

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085408.D
 Acq On : 12 Mar 2016 9:25
 Operator : UM/SJ
 Sample : H1730-08MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)MSD

Manual Integrations
 APPROVED

UMANGI
 3/14/2016 10:46:19 AM

Quant Time: Mar 14 02:25:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	137886	20.00	ng	-0.05
21) Naphthalene-d8	8.23	136	526251	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	221529	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	364226	20.00	ng	-0.05
75) Chrysene-d12	14.12	240	254585	20.00	ng	-0.03
86) Perylene-d12	15.58	264	236367	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1250403	152.11	ng	-0.02
7) Phenol-d6	6.57	99	1444141	134.09	ng	-0.03
23) Nitrobenzene-d5	7.51	82	1020079	103.73	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	329067	173.60	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1436638	98.63	ng	-0.05
78) Terphenyl-d14	13.05	244	936329	85.38	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	187341	44.57	ng	98
3) Pyridine	3.43	79	544956	51.80	ng	97
4) n-Nitrosodimethylamine	3.38	42	230904	51.28	ng	93
6) Aniline	6.60	93	455168	30.15	ng	# 81
8) 2-Chlorophenol	6.72	128	425471	42.99	ng	94
9) Benzaldehyde	6.48	77	134465	23.63	ng	96
10) Phenol	6.58	94	454281m	39.38	ng	
11) bis(2-Chloroethyl)ether	6.68	93	452690	47.25	ng	98
12) 1,3-Dichlorobenzene	6.88	146	504907	47.52	ng	99
13) 1,4-Dichlorobenzene	6.95	146	488941	45.92	ng	99
14) 1,2-Dichlorobenzene	7.11	146	463805	48.01	ng	99
15) Benzyl Alcohol	7.08	79	406118	51.37	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.21	45	587082	42.51	ng	97
17) 2-Methylphenol	7.19	107	408897	50.64	ng	96
18) Hexachloroethane	7.45	117	170067	43.29	ng	98
19) n-Nitroso-di-n-propylamine	7.36	70	361666	51.52	ng	98
20) 3+4-Methylphenols	7.35	107	433881	45.36	ng	# 83
22) Acetophenone	7.35	105	575335	44.79	ng	# 93
24) Nitrobenzene	7.52	77	432527	43.30	ng	99
25) Isophorone	7.76	82	868524	47.66	ng	100
26) 2-Nitrophenol	7.84	139	271983	55.95	ng	# 81
27) 2,4-Dimethylphenol	7.88	122	387206	43.58	ng	93
28) bis(2-Chloroethoxy)methane	7.98	93	547568	53.95	ng	98
29) 2,4-Dichlorophenol	8.08	162	373500	52.13	ng	90
30) 1,2,4-Trichlorobenzene	8.17	180	390642	50.43	ng	# 94
31) Naphthalene	8.25	128	1293323	49.98	ng	98
32) Benzoic acid	7.94	122	22622	3.83	ng	88
33) 4-Chloroaniline	8.30	127	226749	21.66	ng	# 90
34) Hexachlorobutadiene	8.37	225	212172	52.64	ng	99
35) Caprolactam	8.66	113	132778m	56.74	ng	
36) 4-Chloro-3-methylphenol	8.78	107	414968	51.05	ng	99
37) 2-Methylnaphthalene	8.94	142	767434	46.22	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	359342	56.72	ng	97
40) Hexachlorocyclopentadiene	9.09	237	133312	39.01	ng	98

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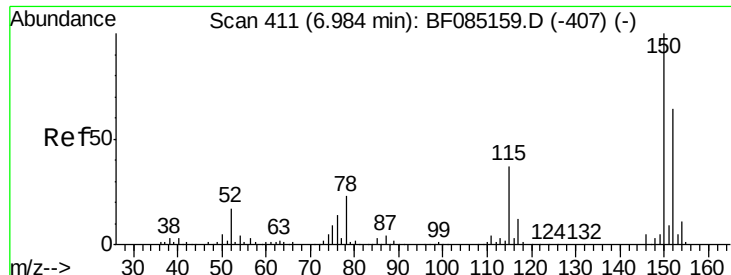
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	257519	54.60	ng	100
43) 2,4,5-Trichlorophenol	9.26	196	263335	58.89	ng	93
45) 1,1'-Biphenyl	9.41	154	1061449	56.08	ng	96
46) 2-Chloronaphthalene	9.43	162	754149	52.27	ng	94
47) 2-Nitroaniline	9.52	65	227131	50.81	ng	94
48) Acenaphthylene	9.84	152	1135597	50.58	ng	98
49) Dimethylphthalate	9.70	163	1057103	62.17	ng	99
50) 2,6-Dinitrotoluene	9.77	165	205262	56.43	ng	# 68
51) Acenaphthene	10.01	154	651365	47.78	ng	99
52) 3-Nitroaniline	9.93	138	150992	34.69	ng	85
53) 2,4-Dinitrophenol	10.04	184	40503	27.77	ng	# 61
54) Dibenzofuran	10.18	168	917259	51.35	ng	97
55) 4-Nitrophenol	10.10	139	325602	95.20	ng	93
56) 2,4-Dinitrotoluene	10.17	165	248255	53.33	ng	92
57) Fluorene	10.54	166	674337	48.06	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	183257	58.34	ng	94
59) Diethylphthalate	10.40	149	807286	48.93	ng	96
60) 4-Chlorophenyl-phenylether	10.53	204	353974	51.85	ng	# 84
61) 4-Nitroaniline	10.55	138	187638	46.10	ng	97
62) Azobenzene	10.69	77	837180	51.50	ng	85
64) 4,6-Dinitro-2-methylphenol	10.58	198	47353	21.71	ng	80
65) n-Nitrosodiphenylamine	10.64	169	636094	56.15	ng	98
66) 4-Bromophenyl-phenylether	11.02	248	207864	58.77	ng	# 83
67) Hexachlorobenzene	11.09	284	198886	52.71	ng	# 85
68) Atrazine	11.17	200	195956	62.20	ng	98
69) Pentachlorophenol	11.27	266	213061	101.74	ng	99
70) Phenanthrene	11.50	178	998529	52.31	ng	97
71) Anthracene	11.54	178	883773	43.61	ng	99
72) Carbazole	11.70	167	860291	48.42	ng	97
73) Di-n-butylphthalate	12.02	149	1150581	51.23	ng	99
74) Fluoranthene	12.69	202	942114	49.18	ng	95
76) Benzidine	12.80	184	412212	54.40	ng	99
77) Pyrene	12.92	202	963087	50.26	ng	98
79) Butylbenzylphthalate	13.52	149	415907	47.84	ng	100
80) Benzo(a)anthracene	14.11	228	733072	48.10	ng	99
81) 3,3'-Dichlorobenzidine	14.06	252	207639	43.19	ng	99
82) Chrysene	14.14	228	709704	50.41	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	563224	49.23	ng	98
84) Di-n-octyl phthalate	14.70	149	958137	54.99	ng	# 97
85) Indeno(1,2,3-cd)pyrene	17.04	276	555692	50.57	ng	97
87) Benzo(b)fluoranthene	15.15	252	796310	50.54	ng	100
88) Benzo(k)fluoranthene	15.18	252	511329m	40.24	ng	
89) Benzo(a)pyrene	15.51	252	650104	49.80	ng	# 95
90) Dibenzo(a,h)anthracene	17.05	278	478555	42.94	ng	99
91) Benzo(g,h,i)perylene	17.49	276	349272	31.17	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

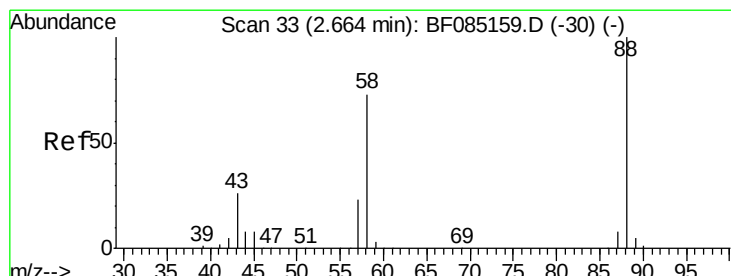
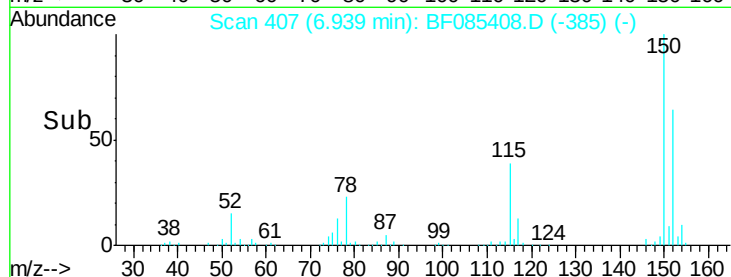
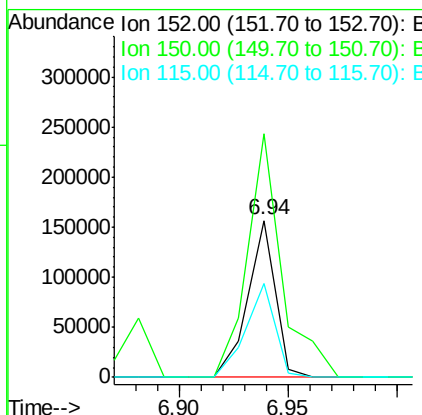
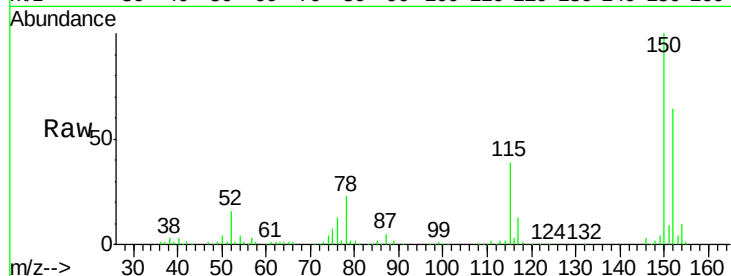
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:	152	Resp:	137886
Ion Ratio	Lower	Upper	
152	100		
150	155.4	124.6	186.8
115	60.0	46.6	70.0

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#2

1,4-Dioxane

Concen: 44.57 ng

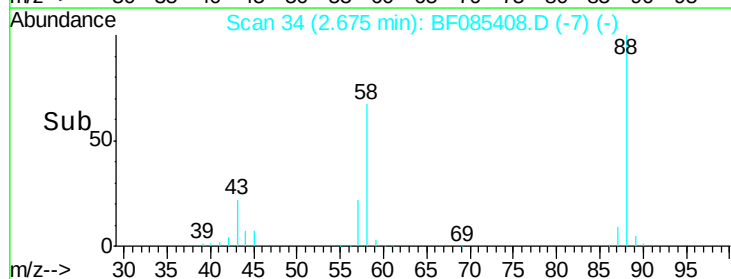
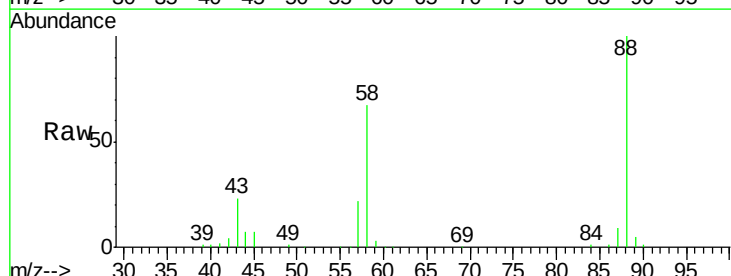
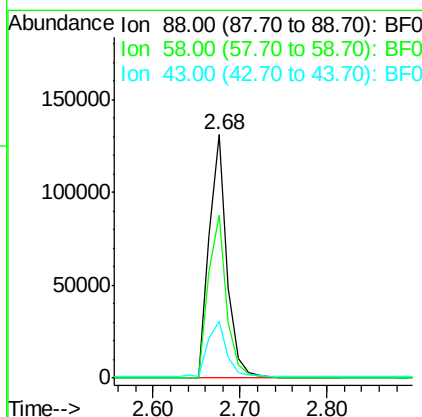
RT: 2.68 min Scan# 34

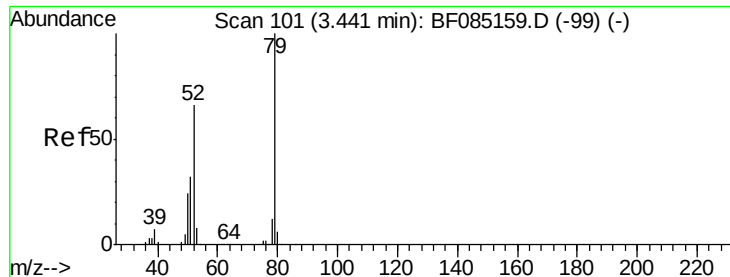
Delta R.T. 0.01 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Tgt Ion:	88	Resp:	187341
Ion Ratio	Lower	Upper	
88	100		
58	69.7	57.0	85.6
43	24.0	20.5	30.7





#3

Pyridine

Concen: 51.80 ng

RT: 3.43 min Scan# 100

Delta R.T. -0.01 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

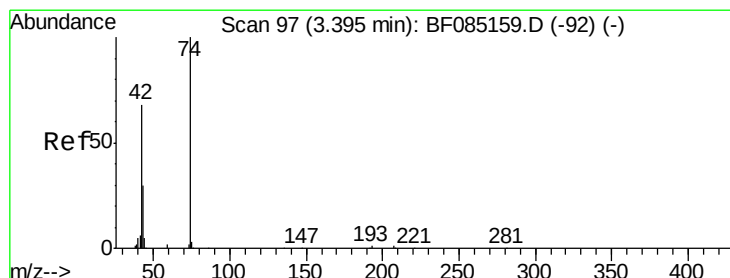
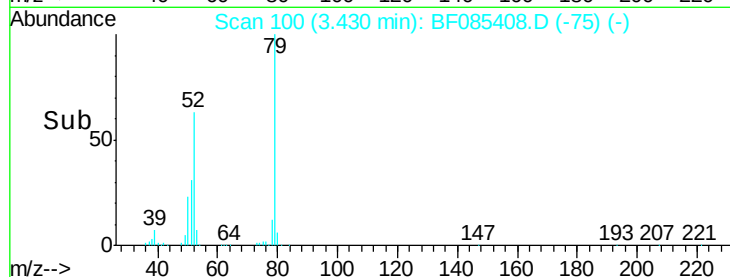
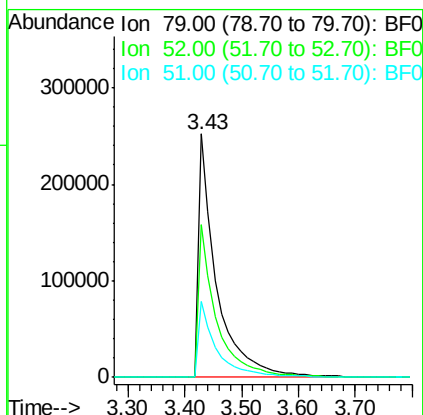
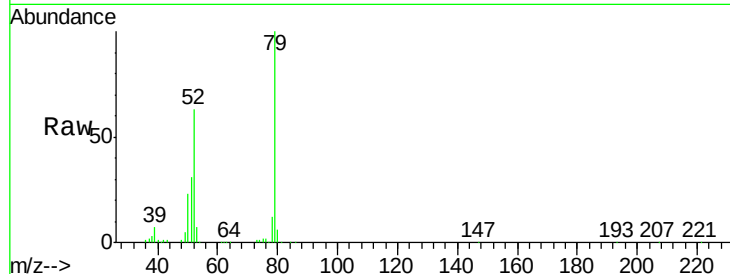
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:	79	Resp:	544956
Ion Ratio	Lower	Upper	
79	100		
52	62.8	52.6	79.0
51	31.3	25.8	38.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 51.28 ng

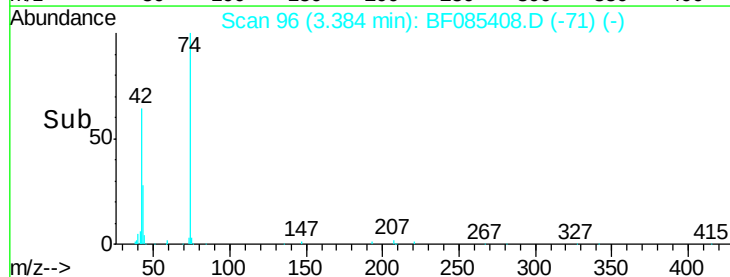
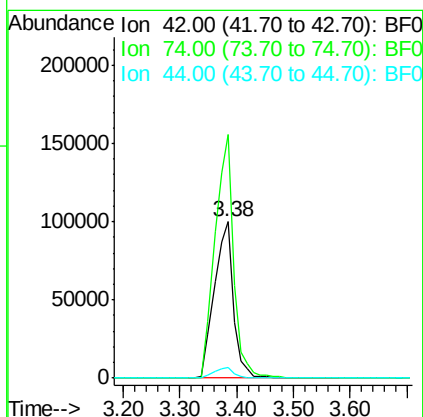
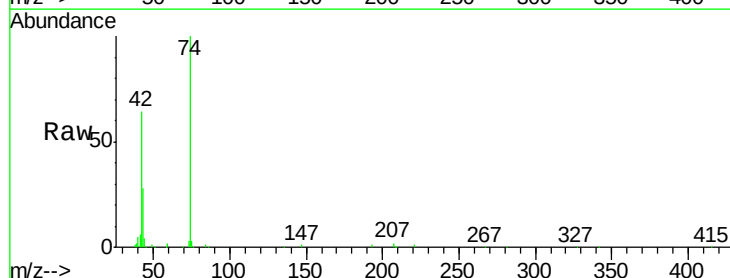
RT: 3.38 min Scan# 96

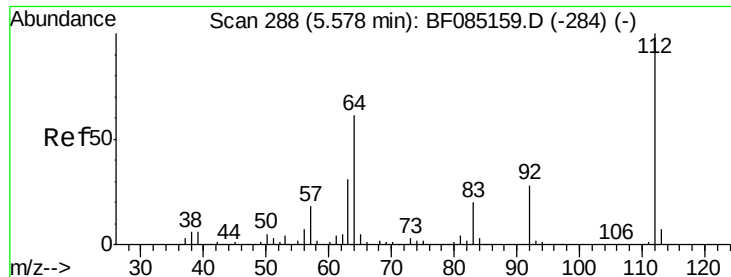
Delta R.T. -0.01 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Tgt Ion:	42	Resp:	230904
Ion Ratio	Lower	Upper	
42	100		
74	155.6	116.8	175.2
44	6.7	5.5	8.3





#5

2-Fluorophenol

Concen: 152.11 ng

RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion: 112 Resp: 1250403

Ion Ratio Lower Upper

112 100

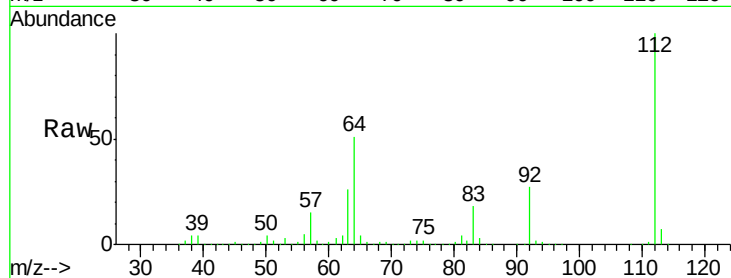
64 51.1 49.0 73.4

63 25.6 24.8 37.2

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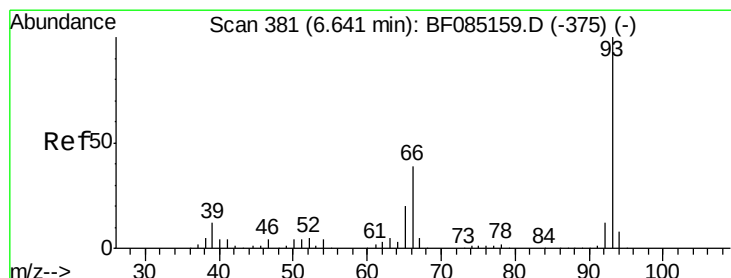
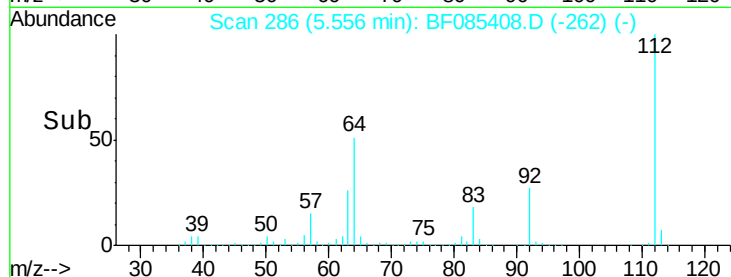
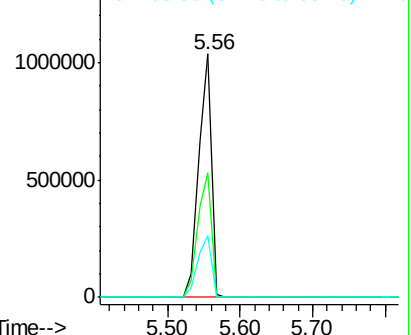
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.15 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

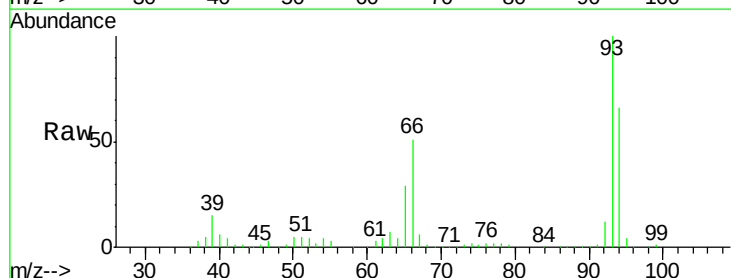
Tgt Ion: 93 Resp: 455168

Ion Ratio Lower Upper

93 100

66 50.9 31.6 47.4#

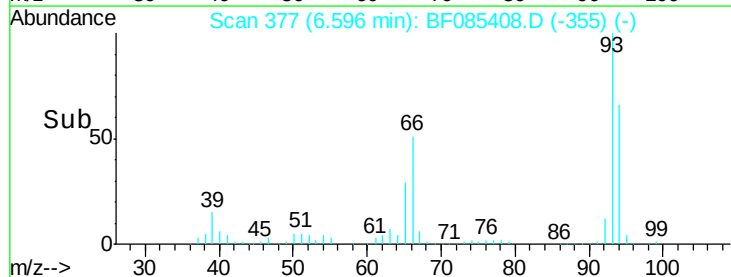
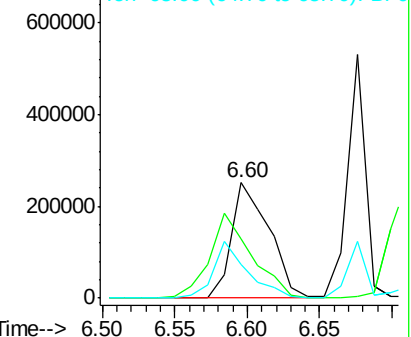
65 28.7 15.8 23.8#

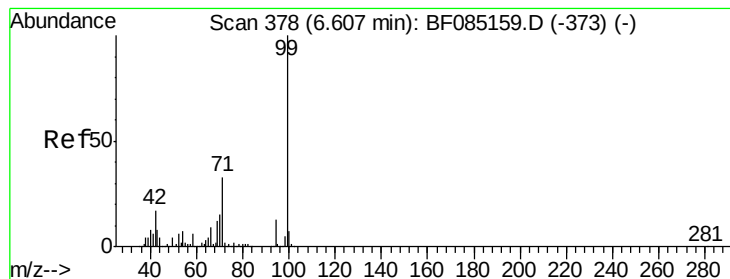


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.09 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion: 99 Resp: 1444141

Ion Ratio Lower Upper

99 100

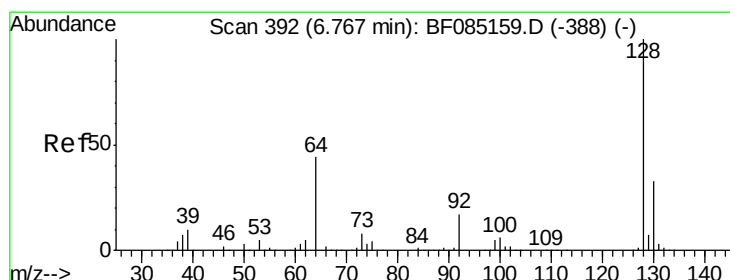
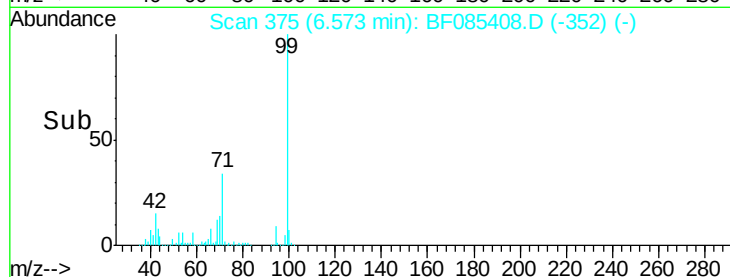
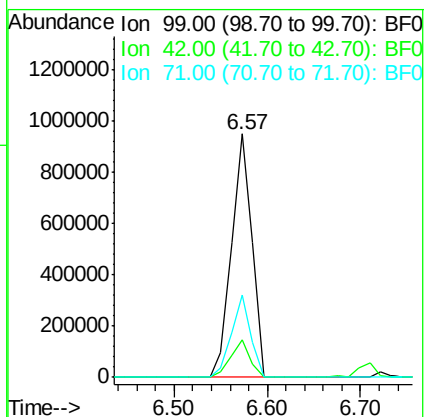
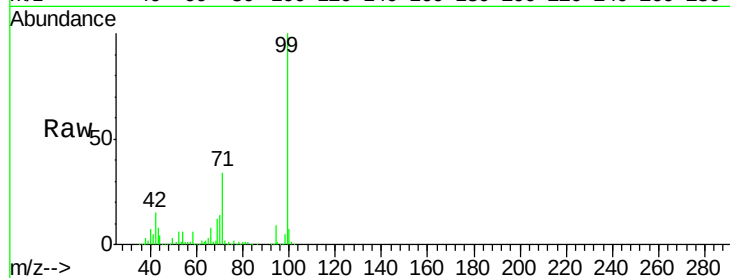
42 15.4 13.6 20.4

71 33.7 26.7 40.1

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#8

2-Chlorophenol

Concen: 42.99 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

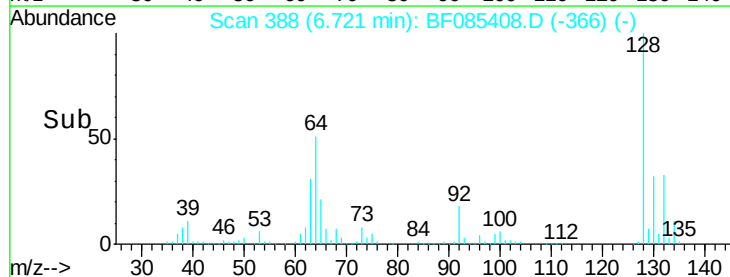
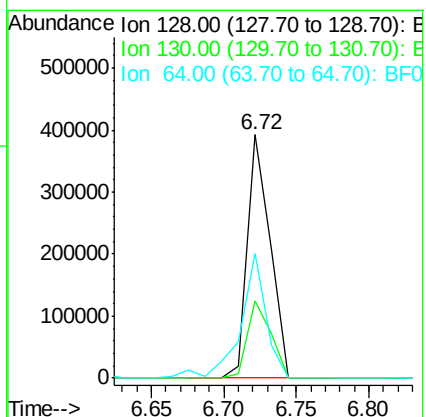
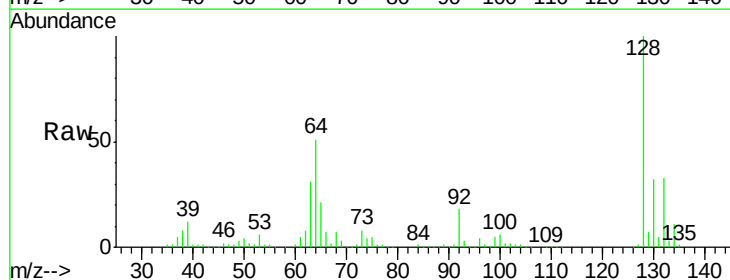
Tgt Ion: 128 Resp: 425471

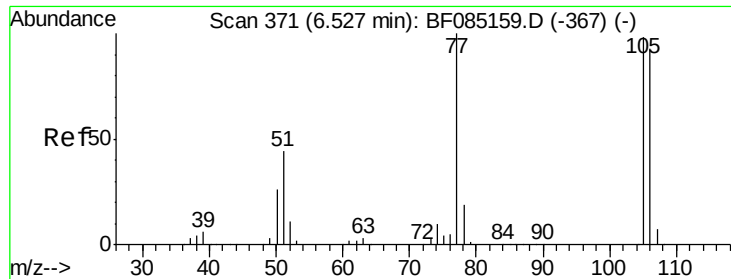
Ion Ratio Lower Upper

128 100

130 31.9 13.3 53.3

64 51.1 25.7 65.7





#9

Benzaldehyde

Concen: 23.63 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

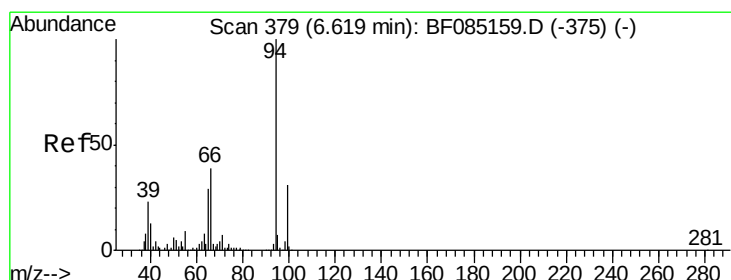
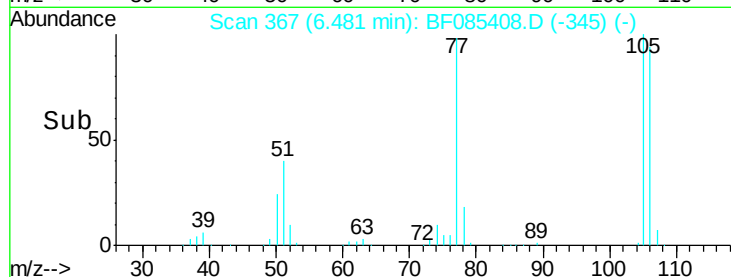
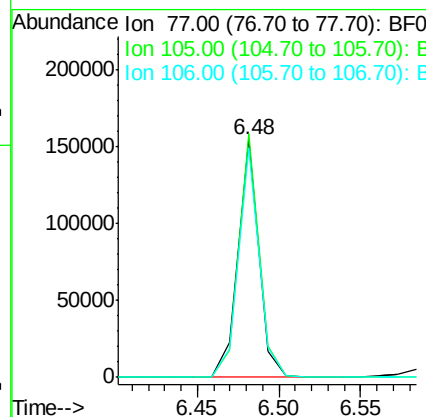
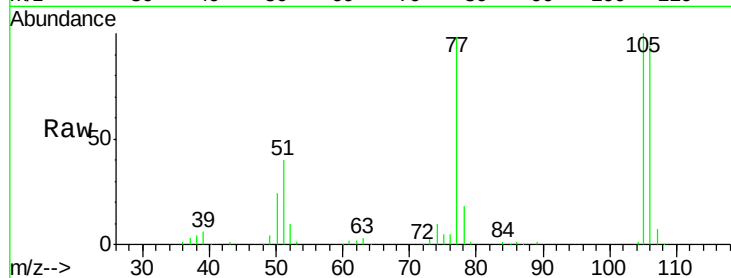
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:	77	Resp:	134465
Ion Ratio	Lower	Upper	
77	100		
105	102.3	78.2	118.2
106	96.3	72.9	112.9

