

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085110.D
 Acq On : 2 Mar 2016 10:53
 Operator : SJ/IZ
 Sample : PB88620BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88620BS

Manual Integrations
 APPROVED

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 3/3/2016 2:05:20 PM

Quant Time: Mar 03 11:21:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	192393	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	771222	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	384988	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	743079	20.00	ng	0.00
75) Chrysene-d12	14.16	240	611924	20.00	ng	0.00
86) Perylene-d12	15.62	264	470301	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1303174	109.96	ng	0.01
7) Phenol-d6	6.62	99	1849891	119.07	ng	0.00
23) Nitrobenzene-d5	7.55	82	1170053	80.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	510790	132.02	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1927331	73.73	ng	-0.01
78) Terphenyl-d14	13.10	244	1924214	73.77	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	177852	30.28	ng	99
3) Pyridine	3.53	79	584481	38.78	ng	97
4) n-Nitrosodimethylamine	3.48	42	258819	37.74	ng	95
6) Aniline	6.65	93	509394	23.11	ng	98
8) 2-Chlorophenol	6.78	128	562173	41.16	ng	94
9) Benzaldehyde	6.54	77	63210	5.53	ng	95
10) Phenol	6.63	94	811235	46.67	ng	92
11) bis(2-Chloroethyl)ether	6.72	93	493904	35.84	ng	91
12) 1,3-Dichlorobenzene	6.94	146	559378	38.13	ng	95
13) 1,4-Dichlorobenzene	7.00	146	542776	36.30	ng	98
14) 1,2-Dichlorobenzene	7.16	146	549259	41.72	ng	95
15) Benzyl Alcohol	7.13	79	525974	46.45	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	751782	37.02	ng	100
17) 2-Methylphenol	7.23	107	445190	38.90	ng	99
18) Hexachloroethane	7.51	117	215508	38.99	ng	92
19) n-Nitroso-di-n-propylamine	7.40	70	425751	41.58	ng	98
20) 3+4-Methylphenols	7.39	107	603303	44.11	ng	# 76
22) Acetophenone	7.39	105	758126	39.08	ng	# 91
24) Nitrobenzene	7.58	77	602360	40.06	ng	# 84
25) Isophorone	7.82	82	1098735	39.62	ng	# 93
26) 2-Nitrophenol	7.88	139	247717	36.84	ng	# 73
27) 2,4-Dimethylphenol	7.92	122	523995	40.21	ng	94
28) bis(2-Chloroethoxy)methane	8.02	93	708701	46.34	ng	99
29) 2,4-Dichlorophenol	8.12	162	446071	41.60	ng	96
30) 1,2,4-Trichlorobenzene	8.22	180	474353	40.58	ng	98
31) Naphthalene	8.30	128	1492793	38.27	ng	99
32) Benzoic acid	8.02	122	219392	33.94	ng	98
33) 4-Chloroaniline	8.34	127	249903	16.21	ng	# 92
34) Hexachlorobutadiene	8.42	225	268925	39.66	ng	99
35) Caprolactam	8.71	113	155906m	46.33	ng	
36) 4-Chloro-3-methylphenol	8.82	107	531529	44.83	ng	93
37) 2-Methylnaphthalene	8.99	142	1077006	45.17	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	416662	35.14	ng	98
40) Hexachlorocyclopentadiene	9.14	237	528466	78.29	ng	99

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Quant Time: Mar 03 11:21:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	325376	40.76	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	324088	42.37	ng	99
45) 1,1'-Biphenyl	9.45	154	1196428	35.01	ng	96
46) 2-Chloronaphthalene	9.47	162	929195	37.28	ng	95
47) 2-Nitroaniline	9.56	65	287663	36.76	ng	# 72
48) Acenaphthylene	9.90	152	1551488	41.88	ng	99
49) Dimethylphthalate	9.75	163	1077455	37.75	ng	99
50) 2,6-Dinitrotoluene	9.82	165	254525	43.00	ng	# 64
51) Acenaphthene	10.07	154	1044617	44.92	ng	98
52) 3-Nitroaniline	9.98	138	155663	22.14	ng	91
53) 2,4-Dinitrophenol	10.08	184	184409	68.97	ng	# 8
54) Dibenzofuran	10.24	168	1374767	45.54	ng	97
55) 4-Nitrophenol	10.14	139	506166	93.81	ng	# 78
56) 2,4-Dinitrotoluene	10.22	165	375067	47.02	ng	88
57) Fluorene	10.58	166	1056091	44.48	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	304557	52.56	ng	95
59) Diethylphthalate	10.46	149	1148777	41.99	ng	99
60) 4-Chlorophenyl-phenylether	10.57	204	499640	40.83	ng	96
61) 4-Nitroaniline	10.59	138	263656	40.00	ng	85
62) Azobenzene	10.73	77	1306196	47.26	ng	98
64) 4,6-Dinitro-2-methylphenol	10.62	198	155166	36.74	ng	# 48
65) n-Nitrosodiphenylamine	10.68	169	911073	38.90	ng	100
66) 4-Bromophenyl-phenylether	11.06	248	336372	43.11	ng	92
67) Hexachlorobenzene	11.13	284	378369	42.96	ng	# 89
68) Atrazine	11.21	200	283920	39.74	ng	99
69) Pentachlorophenol	11.31	266	410576	79.44	ng	98
70) Phenanthrene	11.54	178	1570749	42.50	ng	99
71) Anthracene	11.60	178	1647855	39.70	ng	97
72) Carbazole	11.75	167	1574203	43.58	ng	98
73) Di-n-butylphthalate	12.08	149	1752134	40.75	ng	99
74) Fluoranthene	12.73	202	1770535	43.65	ng	97
76) Benzidine	12.84	184	504583	27.27	ng	99
77) Pyrene	12.96	202	1766440	42.29	ng	99
79) Butylbenzylphthalate	13.58	149	718082	40.59	ng	98
80) Benzo(a)anthracene	14.15	228	1460528	41.11	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	227872	20.52	ng	# 96
82) Chrysene	14.18	228	1383704	42.65	ng	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	908765	44.50	ng	100
84) Di-n-octyl phthalate	14.74	149	1442154	47.57	ng	99
85) Indeno(1,2,3-cd)pyrene	17.11	276	1010714	36.84	ng	100
87) Benzo(b)fluoranthene	15.20	252	1240407	43.32	ng	100
88) Benzo(k)fluoranthene	15.22	252	1043072m	42.05	ng	
89) Benzo(a)pyrene	15.57	252	1038145	43.10	ng	99
90) Dibenzo(a,h)anthracene	17.13	278	857425	39.52	ng	98
91) Benzo(g,h,i)perylene	17.55	276	852247	38.64	ng	99

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

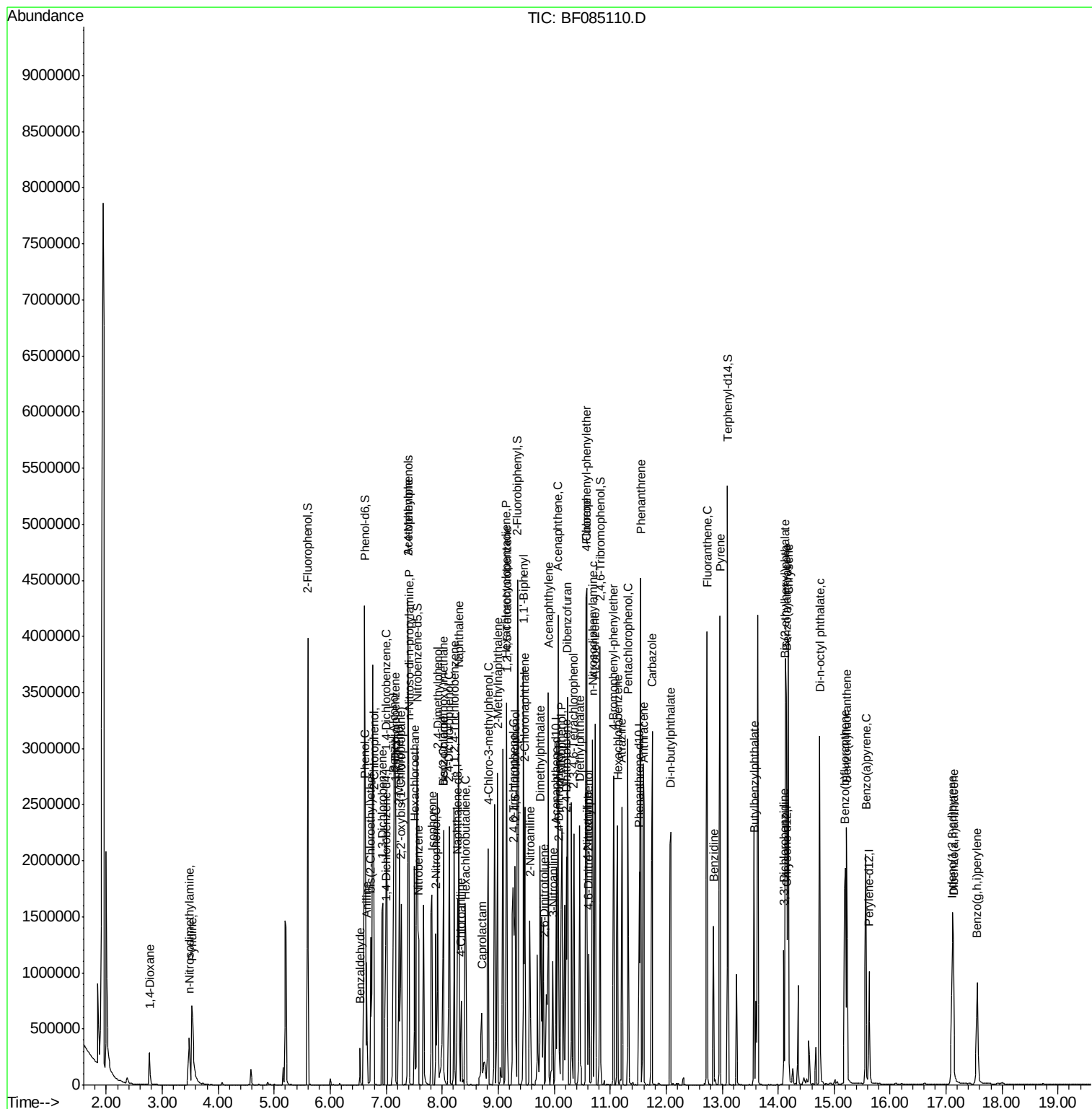
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Data File : BF085110.D  
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Operator  : SJ/IZ  
Sample    : PB88620BS  
Misc      :  
ALS Vial  : 6 Sample Multiplier: 1
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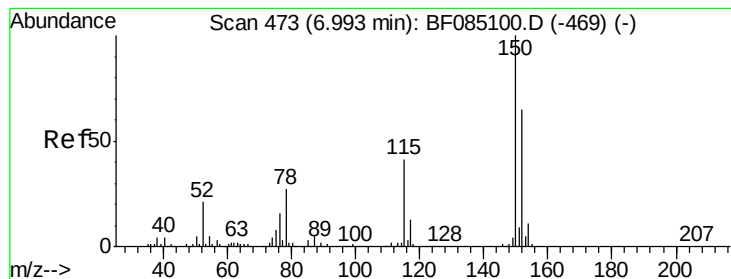
Instrument :
BNA_F
ClientSampleId :
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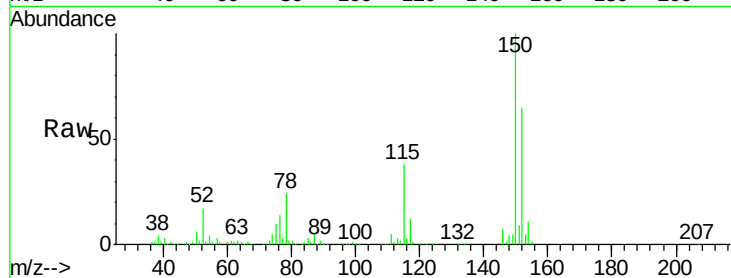
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.99 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB88620BS

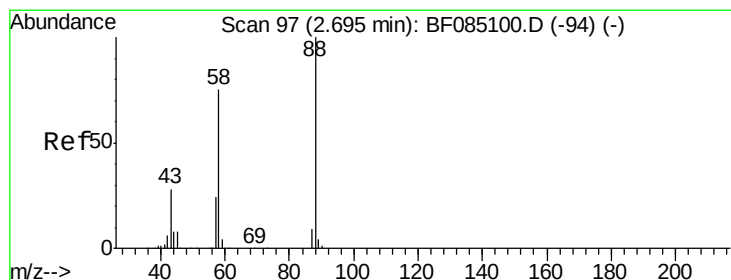
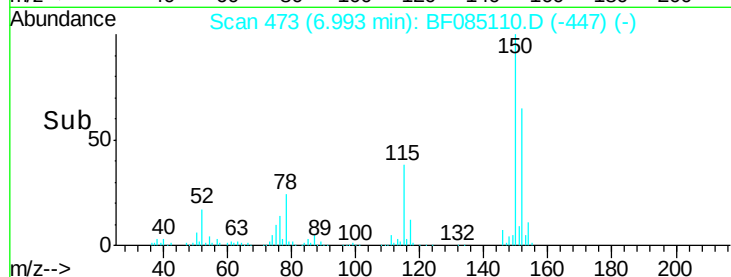
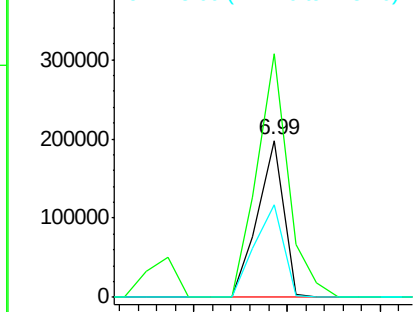
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	192393		
150	154.9	123.4	185.0	
115	58.7	50.0	75.0	

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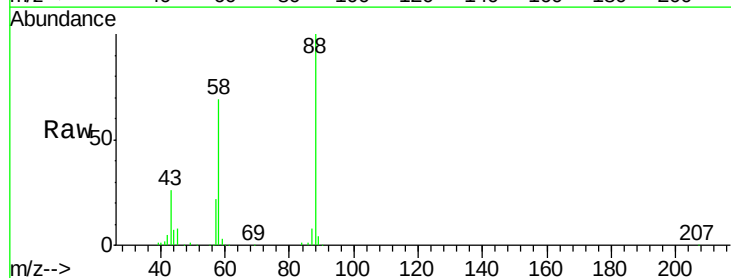


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

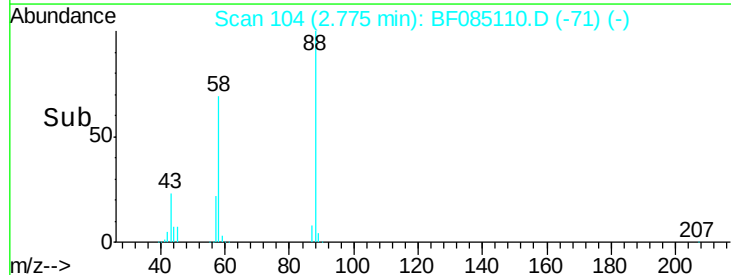
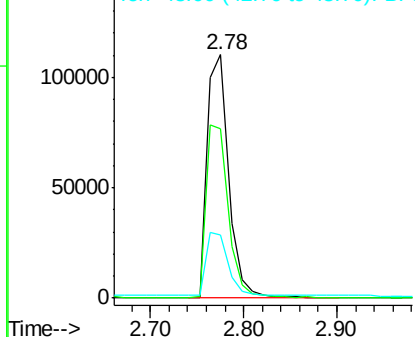


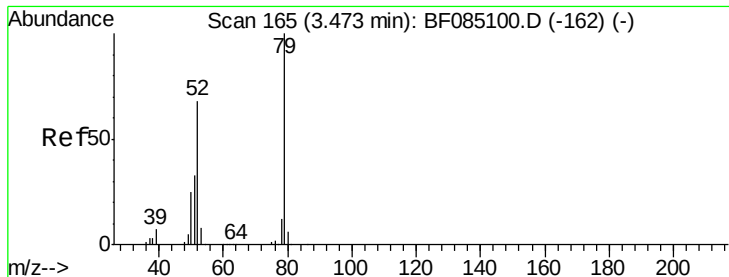
#2
 1,4-Dioxane
 Concen: 30.28 ng
 RT: 2.78 min Scan# 104
 Delta R.T. 0.08 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	177852		
58	72.3	58.4	87.6	
43	26.8	22.2	33.4	



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: 38.78 ng

RT: 3.53 min Scan# 170

Delta R.T. 0.06 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

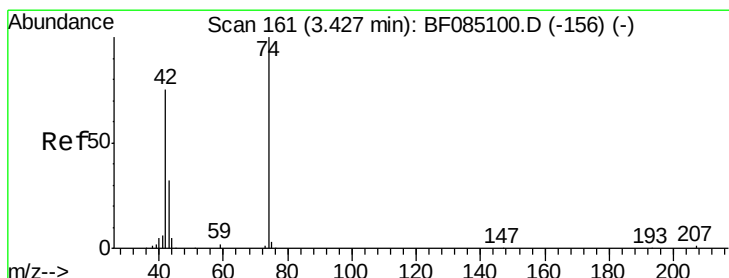
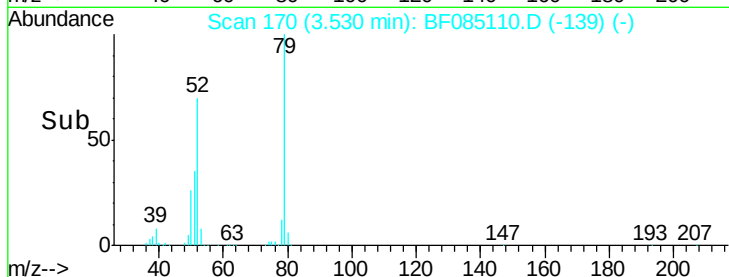
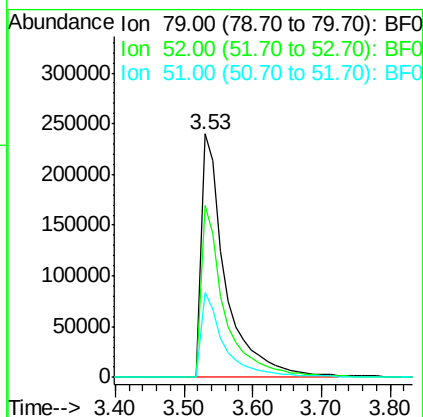
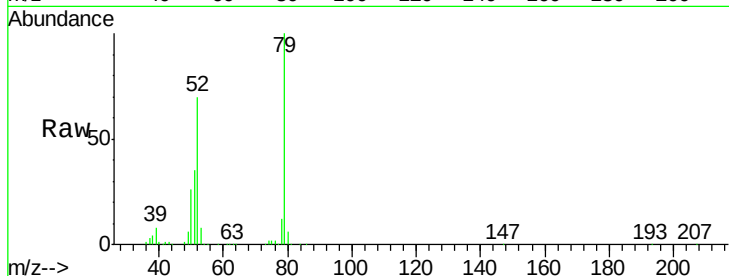
ClientSampleId :

PB88620BS

Tgt Ion:	79	Resp:	584481
Ion Ratio	Lower	Upper	
79	100		
52	70.5	54.1	81.1
51	34.9	26.6	40.0

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#4

n-Nitrosodimethylamine

Concen: 37.74 ng

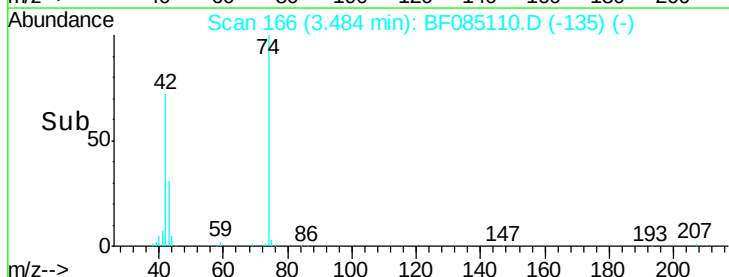
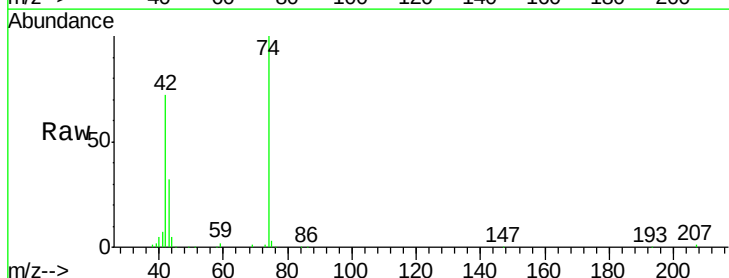
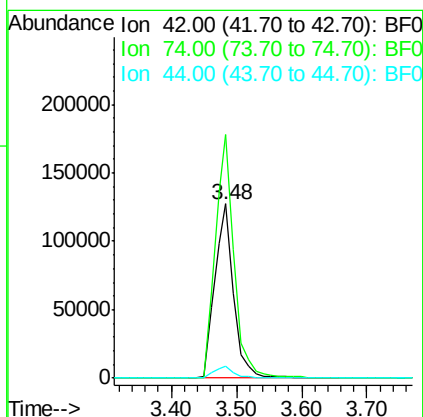
RT: 3.48 min Scan# 166

