

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085578.D
 Acq On : 19 Mar 2016 17:41
 Operator : UM/SJ
 Sample : H1788-01MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Manual Integrations
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Quant Time: Mar 21 02:22:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	67489	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	280812	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	118389	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	233122	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	158020	20.00	ng	0.00
86) Perylene-d12	15.43	264	116055	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	953690	237.35	ng	0.01
7) Phenol-d6	6.49	99	1137154	220.66	ng	0.00
23) Nitrobenzene-d5	7.42	82	689249	142.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	308707	266.20	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1127100	-20.00	ng	-0.01
78) Terphenyl-d14	12.96	244	1159069	176.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	134064	68.64	ng	98
3) Pyridine	3.25	79	355770	74.18	ng	99
4) n-Nitrosodimethylamine	3.20	42	159027	79.43	ng	97
6) Aniline	6.52	93	379131	54.78	ng	98
8) 2-Chlorophenol	6.64	128	375193	80.72	ng	97
9) Benzaldehyde	6.40	77	73677	28.04	ng	92
10) Phenol	6.50	94	507775	86.51	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	363287	82.10	ng	95
12) 1,3-Dichlorobenzene	6.79	146	370628m	73.17	ng	
13) 1,4-Dichlorobenzene	6.87	146	386612	74.83	ng	98
14) 1,2-Dichlorobenzene	7.03	146	349154	76.11	ng	95
15) Benzyl Alcohol	7.00	79	279527	79.19	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	429613	73.83	ng	99
17) 2-Methylphenol	7.11	107	295819	76.77	ng	99
18) Hexachloroethane	7.36	117	139073	74.55	ng	# 81
19) n-Nitroso-di-n-propylamine	7.27	70	213435	69.34	ng	93
20) 3+4-Methylphenols	7.27	107	360092	80.69	ng	92
22) Acetophenone	7.27	105	462504	69.41	ng	# 95
24) Nitrobenzene	7.44	77	416607	78.67	ng	91
25) Isophorone	7.68	82	708122	73.11	ng	95
26) 2-Nitrophenol	7.76	139	196849	75.22	ng	# 86
27) 2,4-Dimethylphenol	7.80	122	328177	70.91	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	398130	72.26	ng	98
29) 2,4-Dichlorophenol	8.00	162	301561	78.90	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	314774	73.53	ng	96
31) Naphthalene	8.16	128	1031319	72.76	ng	99
32) Benzoic acid	7.90	122	120972	31.26	ng	98
33) 4-Chloroaniline	8.21	127	191184	32.91	ng	# 94
34) Hexachlorobutadiene	8.28	225	154880	67.88	ng	98
35) Caprolactam	8.57	113	98246m	74.71	ng	
36) 4-Chloro-3-methylphenol	8.70	107	335707	75.21	ng	97
37) 2-Methylnaphthalene	8.85	142	662031	76.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	263822	73.46	ng	98
40) Hexachlorocyclopentadiene	9.01	237	281016	173.62	ng	99

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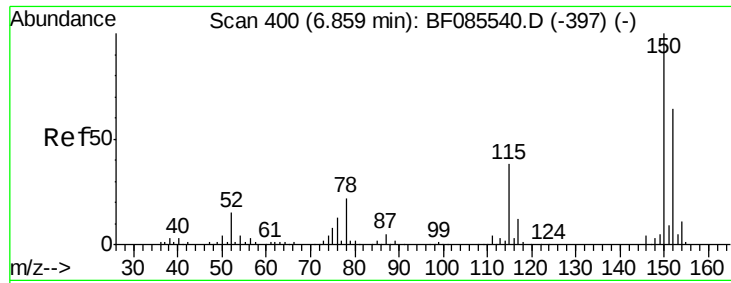
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	209564	85.25	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	216245	86.44	ng	99
45) 1,1'-Biphenyl	9.32	154	740775	72.53	ng	98
46) 2-Chloronaphthalene	9.34	162	564926	75.73	ng	93
47) 2-Nitroaniline	9.44	65	194913	86.37	ng	# 75
48) Acenaphthylene	9.75	152	973419	80.63	ng	99
49) Dimethylphthalate	9.62	163	933684	104.51	ng	99
50) 2,6-Dinitrotoluene	9.68	165	167060	88.58	ng	# 84
51) Acenaphthene	9.92	154	660837	87.22	ng	99
52) 3-Nitroaniline	9.85	138	131574	55.70	ng	# 75
53) 2,4-Dinitrophenol	9.96	184	148868	128.85	ng	87
54) Dibenzofuran	10.10	168	848214	91.94	ng	96
55) 4-Nitrophenol	10.01	139	239424	131.15	ng	93
56) 2,4-Dinitrotoluene	10.08	165	190874	77.30	ng	# 55
57) Fluorene	10.45	166	604907	78.67	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	167844	93.18	ng	98
59) Diethylphthalate	10.32	149	728399	82.01	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	310634	82.73	ng	89
61) 4-Nitroaniline	10.47	138	182073	78.20	ng	89
62) Azobenzene	10.60	77	768039	90.11	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	115645	77.52	ng	# 73
65) n-Nitrosodiphenylamine	10.55	169	535982	73.81	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	186667	80.15	ng	# 85
67) Hexachlorobenzene	10.98	284	184136	74.42	ng	# 71
68) Atrazine	11.09	200	188767	85.38	ng	93
69) Pentachlorophenol	11.18	266	204500	136.14	ng	99
70) Phenanthrene	11.40	178	941291	76.58	ng	99
71) Anthracene	11.45	178	992454	77.00	ng	99
72) Carbazole	11.60	167	862702	77.59	ng	99
73) Di-n-butylphthalate	11.95	149	1085569	77.97	ng	# 98
74) Fluoranthene	12.59	202	903088	70.17	ng	96
76) Benzidine	12.71	184	230691	43.41	ng	98
77) Pyrene	12.81	202	913310	80.50	ng	99
79) Butylbenzylphthalate	13.43	149	429972	79.50	ng	# 78
80) Benzo(a)anthracene	14.00	228	728856	79.45	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	145053	43.15	ng	# 95
82) Chrysene	14.04	228	678898	76.92	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	547428	81.47	ng	# 97
84) Di-n-octyl phthalate	14.60	149	906786	82.82	ng	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	581241	78.81	ng	99
87) Benzo(b)fluoranthene	15.03	252	646624m	85.39	ng	
88) Benzo(k)fluoranthene	15.05	252	500478m	80.22	ng	
89) Benzo(a)pyrene	15.37	252	535667	83.44	ng	98
90) Dibenzo(a,h)anthracene	16.85	278	486168	90.80	ng	100
91) Benzo(g,h,i)perylene	17.25	276	495029	95.52	ng	98

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



#1

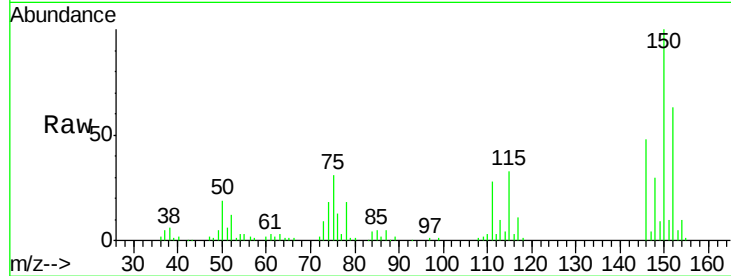
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

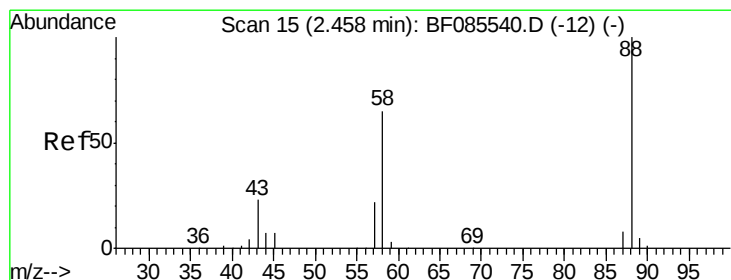
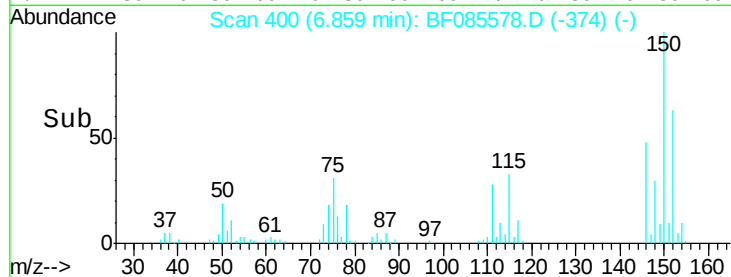
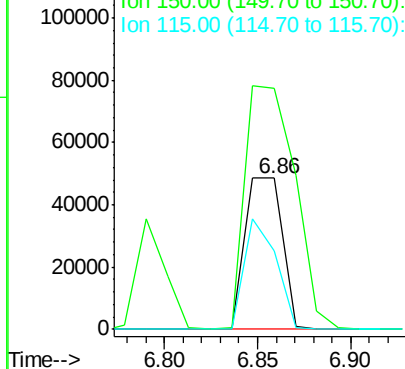
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.2	186.2
115	51.9	47.0	70.6

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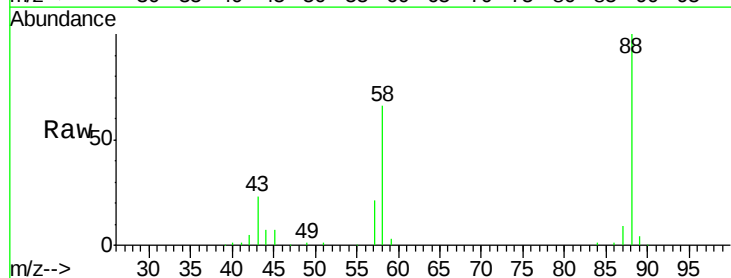
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



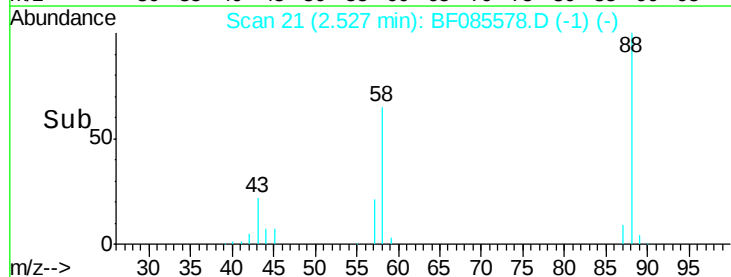
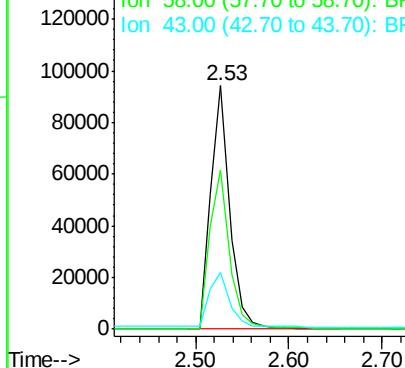
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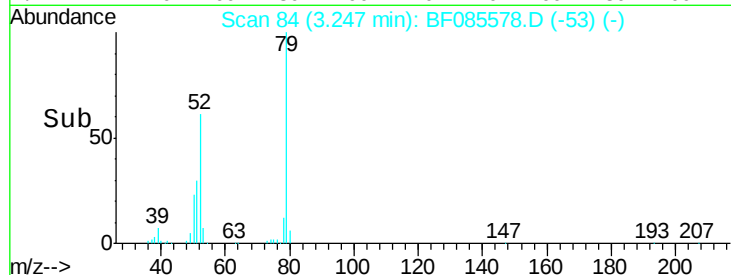
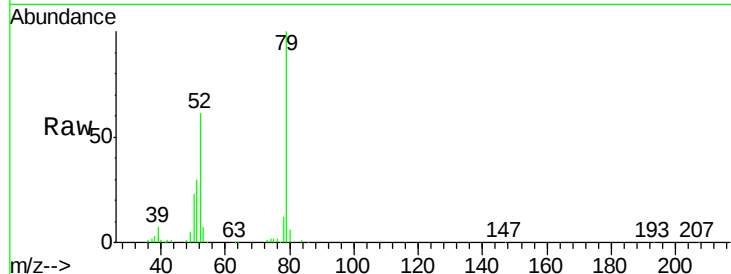
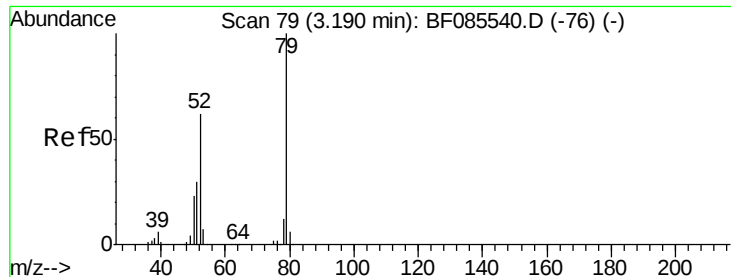
1,4-Dioxane
Concen: 68.64 ng
RT: 2.53 min Scan# 21
Delta R.T. 0.07 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	54.2	81.2
43	24.9	19.3	28.9



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





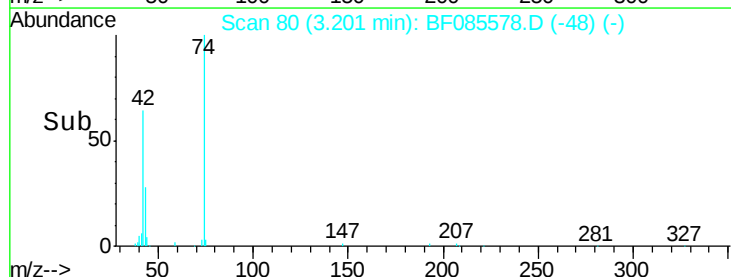
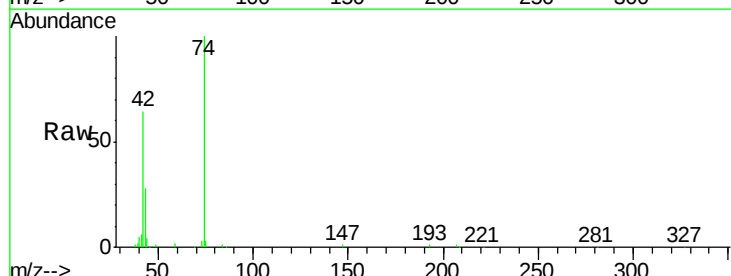
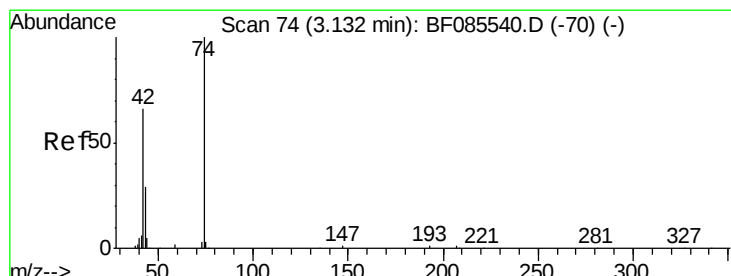
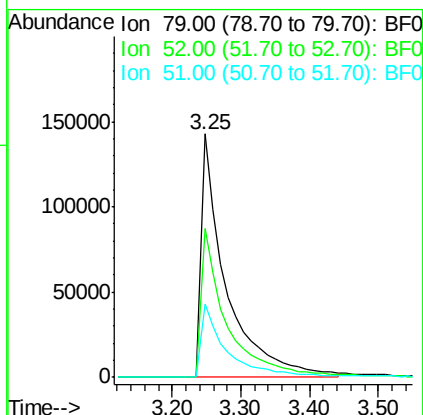
#3
 Pyridine
 Concen: 74.18 ng
 RT: 3.25 min Scan# 84
 Delta R.T. 0.06 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
79	100		
52	61.4	49.8	74.6
51	30.0	24.7	37.1

Instrument :
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 ClientSampleId :
 SB-1(8-9)MSD

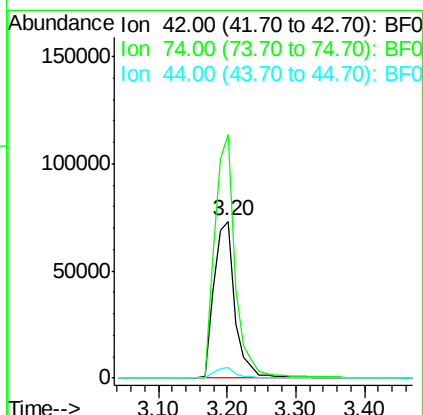
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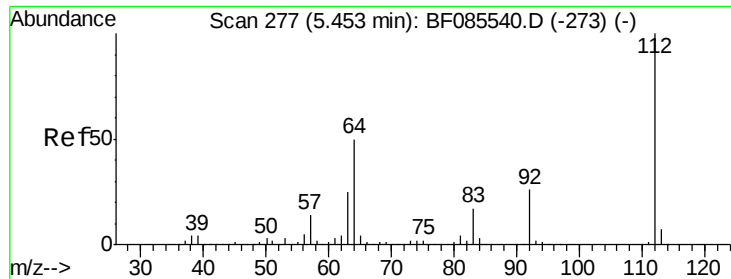
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#4
 n-Nitrosodimethylamine
 Concen: 79.43 ng
 RT: 3.20 min Scan# 80
 Delta R.T. 0.07 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.2	121.4	182.2
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 237.35 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085578.D

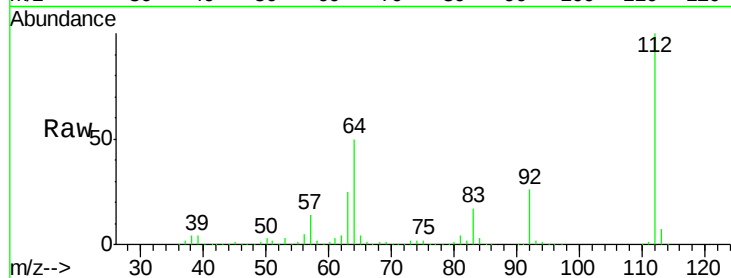
Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

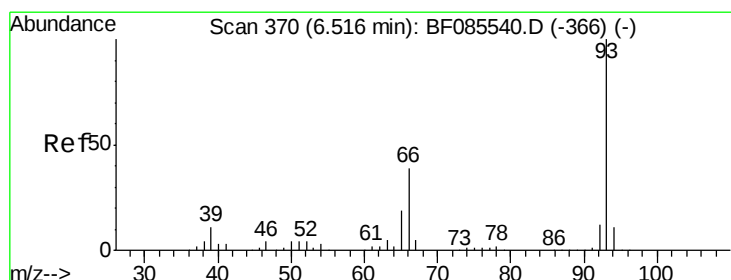
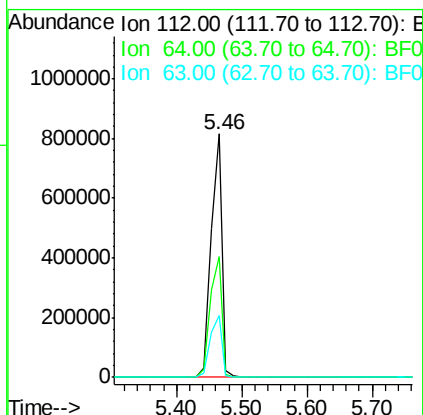
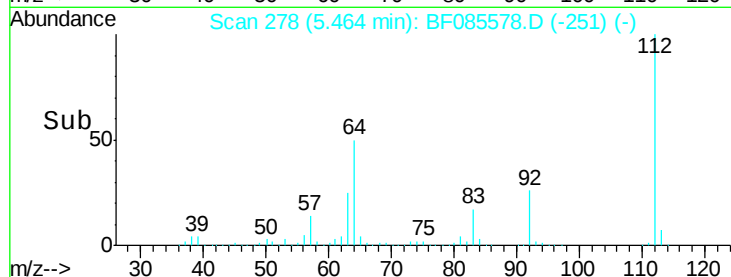
SB-1(8-9)MSD



Tgt Ion:	112	Resp:	953690
Ion Ratio	Lower	Upper	
112	100		
64	49.5	39.9	59.9
63	25.2	20.2	30.2

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#6

Aniline

Concen: 54.78 ng

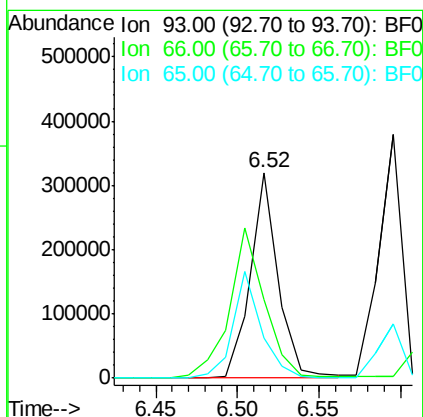
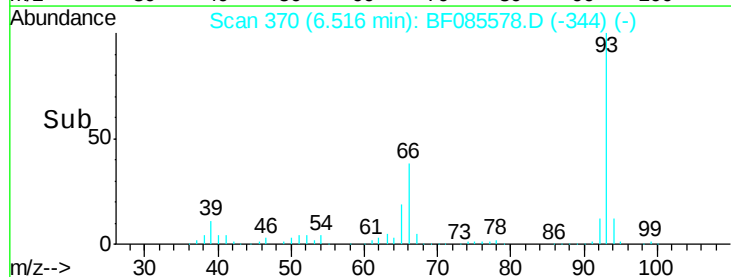
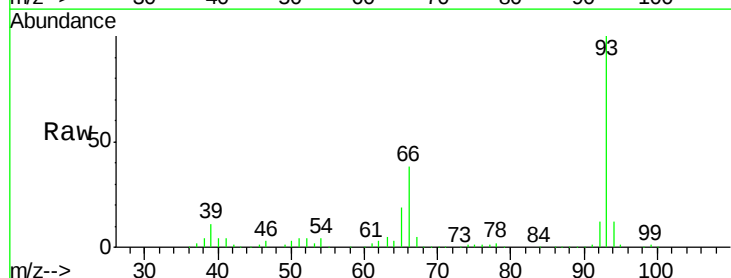
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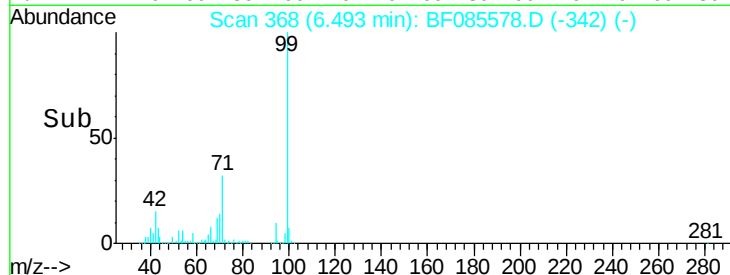
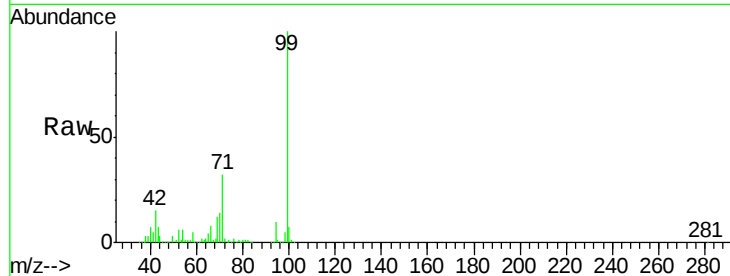
Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion:	93	Resp:	379131
Ion Ratio	Lower	Upper	
93	100		
66	37.8	31.4	47.2
65	19.4	15.7	23.5





#7

Phenol-d6

Concen: 220.66 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion:	99	Resp:	1137154
Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.1	16.7
71	32.2	24.9	37.3

Instrument :

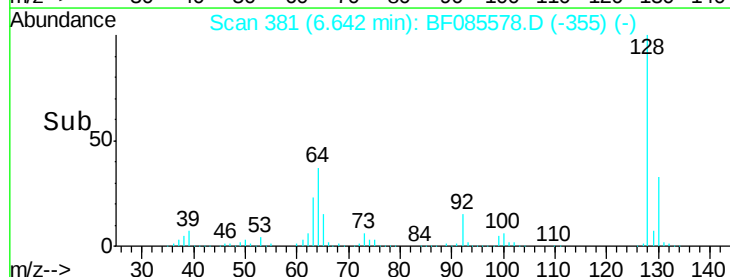
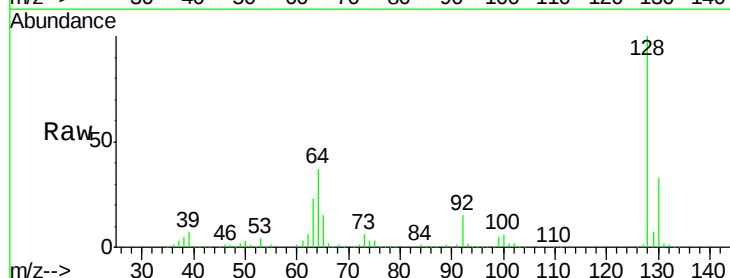
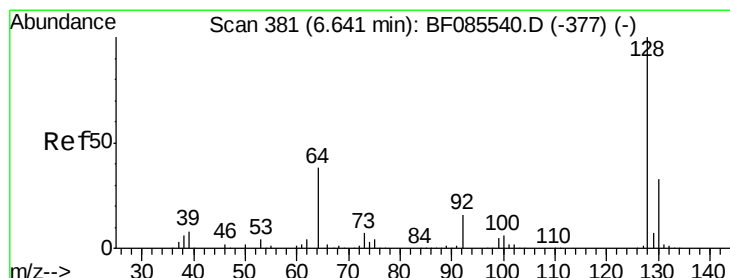
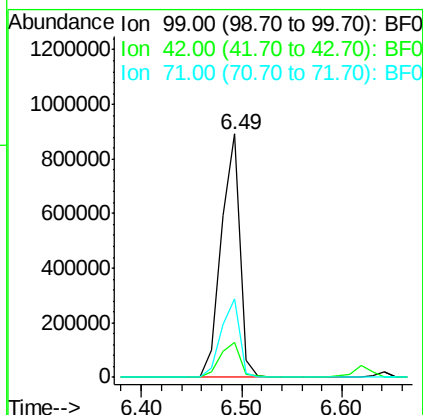
BNA_F

ClientSampleId :

SB-1(8-9)MSD

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#8

2-Chlorophenol

Concen: 80.72 ng

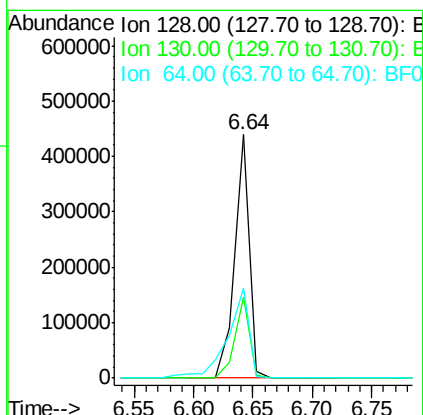
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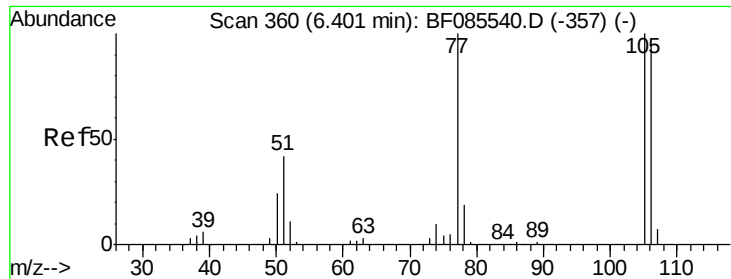
Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion:	128	Resp:	375193
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	36.9	20.2	60.2





#9

Benzaldehyde

Concen: 28.04 ng

RT: 6.40 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

Tgt Ion: 77 Resp: 73677

Ion Ratio Lower Upper

77 100

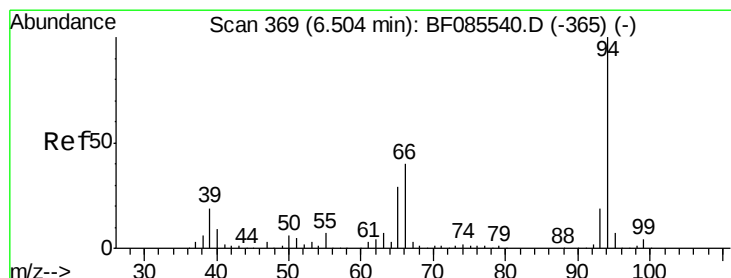
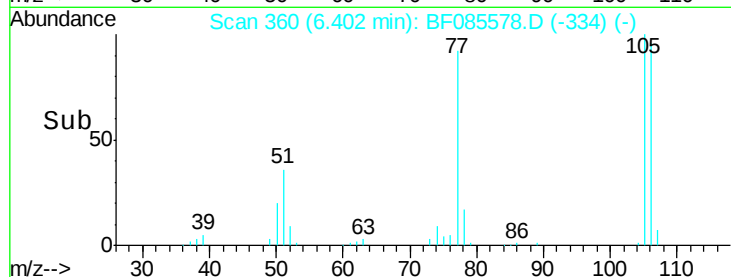
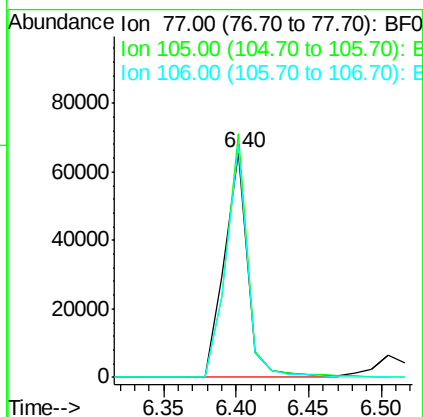
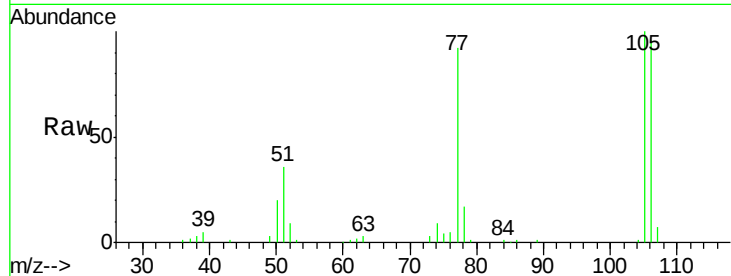
105 108.3 80.1 120.1