Manual Integrations
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#10

Phenol

Concen: 39.38 ng m

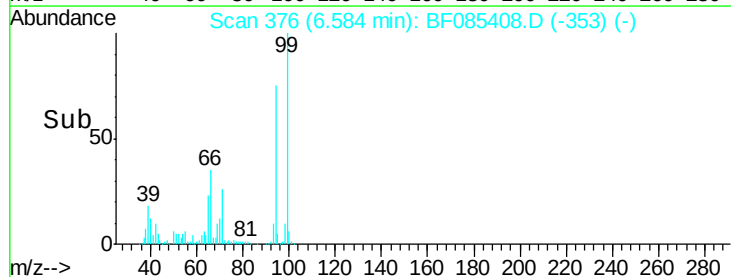
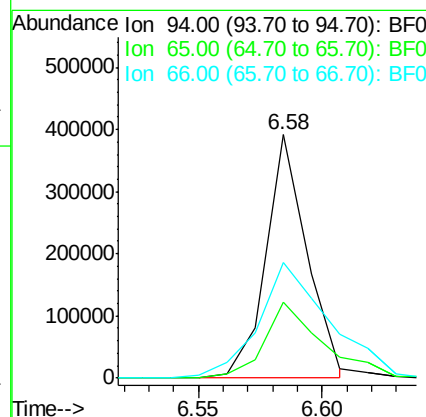
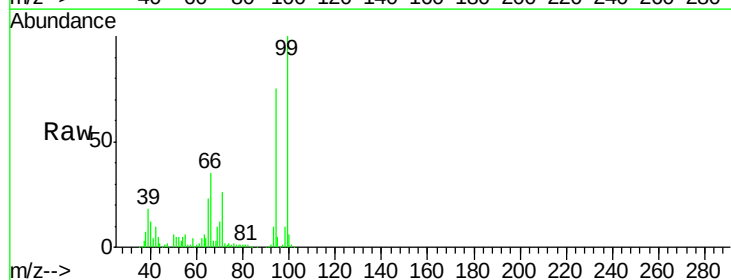
RT: 6.58 min Scan# 376

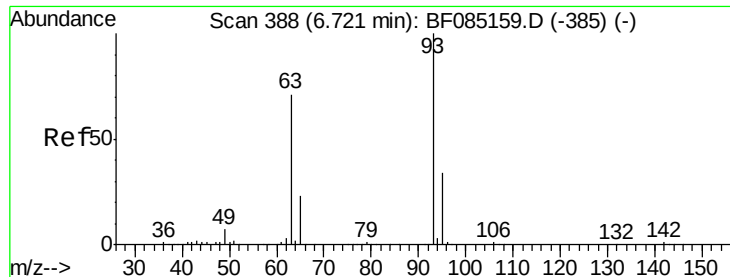
Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Tgt Ion:	94	Resp:	454281
Ion Ratio	Lower	Upper	
94	100		
65	31.3	9.1	49.1
66	47.3	19.3	59.3





#11

bis(2-Chloroethyl)ether

Concen: 47.25 ng

RT: 6.68 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

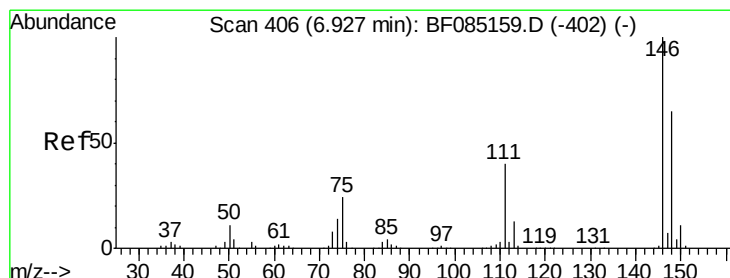
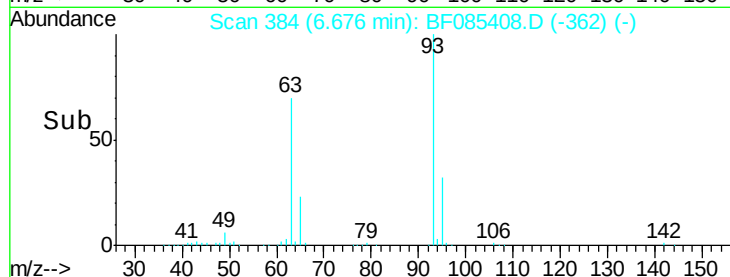
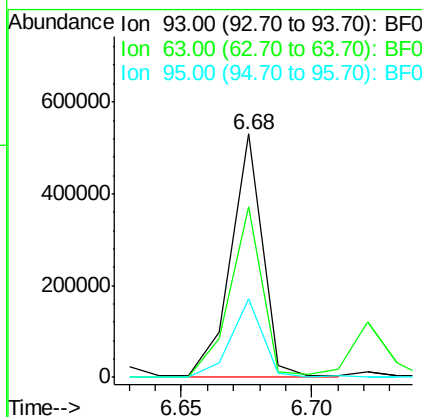
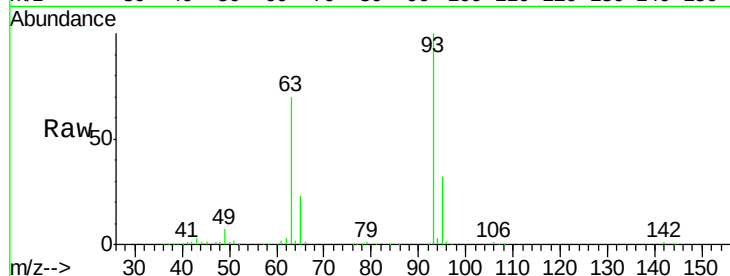
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:	93	Resp:	452690
Ion Ratio	Lower	Upper	
93	100		
63	69.9	50.9	90.9
95	32.4	13.7	53.7

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#12

1,3-Dichlorobenzene

Concen: 47.52 ng

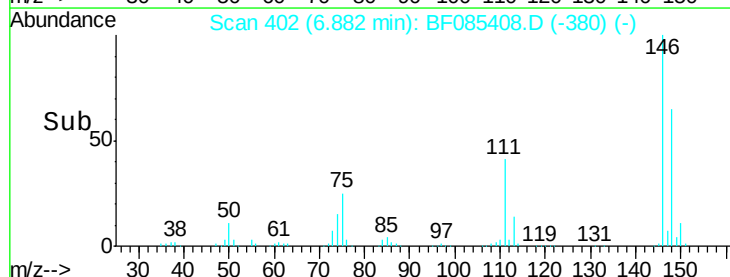
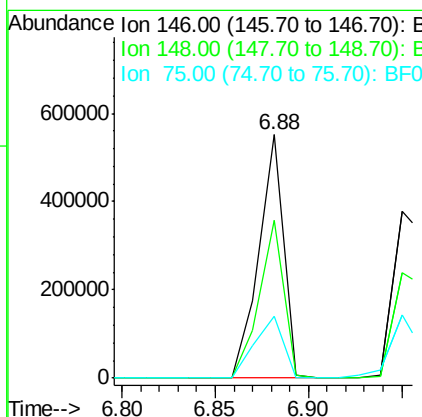
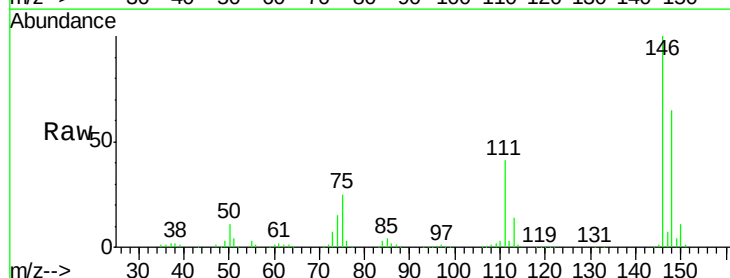
RT: 6.88 min Scan# 402

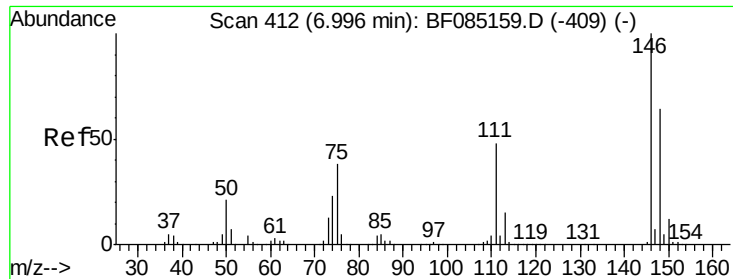
Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Tgt Ion:	146	Resp:	504907
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.1	78.1
75	25.4	19.5	29.3





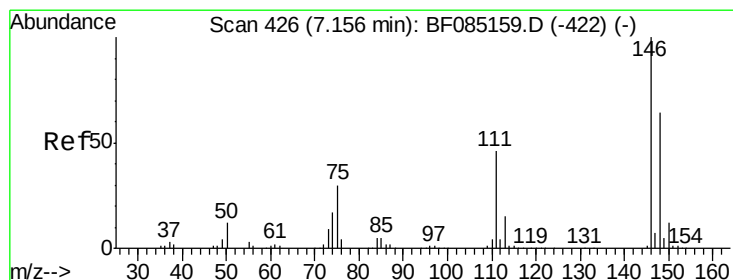
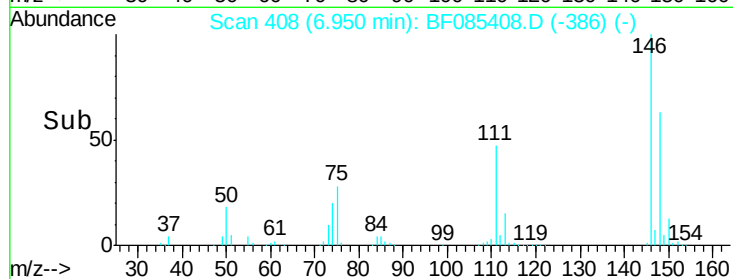
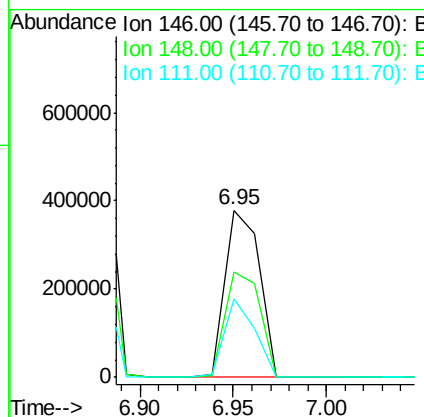
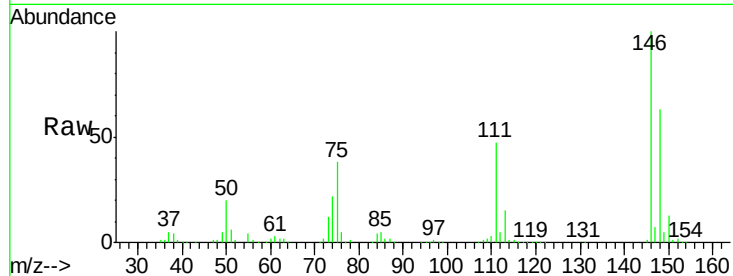
#13
 1,4-Dichlorobenzene
 Concen: 45.92 ng
 RT: 6.95 min Scan# 408
 Delta R.T. -0.05 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	488941		
148	62.9	51.3	76.9	
111	47.2	38.4	57.6	

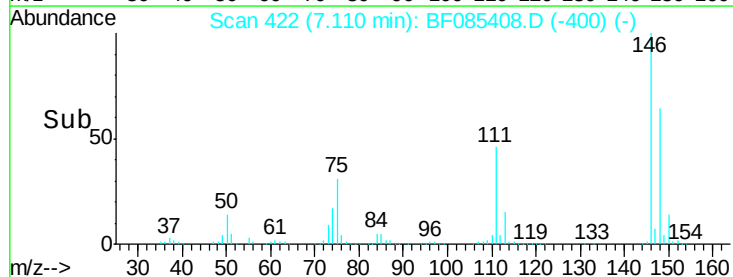
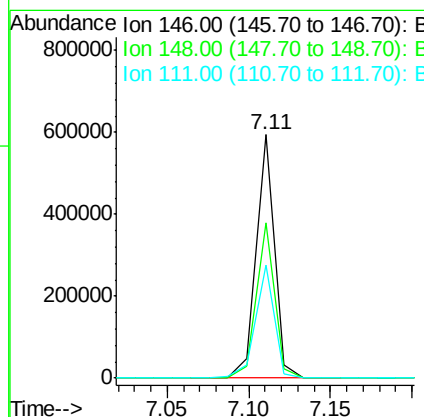
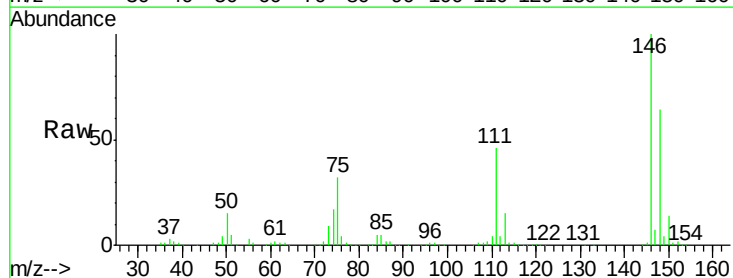
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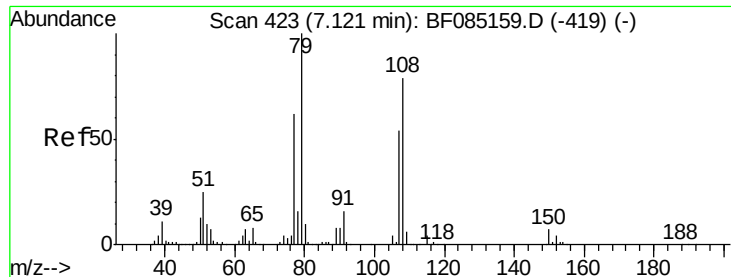
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#14
 1,2-Dichlorobenzene
 Concen: 48.01 ng
 RT: 7.11 min Scan# 422
 Delta R.T. -0.05 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	463805		
148	63.8	51.4	77.2	
111	46.3	36.7	55.1	





#15

Benzyl Alcohol

Concen: 51.37 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

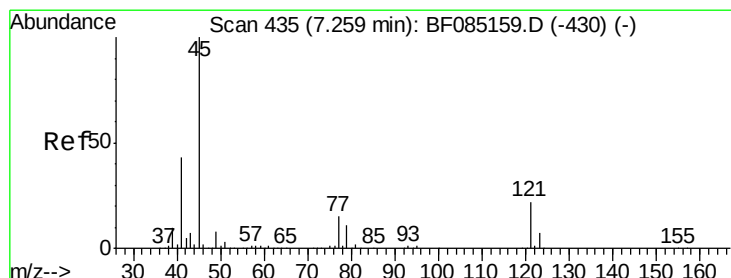
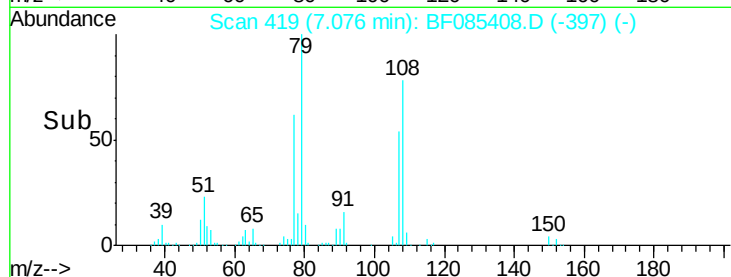
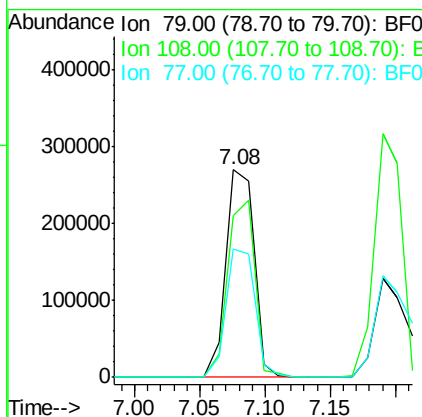
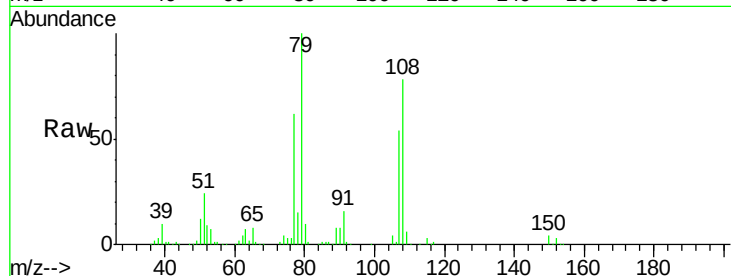
W170TH-SB-19-COMP(0.5-3.0)MSD

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Tgt Ion:	79	Resp:	406118
Ion Ratio	Lower	Upper	
79	100		
108	78.1	62.9	94.3
77	61.8	49.5	74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.51 ng

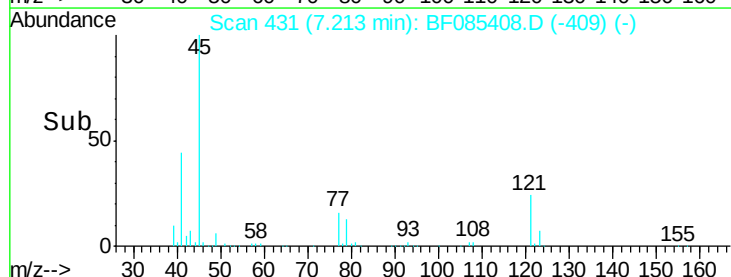
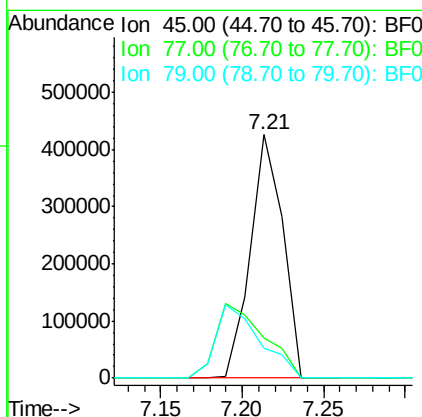
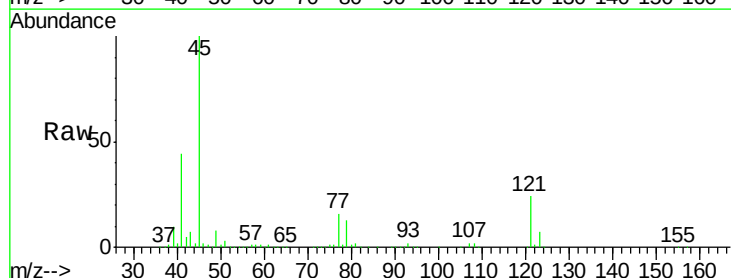
RT: 7.21 min Scan# 431

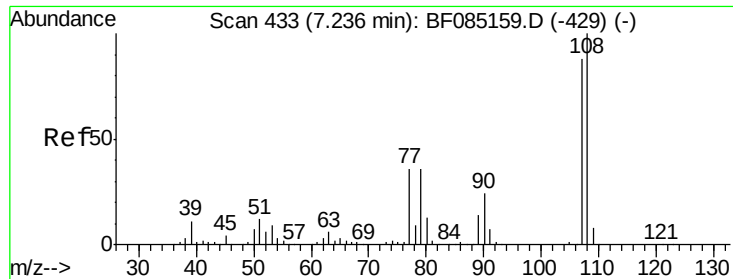
Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Tgt Ion:	45	Resp:	587082
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	35.1
79	12.5	0.0	31.3





#17

2-Methylphenol

Concen: 50.64 ng

RT: 7.19 min Scan# 429

Delta R.T. -0.05 min

Lab File: BF085408.D

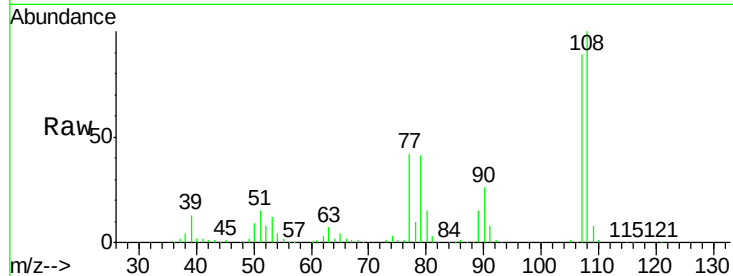
Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

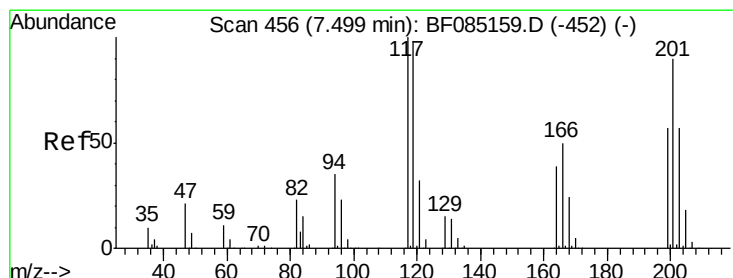
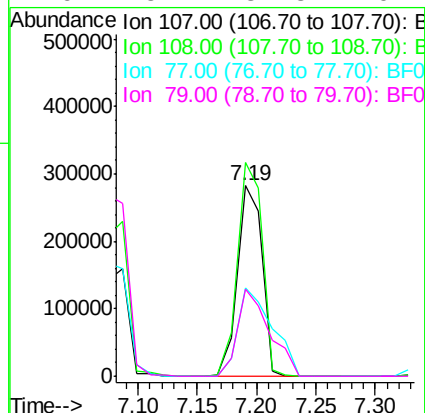
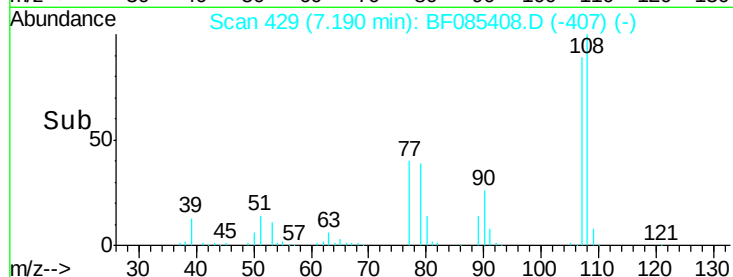
W170TH-SB-19-COMP(0.5-3.0)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	408897		
108	112.1	90.9	136.3	
77	46.6	32.6	48.8	
79	45.4	32.8	49.2	

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#18

Hexachloroethane

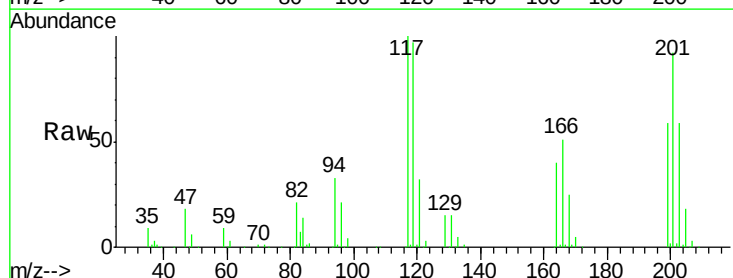
Concen: 43.29 ng

RT: 7.45 min Scan# 452

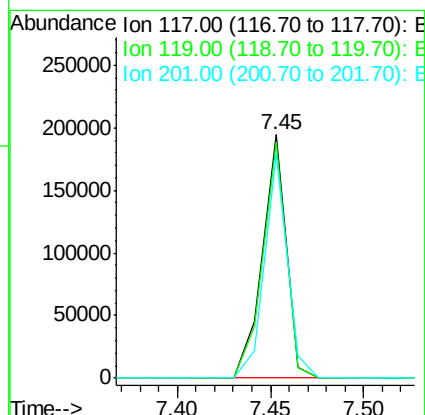
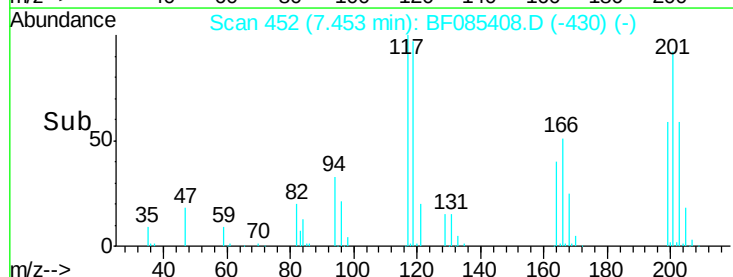
Delta R.T. -0.05 min

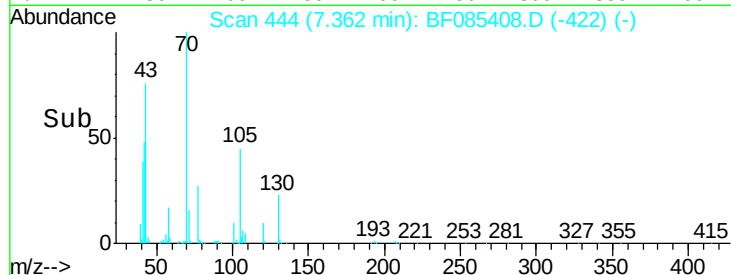
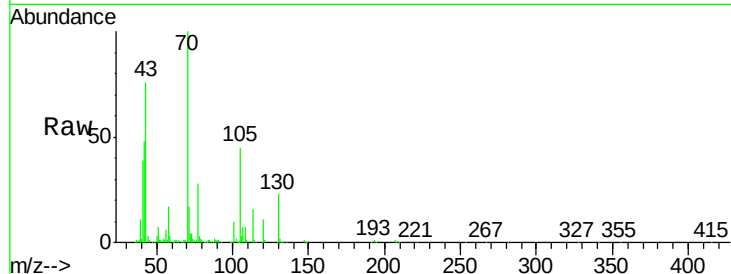
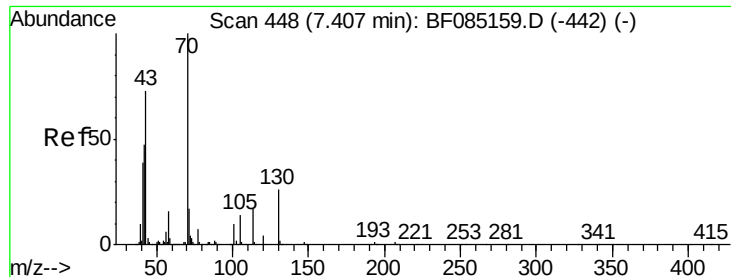
Lab File: BF085408.D

Acq: 12 Mar 2016 9:25



Tgt Ion	Ratio	Resp	Lower	Upper
117	100	170067		
119	97.1	78.2	117.4	
201	92.2	72.0	108.0	





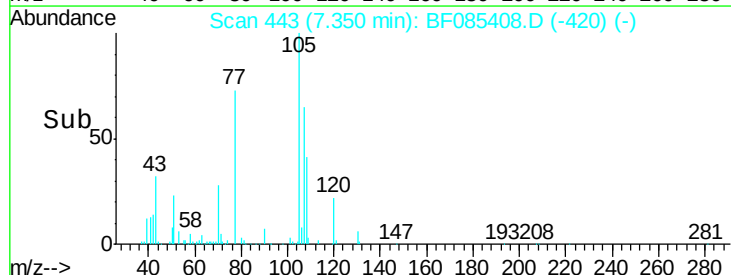
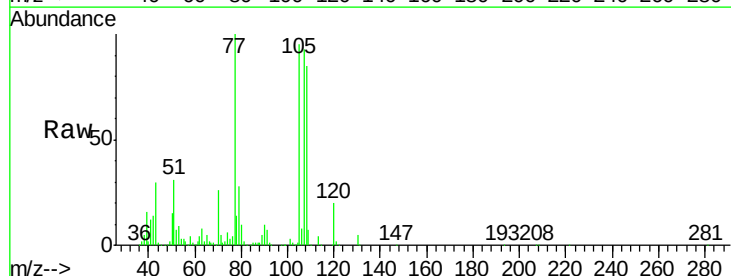
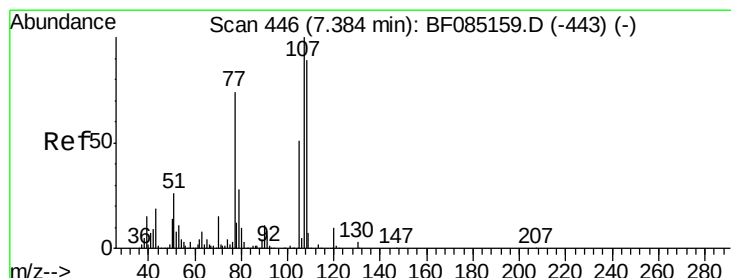
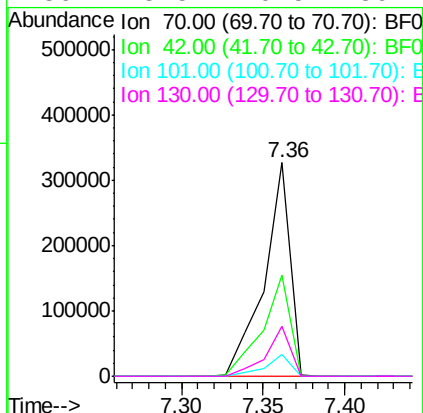
#19
n-Nitroso-di-n-propylamine
Concen: 51.52 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-19-COMP(0.5-3.0)MSD

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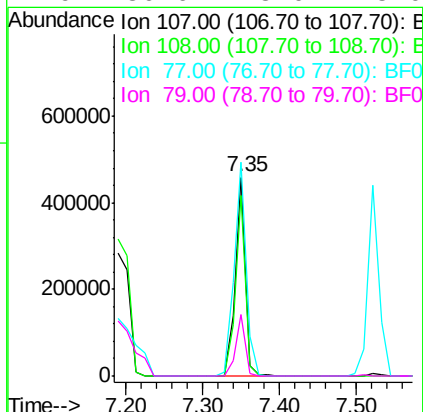
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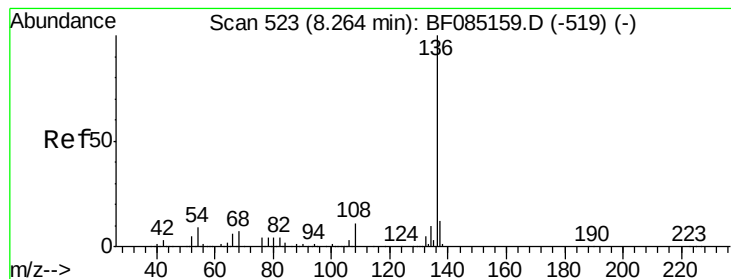
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		361666		
42	47.6	37.7	56.5		
101	10.3	8.2	12.4		
130	23.5	20.5	30.7		



#20
3+4-Methylphenols
Concen: 45.36 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		433881		
108	91.0	68.8	108.8		
77	107.6	53.6	93.6		
79	30.6	8.0	48.0		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085408.D

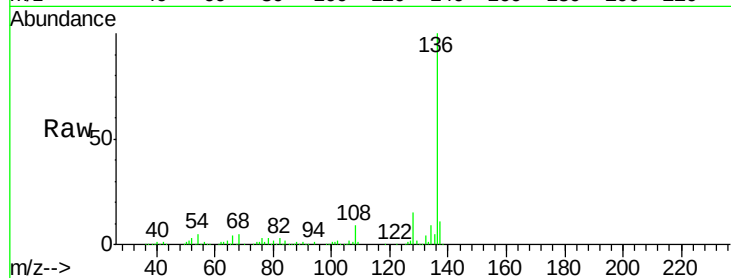
Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD



Tgt Ion:136 Resp: 526251

Ion Ratio Lower Upper

136 100

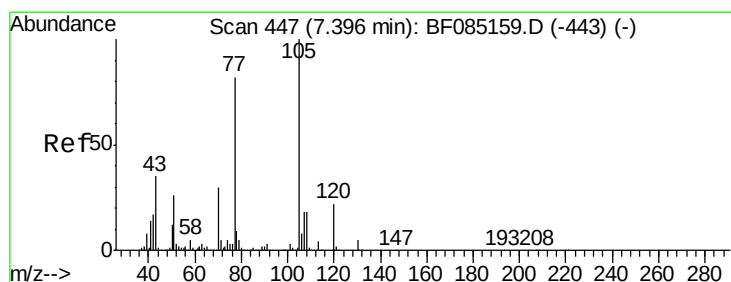
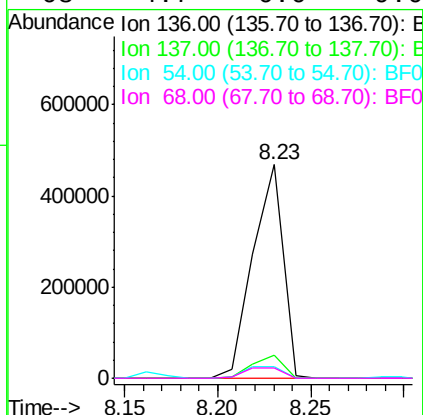
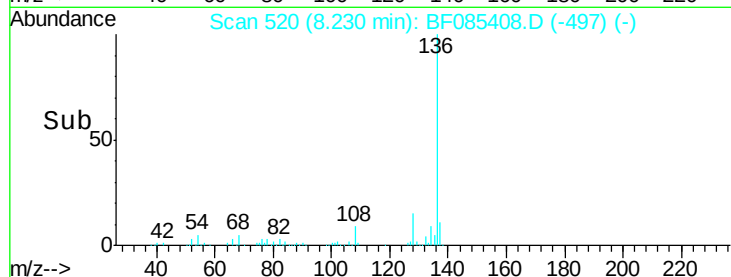
137 10.6 9.3 13.9

54 5.2 7.4 11.2#

68 4.7 6.0 9.0#

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#22

Acetophenone

Concen: 44.79 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Tgt Ion:105 Resp: 575335

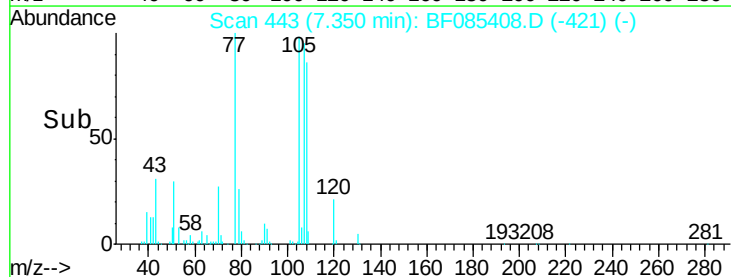
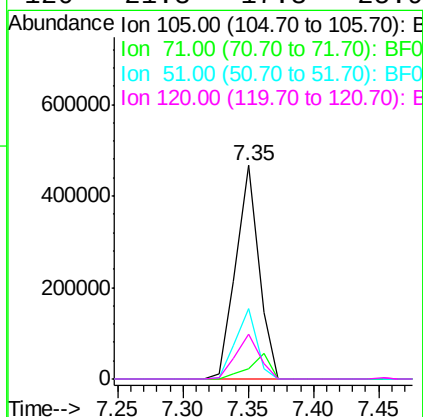
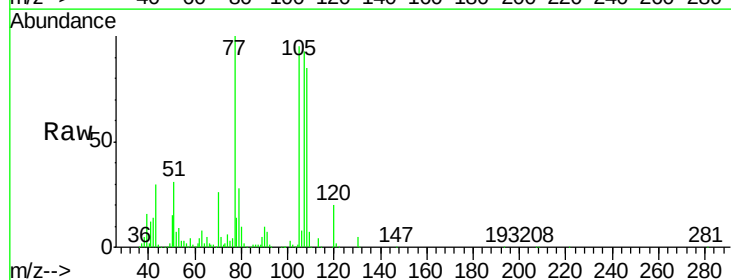
Ion Ratio Lower Upper

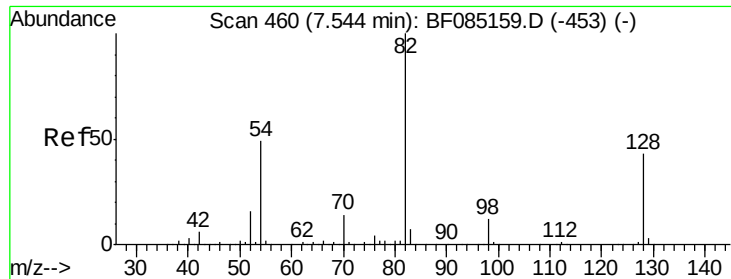
105 100

71 4.8 4.1 6.1

51 32.8 21.1 31.7#

120 21.3 17.3 25.9





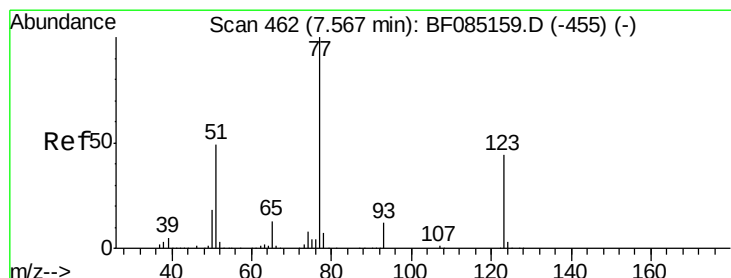
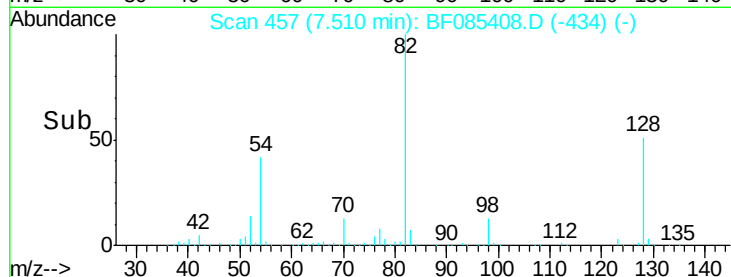
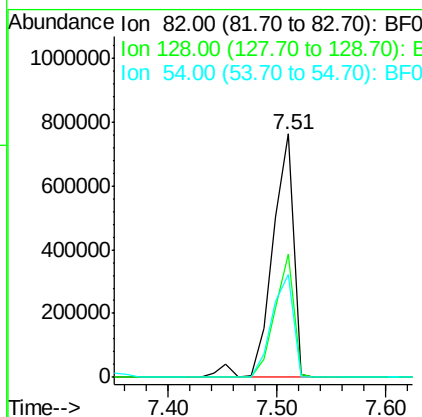
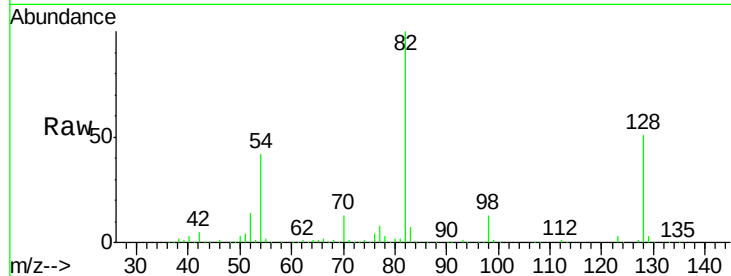
#23
 Nitrobenzene-d5
 Concen: 103.73 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion: 82 Resp: 1020079
 Ion Ratio Lower Upper
 82 100
 128 50.6 34.5 51.7
 54 42.3 39.3 58.9

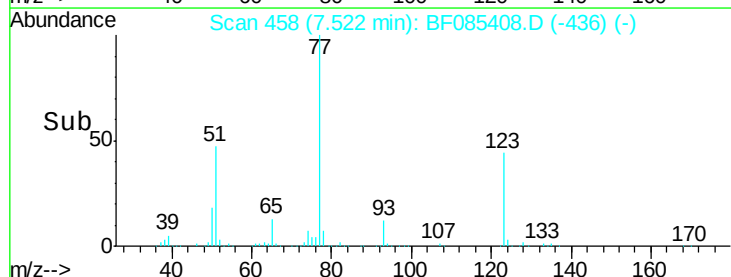
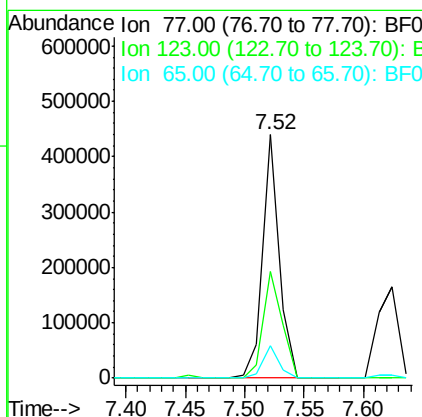
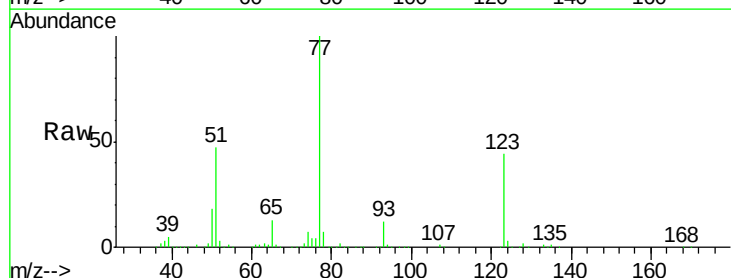
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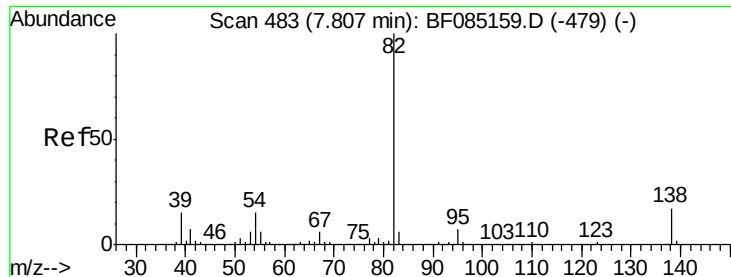
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#24
 Nitrobenzene
 Concen: 43.30 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Tgt Ion: 77 Resp: 432527
 Ion Ratio Lower Upper
 77 100
 123 43.7 35.4 53.2
 65 13.3 10.6 16.0





#25

Isophorone

Concen: 47.66 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

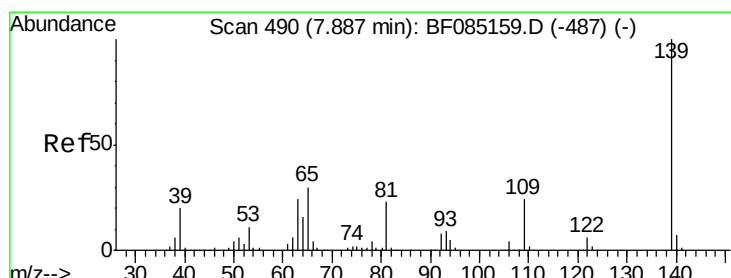
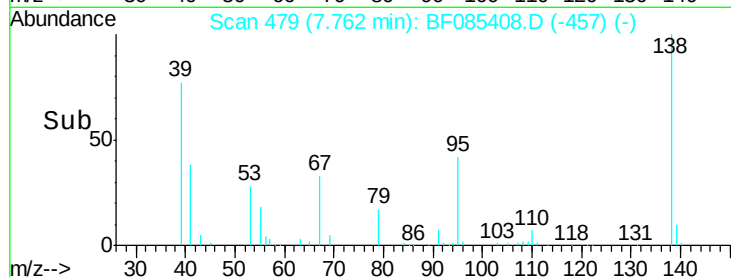
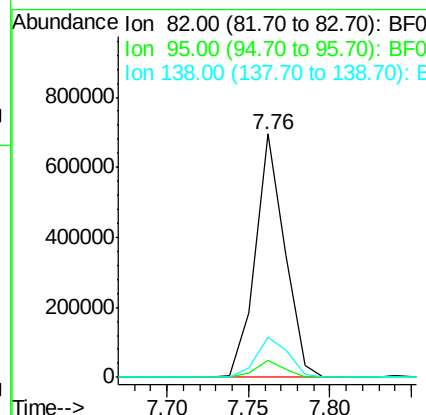
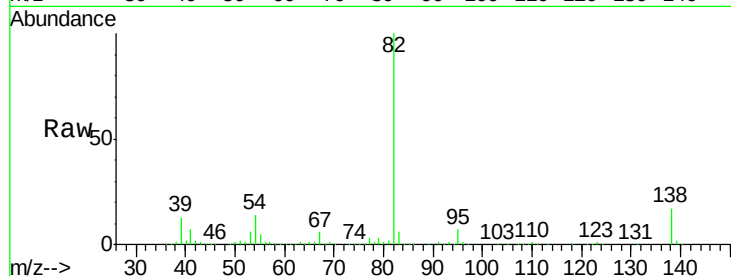
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:	82	Resp:	868524
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.4	8.2
138	16.6	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 55.95 ng

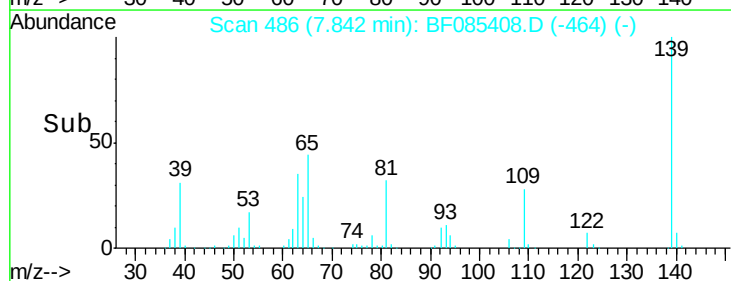
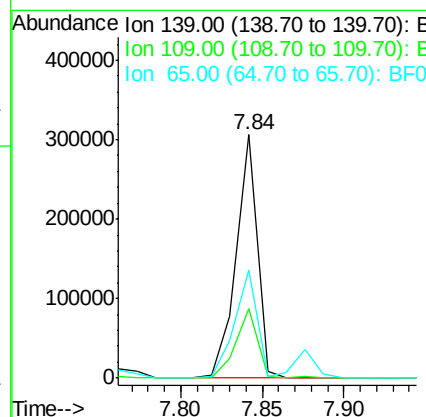
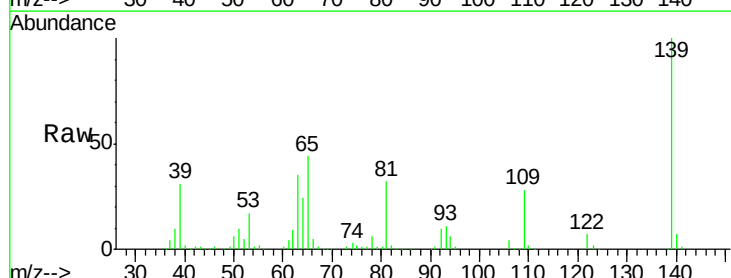
RT: 7.84 min Scan# 486

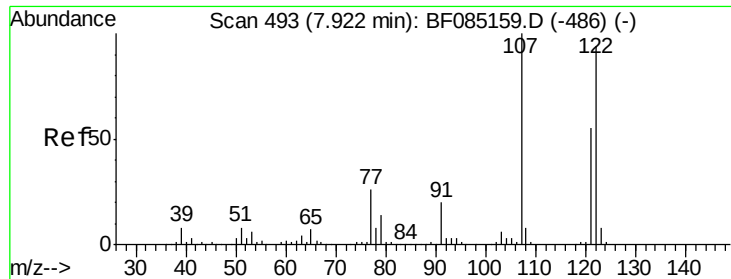
Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Tgt Ion:	139	Resp:	271983
Ion Ratio		Lower	Upper
139	100		
109	28.5	19.1	28.7
65	44.5	23.9	35.9





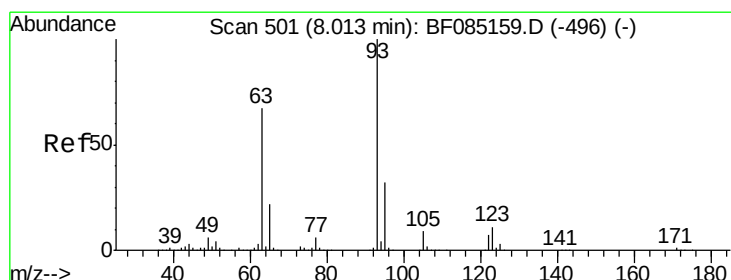
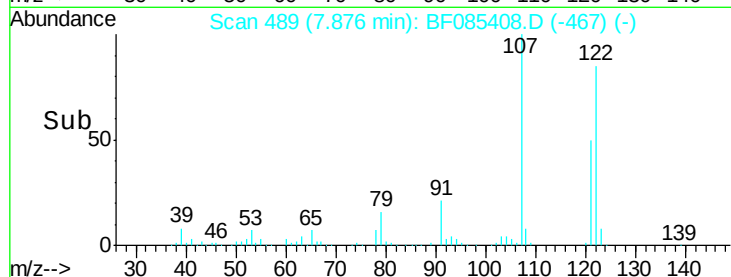
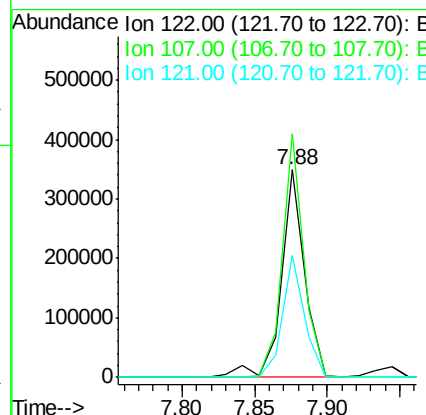
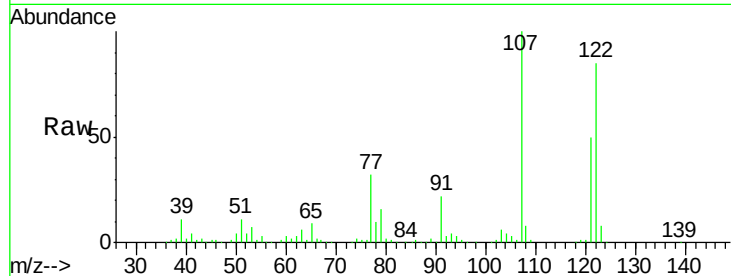
#27
2,4-Dimethylphenol
Concen: 43.58 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.05 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	387206		
107	117.5	84.8	127.2	
121	59.0	47.0	70.6	

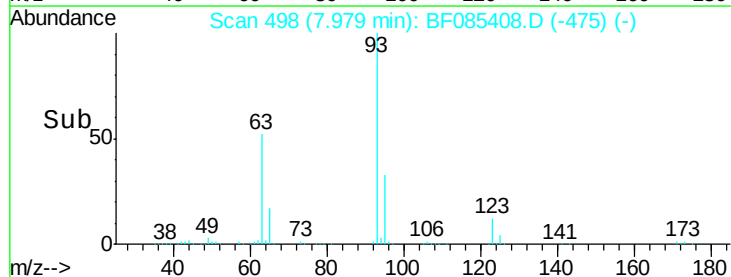
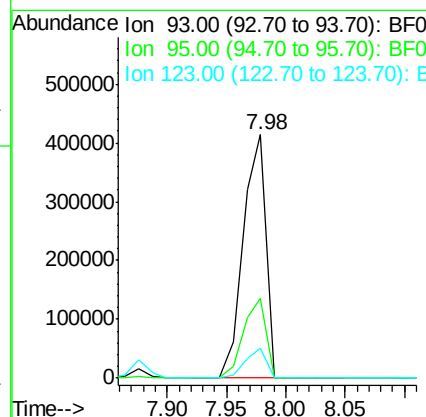
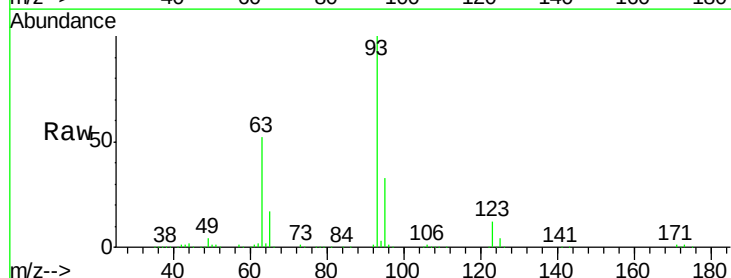
Manual Integrations
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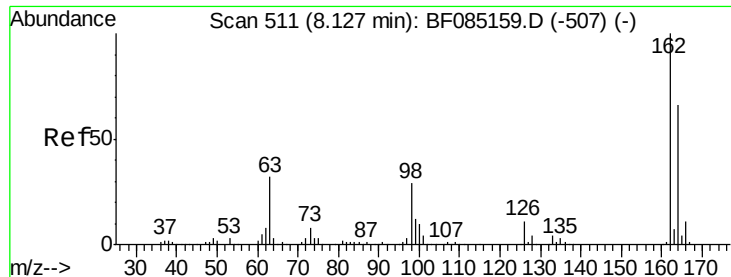
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#28
bis(2-Chloroethoxy)methane
Concen: 53.95 ng
RT: 7.98 min Scan# 498
Delta R.T. -0.03 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	547568		
95	33.0	25.9	38.9	
123	12.3	8.8	13.2	





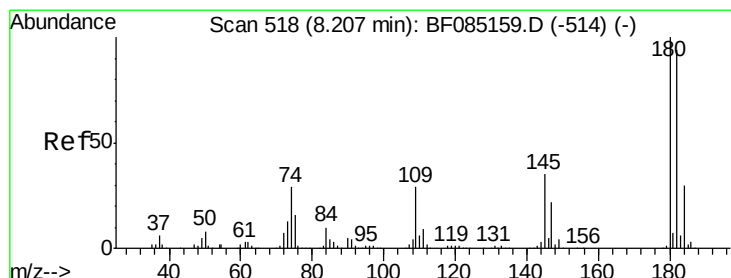
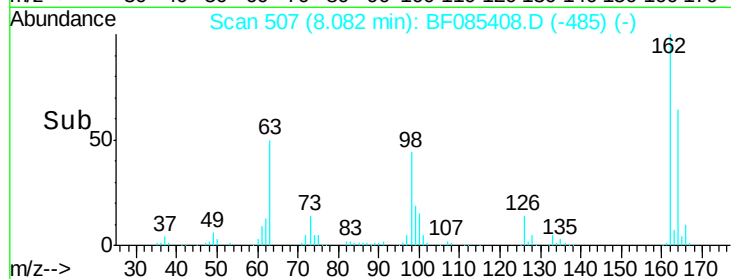
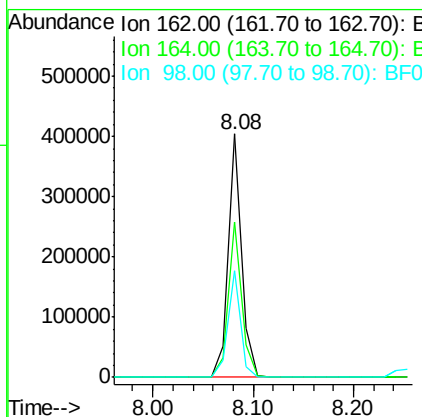
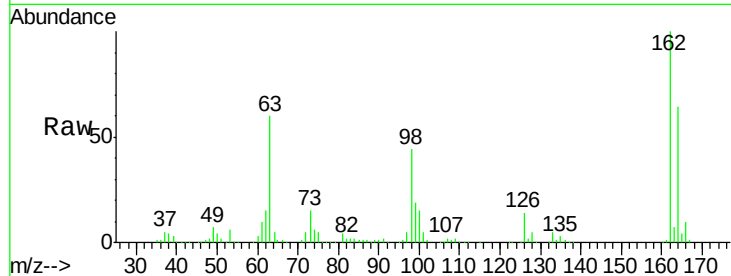
#29
 2,4-Dichlorophenol
 Concen: 52.13 ng
 RT: 8.08 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	373500		
164	63.7	45.7	85.7	
98	43.8	9.4	49.4	

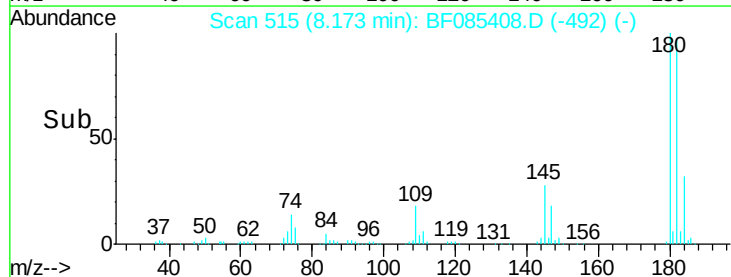
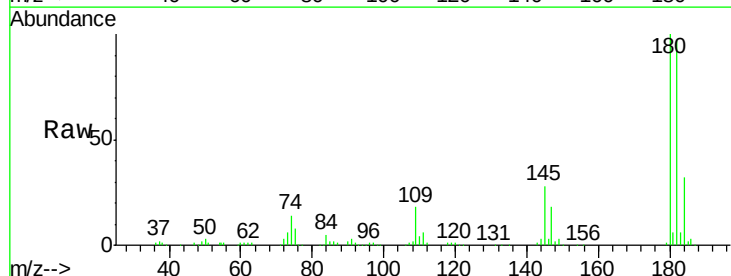
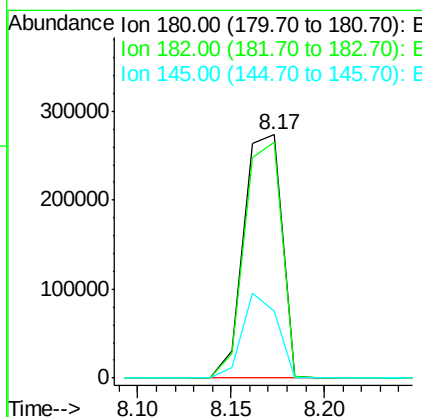
Manual Integrations
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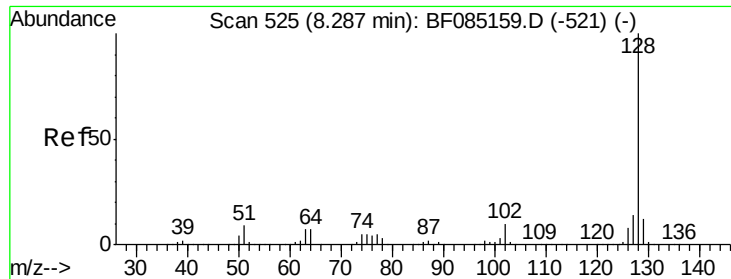
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#30
 1,2,4-Trichlorobenzene
 Concen: 50.43 ng
 RT: 8.17 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	390642		
182	97.1	74.9	112.3	
145	27.8	27.9	41.9#	





#31

Naphthalene

Concen: 49.98 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:128 Resp: 1293323

Ion Ratio Lower Upper

128 100

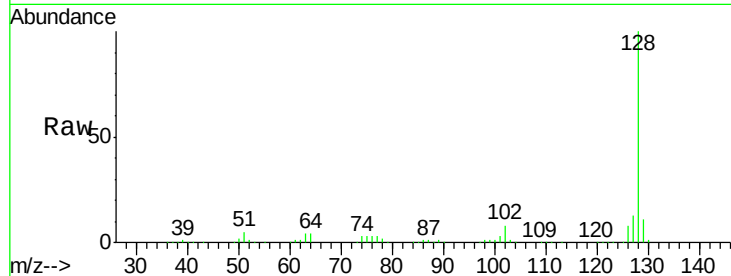
129 11.0 9.7 14.5

127 13.3 11.2 16.8

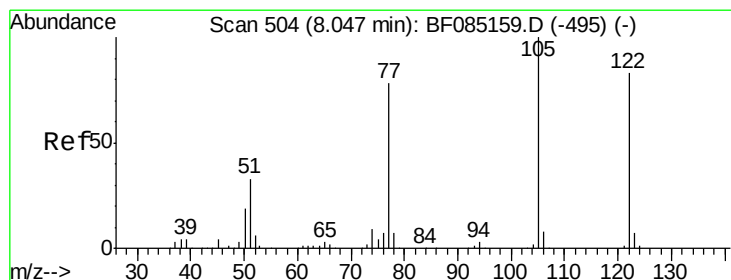
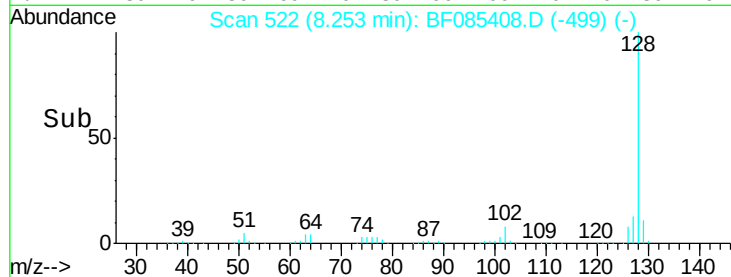
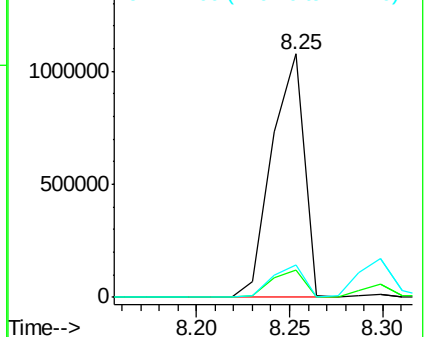
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.83 ng

RT: 7.94 min Scan# 495

Delta R.T. -0.10 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

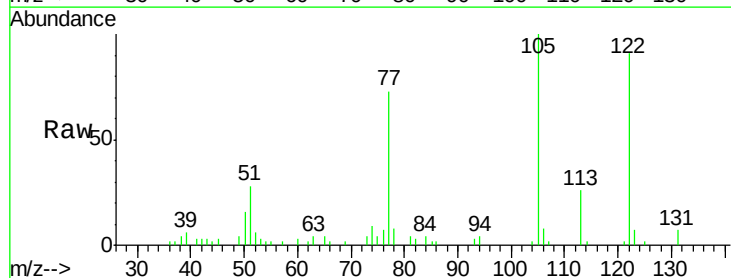
Tgt Ion:122 Resp: 22622

Ion Ratio Lower Upper

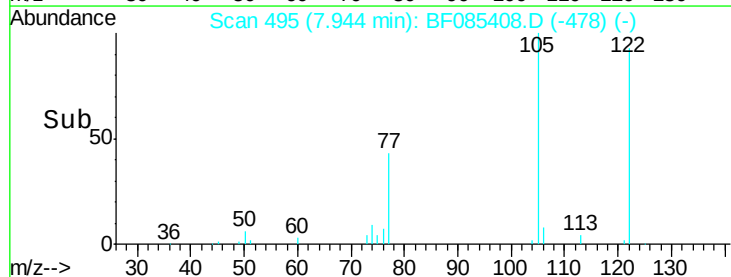
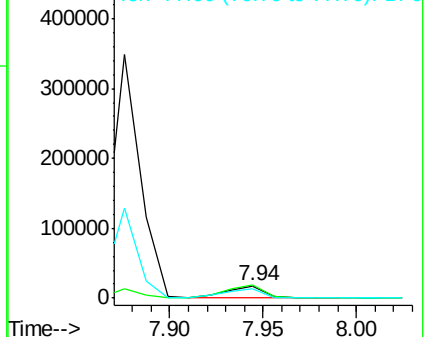
122 100

