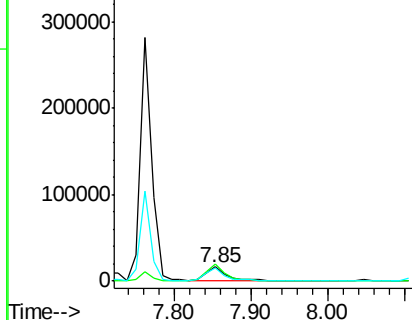


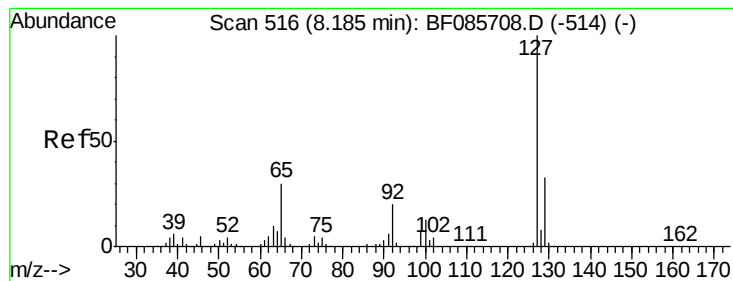
#32
Benzoic acid
Concen: 6.11 ng
RT: 7.85 min Scan# 487
Delta R.T. -0.05 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion:122 Resp: 33458
Ion Ratio Lower Upper
122 100
105 120.7 102.9 142.9
77 93.3 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: 13.32 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

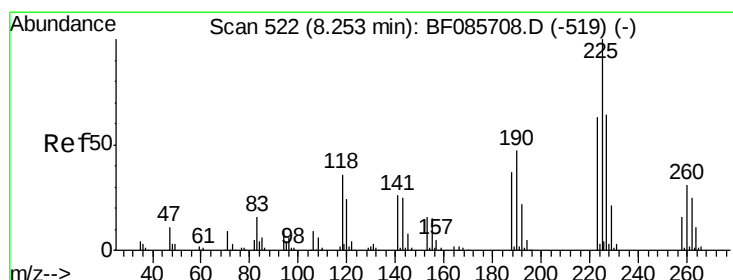
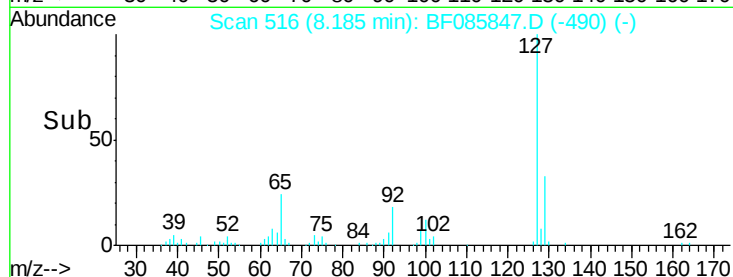
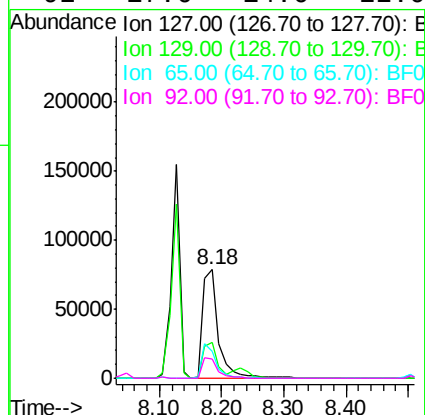
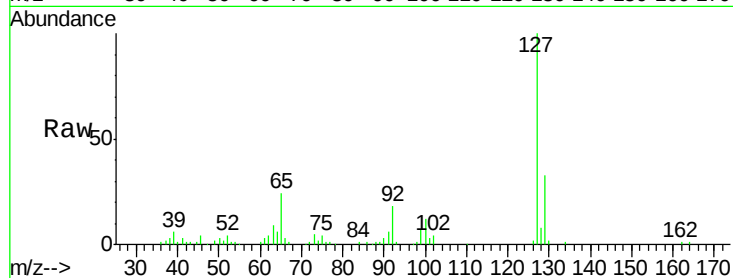
ClientSampled :

13MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	141131		
129	33.2	26.1	39.1	
65	24.2	19.5	29.3	
92	17.6	14.6	22.0	

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#34

Hexachlorobutadiene

Concen: 40.14 ng

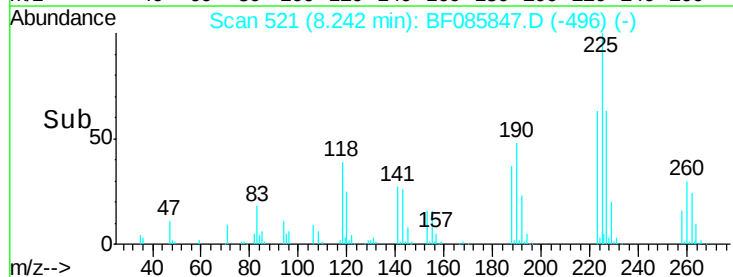
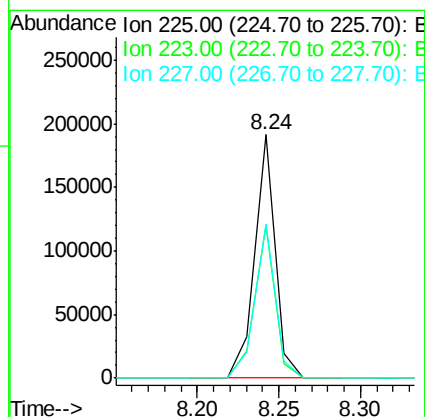
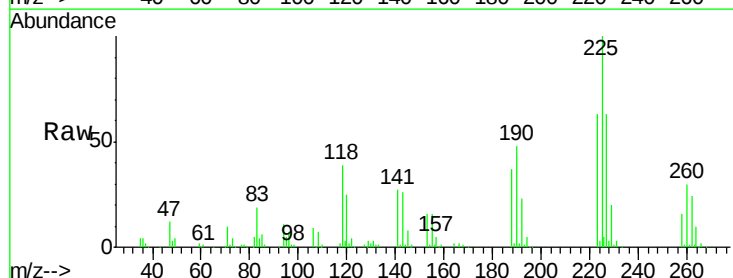
RT: 8.24 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	167931		
223	62.7	50.4	75.6	
227	63.2	51.4	77.2	





#35

Caprolactam

Concen: 37.93 ng m

RT: 8.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

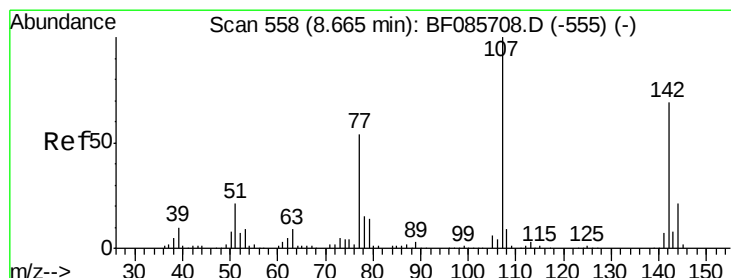
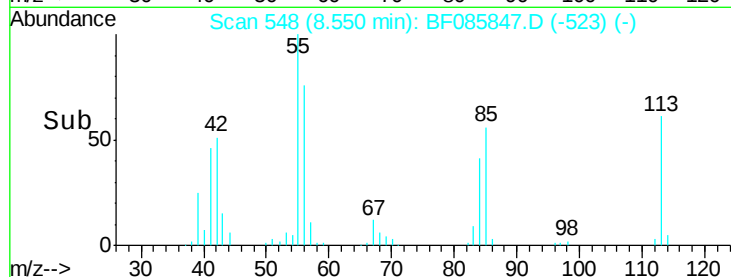
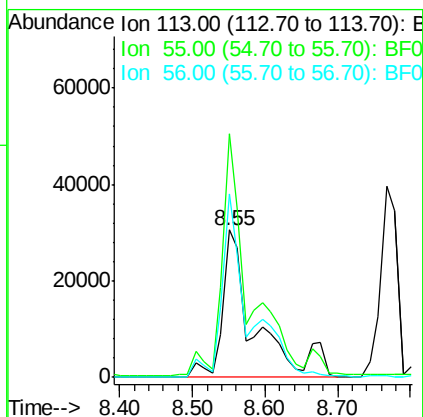
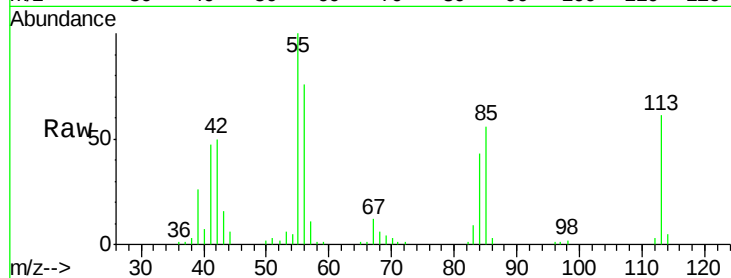
ClientSampled :

13MS

Tgt Ion:113 Resp: 93148
 Ion Ratio Lower Upper
 113 100
 55 165.1 139.4 179.4
 56 124.7 100.4 140.4

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#36

4-Chloro-3-methylphenol

Concen: 43.33 ng

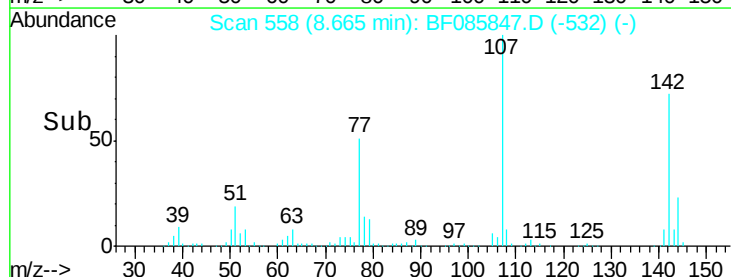
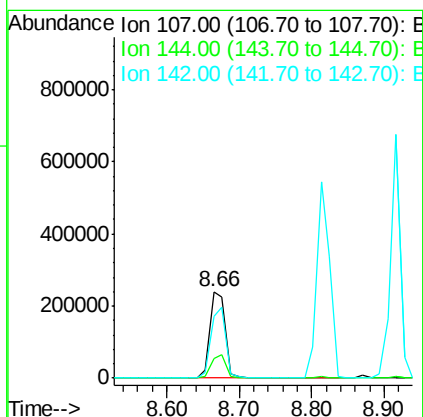
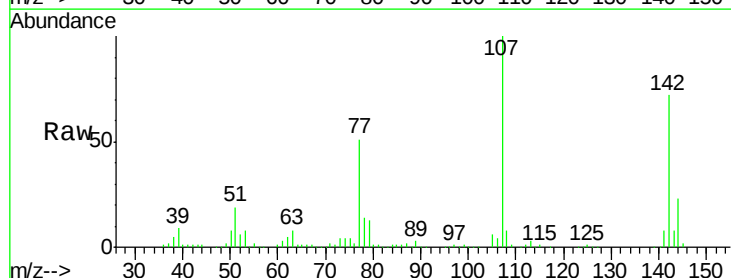
RT: 8.66 min Scan# 558

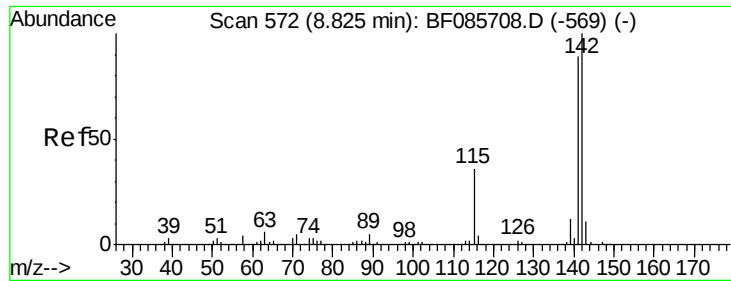
Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion:107 Resp: 350856
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.3 28.9
 142 71.8 61.4 92.0





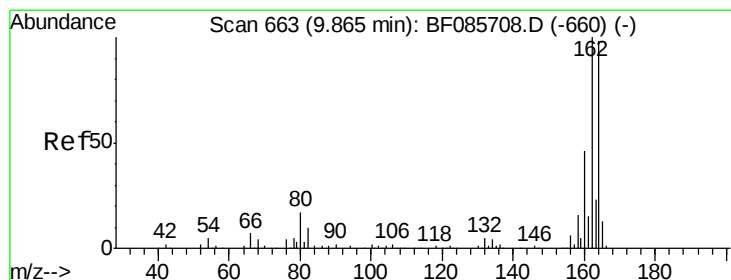
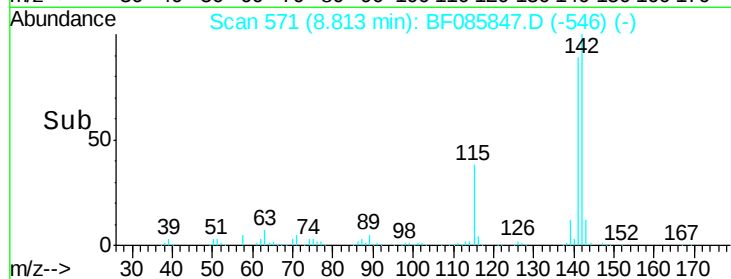
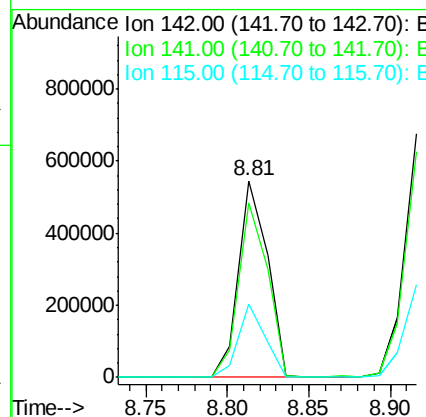
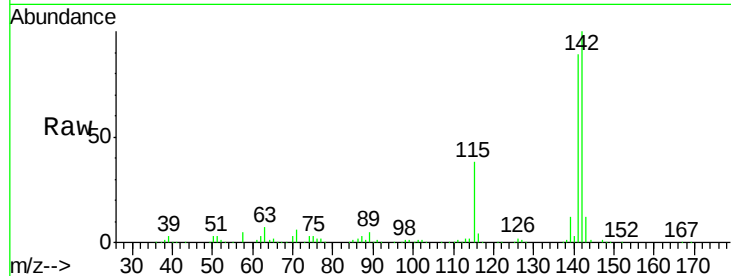
#37
2-Methylnaphthalene
Concen: 44.23 ng
RT: 8.81 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampleId :
13MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	37.5	26.8	40.2

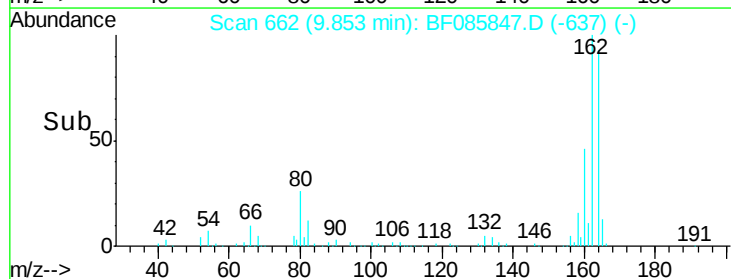
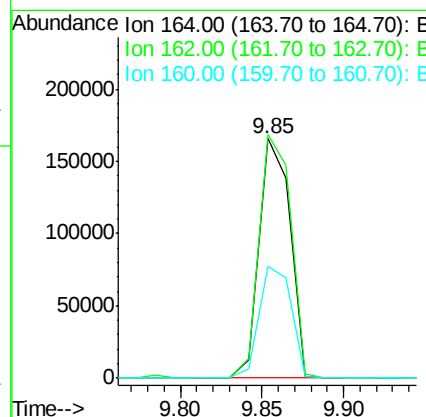
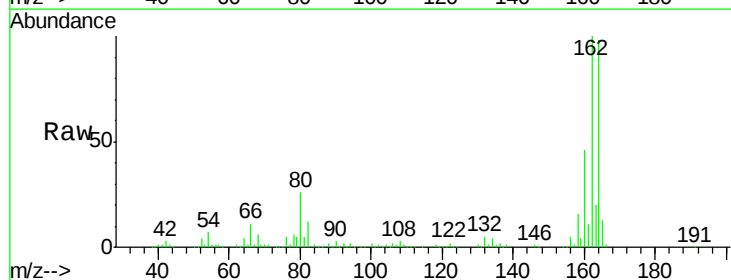
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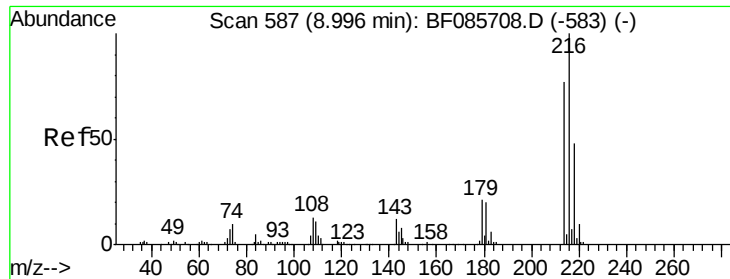
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.1	123.1
160	46.7	37.4	56.2





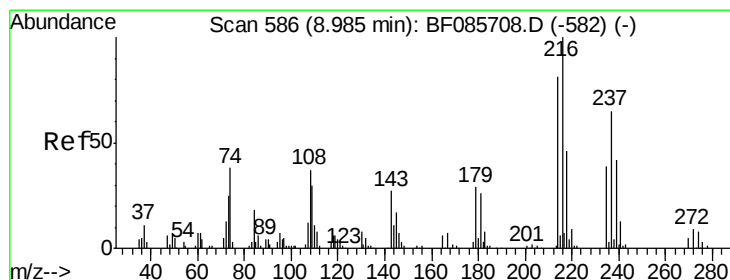
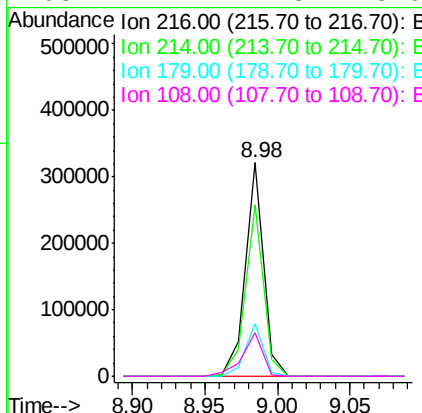
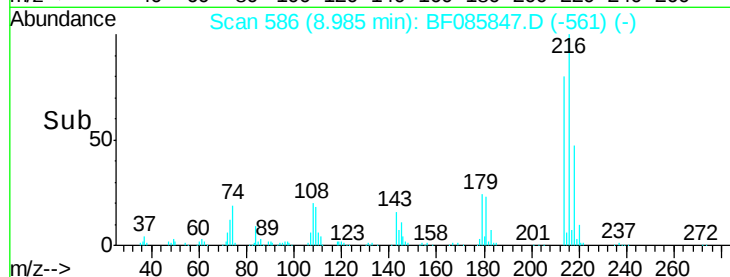
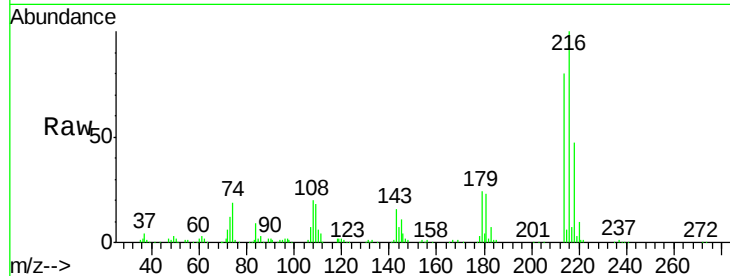
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.35 ng
 RT: 8.98 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampled :
 13MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.6	63.1	94.7
179	23.9	18.2	27.2
108	22.7	17.3	25.9