106 103.5 75.0 115.0

Manual Integrations
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#10

Phenol

Concen: 86.51 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

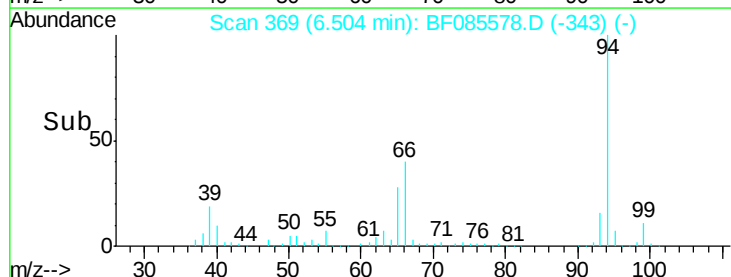
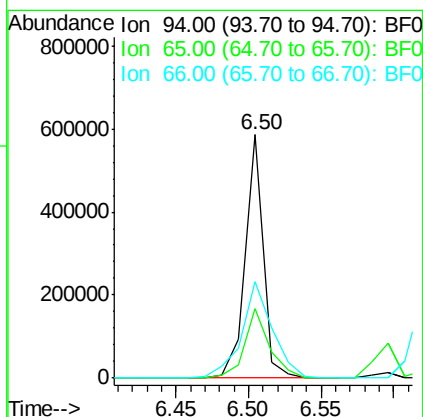
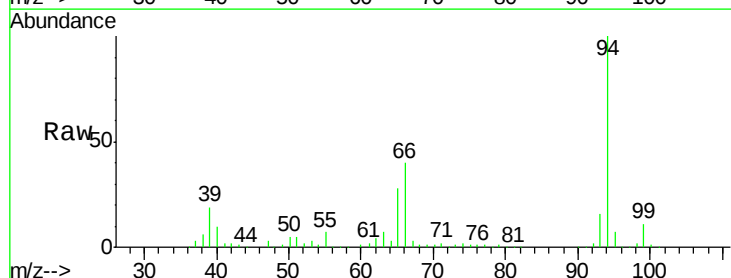
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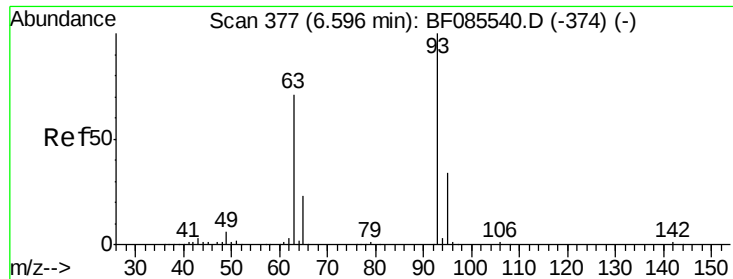
Ion Ratio Lower Upper

94 100

65 28.4 8.6 48.6

66 39.7 20.0 60.0





#11

bis(2-Chloroethyl)ether

Concen: 82.10 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

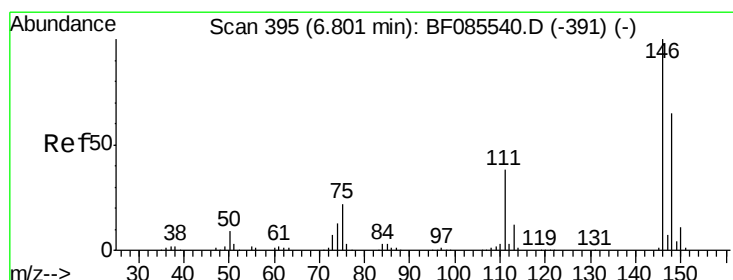
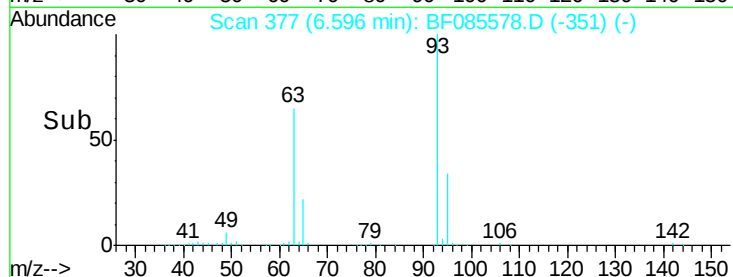
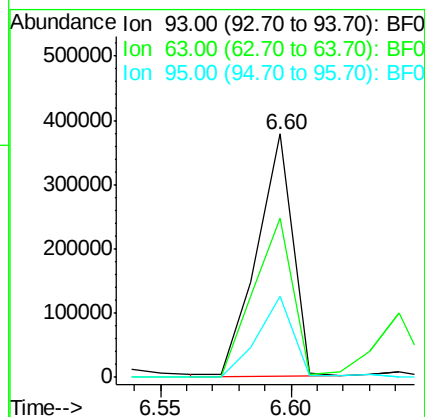
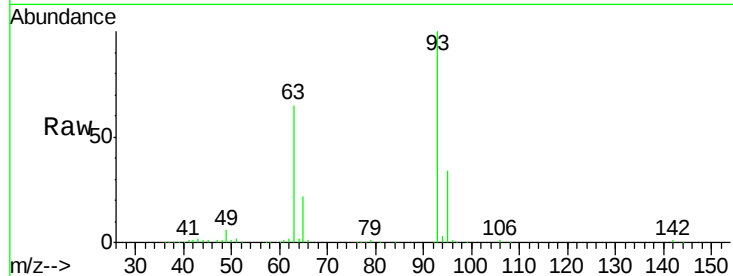
ClientSampleId :

SB-1(8-9)MSD

Tgt Ion:	93	Resp:	363287
Ion Ratio	Lower	Upper	
93	100		
63	65.4	50.9	90.9
95	33.6	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 73.17 ng m

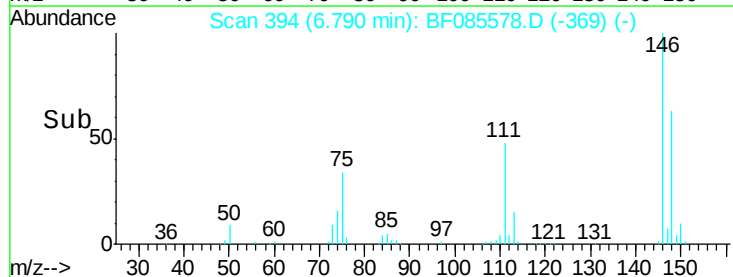
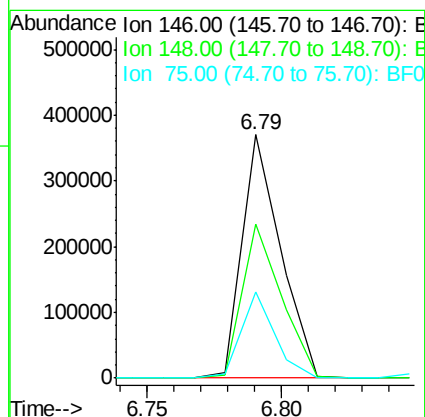
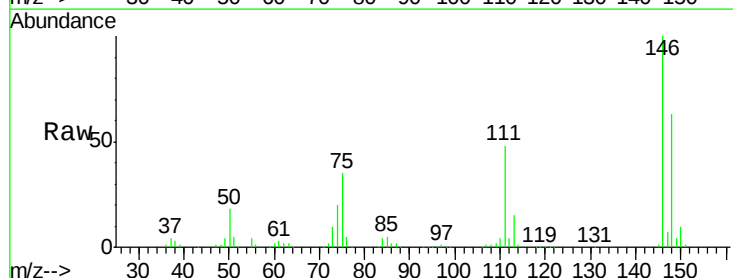
RT: 6.79 min Scan# 394

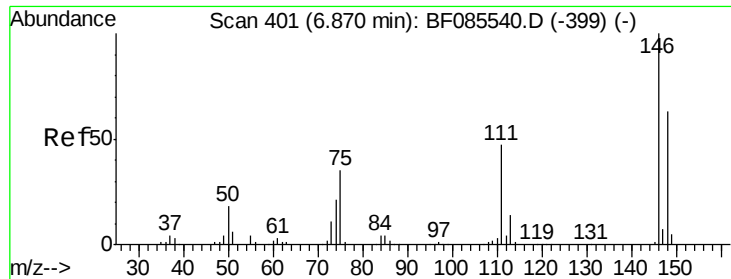
Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion:	146	Resp:	370628
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.3	78.5
75	35.3	17.4	26.2#





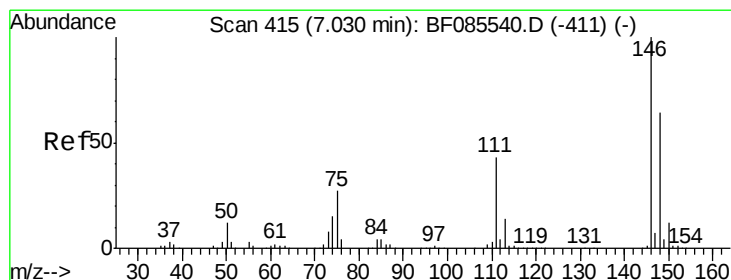
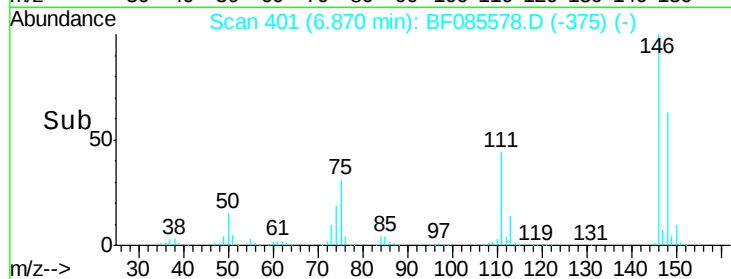
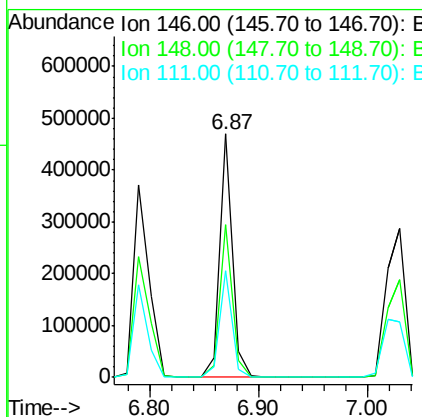
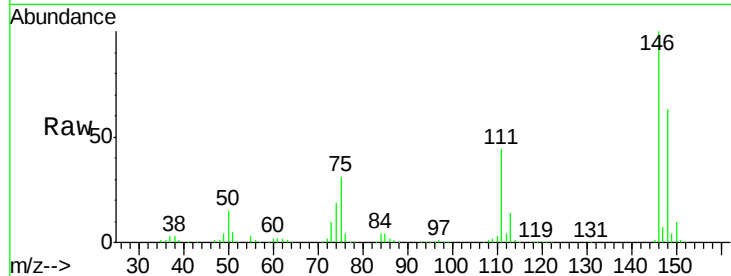
#13
 1,4-Dichlorobenzene
 Concen: 74.83 ng
 RT: 6.87 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	76.0
111	43.9	37.8	56.6

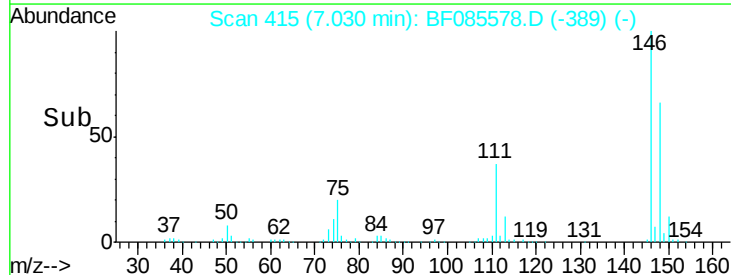
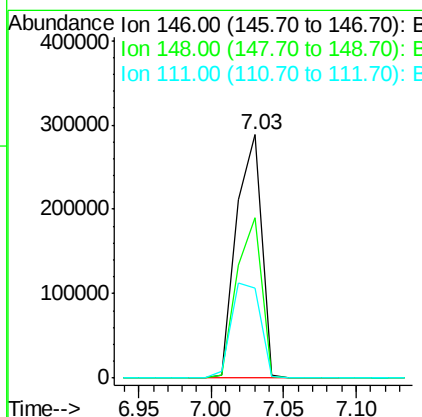
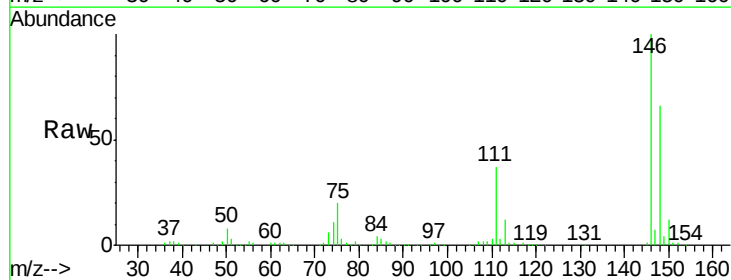
Manual Integrations
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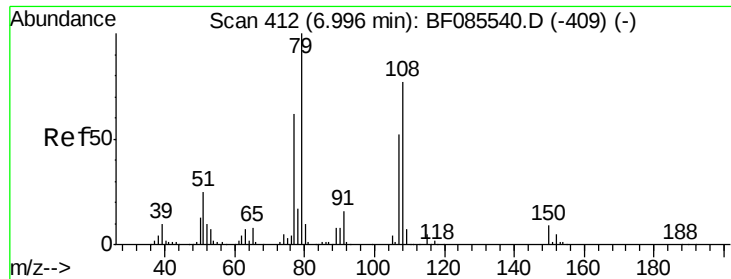
apatel
 3/21/2016 5:08:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 76.11 ng
 RT: 7.03 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
111	36.8	34.6	52.0





#15

Benzyl Alcohol

Concen: 79.19 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

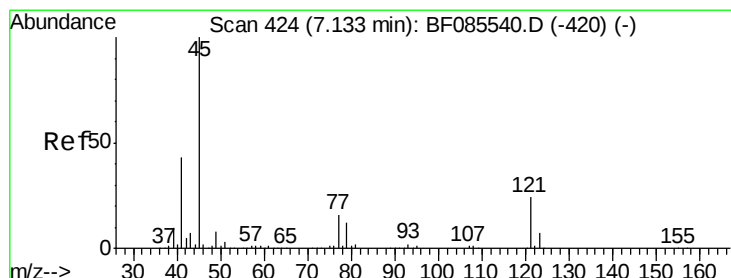
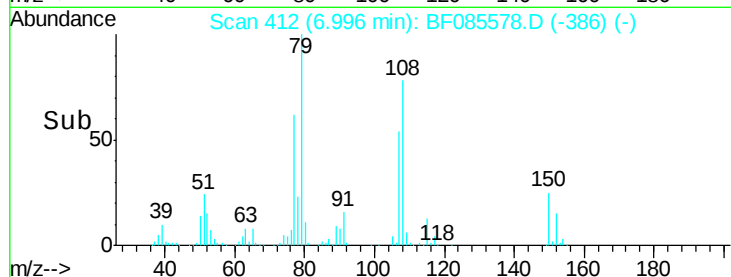
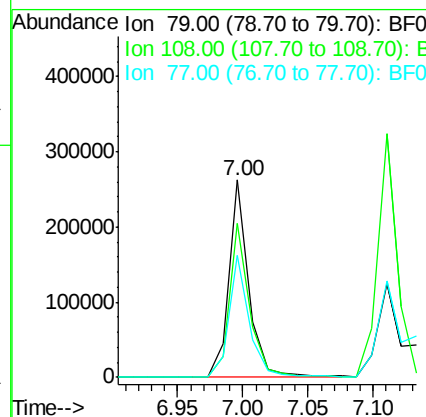
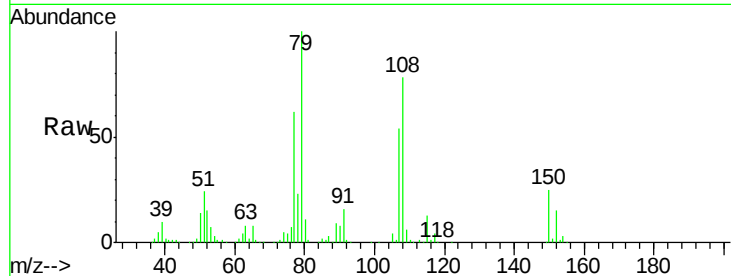
ClientSampleId :

SB-1(8-9)MSD

Tgt Ion:	79	Resp:	279527
Ion Ratio	Lower	Upper	
79	100		
108	78.1	61.8	92.6
77	61.9	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 73.83 ng

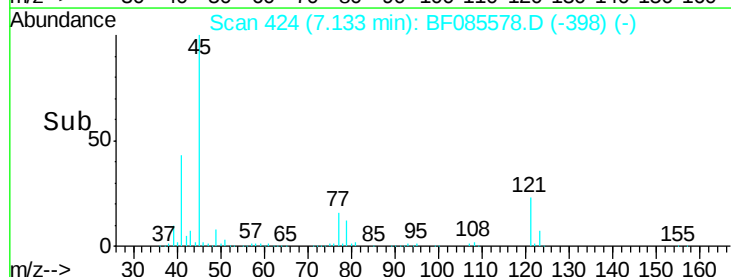
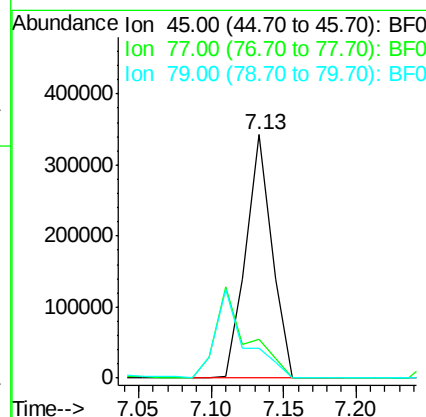
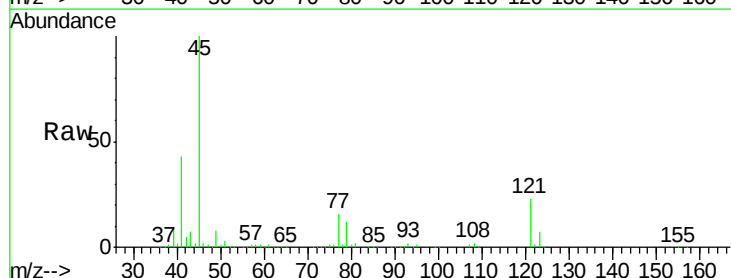
RT: 7.13 min Scan# 424

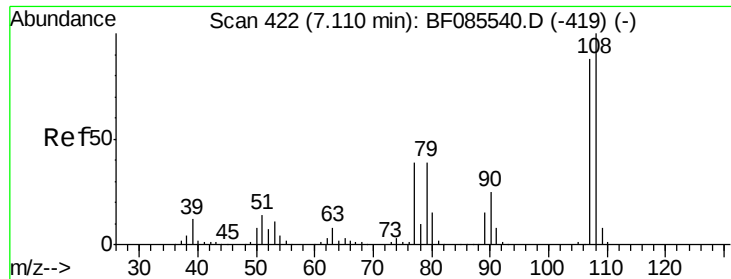
Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion:	45	Resp:	429613
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	35.7
79	12.4	0.0	32.2





#17

2-Methylphenol

Concen: 76.77 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085578.D

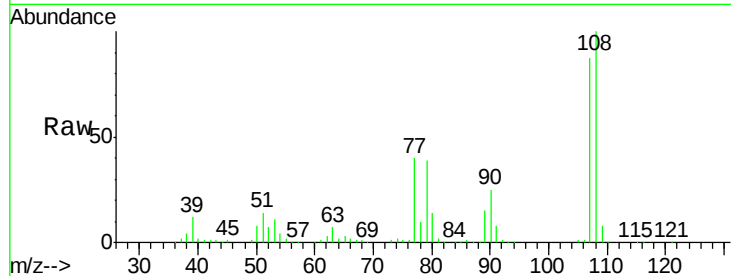
Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD



Tgt Ion:107 Resp: 295819

Ion Ratio Lower Upper

107 100

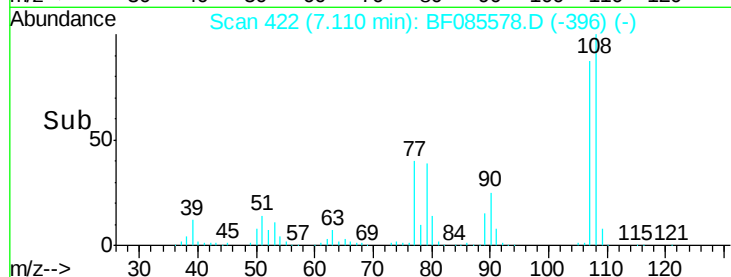
108 115.2 91.4 137.0

77 45.5 36.2 54.2

79 44.6 35.8 53.8

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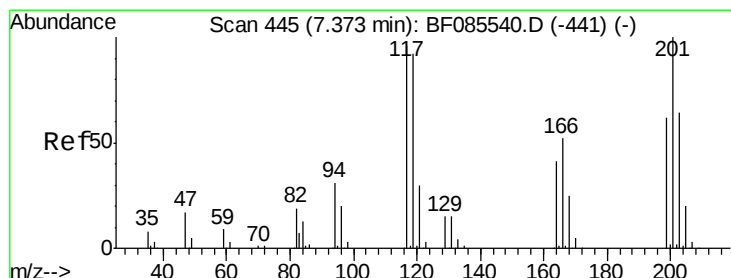
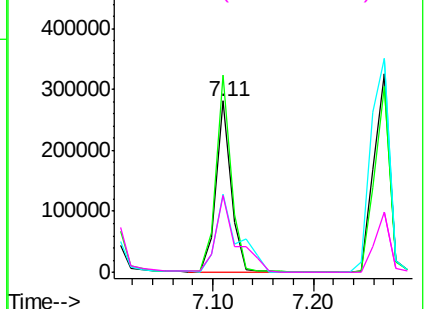


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 74.55 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

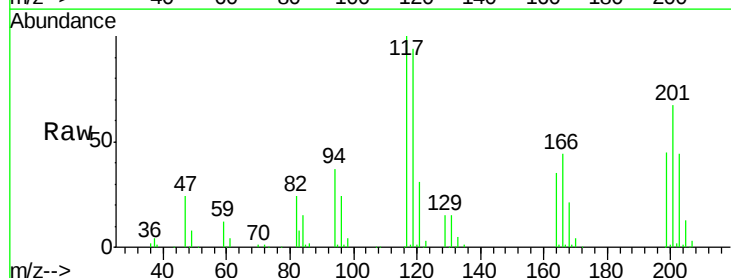
Tgt Ion:117 Resp: 139073

Ion Ratio Lower Upper

117 100

119 94.4 76.7 115.1

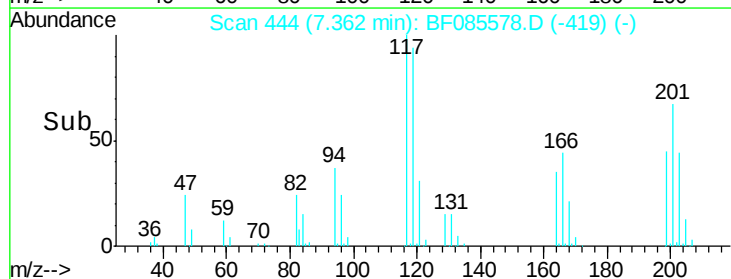
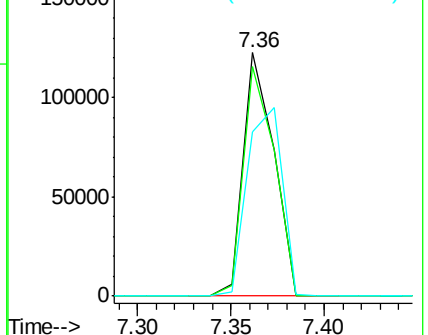
201 67.5 83.3 124.9#

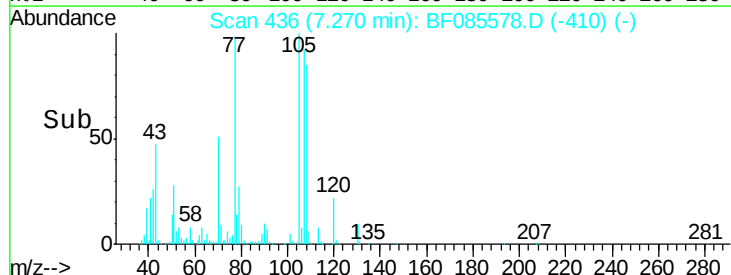
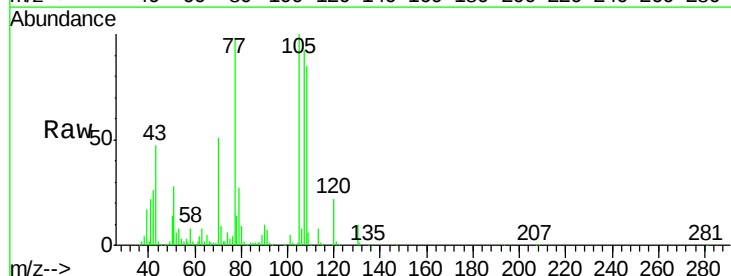
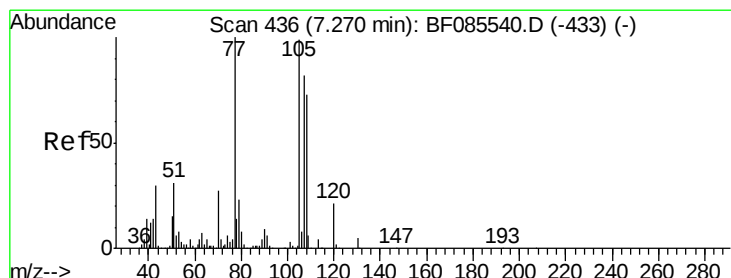
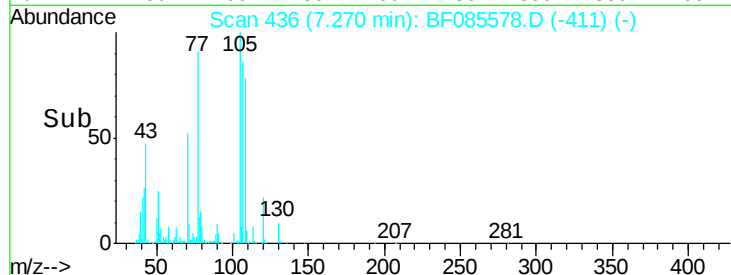
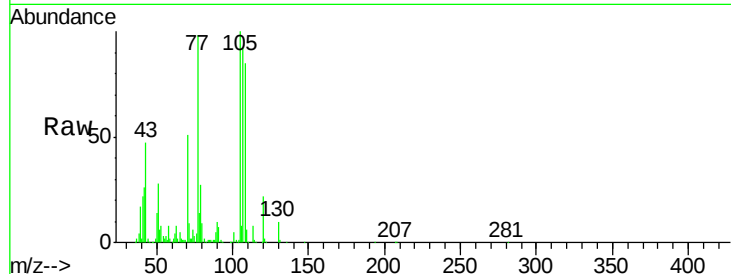
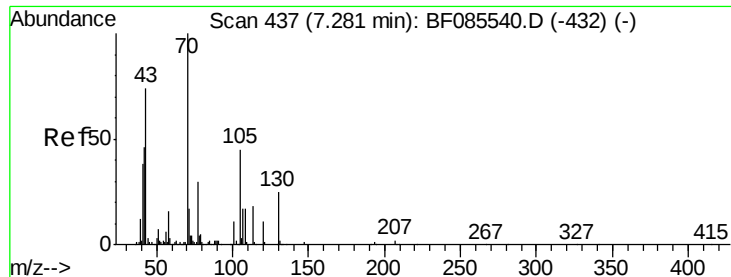


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

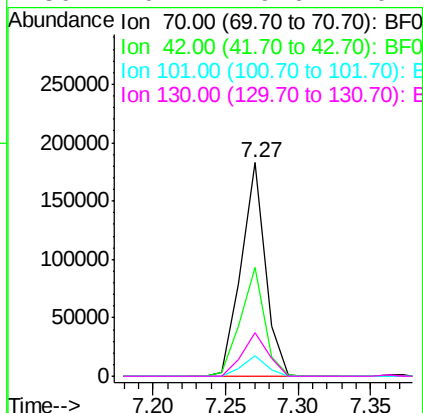




#19
n-Nitroso-di-n-propylamine
Concen: 69.34 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.9	37.1	55.7
101	9.7	8.6	12.8
130	20.4	19.6	29.4

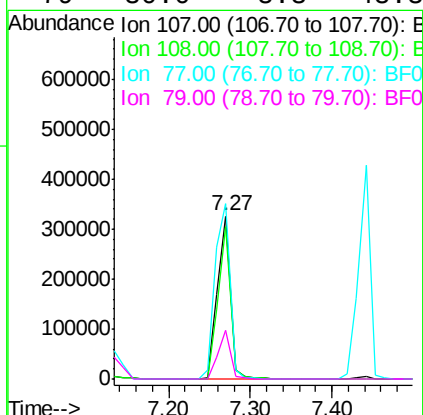


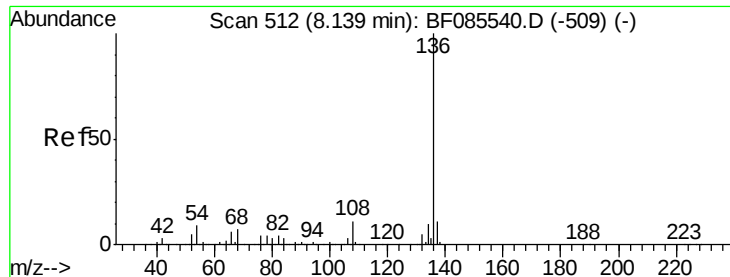
Manual Integrations
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#20
3+4-Methylphenols
Concen: 80.69 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	69.3	109.3
77	107.5	101.7	141.7
79	30.0	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

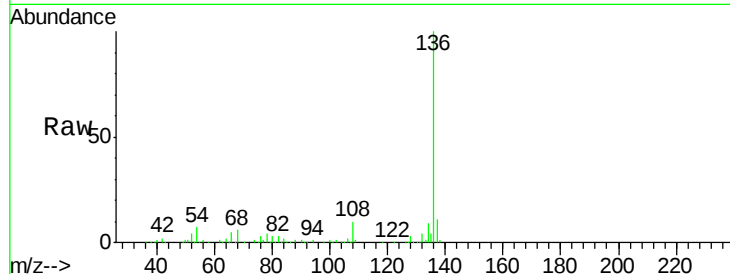
ClientSampleId :

SB-1(8-9)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.8	9.1	13.7
54	6.9	7.4	11.0#
68	5.8	5.8	8.8

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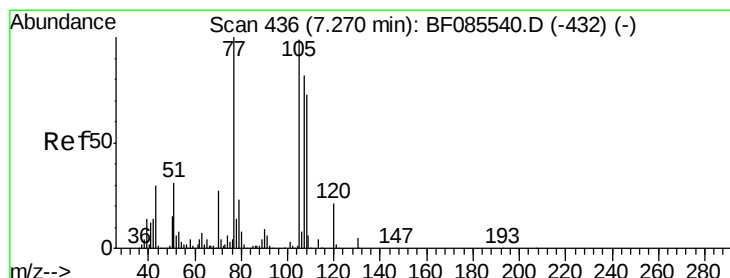
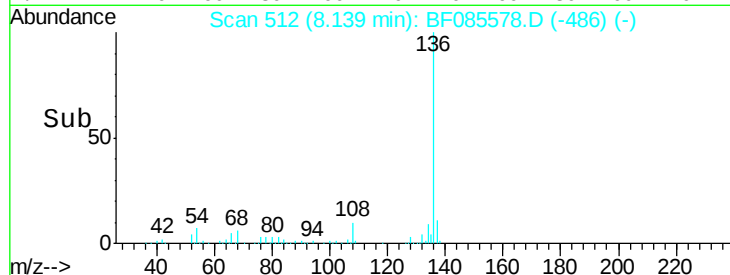
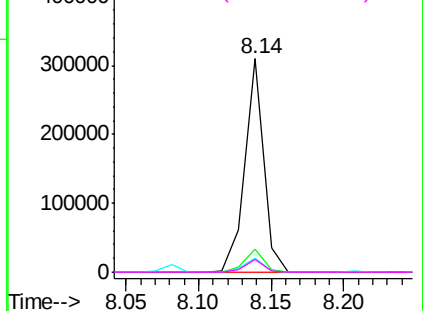