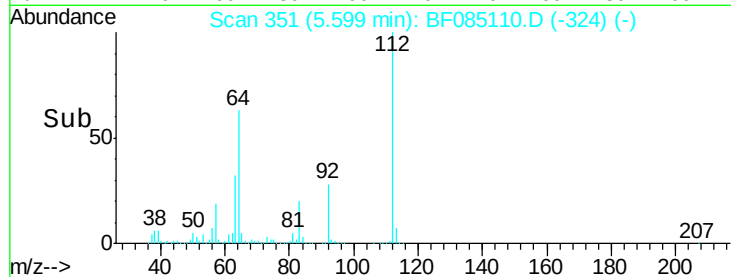
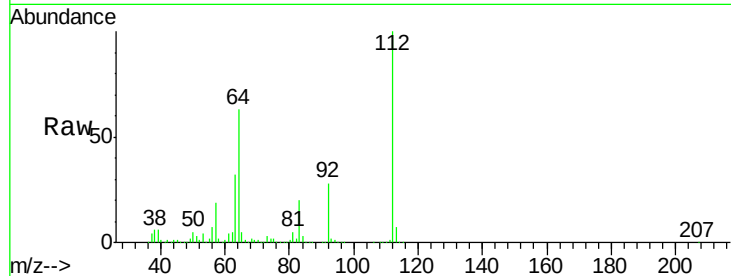
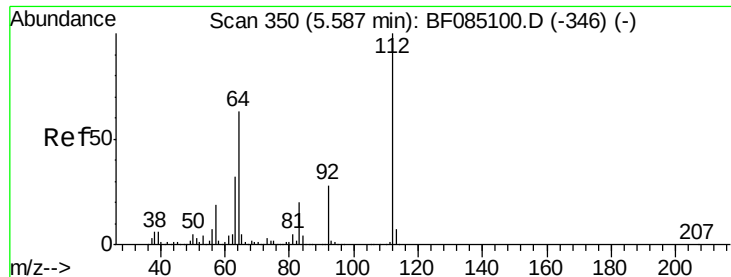
Delta R.T. 0.06 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:	42	Resp:	258819
Ion Ratio	Lower	Upper	
42	100		
74	139.7	106.6	160.0
44	7.1	5.4	8.2





#5

2-Fluorophenol

Concen: 109.96 ng

RT: 5.60 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:	112	Resp:	1303174
Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.6	76.0
63	31.8	25.5	38.3

Instrument :

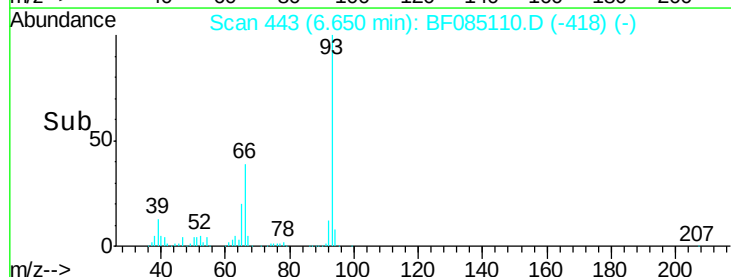
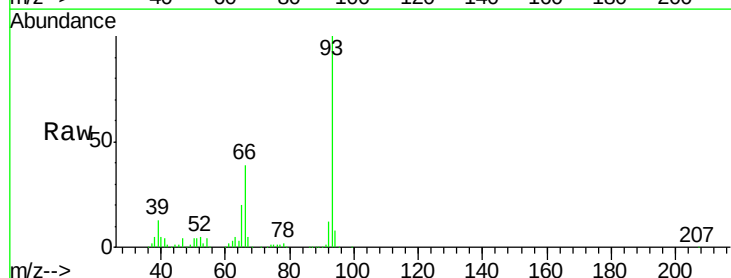
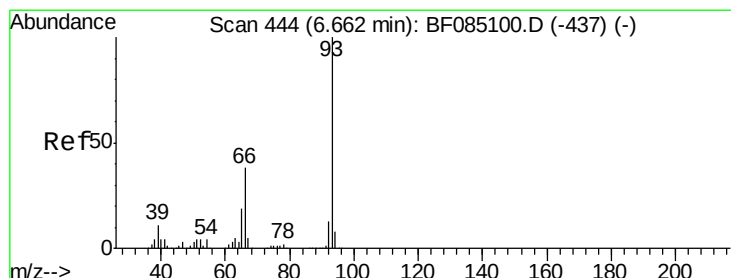
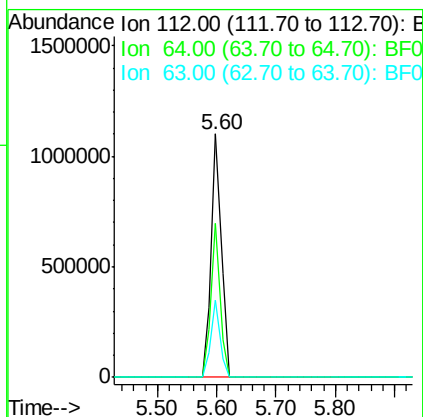
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PB88620BS

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#6

Aniline

Concen: 23.11 ng

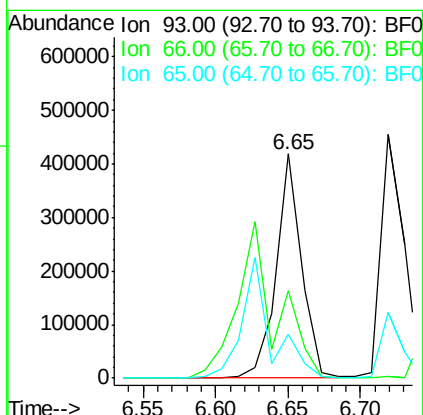
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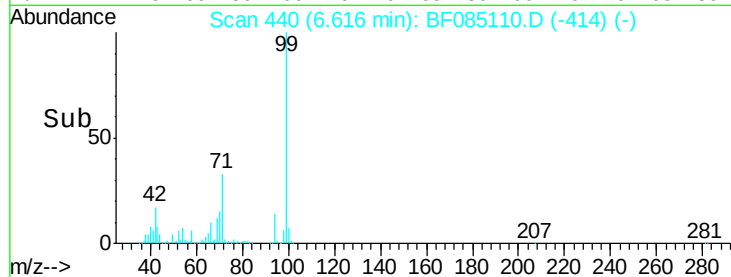
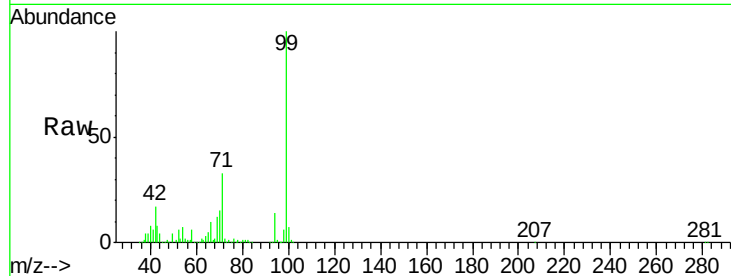
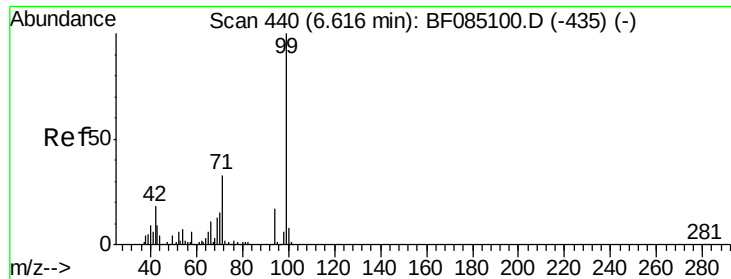
Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:	93	Resp:	509394
Ion	Ratio	Lower	Upper
93	100		
66	39.2	30.1	45.1
65	19.7	15.0	22.6





#7

Phenol-d6

Concen: 119.07 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion: 99 Resp: 1849891

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 32.7 26.8 40.2

Instrument :

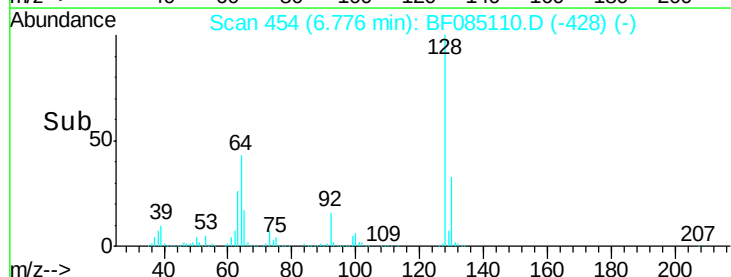
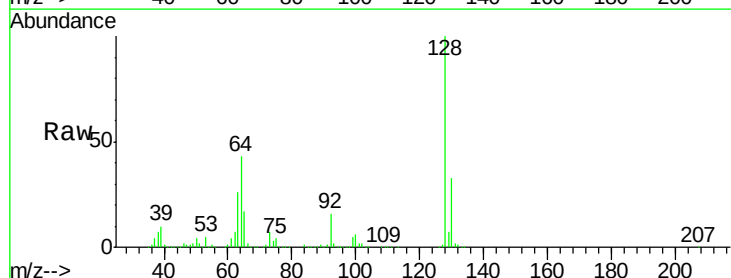
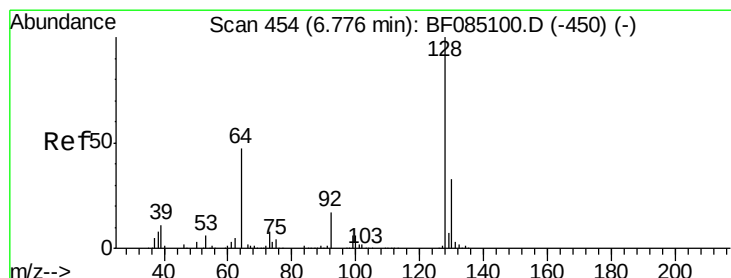
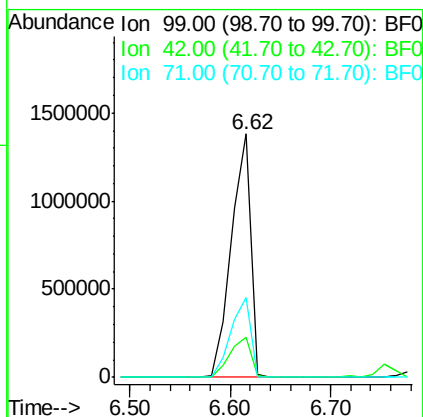
BNA_F

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#8

2-Chlorophenol

Concen: 41.16 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

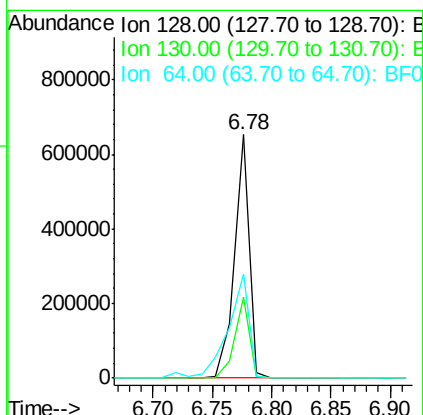
Tgt Ion: 128 Resp: 562173

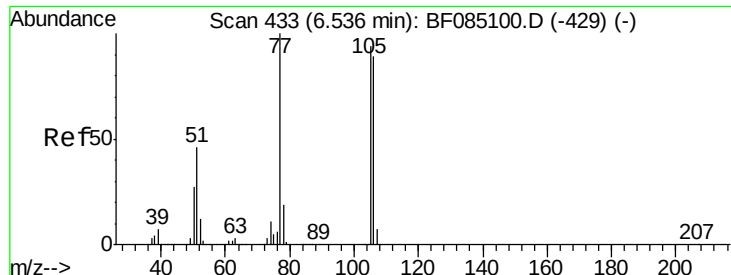
Ion Ratio Lower Upper

128 100

130 33.4 13.1 53.1

64 42.9 29.6 69.6





#9

Benzaldehyde

Concen: 5.53 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085110.D

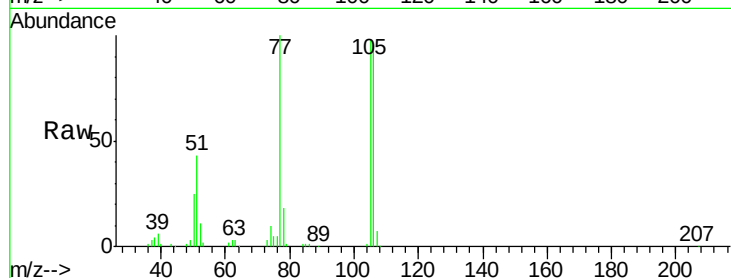
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Instrument :

BNA_F

ClientSampleId :

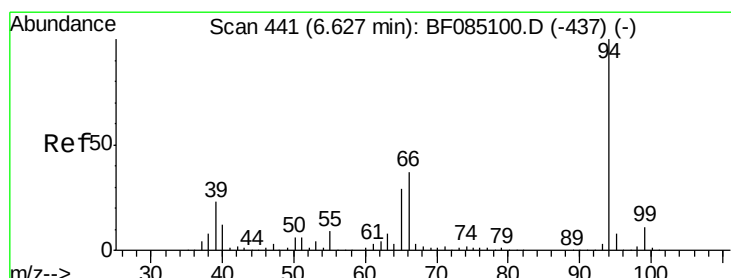
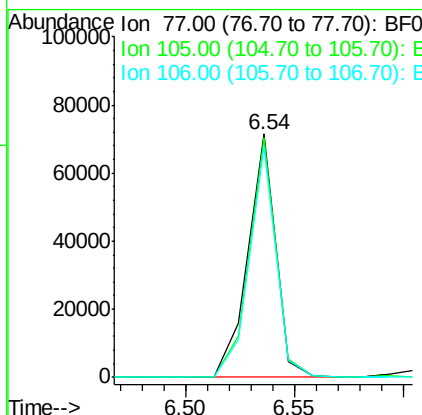
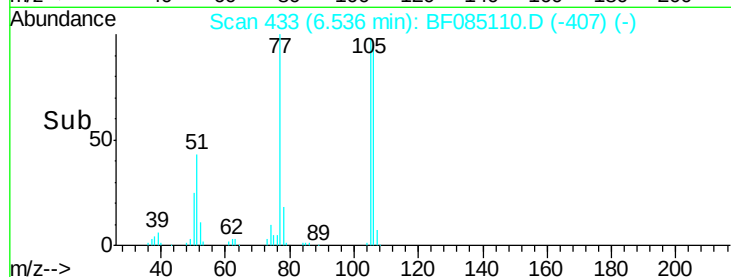
PB88620BS



Tgt Ion:	77	Resp:	63210
Ion Ratio	Lower	Upper	
77	100		
105	98.4	73.7	113.7
106	94.7	69.2	109.2

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#10

Phenol

Concen: 46.67 ng

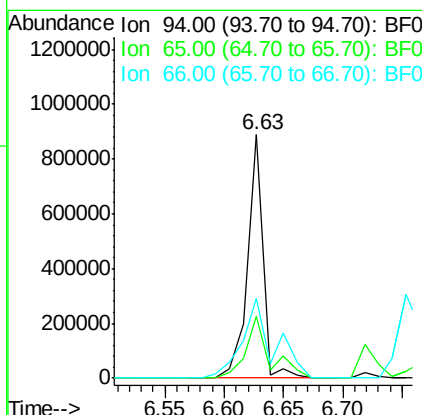
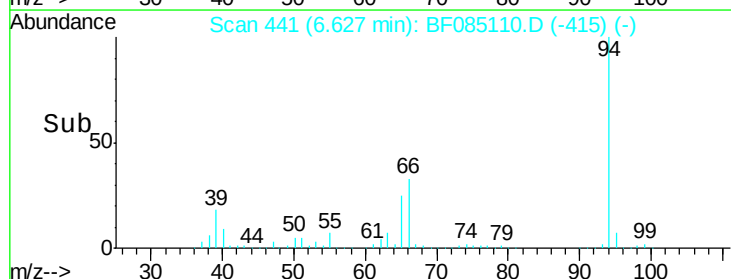
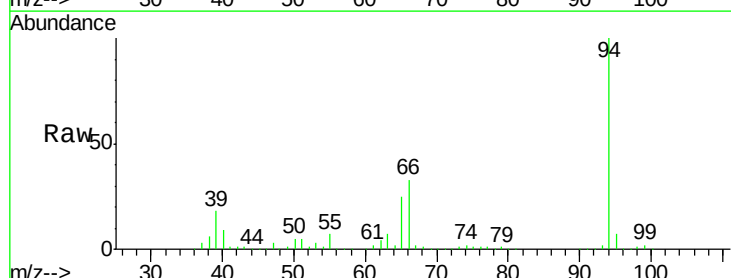
RT: 6.63 min Scan# 441

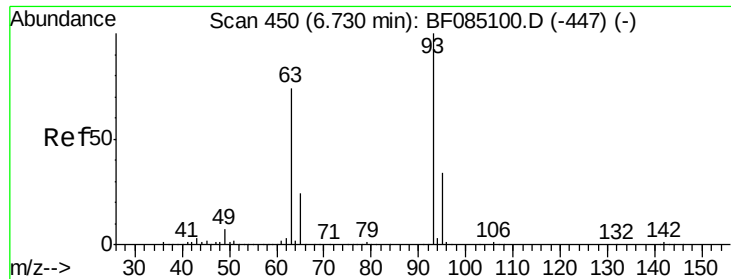
Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:	94	Resp:	811235
Ion Ratio	Lower	Upper	
94	100		
65	25.2	9.1	49.1
66	32.8	17.5	57.5





#11

bis(2-Chloroethyl)ether

Concen: 35.84 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

PB88620BS

Tgt Ion: 93 Resp: 493904
Ion Ratio Lower Upper

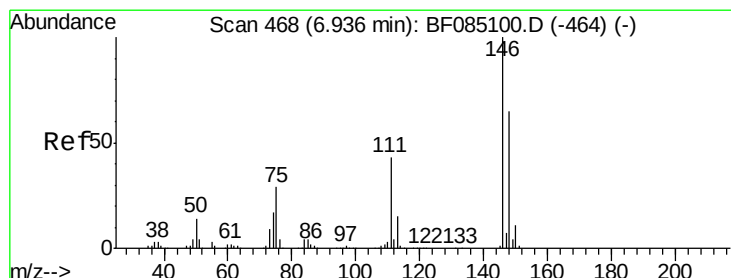
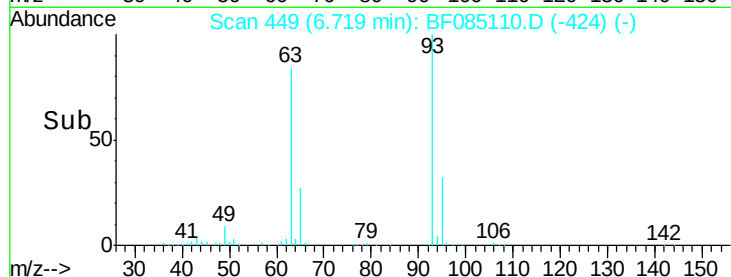
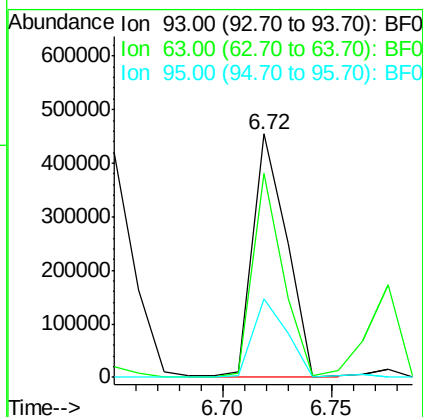
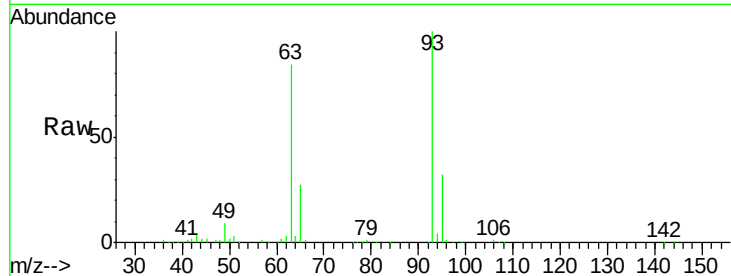
93 100