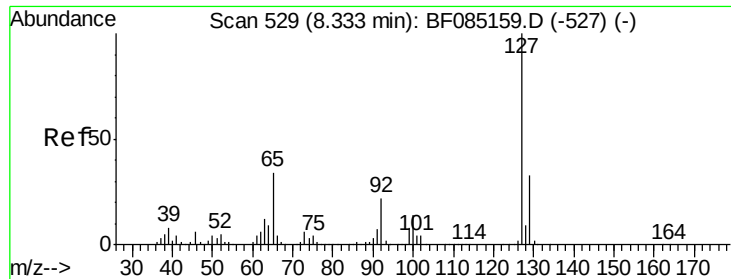
105 109.9 101.3 141.3

77 79.9 74.7 114.7



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





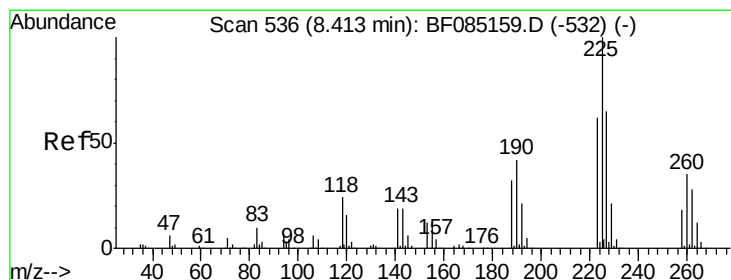
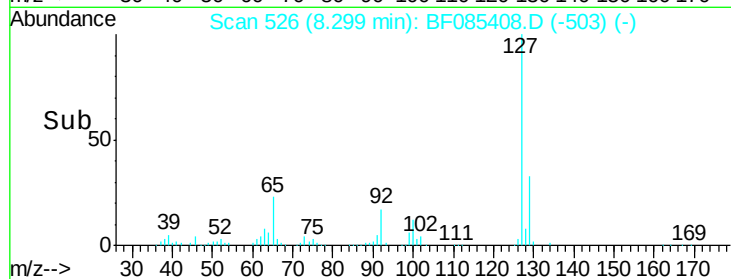
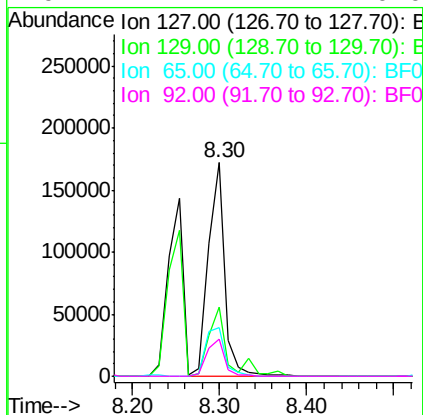
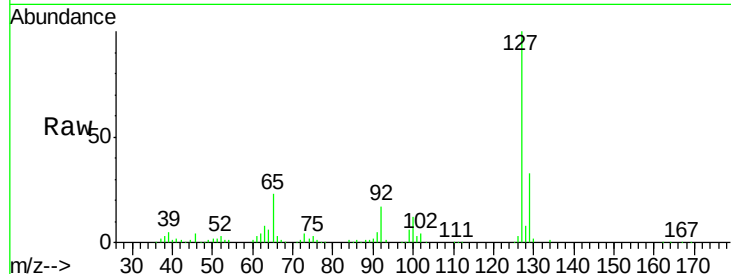
#33
4-Chloroaniline
Concen: 21.66 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	226749		
129	32.5	26.1	39.1	
65	23.1	27.0	40.6	
92	17.2	17.4	26.0	

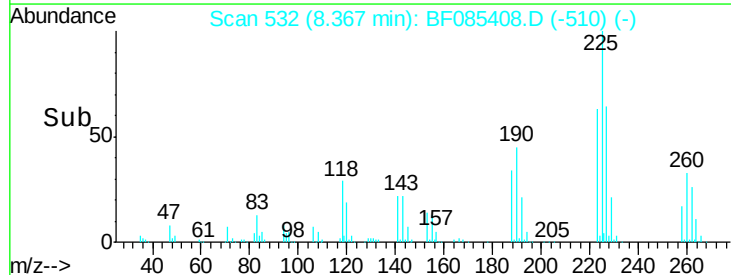
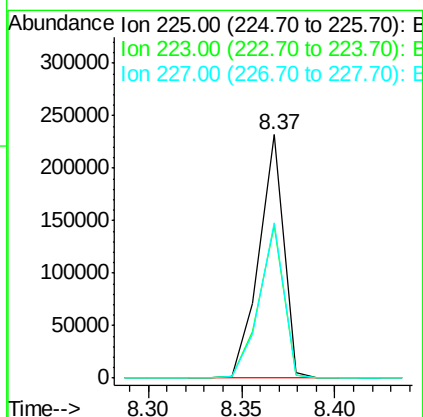
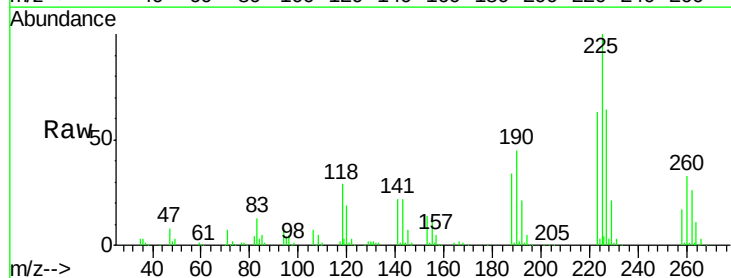
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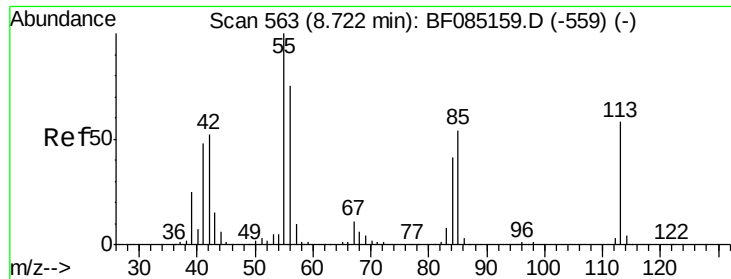
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#34
Hexachlorobutadiene
Concen: 52.64 ng
RT: 8.37 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	212172		
223	62.7	49.7	74.5	
227	63.8	52.2	78.4	





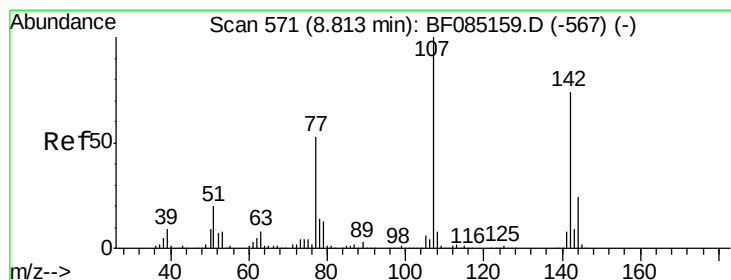
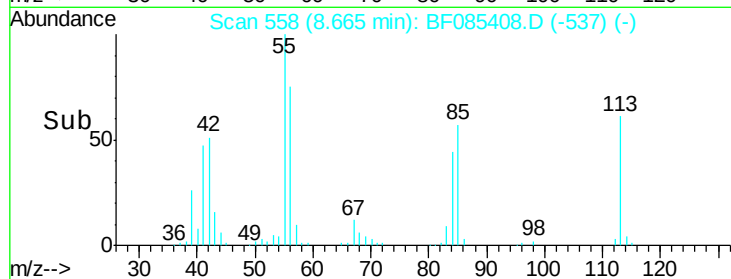
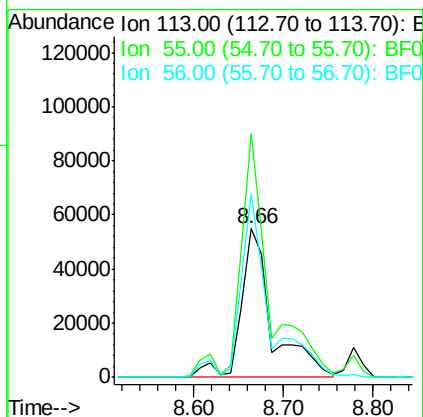
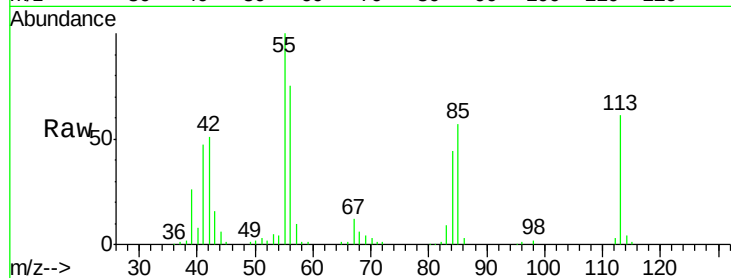
#35
 Caprolactam
 Concen: 56.74 ng m
 RT: 8.66 min Scan# 558
 Delta R.T. -0.06 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:113 Resp: 132778
 Ion Ratio Lower Upper
 113 100
 55 164.0 152.7 192.7
 56 123.3 109.0 149.0

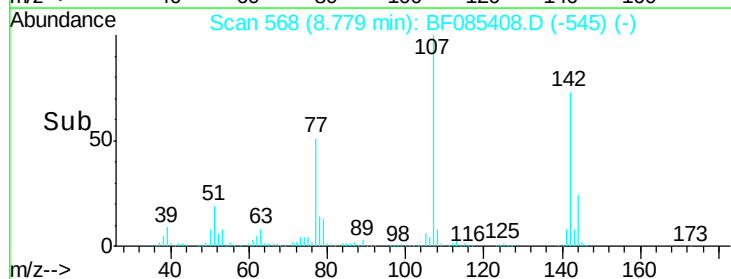
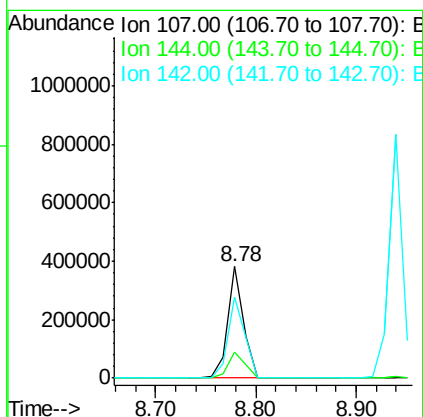
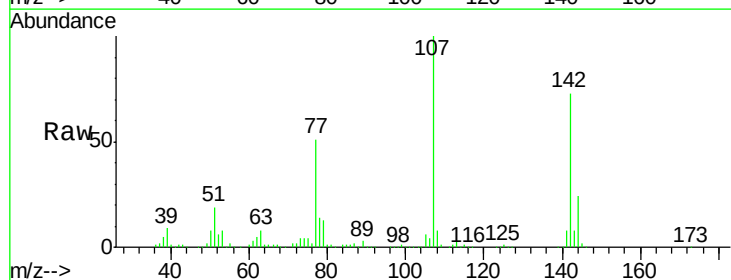
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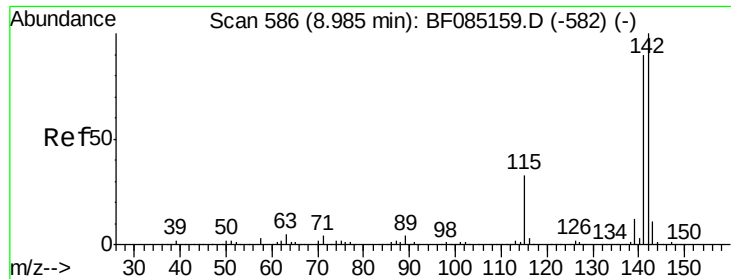
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#36
 4-Chloro-3-methylphenol
 Concen: 51.05 ng
 RT: 8.78 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Tgt Ion:107 Resp: 414968
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.4 29.2
 142 73.2 59.4 89.2





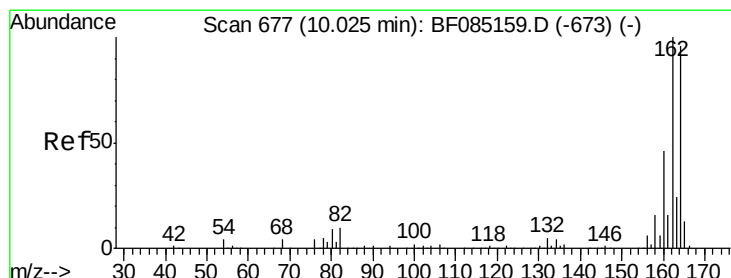
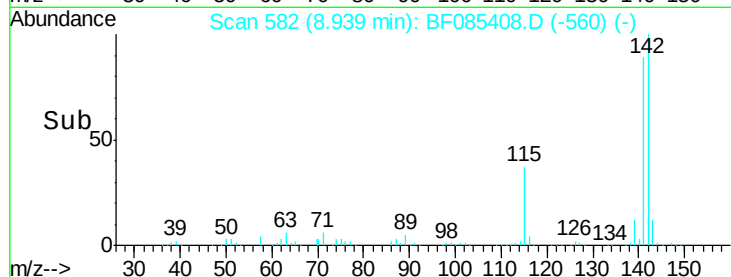
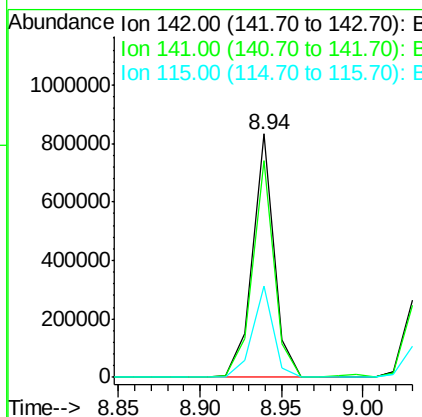
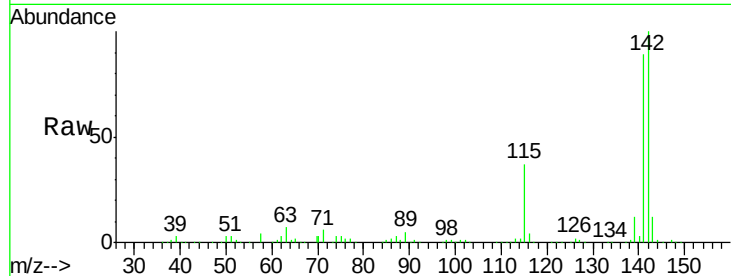
#37
 2-Methylnaphthalene
 Concen: 46.22 ng
 RT: 8.94 min Scan# 582
 Delta R.T. -0.05 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.7	107.5
115	37.4	26.2	39.4

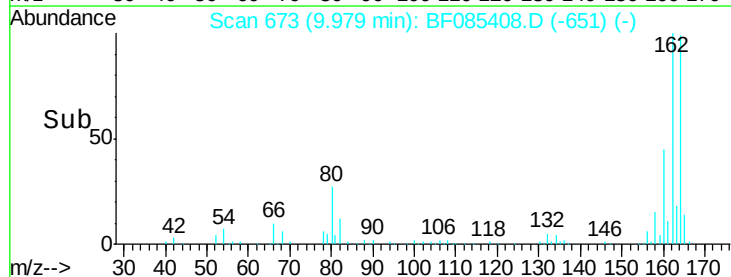
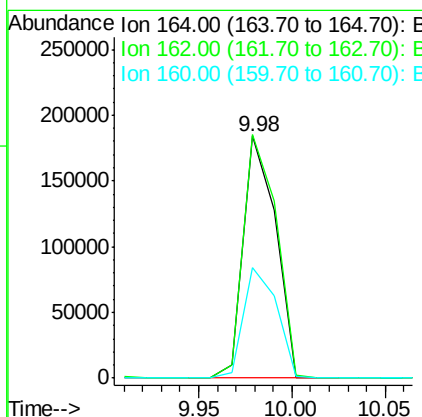
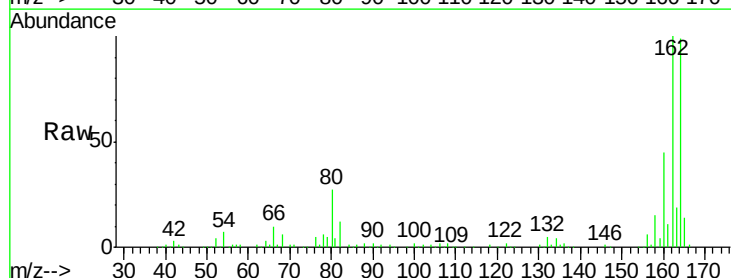
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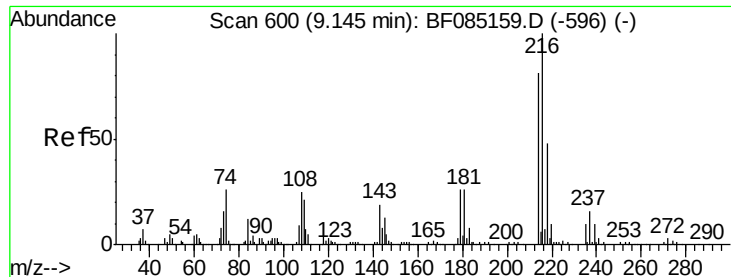
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	83.3	124.9
160	45.4	37.9	56.9





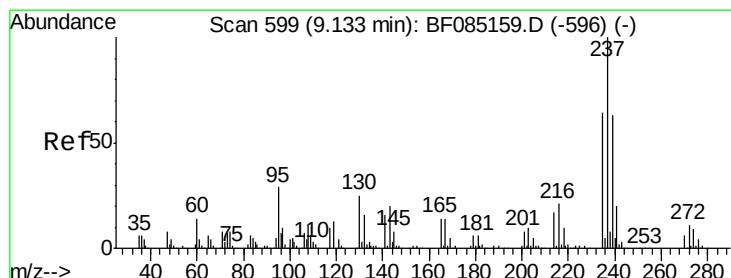
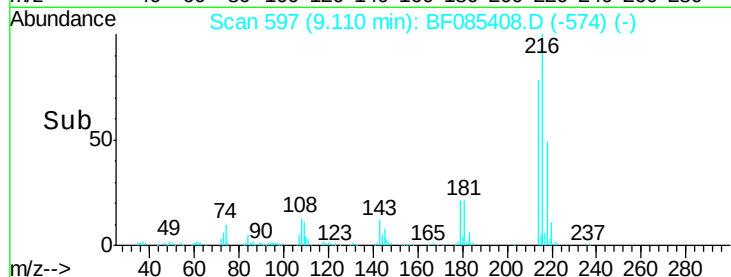
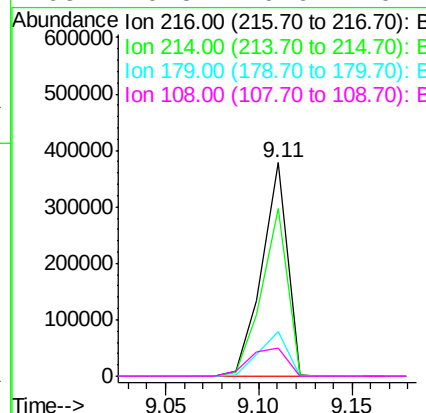
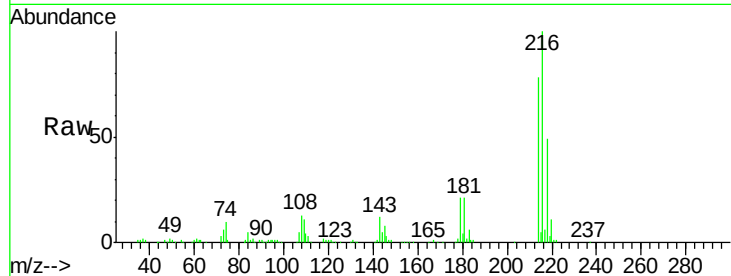
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 56.72 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	359342		
214	79.1	63.8	95.6	
179	23.0	19.6	29.4	
108	19.8	19.6	29.4	

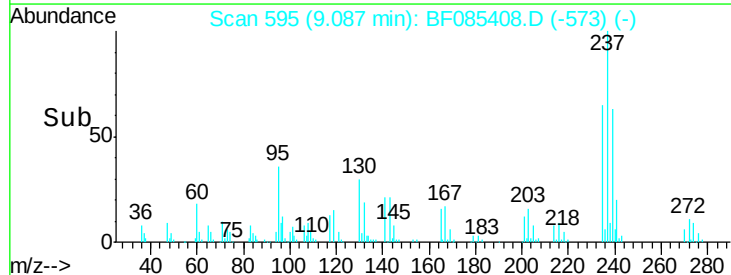
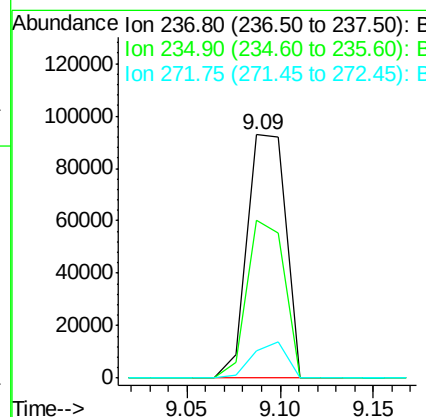
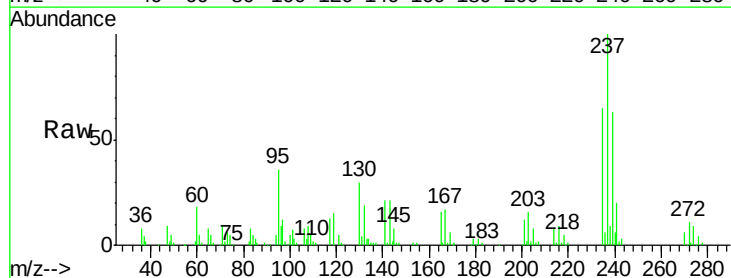
Manual Integrations
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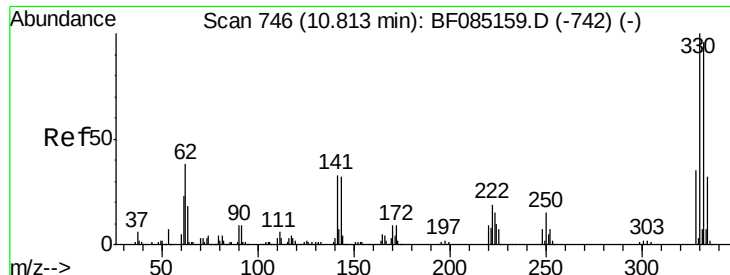
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#40
 Hexachlorocyclopentadiene
 Concen: 39.01 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.05 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	133312		
235	65.1	43.7	83.7	
272	11.0	0.0	31.5	





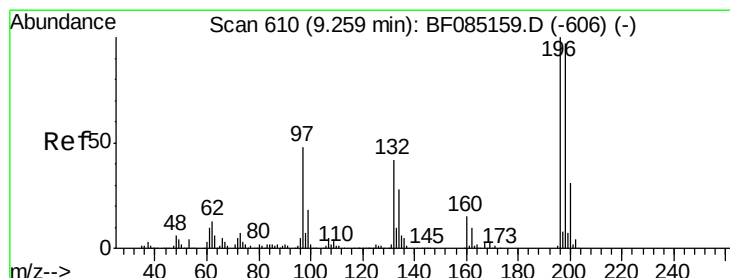
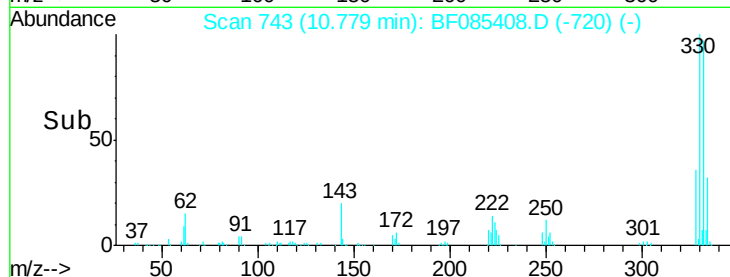
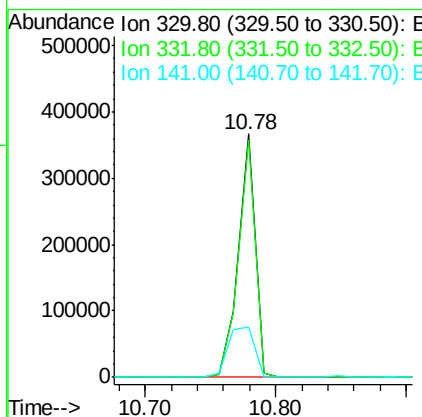
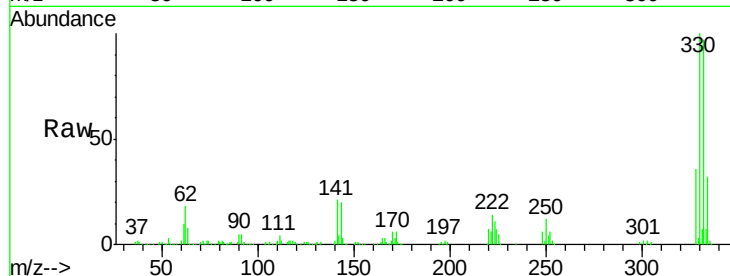
#41
 2,4,6-Tribromophenol
 Concen: 173.60 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	329067		
332	97.2	77.1	115.7	
141	32.9	35.0	52.6#	

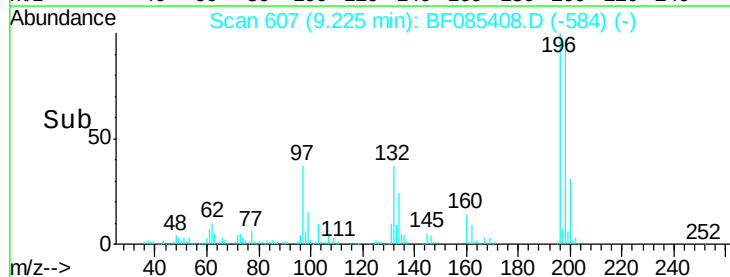
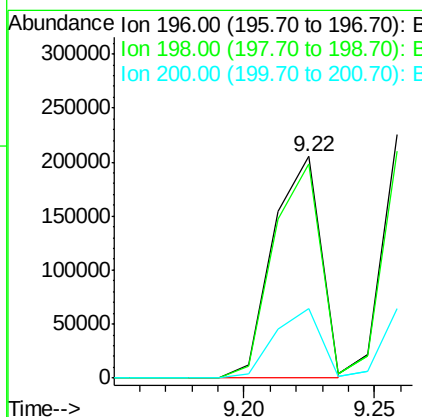
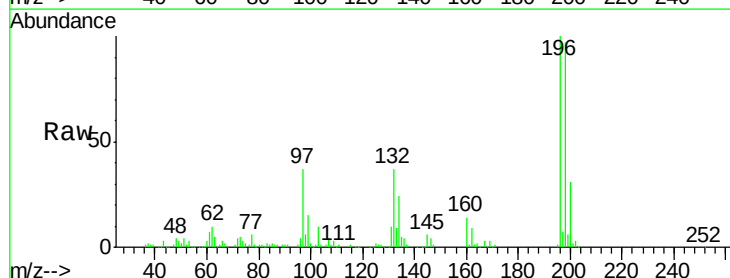
Manual Integrations
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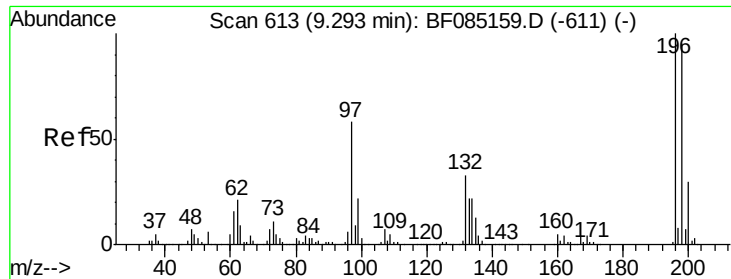
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#42
 2,4,6-Trichlorophenol
 Concen: 54.60 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

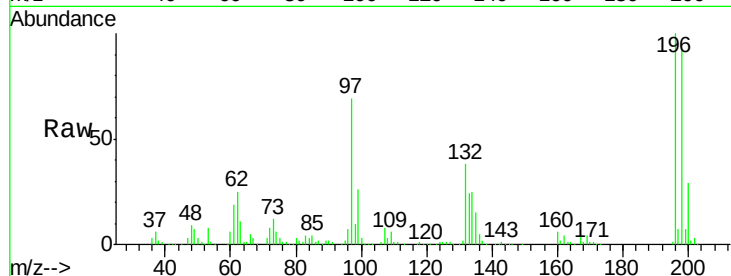
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	257519		
198	97.0	77.8	116.6	
200	31.3	25.0	37.6	





#43
 2,4,5-Trichlorophenol
 Concen: 58.89 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

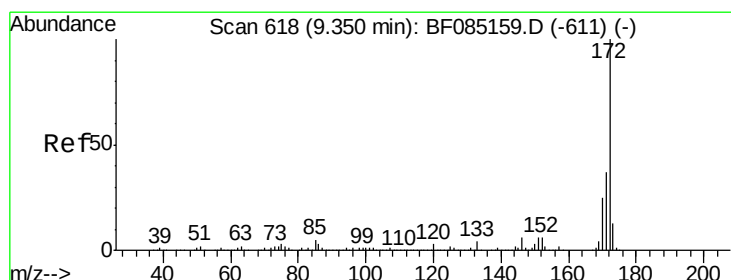
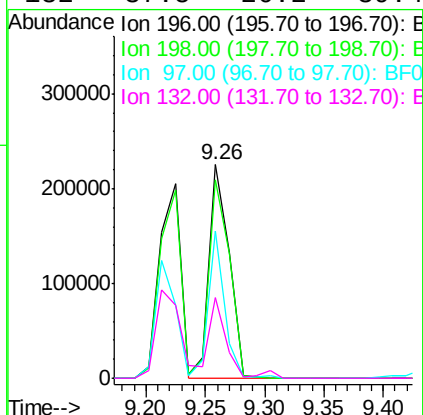
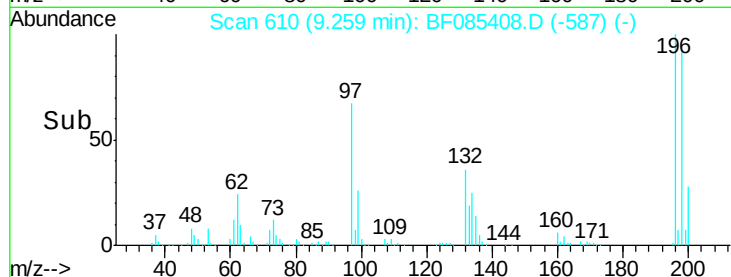
Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	263335		
198	93.0	75.7	113.5	
97	68.9	46.4	69.6	
132	37.5	26.2	39.4	