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 69.41 ng

RT: 7.27 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

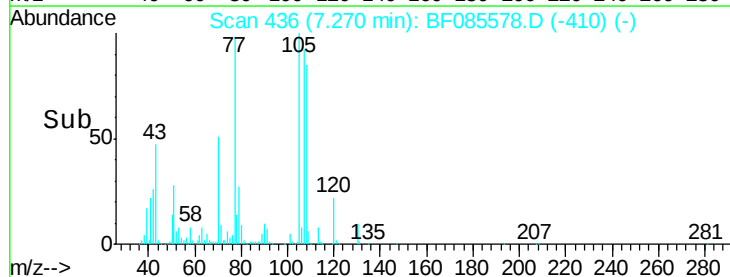
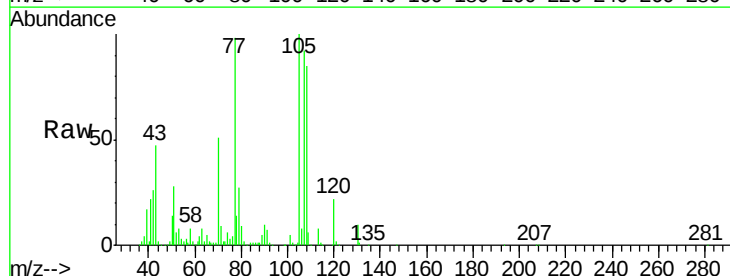
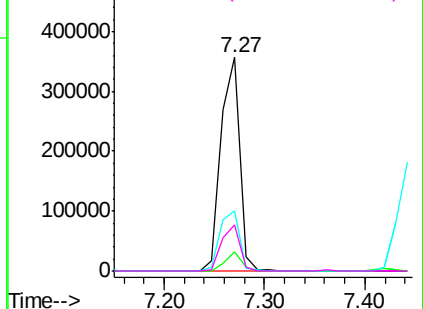
Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	8.7	3.6	5.4#
51	28.3	25.4	38.0
120	21.8	16.9	25.3

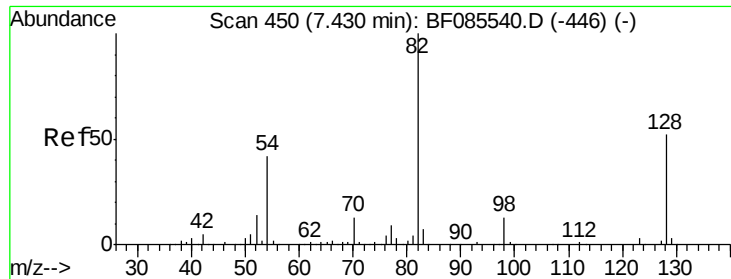
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





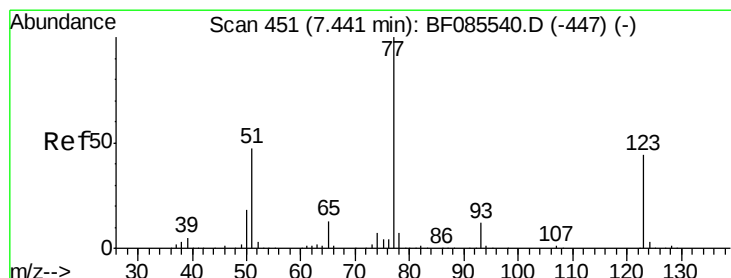
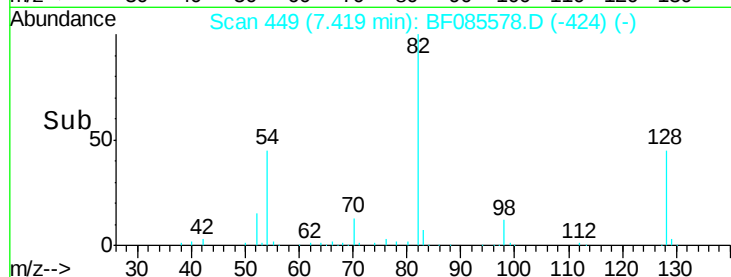
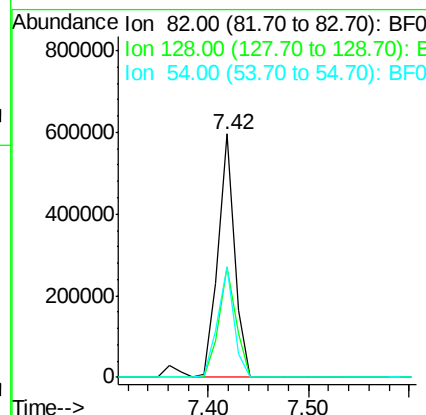
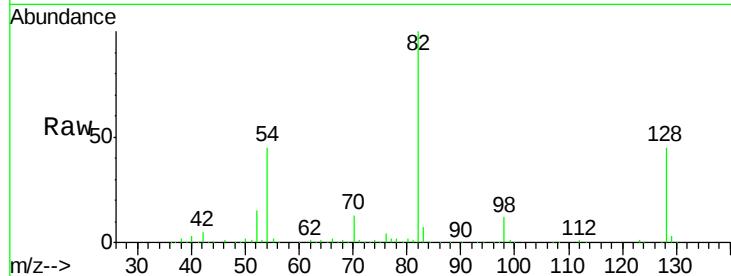
#23
 Nitrobenzene-d5
 Concen: 142.47 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	689249		
128	45.4	41.8	62.8	
54	45.3	33.4	50.0	

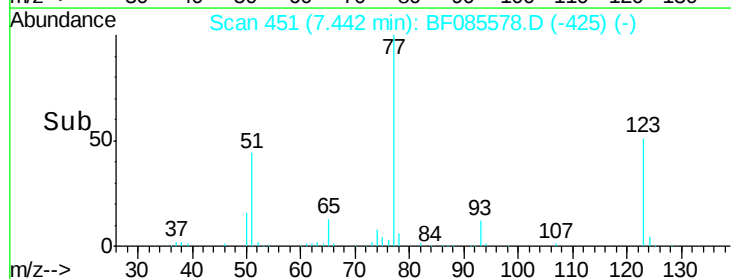
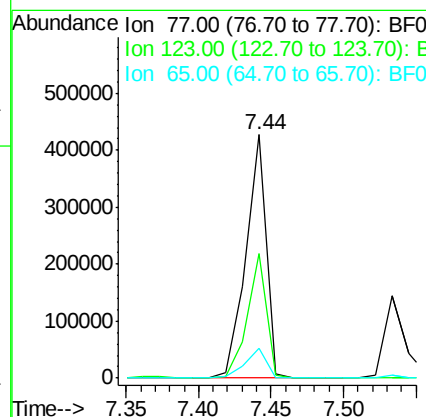
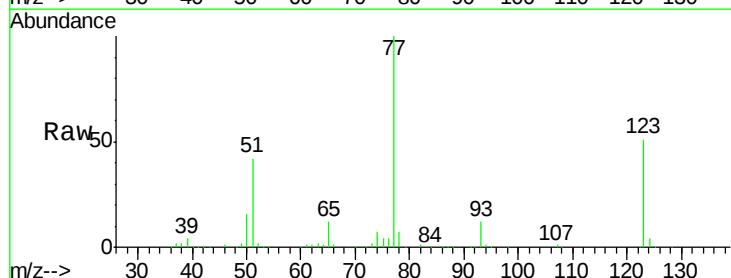
Manual Integrations
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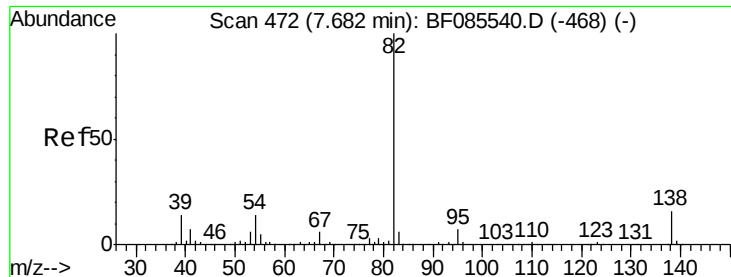
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#24
 Nitrobenzene
 Concen: 78.67 ng
 RT: 7.44 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	416607		
123	51.2	35.0	52.4	
65	12.5	10.6	16.0	





#25

Isophorone

Concen: 73.11 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

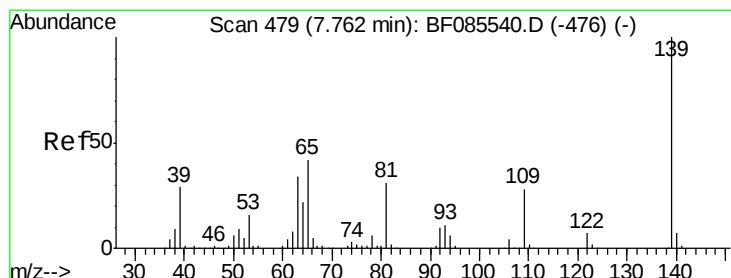
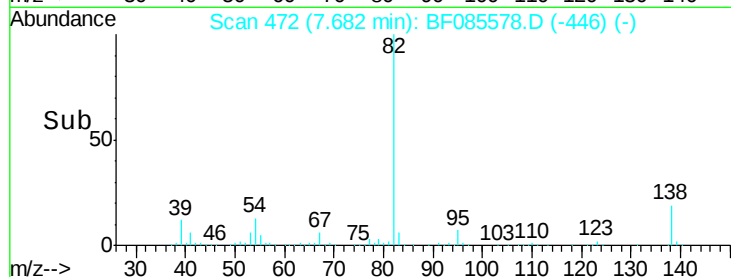
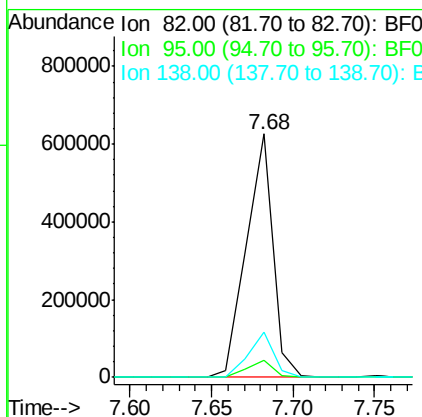
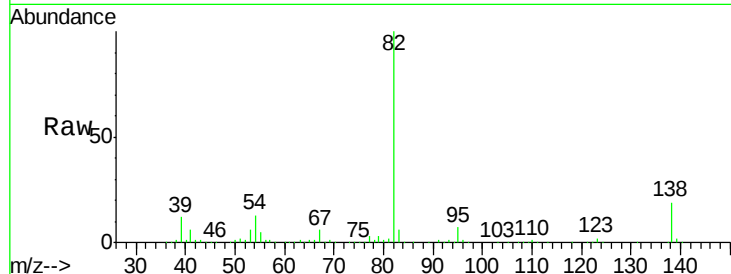
ClientSampleId :

SB-1(8-9)MSD

Tgt Ion:	82	Resp:	708122
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	18.8	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 75.22 ng

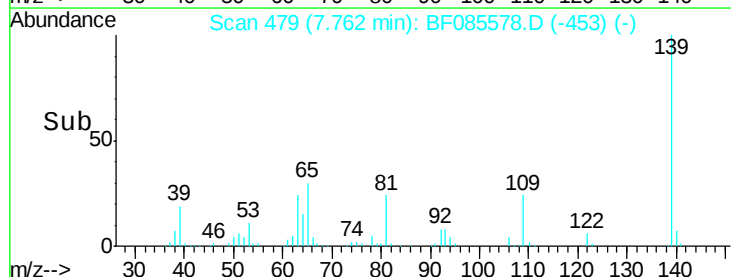
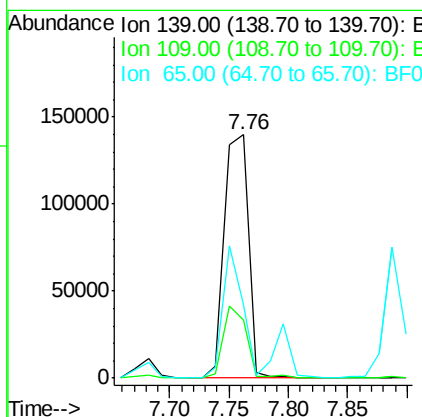
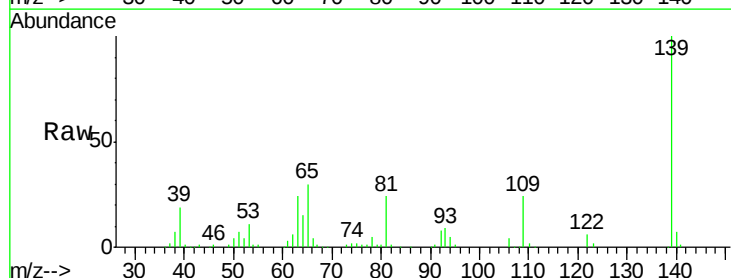
RT: 7.76 min Scan# 479

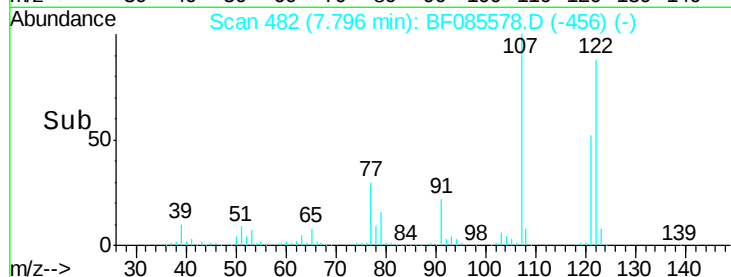
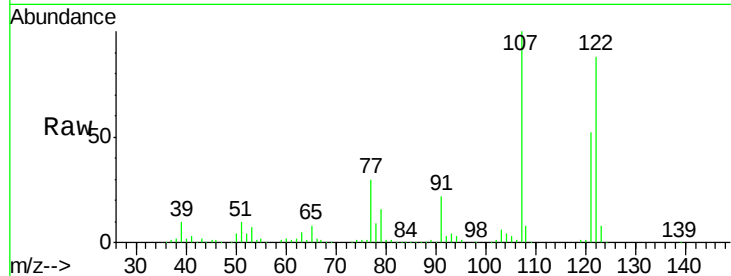
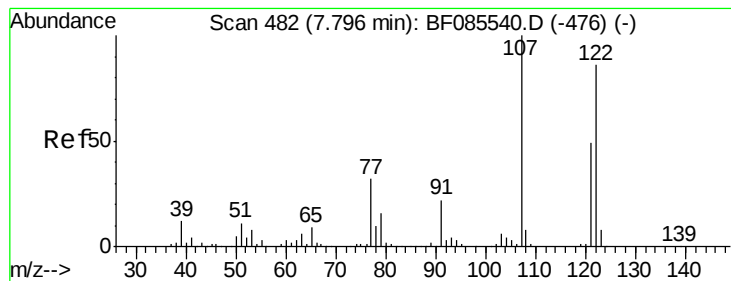
Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion:	139	Resp:	196849
Ion Ratio	Lower	Upper	
139	100		
109	23.9	22.1	33.1
65	30.2	33.9	50.9#





#27

2,4-Dimethylphenol

Concen: 70.91 ng

RT: 7.80 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion:	122	Resp:	328177
Ion Ratio	Lower	Upper	
122	100		
107	113.9	93.0	139.6
121	59.5	45.9	68.9

Instrument :

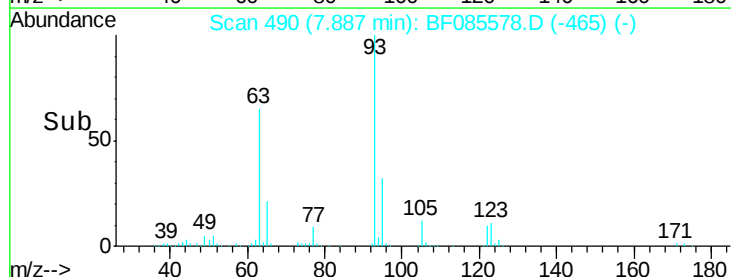
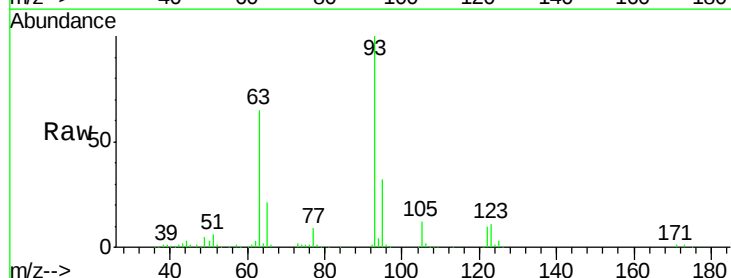
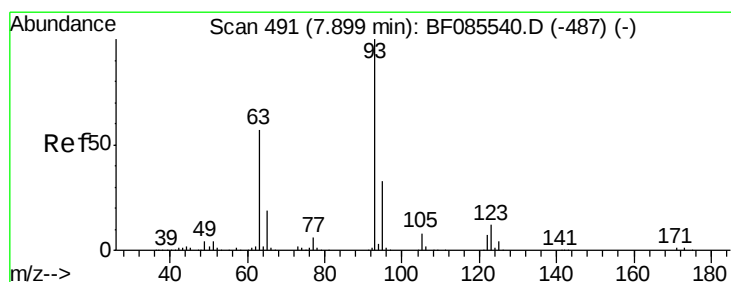
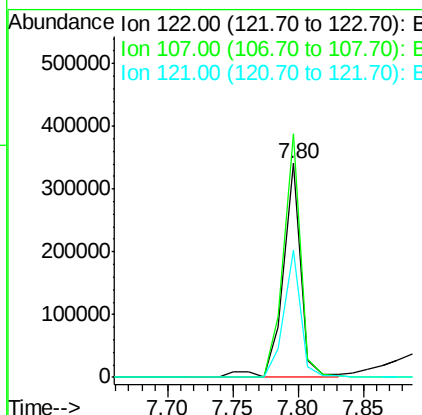
BNA_F

ClientSampleId :

SB-1(8-9)MSD

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#28

bis(2-Chloroethoxy)methane

Concen: 72.26 ng

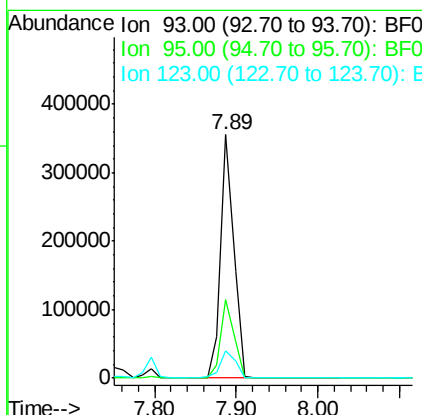
RT: 7.89 min Scan# 490

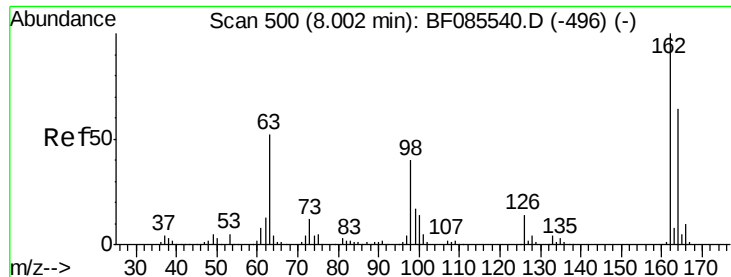
Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion:	93	Resp:	398130
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.4	39.6
123	11.0	9.8	14.6





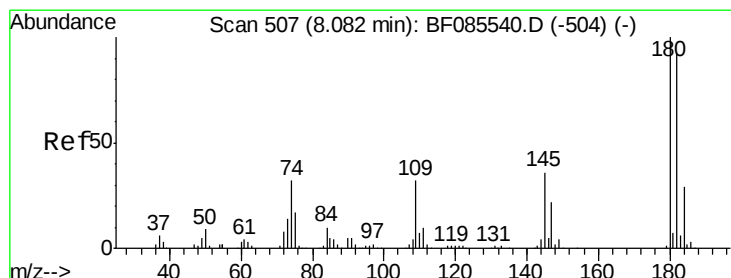
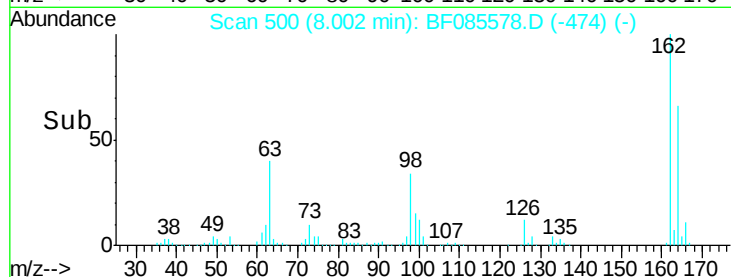
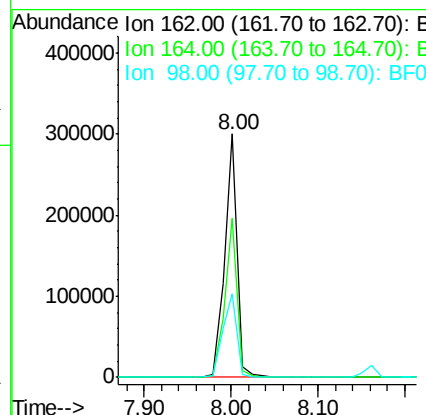
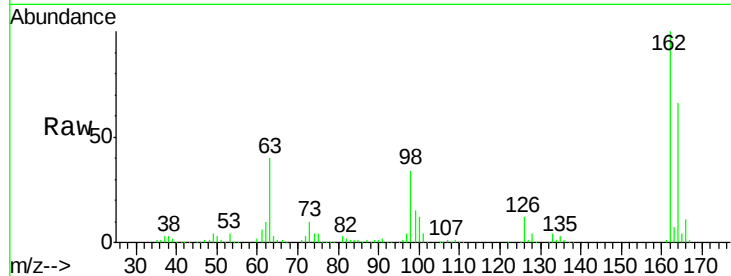
#29
2,4-Dichlorophenol
Concen: 78.90 ng
RT: 8.00 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	301561		
164	65.6	43.7	83.7	
98	34.4	20.4	60.4	

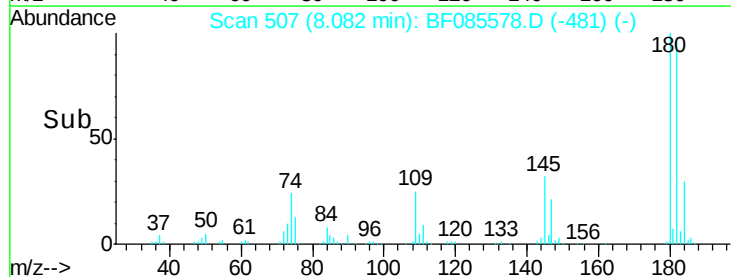
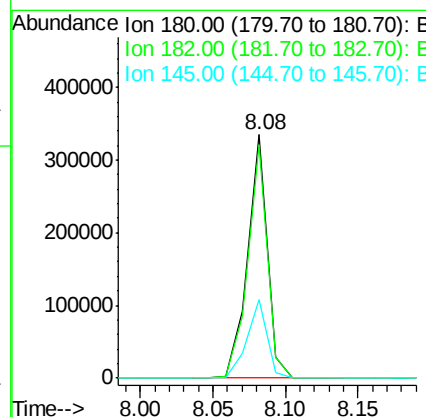
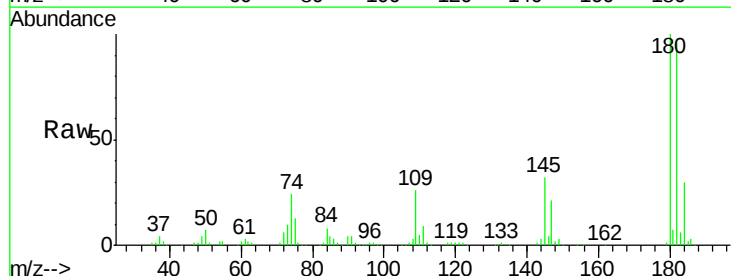
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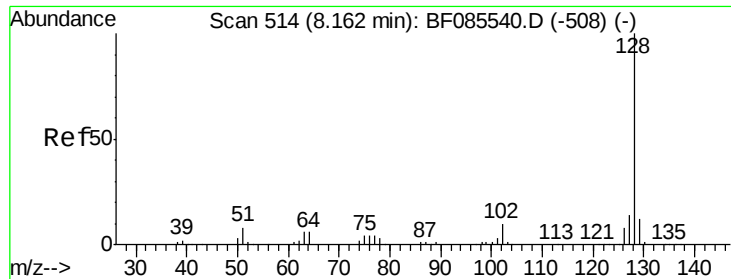
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#30
1,2,4-Trichlorobenzene
Concen: 73.53 ng
RT: 8.08 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	314774		
182	96.0	73.8	110.8	
145	32.5	28.4	42.6	





#31

Naphthalene

Concen: 72.76 ng

RT: 8.16 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

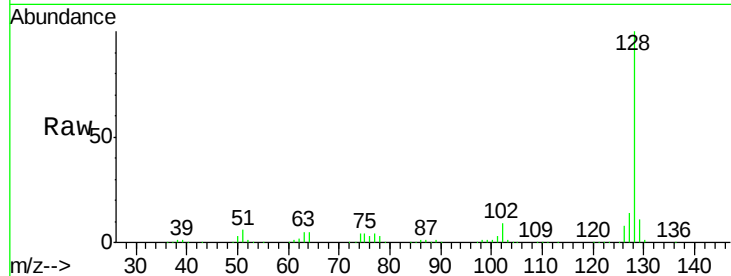
ClientSampleId :

SB-1(8-9)MSD

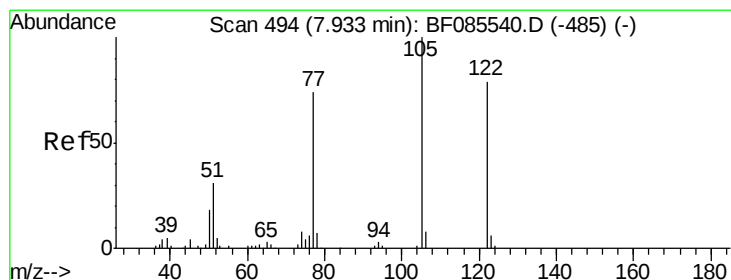
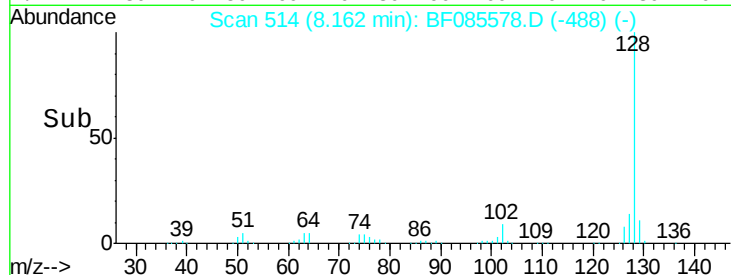
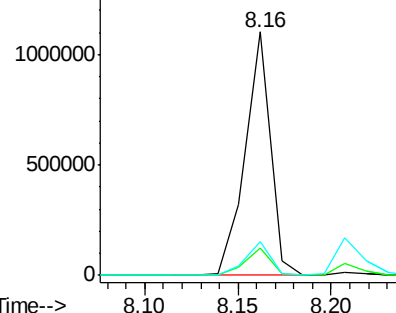
Tgt Ion:	128	Resp:	1031319
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.4	14.0
127	13.6	11.0	16.6

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



#32

Benzoic acid

Concen: 31.26 ng

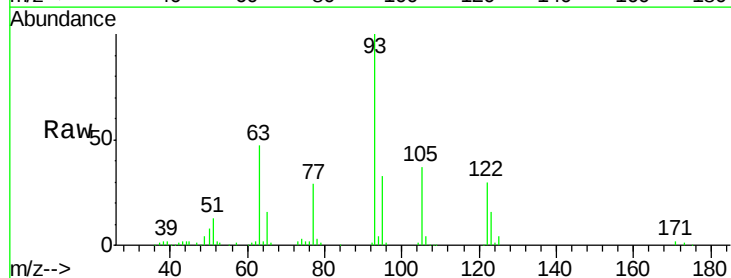
RT: 7.90 min Scan# 491

Delta R.T. -0.03 min

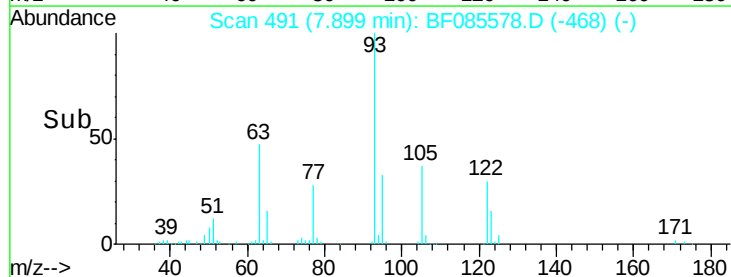
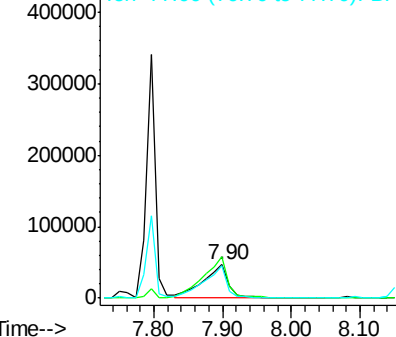
Lab File: BF085578.D

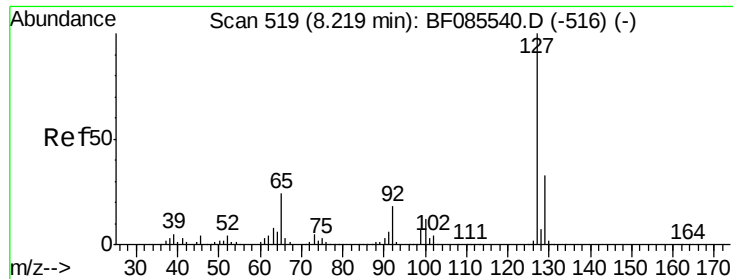
Acq: 19 Mar 2016 17:41

Tgt Ion:	122	Resp:	120972
Ion Ratio	Lower	Upper	
122	100		
105	123.4	102.9	142.9
77	96.0	71.8	111.8



Abundance Ion 122.00 (121.70 to 122.70): E
400000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