63 83.5 53.9 93.9

95 32.4 13.8 53.8

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#12

1,3-Dichlorobenzene

Concen: 38.13 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF085110.D

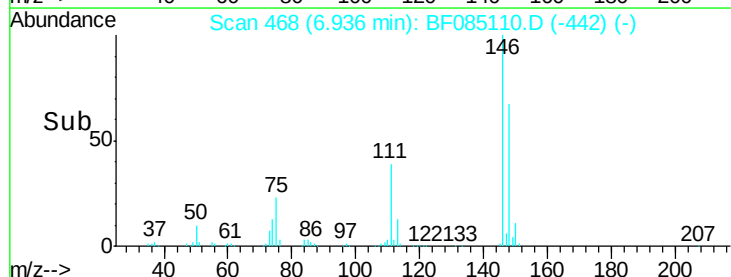
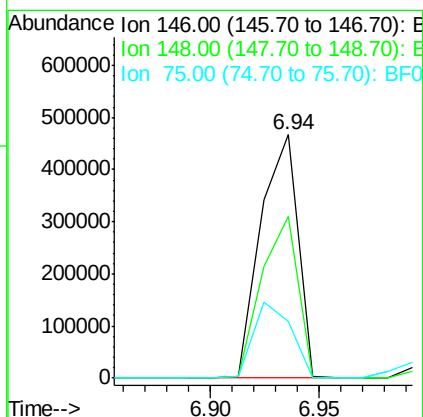
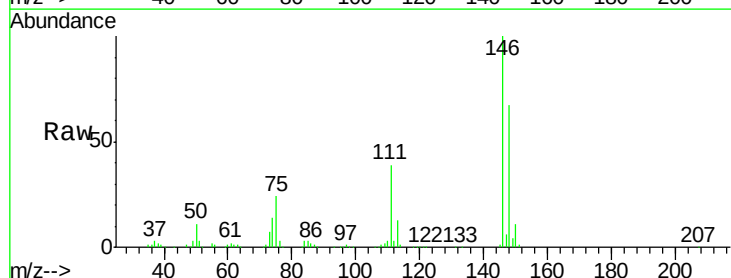
Acq: 2 Mar 2016 10:53

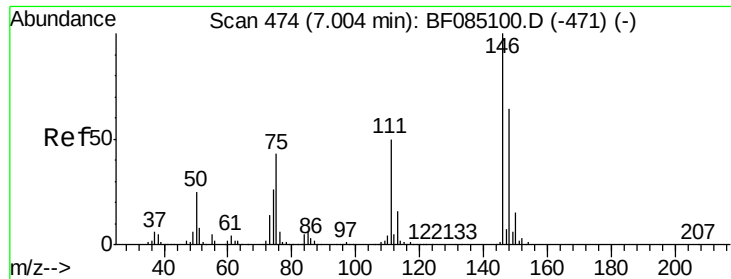
Tgt Ion: 146 Resp: 559378
Ion Ratio Lower Upper

146 100

148 66.6 51.9 77.9

75 23.5 23.3 34.9





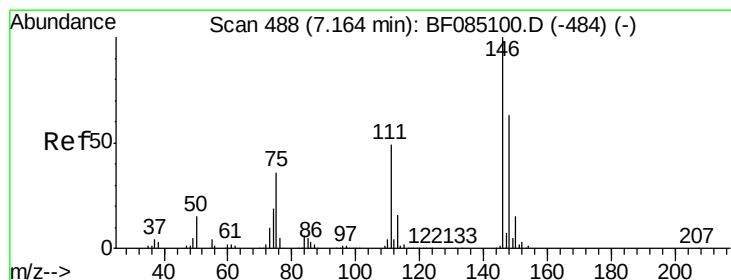
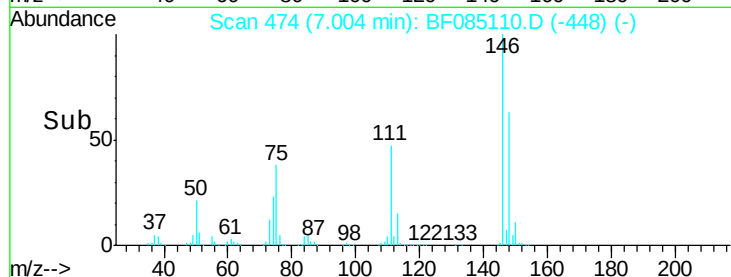
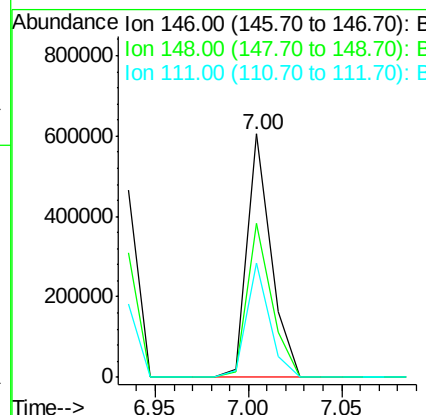
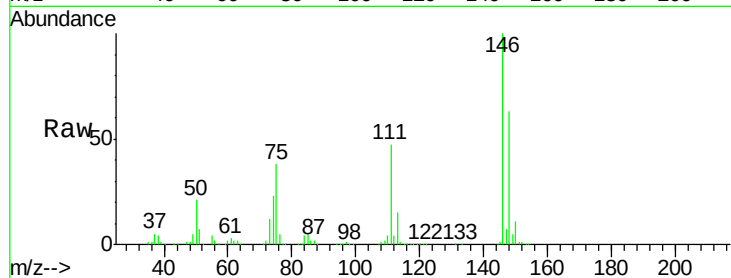
#13
1,4-Dichlorobenzene
Concen: 36.30 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Instrument :
BNA_F
ClientSampleId :
PB88620BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	47.2	40.0	60.0

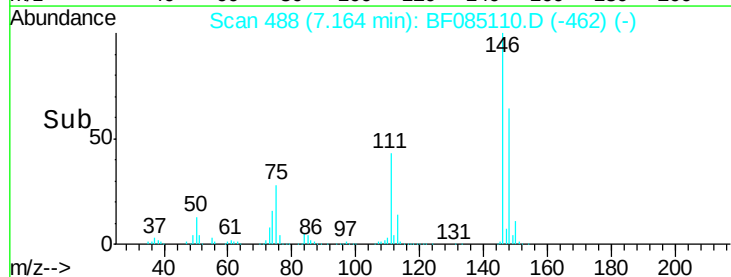
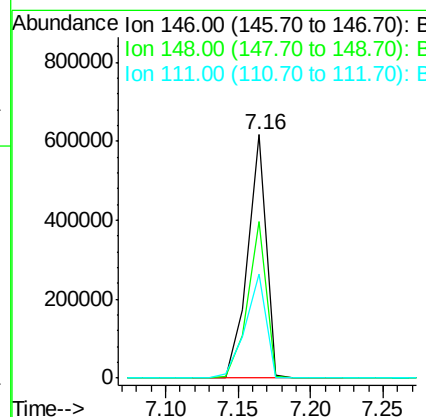
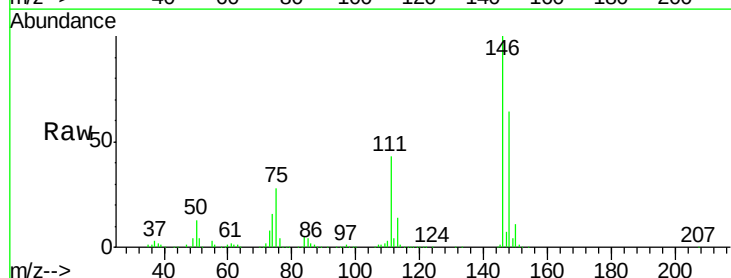
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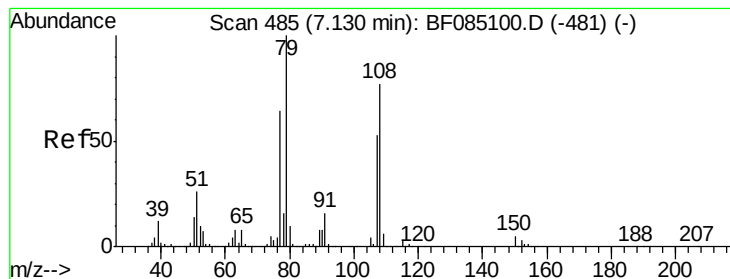
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#14
1,2-Dichlorobenzene
Concen: 41.72 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.5	75.7
111	42.9	38.9	58.3





#15

Benzyl Alcohol

Concen: 46.45 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

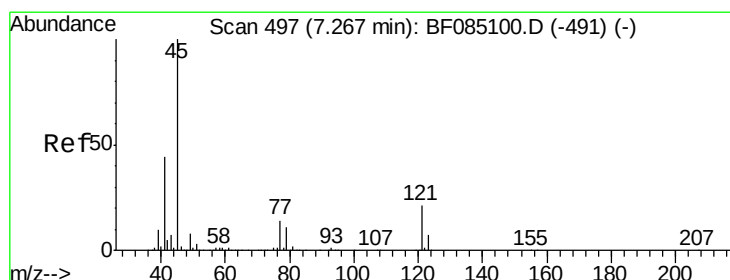
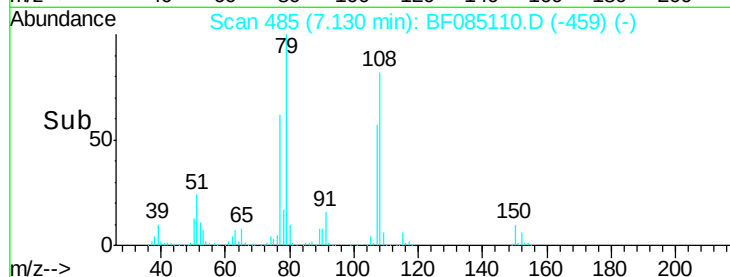
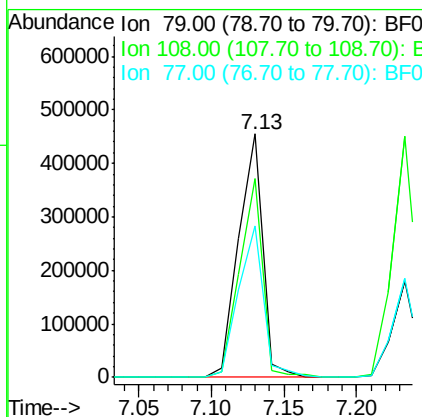
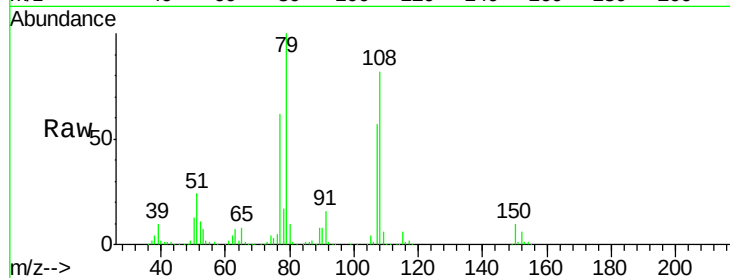
ClientSampleId :

PB88620BS

Tgt Ion:	79	Resp:	525974
Ion	Ratio	Lower	Upper
79	100		
108	81.8	61.8	92.6
77	62.0	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.02 ng

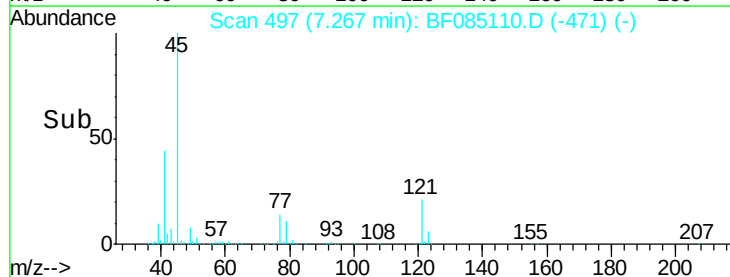
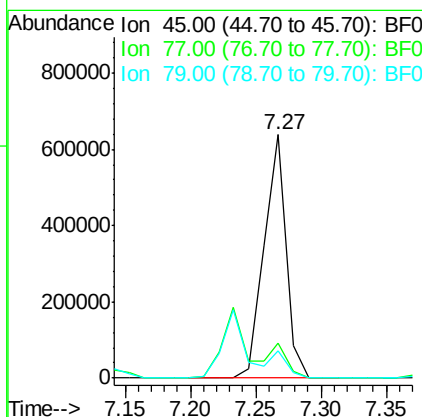
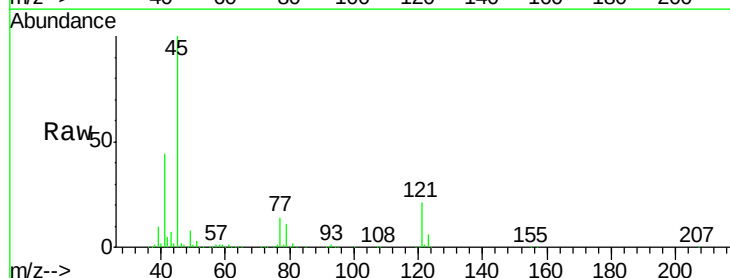
RT: 7.27 min Scan# 497

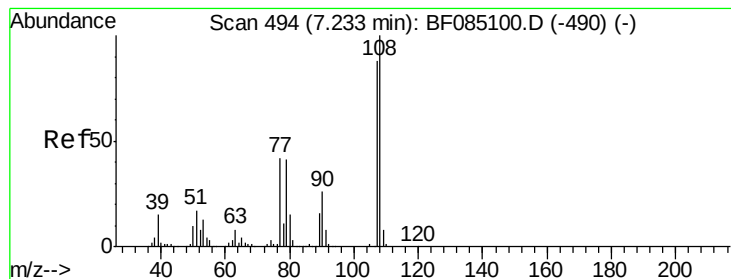
Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:	45	Resp:	751782
Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	34.4
79	11.0	0.0	31.1





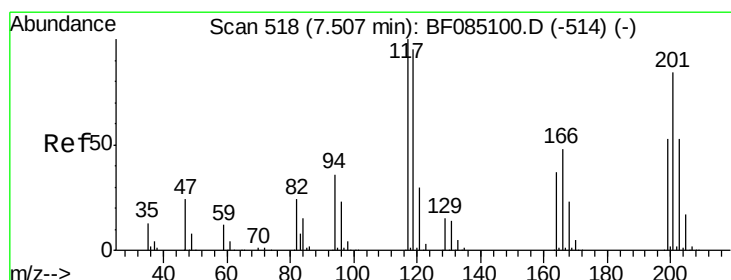
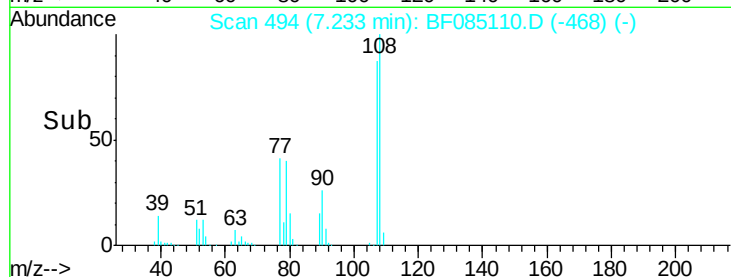
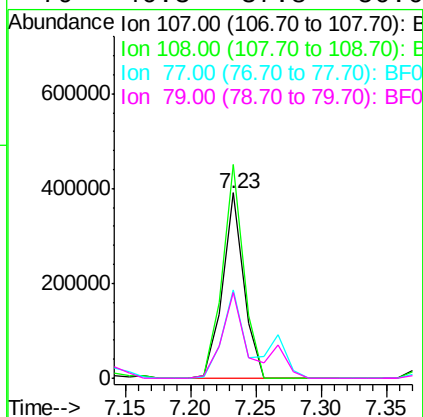
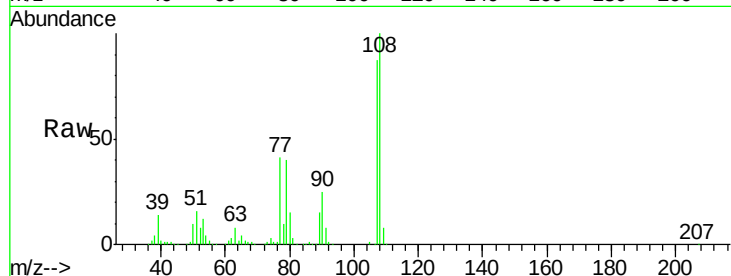
#17
2-Methylphenol
Concen: 38.90 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Instrument :
BNA_F
ClientSampleId :
PB88620BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	445190		
108	115.5	91.4	137.2	
77	47.6	38.7	58.1	
79	46.3	37.8	56.6	

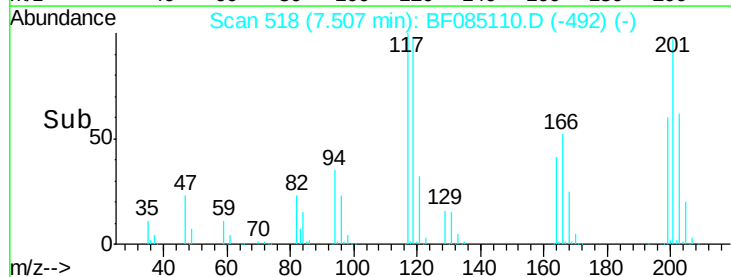
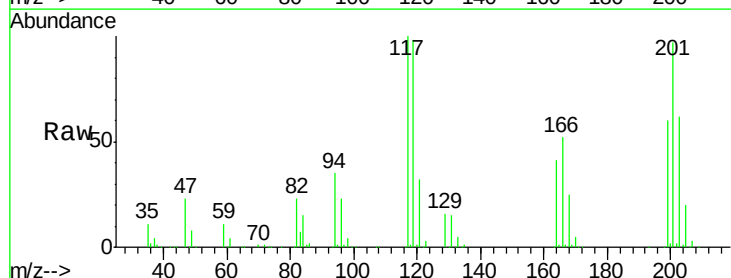
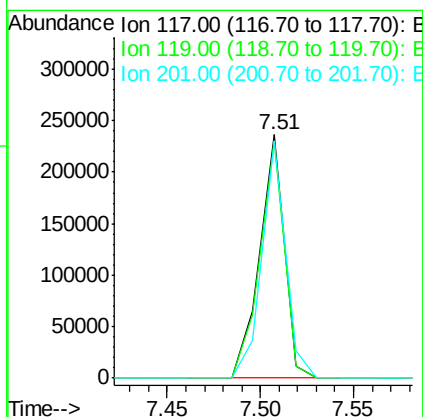
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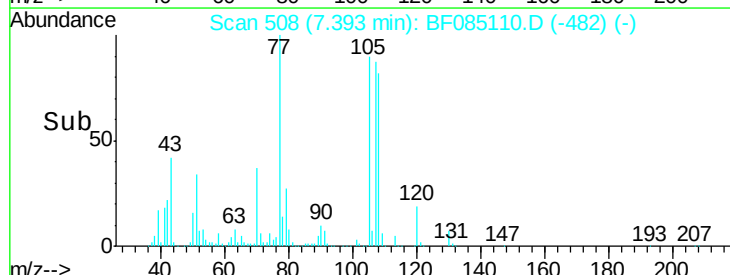
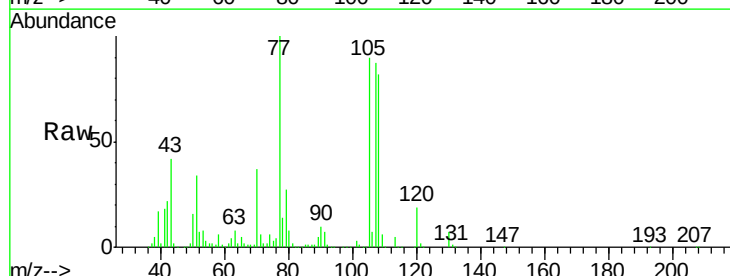
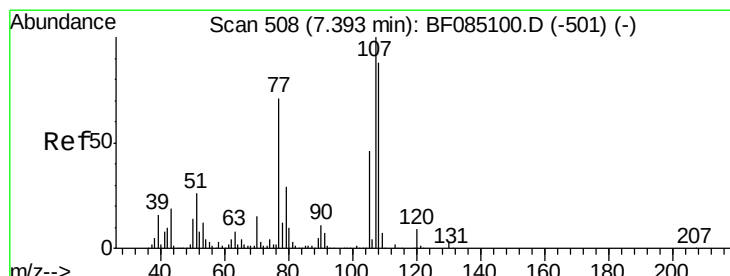
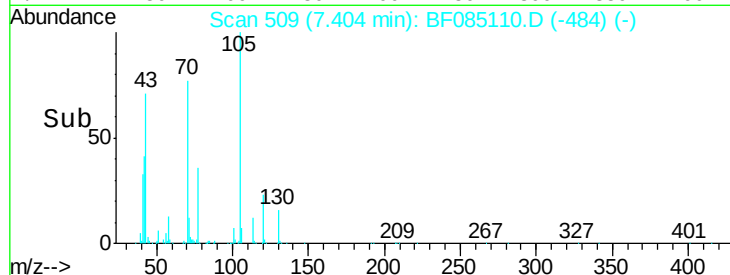
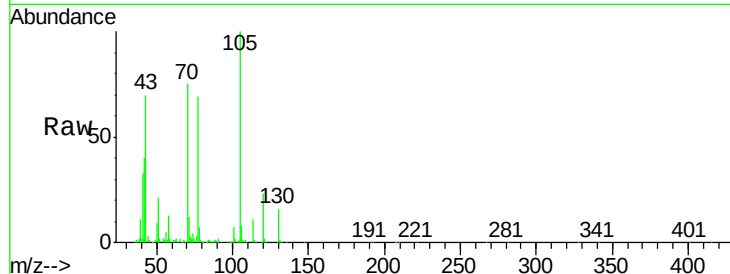
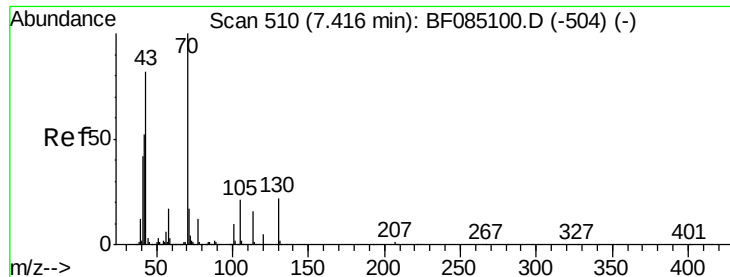
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#18
Hexachloroethane
Concen: 38.99 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	215508		
119	97.5	76.2	114.4	
201	97.3	66.8	100.2	