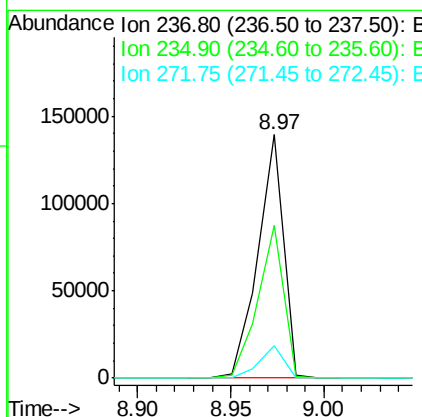
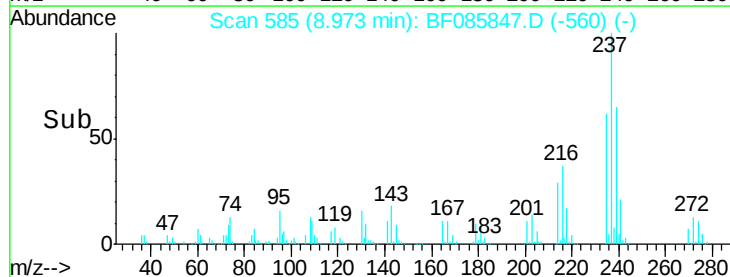
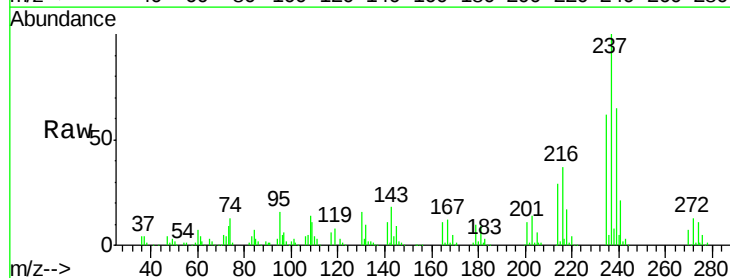
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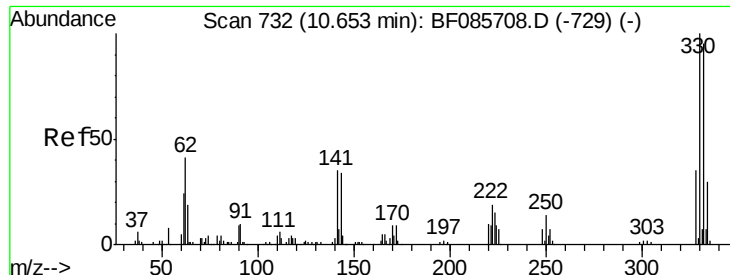
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#40
 Hexachlorocyclopentadiene
 Concen: 52.40 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.5	43.7	83.7
272	13.4	0.0	31.9





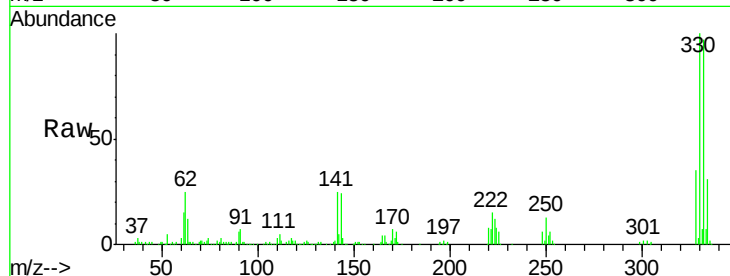
#41
 2,4,6-Tribromophenol
 Concen: 138.94 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampled :
 13MS

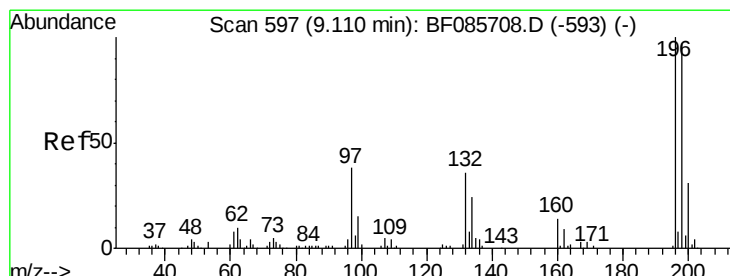
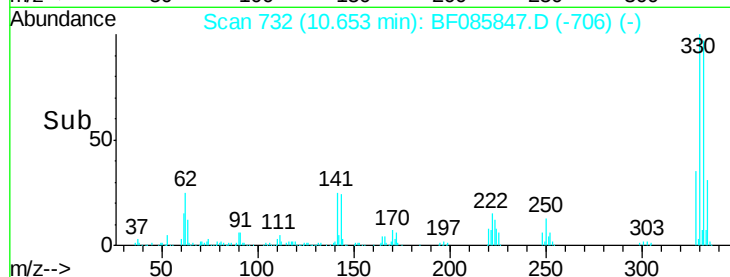
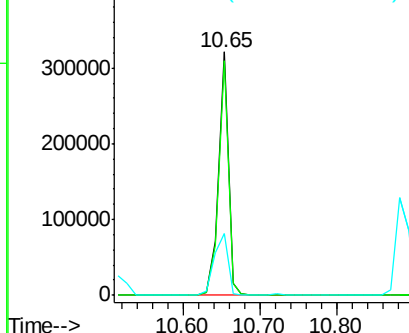
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	288664		
332	96.4	78.2	117.2	
141	35.2	31.5	47.3	

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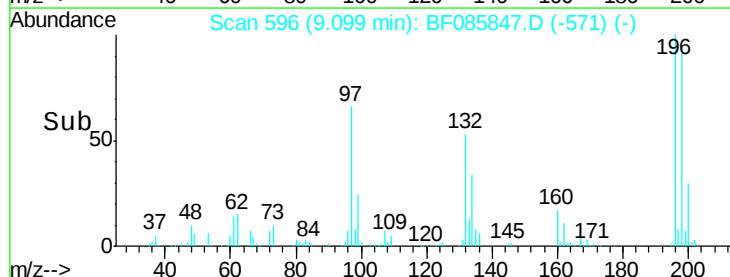
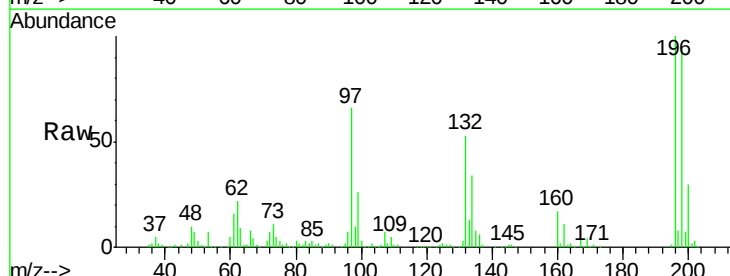
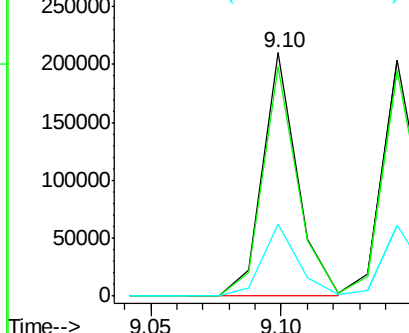
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

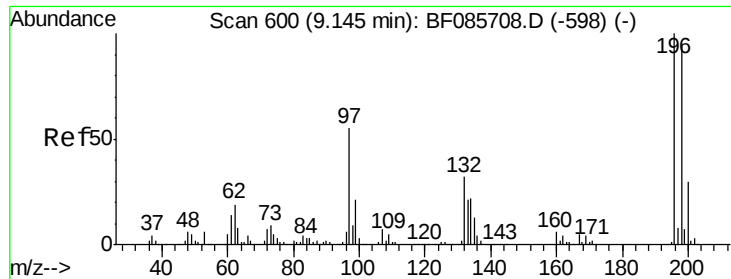


#42
 2,4,6-Trichlorophenol
 Concen: 44.48 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	194800		
198	94.1	75.3	112.9	
200	29.8	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





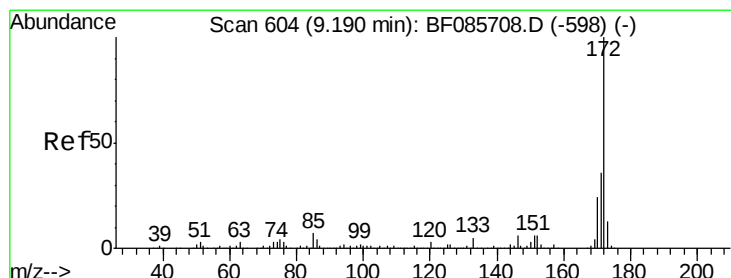
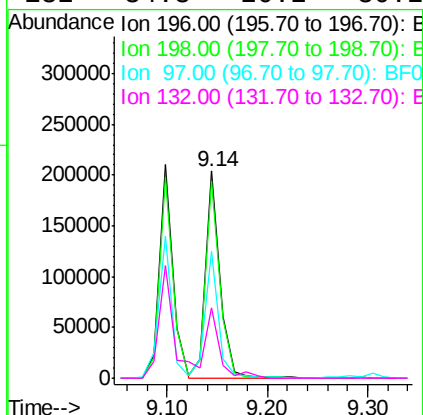
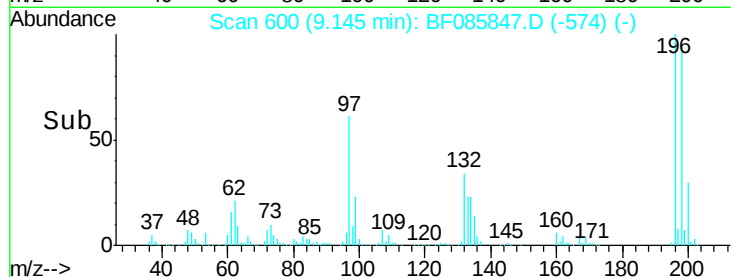
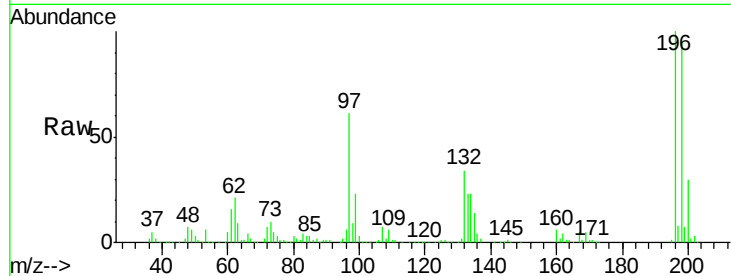
#43
 2,4,5-Trichlorophenol
 Concen: 43.72 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampled :
 13MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	200828		
198	95.4	76.6	114.8	
97	61.2	30.5	45.7#	
132	34.3	20.2	30.2#	

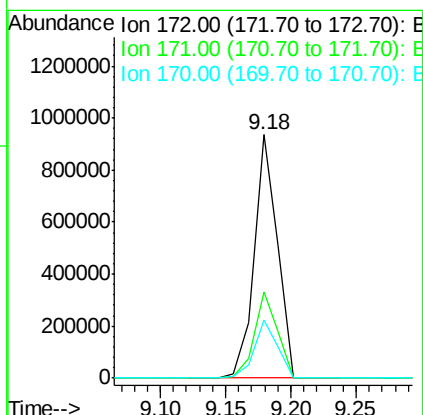
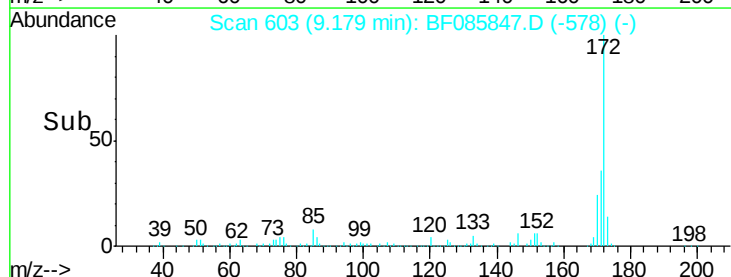
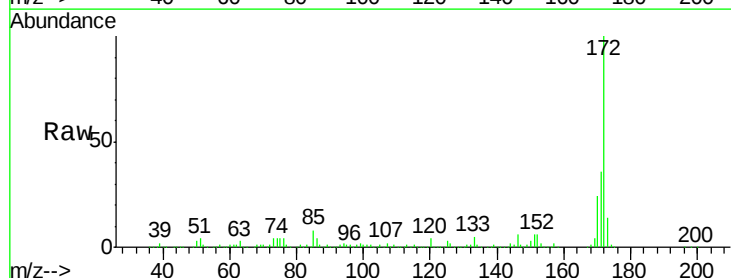
Manual Integrations
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 3/29/2016 5:04:43 PM



#44
 2-Fluorobiphenyl
 Concen: 88.19 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1154218		
171	35.6	29.4	44.2	
170	24.0	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 41.36 ng

RT: 9.28 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

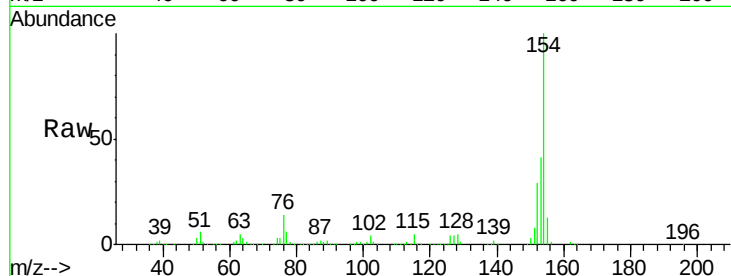
ClientSampled :

13MS

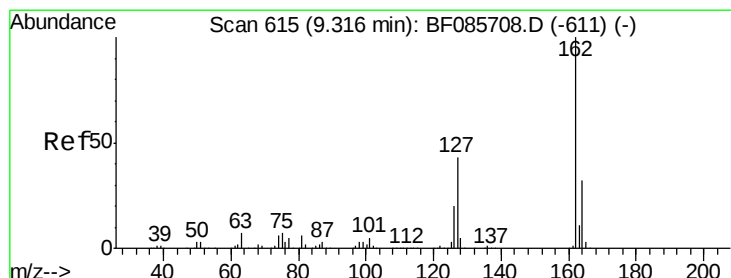
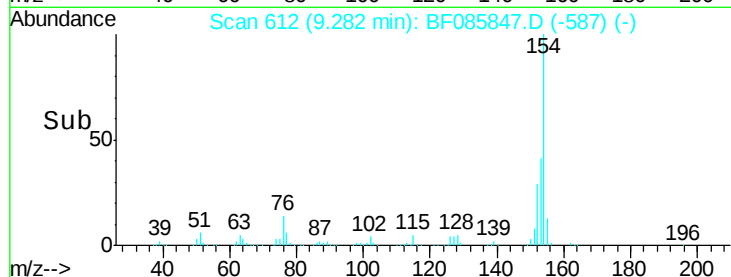
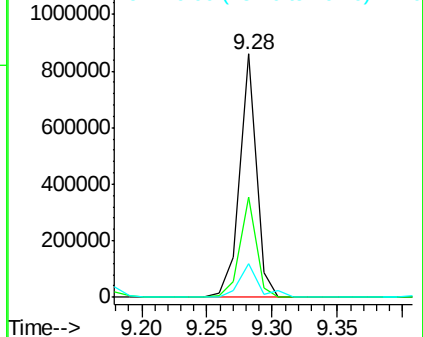
Tgt Ion:	154	Resp:	763177
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.8	60.8
76	13.6	0.0	36.7

Manual Integrations
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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: 42.23 ng

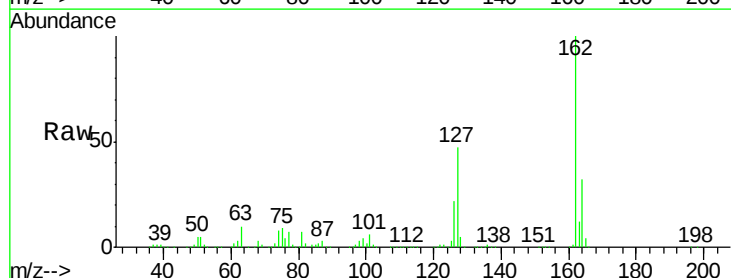
RT: 9.30 min Scan# 614

Delta R.T. -0.01 min

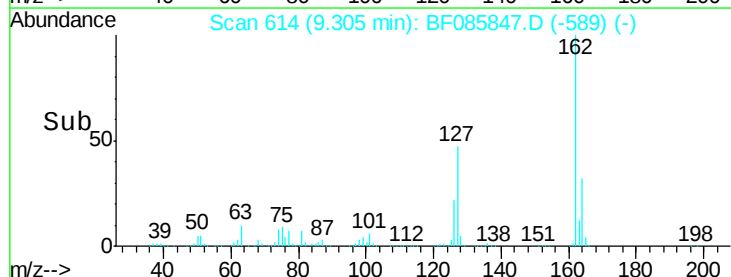
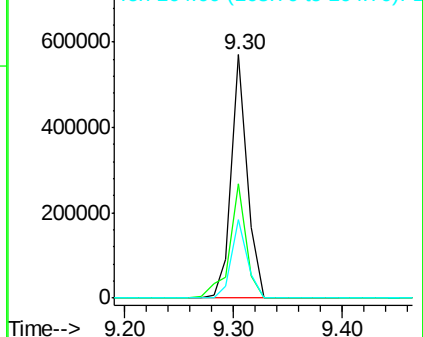
Lab File: BF085847.D

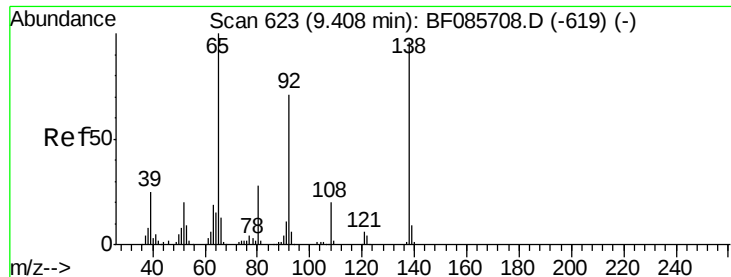
Acq: 29 Mar 2016 12:40

Tgt Ion:	162	Resp:	572999
Ion Ratio	Lower	Upper	
162	100		
127	47.2	31.7	47.5
164	32.0	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