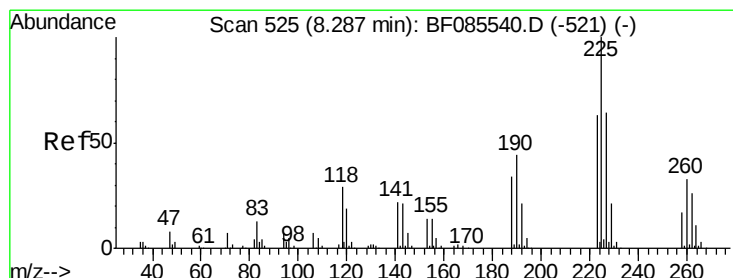
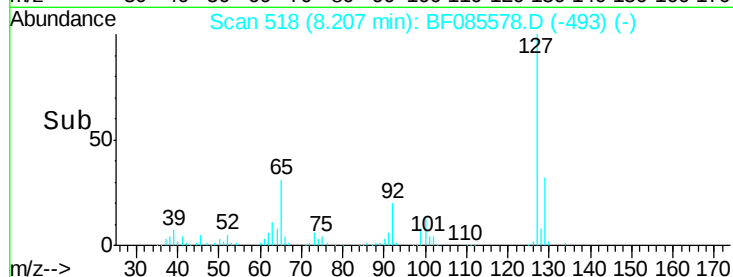
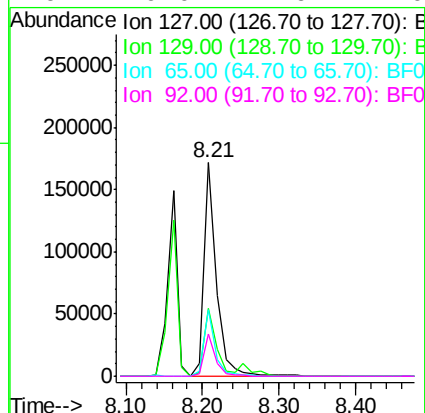
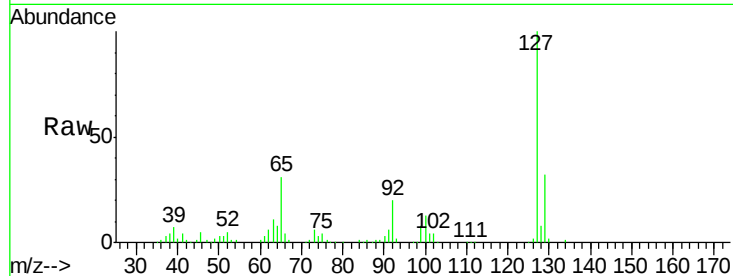
#33
4-Chloroaniline
Concen: 32.91 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.0	26.1	39.1
65	31.2	19.5	29.3
92	20.0	14.6	22.0

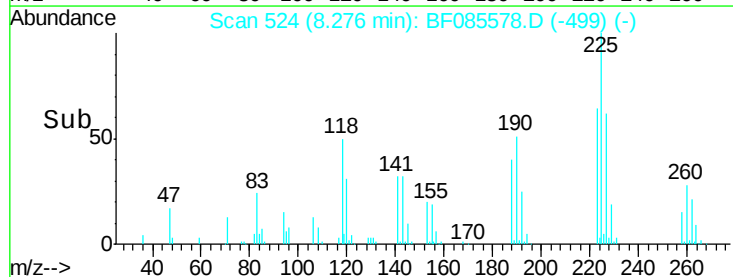
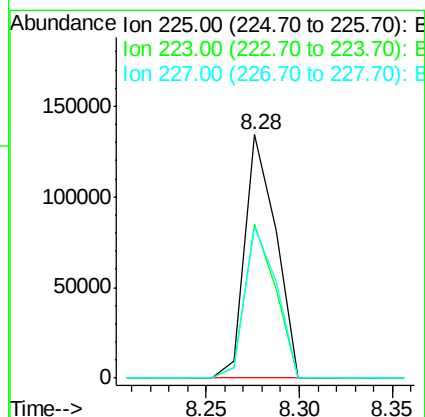
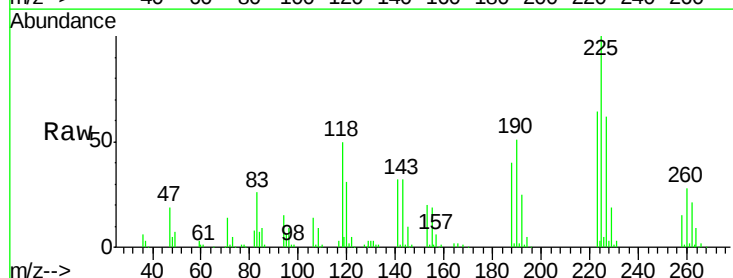
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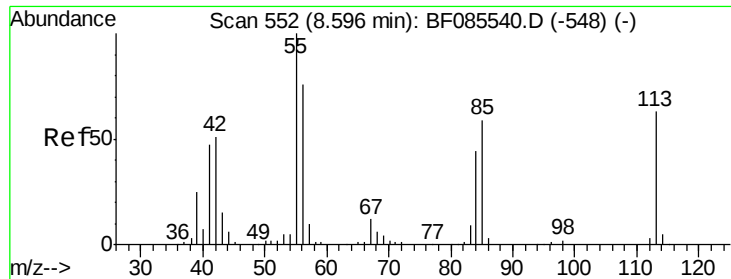
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#34
Hexachlorobutadiene
Concen: 67.88 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.5	50.4	75.6
227	62.1	51.4	77.2





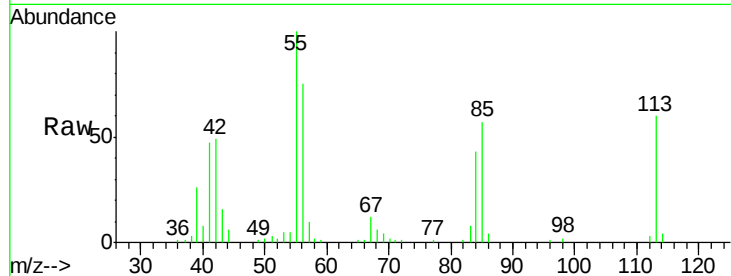
#35
Caprolactam
Concen: 74.71 ng m
RT: 8.57 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

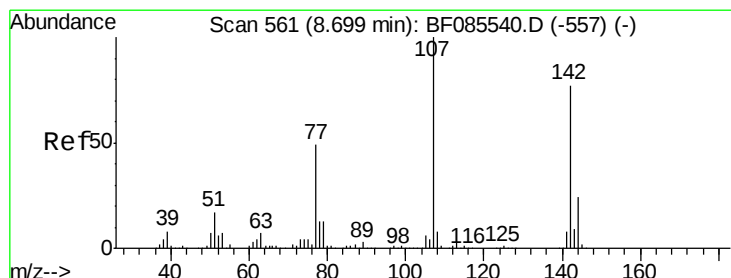
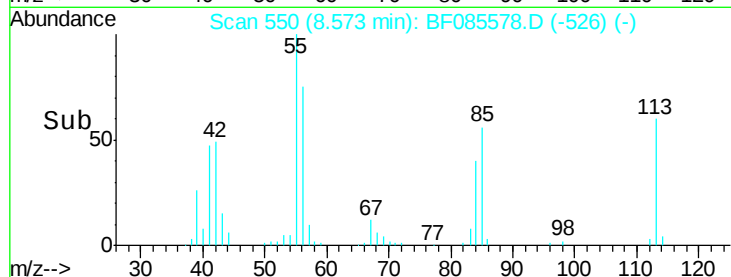
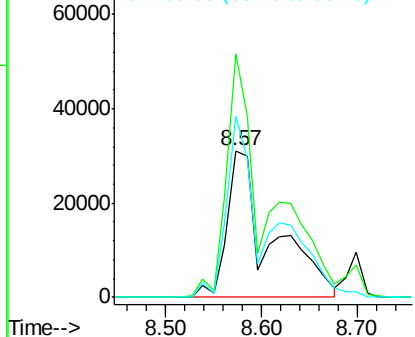
Tgt Ion:113 Resp: 98246
Ion Ratio Lower Upper
113 100
55 166.0 139.4 179.4
56 123.8 100.4 140.4

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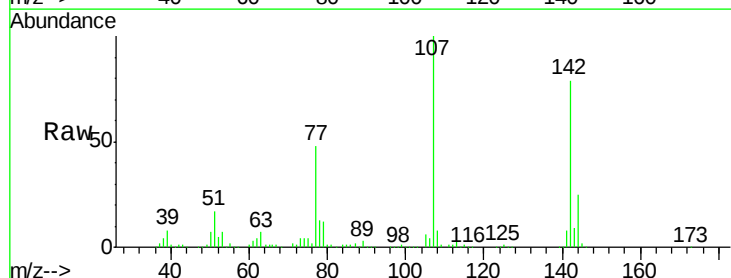


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

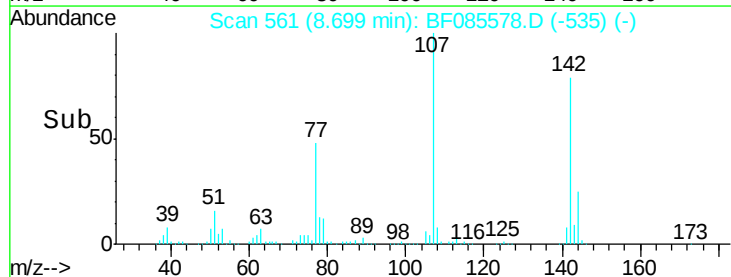
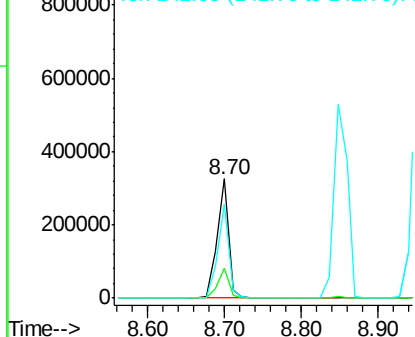


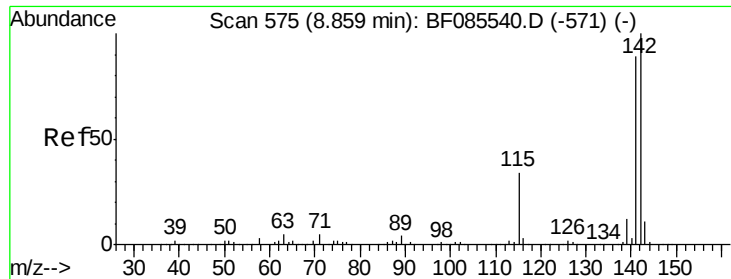
#36
4-Chloro-3-methylphenol
Concen: 75.21 ng
RT: 8.70 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:107 Resp: 335707
Ion Ratio Lower Upper
107 100
144 25.5 19.3 28.9
142 79.4 61.4 92.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





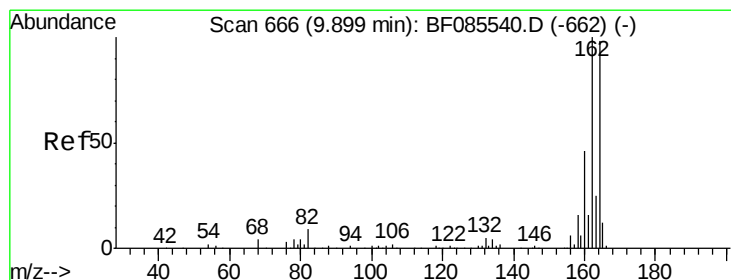
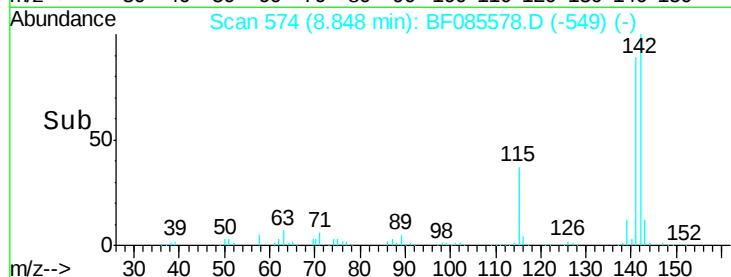
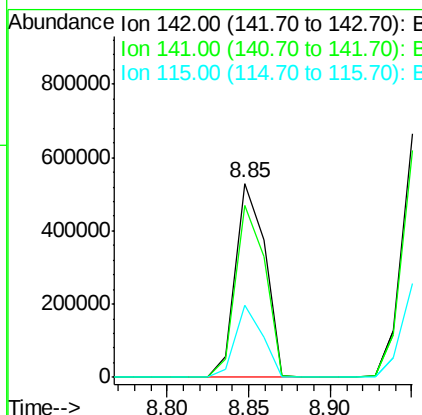
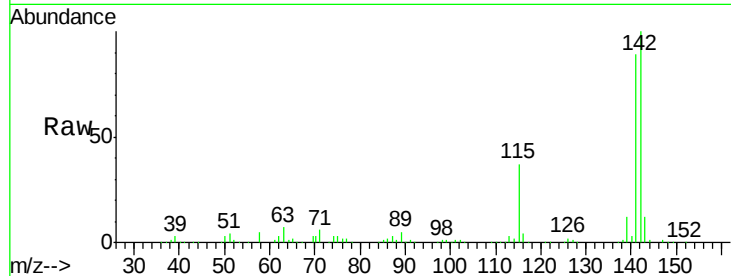
#37
 2-Methylnaphthalene
 Concen: 76.63 ng
 RT: 8.85 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4
115	37.0	26.8	40.2

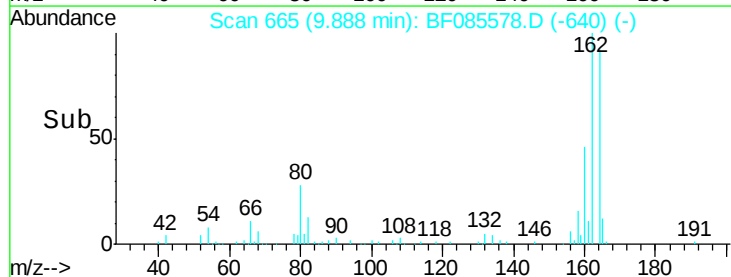
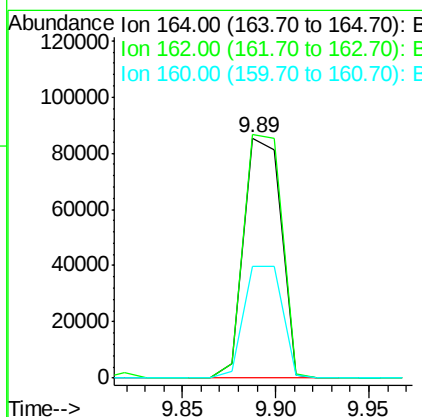
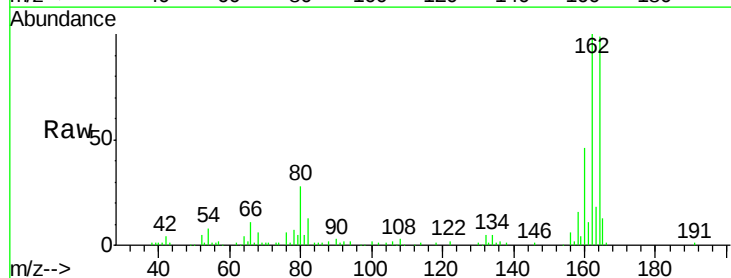
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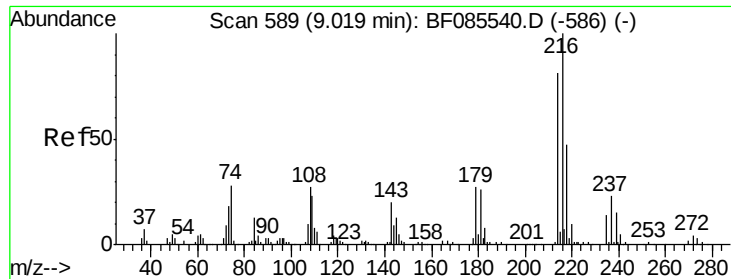
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.1	123.1
160	46.5	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 73.46 ng

RT: 9.02 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

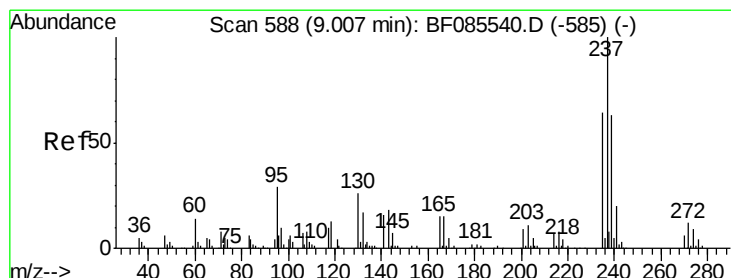
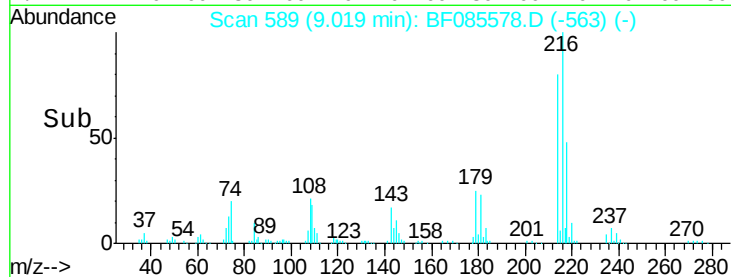
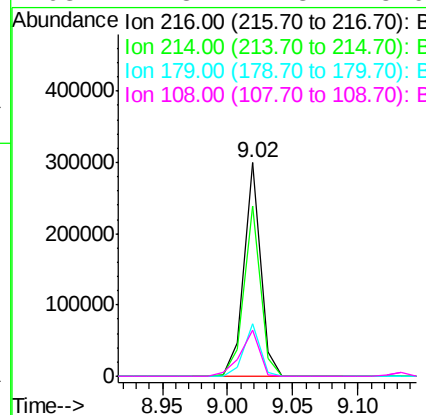
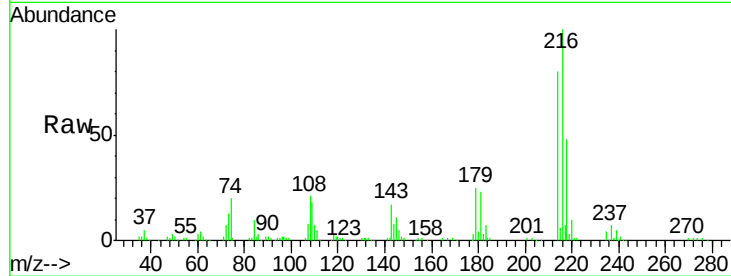
ClientSampleId :

SB-1(8-9)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	263822		
214	79.0	63.1	94.7	
179	23.8	18.2	27.2	
108	24.8	17.3	25.9	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 173.62 ng

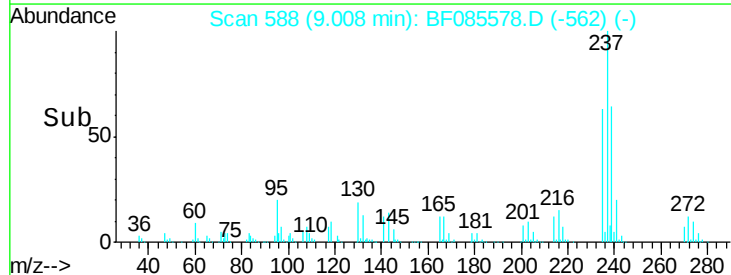
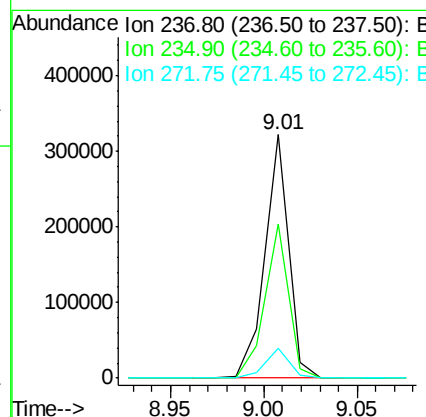
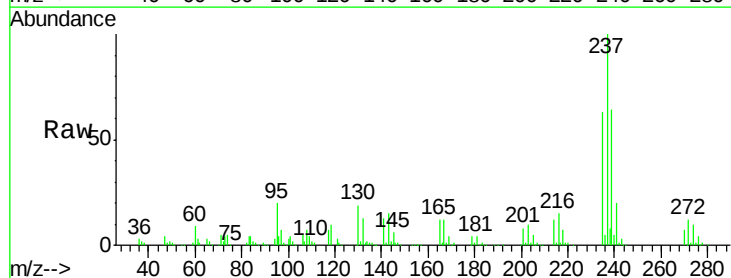
RT: 9.01 min Scan# 588

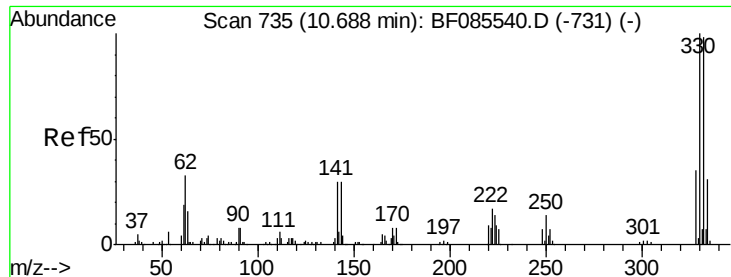
Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	281016		
235	63.4	43.7	83.7	
272	12.4	0.0	31.9	





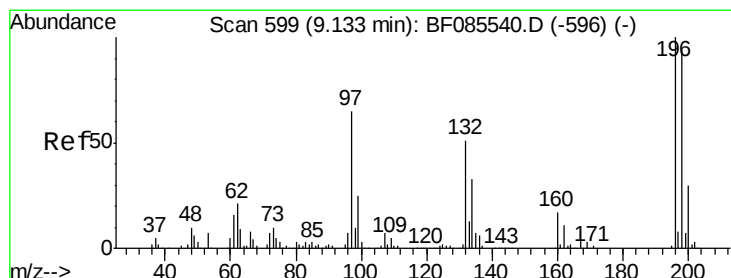
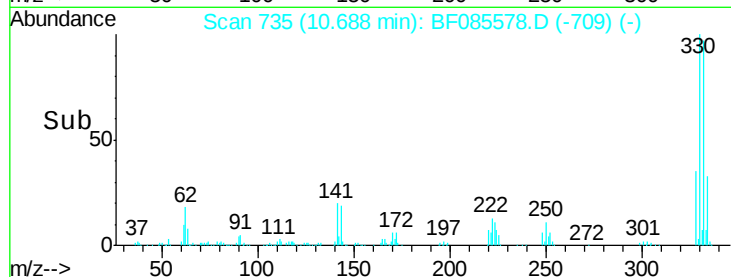
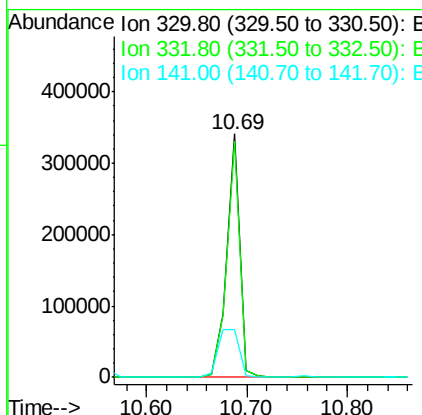
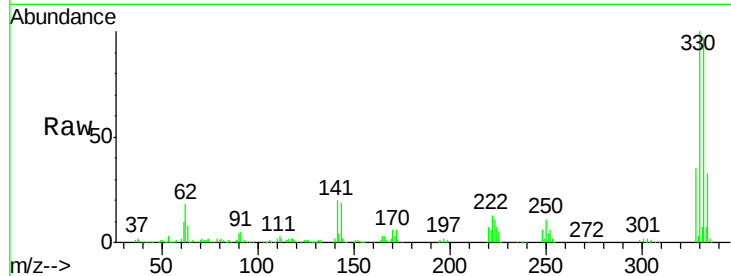
#41
 2,4,6-Tribromophenol
 Concen: 266.20 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	308707		
332	96.8	78.2	117.2	
141	32.0	31.5	47.3	

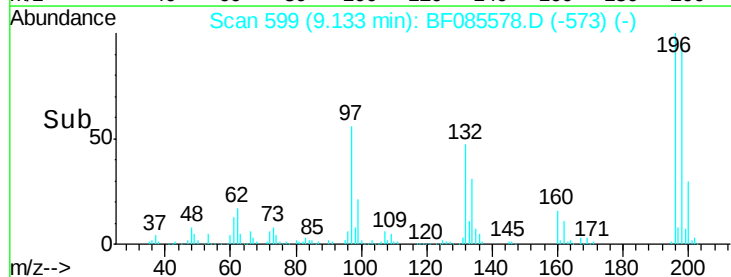
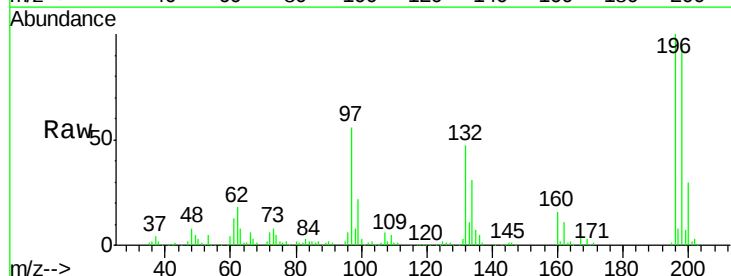
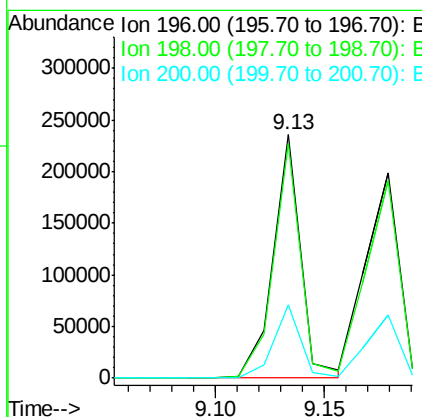
Manual Integrations
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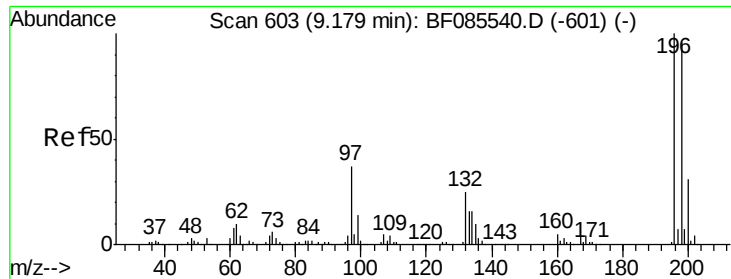
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#42
 2,4,6-Trichlorophenol
 Concen: 85.25 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	209564		
198	96.4	75.3	112.9	
200	30.3	23.7	35.5	





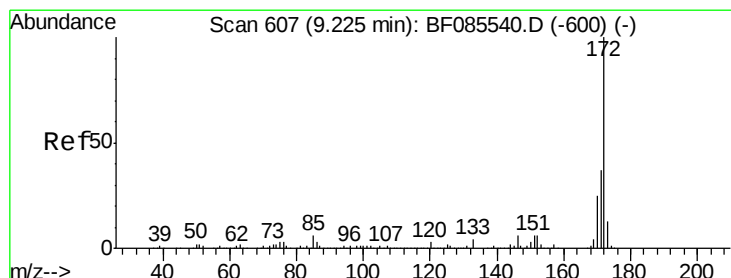
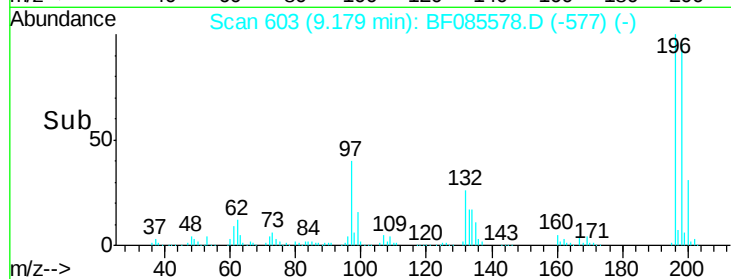
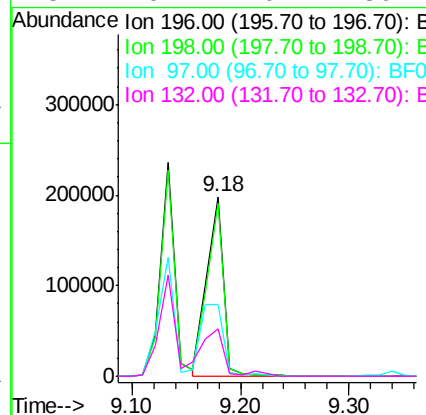
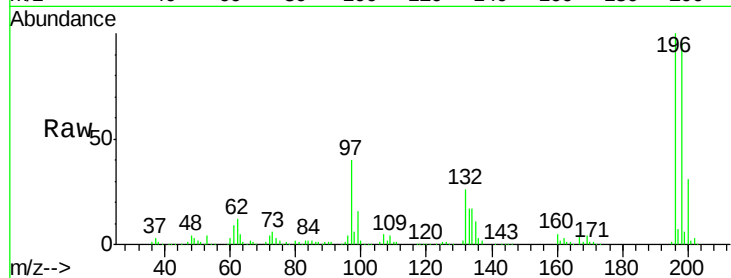
#43
 2,4,5-Trichlorophenol
 Concen: 86.44 ng
 RT: 9.18 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		216245		
198	96.2	76.6	114.8		
97	39.8	30.5	45.7		
132	26.4	20.2	30.2		

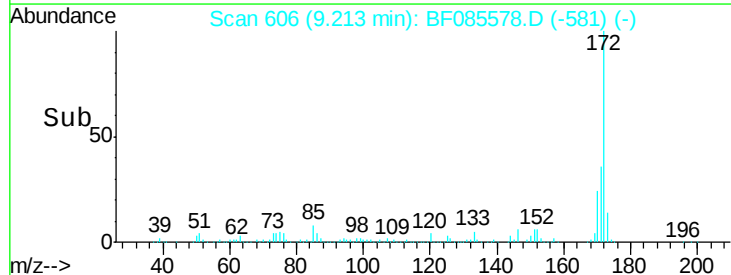
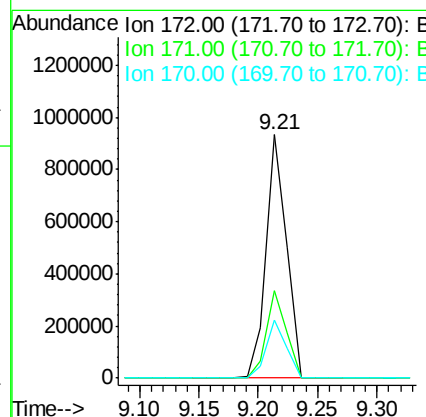
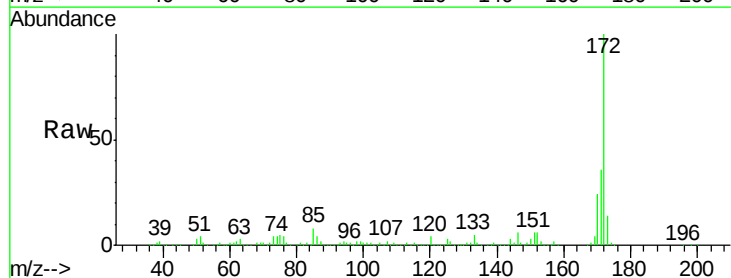
Manual Integrations
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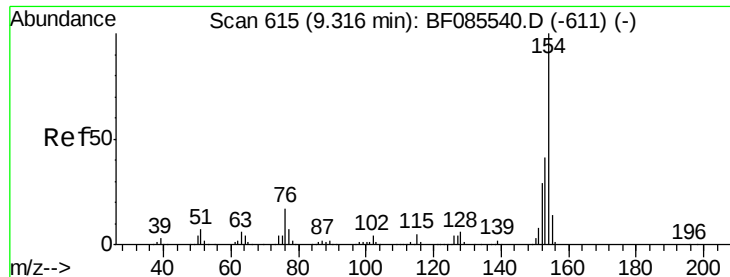
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#44
 2-Fluorobiphenyl
 Concen: -20.00 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1127100		
171	36.1	29.4	44.2		
170	24.1	19.8	29.6		