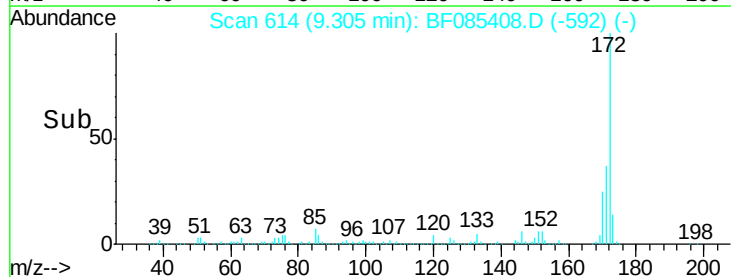
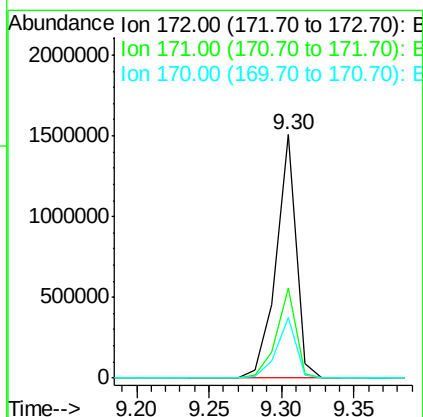
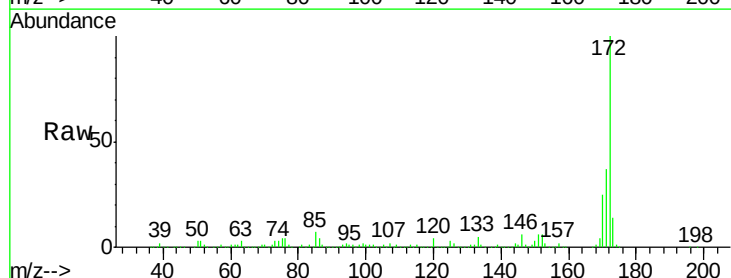
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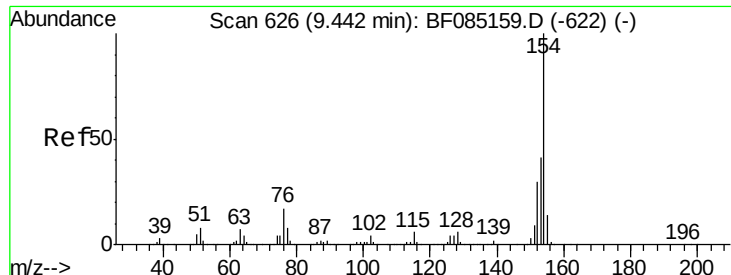
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#44
 2-Fluorobiphenyl
 Concen: 98.63 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1436638		
171	37.0	29.3	43.9	
170	25.0	20.0	30.0	





#45

1,1'-Biphenyl

Concen: 56.08 ng

RT: 9.41 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:154 Resp: 1061449

Ion Ratio Lower Upper

154 100

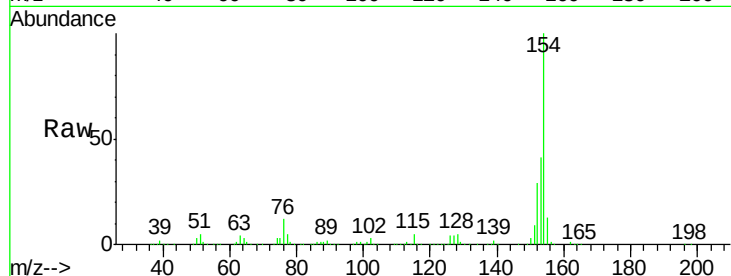
153 41.5 21.4 61.4

76 11.9 0.0 37.5

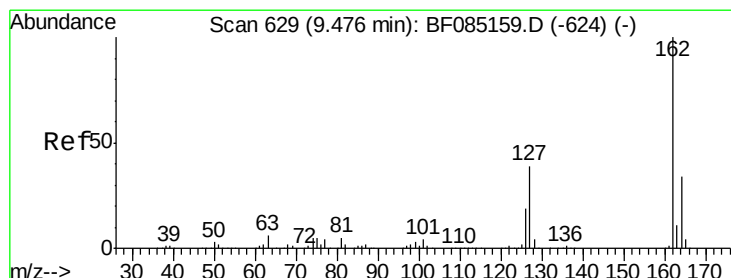
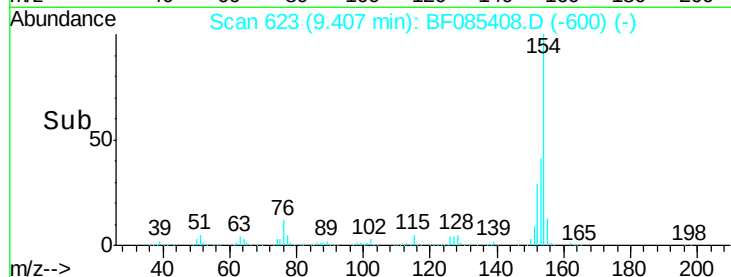
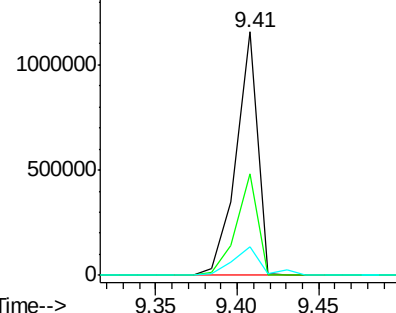
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 52.27 ng

RT: 9.43 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

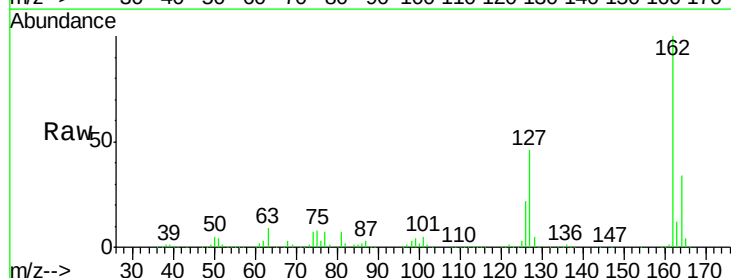
Tgt Ion:162 Resp: 754149

Ion Ratio Lower Upper

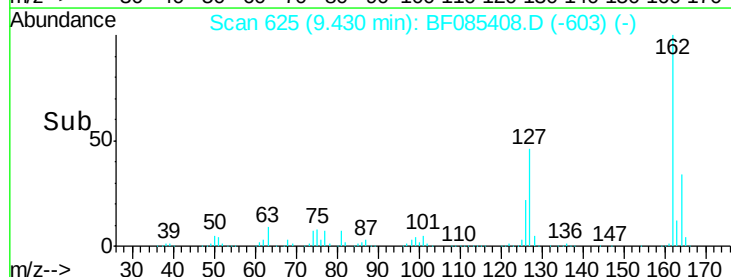
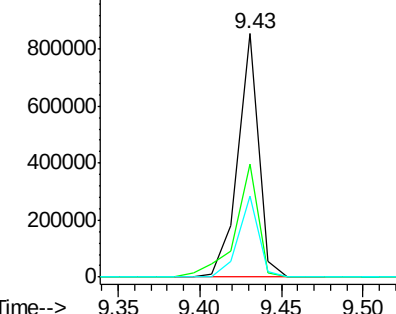
162 100

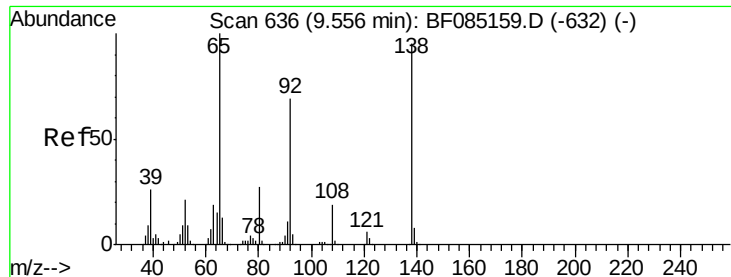
127 46.2 31.6 47.4

164 33.5 27.1 40.7



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: 50.81 ng

RT: 9.52 min Scan# 633

Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

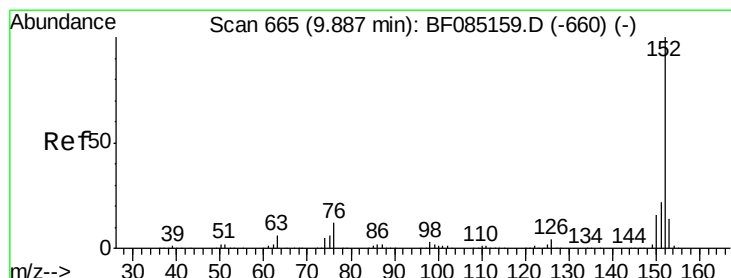
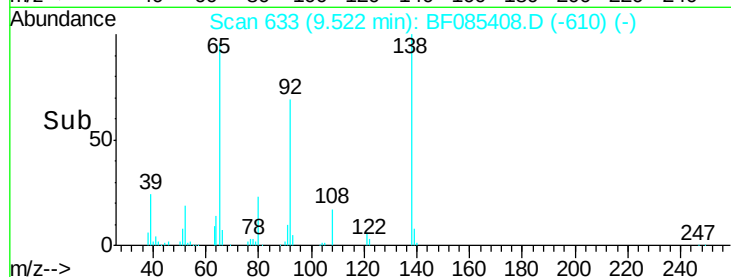
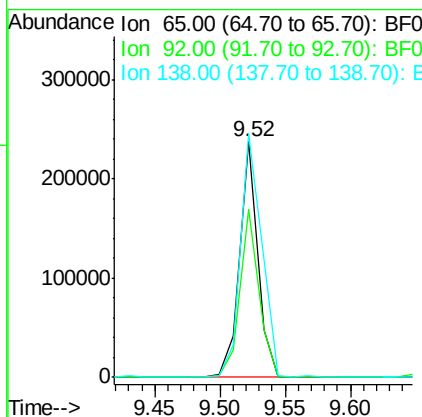
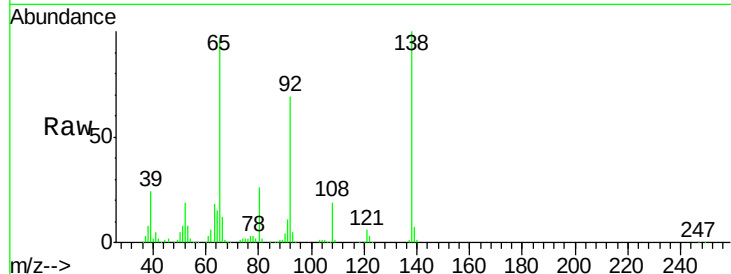
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:	65	Resp:	227131
Ion Ratio		Lower	Upper
65	100		
92	71.1	55.4	83.2
138	103.4	75.7	113.5

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#48

Acenaphthylene

Concen: 50.58 ng

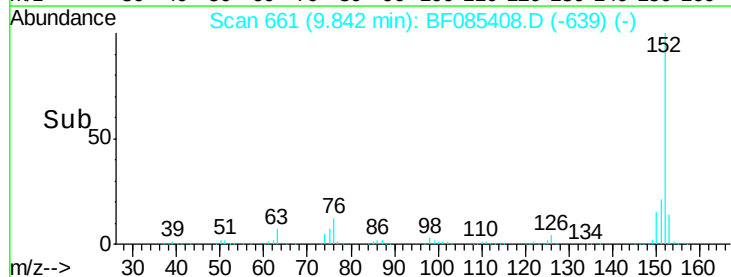
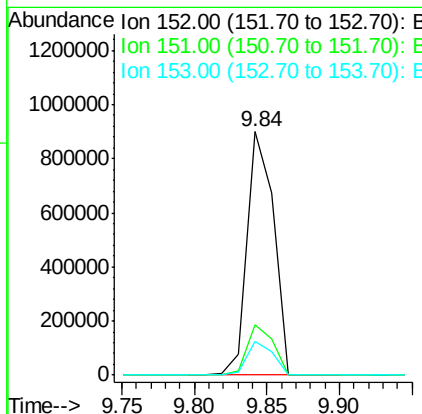
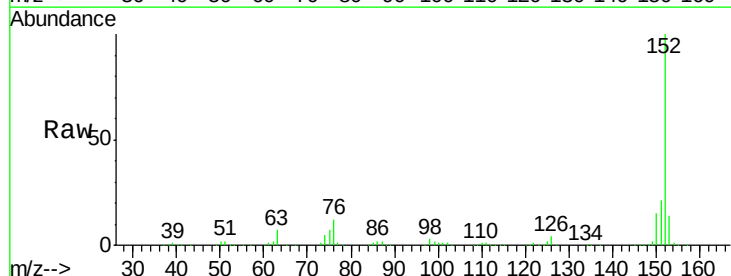
RT: 9.84 min Scan# 661

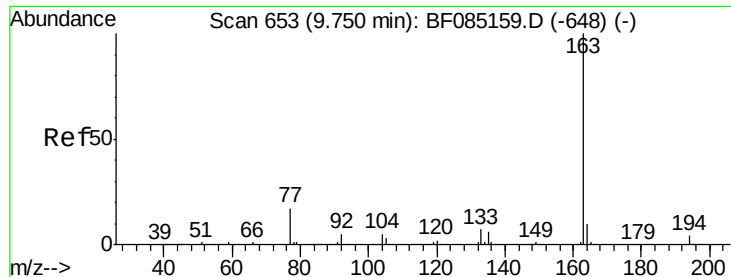
Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Tgt Ion:	152	Resp:	1135597
Ion Ratio		Lower	Upper
152	100		
151	20.5	17.5	26.3
153	13.9	11.3	16.9





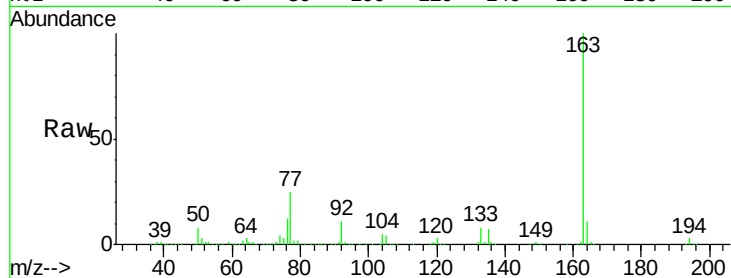
#49
Dimethylphthalate
Concen: 62.17 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.1	4.7
164	10.7	8.2	12.4

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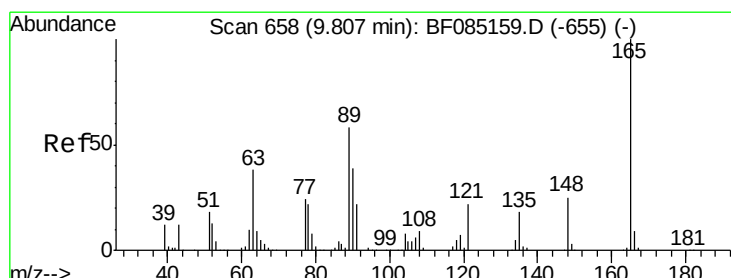
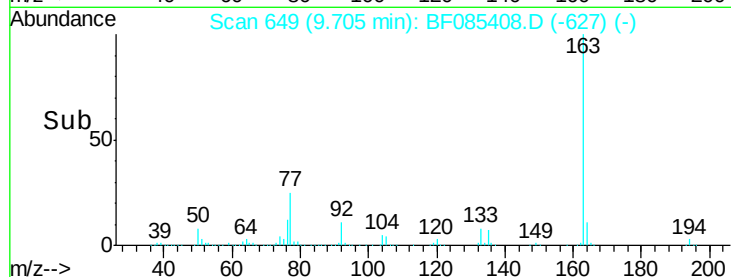
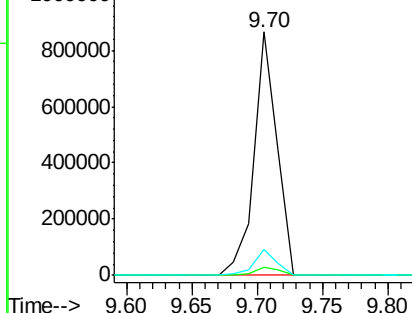


Abundance

Ion 163.00 (162.70 to 163.70): E

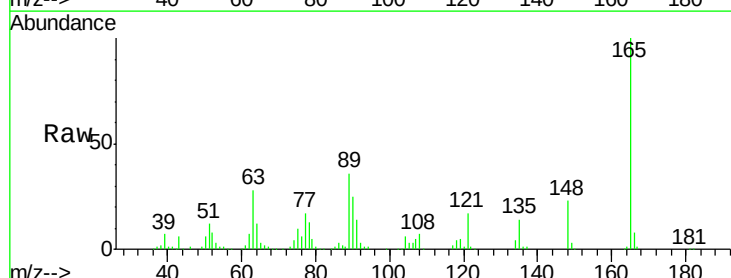
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 56.43 ng
RT: 9.77 min Scan# 655
Delta R.T. -0.03 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	27.7	41.8	62.8#
89	36.4	46.7	70.1#

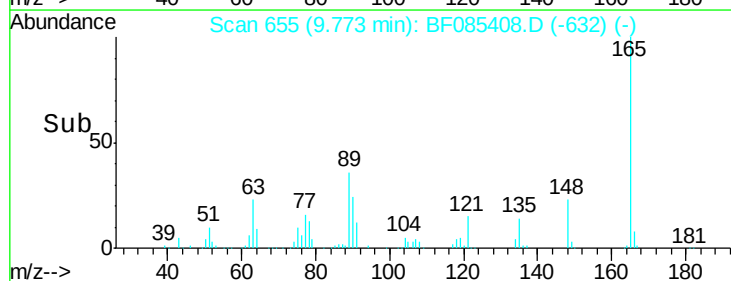
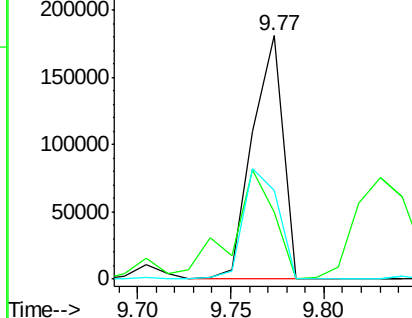


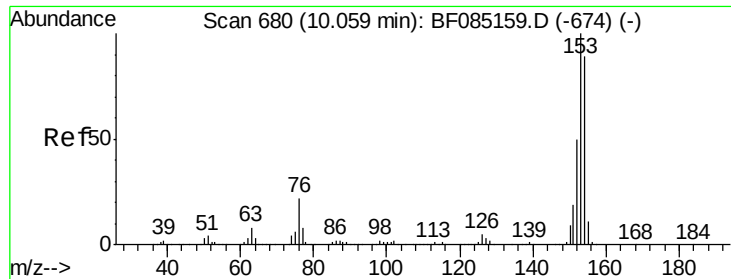
Abundance

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: 47.78 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

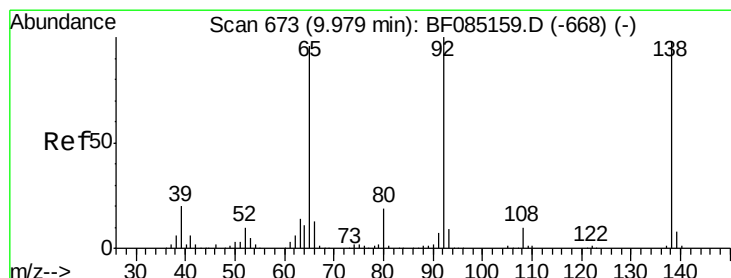
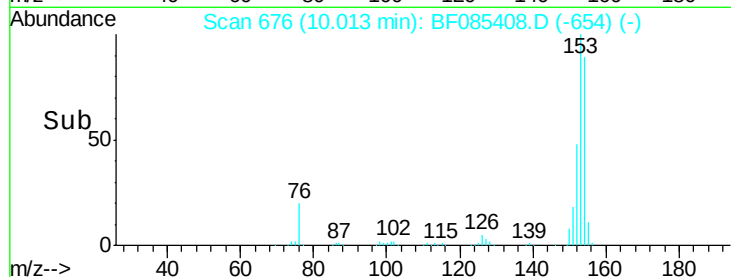
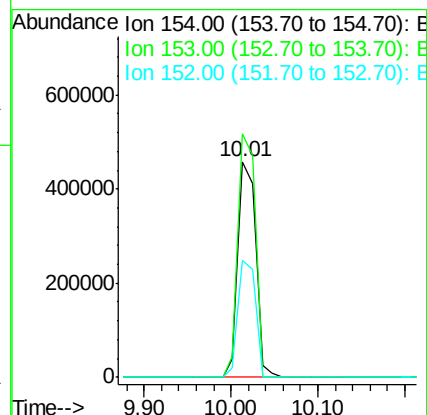
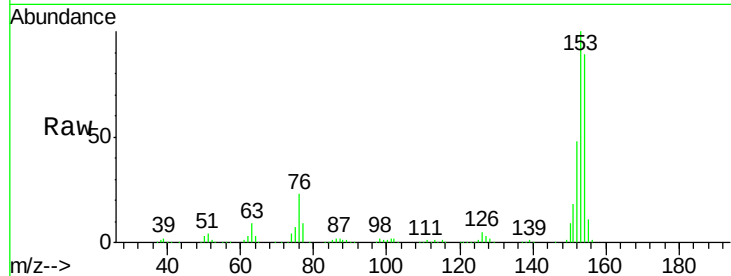
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:	154	Resp:	651365
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.8	134.8
152	54.2	44.6	66.8

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#52

3-Nitroaniline

Concen: 34.69 ng

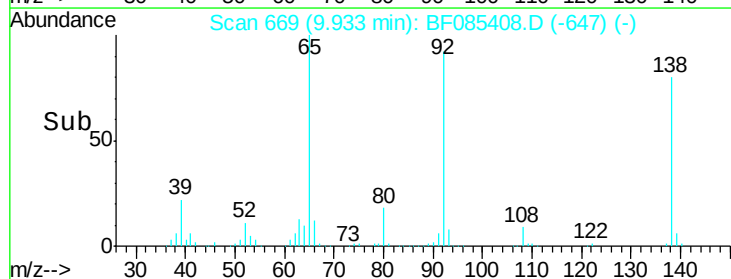
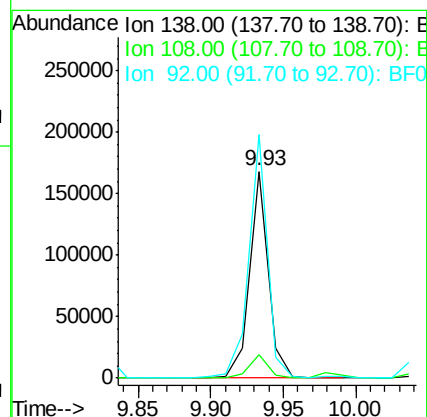
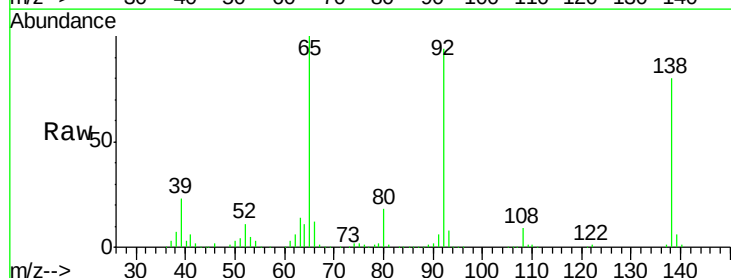
RT: 9.93 min Scan# 669

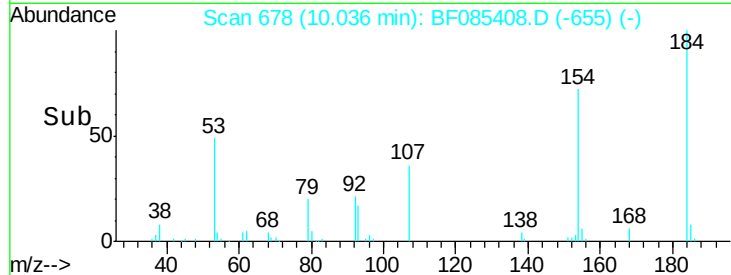
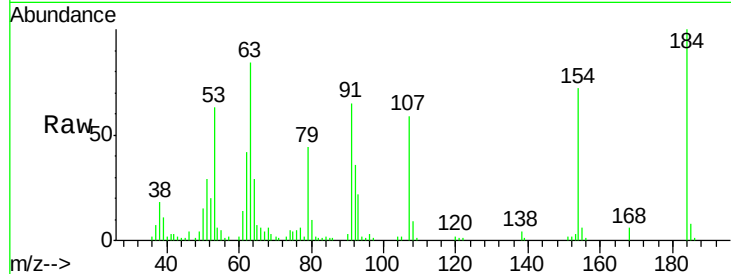
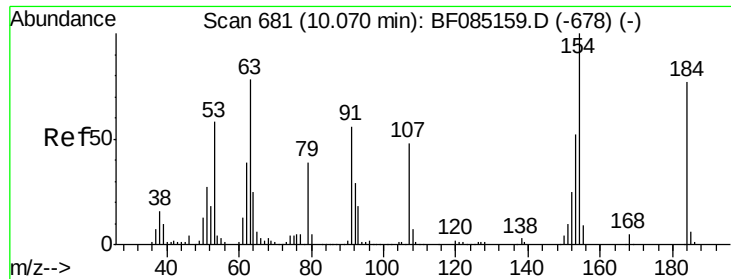
Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Tgt Ion:	138	Resp:	150992
Ion Ratio	Lower	Upper	
138	100		
108	11.1	7.8	11.6
92	117.9	81.3	121.9





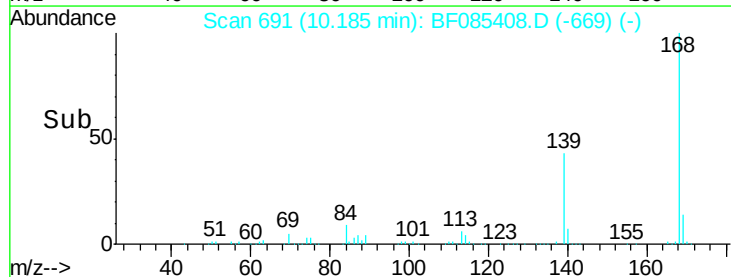
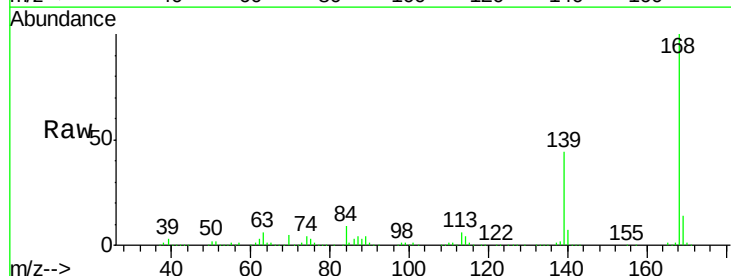
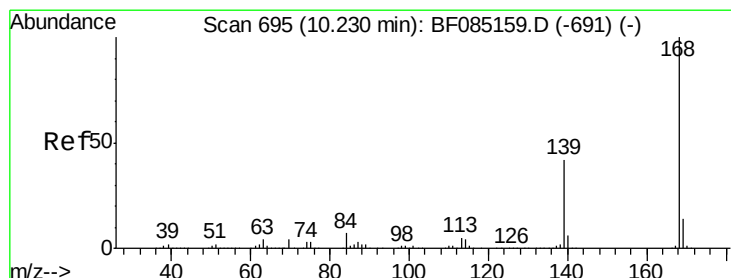
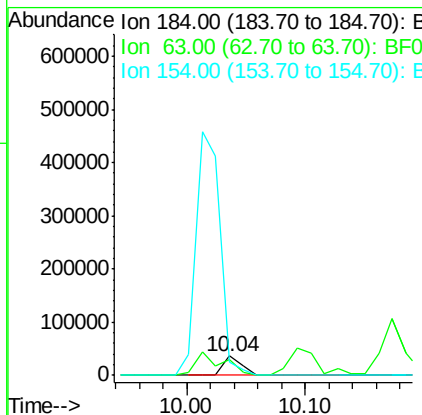
#53
2,4-Dinitrophenol
Concen: 27.77 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Tgt Ion:184 Resp: 40503
Ion Ratio Lower Upper
184 100
63 84.1 82.2 123.4
154 71.5 108.9 163.3#

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-19-COMP(0.5-3.0)MSD

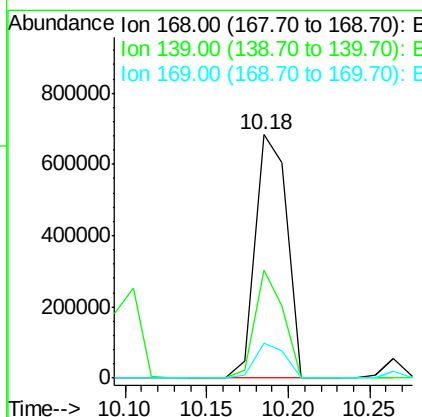
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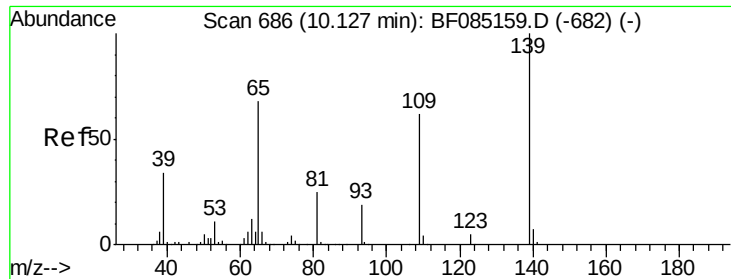
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#54
Dibenzofuran
Concen: 51.35 ng
RT: 10.18 min Scan# 691
Delta R.T. -0.05 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Tgt Ion:168 Resp: 917259
Ion Ratio Lower Upper
168 100
139 44.3 33.6 50.4
169 14.2 11.2 16.8





#55

4-Nitrophenol

Concen: 95.20 ng

RT: 10.10 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

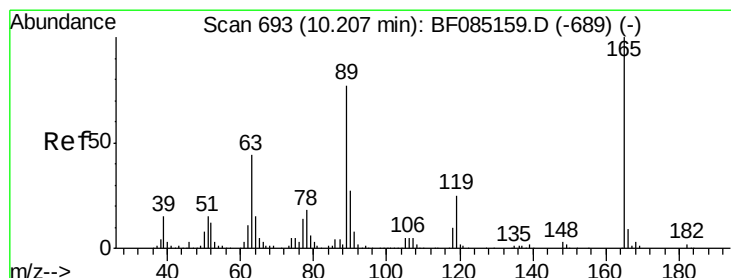
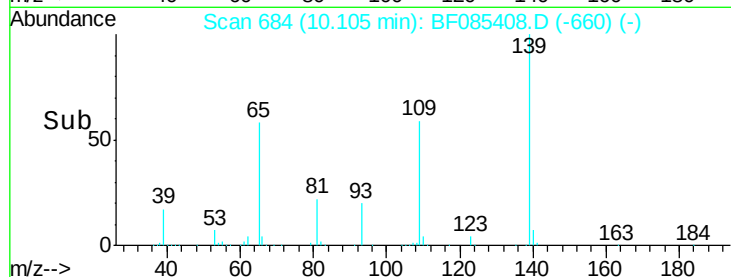
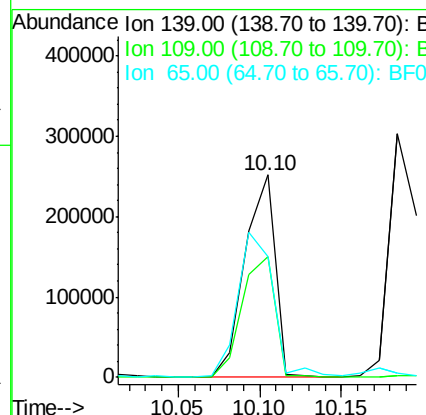
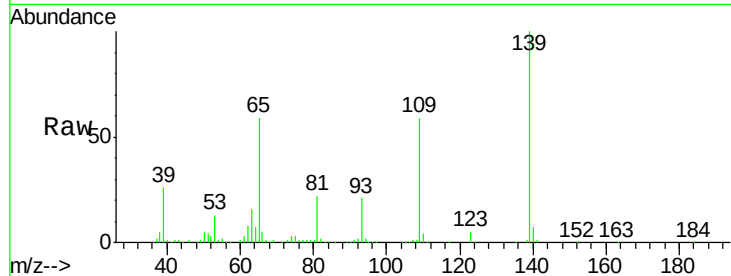
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:	139	Resp:	325602
Ion Ratio	Lower	Upper	
139	100		
109	59.5	41.9	81.9
65	59.3	48.3	88.3