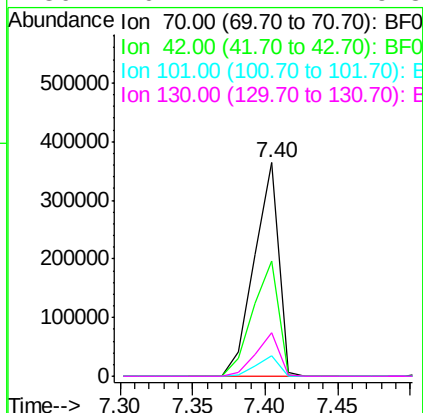
#19
n-Nitroso-di-n-propylamine
Concen: 41.58 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Instrument :
BNA_F
ClientSampleId :
PB88620BS

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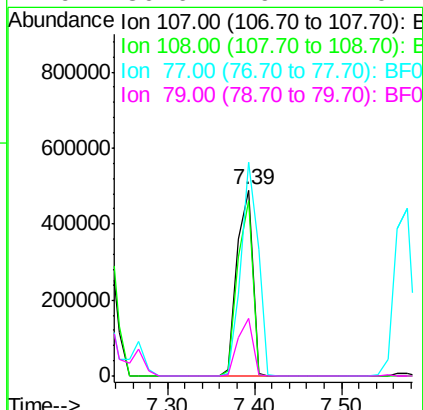
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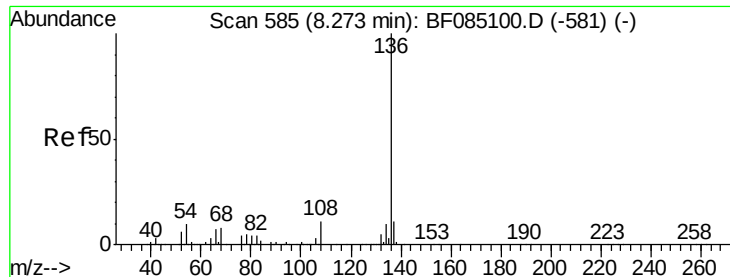
Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.7	41.9	62.9
101	9.4	7.8	11.8
130	20.7	17.2	25.8



#20
3+4-Methylphenols
Concen: 44.11 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

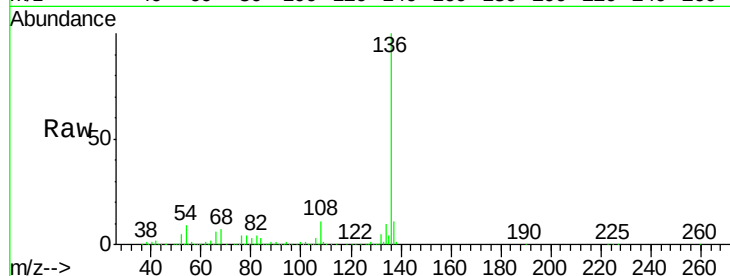
Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.5	67.8	107.8
77	114.7	50.6	90.6#
79	30.6	9.1	49.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

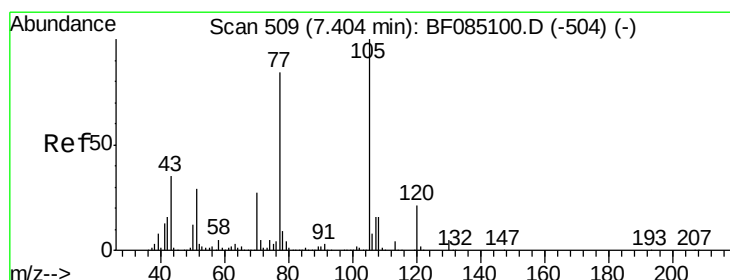
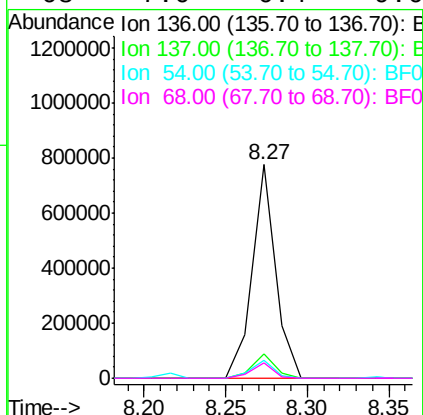
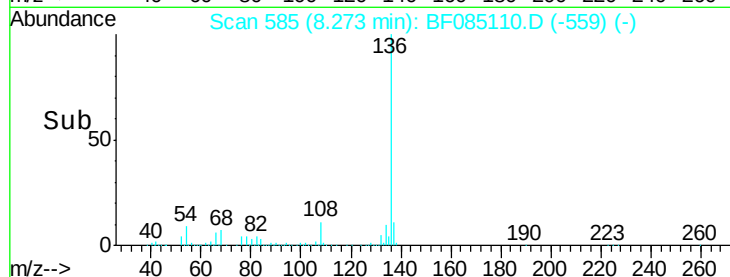
Instrument :
BNA_F
ClientSampleId :
PB88620BS



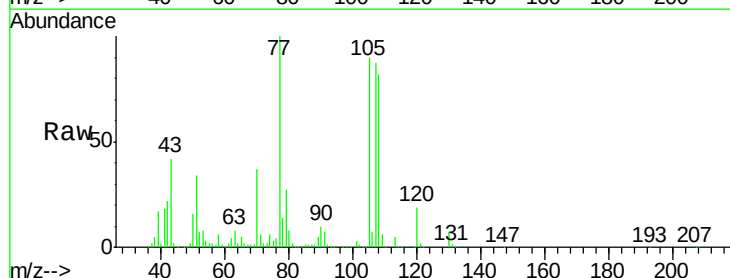
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.2	9.1	13.7
54	8.7	8.5	12.7
68	7.0	6.4	9.6

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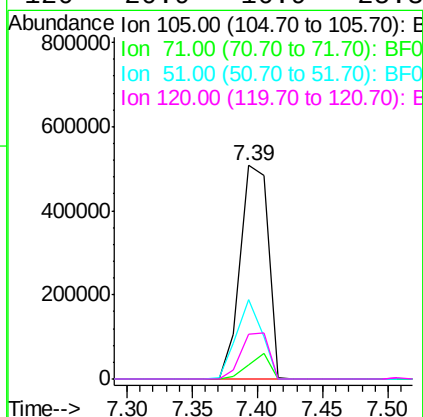
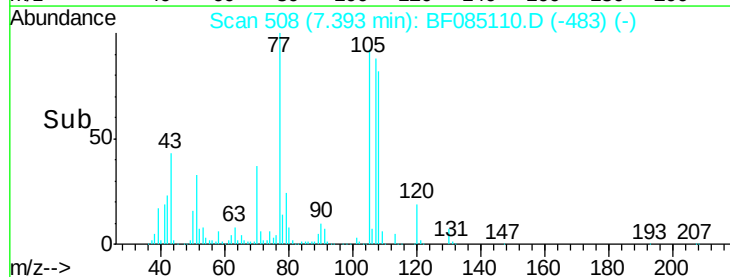
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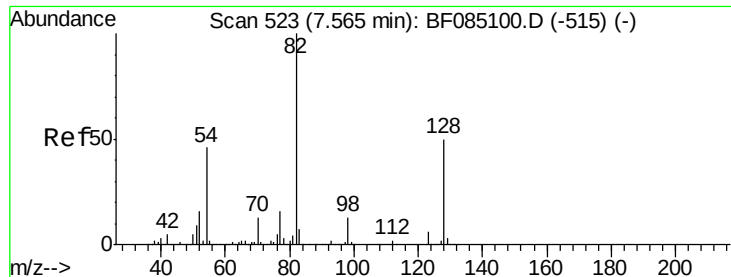


#22
Acetophenone
Concen: 39.08 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53



Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	6.7	3.8	5.6#
51	37.4	22.9	34.3#
120	20.9	16.9	25.3





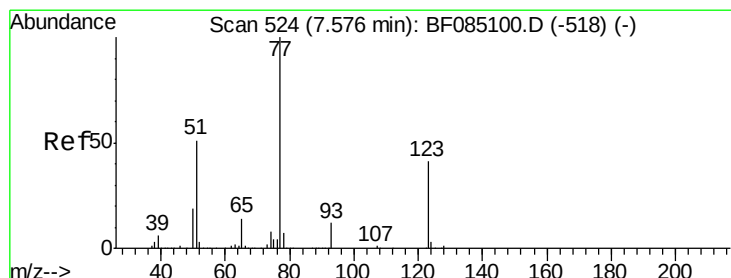
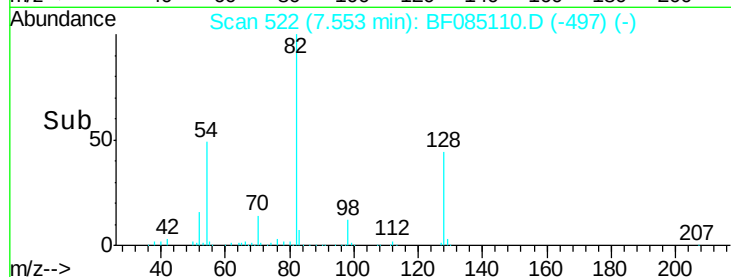
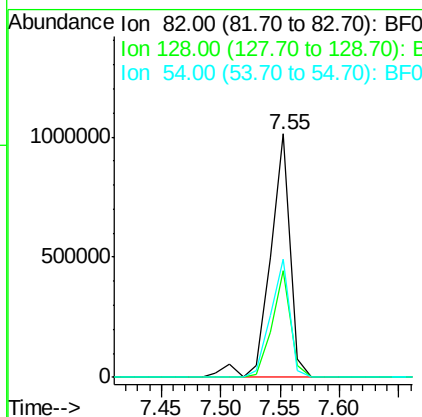
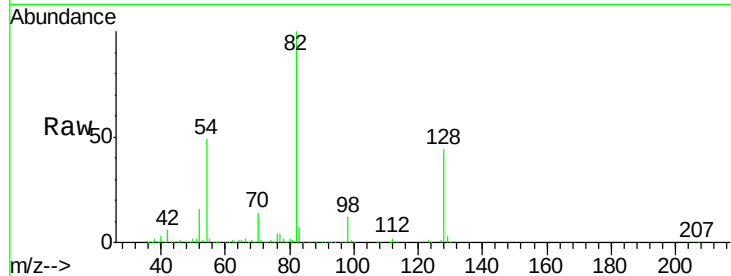
#23
 Nitrobenzene-d5
 Concen: 80.72 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB88620BS

Tgt Ion: 82 Resp: 1170053
 Ion Ratio Lower Upper
 82 100
 128 44.1 39.8 59.6
 54 48.6 36.6 54.8

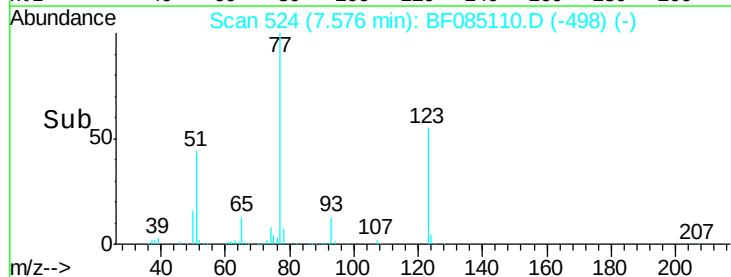
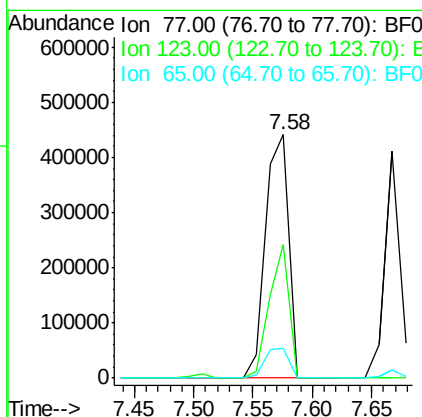
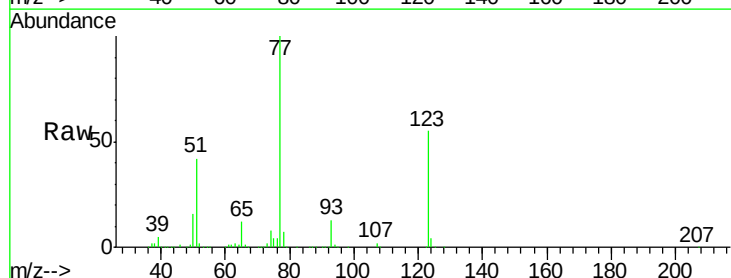
Manual Integrations
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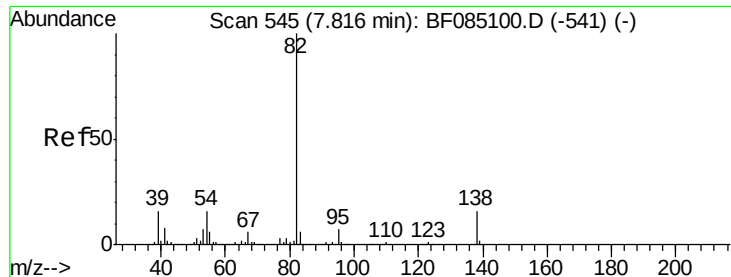
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#24
 Nitrobenzene
 Concen: 40.06 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion: 77 Resp: 602360
 Ion Ratio Lower Upper
 77 100
 123 54.9 33.4 50.2#
 65 12.4 10.9 16.3





#25

Isophorone

Concen: 39.62 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF085110.D

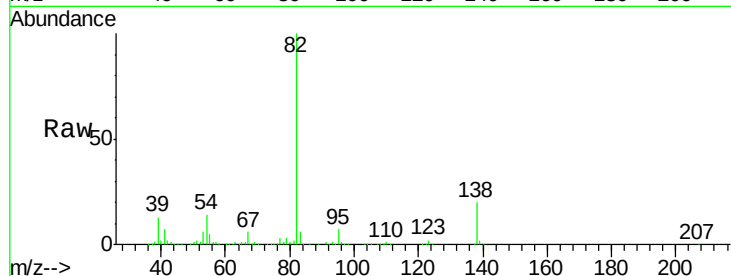
Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

PB88620BS



Tgt Ion: 82 Resp: 1098735

Ion Ratio Lower Upper

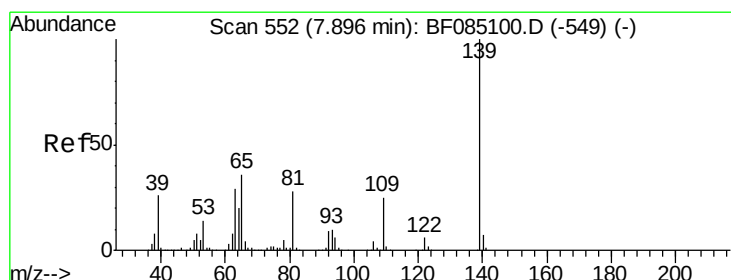
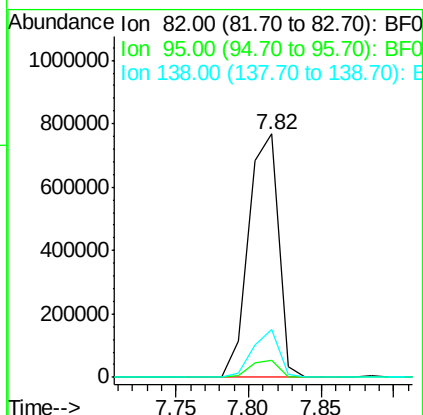
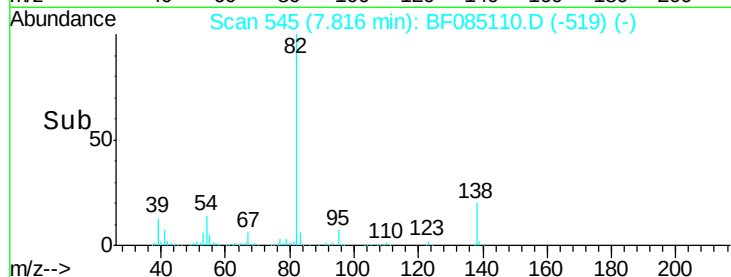
82 100

95 7.2 5.6 8.4

138 19.7 12.6 18.8#

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.84 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

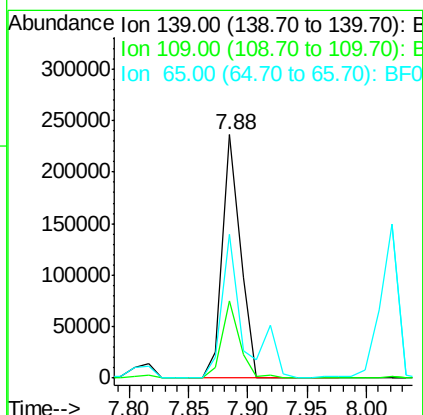
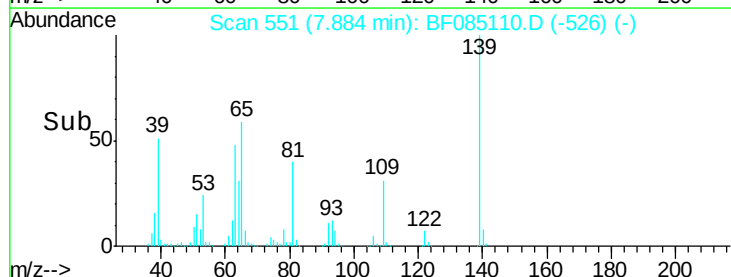
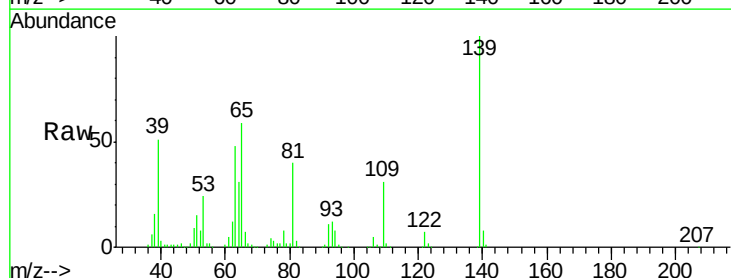
Tgt Ion: 139 Resp: 247717