#45

1,1'-Biphenyl

Concen: 72.53 ng

RT: 9.32 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

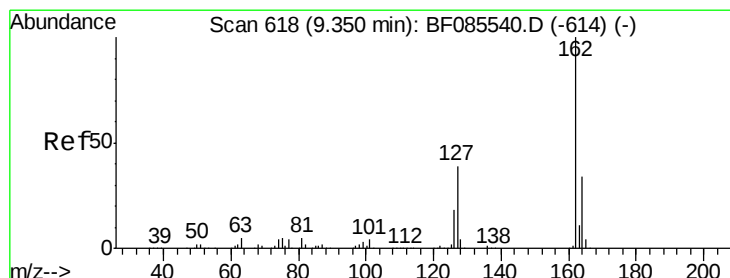
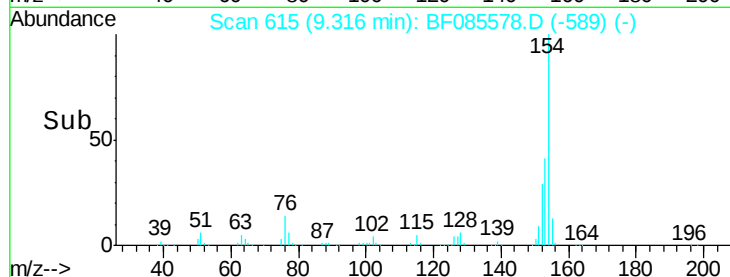
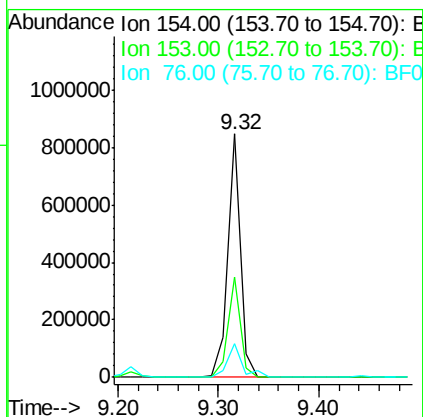
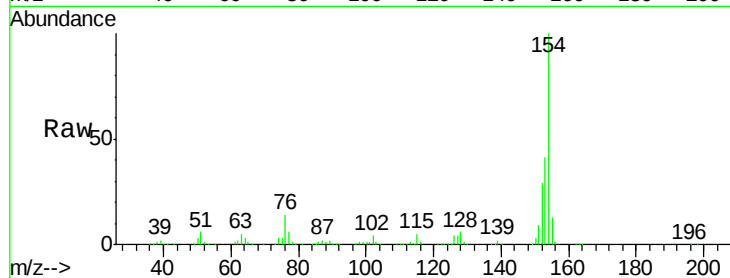
ClientSampleId :

SB-1(8-9)MSD

Tgt Ion:	154	Resp:	740775
Ion Ratio	Lower	Upper	
154	100		
153	41.1	20.8	60.8
76	13.9	0.0	36.7

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 75.73 ng

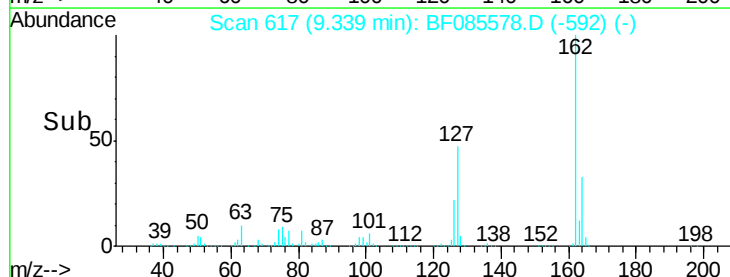
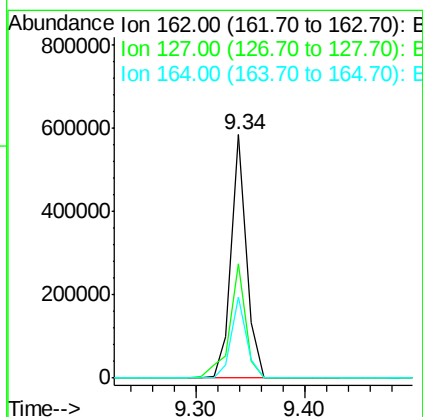
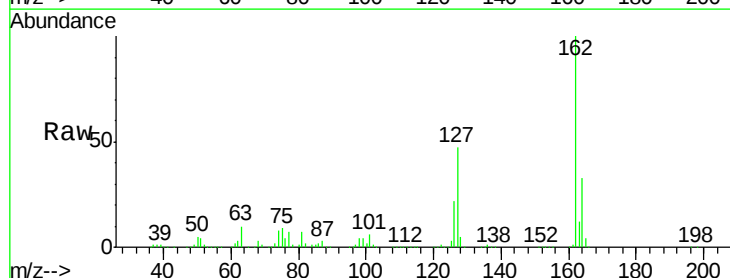
RT: 9.34 min Scan# 617

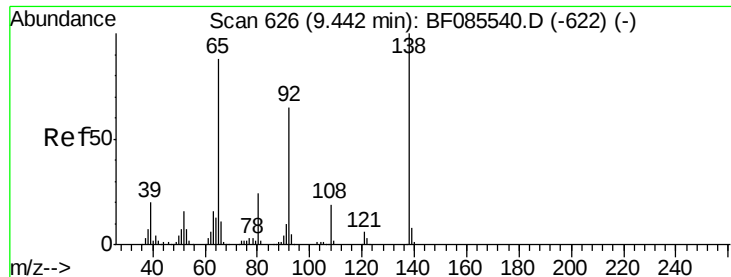
Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion:	162	Resp:	564926
Ion Ratio	Lower	Upper	
162	100		
127	46.9	31.7	47.5
164	33.1	27.3	40.9





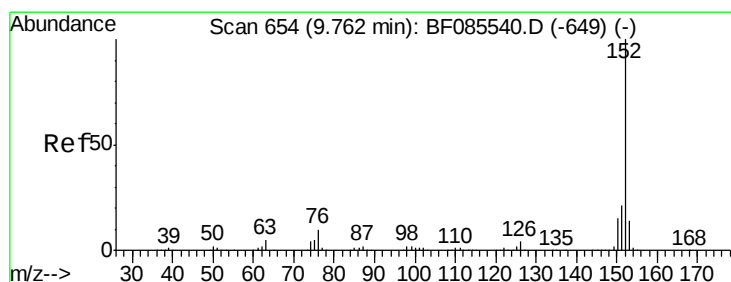
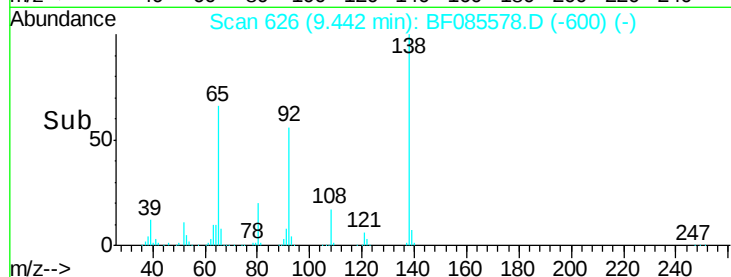
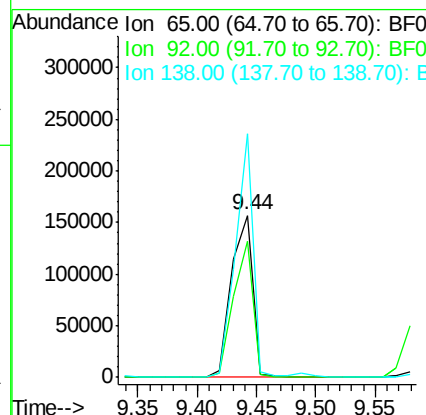
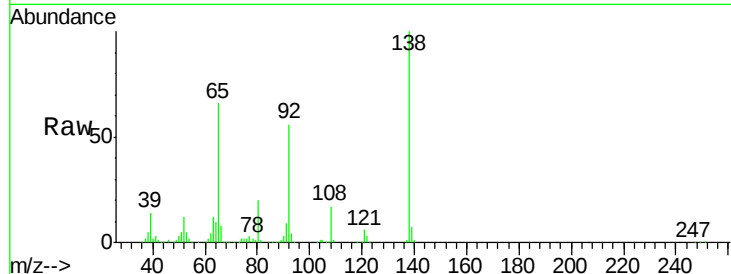
#47
2-Nitroaniline
Concen: 86.37 ng
RT: 9.44 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	84.0	59.7	89.5
138	150.5	91.4	137.0#

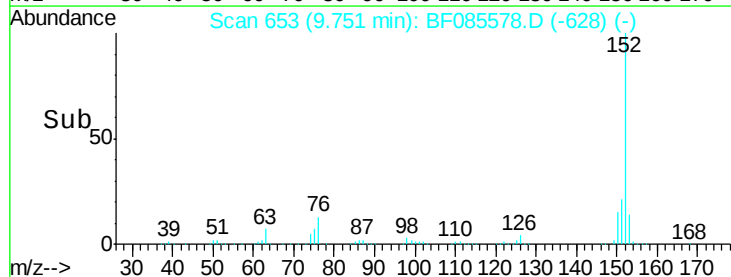
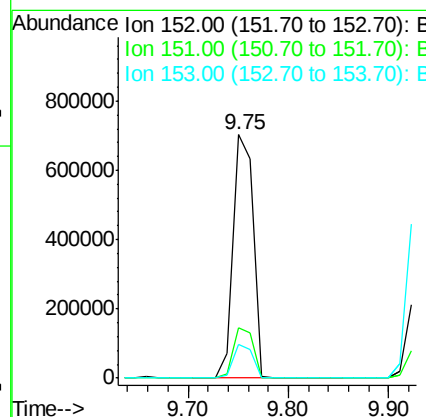
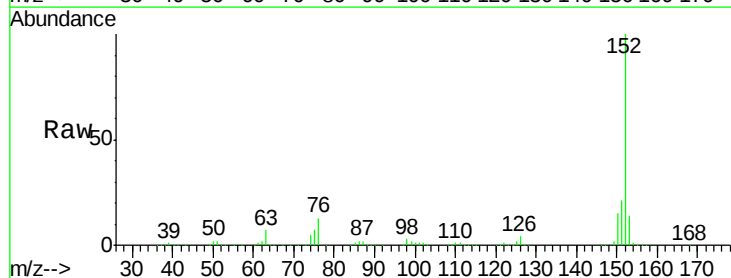
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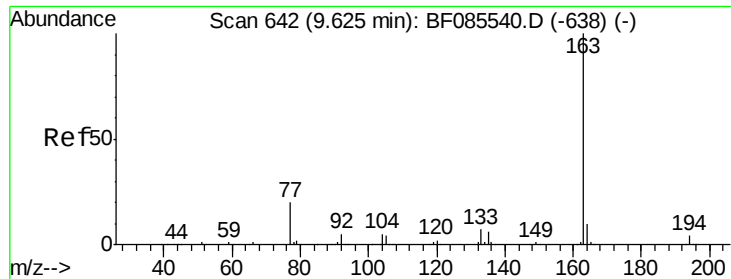
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#48
Acenaphthylene
Concen: 80.63 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.8	10.9	16.3





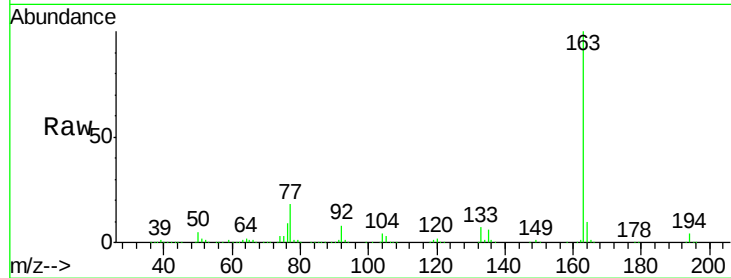
#49
Dimethylphthalate
Concen: 104.51 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

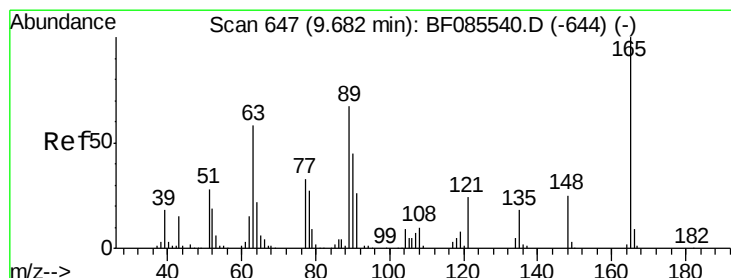
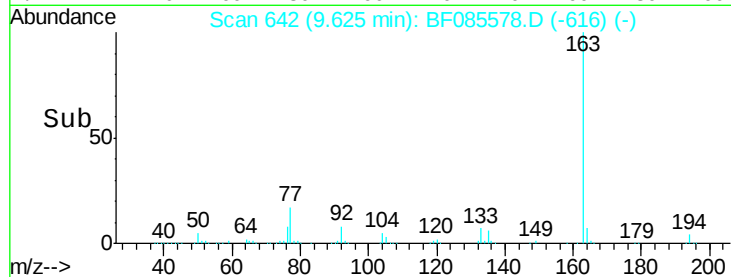
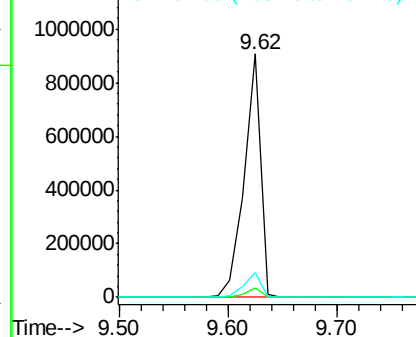
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	933684		
194	3.9		2.9	4.3
164	10.2		8.3	12.5

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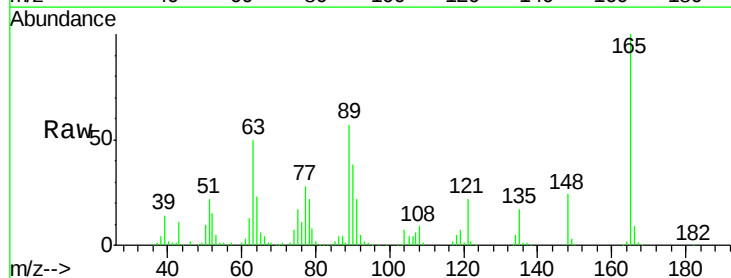


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

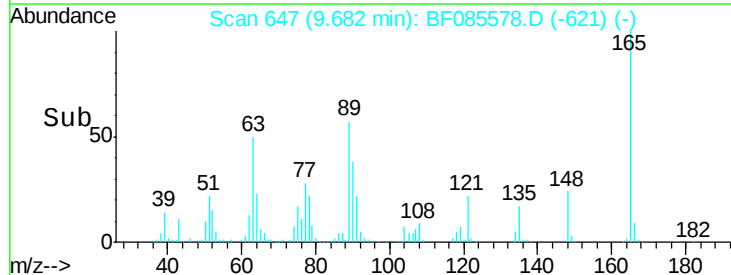
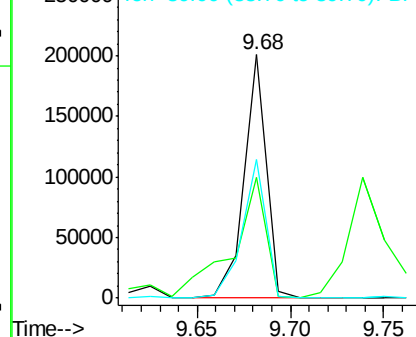


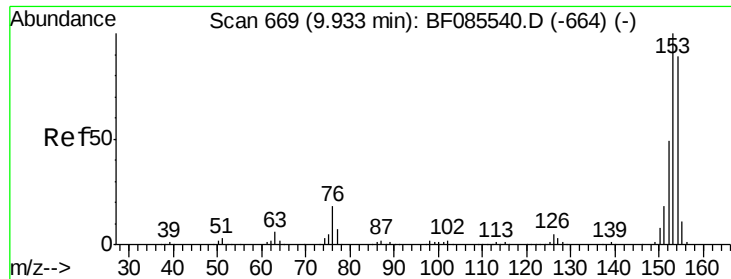
#50
2,6-Dinitrotoluene
Concen: 88.58 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	167060		
63	49.7		51.8	77.8#
89	56.7		53.7	80.5



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





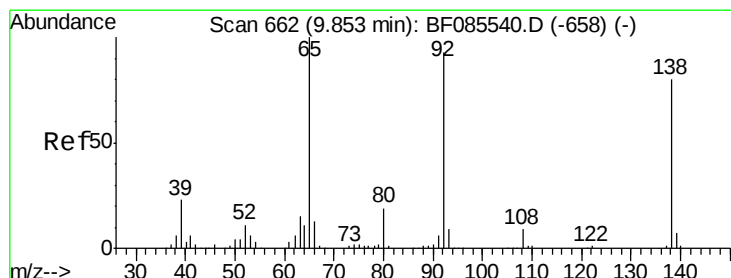
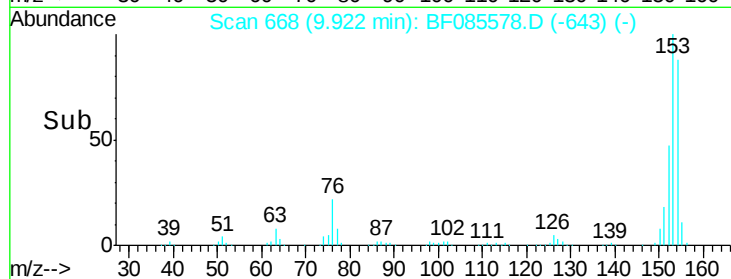
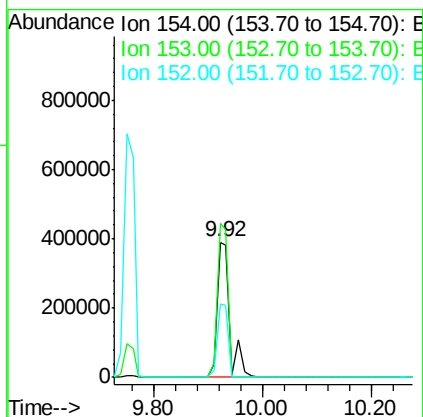
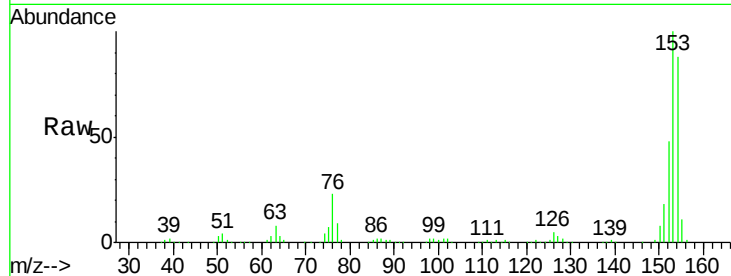
#51
Acenaphthene
Concen: 87.22 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	660837		
153	113.7	90.1	135.1	
152	54.1	44.2	66.2	

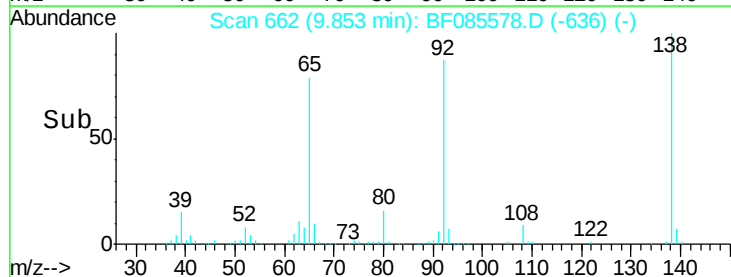
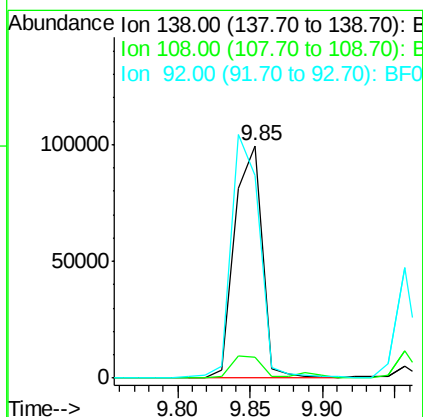
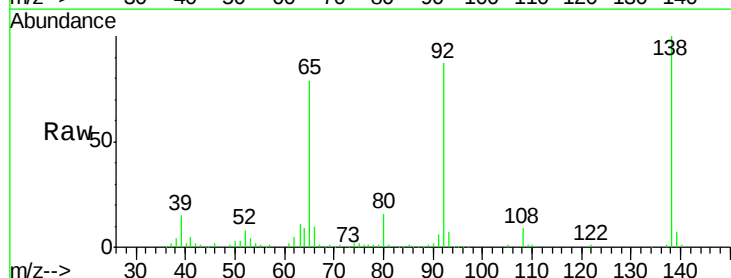
Manual Integrations
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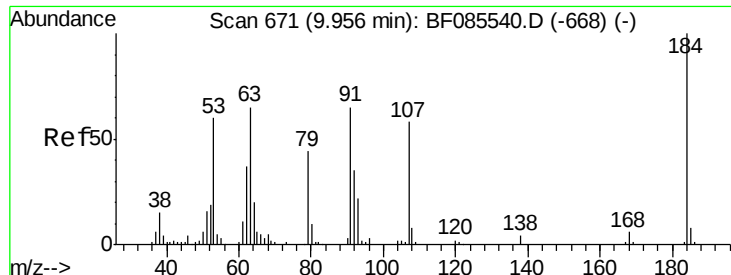
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#52
3-Nitroaniline
Concen: 55.70 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	131574		
108	8.8	8.7	13.1	
92	87.3	93.3	139.9#	





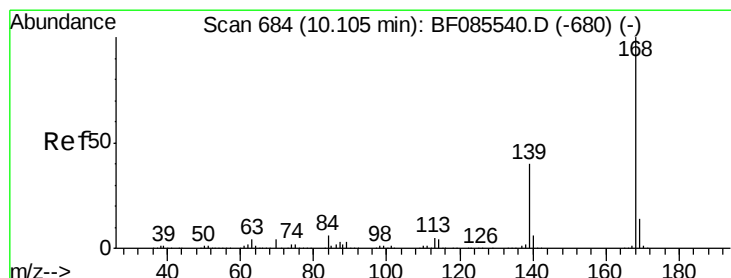
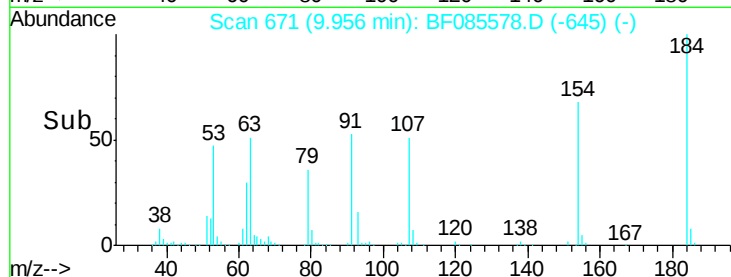
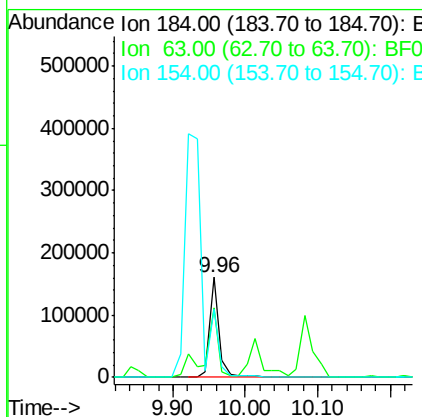
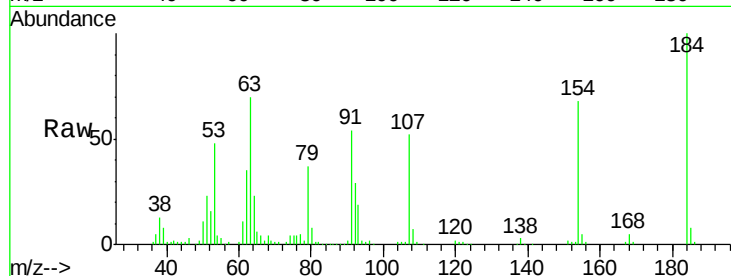
#53
2,4-Dinitrophenol
Concen: 128.85 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	148868		
63	69.8	69.5	104.3	
154	67.8	58.3	87.5	

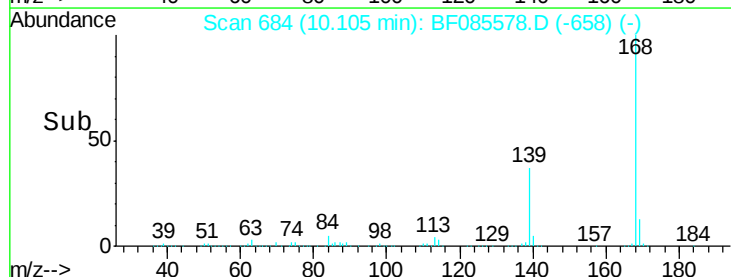
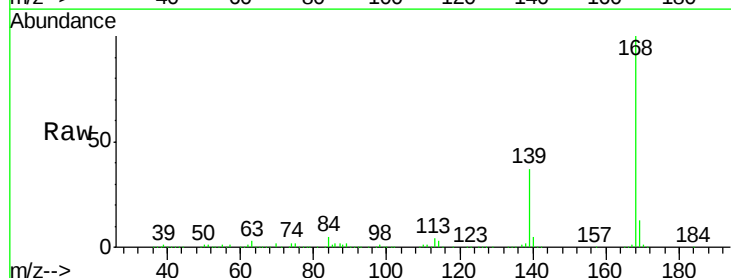
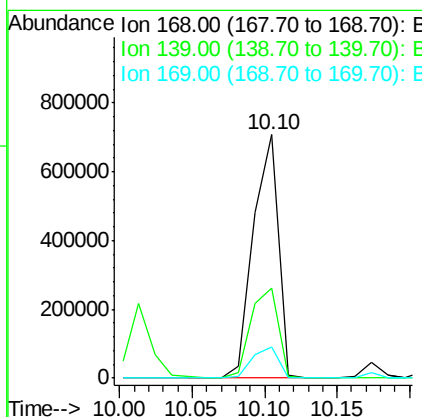
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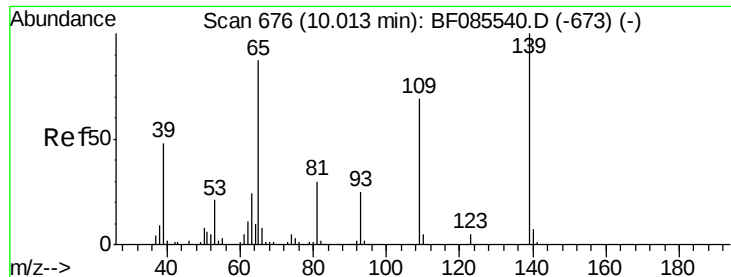
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#54
Dibenzofuran
Concen: 91.94 ng
RT: 10.10 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	848214		
139	36.8	31.9	47.9	
169	12.8	11.0	16.6	





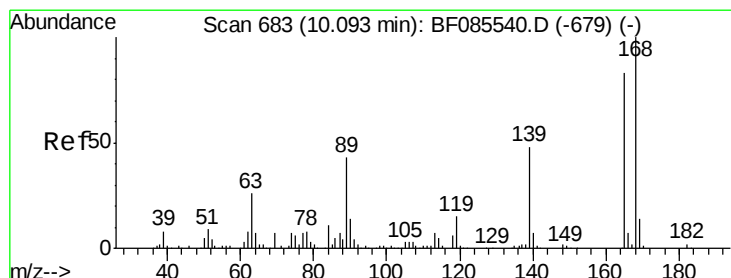
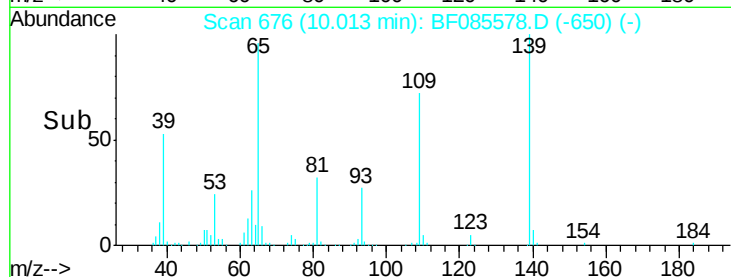
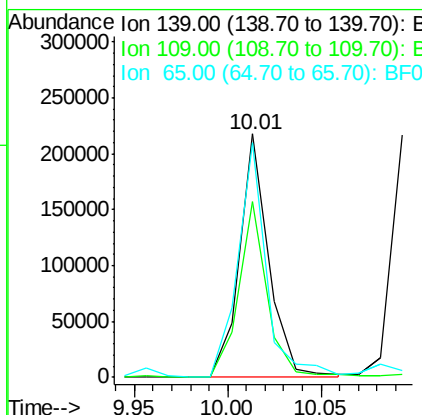
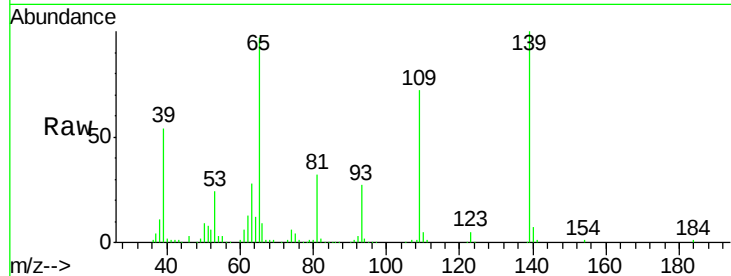
#55
4-Nitrophenol
Concen: 131.15 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	239424		
109	72.2	49.2	89.2	
65	96.6	66.9	106.9	