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#56

2,4-Dinitrotoluene

Concen: 53.33 ng

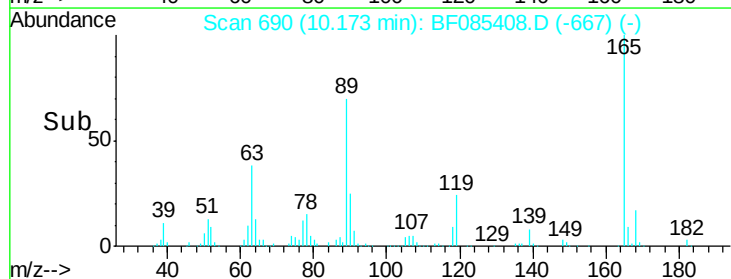
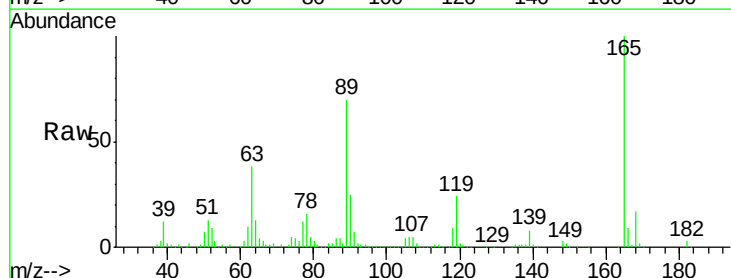
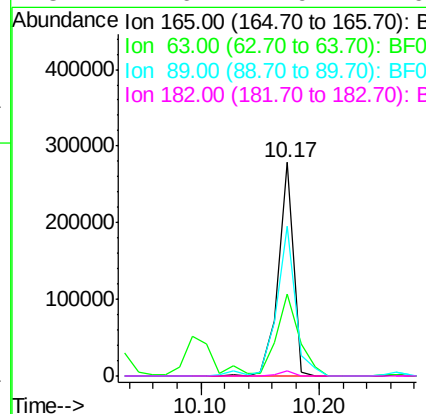
RT: 10.17 min Scan# 690

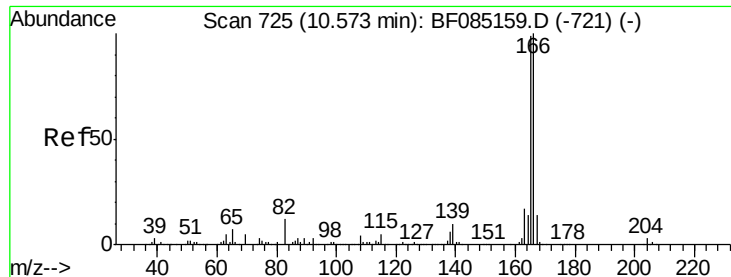
Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Tgt Ion:	165	Resp:	248255
Ion Ratio	Lower	Upper	
165	100		
63	38.4	35.4	53.0
89	70.1	61.9	92.9
182	2.6	1.9	2.9





#57

Fluorene

Concen: 48.06 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

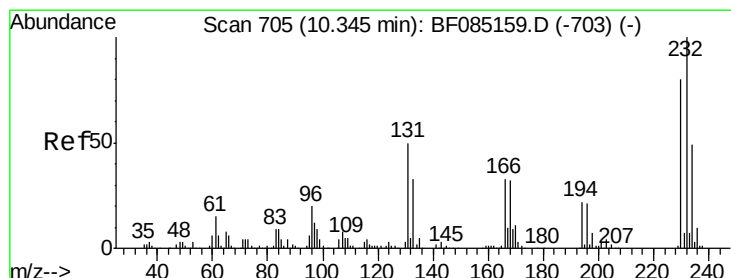
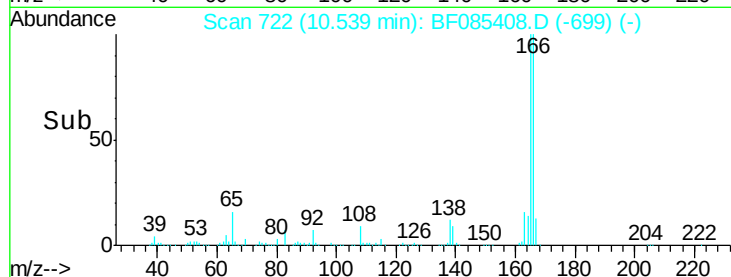
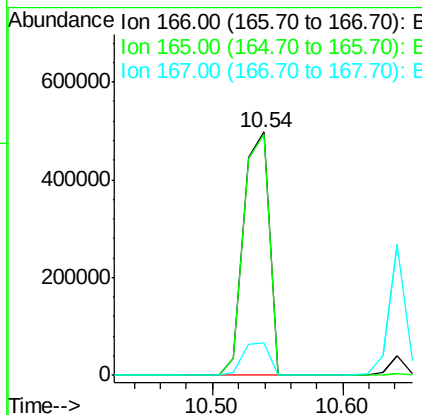
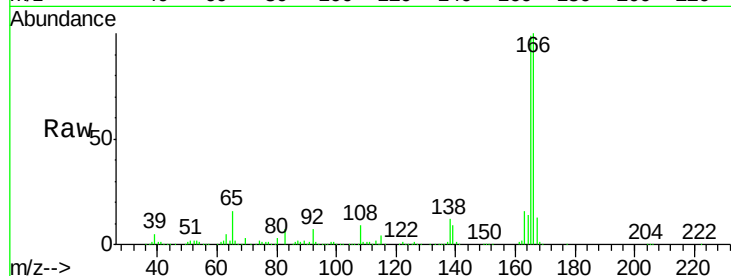
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:	166	Resp:	674337
Ion Ratio		Lower	Upper
166	100		
165	99.1	79.4	119.0
167	13.1	11.0	16.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 58.34 ng

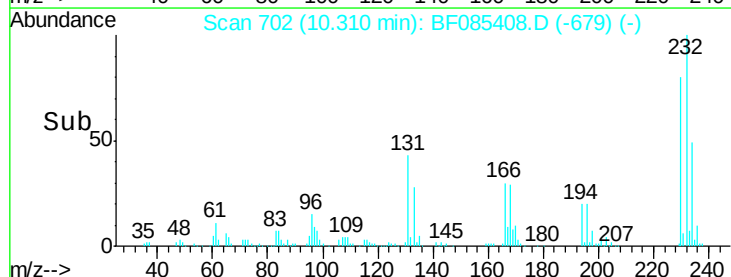
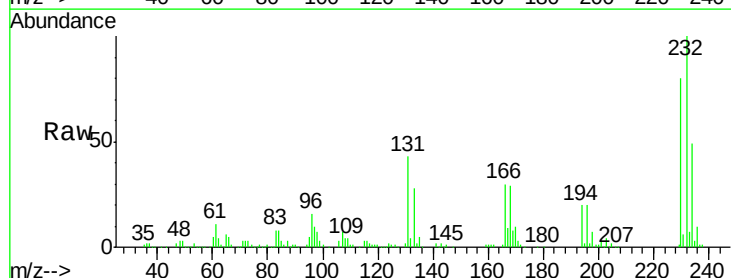
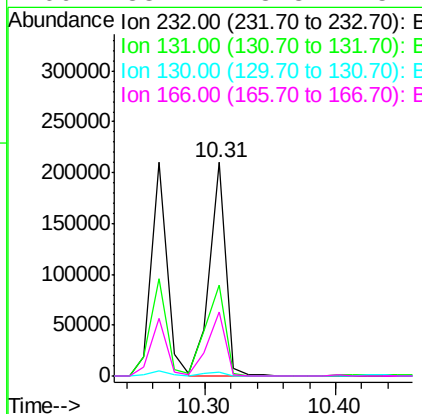
RT: 10.31 min Scan# 702

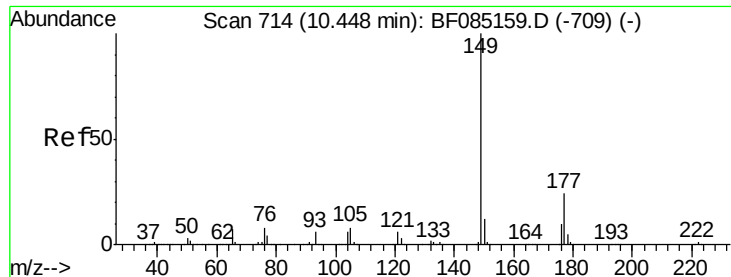
Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Tgt Ion:	232	Resp:	183257
Ion Ratio		Lower	Upper
232	100		
131	51.8	46.0	69.0
130	2.4	2.2	3.4
166	33.2	28.8	43.2





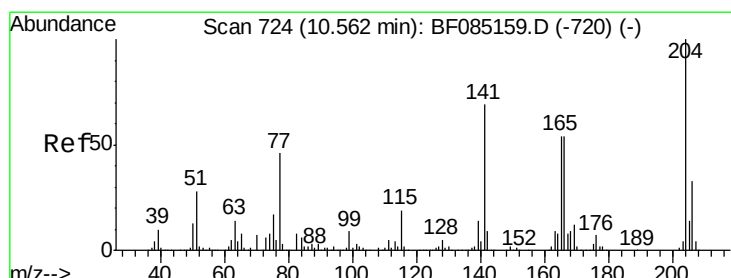
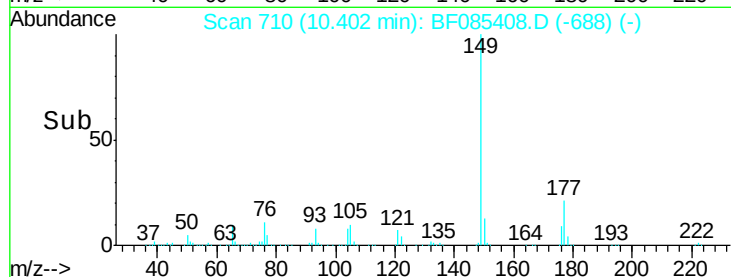
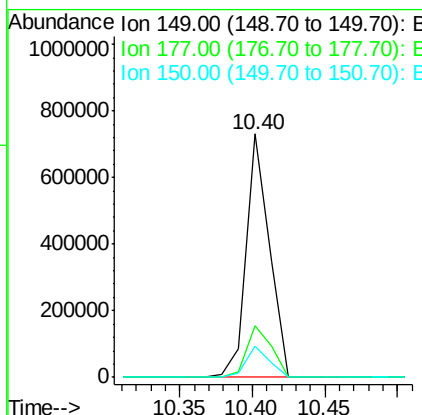
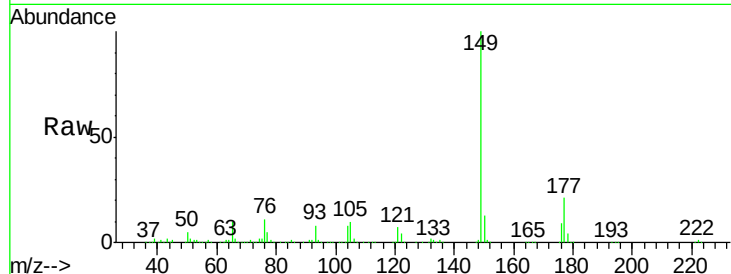
#59
Diethylphthalate
Concen: 48.93 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.05 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	807286		
177	21.0	19.2	28.8	
150	13.0	9.9	14.9	

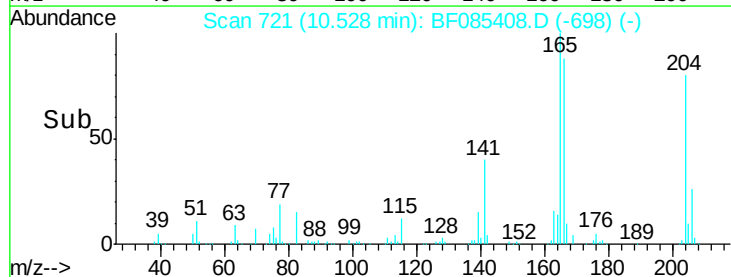
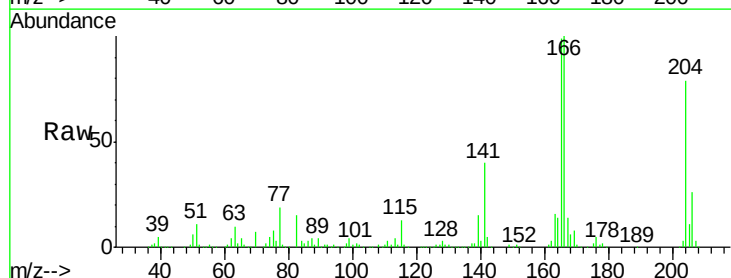
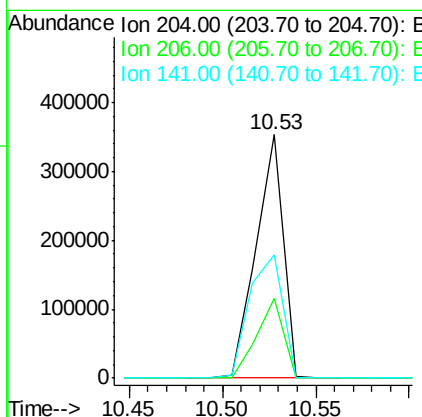
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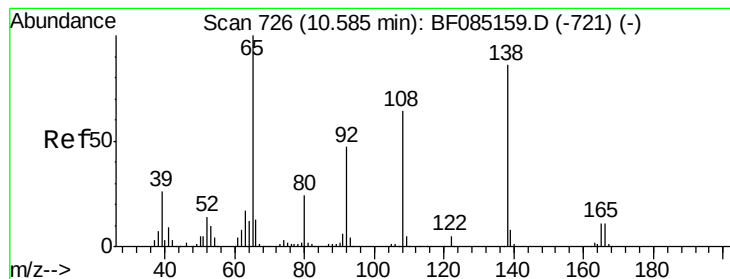
UMANGI
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#60
4-Chlorophenyl-phenylether
Concen: 51.85 ng
RT: 10.53 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	353974		
206	33.0	26.5	39.7	
141	50.6	55.4	83.2	





#61

4-Nitroaniline

Concen: 46.10 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF085408.D

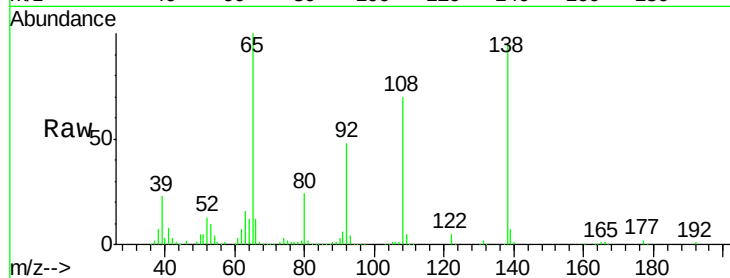
Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

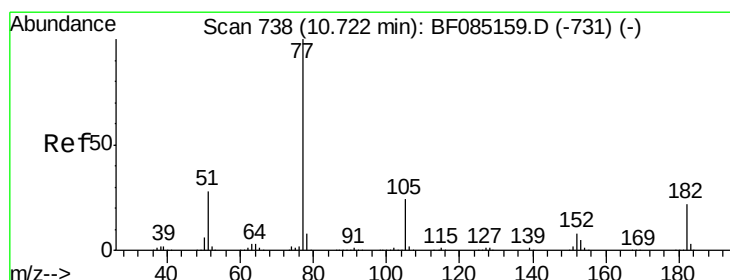
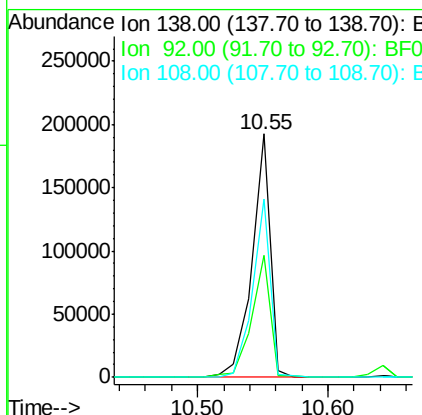
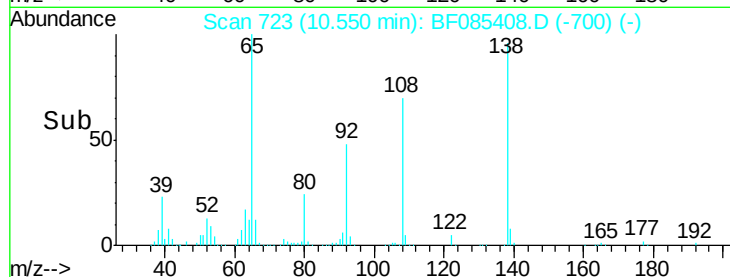
W170TH-SB-19-COMP(0.5-3.0)MSD



Tgt Ion:	138	Resp:	187638
Ion Ratio	Lower	Upper	
138	100		
92	50.2	34.2	74.2
108	73.1	53.9	93.9

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#62

Azobenzene

Concen: 51.50 ng

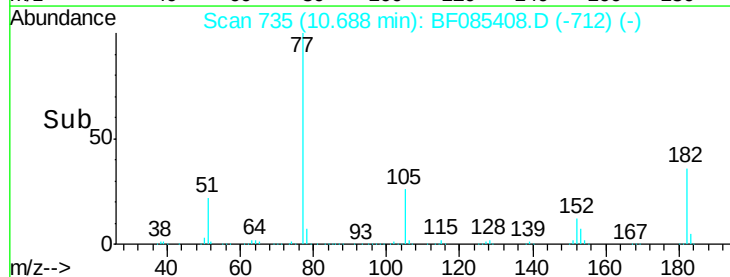
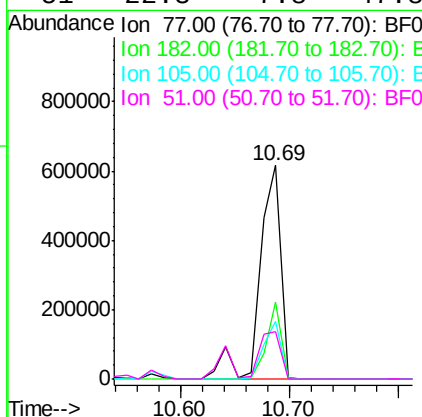
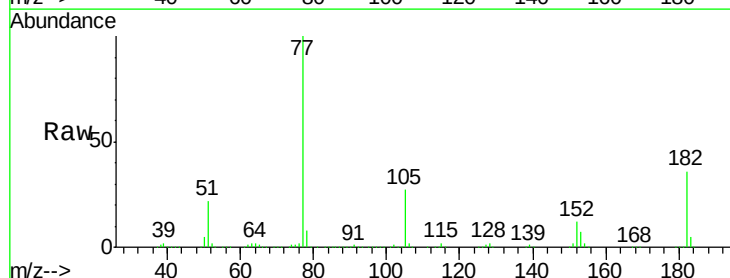
RT: 10.69 min Scan# 735

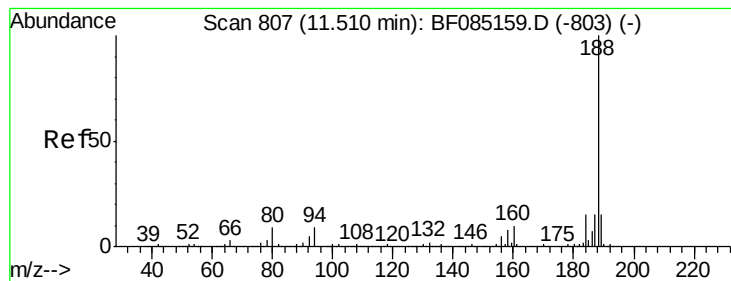
Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Tgt Ion:	77	Resp:	837180
Ion Ratio	Lower	Upper	
77	100		
182	36.1	2.1	42.1
105	26.9	3.8	43.8
51	22.3	7.8	47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:188 Resp: 364226

Ion Ratio Lower Upper

188 100

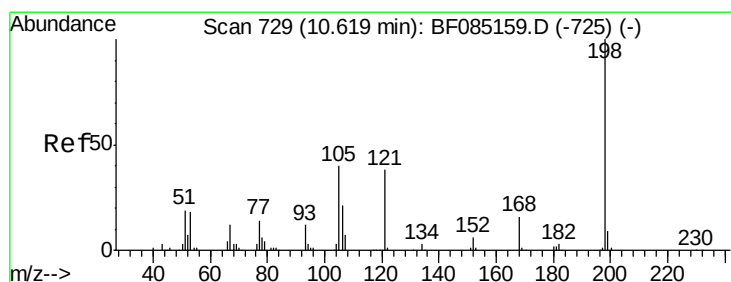
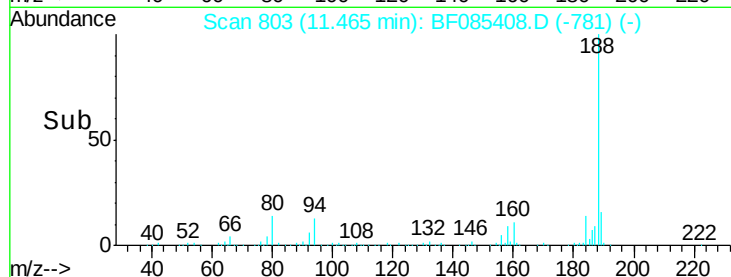
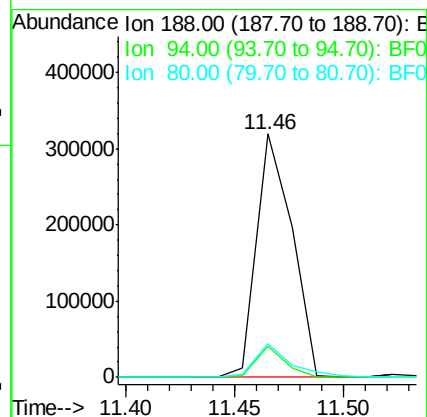
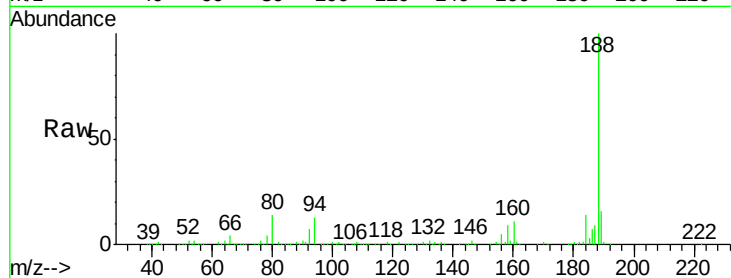
94 12.8 7.0 10.6#

80 13.8 7.4 11.0#

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#64

4,6-Dinitro-2-methylphenol

Concen: 21.71 ng

RT: 10.58 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

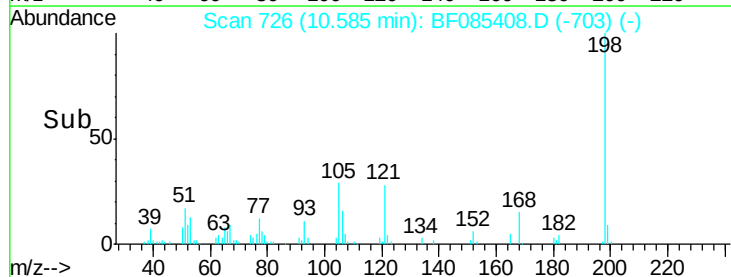
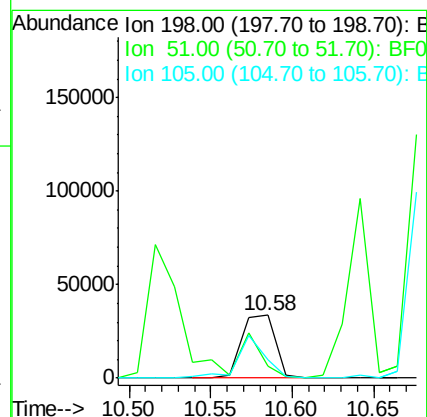
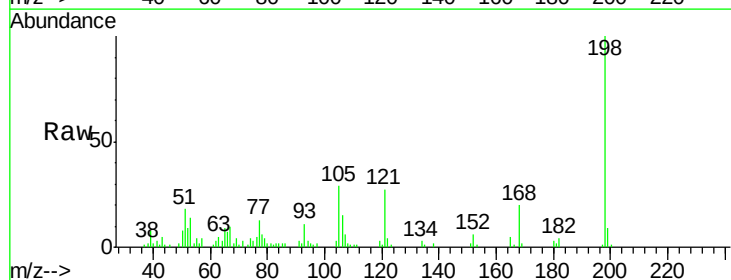
Tgt Ion:198 Resp: 47353

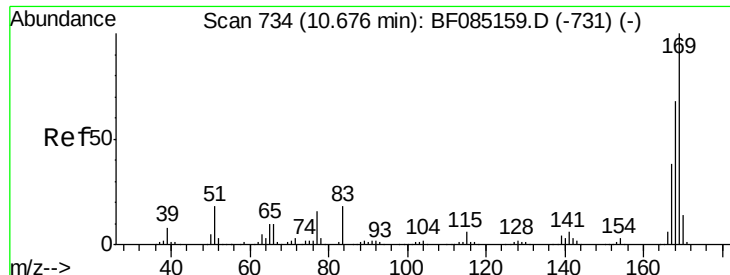
Ion Ratio Lower Upper

198 100

51 18.4 9.5 49.5

105 28.6 20.5 60.5





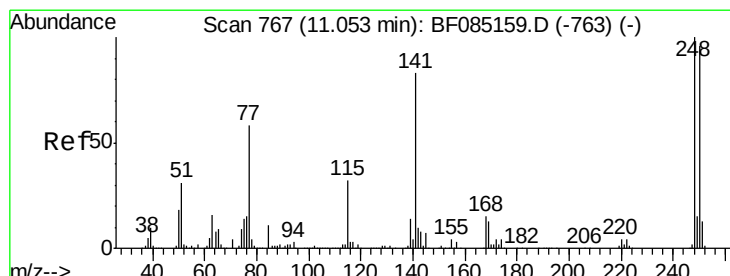
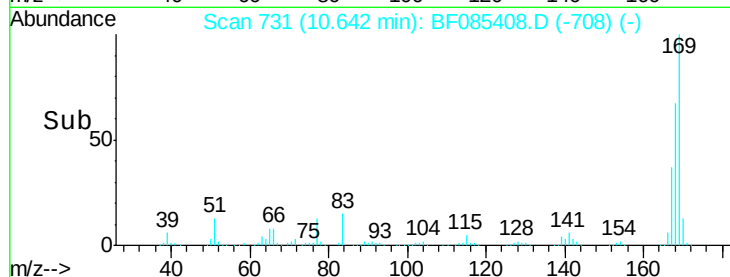
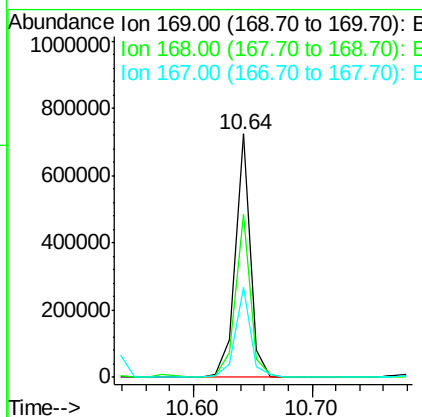
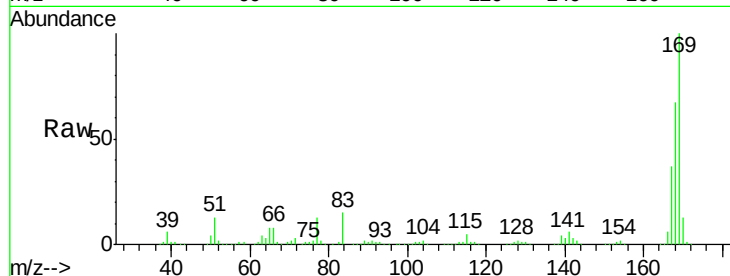
#65
 n-Nitrosodiphenylamine
 Concen: 56.15 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	67.1	54.8	82.2
167	37.0	30.3	45.5

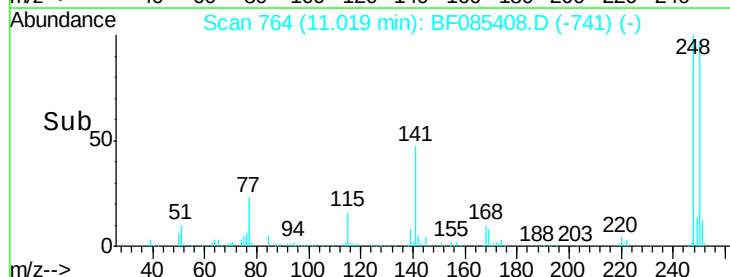
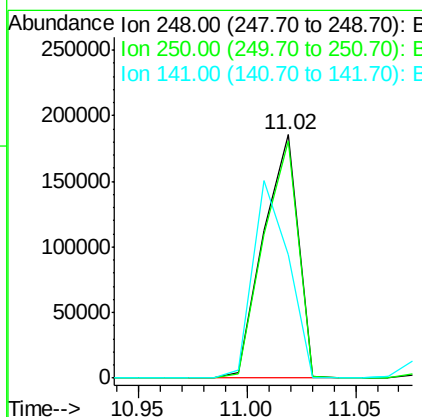
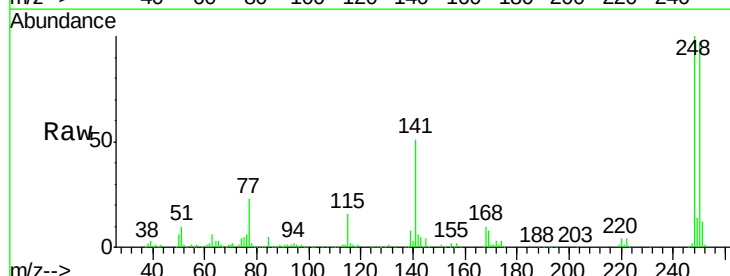
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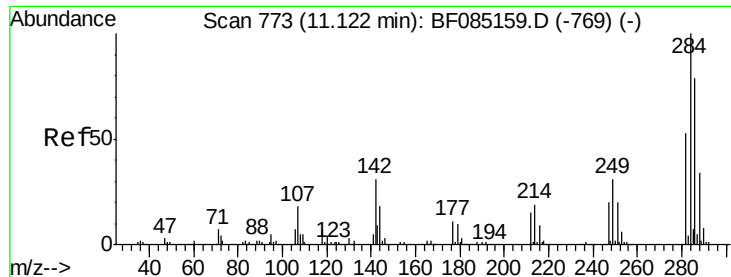
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#66
 4-Bromophenyl-phenylether
 Concen: 58.77 ng
 RT: 11.02 min Scan# 764
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	97.4	77.1	115.7
141	50.5	66.2	99.2





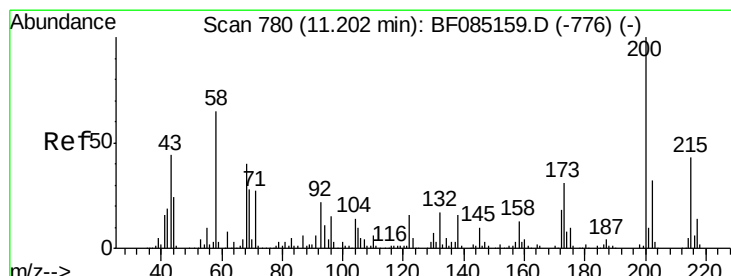
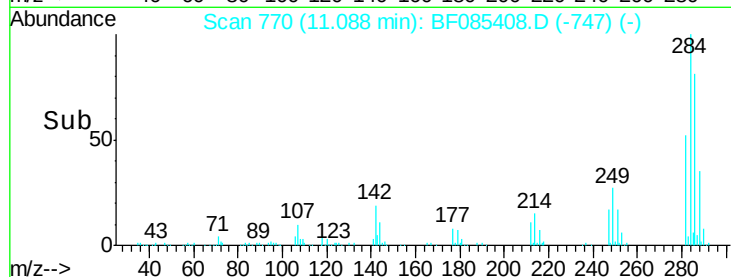
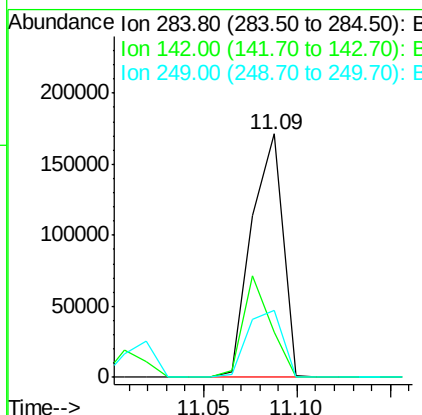
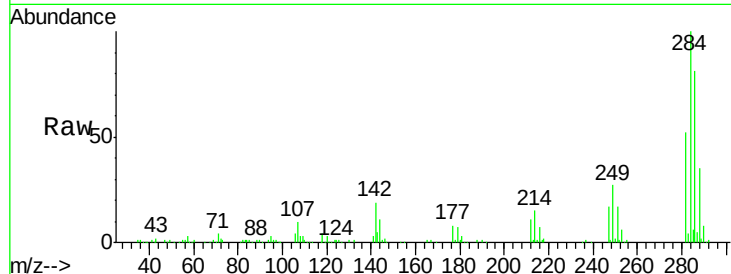
#67
Hexachlorobenzene
Concen: 52.71 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	18.5	24.9	37.3#
249	27.3	25.0	37.4