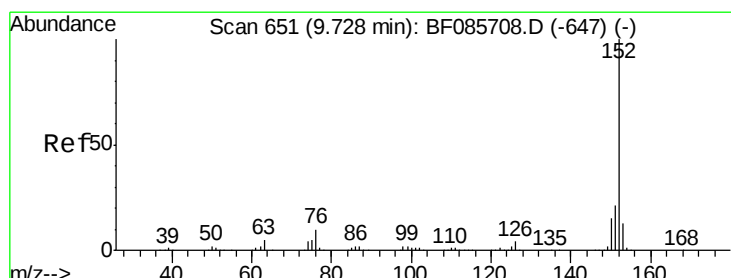
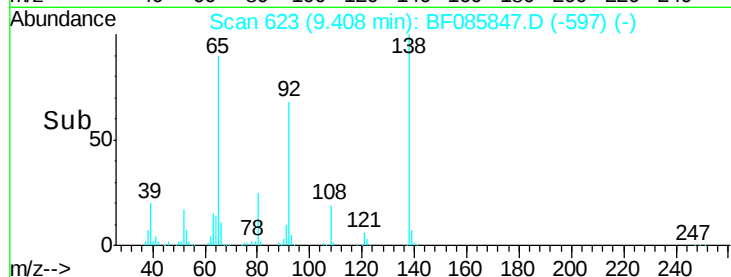
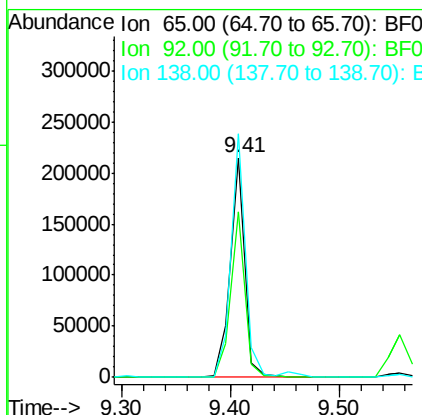
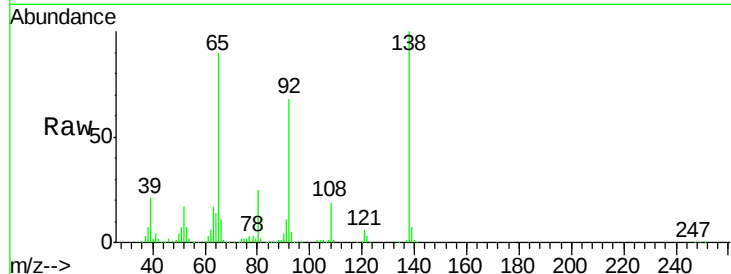
#47
 2-Nitroaniline
 Concen: 47.46 ng
 RT: 9.41 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tgt Ion: 65 Resp: 196903
 Ion Ratio Lower Upper
 65 100
 92 75.5 59.7 89.5
 138 110.9 91.4 137.0

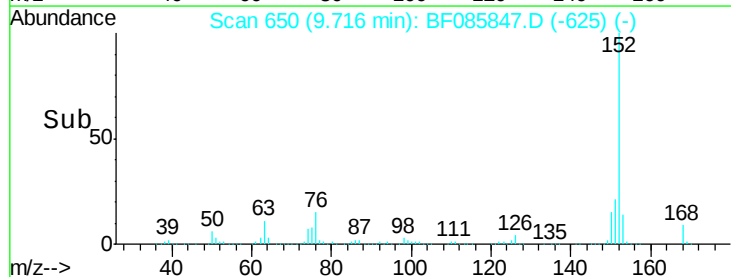
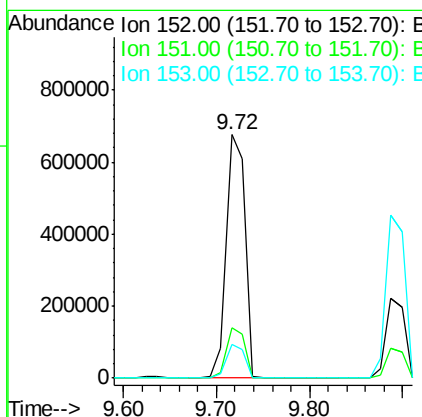
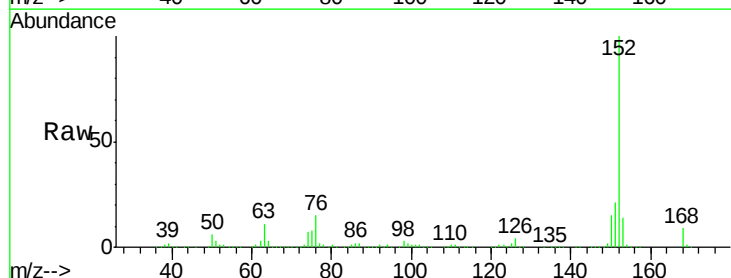
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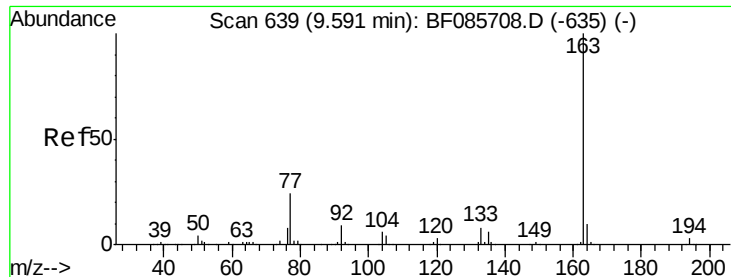
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#48
 Acenaphthylene
 Concen: 42.84 ng
 RT: 9.72 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion: 152 Resp: 947122
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.7 10.9 16.3





#49

Dimethylphthalate

Concen: 60.75 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

13MS

Tgt Ion:163 Resp: 1007920

Ion Ratio Lower Upper

163 100

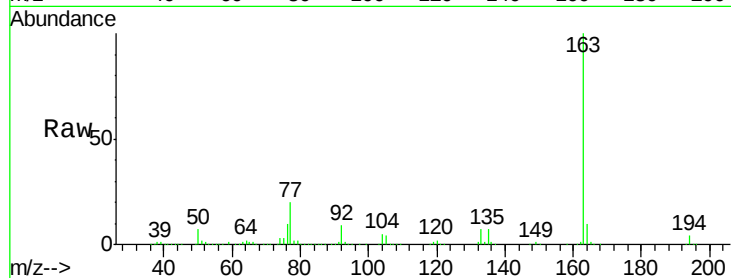
194 3.7 2.9 4.3

164 10.3 8.3 12.5

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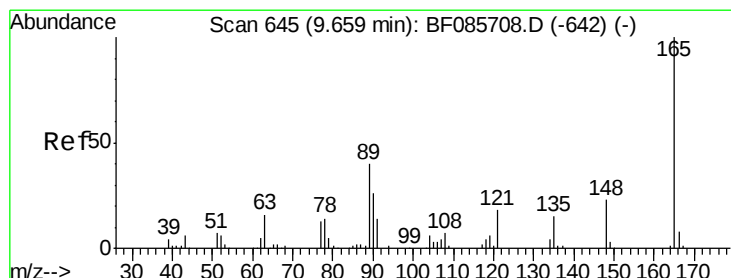
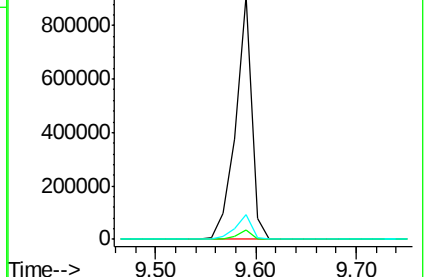
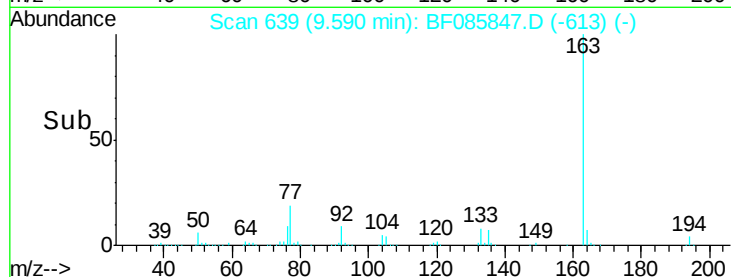
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.85 ng

RT: 9.65 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

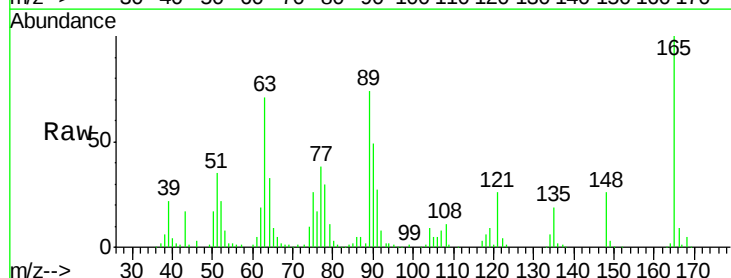
Tgt Ion:165 Resp: 156591

Ion Ratio Lower Upper

165 100

63 70.5 51.8 77.8

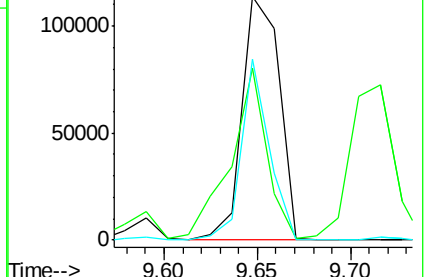
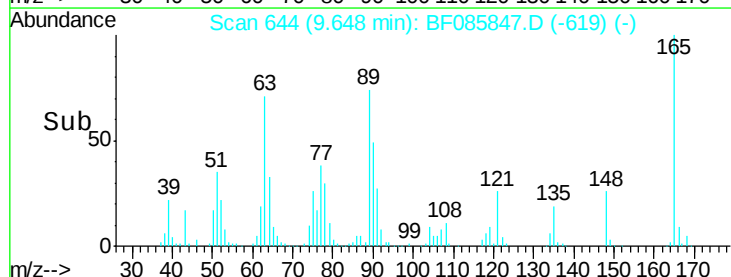
89 74.4 53.7 80.5

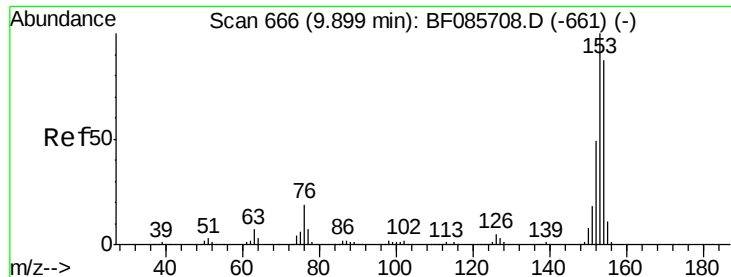


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.61 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

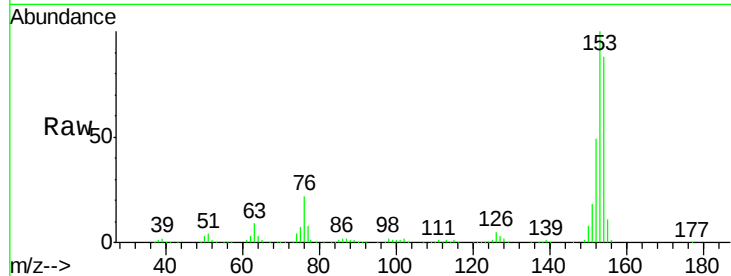
ClientSampled :

13MS

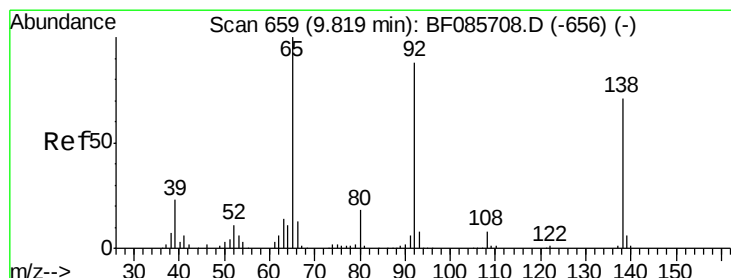
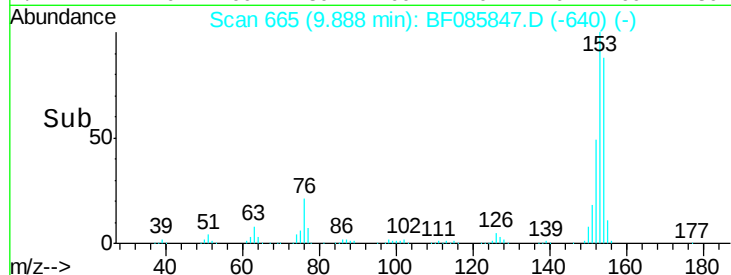
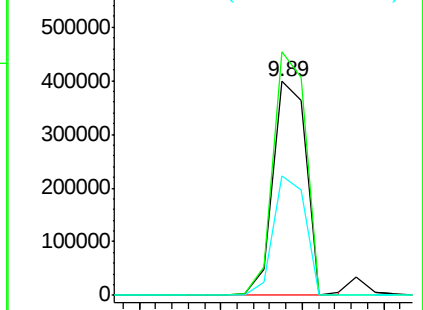
Tgt Ion:	154	Resp:	561917
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.1	135.1
152	55.6	44.2	66.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.97 ng

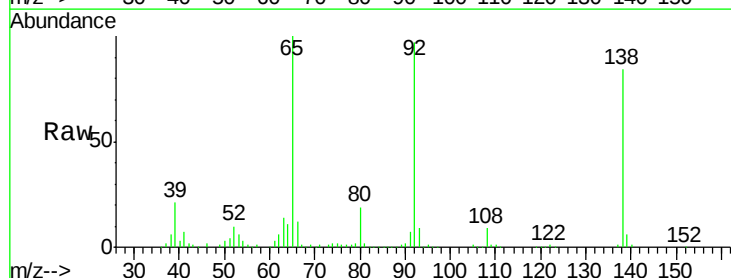
RT: 9.82 min Scan# 659

Delta R.T. -0.00 min

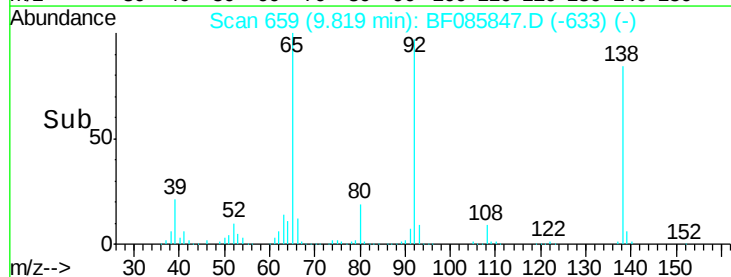
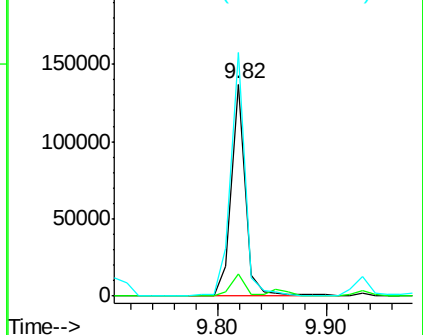
Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion:	138	Resp:	122502
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.7	13.1
92	114.7	93.3	139.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





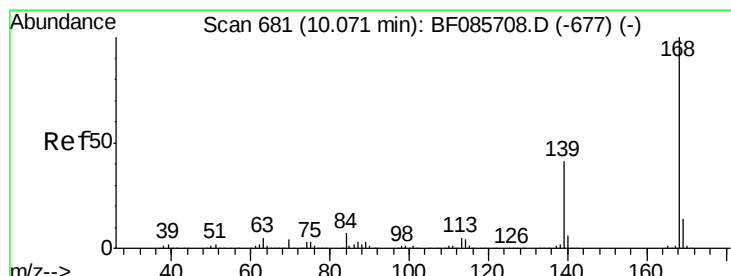
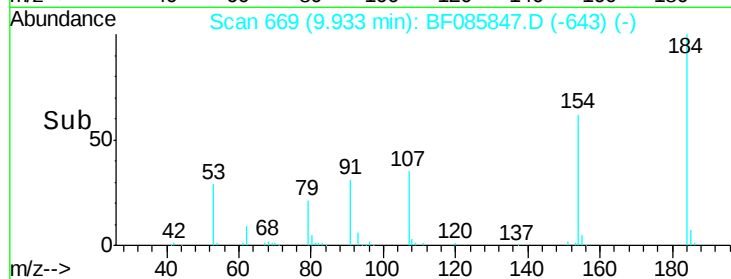
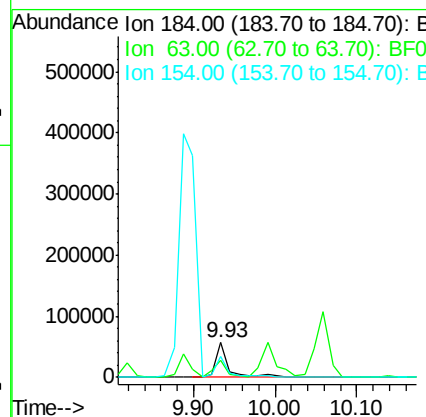
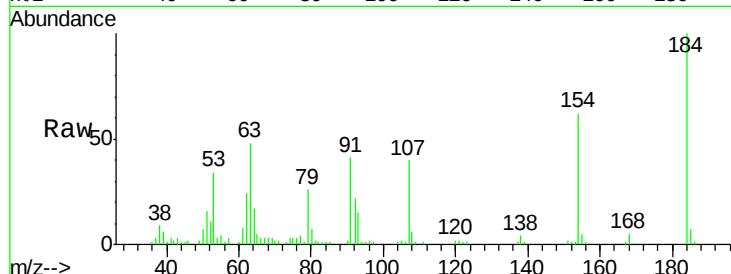
#53
2,4-Dinitrophenol
Concen: 36.89 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampled :
13MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	60200		
63	48.3	69.5	104.3	#
154	61.6	58.3	87.5	

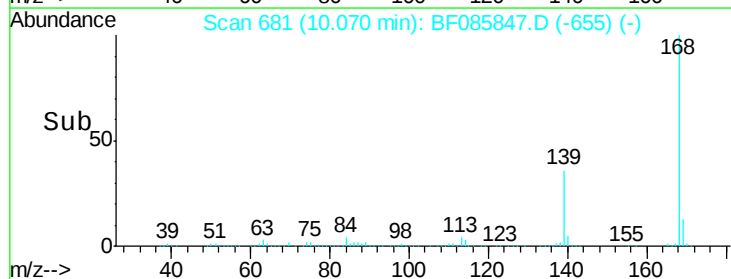
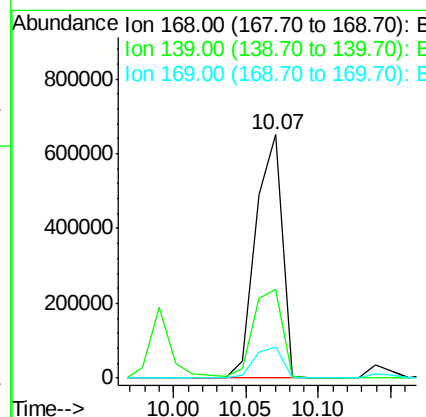
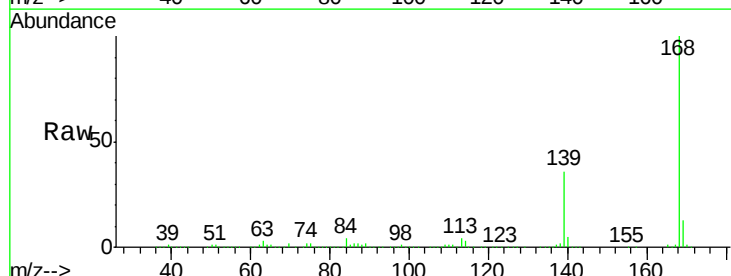
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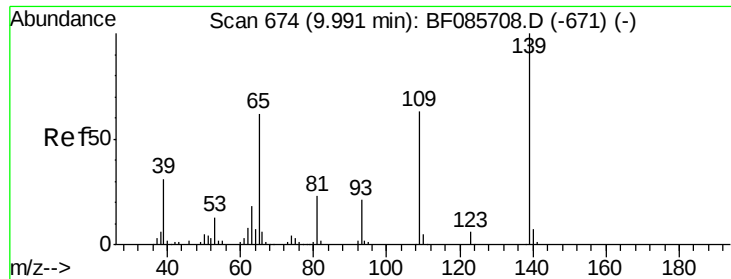
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#54
Dibenzofuran
Concen: 46.88 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	819431		
139	36.4	31.9	47.9	
169	13.0	11.0	16.6	