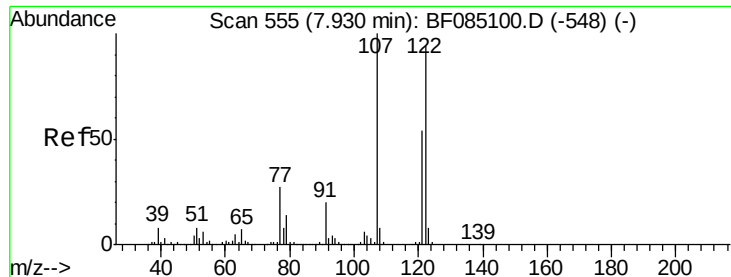
Ion Ratio Lower Upper

139 100

109 31.5 20.4 30.6#

65 58.9 29.2 43.8#





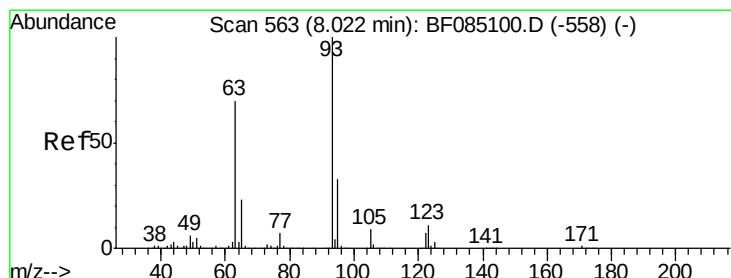
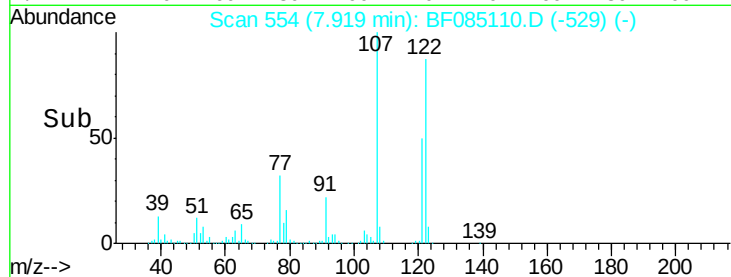
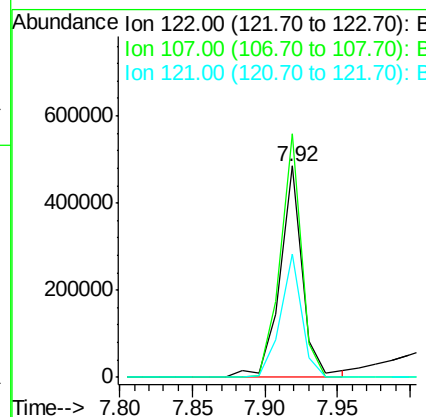
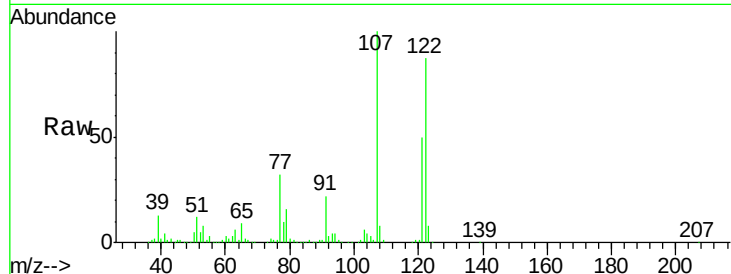
#27
 2,4-Dimethylphenol
 Concen: 40.21 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB88620BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	523995		
107	115.2	85.0	127.4	
121	58.1	45.8	68.8	

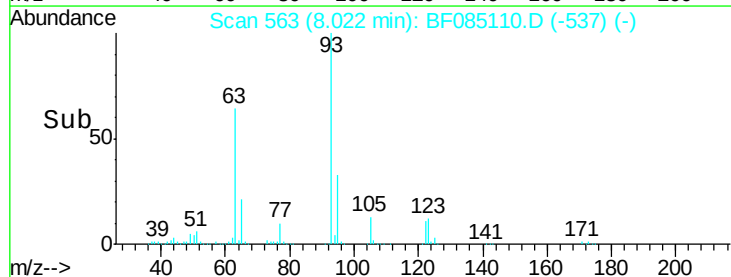
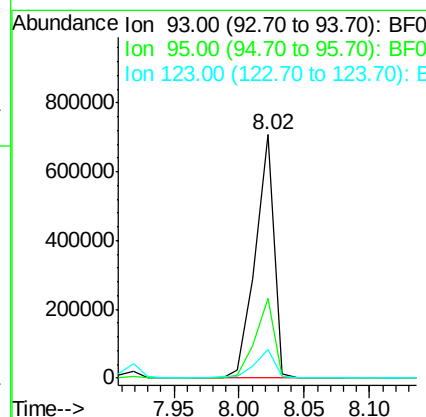
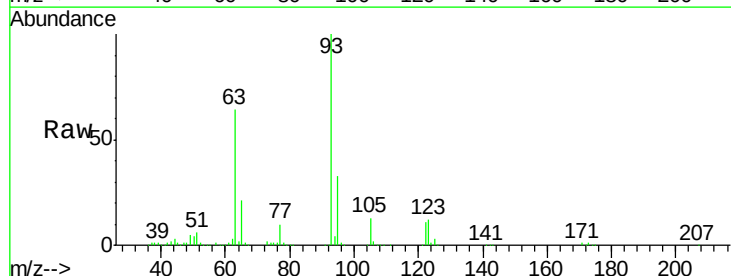
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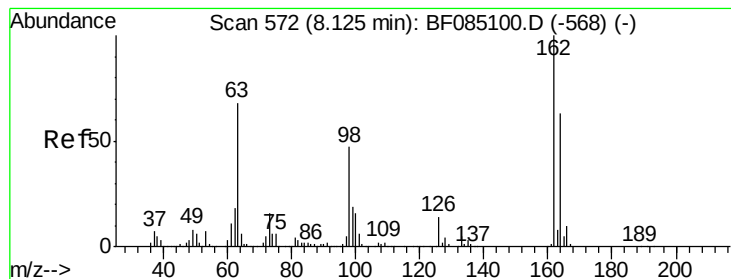
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.34 ng
 RT: 8.02 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	708701		
95	32.9	26.2	39.4	
123	11.7	8.8	13.2	





#29

2,4-Dichlorophenol

Concen: 41.60 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

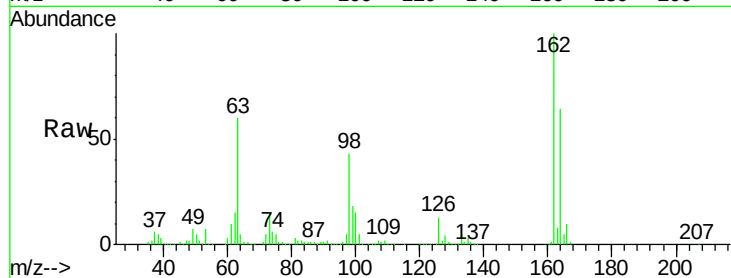
ClientSampleId :

PB88620BS

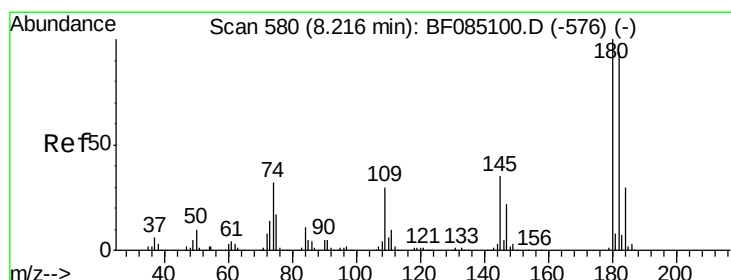
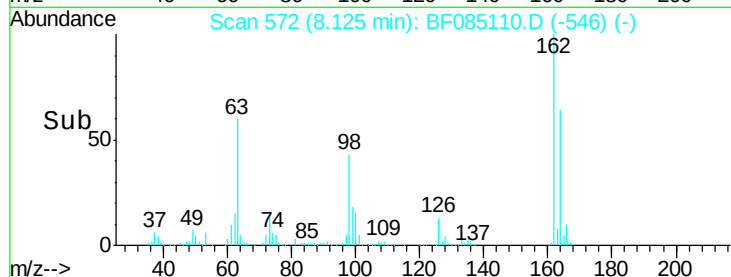
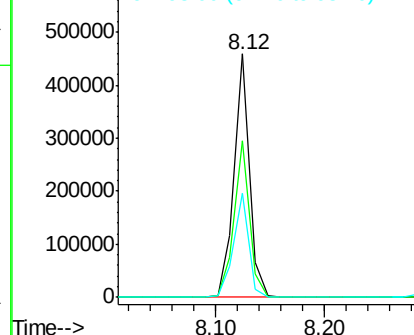
Tgt Ion:	162	Resp:	446071
Ion Ratio	Lower	Upper	
162	100		
164	64.2	42.9	82.9
98	42.6	26.9	66.9

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



#30

1,2,4-Trichlorobenzene

Concen: 40.58 ng

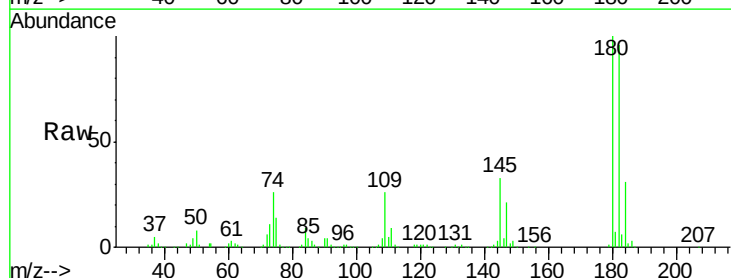
RT: 8.22 min Scan# 580

Delta R.T. -0.00 min

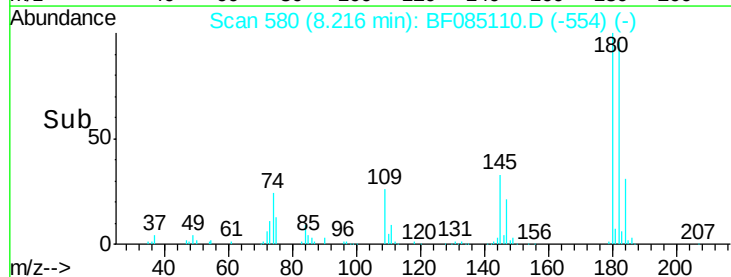
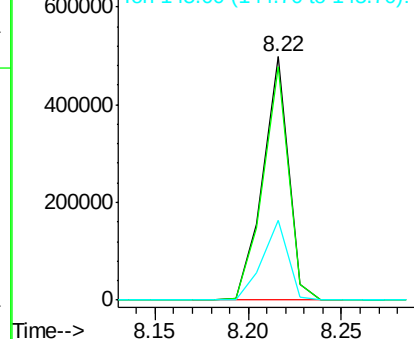
Lab File: BF085110.D

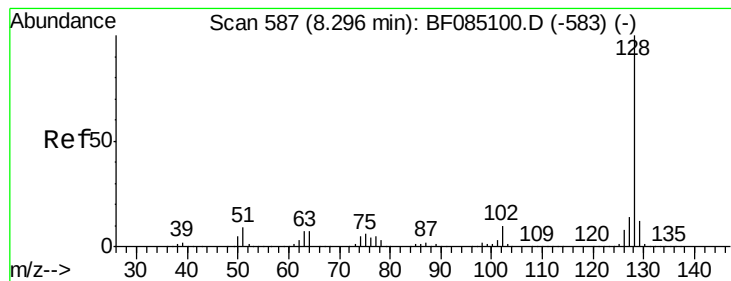
Acq: 2 Mar 2016 10:53

Tgt Ion:	180	Resp:	474353
Ion Ratio	Lower	Upper	
180	100		
182	96.1	75.4	113.0
145	32.6	27.8	41.8



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





#31

Naphthalene

Concen: 38.27 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF085110.D

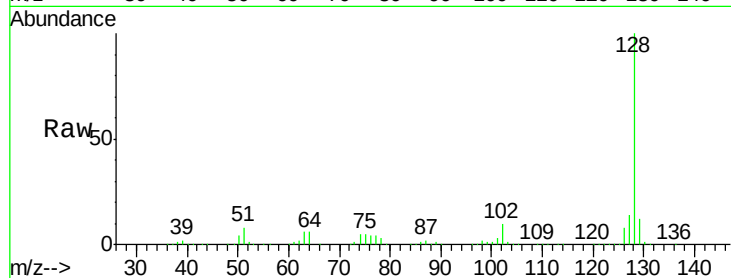
Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

PB88620BS



Tgt Ion:128 Resp: 1492793

Ion Ratio Lower Upper

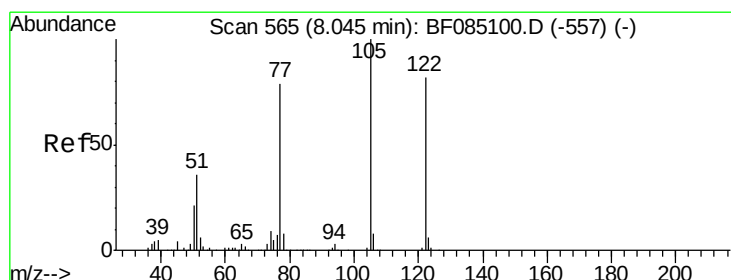
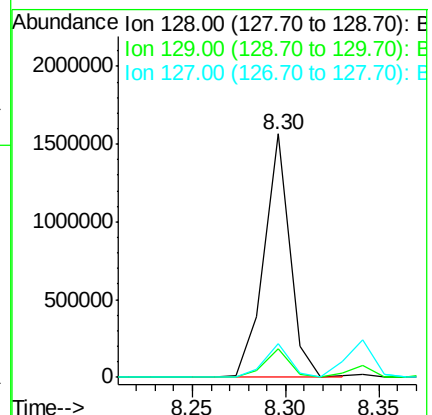
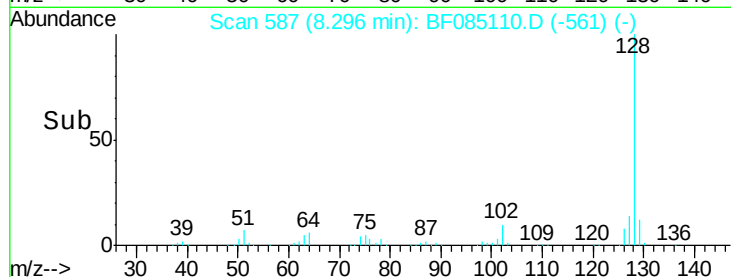
128 100

129 11.6 9.7 14.5

127 14.0 11.1 16.7

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#32

Benzoic acid

Concen: 33.94 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

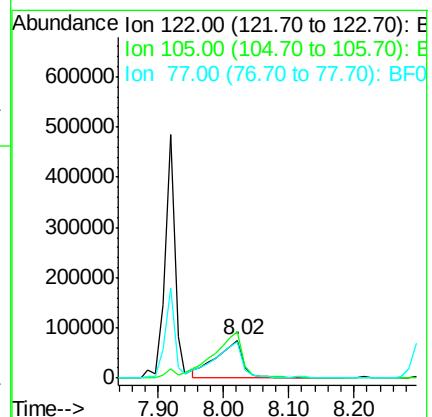
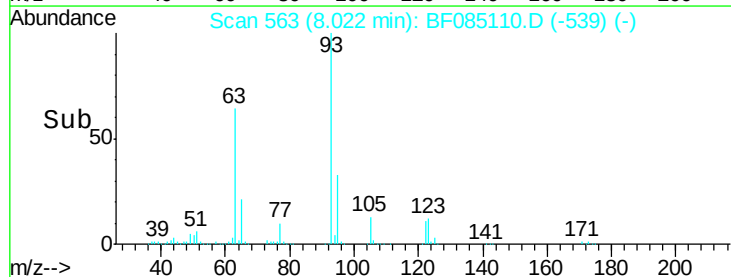
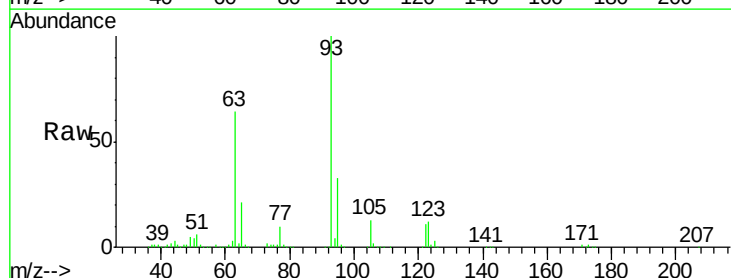
Tgt Ion:122 Resp: 219392

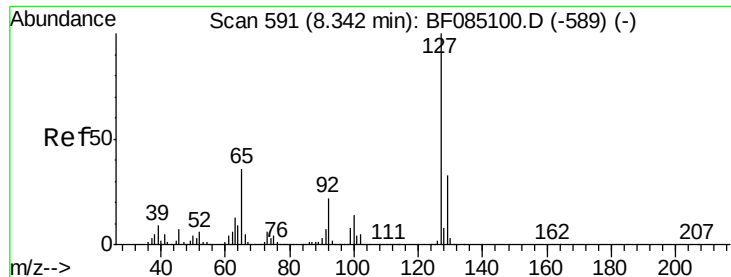
Ion Ratio Lower Upper

122 100

105 124.1 102.0 142.0

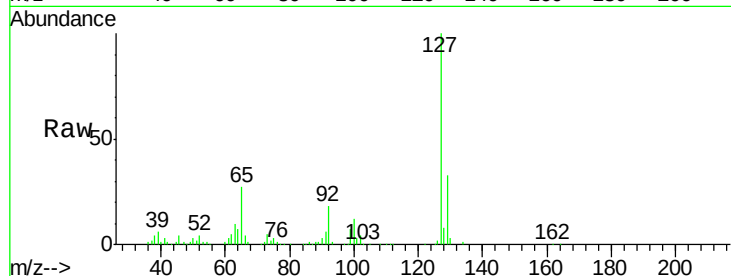
77 98.3 76.8 116.8





#33
4-Chloroaniline
Concen: 16.21 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

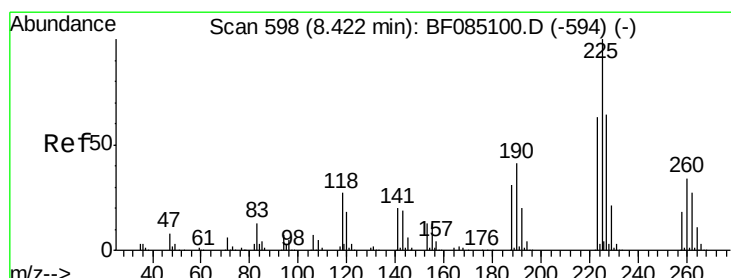
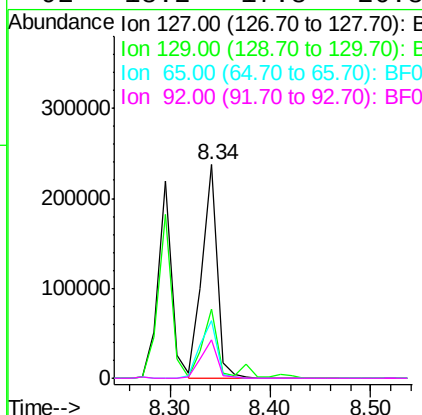
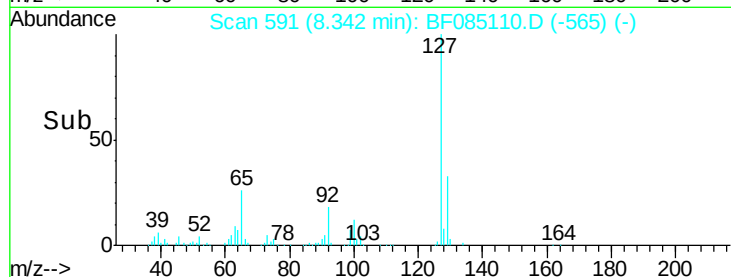
Instrument :
BNA_F
ClientSampleId :
PB88620BS



Tgt Ion	Ratio	Resp	Lower	Upper
127	100	249903		
129	32.5	26.3	39.5	
65	26.7	28.6	43.0	
92	18.2	17.8	26.8	