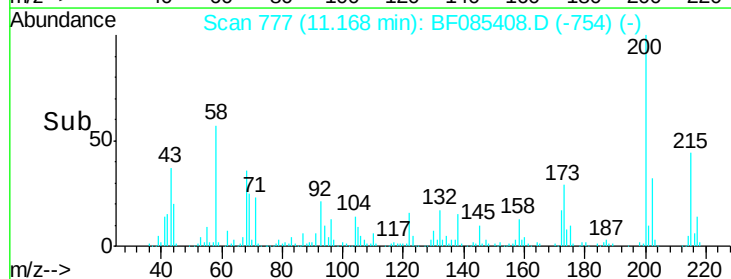
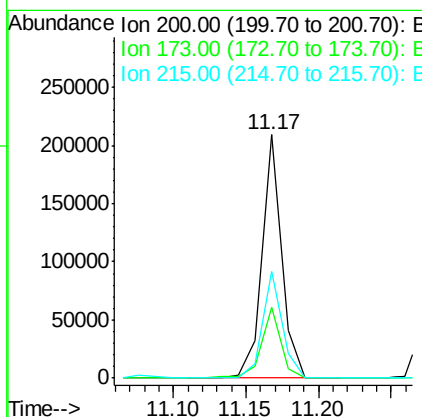
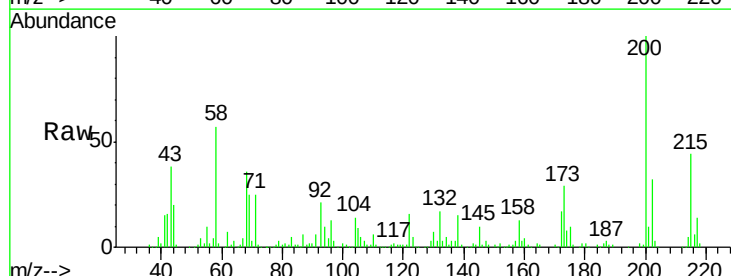
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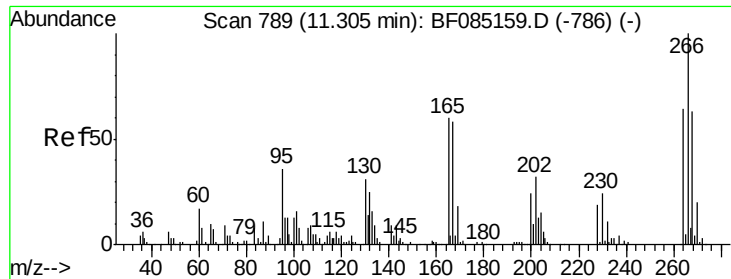
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#68
Atrazine
Concen: 62.20 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.03 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.2	10.5	50.5
215	44.0	23.4	63.4





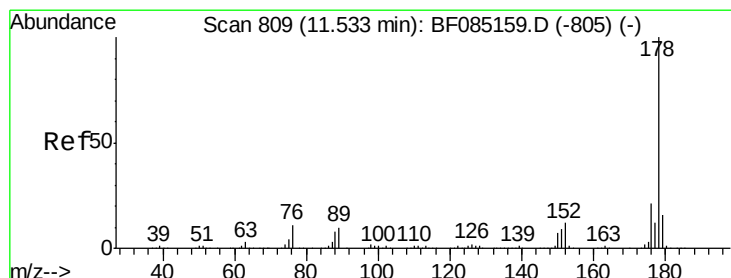
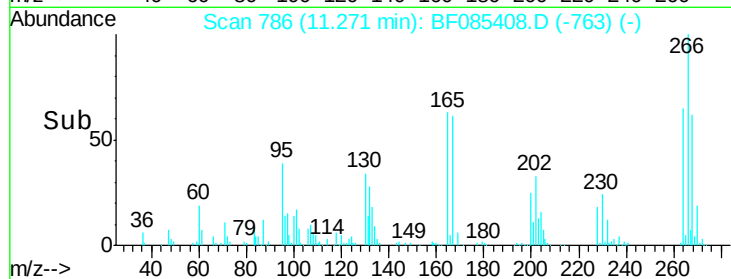
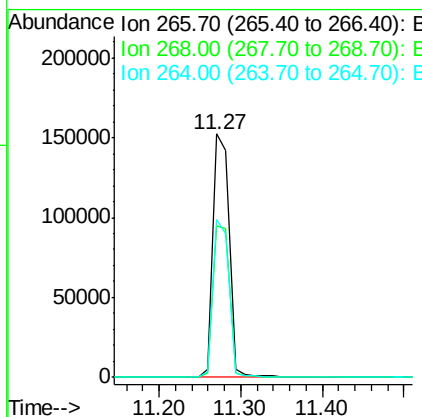
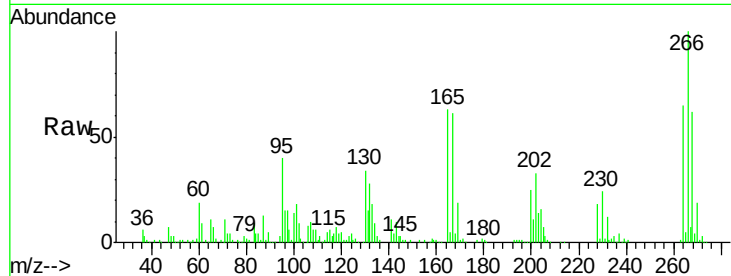
#69
 Pentachlorophenol
 Concen: 101.74 ng
 RT: 11.27 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	213061		
268	62.1	50.0	75.0	
264	64.7	51.4	77.2	

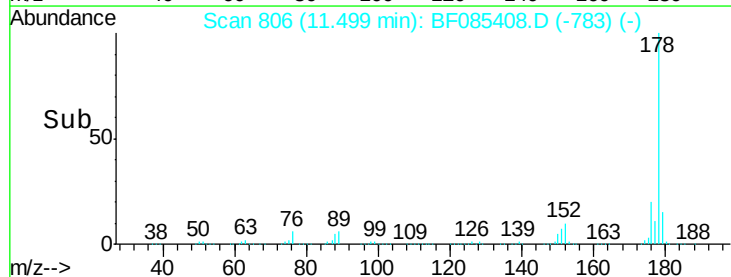
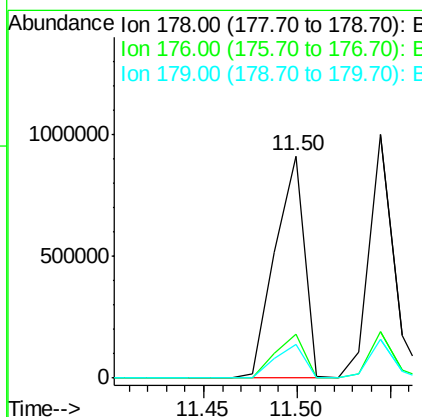
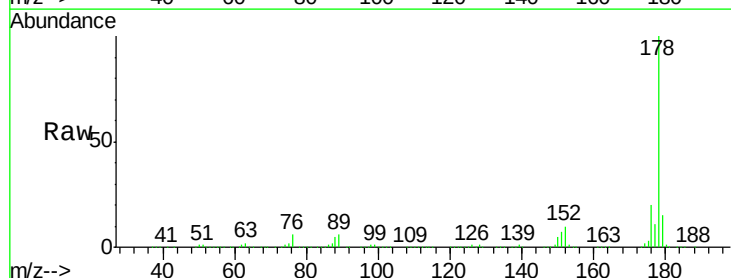
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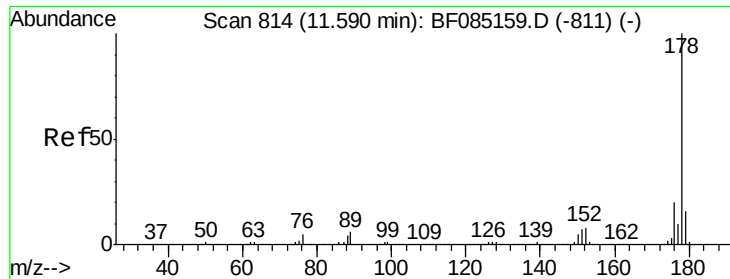
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#70
 Phenanthrene
 Concen: 52.31 ng
 RT: 11.50 min Scan# 806
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	998529		
176	19.7	16.8	25.2	
179	15.3	13.1	19.7	





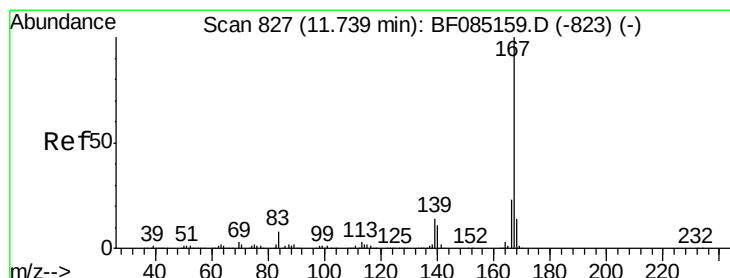
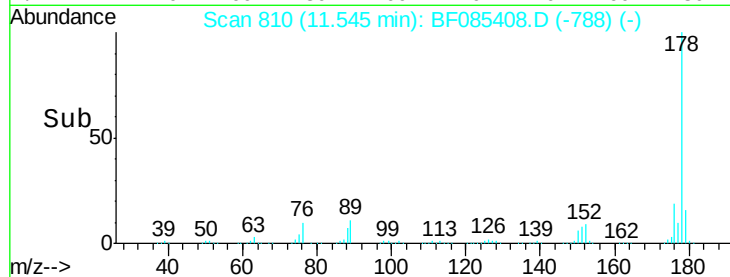
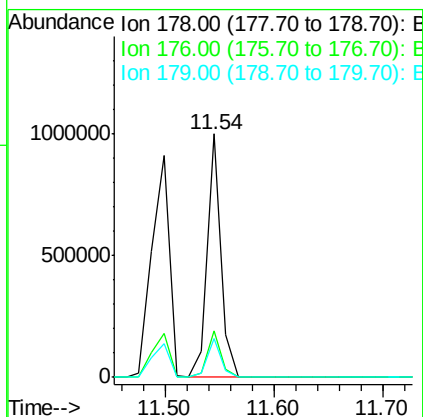
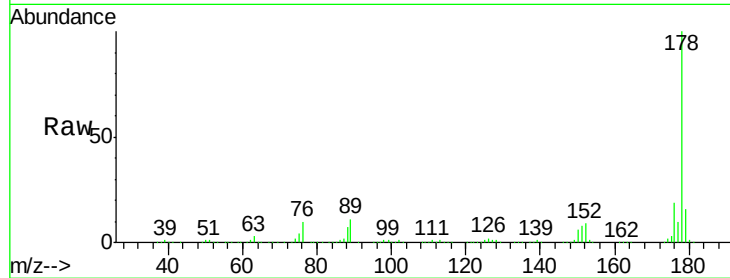
#71
 Anthracene
 Concen: 43.61 ng
 RT: 11.54 min Scan# 810
 Delta R.T. -0.05 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	883773		
176	19.2	15.9	23.9	
179	15.8	12.5	18.7	

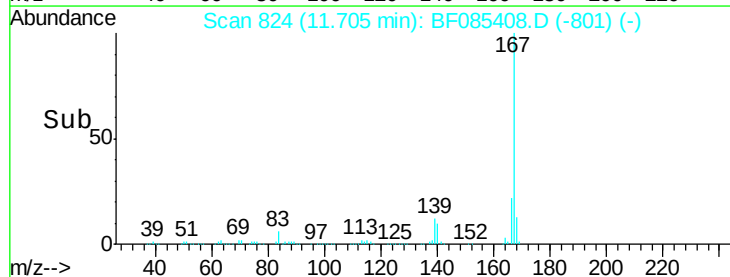
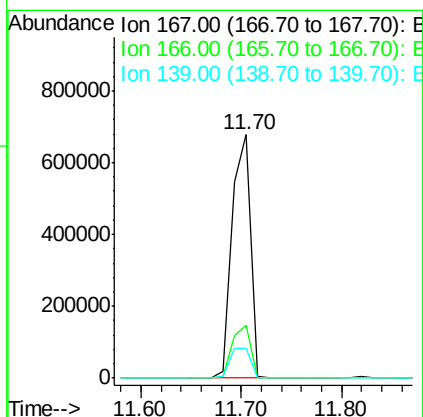
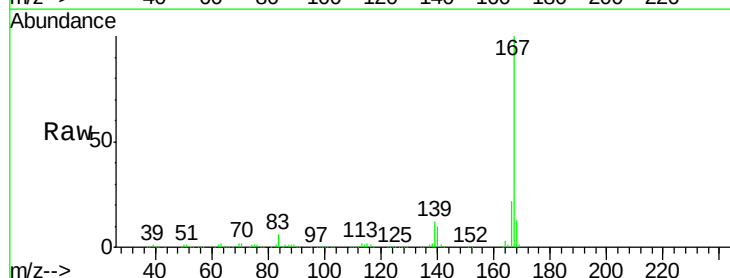
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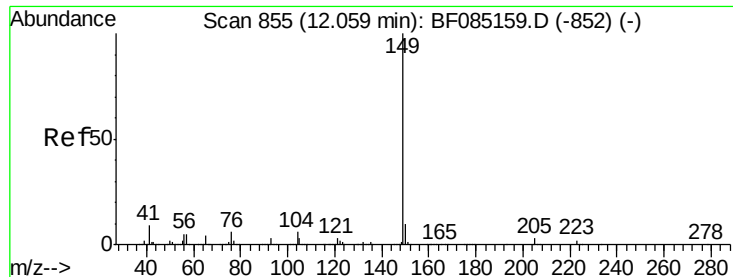
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#72
 Carbazole
 Concen: 48.42 ng
 RT: 11.70 min Scan# 824
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	860291		
166	21.9	18.2	27.2	
139	12.4	11.4	17.0	





#73

Di-n-butylphthalate

Concen: 51.23 ng

RT: 12.02 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:149 Resp: 1150581

Ion Ratio Lower Upper

149 100

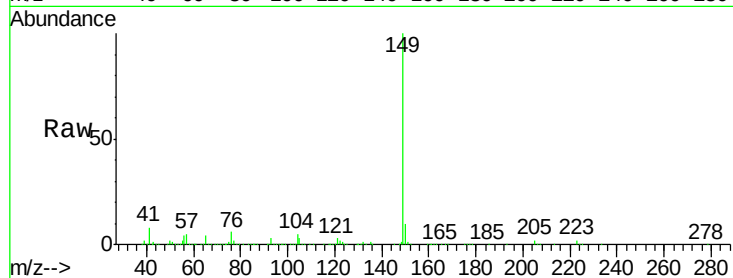
150 9.7 7.8 11.6

104 5.5 4.7 7.1

Manual Integrations
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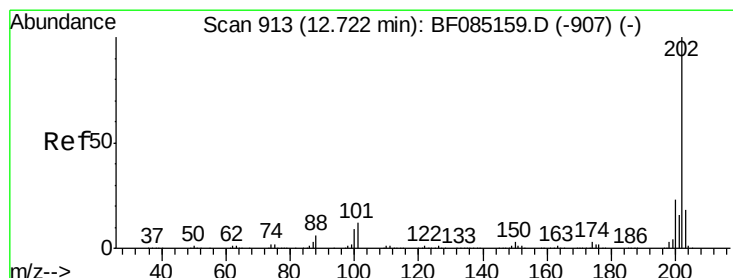
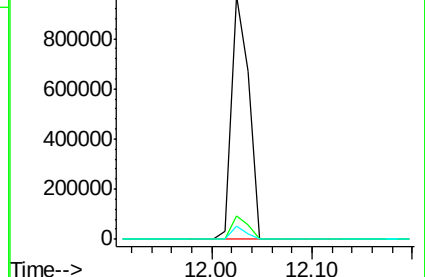
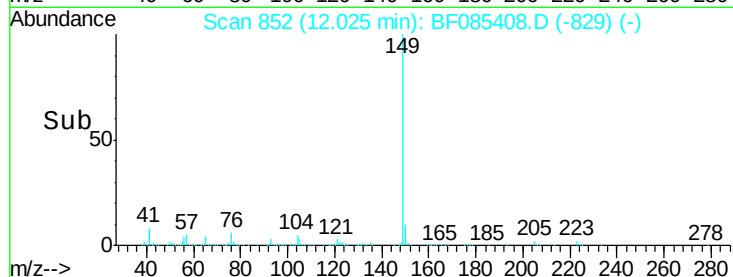


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

12.02



#74

Fluoranthene

Concen: 49.18 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

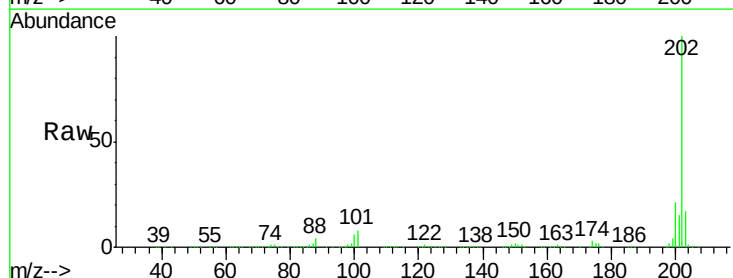
Tgt Ion:202 Resp: 942114

Ion Ratio Lower Upper

202 100

101 7.9 0.0 31.8

203 17.3 0.0 38.4

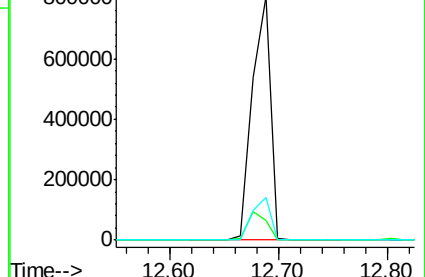
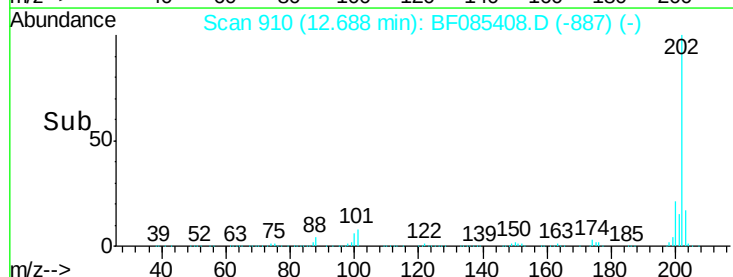


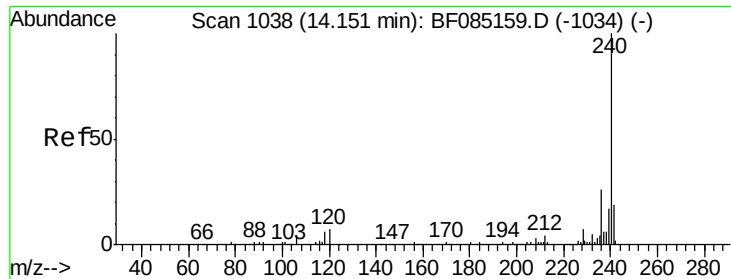
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.69





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

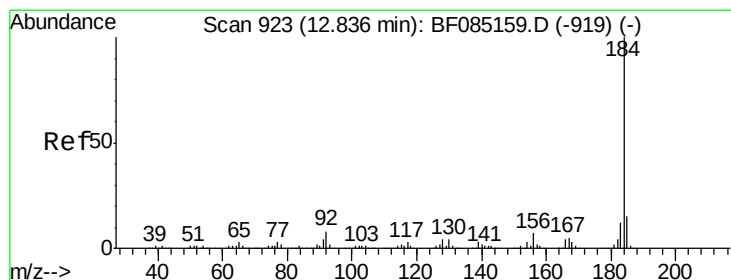
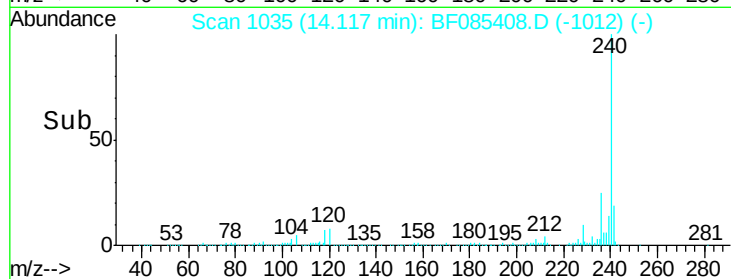
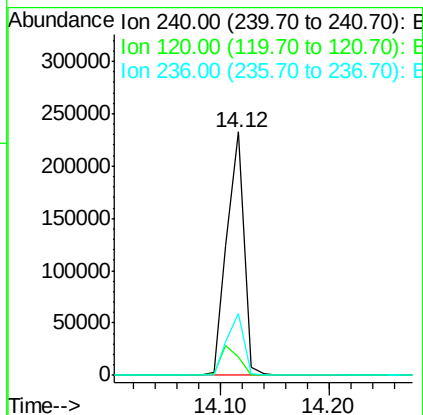
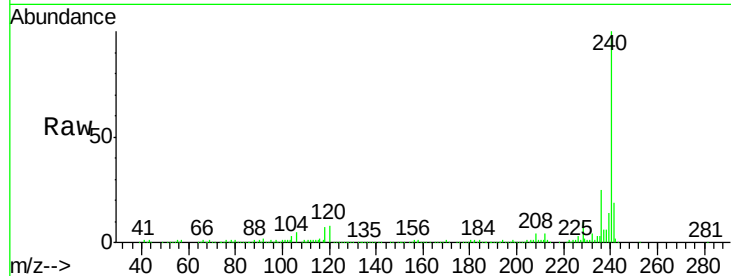
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.3	7.9
236	25.3	20.7	31.1

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#76

Benzidine

Concen: 54.40 ng

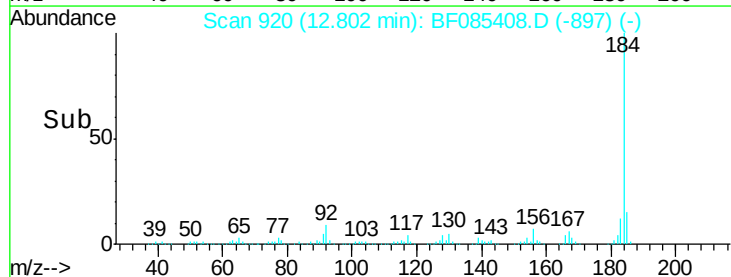
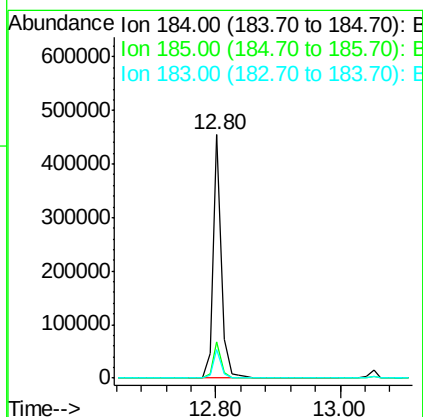
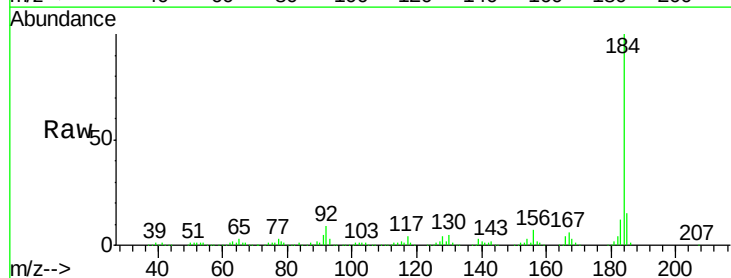
RT: 12.80 min Scan# 920

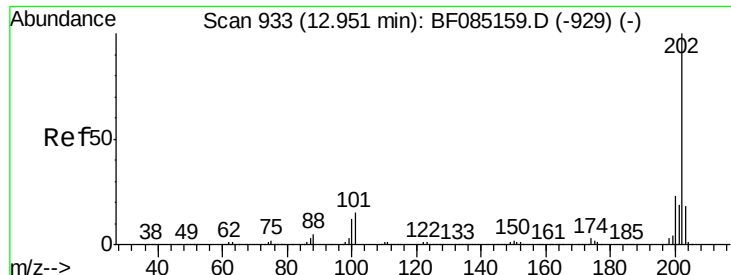
Delta R.T. -0.03 min

Lab File: BF085408.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.4	18.6
183	11.6	9.4	14.2





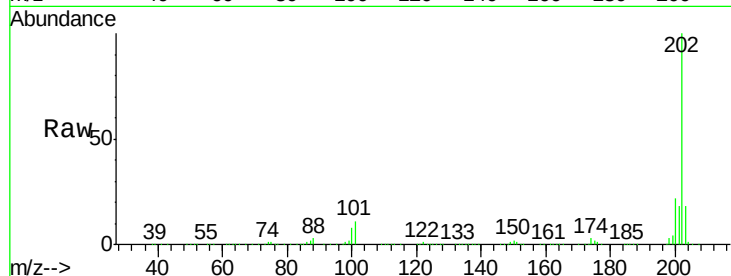
#77
Pyrene
 Concen: 50.26 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)MSD

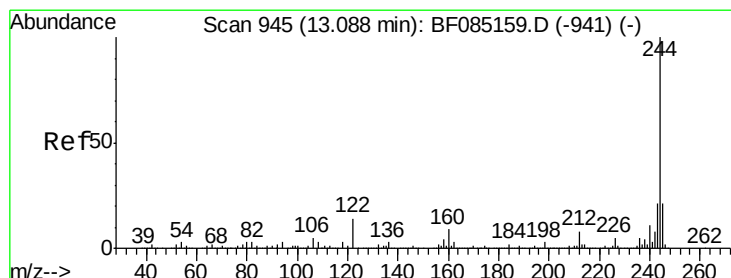
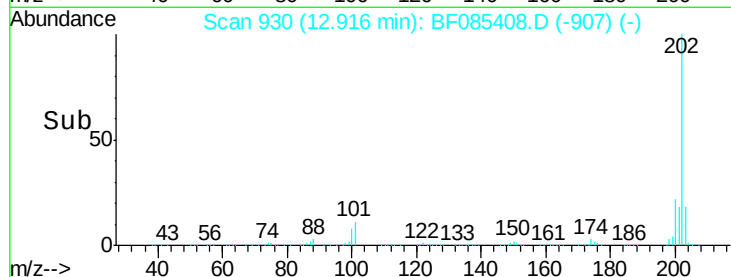
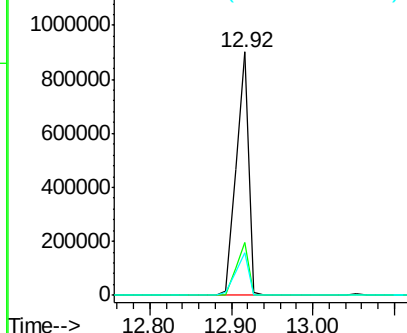
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.0	18.2	27.4
203	17.7	14.7	22.1

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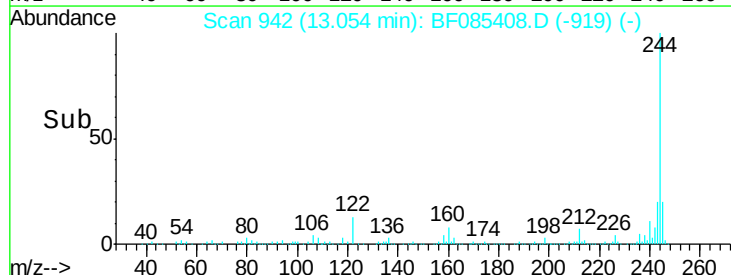
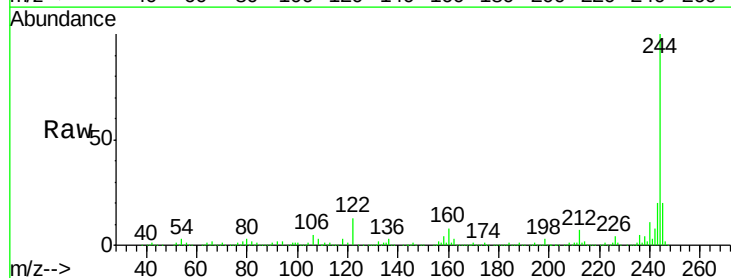
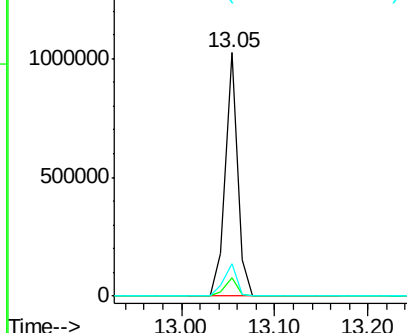
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

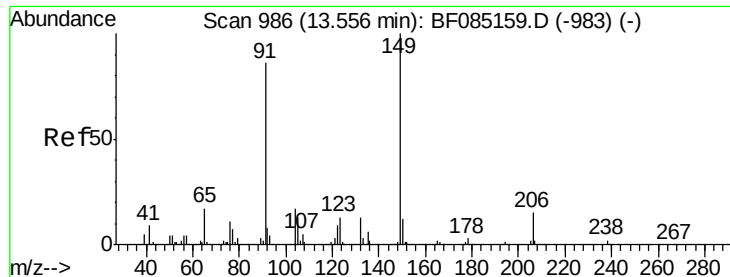


#78
Terphenyl-d14
 Concen: 85.38 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	6.4	9.6
122	13.1	11.4	17.2

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: 47.84 ng

RT: 13.52 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

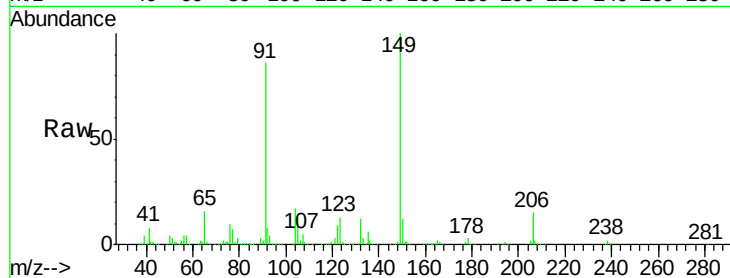
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