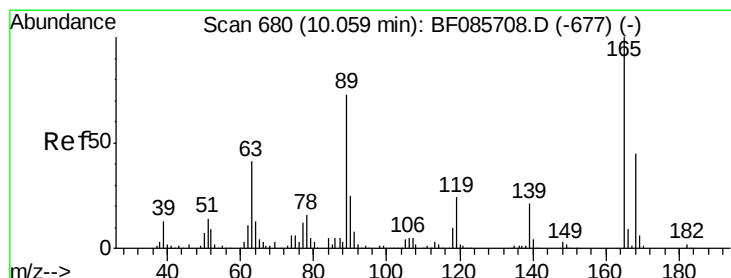
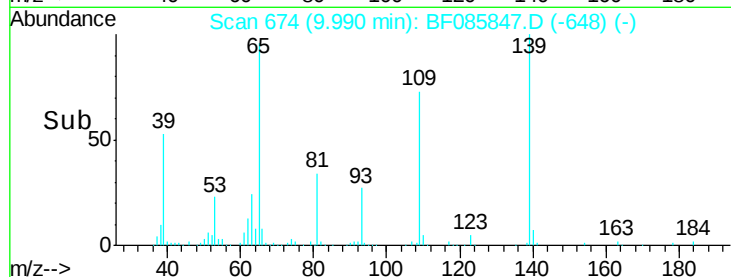
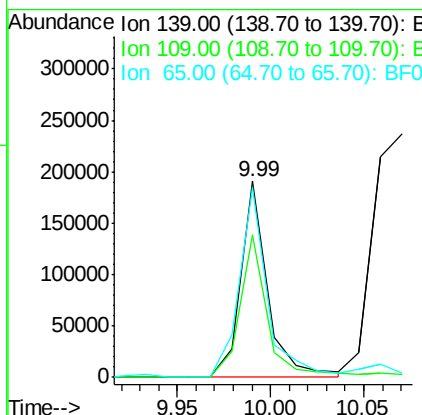
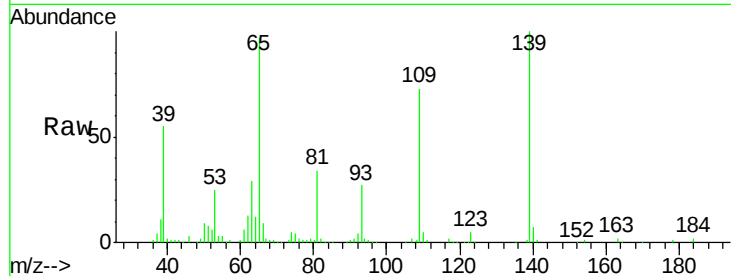
#55
4-Nitrophenol
Concen: 72.48 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampleId :
13MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	193009		
109	72.9	49.2	89.2	
65	96.7	66.9	106.9	

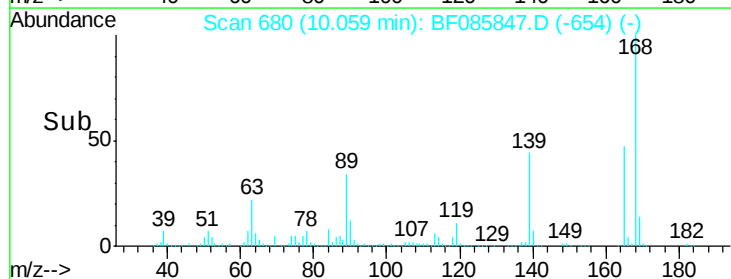
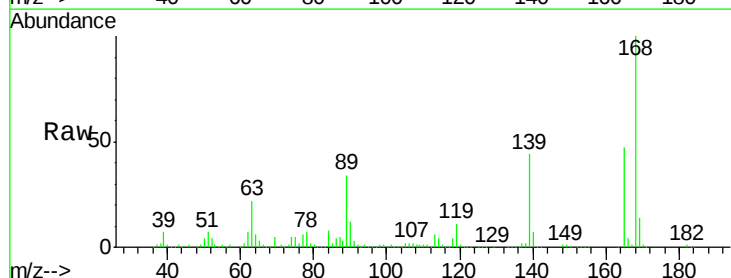
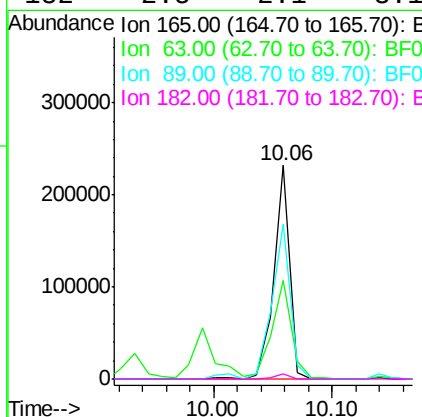
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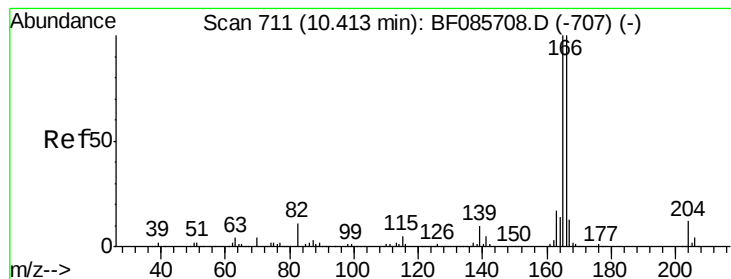
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#56
2,4-Dinitrotoluene
Concen: 47.30 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	214680		
63	46.1	24.9	37.3#	
89	72.3	41.0	61.6#	
182	2.5	2.1	3.1	





#57

Fluorene

Concen: 42.39 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

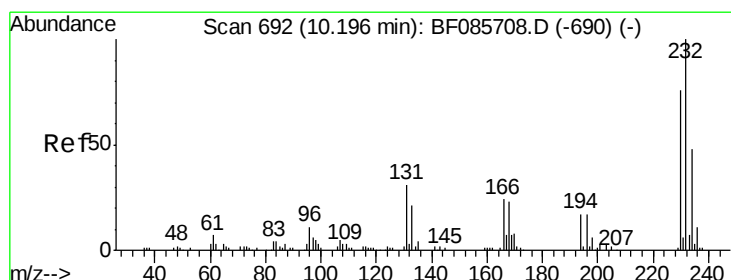
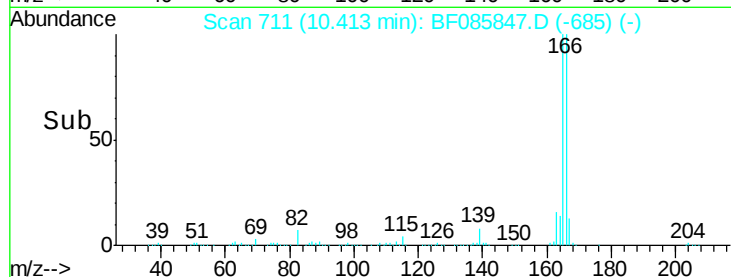
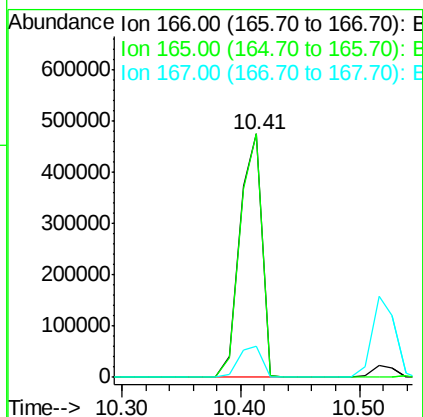
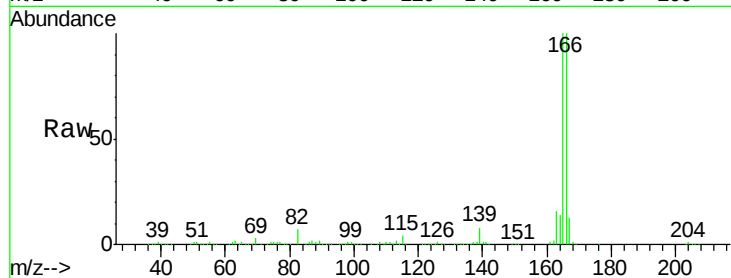
ClientSampleId :

13MS

Tgt Ion:	166	Resp:	615980
Ion Ratio	Lower	Upper	
166	100		
165	100.2	79.4	119.0
167	12.9	11.0	16.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.67 ng

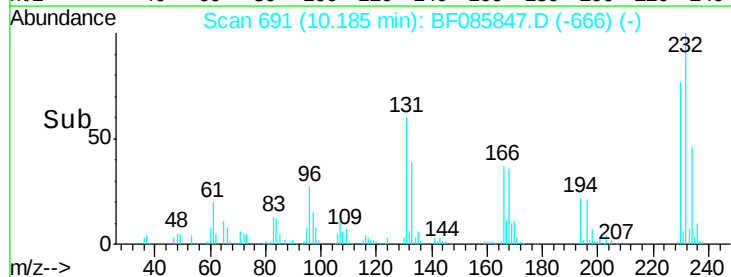
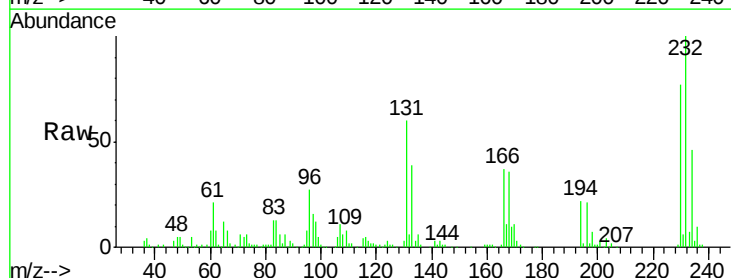
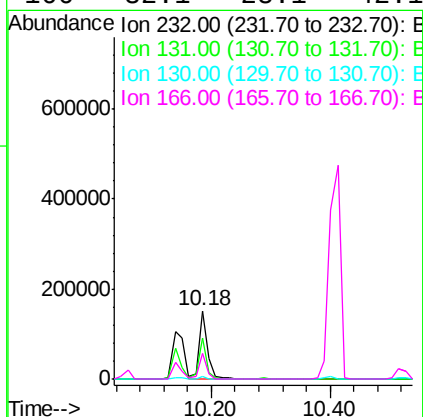
RT: 10.18 min Scan# 691

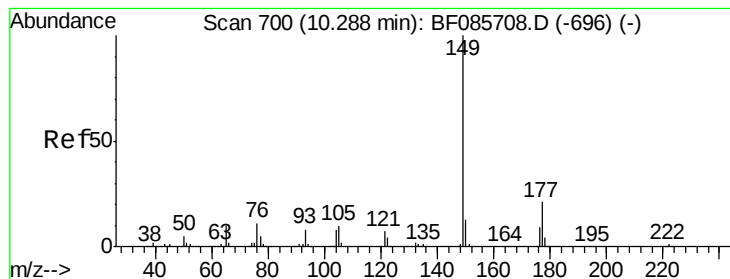
Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion:	232	Resp:	155366
Ion Ratio	Lower	Upper	
232	100		
131	53.0	44.9	67.3
130	2.7	2.3	3.5
166	32.1	28.1	42.1





#59

Diethylphthalate

Concen: 47.14 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

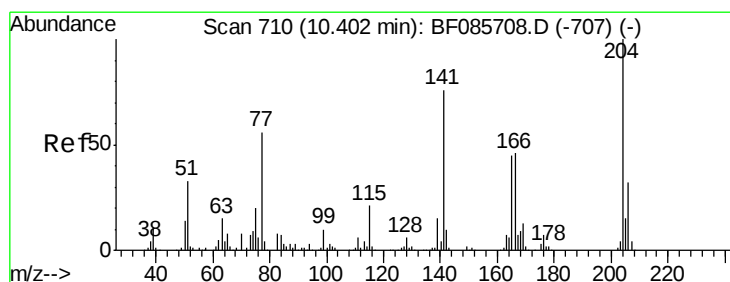
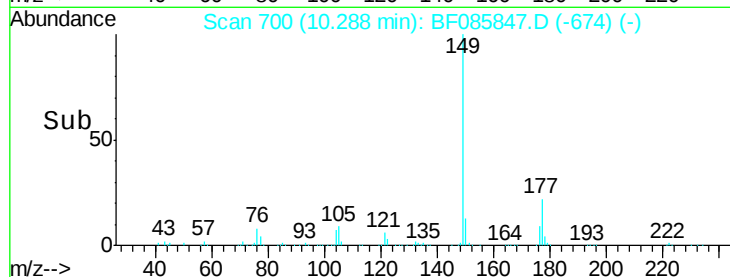
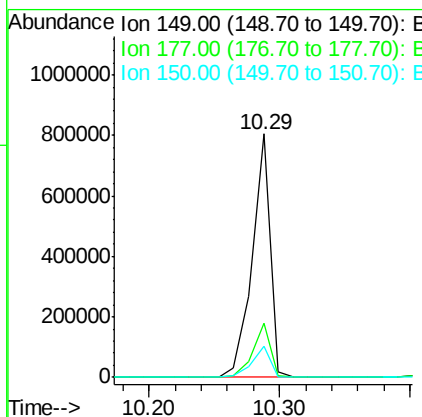
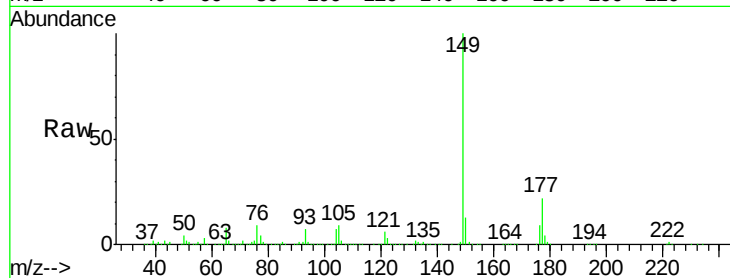
ClientSampled :

13MS

Tgt Ion:	149	Resp:	772770
Ion Ratio	Lower	Upper	
149	100		
177	22.4	17.9	26.9
150	12.7	10.2	15.2

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 46.08 ng

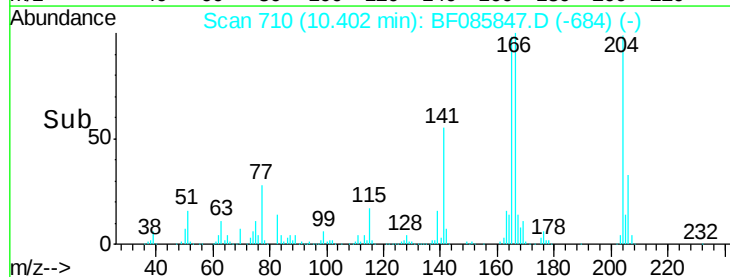
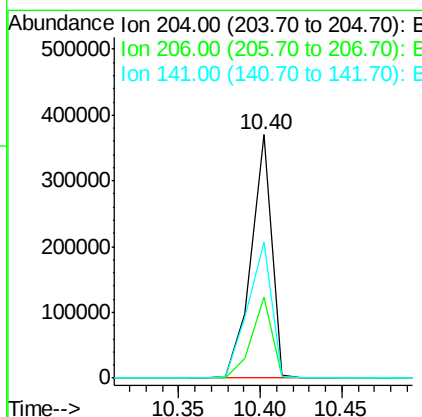
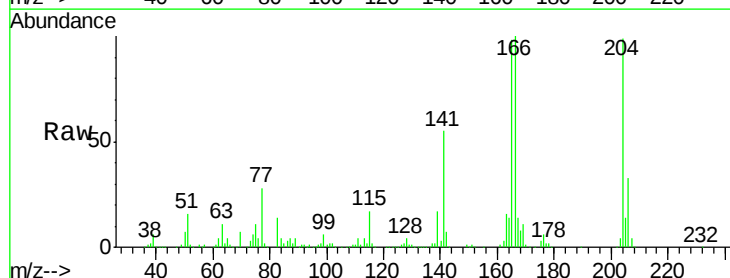
RT: 10.40 min Scan# 710

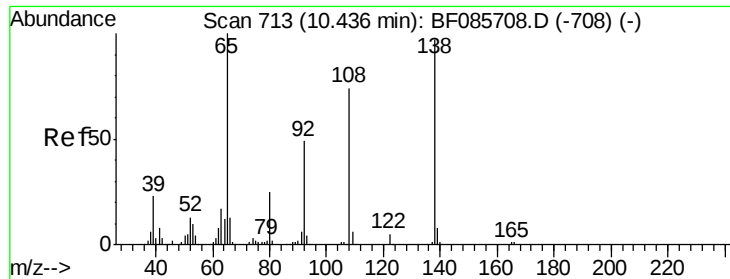
Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion:	204	Resp:	327363
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.6	39.8
141	55.7	57.4	86.0#





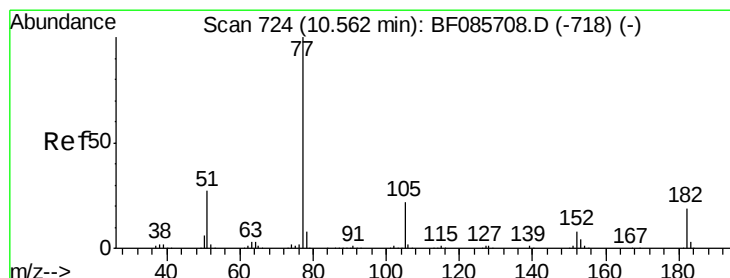
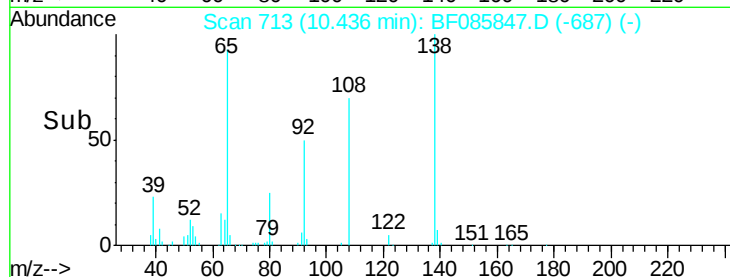
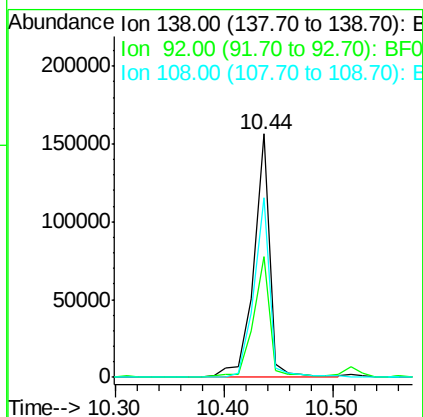
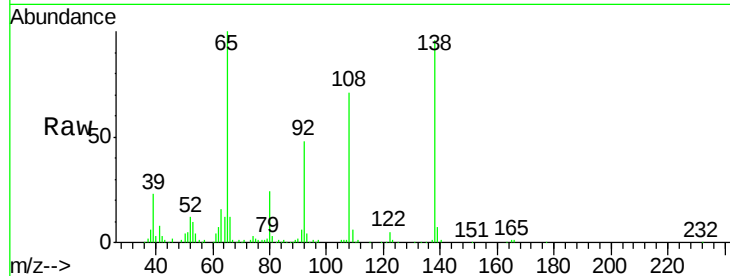
#61
4-Nitroaniline
Concen: 41.75 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampled :
13MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	163247		
92	49.7	26.4	66.4	
108	74.0	49.0	89.0	