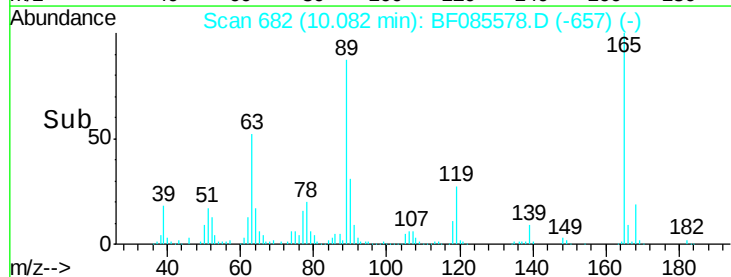
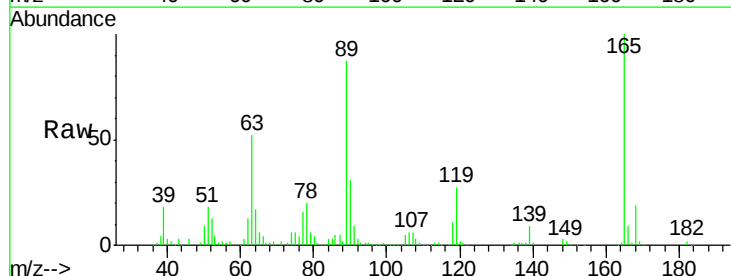
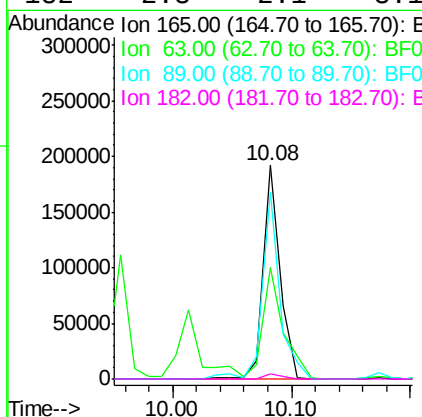
Manual Integrations
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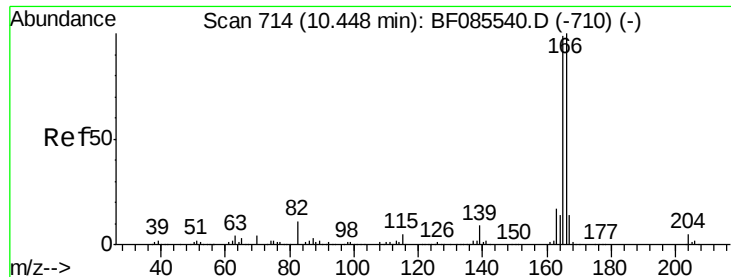
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#56
2,4-Dinitrotoluene
Concen: 77.30 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	190874		
63	52.2	24.9	37.3#	
89	87.3	41.0	61.6#	
182	2.3	2.1	3.1	





#57

Fluorene

Concen: 78.67 ng

RT: 10.45 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

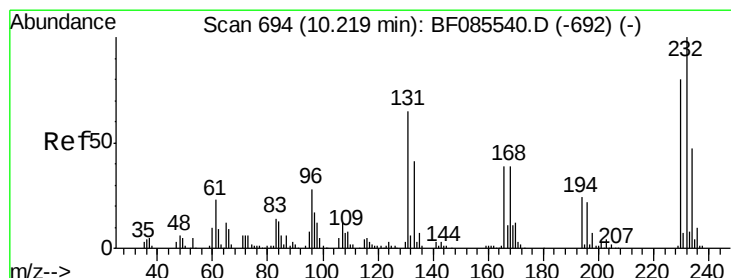
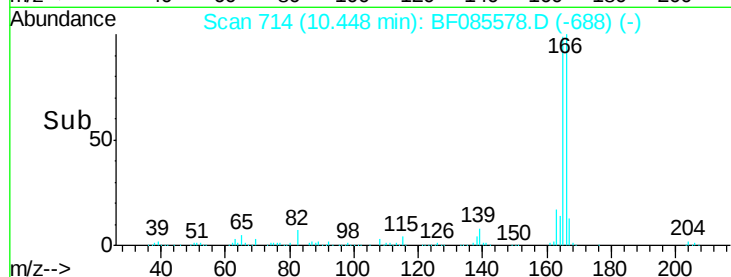
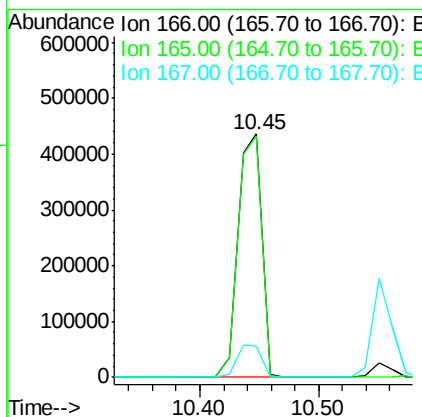
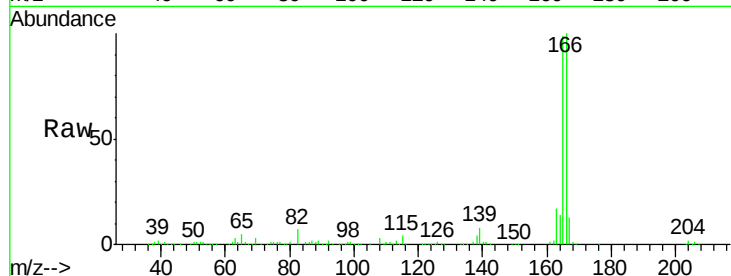
ClientSampleId :

SB-1(8-9)MSD

Tgt Ion:	166	Resp:	604907
Ion Ratio	Lower	Upper	
166	100		
165	99.1	79.4	119.0
167	12.7	11.0	16.4

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 93.18 ng

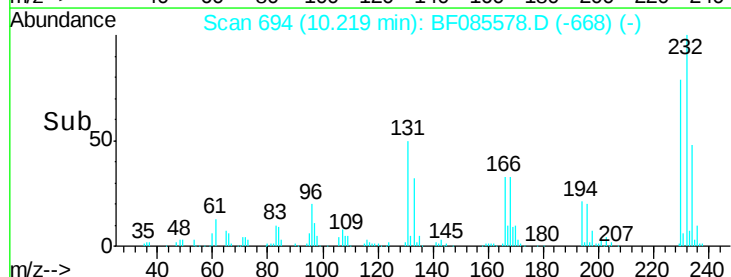
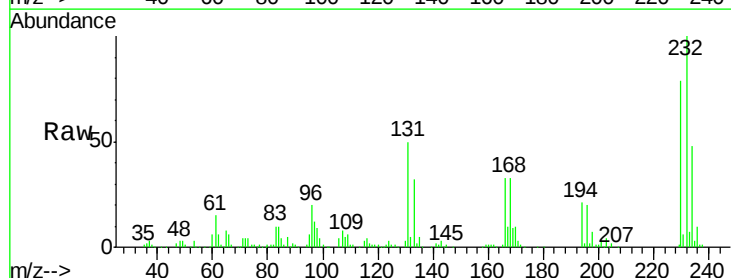
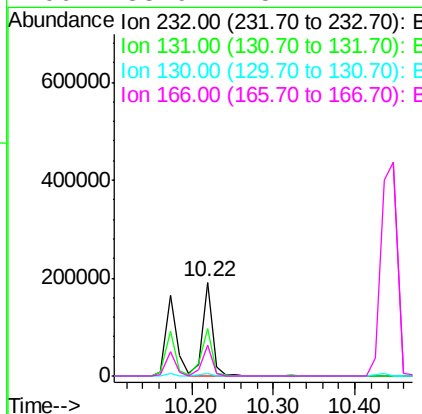
RT: 10.22 min Scan# 694

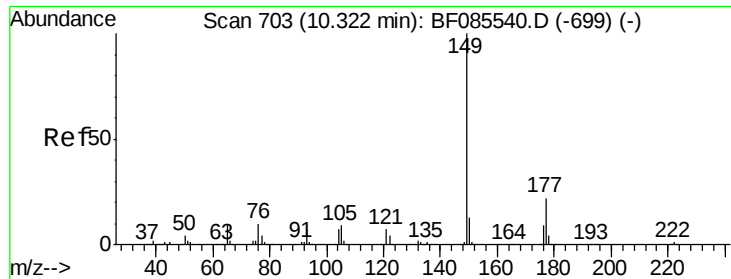
Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion:	232	Resp:	167844
Ion Ratio	Lower	Upper	
232	100		
131	54.0	44.9	67.3
130	2.7	2.3	3.5
166	33.9	28.1	42.1





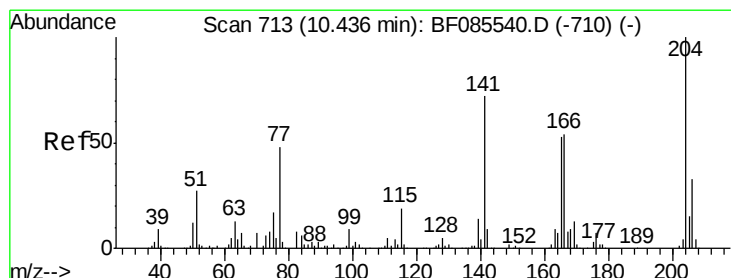
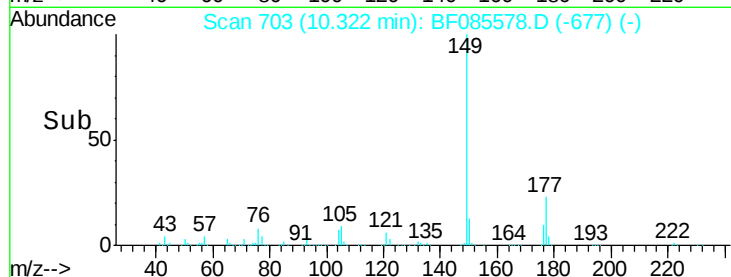
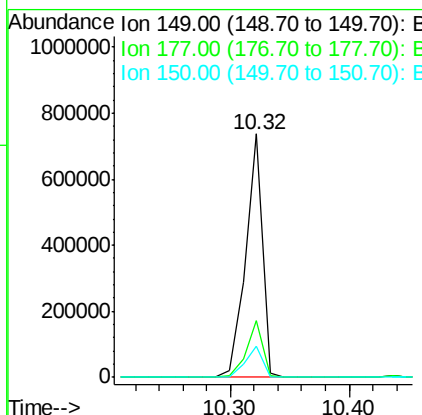
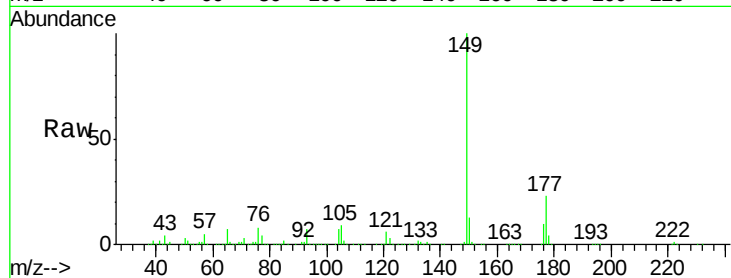
#59
Diethylphthalate
Concen: 82.01 ng
RT: 10.32 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	728399		
177	23.2	17.9	26.9	
150	12.7	10.2	15.2	

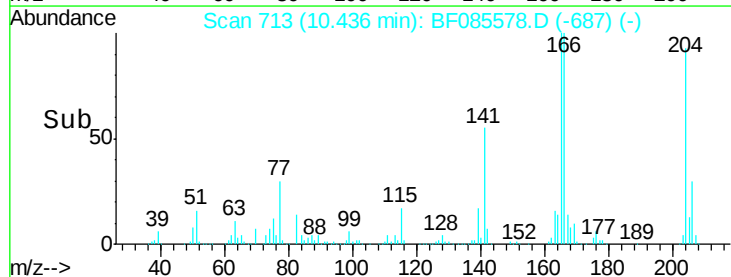
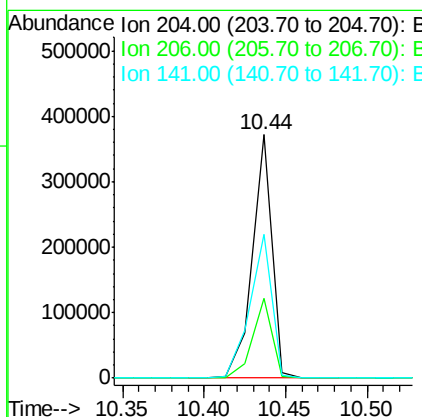
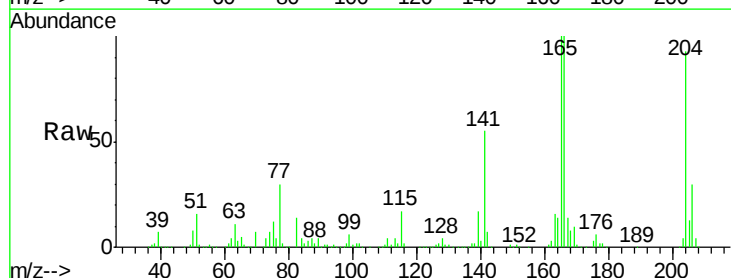
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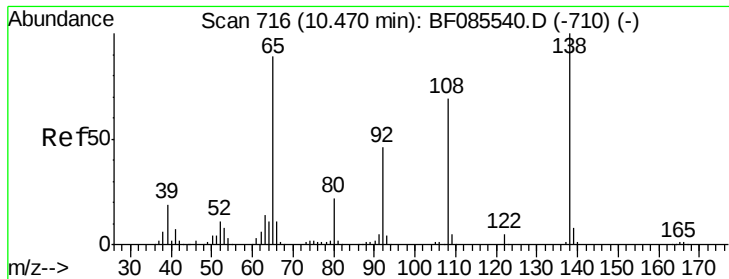
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#60
4-Chlorophenyl-phenylether
Concen: 82.73 ng
RT: 10.44 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	310634		
206	32.8	26.6	39.8	
141	59.2	57.4	86.0	





#61

4-Nitroaniline

Concen: 78.20 ng

RT: 10.47 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

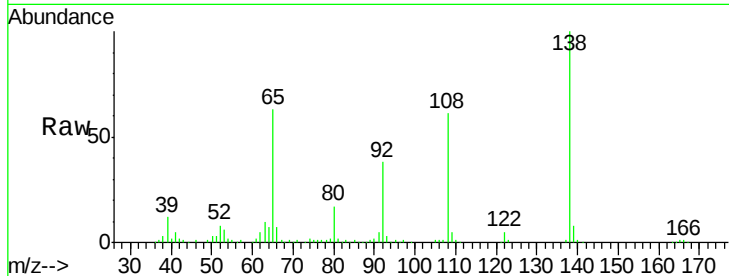
ClientSampleId :

SB-1(8-9)MSD

Tgt Ion:	138	Resp:	182073
Ion Ratio	Lower	Upper	
138	100		
92	37.7	26.4	66.4
108	61.1	49.0	89.0

Manual Integrations
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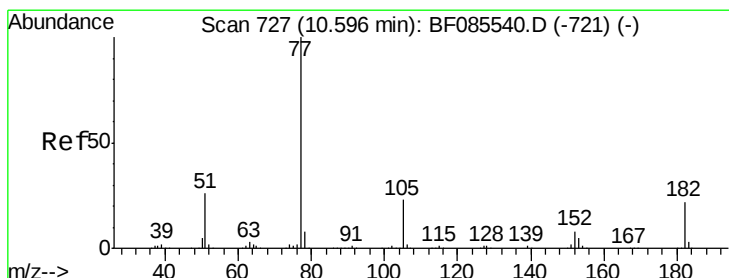
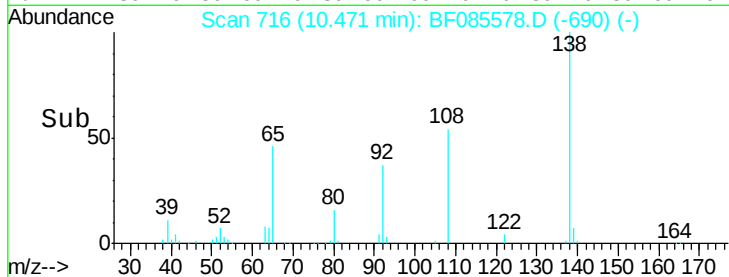
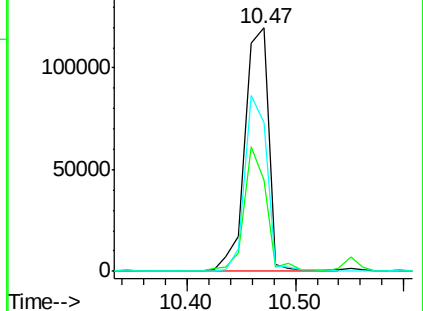
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 90.11 ng

RT: 10.60 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

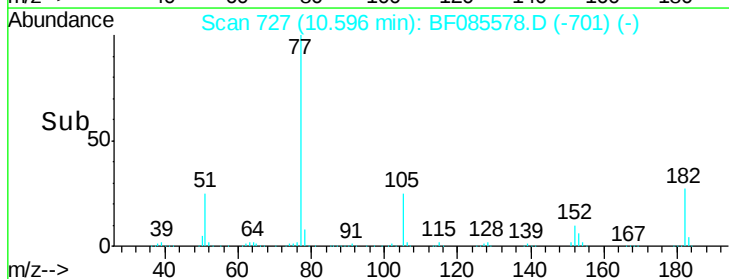
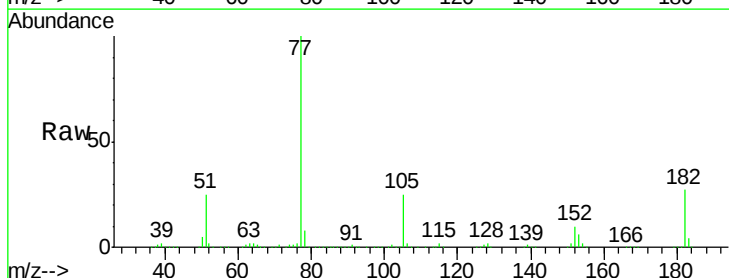
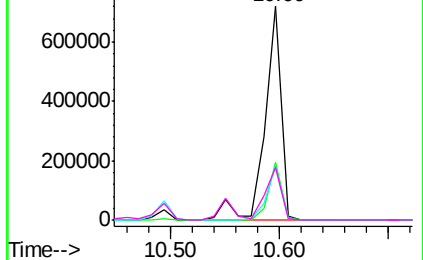
Tgt Ion:	77	Resp:	768039
Ion Ratio	Lower	Upper	
77	100		
182	27.1	1.9	41.9
105	24.9	3.5	43.5
51	24.7	6.3	46.3

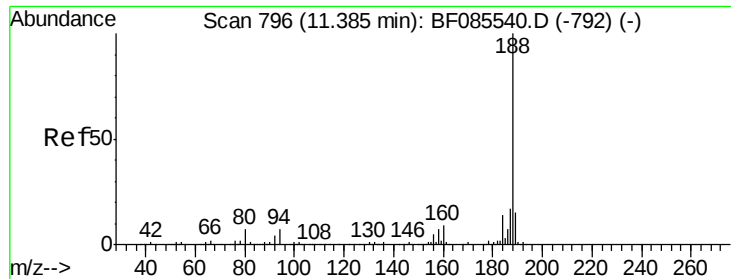
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





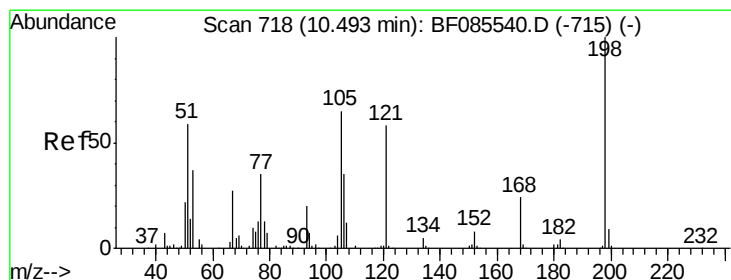
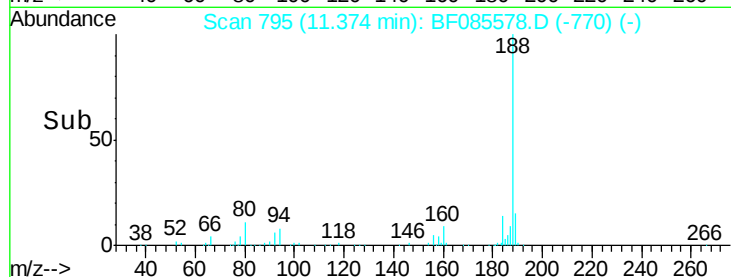
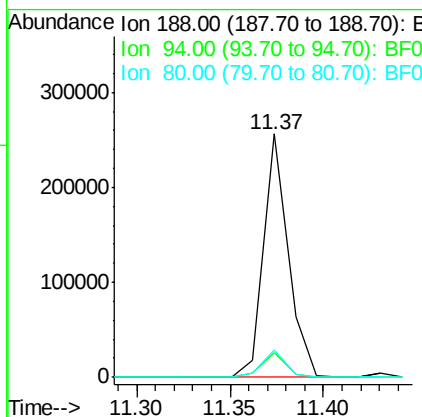
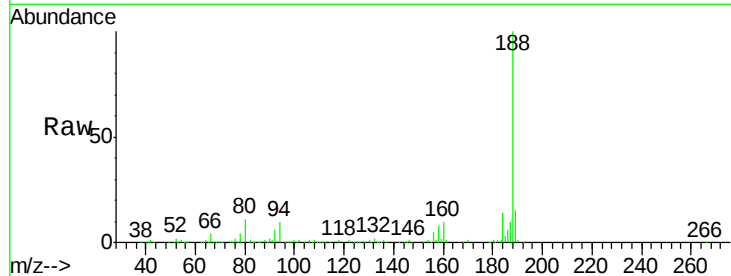
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.4	5.4	8.0#
80	11.3	5.5	8.3#

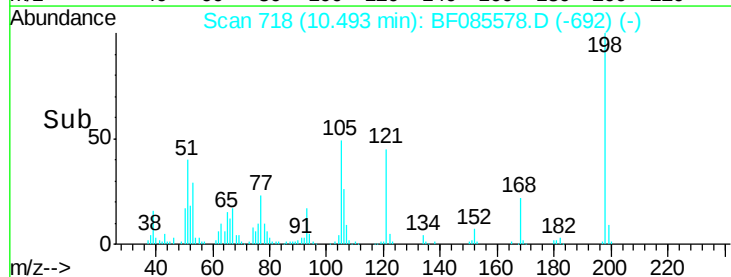
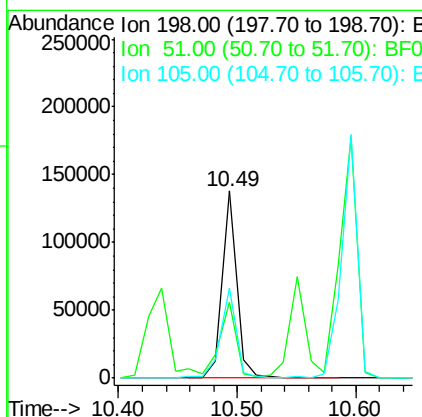
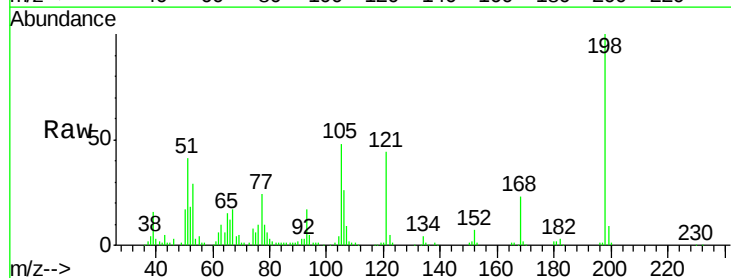
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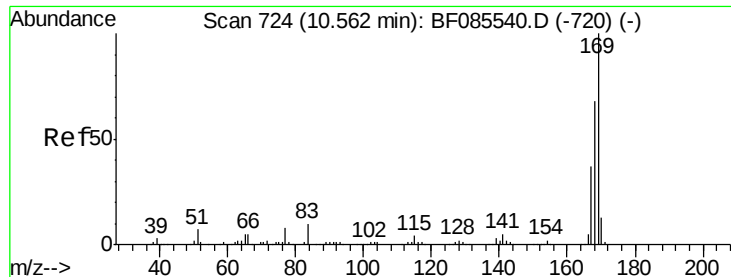
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#64
4,6-Dinitro-2-methylphenol
Concen: 77.52 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	40.6	45.4	85.4#
105	48.4	45.9	85.9





#65

n-Nitrosodiphenylamine

Concen: 73.81 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

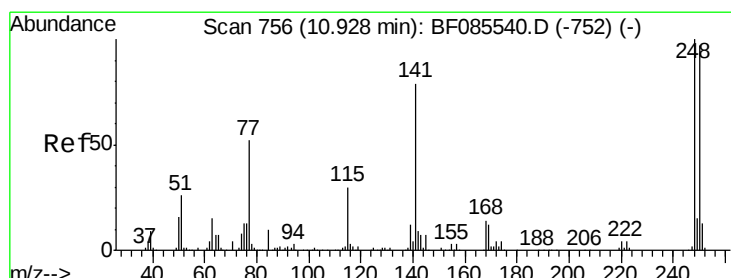
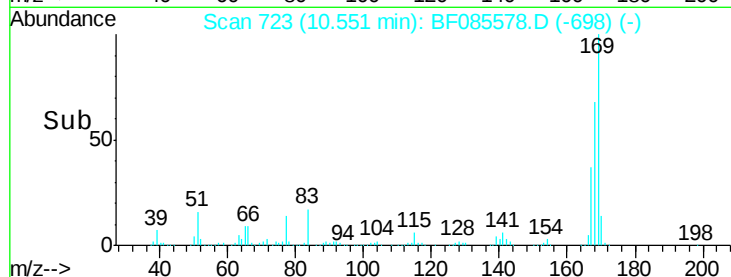
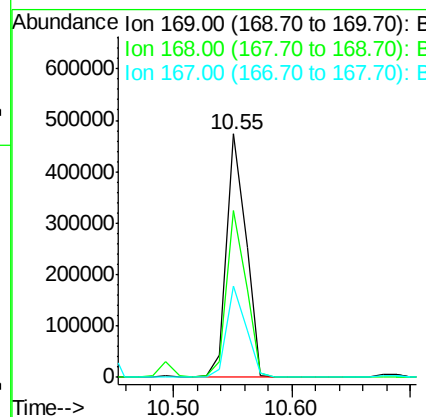
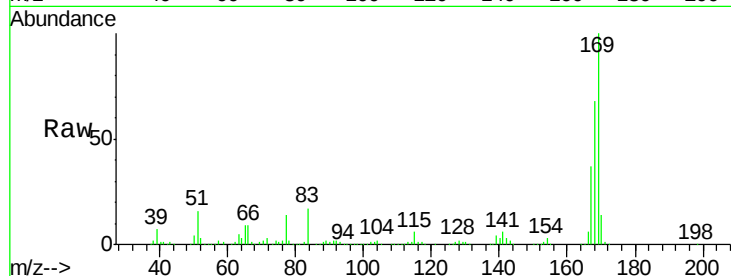
ClientSampleId :

SB-1(8-9)MSD

Tgt Ion:	169	Resp:	535982
Ion Ratio	Lower	Upper	
169	100		
168	68.4	54.4	81.6
167	37.5	29.4	44.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 80.15 ng

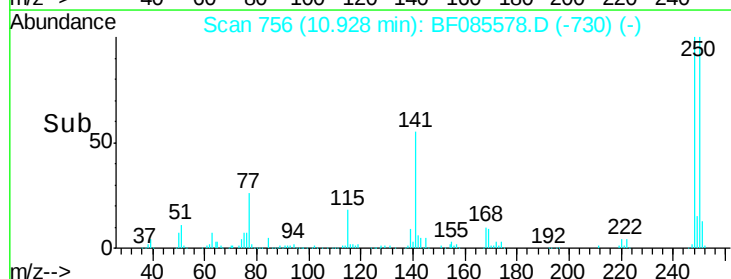
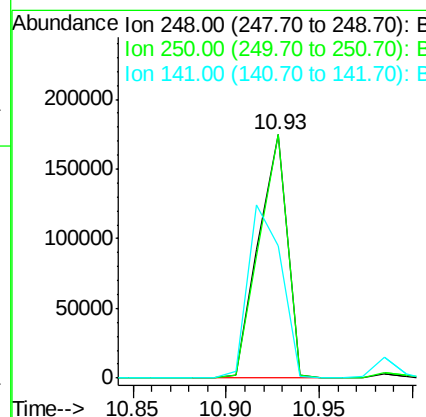
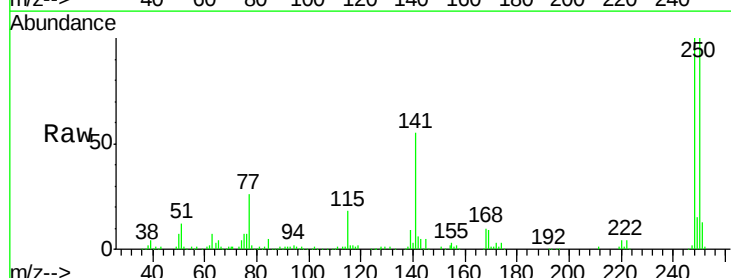
RT: 10.93 min Scan# 756

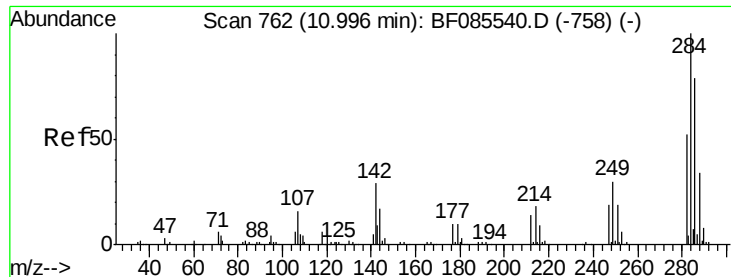
Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion:	248	Resp:	186667
Ion Ratio	Lower	Upper	
248	100		
250	100.1	77.4	116.0
141	54.6	63.6	95.4#





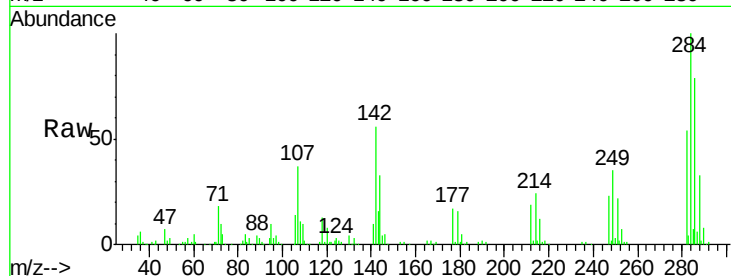
#67
Hexachlorobenzene
Concen: 74.42 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