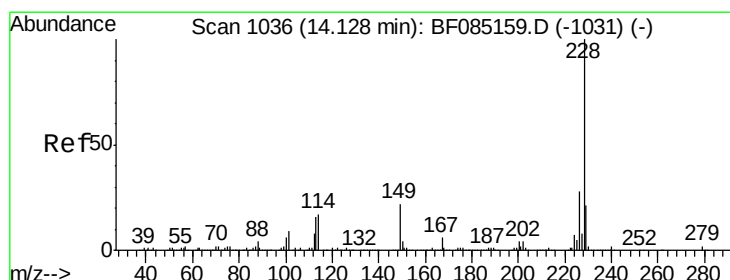
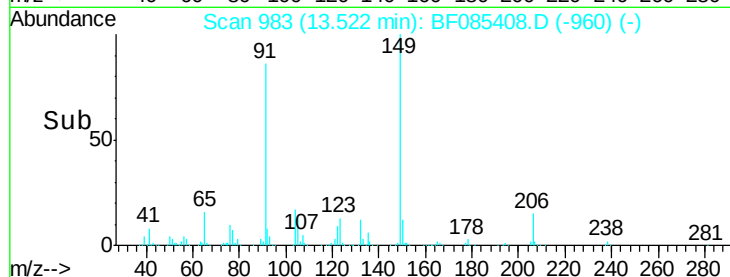
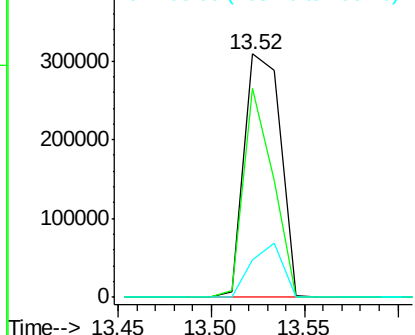
Tgt Ion:	149	Resp:	415907
Ion Ratio	Lower	Upper	
149	100		
91	85.9	69.0	103.4
206	15.2	12.3	18.5

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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: 48.10 ng

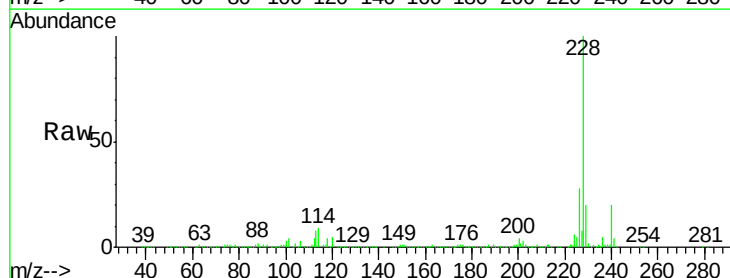
RT: 14.11 min Scan# 1034

Delta R.T. -0.02 min

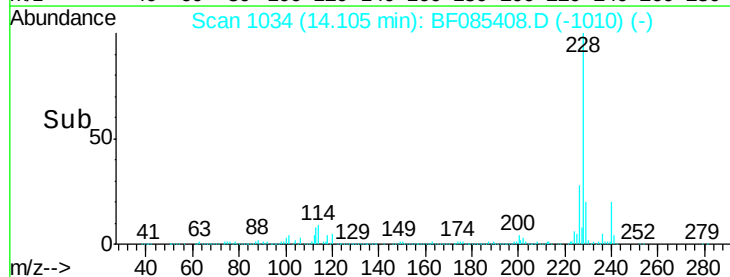
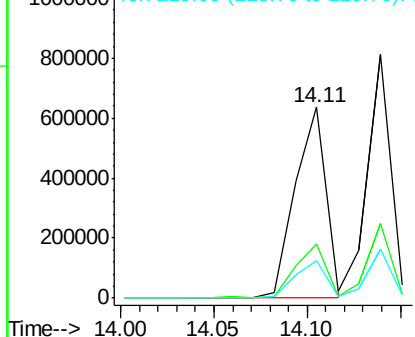
Lab File: BF085408.D

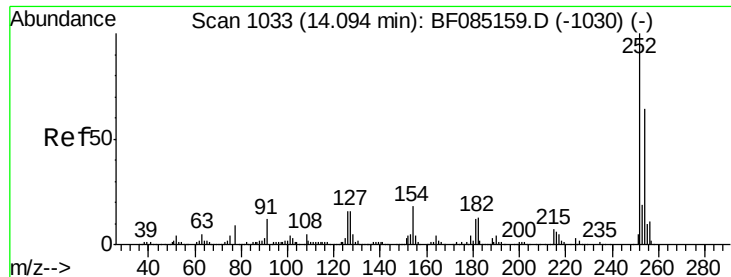
Acq: 12 Mar 2016 9:25

Tgt Ion:	228	Resp:	733072
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.8	34.2
229	19.7	16.6	24.8



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





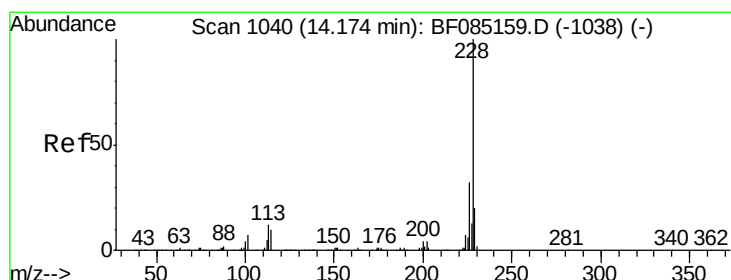
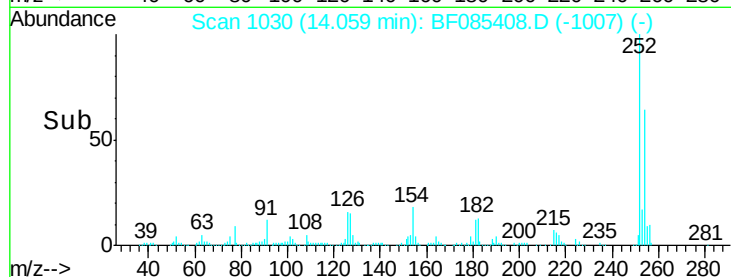
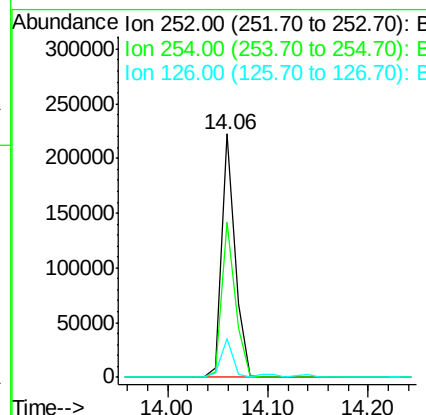
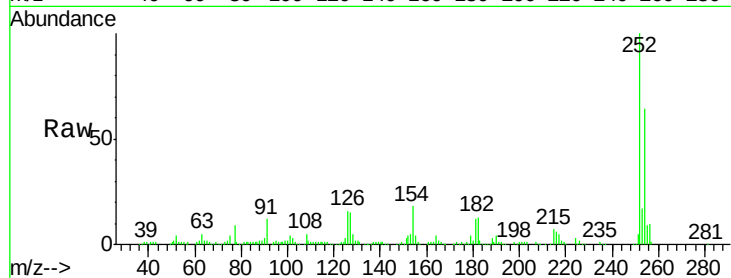
#81
 3,3'-Dichlorobenzidine
 Concen: 43.19 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	63.7	51.4	77.0
126	15.9	12.9	19.3

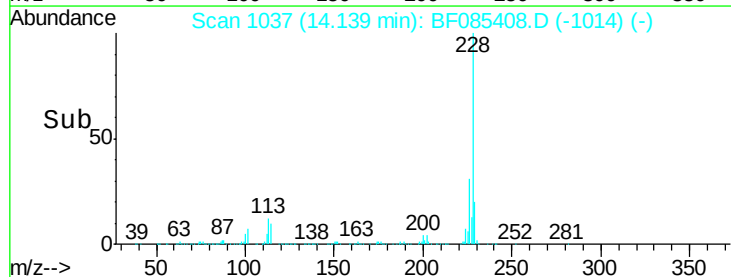
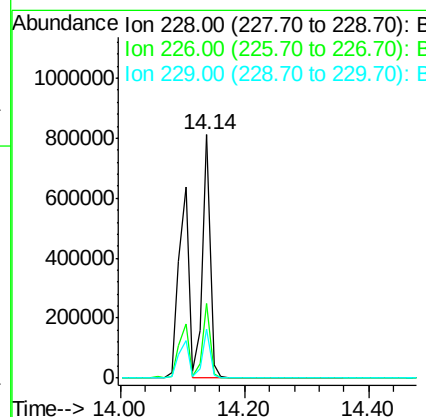
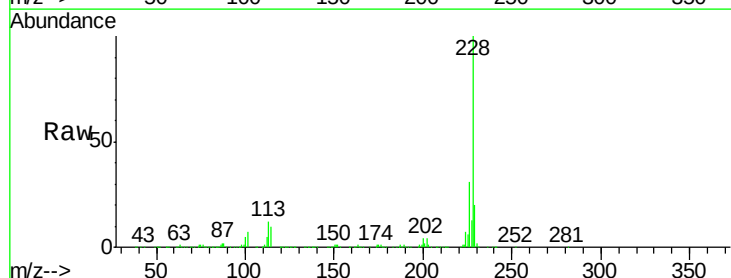
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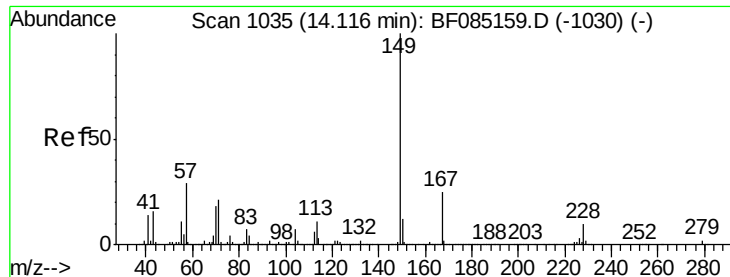
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#82
 Chrysene
 Concen: 50.41 ng
 RT: 14.14 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	25.2	37.8
229	20.1	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.23 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

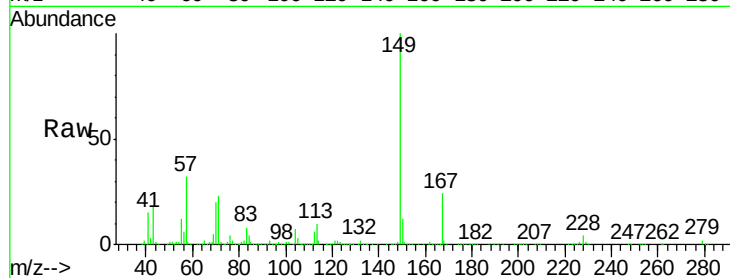
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

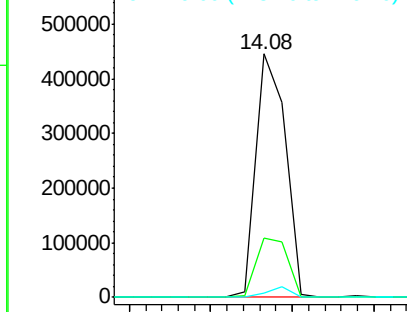
Tgt Ion:	149	Resp:	563224
Ion Ratio		Lower	Upper
149	100		
167	24.1	20.3	30.5
279	2.0	1.9	2.9

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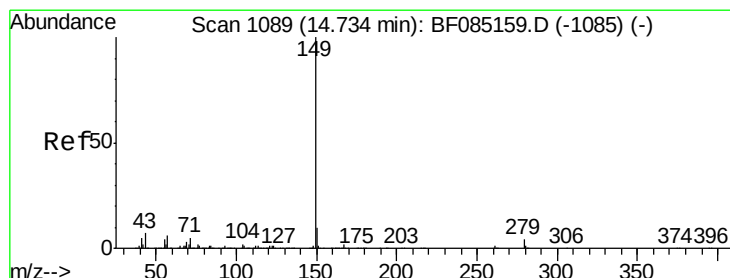
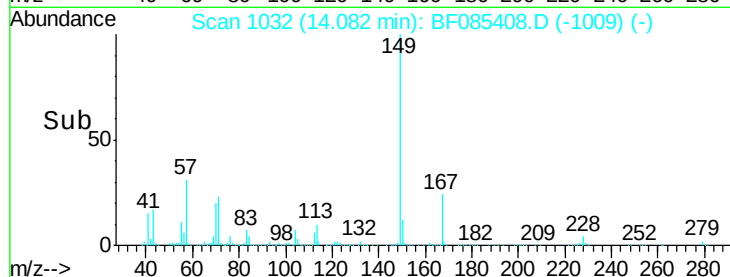
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time--> 14.00 14.05 14.10 14.15



#84

Di-n-octyl phthalate

Concen: 54.99 ng

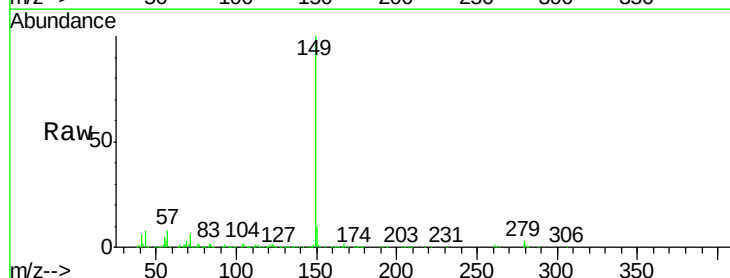
RT: 14.70 min Scan# 1086

Delta R.T. -0.03 min

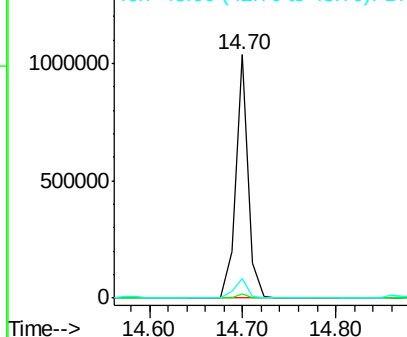
Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

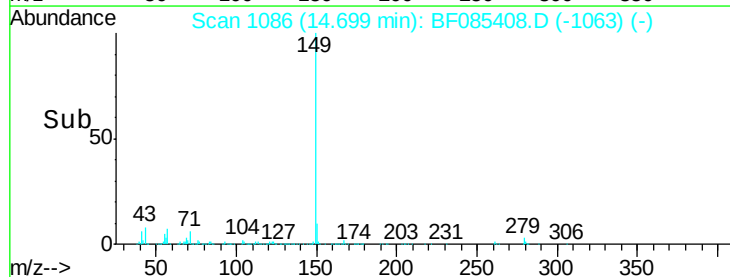
Tgt Ion:	149	Resp:	958137
Ion Ratio		Lower	Upper
149	100		
167	1.7	1.1	1.7#
43	8.7	7.8	11.8

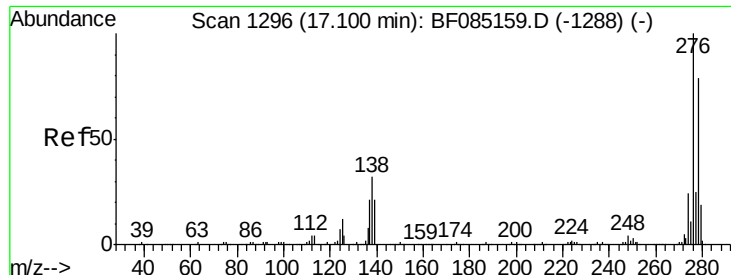


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



Time--> 14.60 14.70 14.80





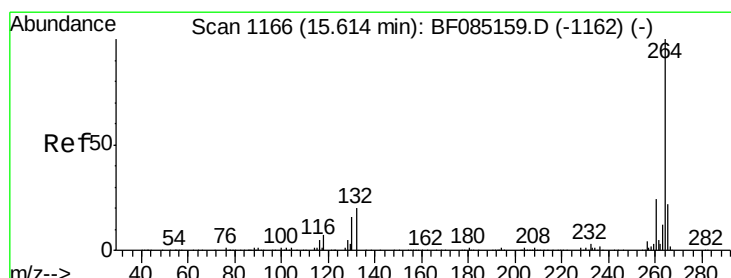
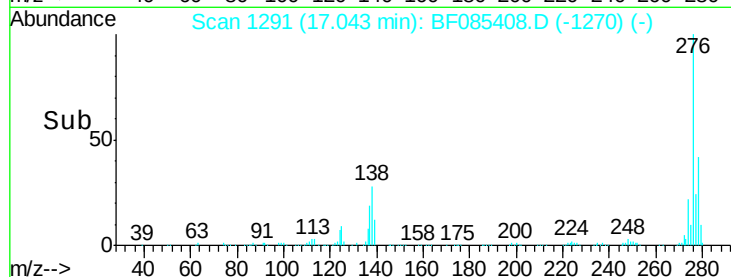
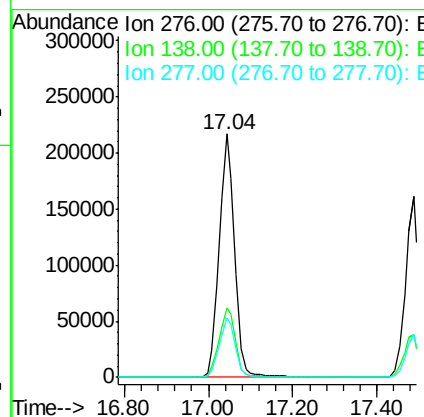
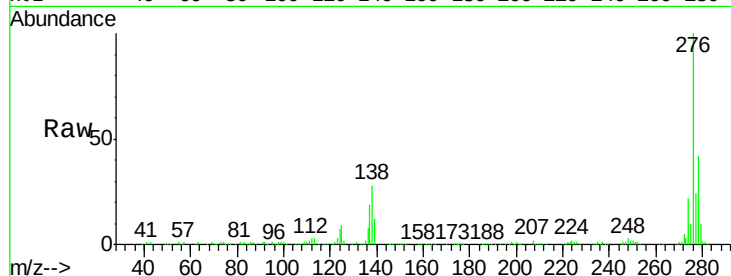
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.57 ng
RT: 17.04 min Scan# 1291
Delta R.T. -0.06 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	555692		
138	30.3	26.4	39.6	
277	25.4	20.2	30.2	

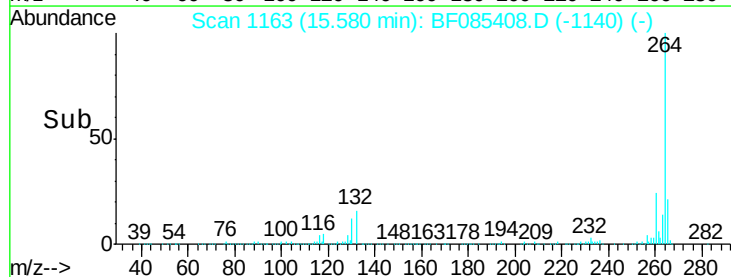
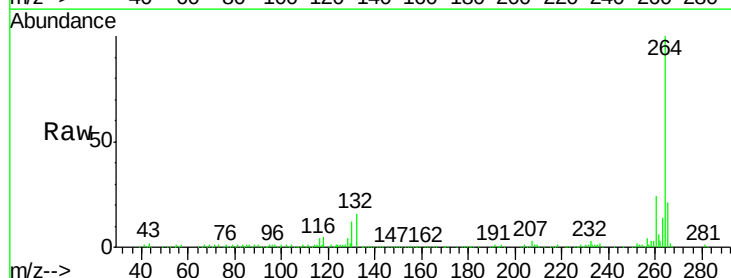
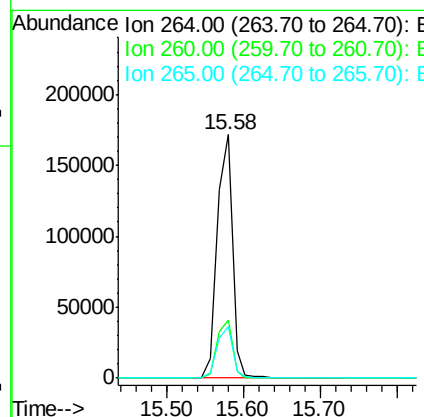
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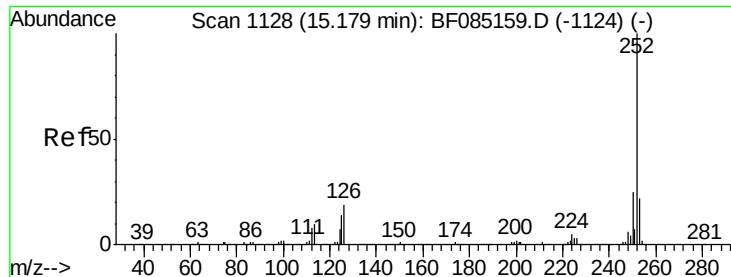
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085408.D
Acq: 12 Mar 2016 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	236367		
260	23.7	19.2	28.8	
265	21.1	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 50.54 ng

RT: 15.15 min Scan# 1125

Delta R.T. -0.03 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

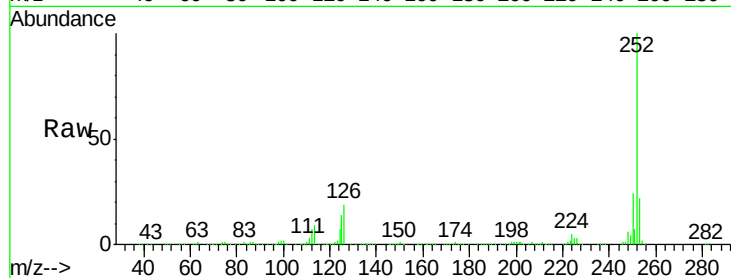
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

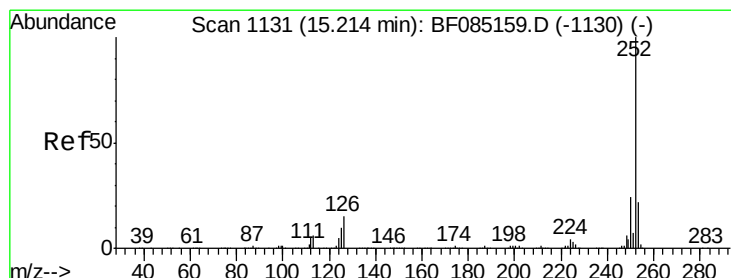
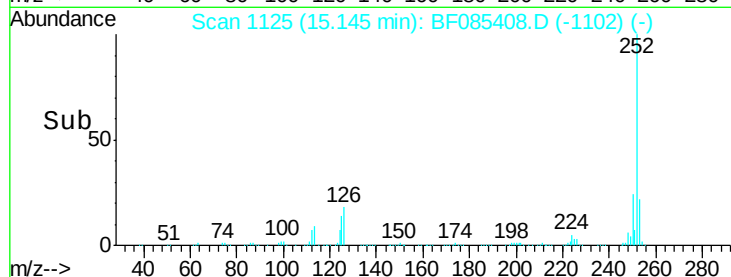
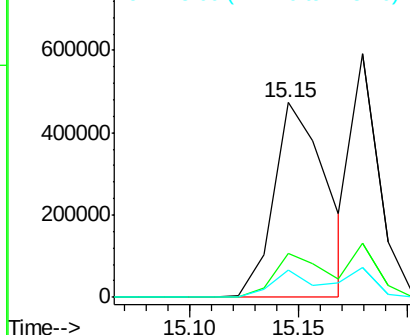
Tgt Ion:	252	Resp:	796310
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	14.2	11.3	16.9

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



#88

Benzo(k)fluoranthene

Concen: 40.24 ng m

RT: 15.18 min Scan# 1128

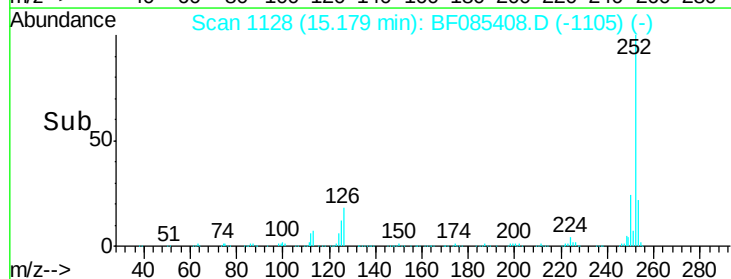
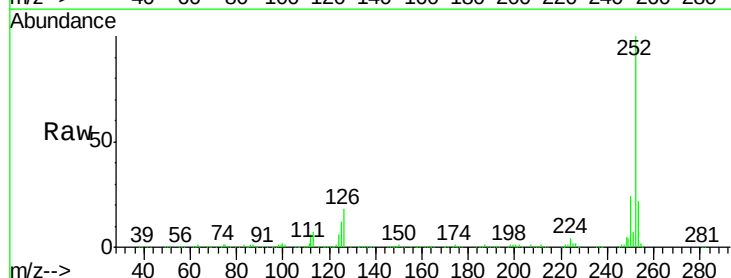
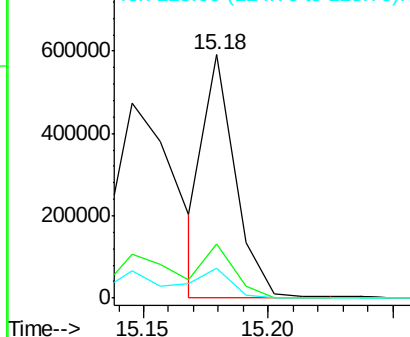
Delta R.T. -0.03 min

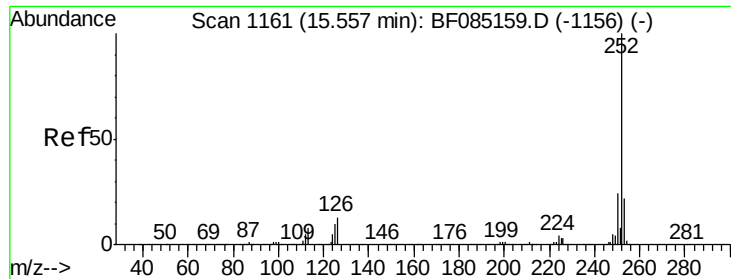
Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Tgt Ion:	252	Resp:	511329
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	12.1	10.4	15.6

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





#89

Benzo(a)pyrene

Concen: 49.80 ng

RT: 15.51 min Scan# 1157

Delta R.T. -0.05 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Instrument :

BNA_F

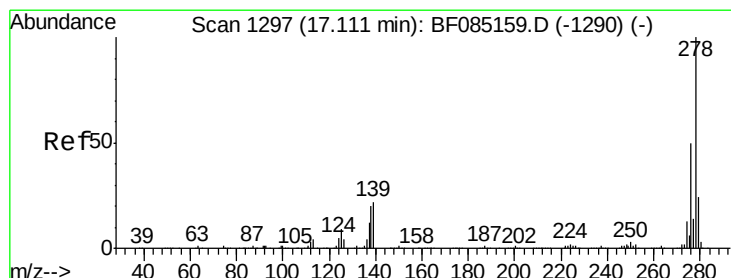
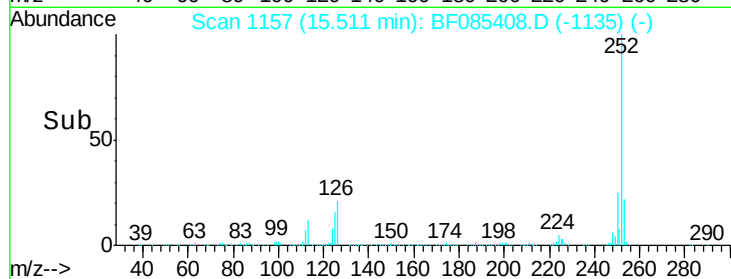
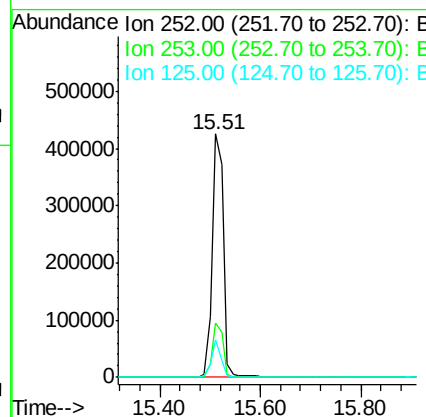
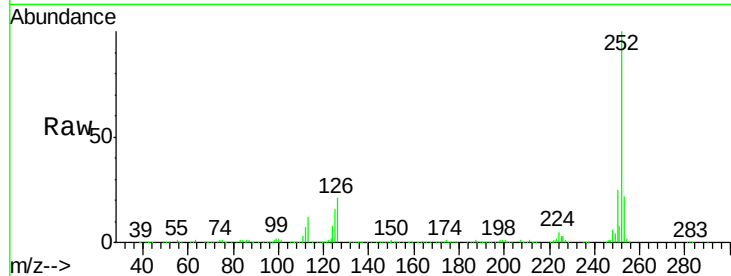
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:	252	Resp:	650104
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.0
125	15.6	8.2	12.4#

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#90

Dibenzo(a,h)anthracene

Concen: 42.94 ng

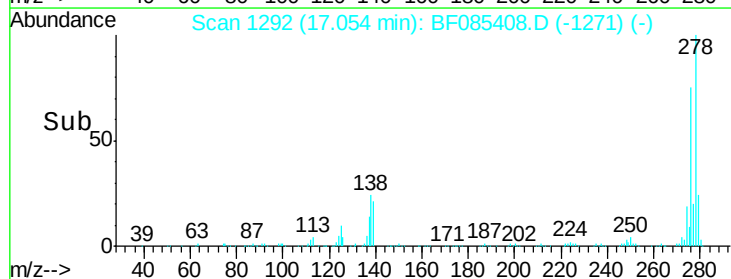
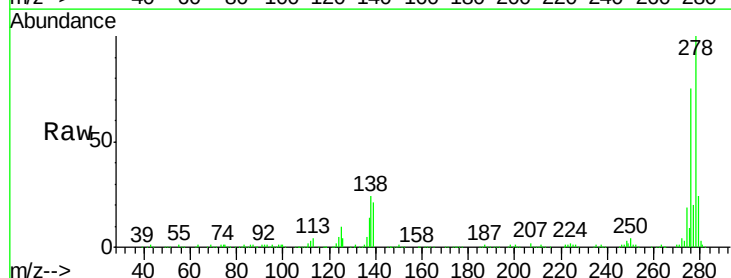
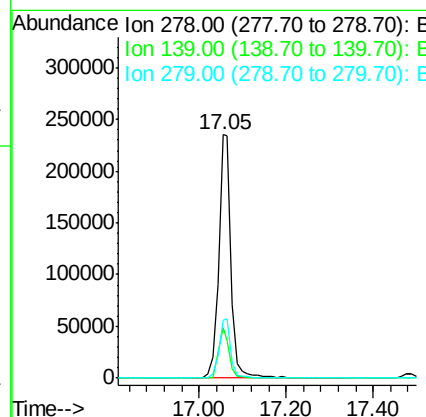
RT: 17.05 min Scan# 1292

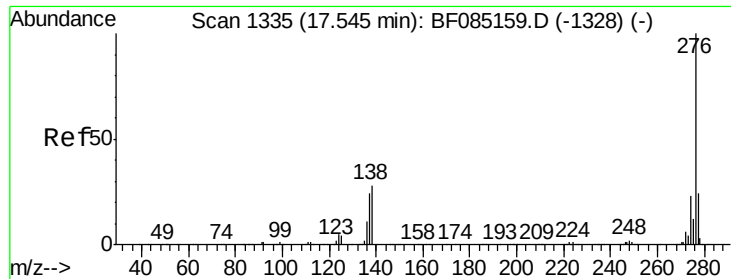
Delta R.T. -0.06 min

Lab File: BF085408.D

Acq: 12 Mar 2016 9:25

Tgt Ion:	278	Resp:	478555
Ion Ratio	Lower	Upper	
278	100		
139	20.7	17.3	25.9
279	23.8	19.2	28.8





#91
 Benzo(g,h,i)perylene
 Concen: 31.17 ng
 RT: 17.49 min Scan# 1330
 Delta R.T. -0.06 min
 Lab File: BF085408.D
 Acq: 12 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)MSD

Tgt Ion:	276	Resp:	349272
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.0	28.4
138	23.3	22.5	33.7

Manual Integrations
 APPROVED

UMANGI
 3/14/2016 10:46:19 AM