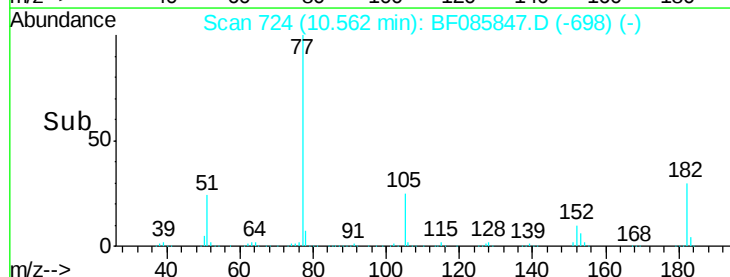
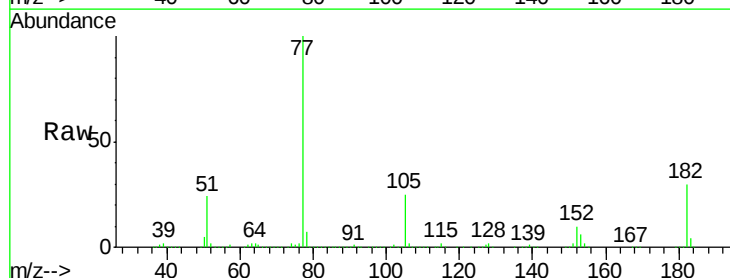
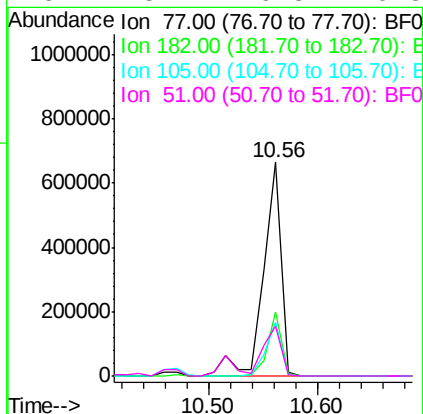
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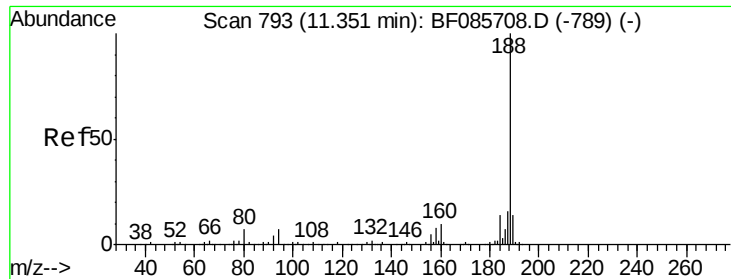
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#62
Azobenzene
Concen: 48.67 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	766581		
182	29.7	1.9	41.9	
105	25.5	3.5	43.5	
51	23.7	6.3	46.3	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampled :

13MS

Tgt Ion:188 Resp: 389318
Ion Ratio Lower Upper

188 100

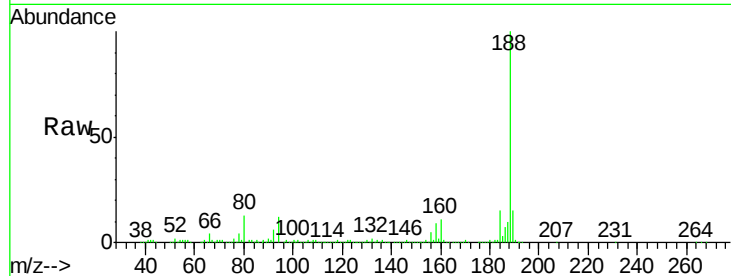
94 11.6 5.4 8.0#

80 12.6 5.5 8.3#

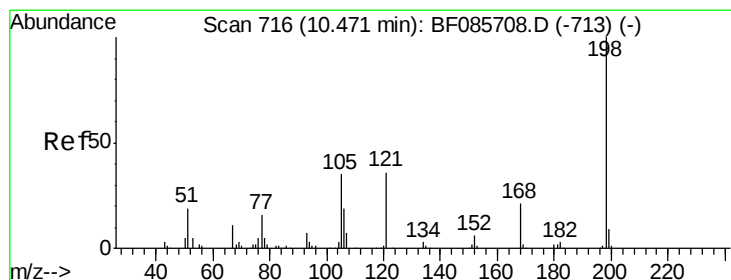
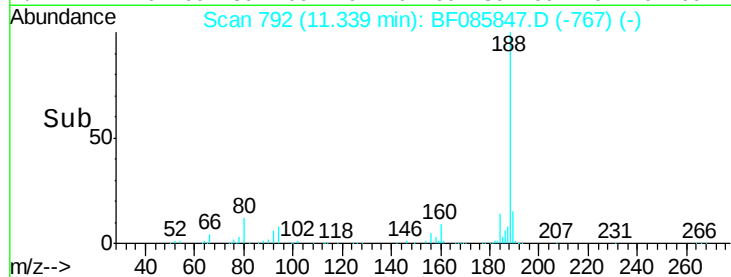
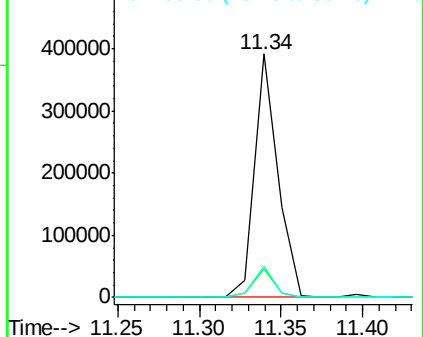
Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 29.31 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF085847.D

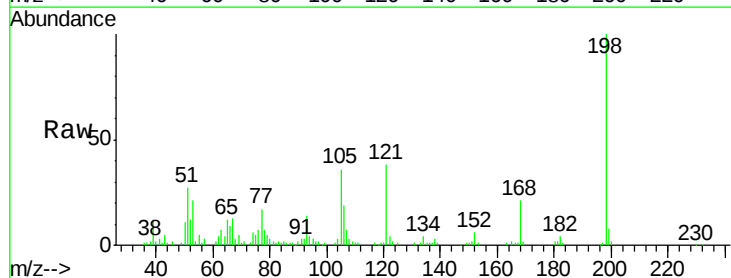
Acq: 29 Mar 2016 12:40

Tgt Ion:198 Resp: 66817
Ion Ratio Lower Upper

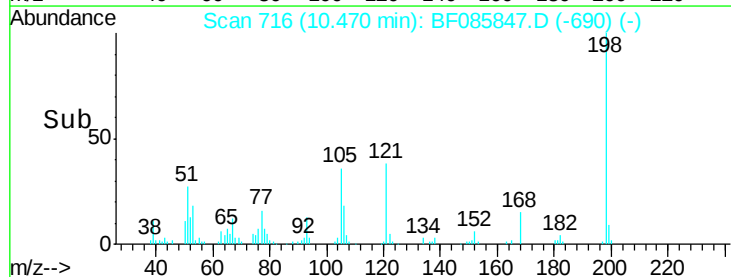
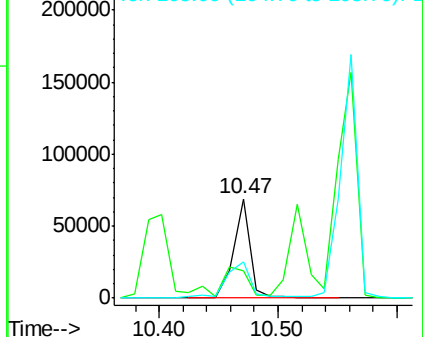
198 100

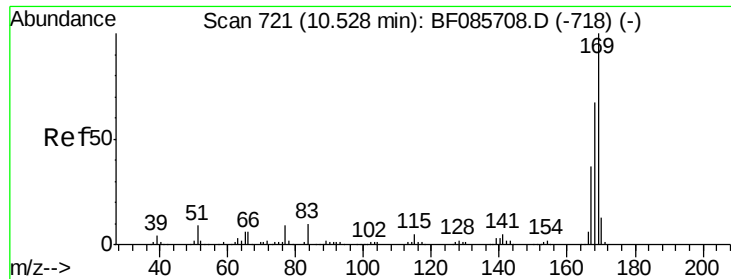
51 27.3 45.4 85.4#

105 36.5 45.9 85.9#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





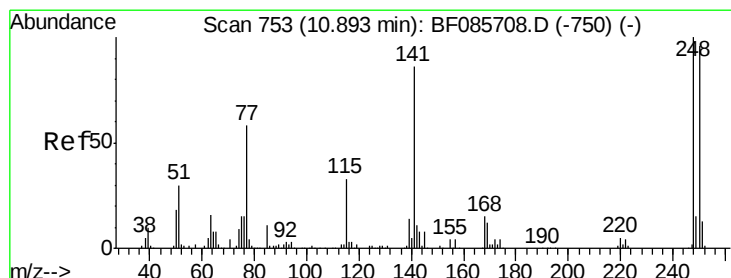
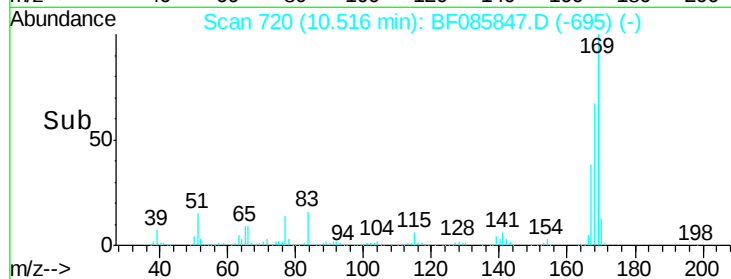
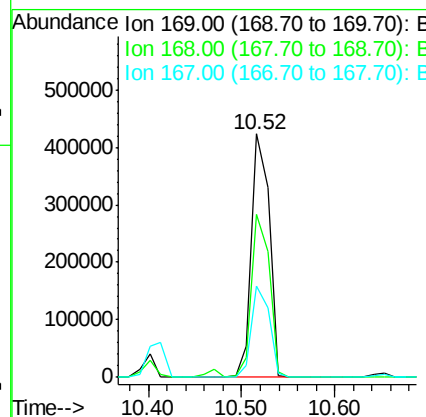
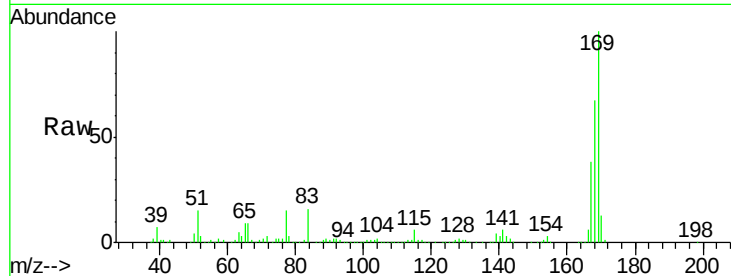
#65
n-Nitrosodiphenylamine
Concen: 45.63 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampleId :
13MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	67.1	54.4	81.6
167	37.5	29.4	44.0

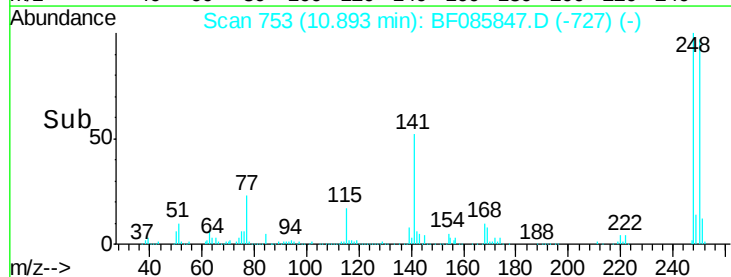
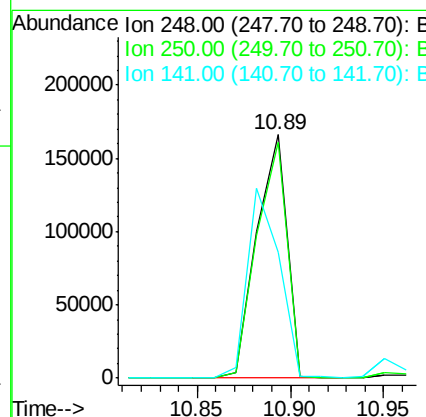
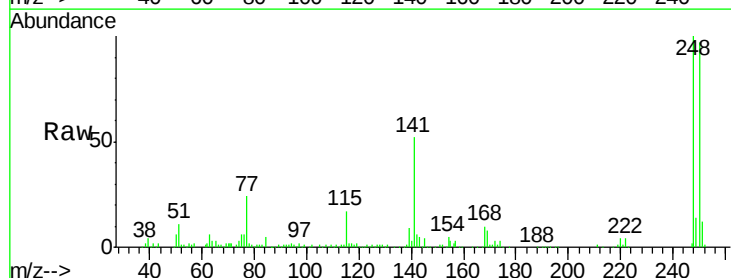
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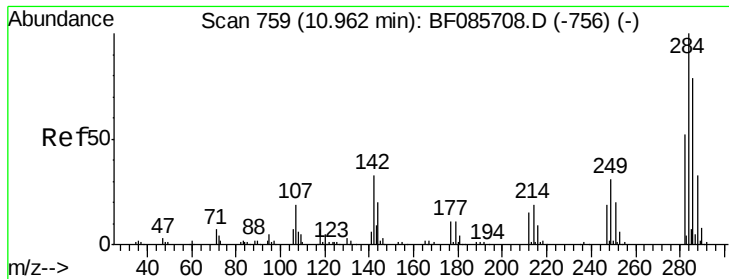
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 46.83 ng
RT: 10.89 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	96.8	77.4	116.0
141	51.8	63.6	95.4





#67

Hexachlorobenzene

Concen: 46.24 ng

RT: 10.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF085847.D

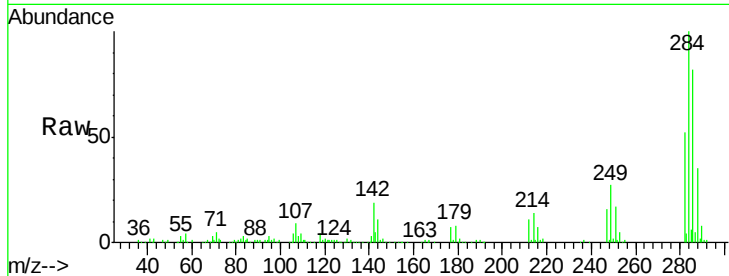
Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

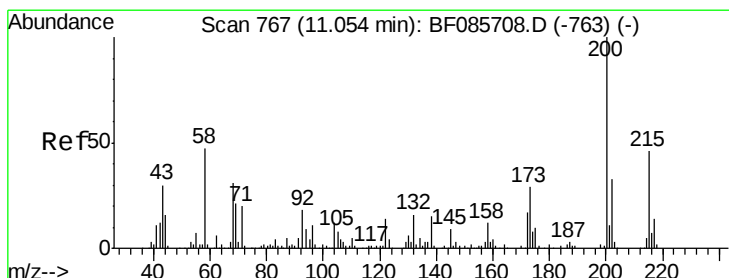
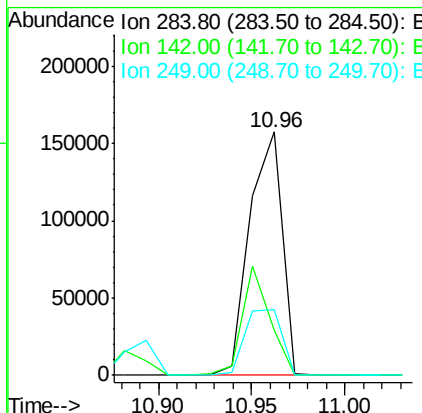
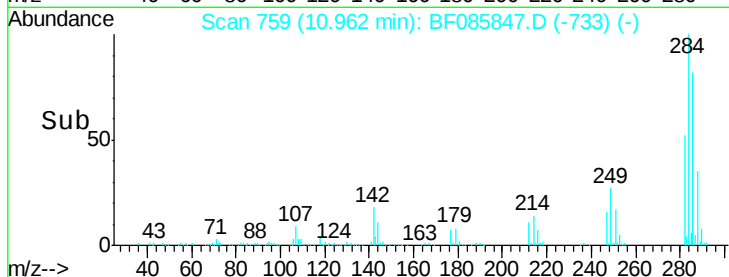
13MS



Tgt Ion:	284	Resp:	192601
Ion Ratio	Lower	Upper	
284	100		
142	18.5	23.1	34.7#
249	26.9	24.2	36.2

Manual Integrations
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#68

Atrazine

Concen: 50.31 ng

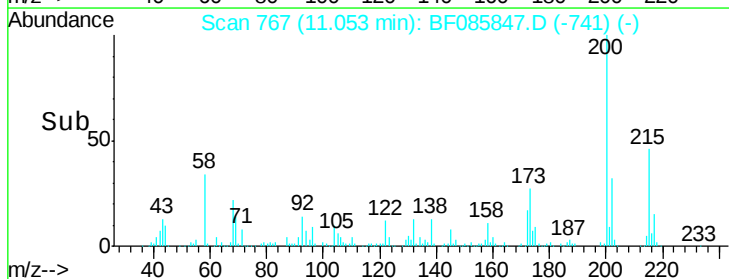
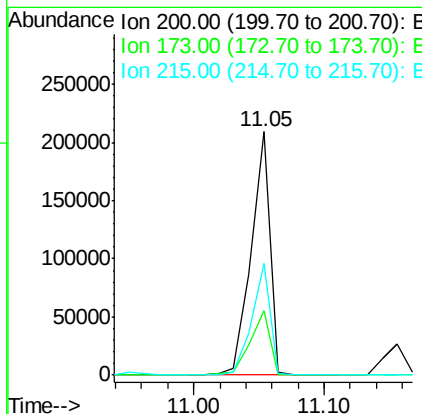
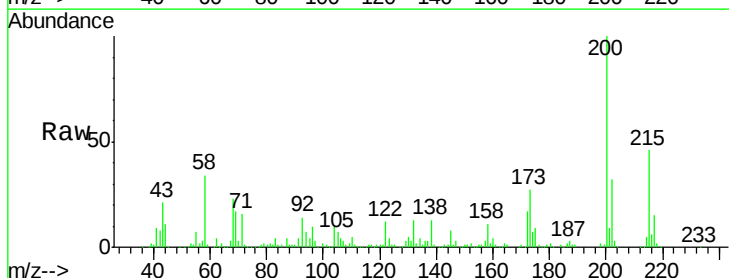
RT: 11.05 min Scan# 767