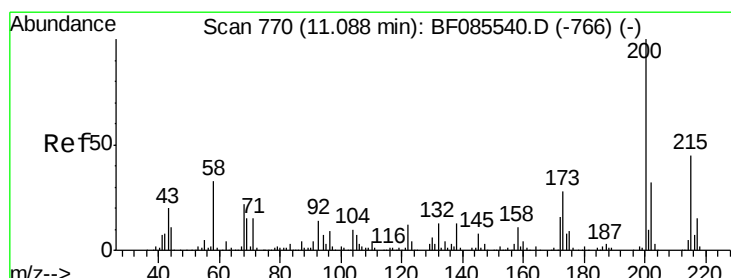
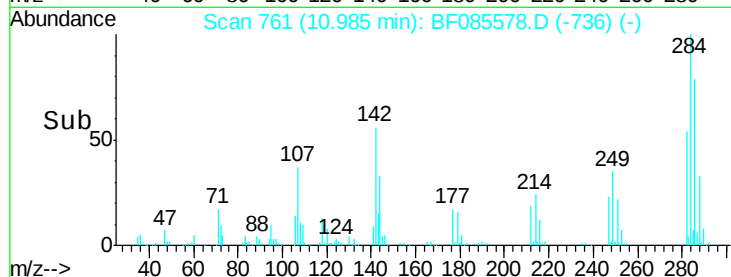
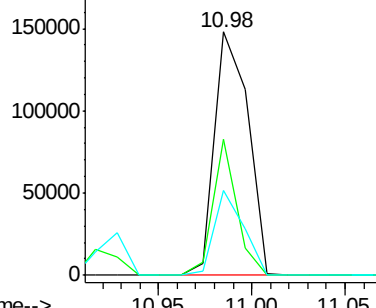
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	55.9	23.1	34.7#
249	34.8	24.2	36.2

Manual Integrations
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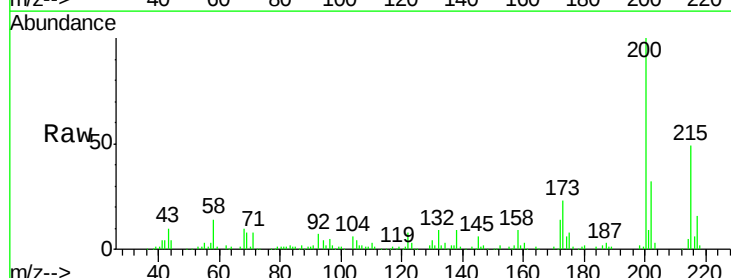


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

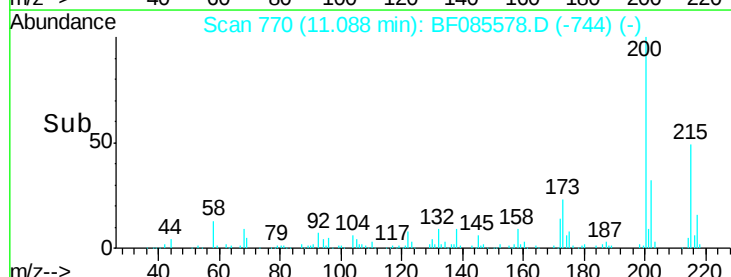
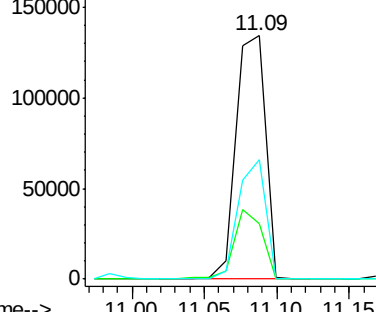


#68
Atrazine
Concen: 85.38 ng
RT: 11.09 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.9	7.7	47.7
215	48.9	25.4	65.4



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





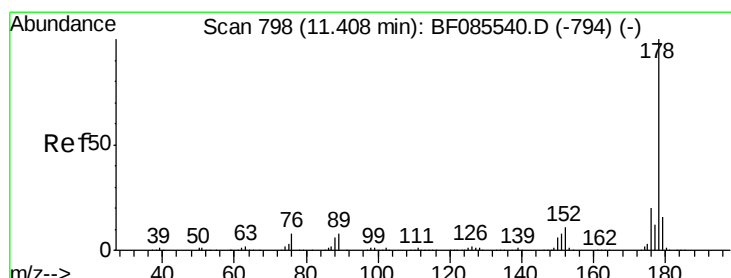
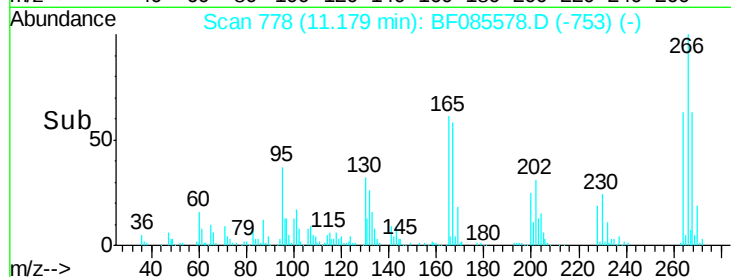
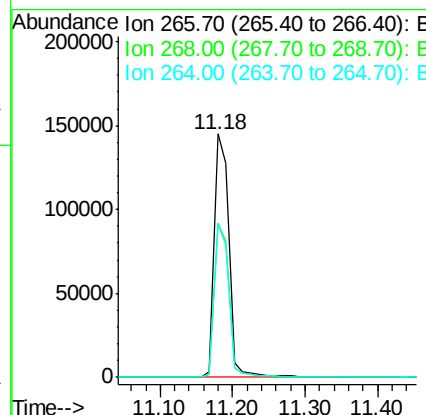
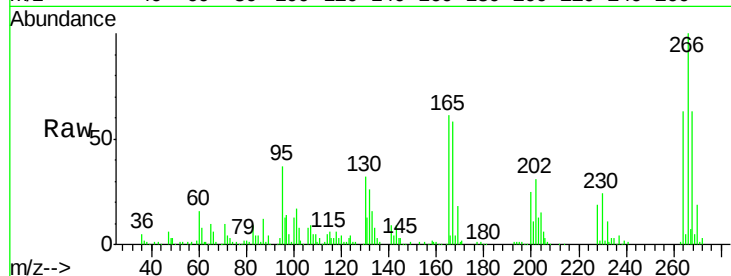
#69
 Pentachlorophenol
 Concen: 136.14 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	204500		
268	63.5	51.5	77.3	
264	63.5	50.6	76.0	

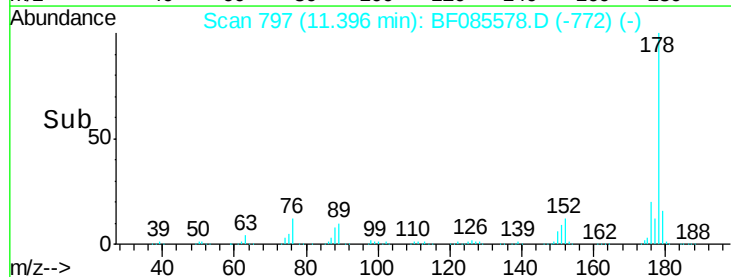
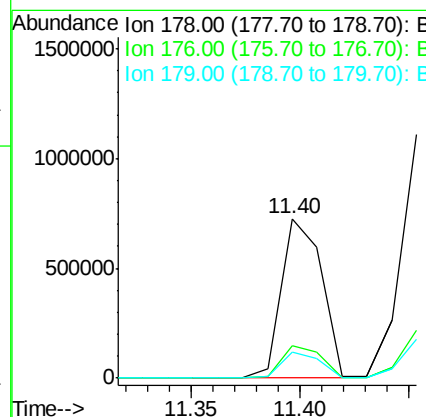
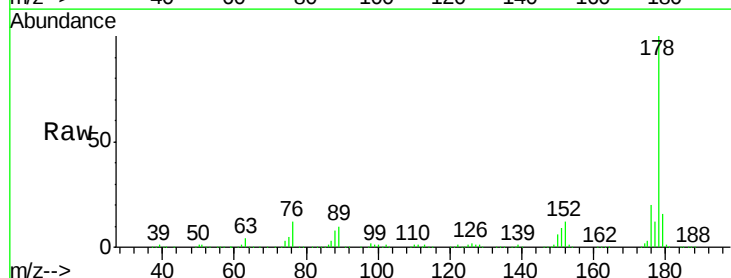
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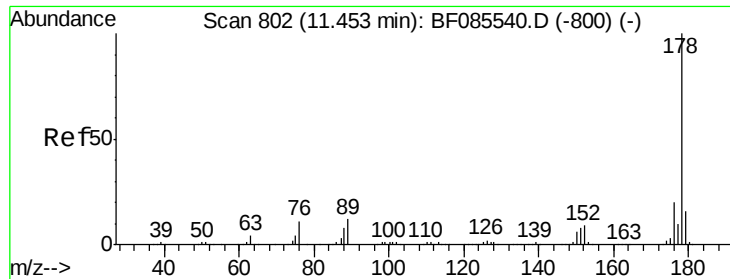
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#70
 Phenanthrene
 Concen: 76.58 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	941291		
176	20.0	16.3	24.5	
179	16.1	12.6	18.8	





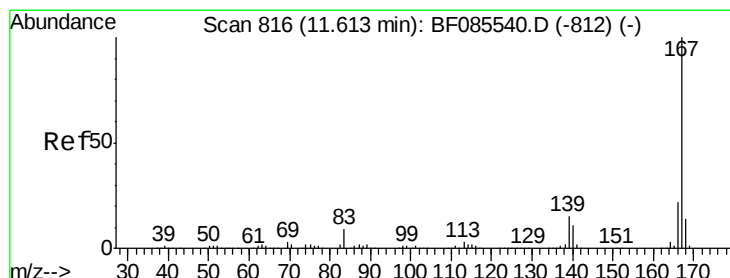
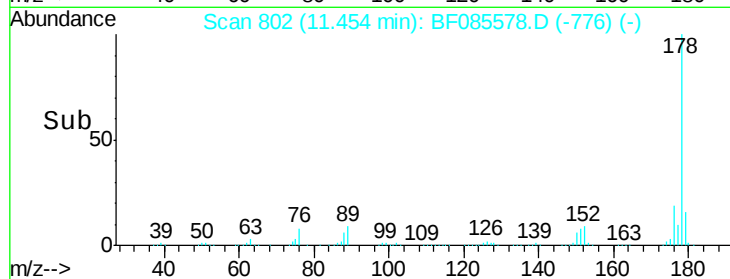
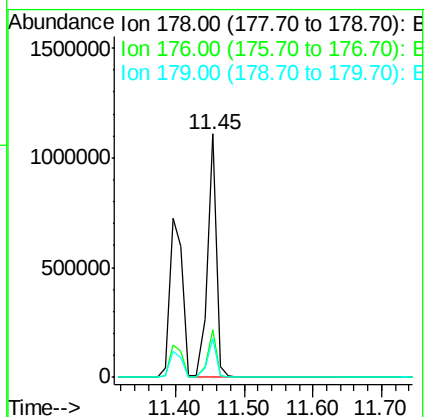
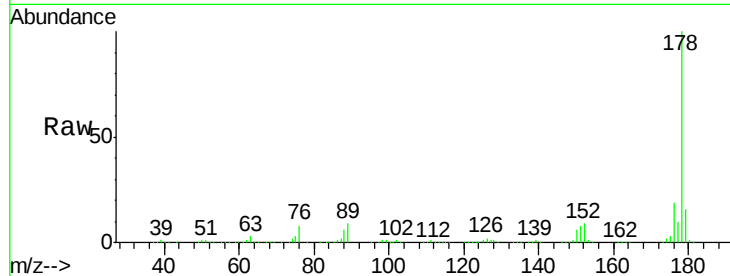
#71
 Anthracene
 Concen: 77.00 ng
 RT: 11.45 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

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

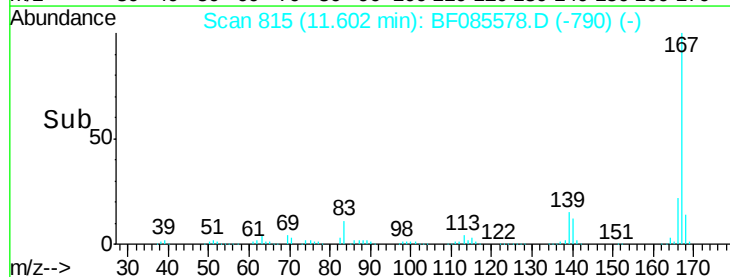
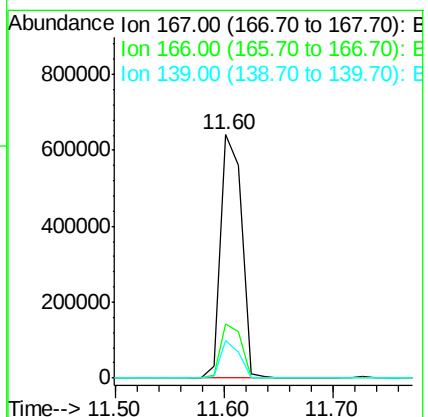
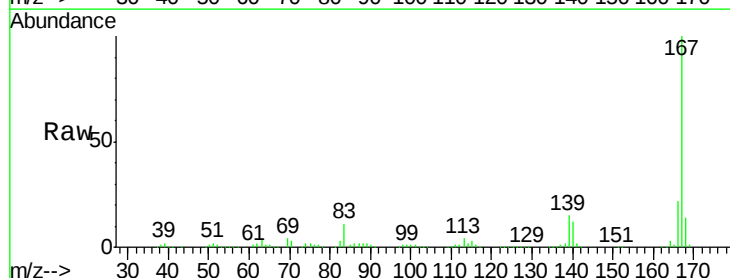
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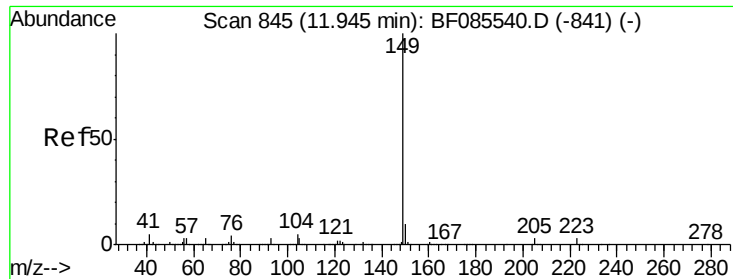
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#72
 Carbazole
 Concen: 77.59 ng
 RT: 11.60 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	15.5	11.6	17.4





#73

Di-n-butylphthalate

Concen: 77.97 ng

RT: 11.95 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

Tgt Ion:149 Resp: 1085569

Ion Ratio Lower Upper

149 100

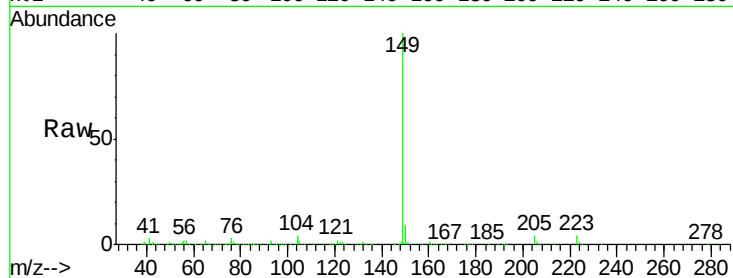
150 8.8 7.6 11.4

104 3.7 3.8 5.8#

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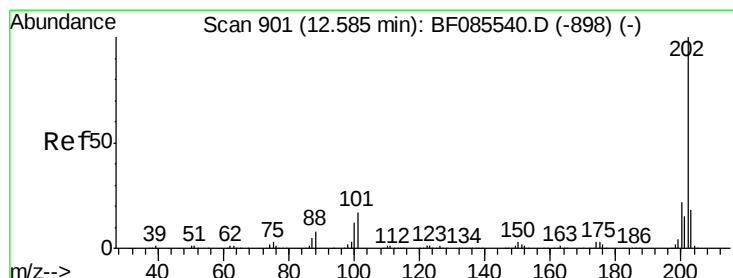
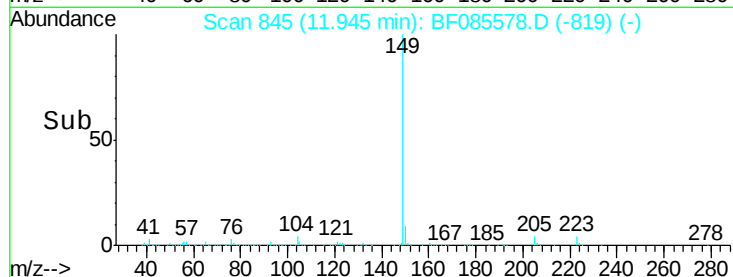
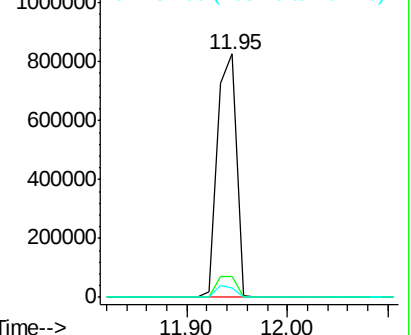
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 70.17 ng

RT: 12.59 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

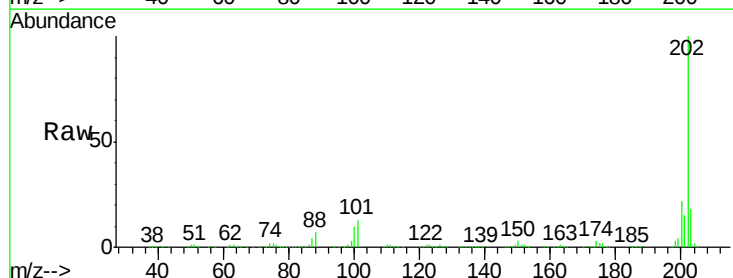
Tgt Ion:202 Resp: 903088

Ion Ratio Lower Upper

202 100

101 13.2 0.0 36.6

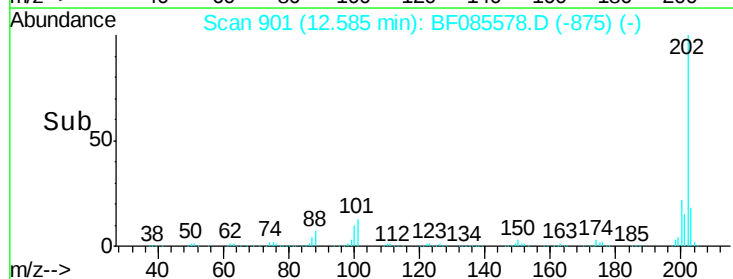
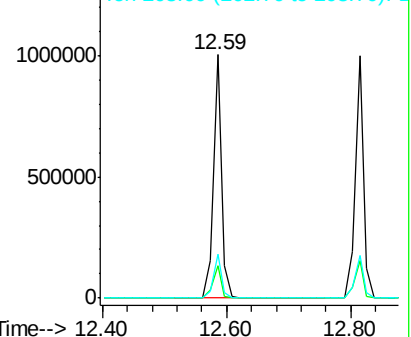
203 18.1 0.0 38.1

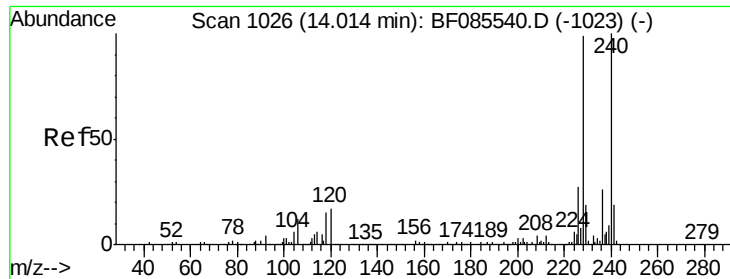


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

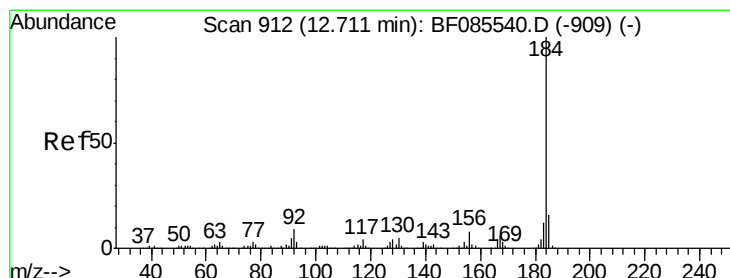
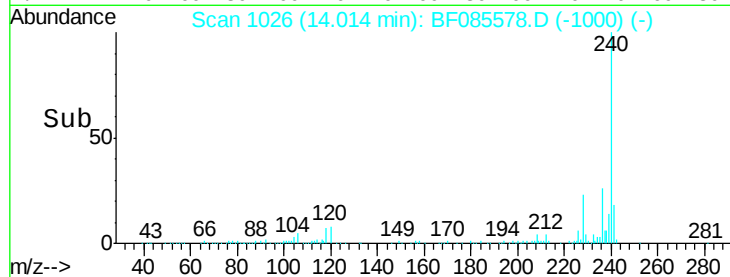
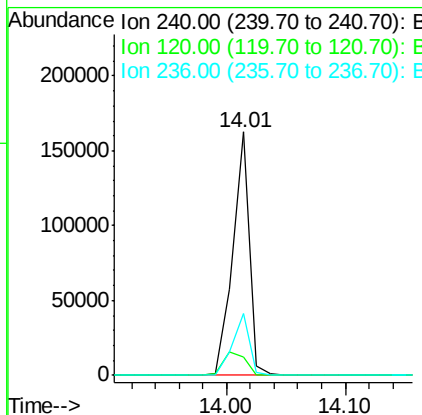
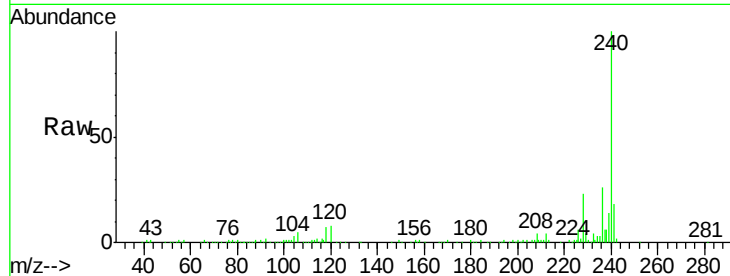
ClientSampleId :

SB-1(8-9)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	158020		
120	7.8	13.8	20.8#	
236	25.6	20.6	30.8	

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#76

Benzidine

Concen: 43.41 ng

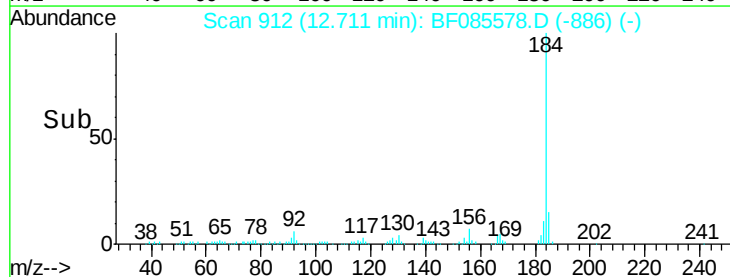
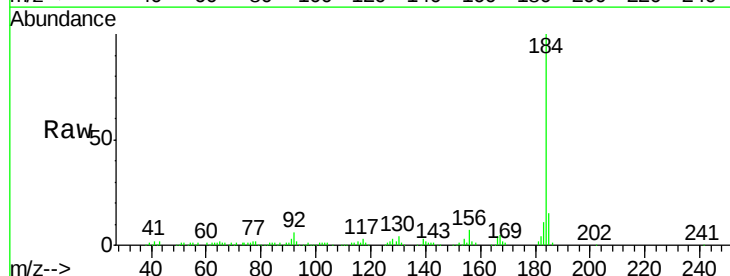
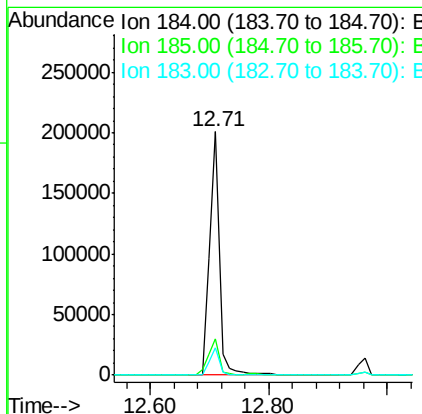
RT: 12.71 min Scan# 912

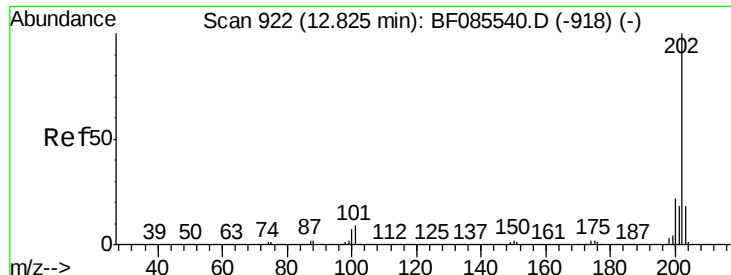
Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	230691		
185	14.7	12.4	18.6	
183	11.1	9.4	14.2	





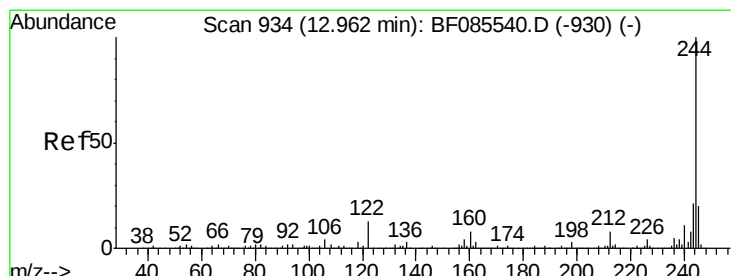
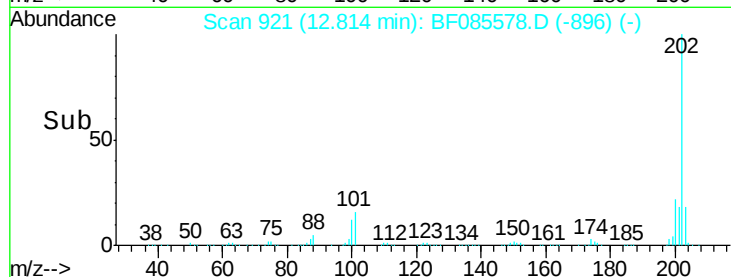
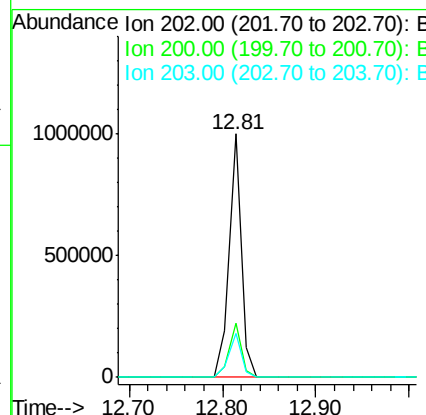
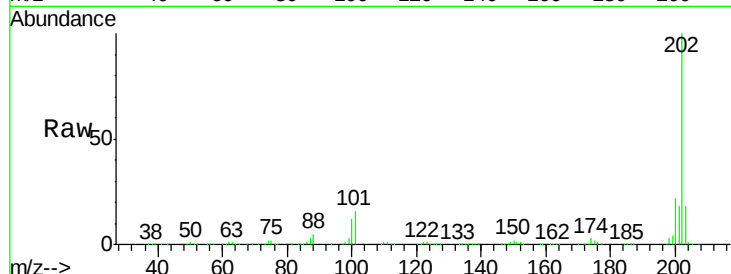
#77
 Pyrene
 Concen: 80.50 ng
 RT: 12.81 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	913310		
200	22.4	17.6	26.4	
203	17.8	14.0	21.0	

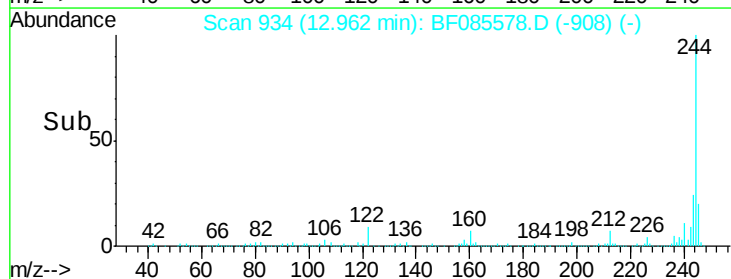
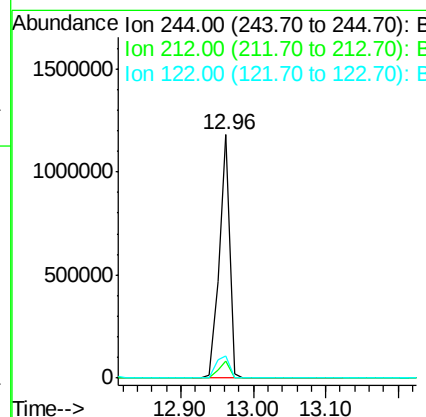
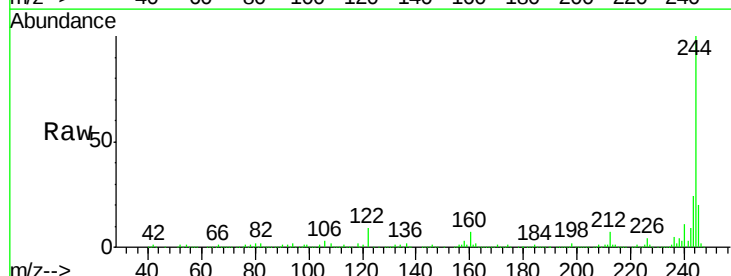
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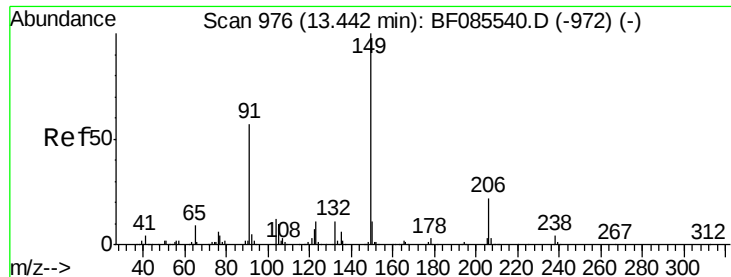
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#78
 Terphenyl-d14
 Concen: 176.51 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1159069		
212	7.0	6.1	9.1	
122	9.3	10.2	15.4	