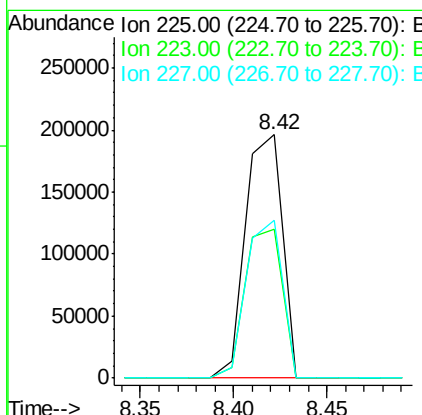
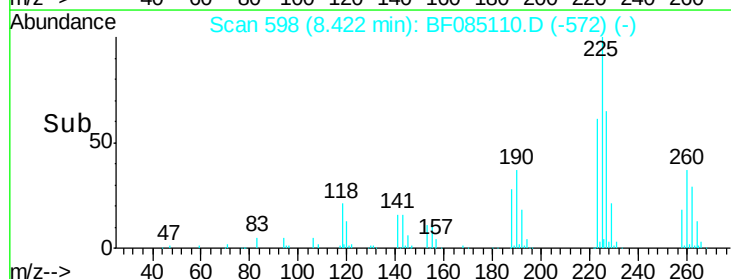
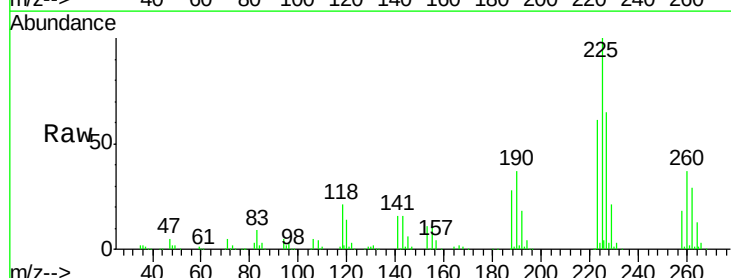
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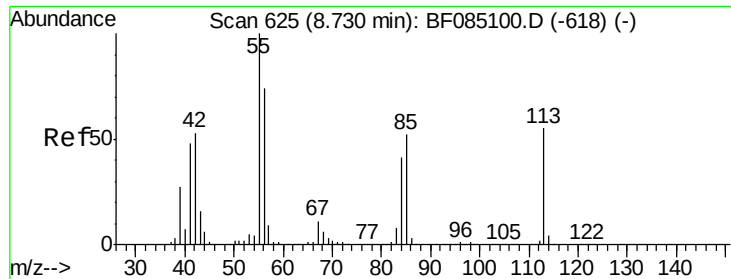
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#34
Hexachlorobutadiene
Concen: 39.66 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	268925		
223	61.2	50.4	75.6	
227	65.1	51.6	77.4	





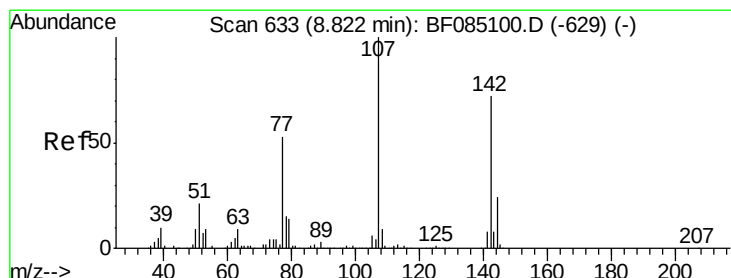
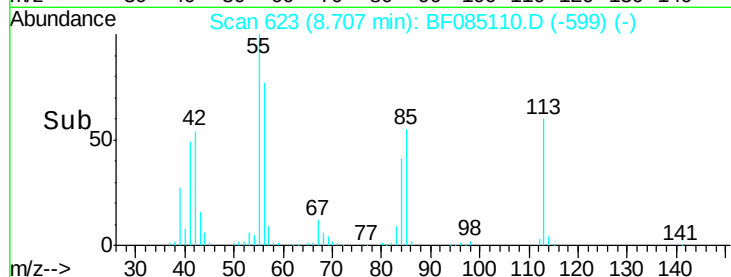
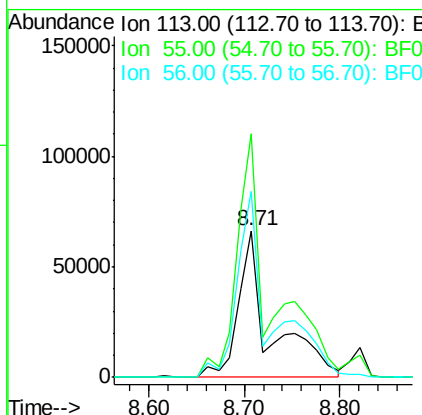
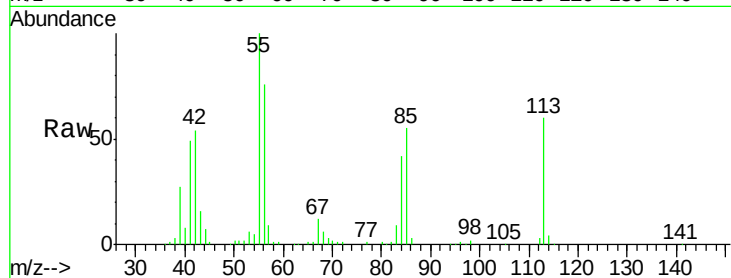
#35
 Caprolactam
 Concen: 46.33 ng m
 RT: 8.71 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampled :
 PB88620BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	166.0	162.9	202.9
56	127.0	114.5	154.5

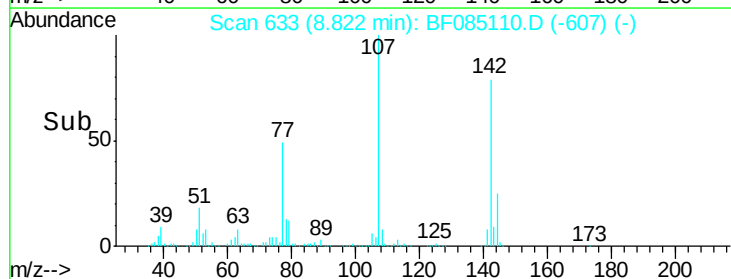
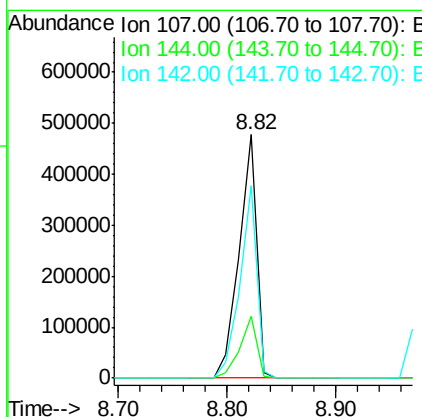
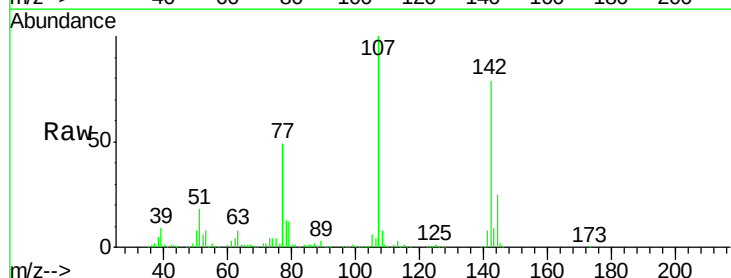
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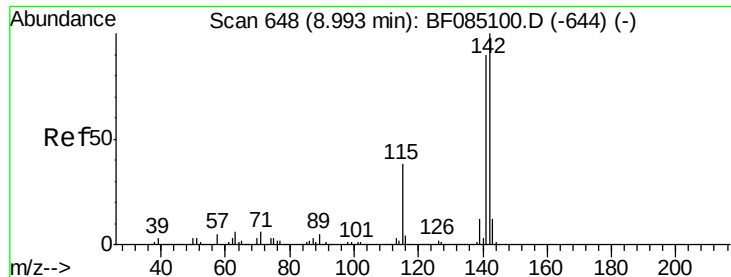
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#36
 4-Chloro-3-methylphenol
 Concen: 44.83 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	18.9	28.3
142	78.8	57.9	86.9





#37

2-Methylnaphthalene

Concen: 45.17 ng

RT: 8.99 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

PB88620BS

Tgt Ion:142 Resp: 1077006

Ion Ratio Lower Upper

142 100

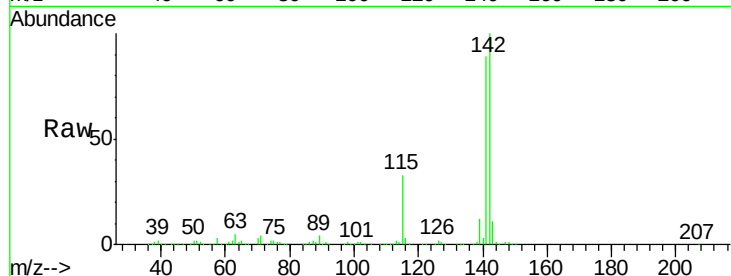
141 89.0 71.7 107.5

115 33.3 30.1 45.1

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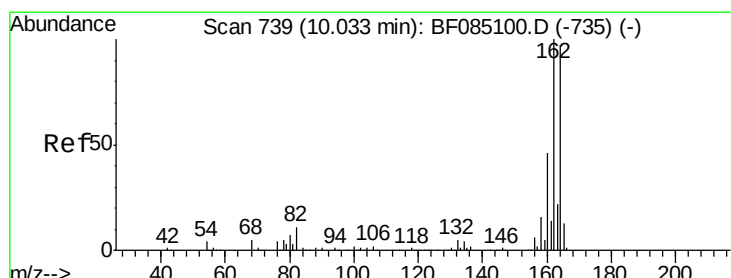
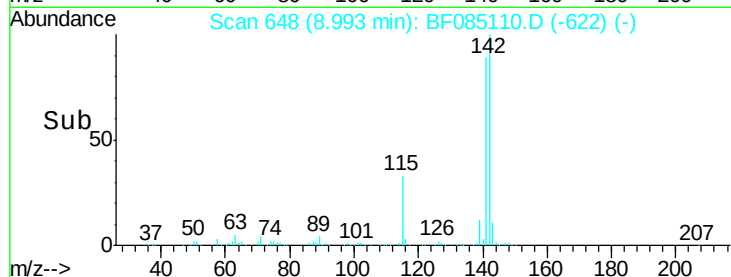
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.99

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

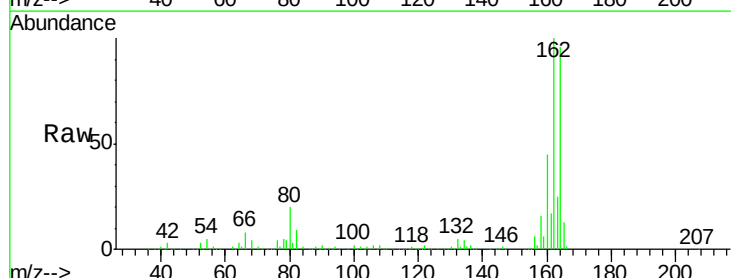
Tgt Ion:164 Resp: 384988

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

160 47.1 38.2 57.2



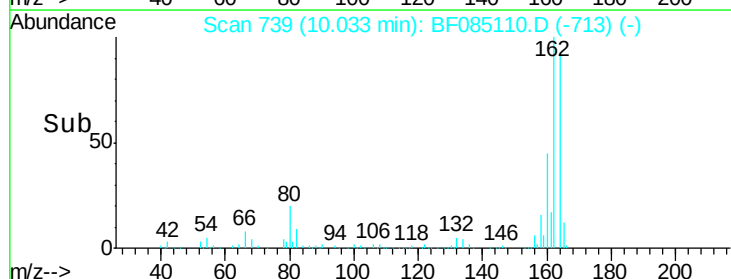
Abundance Ion 164.00 (163.70 to 164.70): E

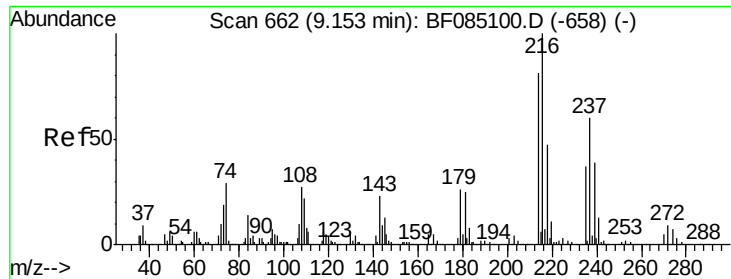
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

10.03

Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.14 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF085110.D

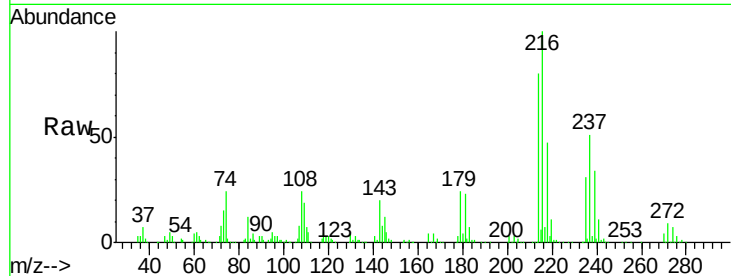
Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

PB88620BS



Tgt Ion: 216 Resp: 416662

Ion Ratio Lower Upper

216 100

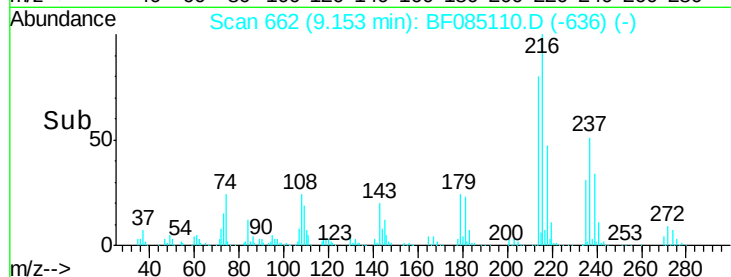
214 78.6 63.7 95.5

179 22.7 18.1 27.1

108 25.5 17.1 25.7

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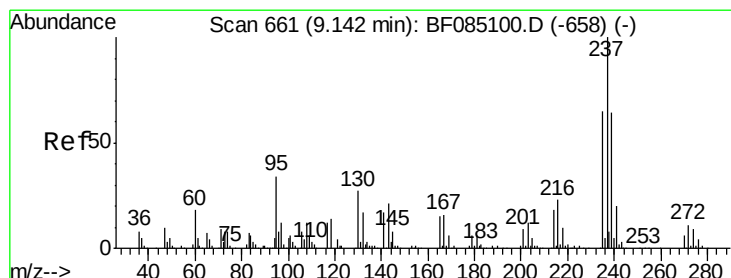
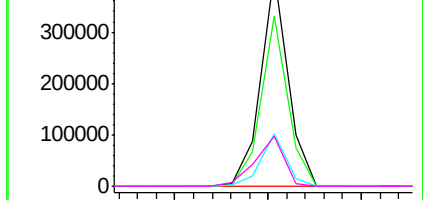


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.29 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

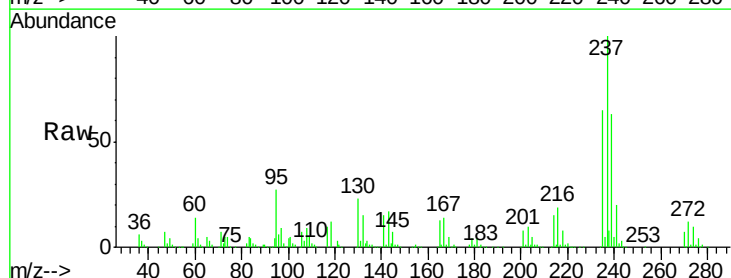
Tgt Ion: 237 Resp: 528466

Ion Ratio Lower Upper

237 100

235 65.5 45.3 85.3

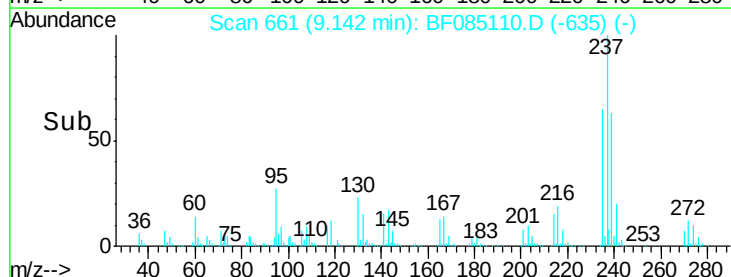
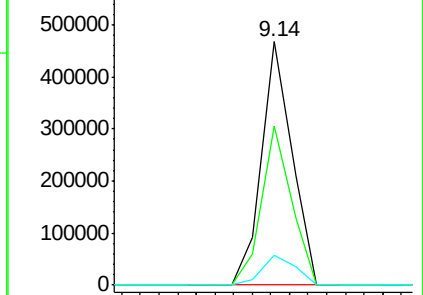
272 12.3 0.0 31.2

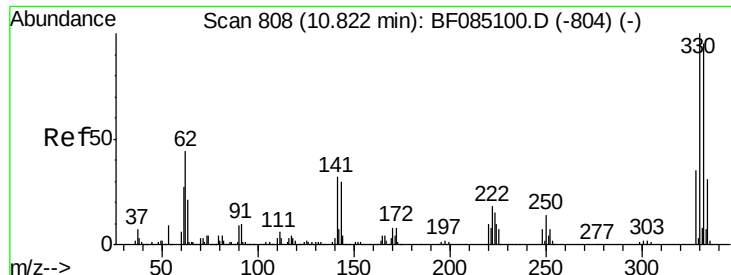


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





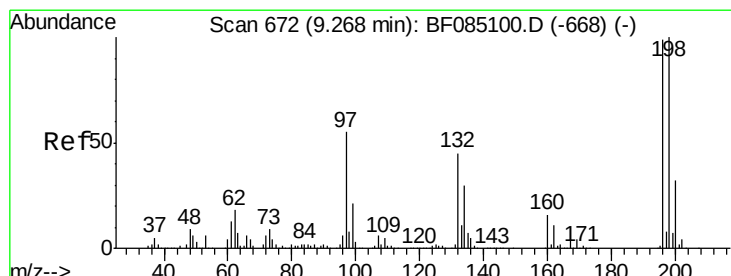
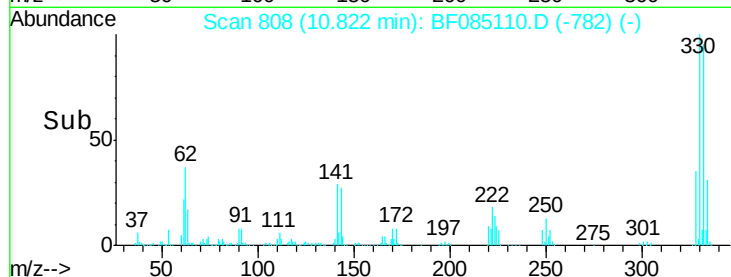
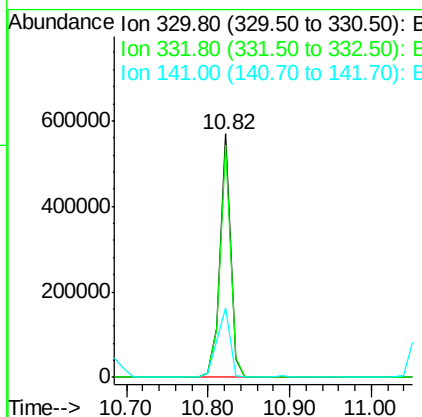
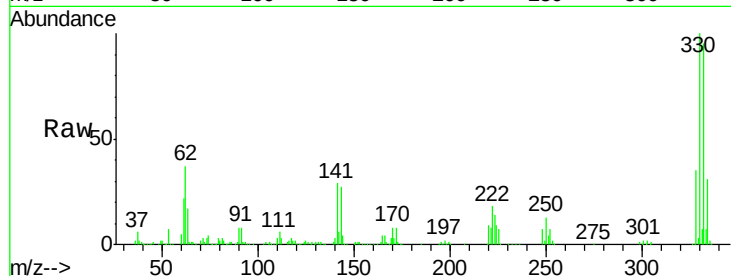
#41
 2,4,6-Tribromophenol
 Concen: 132.02 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB88620BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	510790		
332	95.9	75.9	113.9	
141	35.2	28.9	43.3	

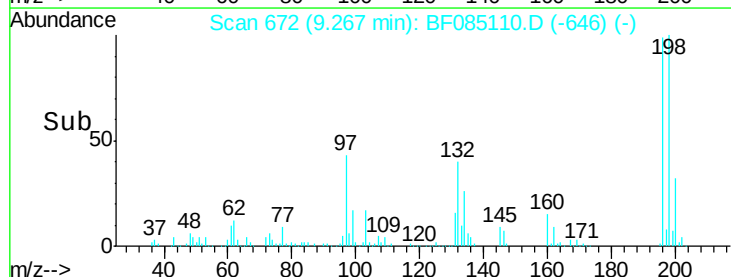
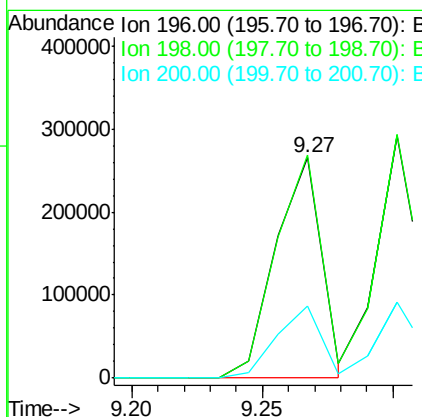
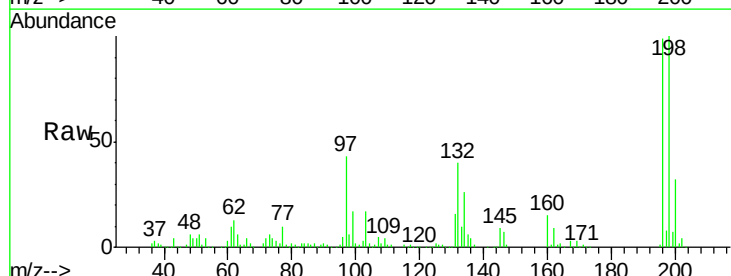
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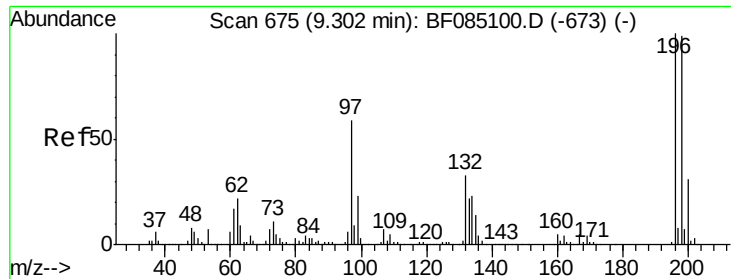
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#42
 2,4,6-Trichlorophenol
 Concen: 40.76 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