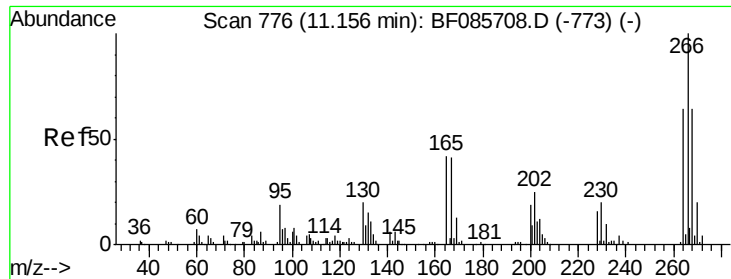
Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion:	200	Resp:	209460
Ion Ratio	Lower	Upper	
200	100		
173	26.6	7.7	47.7
215	45.9	25.4	65.4





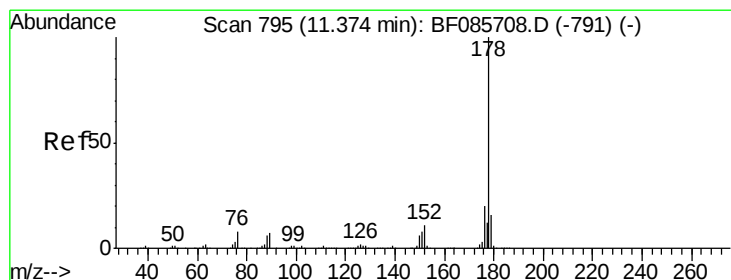
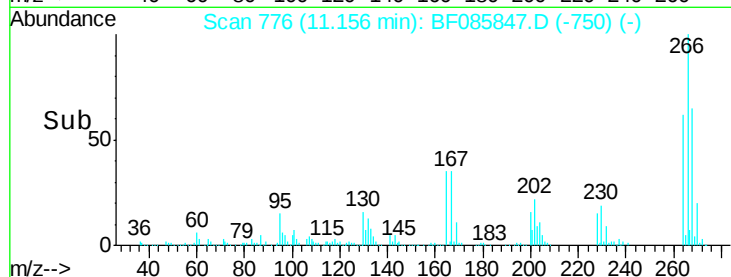
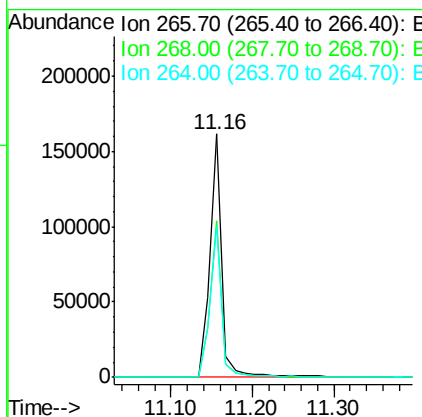
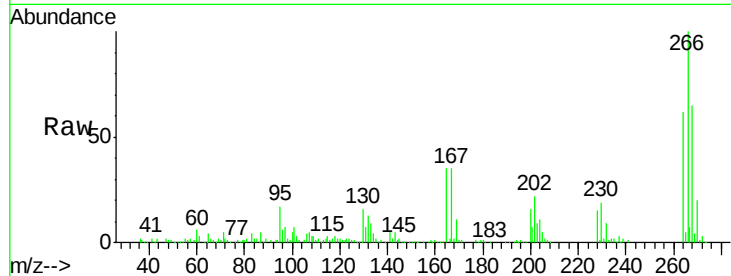
#69
 Pentachlorophenol
 Concen: 82.55 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	168803		
268	64.6	51.5	77.3	
264	62.4	50.6	76.0	

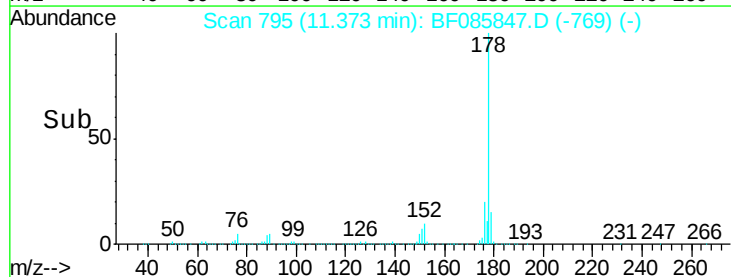
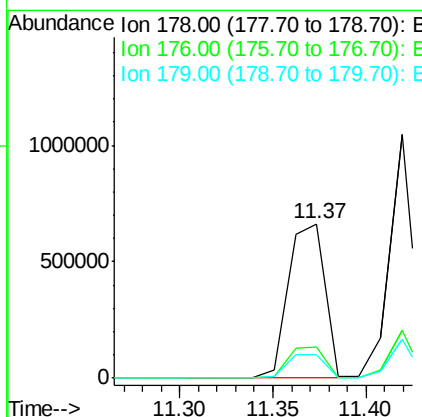
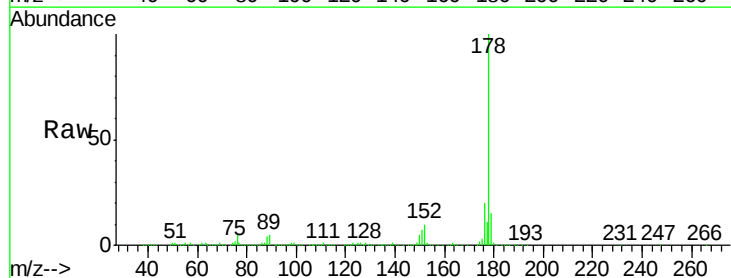
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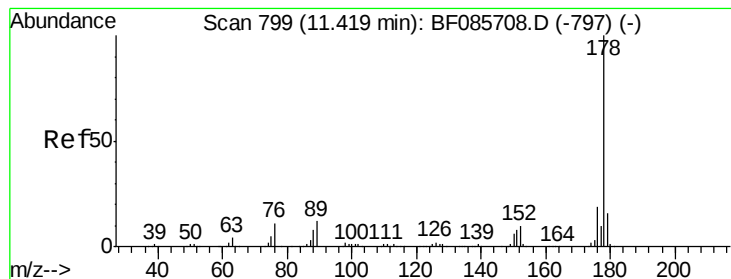
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#70
 Phenanthrene
 Concen: 45.58 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	911057		
176	20.0	16.3	24.5	
179	15.0	12.6	18.8	





#71

Anthracene

Concen: 42.87 ng

RT: 11.42 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

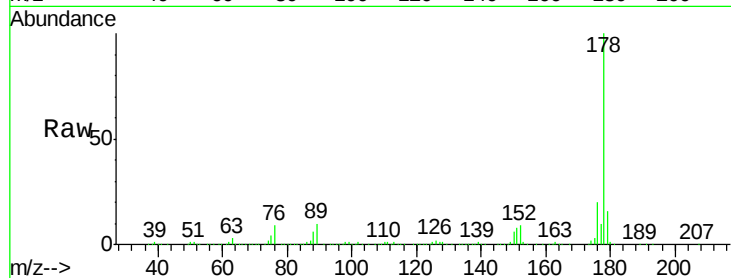
ClientSampleId :

13MS

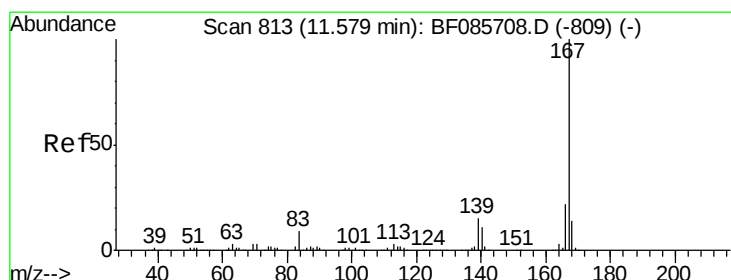
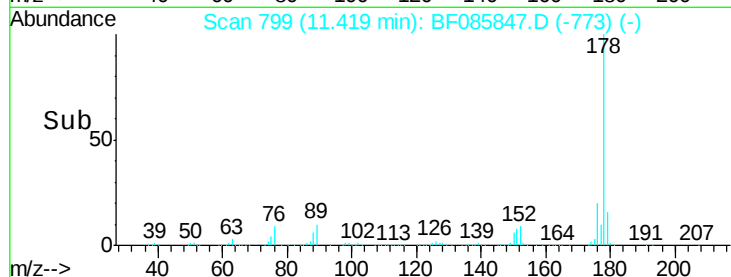
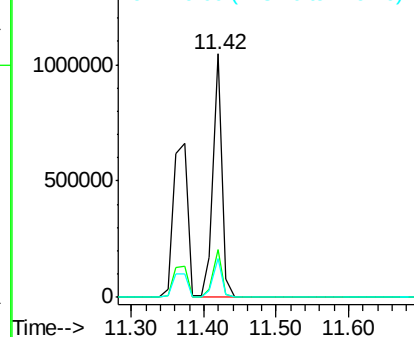
Tgt Ion:	178	Resp:	899748
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.9	23.9
179	15.8	13.0	19.4

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 49.24 ng

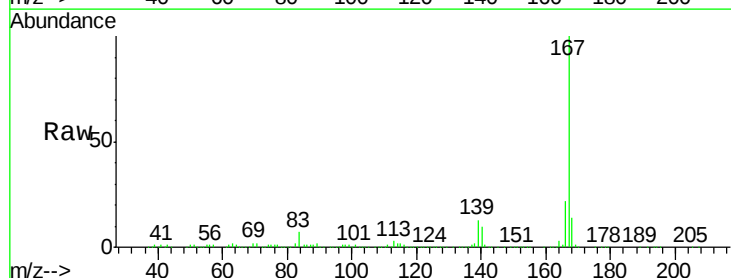
RT: 11.58 min Scan# 813

Delta R.T. -0.00 min

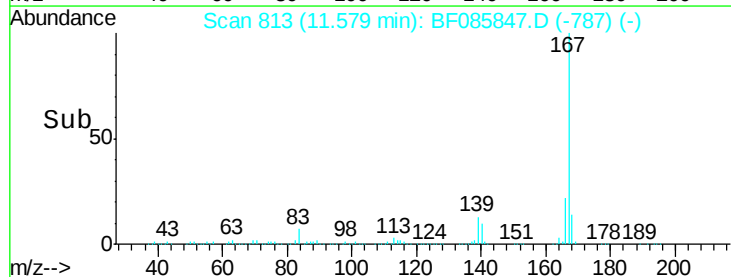
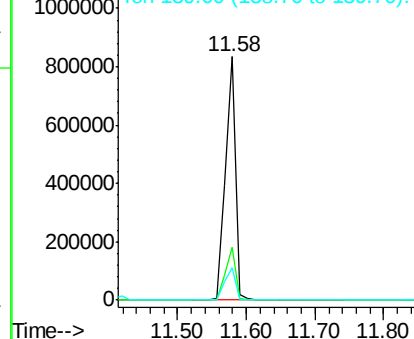
Lab File: BF085847.D

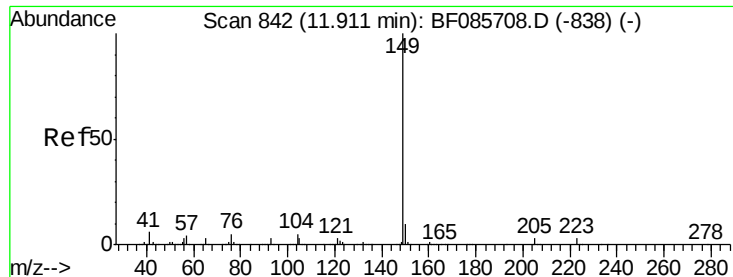
Acq: 29 Mar 2016 12:40

Tgt Ion:	167	Resp:	867621
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.8	26.8
139	13.4	11.6	17.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.89 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampled :

13MS

Tgt Ion:149 Resp: 1085349

Ion Ratio Lower Upper

149 100

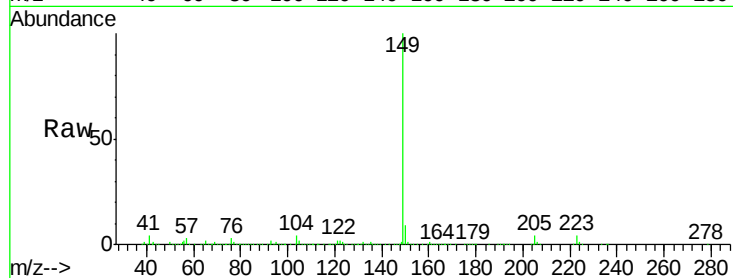
150 9.1 7.6 11.4

104 3.9 3.8 5.8

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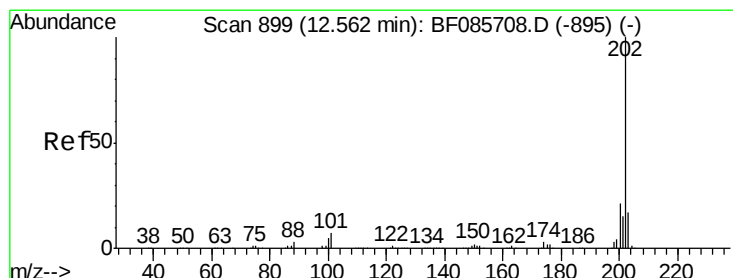
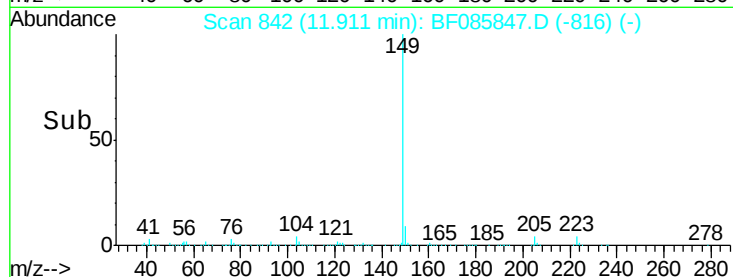
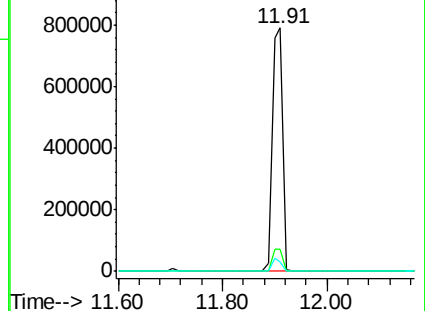
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.03 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

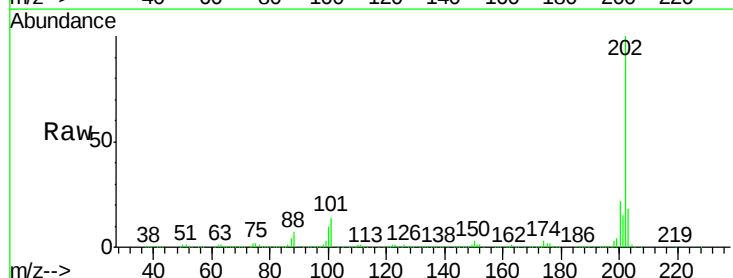
Tgt Ion:202 Resp: 765558

Ion Ratio Lower Upper

202 100

101 13.9 0.0 36.6

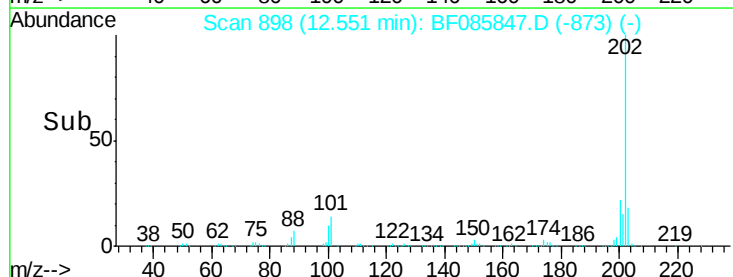
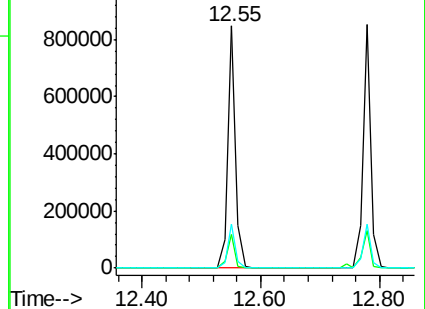
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

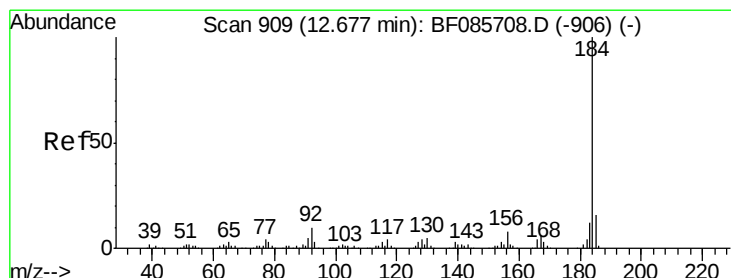
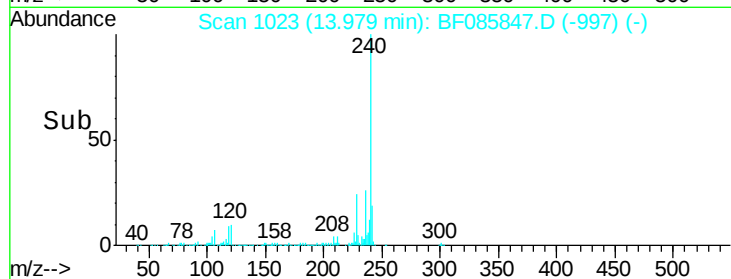
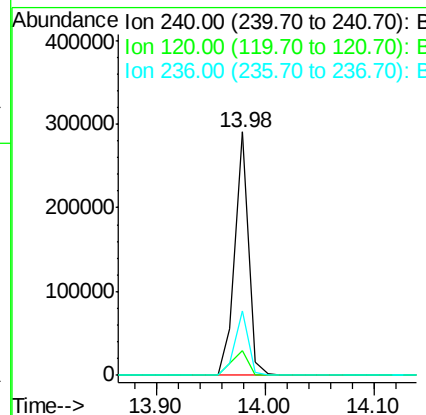
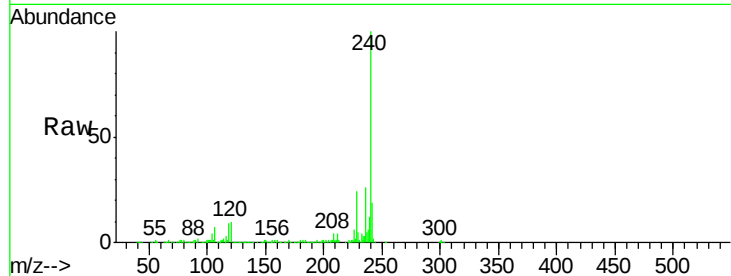
ClientSampleId :

13MS

Tgt Ion:	240	Resp:	251158
Ion Ratio		Lower	Upper
240	100		
120	10.2	13.8	20.8#
236	26.2	20.6	30.8