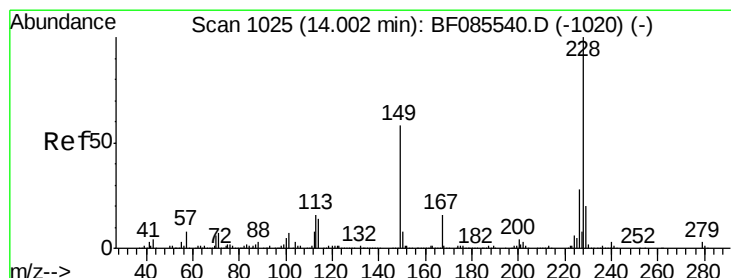
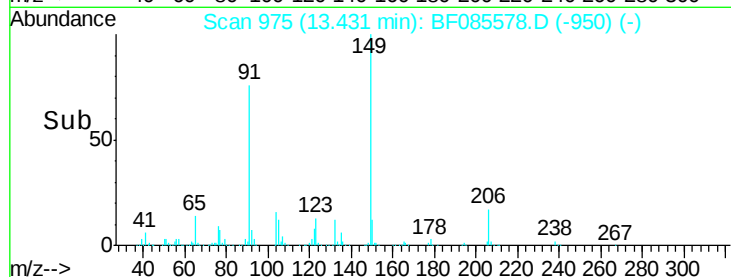
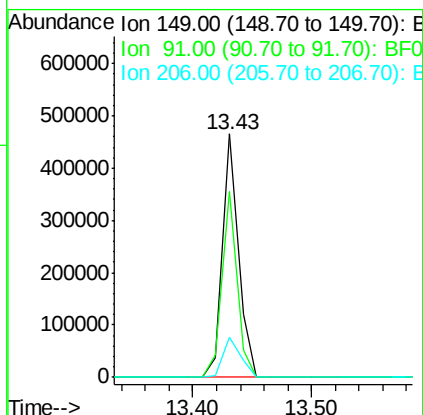
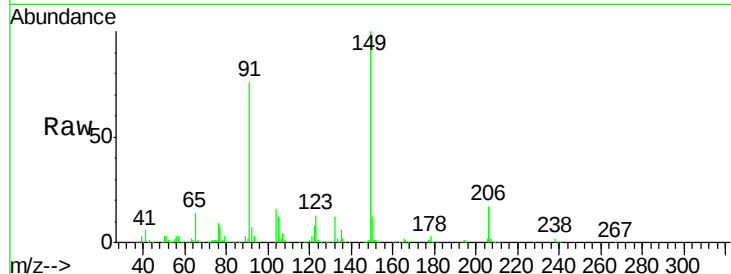
#79
Butylbenzylphthalate
Concen: 79.50 ng
RT: 13.43 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	429972		
91	76.3	45.8	68.8#	
206	16.5	17.8	26.8#	

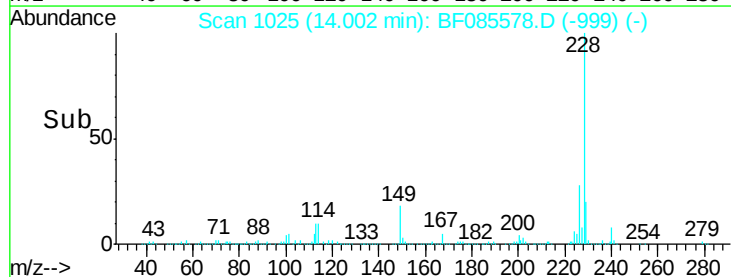
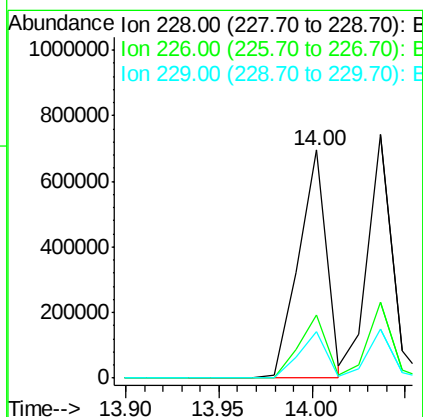
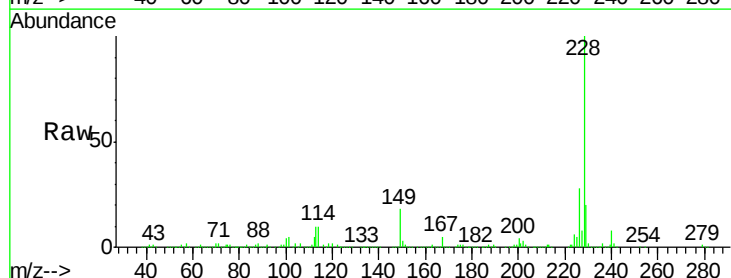
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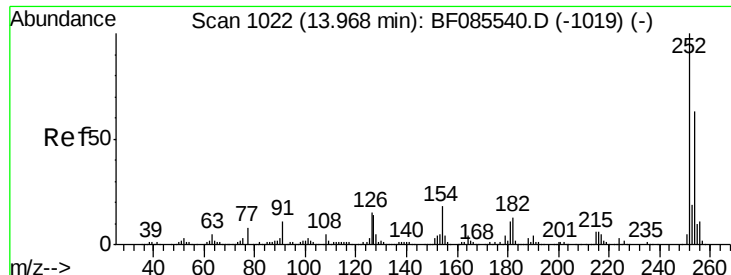
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#80
Benzo(a)anthracene
Concen: 79.45 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	728856		
226	28.0	22.1	33.1	
229	20.2	16.2	24.4	





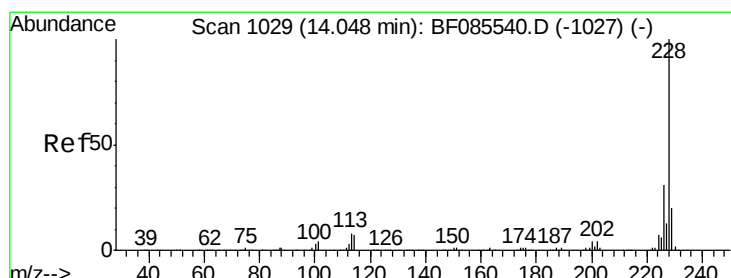
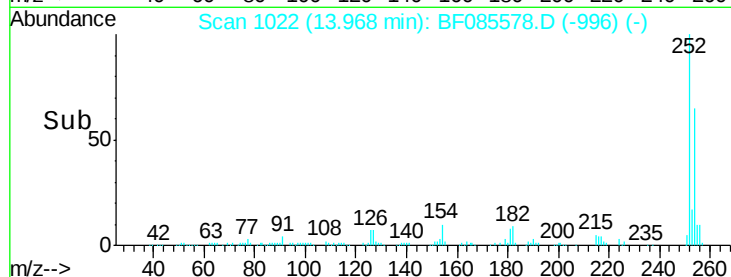
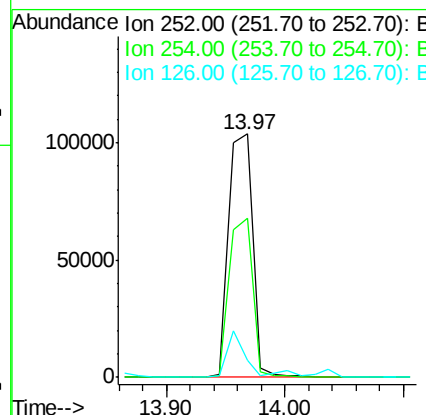
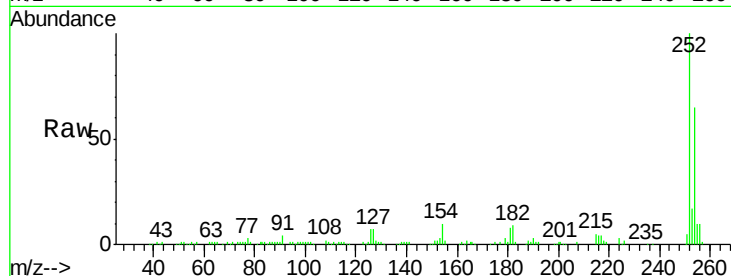
#81
 3,3'-Dichlorobenzidine
 Concen: 43.15 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	65.3	50.7	76.1
126	7.0	11.8	17.6

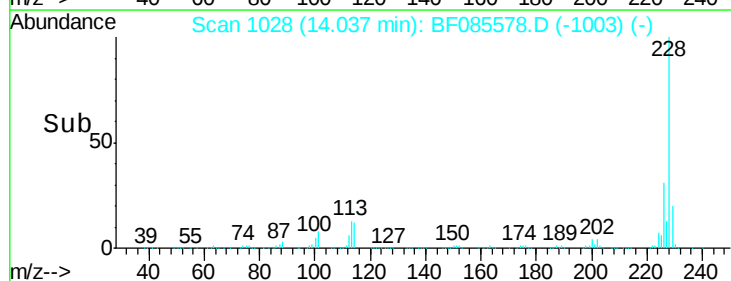
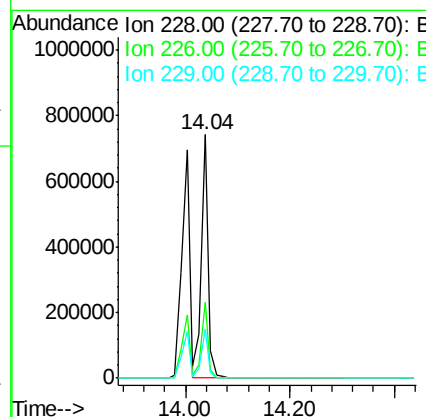
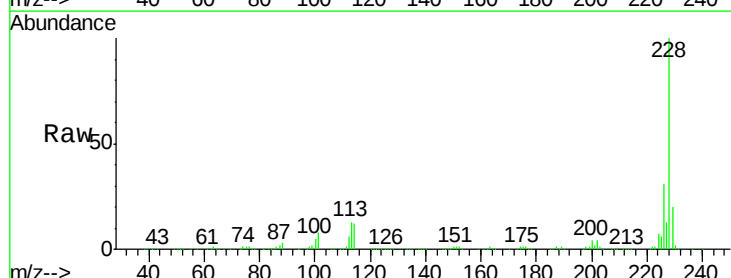
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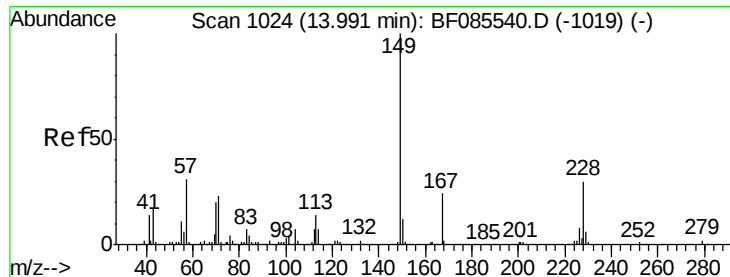
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#82
 Chrysene
 Concen: 76.92 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.9	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 81.47 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF085578.D

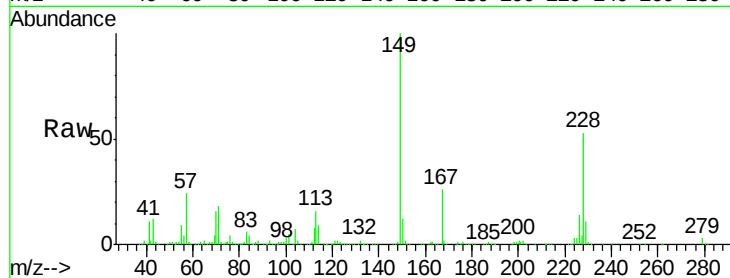
Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD



Tgt Ion:149 Resp: 547428

Ion Ratio Lower Upper

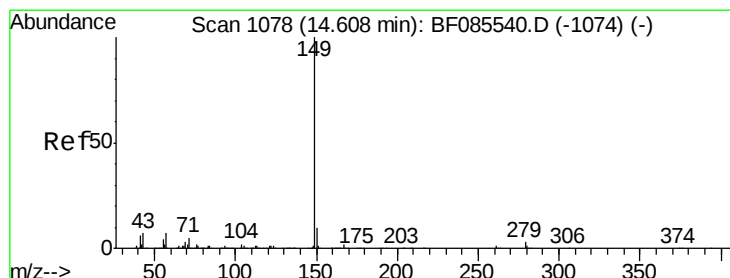
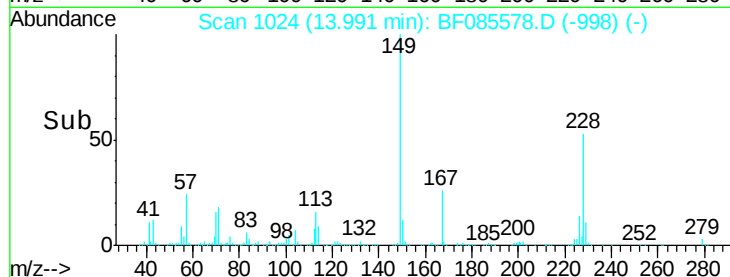
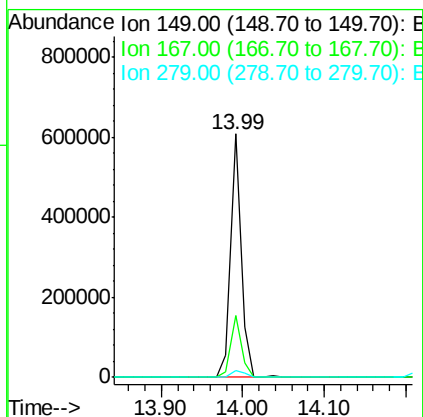
149 100

167 25.6 19.4 29.2

279 2.7 1.5 2.3#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 82.82 ng

RT: 14.60 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

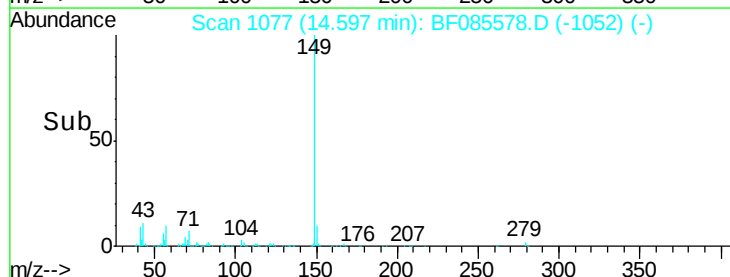
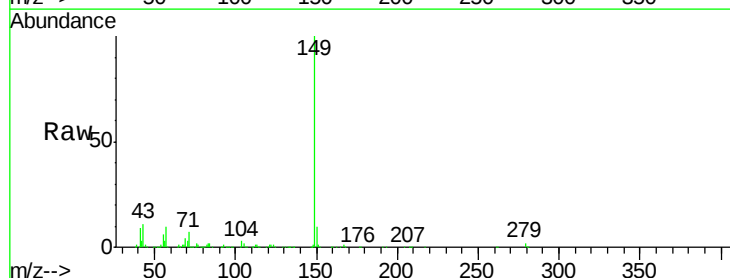
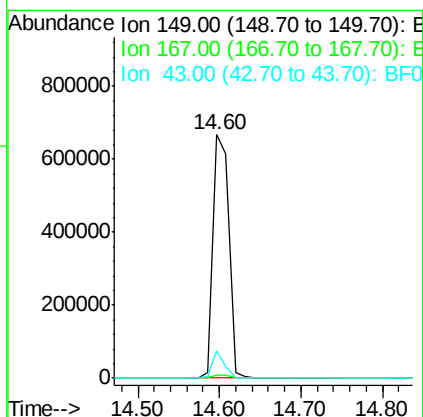
Tgt Ion:149 Resp: 906786

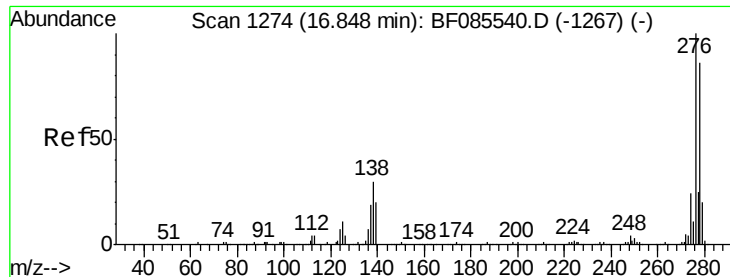
Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 8.6 7.1 10.7





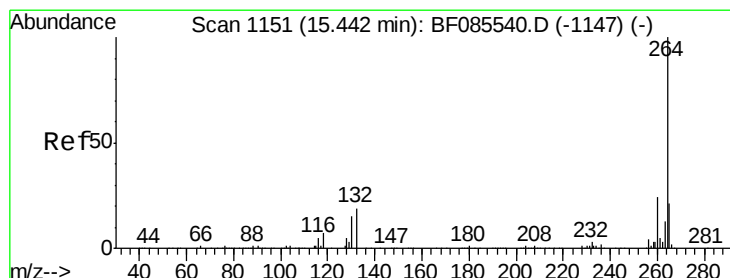
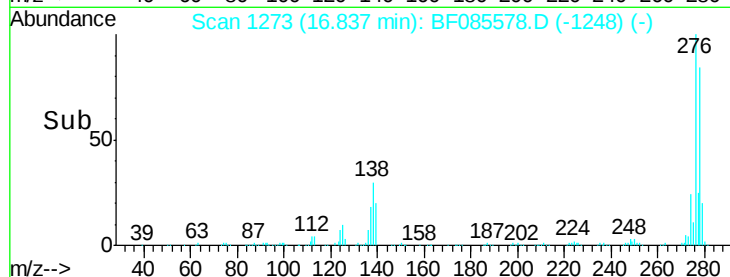
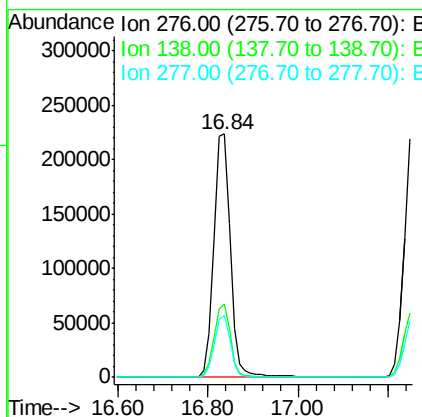
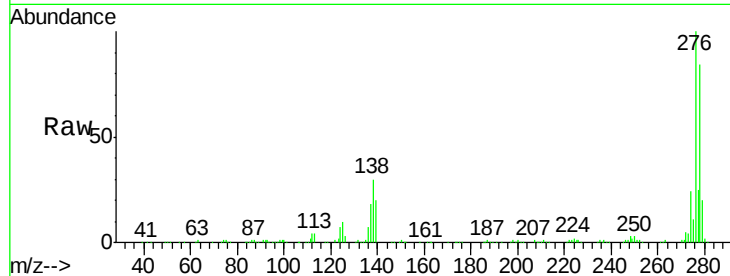
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 78.81 ng
 RT: 16.84 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tgt Ion:	276	Resp:	581241
Ion Ratio	Lower	Upper	
276	100		
138	29.8	24.2	36.4
277	25.0	20.0	30.0

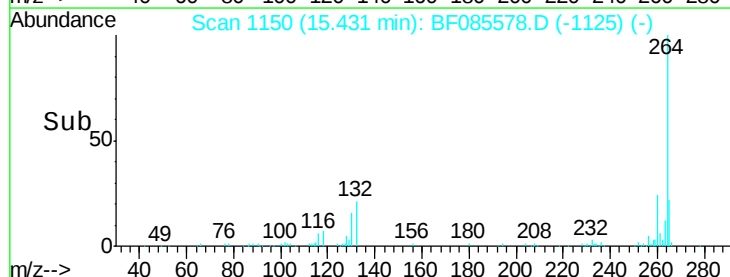
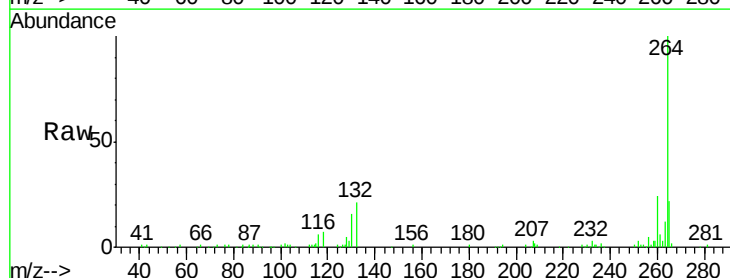
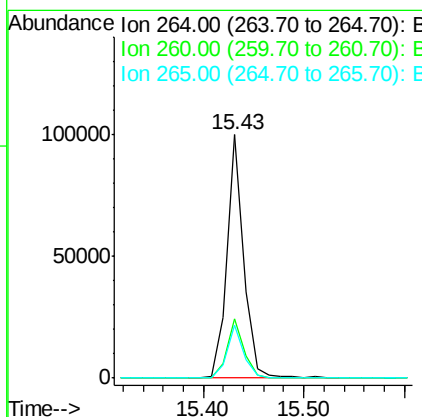
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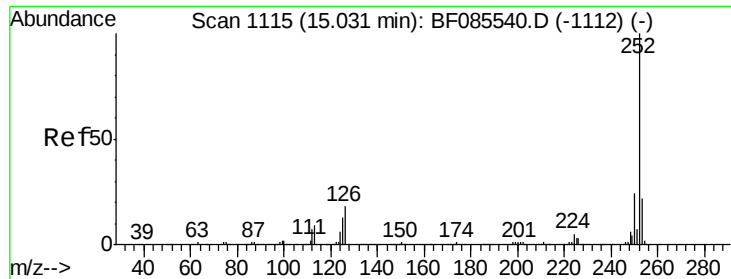
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion:	264	Resp:	116055
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.2
265	21.9	17.2	25.8





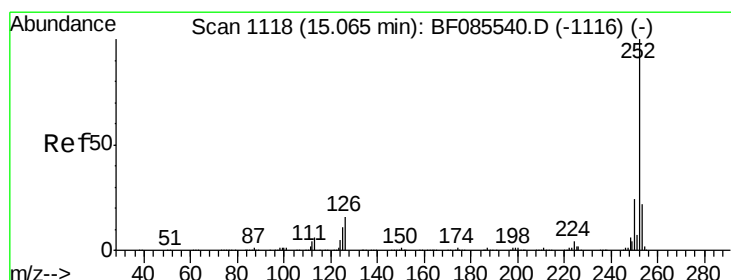
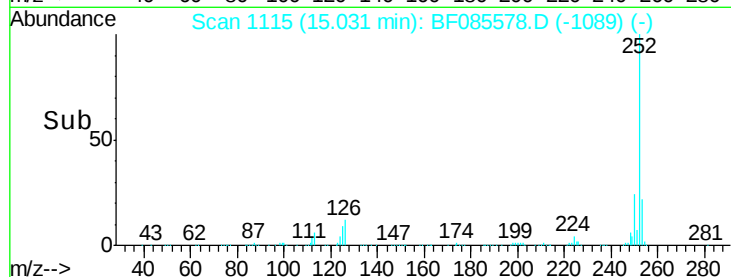
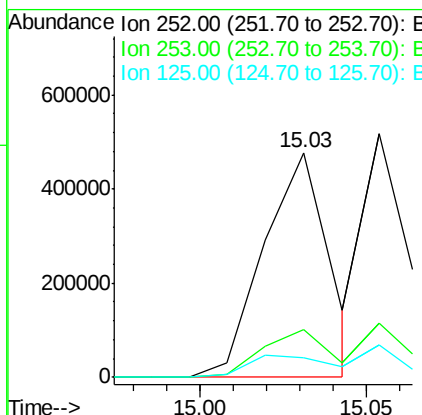
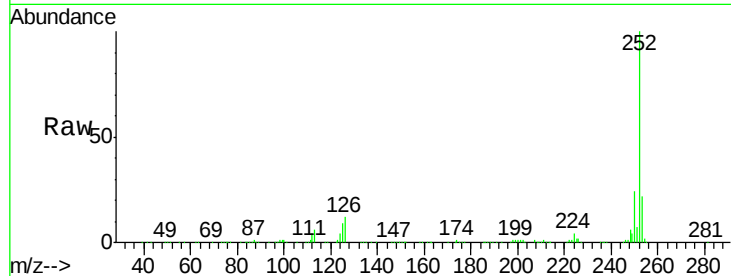
#87
Benzo(b)fluoranthene
Concen: 85.39 ng m
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.0	10.3	15.5#

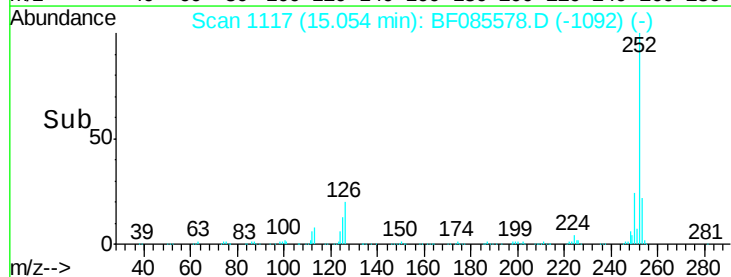
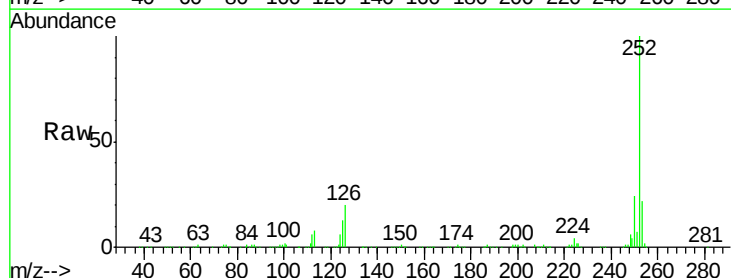
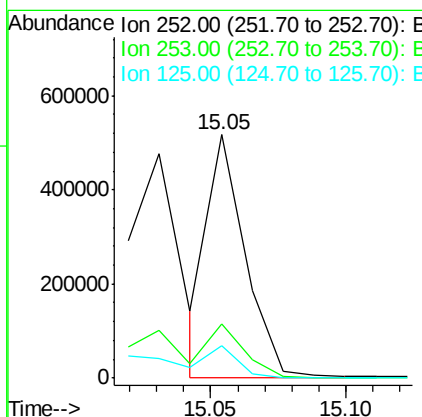
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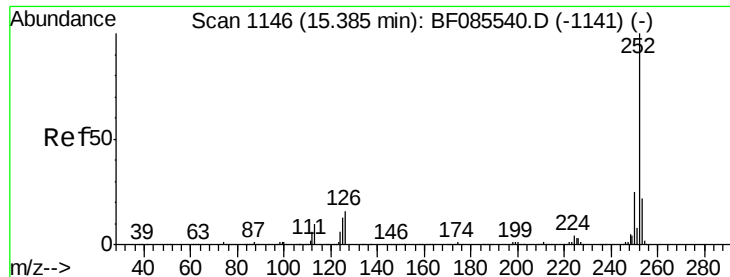
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#88
Benzo(k)fluoranthene
Concen: 80.22 ng m
RT: 15.05 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	13.2	7.7	11.5#





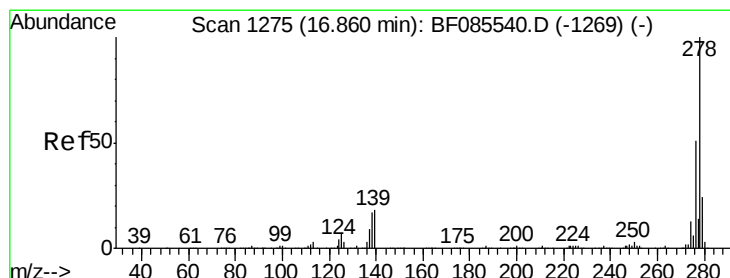
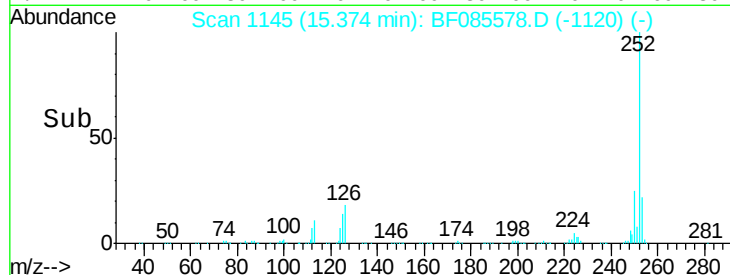
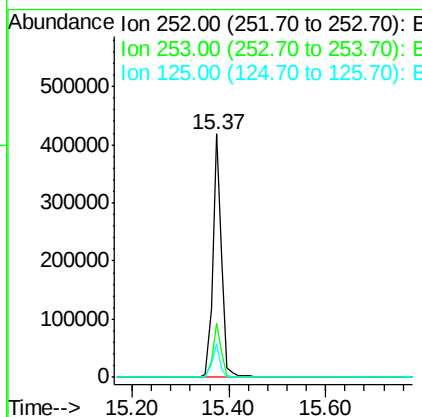
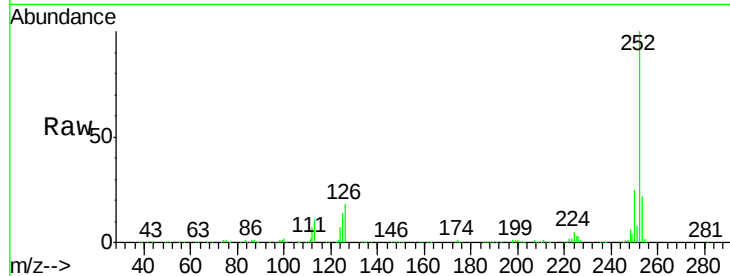
#89
Benzo(a)pyrene
Concen: 83.44 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	14.0	10.3	15.5

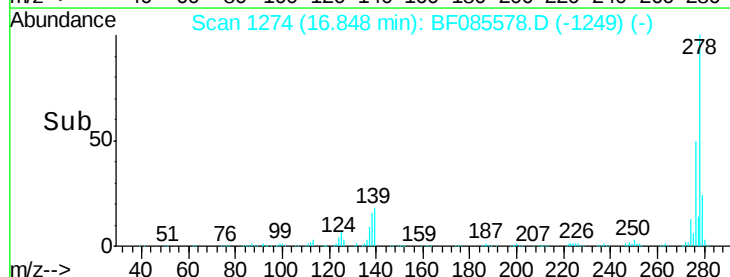
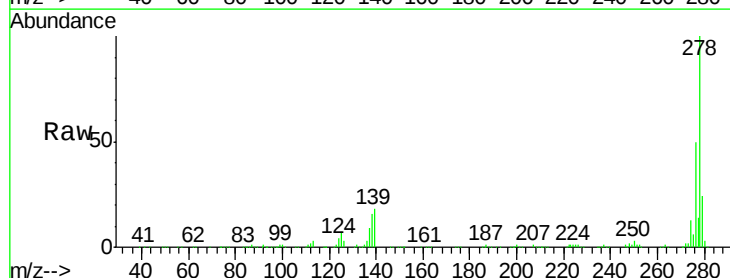
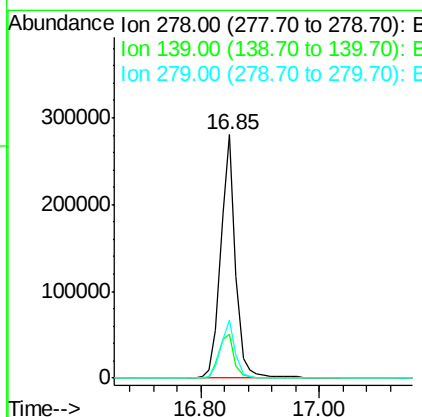
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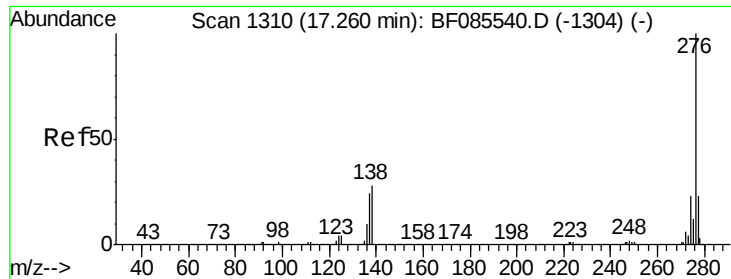
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#90
Dibenzo(a,h)anthracene
Concen: 90.80 ng
RT: 16.85 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.4	21.6
279	23.7	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 95.52 ng
 RT: 17.25 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		495029		
277	24.0	18.8	28.2		
138	26.8	22.6	34.0		

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