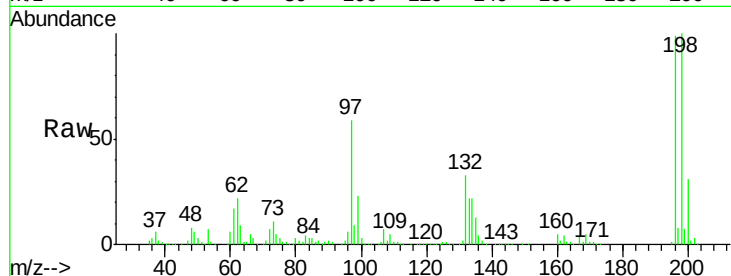
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	325376		
198	101.1	80.4	120.6	
200	32.7	25.8	38.8	





#43
 2,4,5-Trichlorophenol
 Concen: 42.37 ng
 RT: 9.30 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

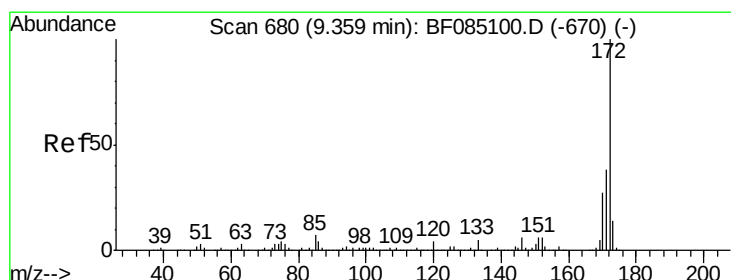
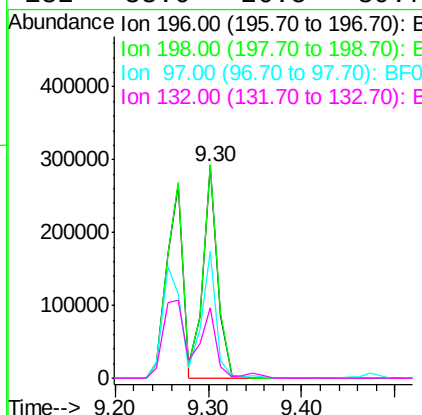
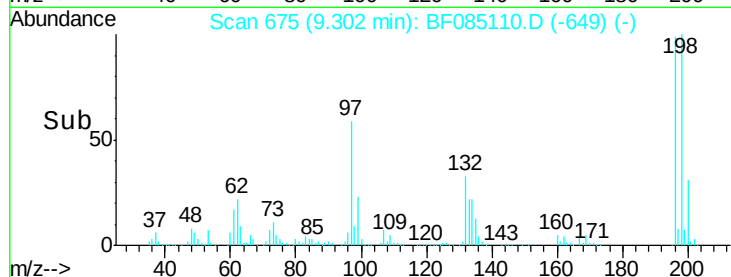
Instrument :
 BNA_F
 ClientSampleId :
 PB88620BS



Tgt Ion:	196	Resp:	324088
Ion Ratio	Lower	Upper	
196	100		
198	100.5	79.5	119.3
97	59.5	47.3	70.9
132	33.0	26.5	39.7

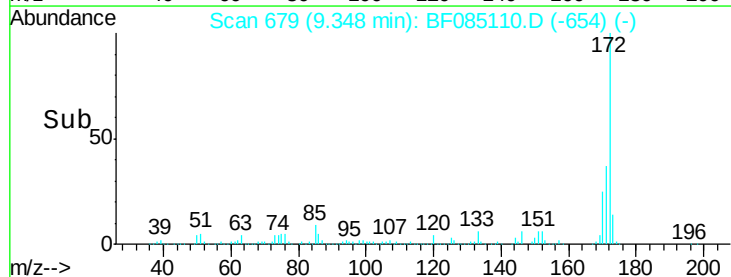
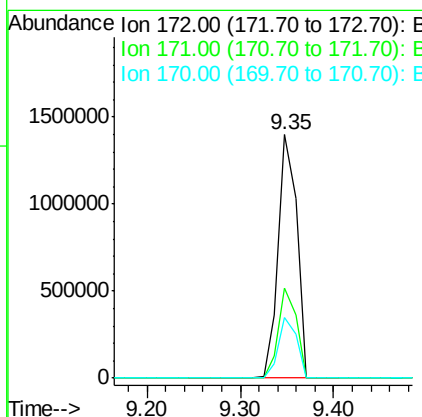
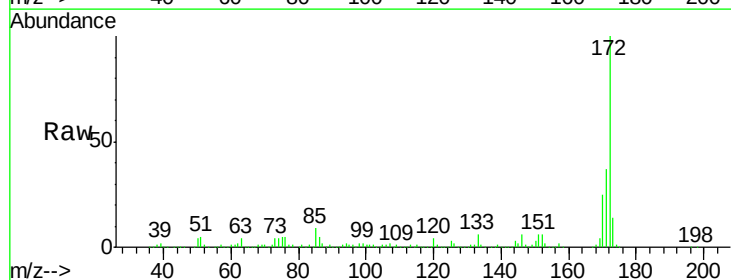
Manual Integrations
 APPROVED

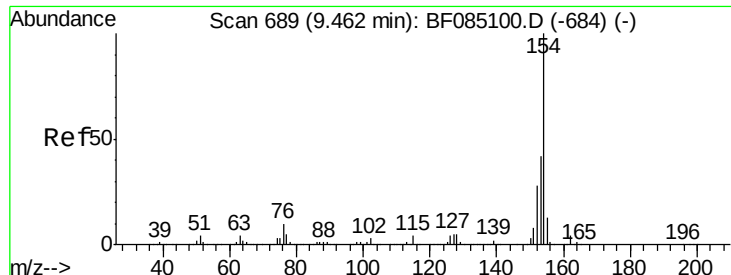
UMANGI
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#44
 2-Fluorobiphenyl
 Concen: 73.73 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion:	172	Resp:	1927331
Ion Ratio	Lower	Upper	
172	100		
171	36.9	30.5	45.7
170	25.0	21.2	31.8





#45

1,1'-Biphenyl

Concen: 35.01 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

PB88620BS

Tgt Ion:154 Resp: 1196428

Ion Ratio Lower Upper

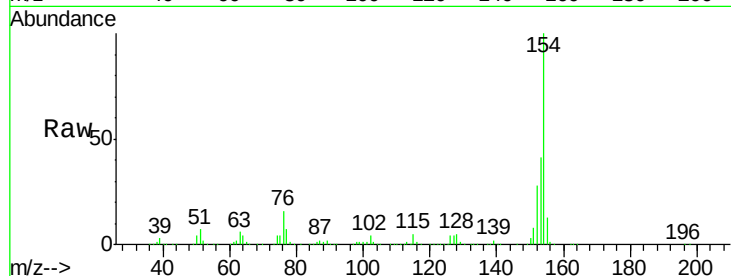
154 100

153 40.9 21.5 61.5

76 15.7 0.0 29.7

Manual Integrations
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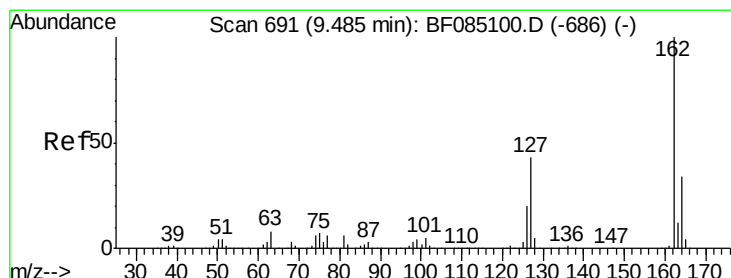
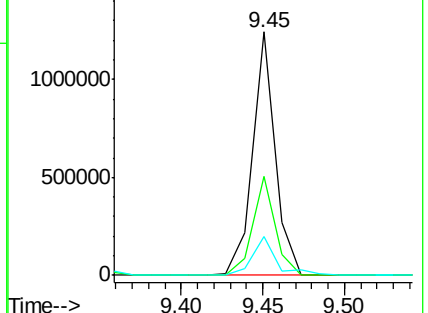
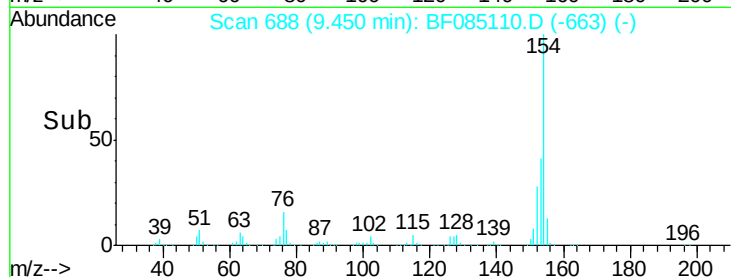
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.28 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

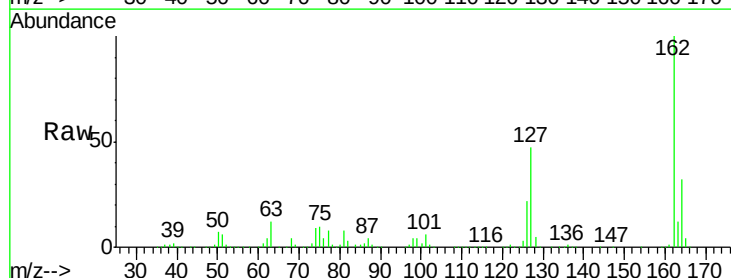
Tgt Ion:162 Resp: 929195

Ion Ratio Lower Upper

162 100

127 46.8 34.2 51.4

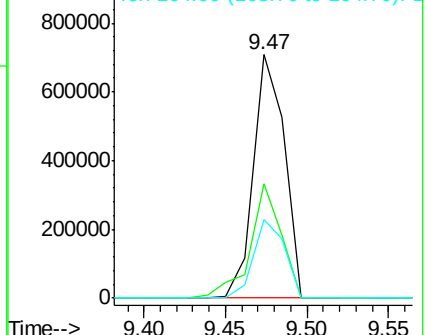
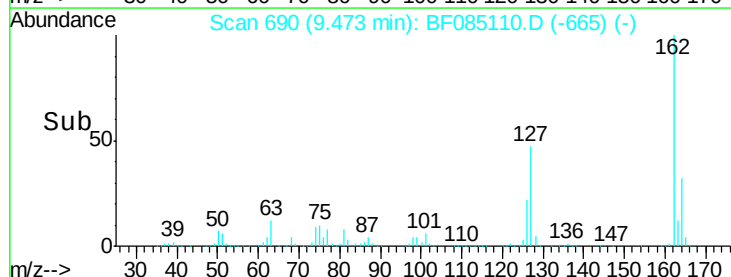
164 32.4 27.2 40.8

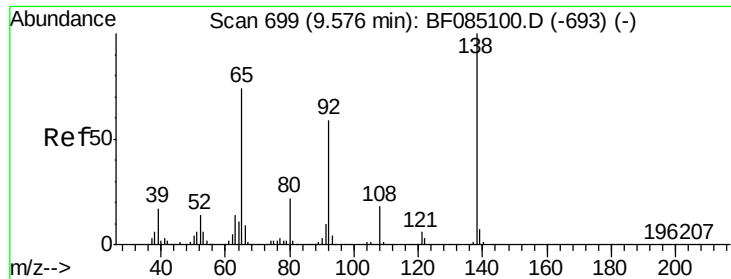


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





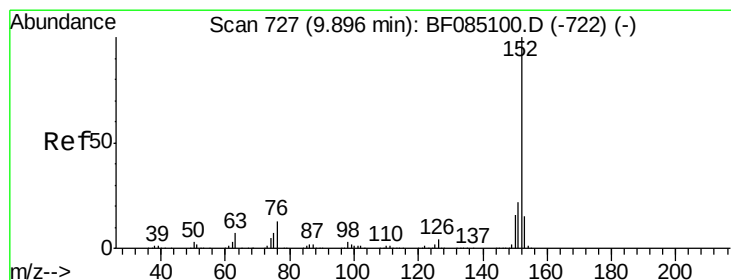
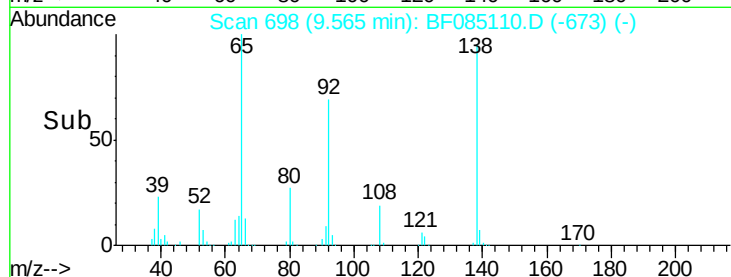
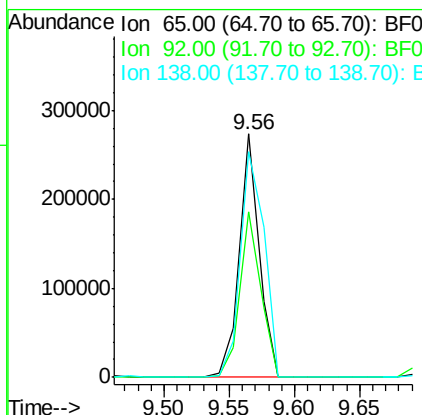
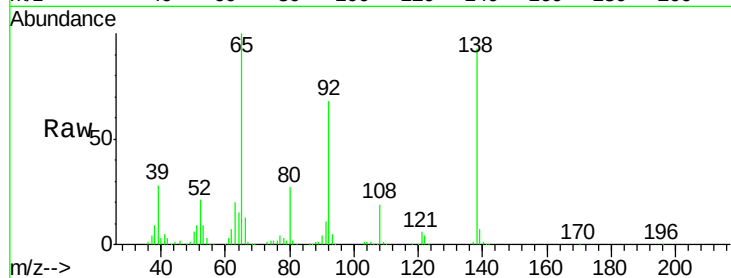
#47
2-Nitroaniline
Concen: 36.76 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Instrument :
BNA_F
ClientSampleId :
PB88620BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	287663		
92	67.8	63.8	95.6	
138	92.8	108.5	162.7#	

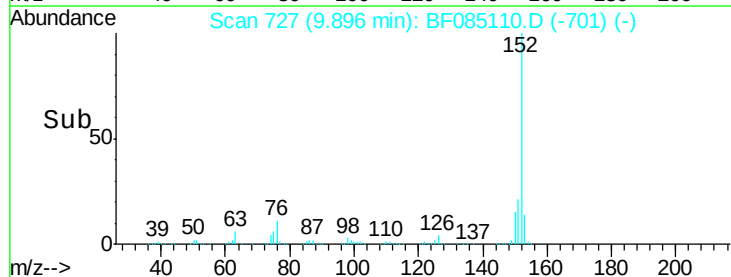
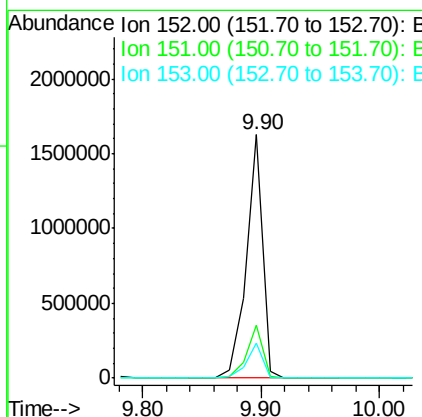
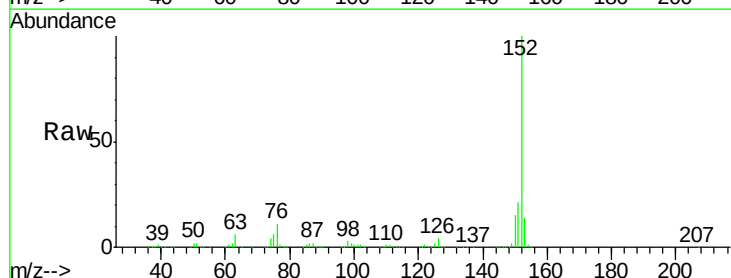
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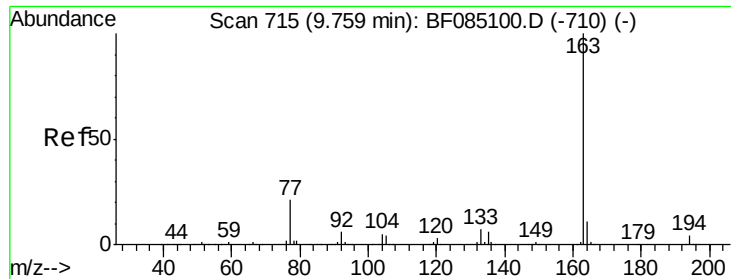
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#48
Acenaphthylene
Concen: 41.88 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1551488		
151	21.5	17.4	26.0	
153	14.3	12.0	18.0	





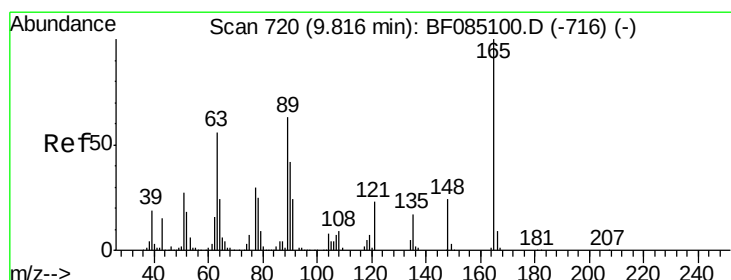
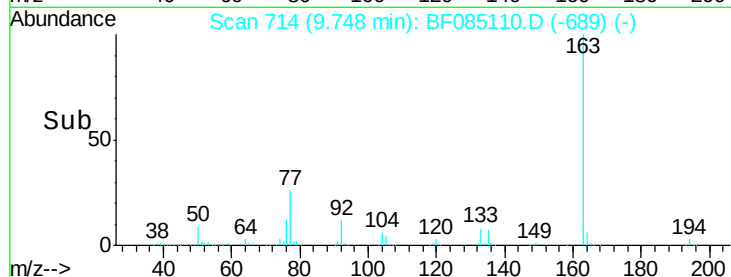
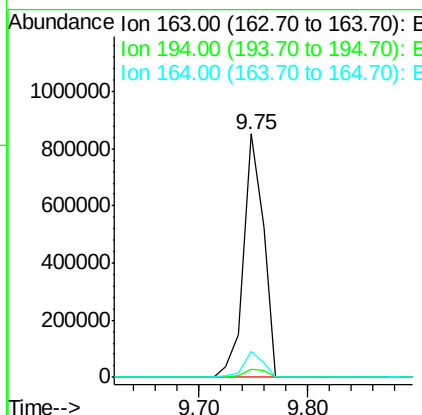
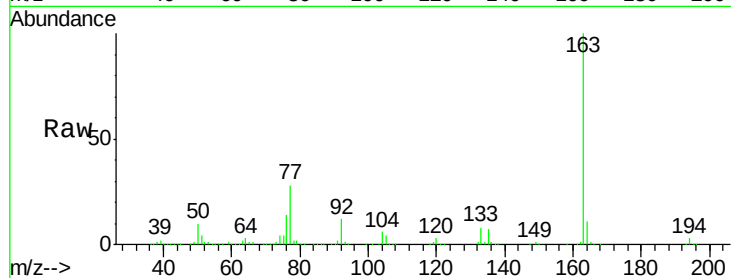
#49
Dimethylphthalate
Concen: 37.75 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Instrument :
BNA_F
ClientSampleId :
PB88620BS

Tgt Ion:163 Resp: 1077455
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 10.8 8.6 12.8