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#76

Benzidine

Concen: 2.74 ng

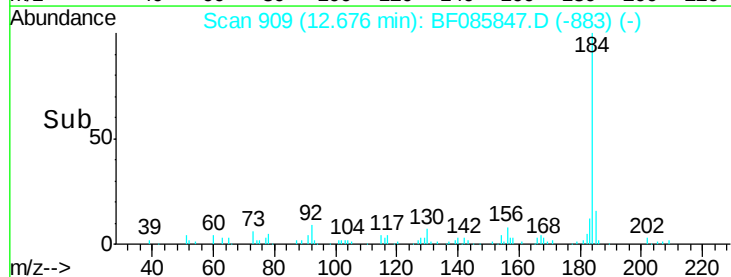
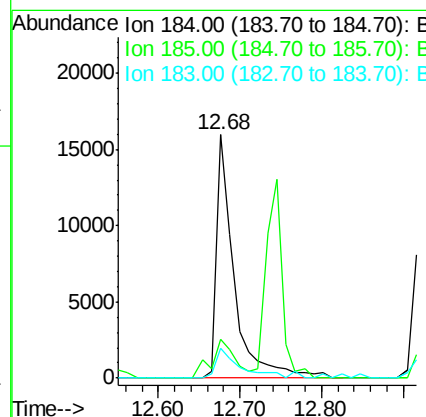
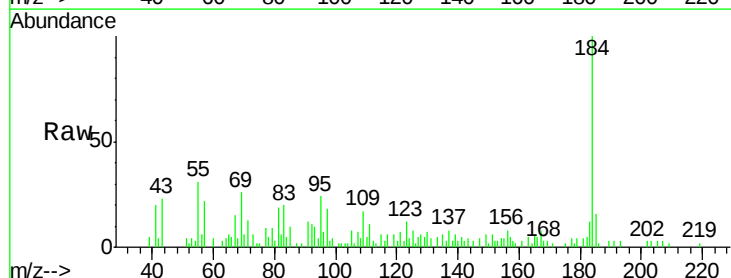
RT: 12.68 min Scan# 909

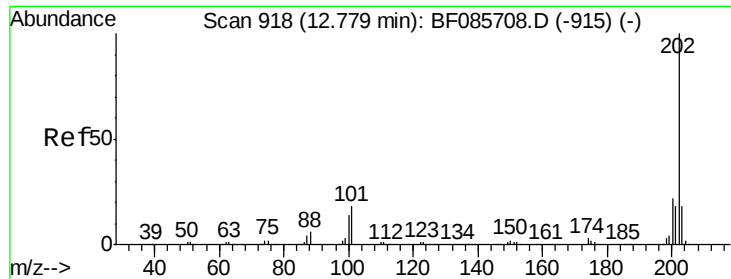
Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion:	184	Resp:	24274
Ion Ratio		Lower	Upper
184	100		
185	15.9	12.4	18.6
183	12.2	9.4	14.2





#77

Pyrene

Concen: 37.38 ng

RT: 12.78 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

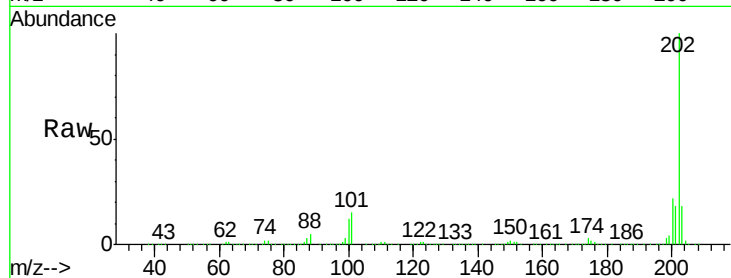
ClientSampled :

13MS

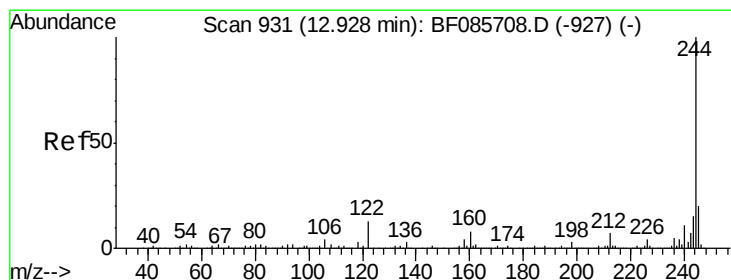
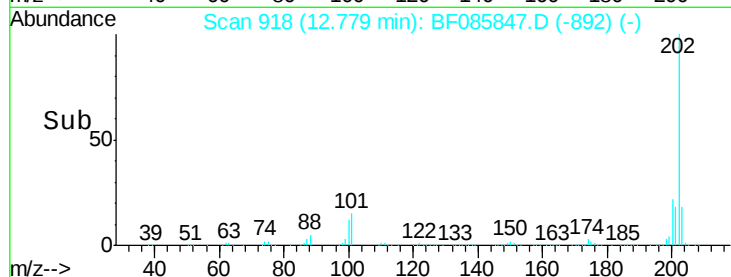
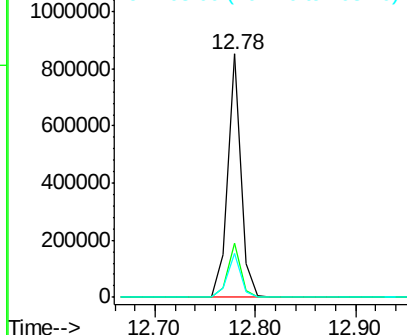
Tgt Ion:	202	Resp:	771732
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.6	26.4
203	17.8	14.0	21.0

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



#78

Terphenyl-d14

Concen: 81.30 ng

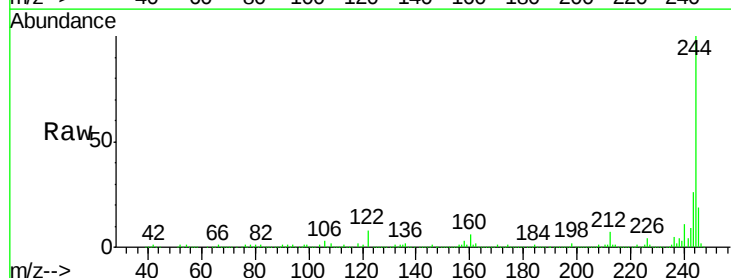
RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

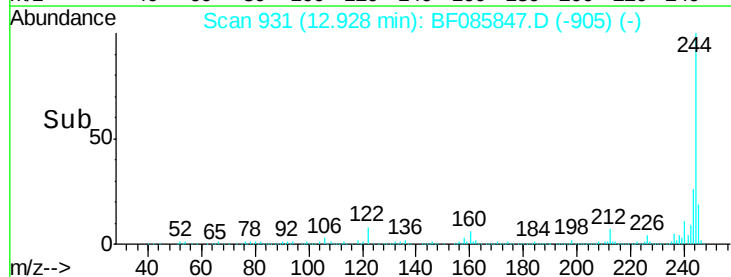
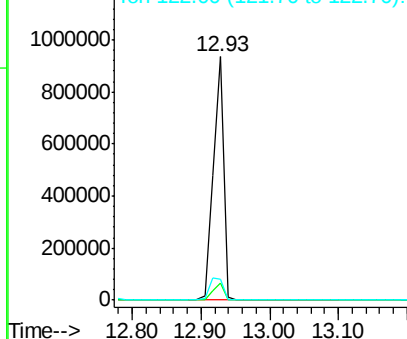
Lab File: BF085847.D

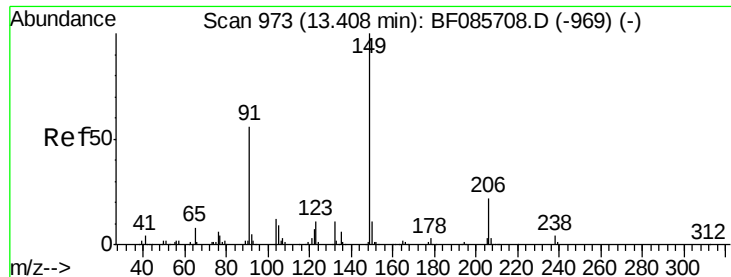
Acq: 29 Mar 2016 12:40

Tgt Ion:	244	Resp:	992893
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.1	9.1
122	8.4	10.2	15.4#



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





#79

Butylbenzylphthalate

Concen: 42.78 ng

RT: 13.40 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampled :

13MS

Tgt Ion:149 Resp: 369856
Ion Ratio Lower Upper

149 100

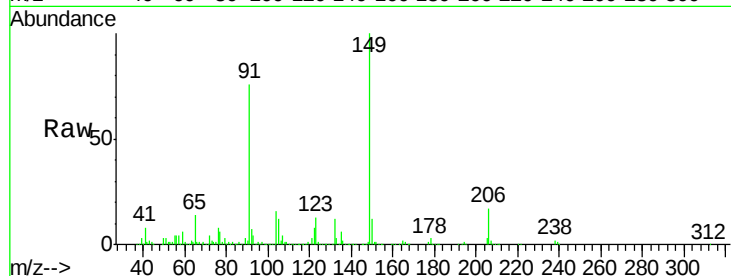
91 75.7 45.8 68.8#

206 17.0 17.8 26.8#

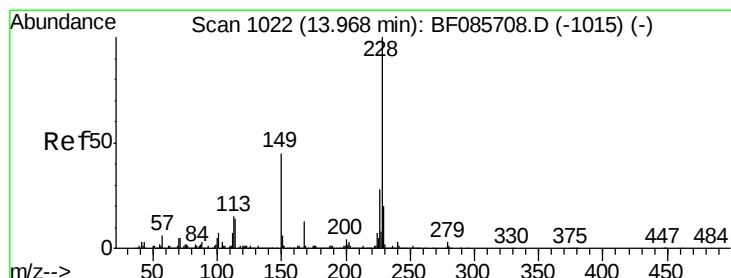
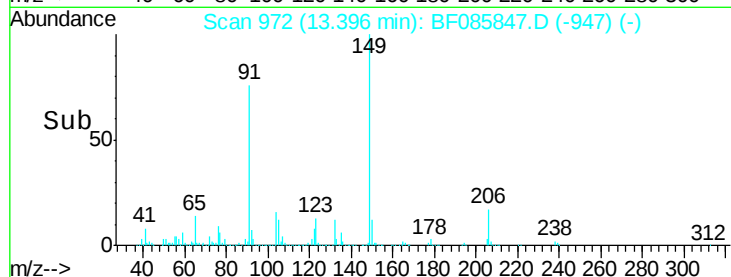
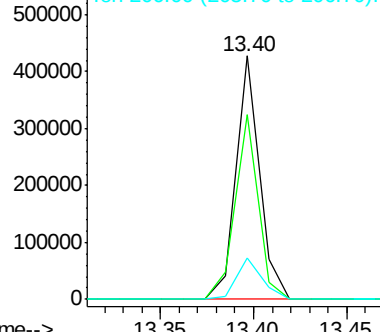
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.12 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF085847.D

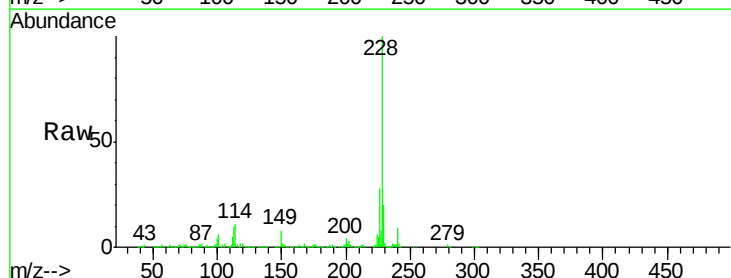
Acq: 29 Mar 2016 12:40

Tgt Ion:228 Resp: 617540
Ion Ratio Lower Upper

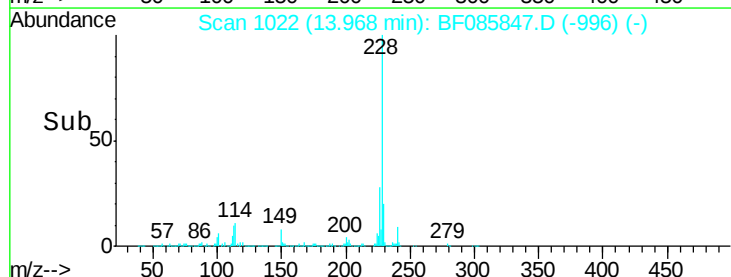
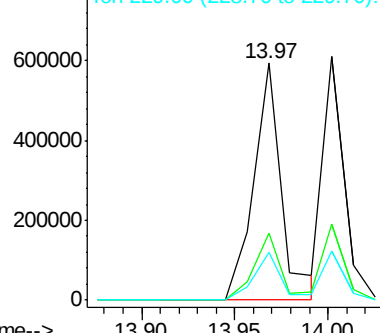
228 100

226 28.3 22.1 33.1

229 20.2 16.2 24.4



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





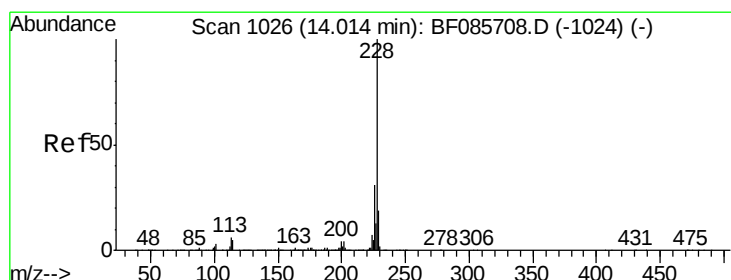
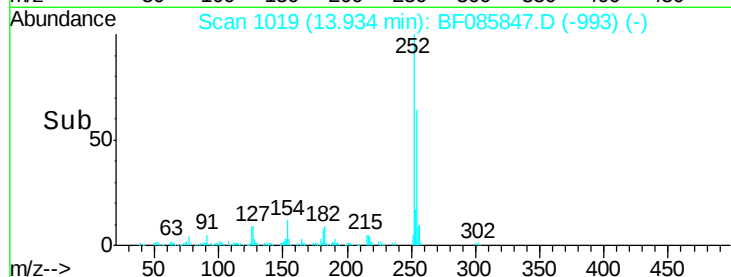
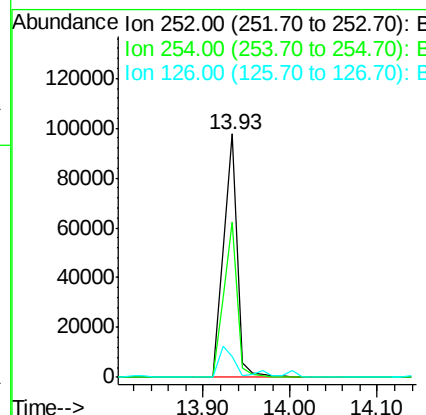
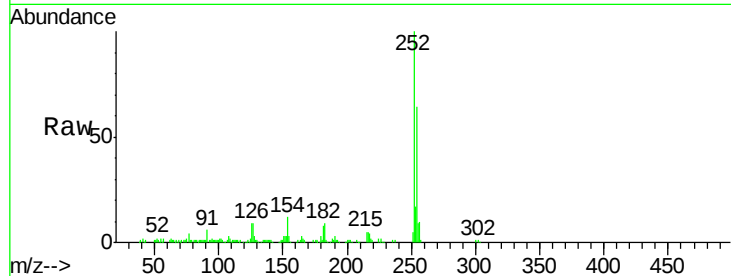
#81
 3,3'-Dichlorobenzidine
 Concen: 11.06 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	109943		
254	63.6	50.7	76.1	
126	8.6	11.8	17.6	

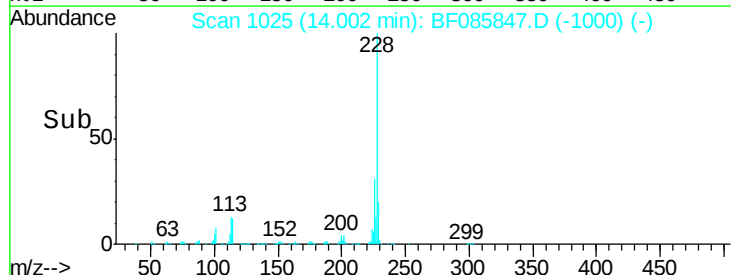
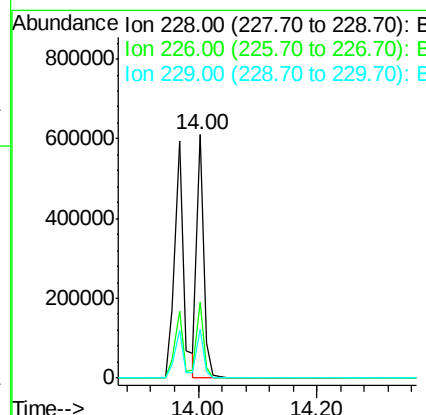
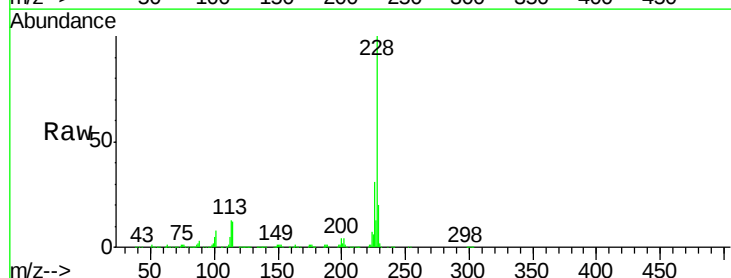
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#82
 Chrysene
 Concen: 34.25 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	494042		
226	31.3	25.0	37.6	
229	20.1	15.7	23.5	





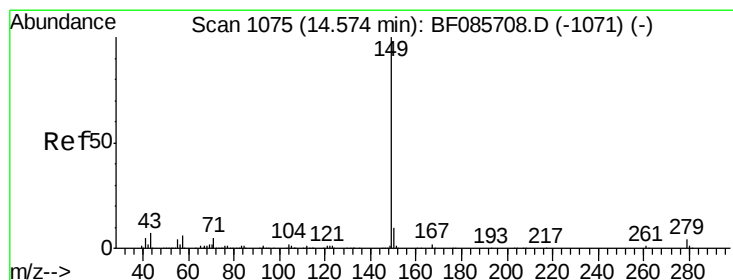
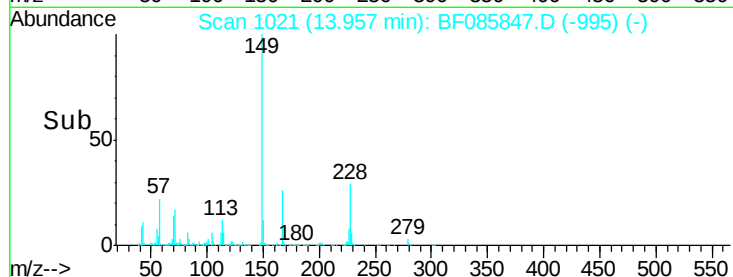
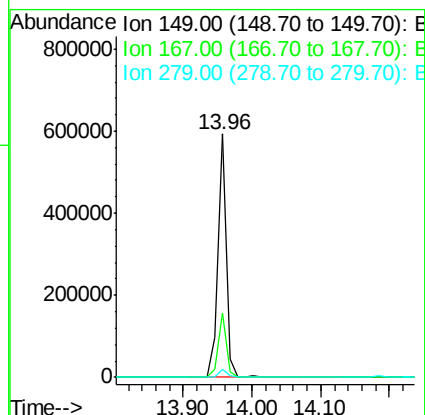
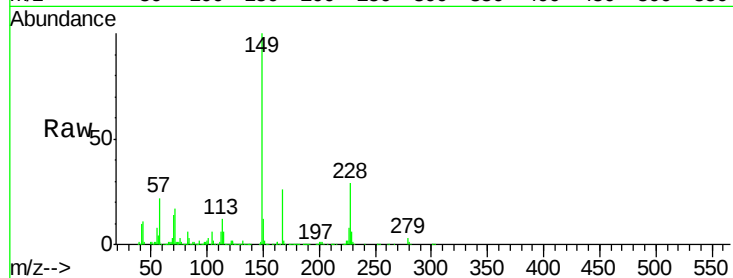
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.55 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.3	19.4	29.2
279	3.2	1.5	2.3#

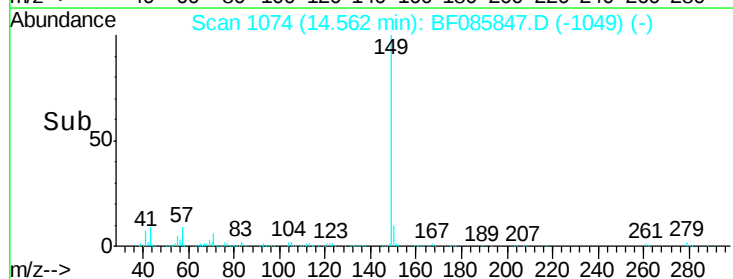
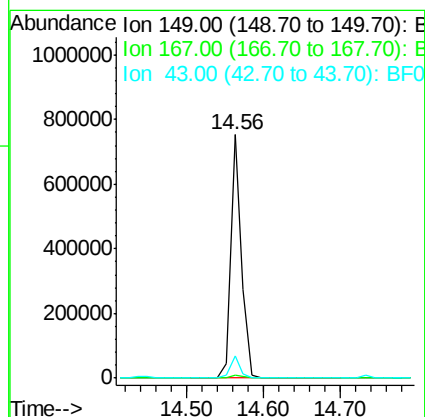
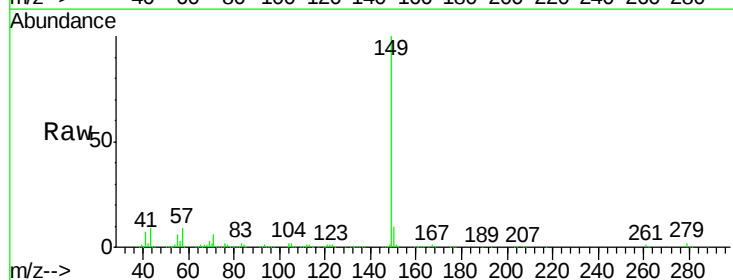
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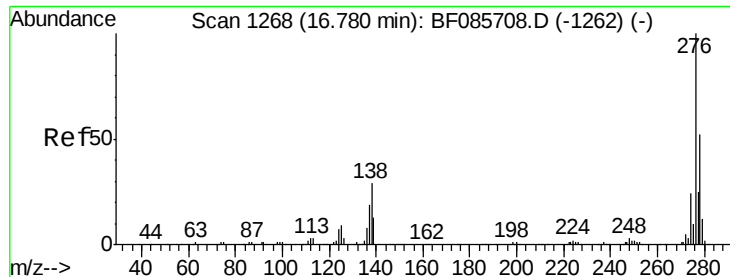
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#84
 Di-n-octyl phthalate
 Concen: 48.32 ng
 RT: 14.56 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.2	1.8
43	8.5	7.1	10.7





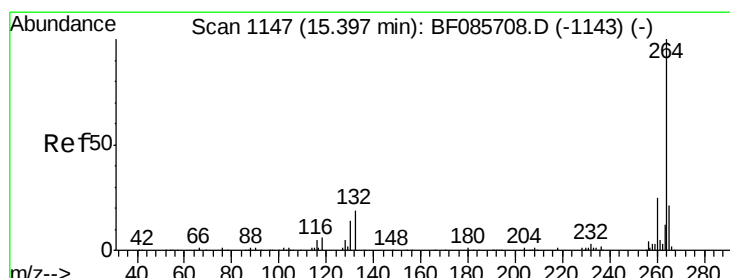
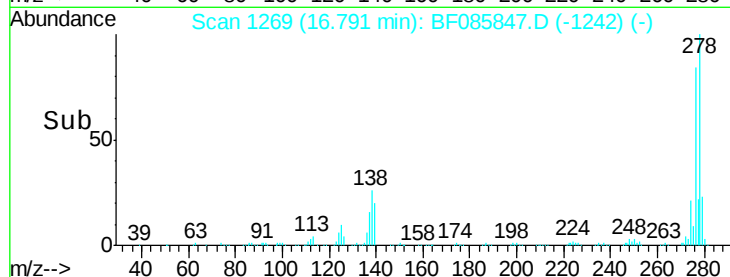
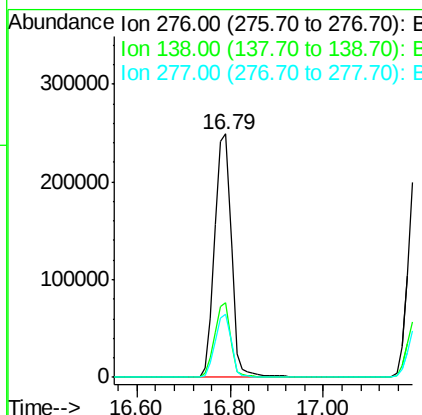
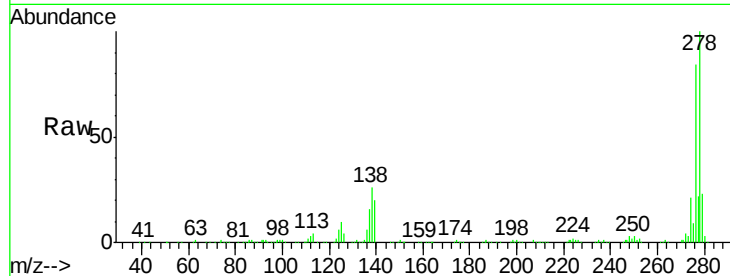
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.98 ng
 RT: 16.79 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	24.2	36.4
277	25.2	20.0	30.0

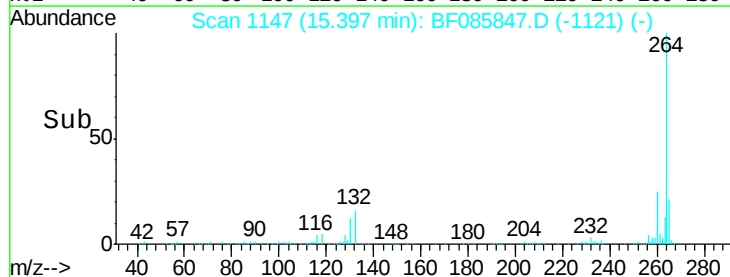
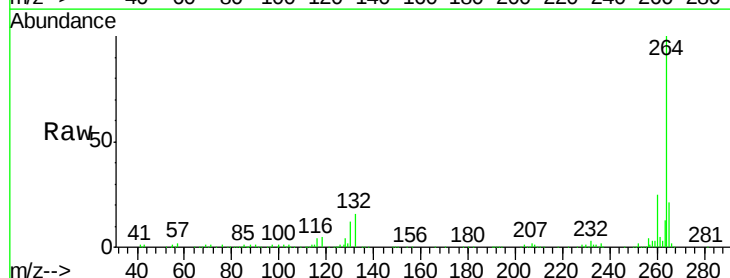
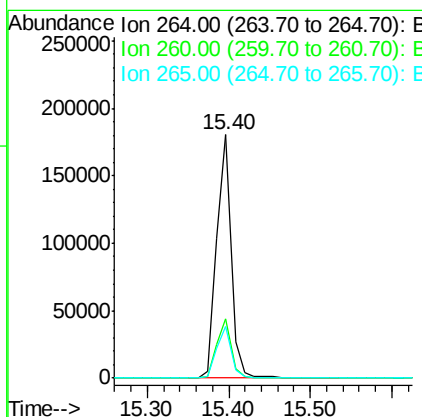
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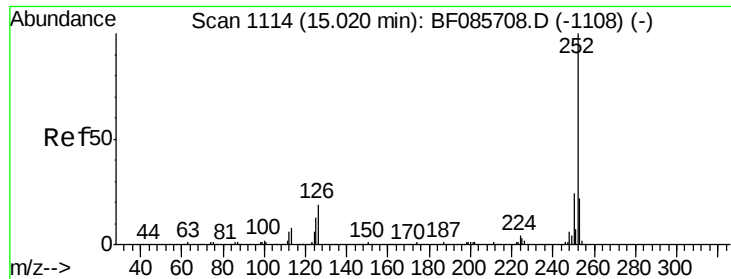
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 47.73 ng m

RT: 15.00 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

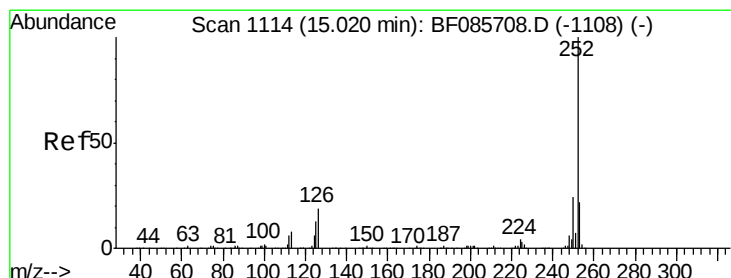
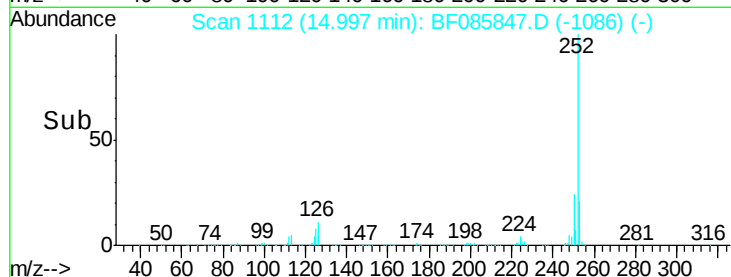
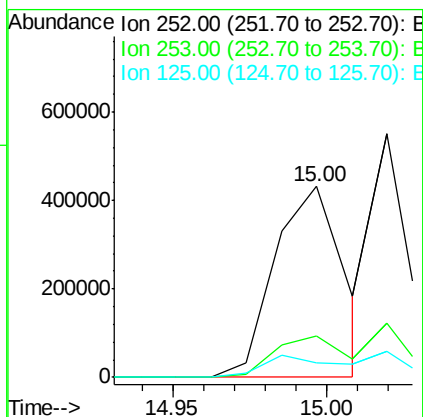
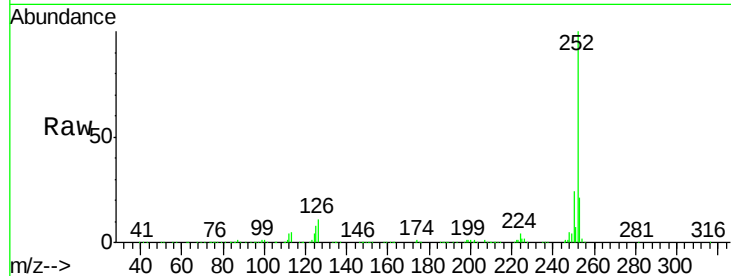
ClientSampled :

13MS

Tgt Ion:	252	Resp:	671782
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.6	26.4
125	7.7	10.3	15.5#

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#88

Benzo(k)fluoranthene

Concen: 35.92 ng m

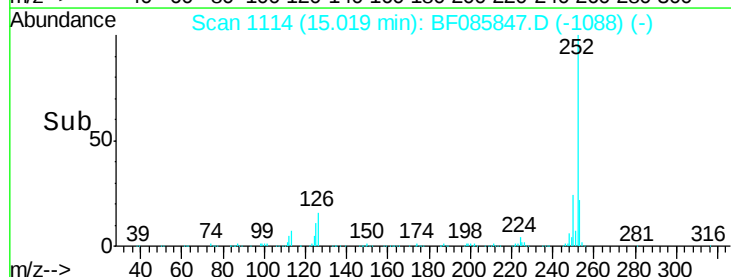
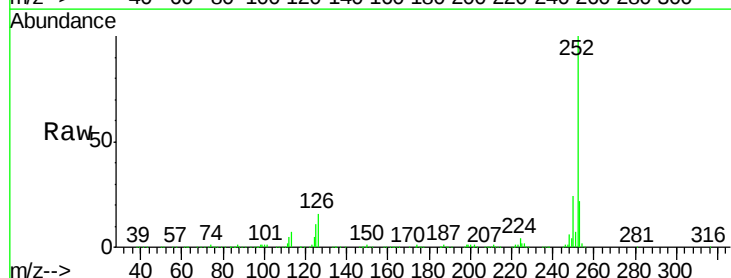
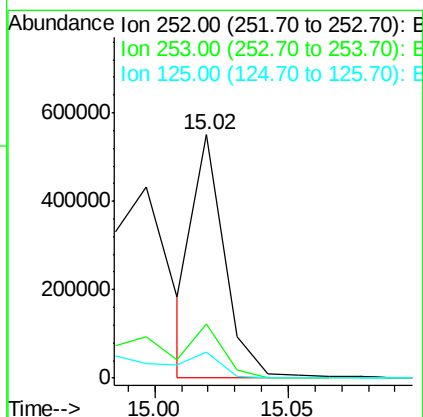
RT: 15.02 min Scan# 1114

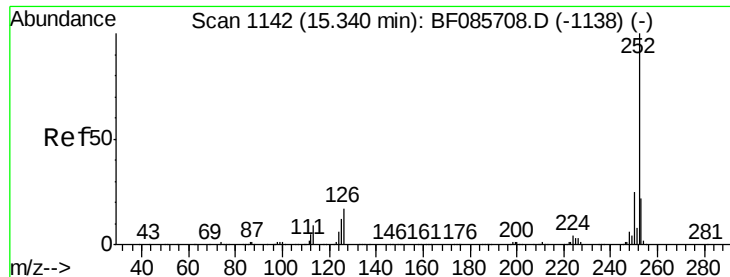
Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion:	252	Resp:	455775
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	10.8	7.7	11.5





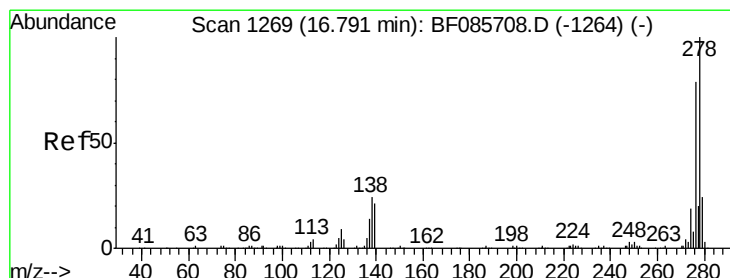
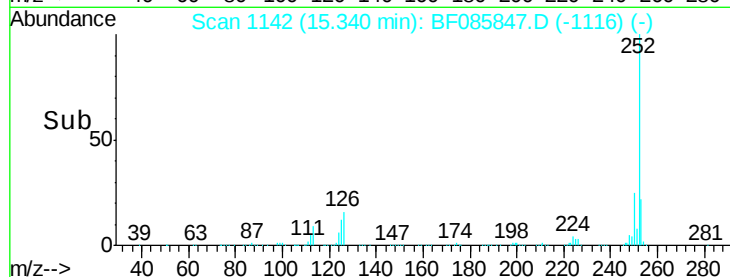
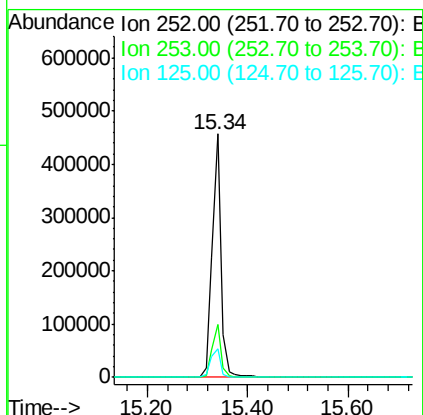
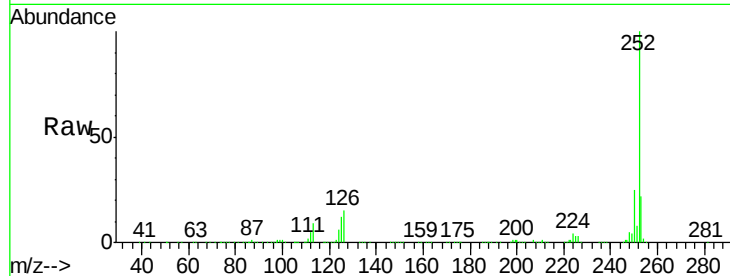
#89
Benzo(a)pyrene
Concen: 44.68 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampleId :
13MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	11.8	10.3	15.5

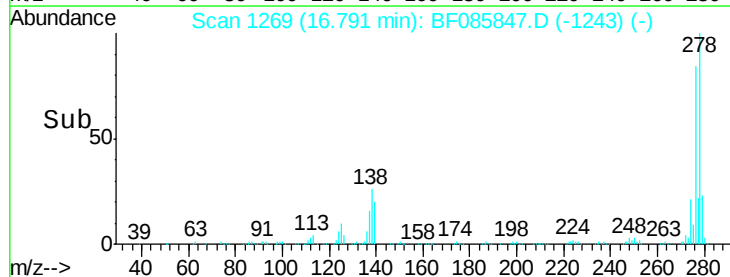
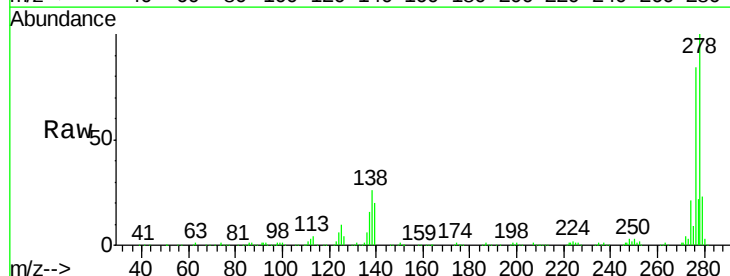
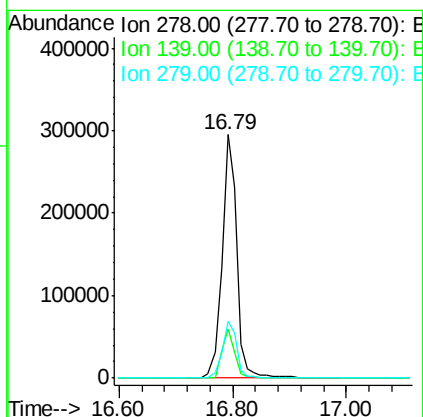
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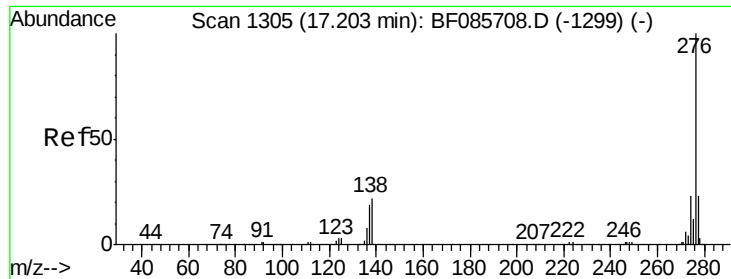
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#90
Dibenzo(a,h)anthracene
Concen: 45.71 ng
RT: 16.79 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	14.4	21.6
279	23.4	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 42.66 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tgt Ion:	276	Resp:	501559
Ion Ratio		Lower	Upper
276	100		
277	23.9	18.8	28.2
138	23.9	22.6	34.0

Manual Integrations
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