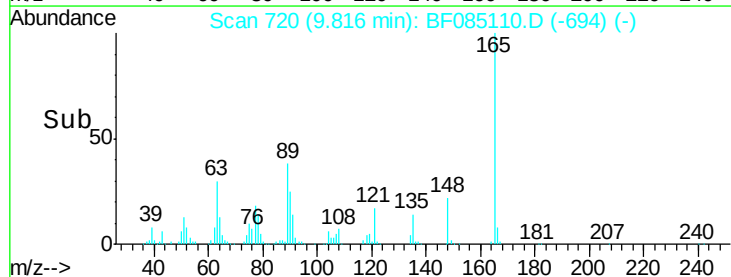
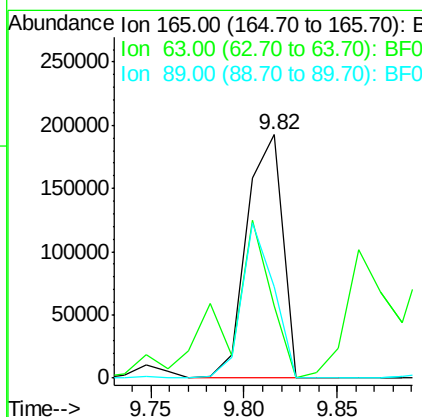
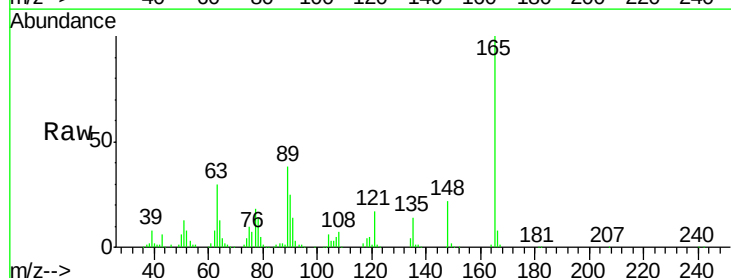
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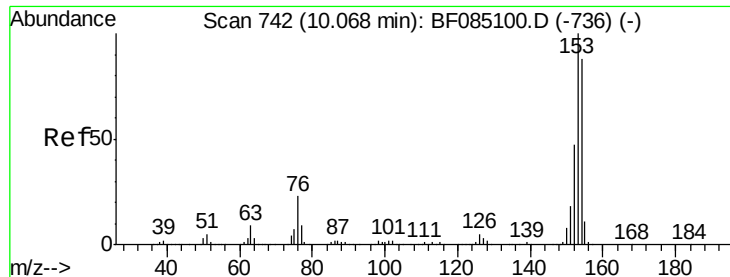
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#50
2,6-Dinitrotoluene
Concen: 43.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion:165 Resp: 254525
Ion Ratio Lower Upper
165 100
63 29.6 47.4 71.2#
89 37.7 50.2 75.2#





#51

Acenaphthene

Concen: 44.92 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF085110.D

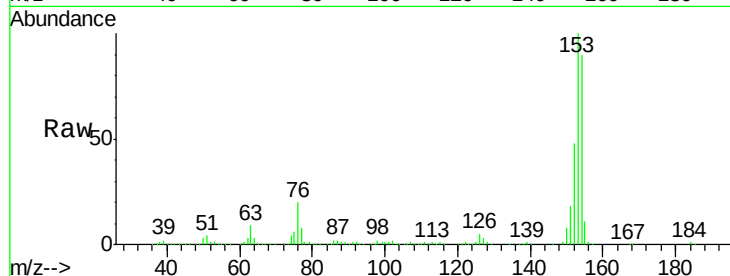
Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampled :

PB88620BS



Tgt Ion:154 Resp: 1044617

Ion Ratio Lower Upper

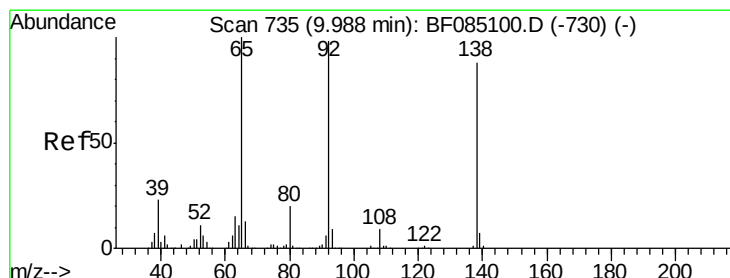
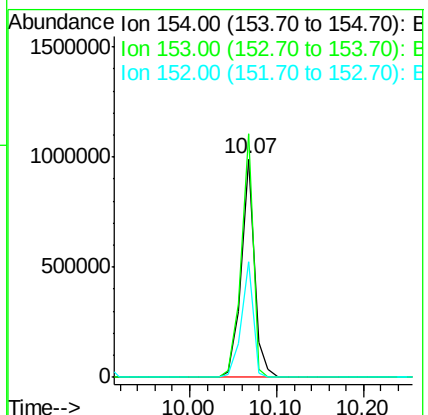
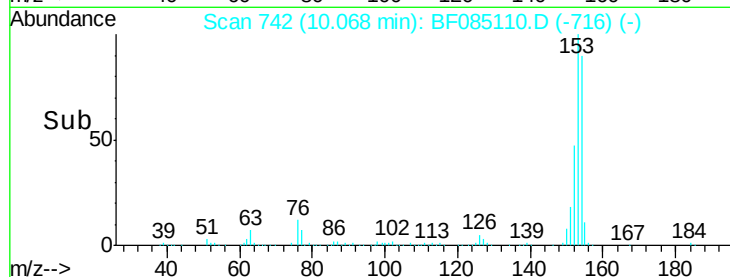
154 100

153 111.6 91.0 136.6

152 53.0 43.0 64.6

Manual Integrations
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#52

3-Nitroaniline

Concen: 22.14 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

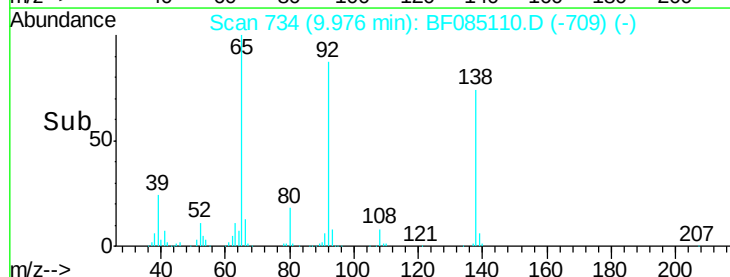
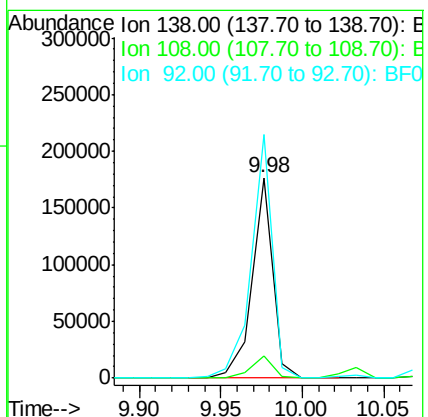
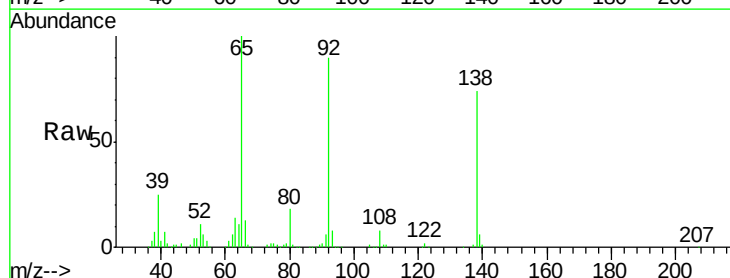
Tgt Ion:138 Resp: 155663

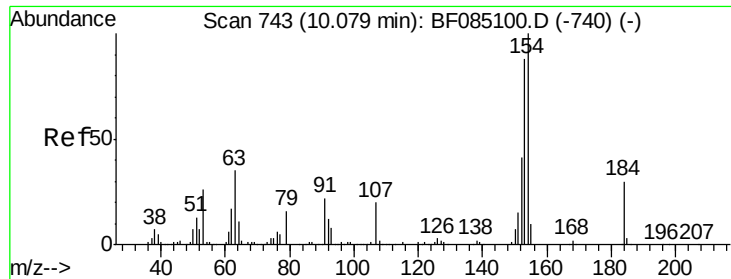
Ion Ratio Lower Upper

138 100

108 11.1 8.2 12.2

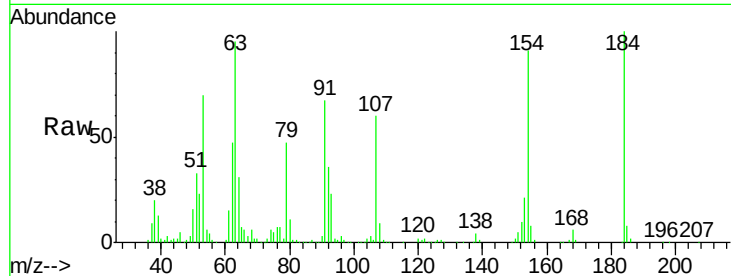
92 121.6 89.0 133.6





#53
2,4-Dinitrophenol
Concen: 68.97 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

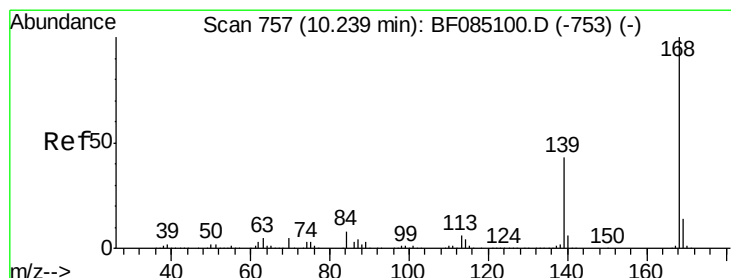
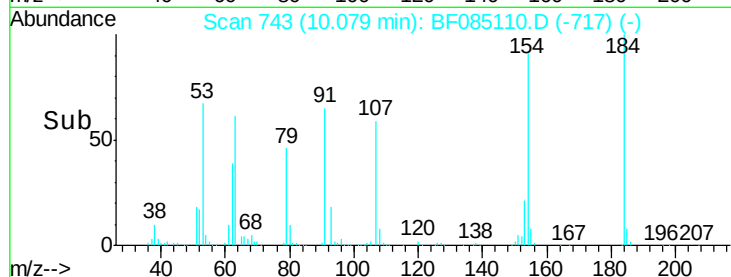
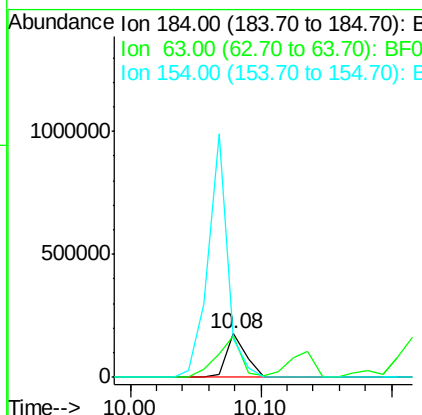
Instrument :
BNA_F
ClientSampled :
PB88620BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	184409		
63	95.0	94.0	141.0	
154	91.0	269.8	404.8#	

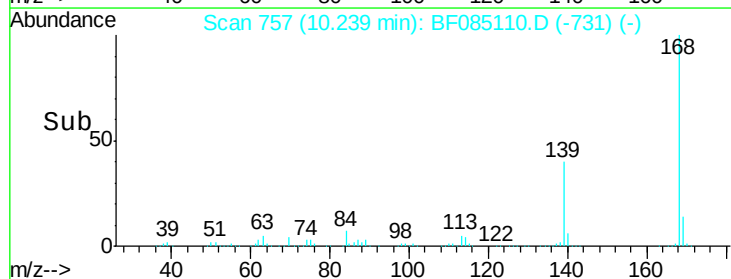
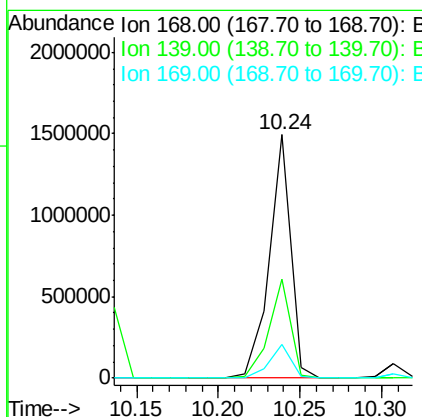
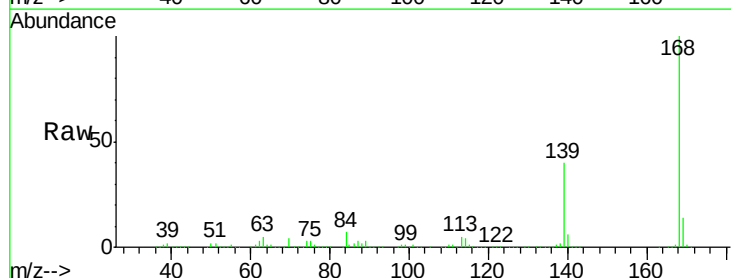
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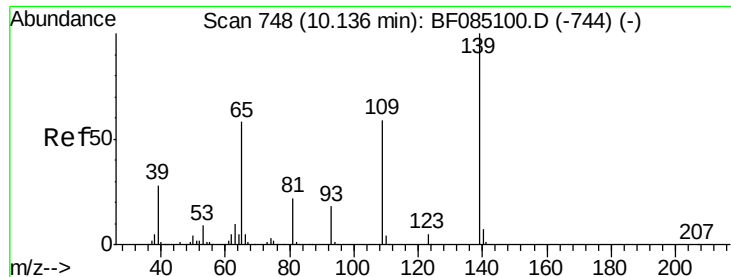
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#54
Dibenzofuran
Concen: 45.54 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1374767		
139	40.4	34.2	51.2	
169	13.8	11.4	17.2	





#55

4-Nitrophenol

Concen: 93.81 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF085110.D

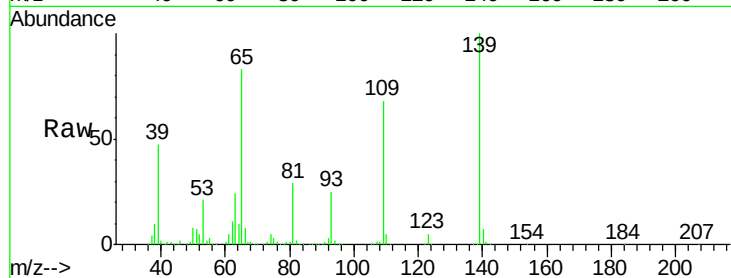
Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

PB88620BS



Tgt Ion:139 Resp: 506166

Ion Ratio Lower Upper

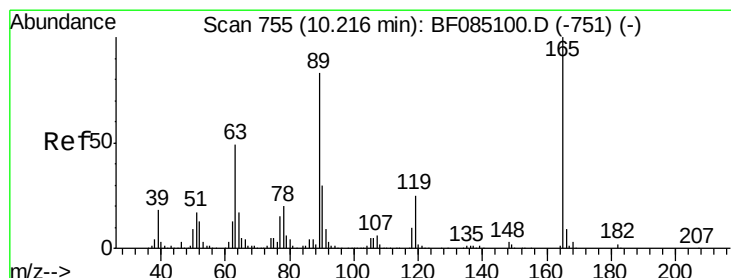
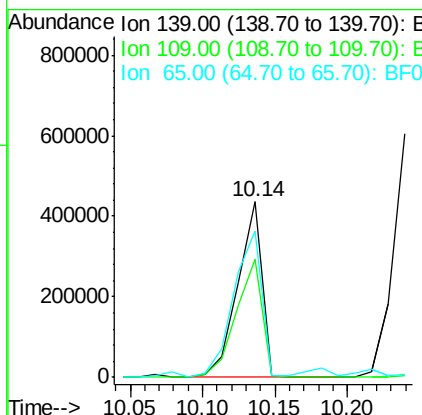
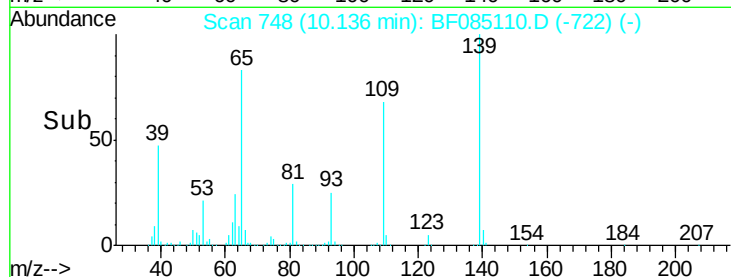
139 100

109 67.7 39.5 79.5

65 83.5 38.4 78.4

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 47.02 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:165 Resp: 375067

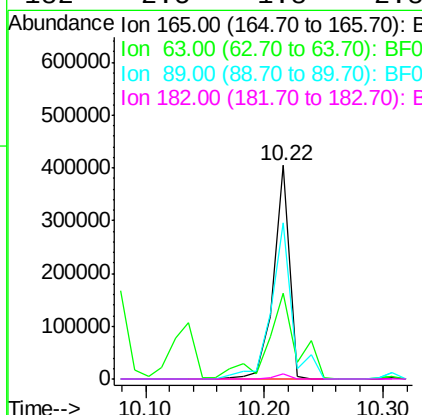
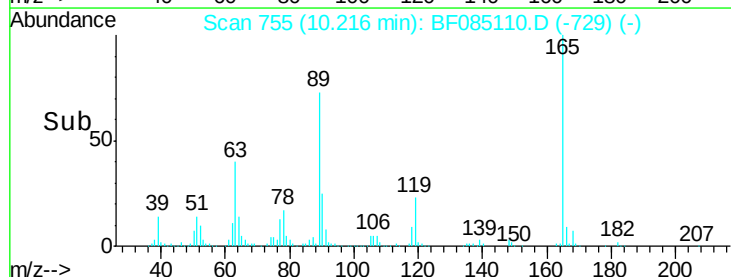
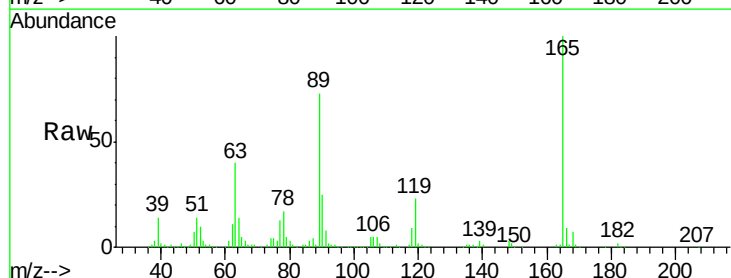
Ion Ratio Lower Upper

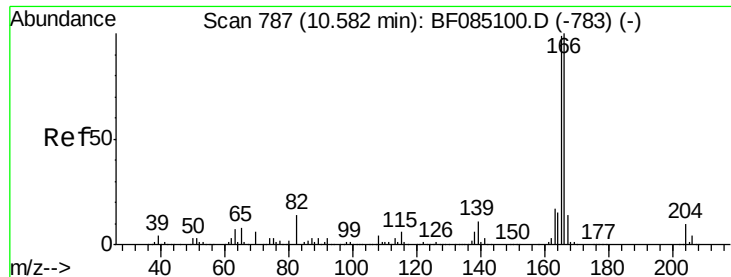
165 100

63 40.0 39.2 58.8

89 72.9 66.2 99.4

182 2.5 1.8 2.8





#57

Fluorene

Concen: 44.48 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF085110.D

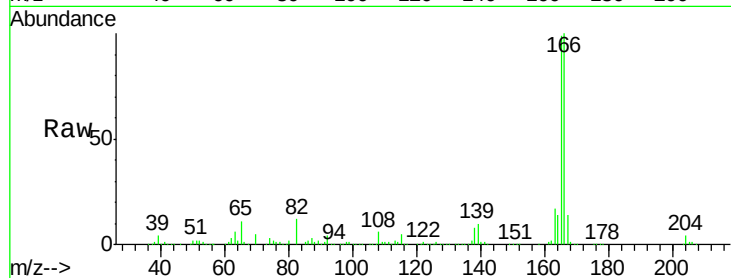
Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

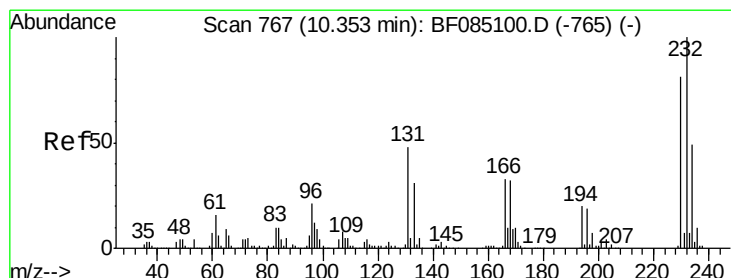
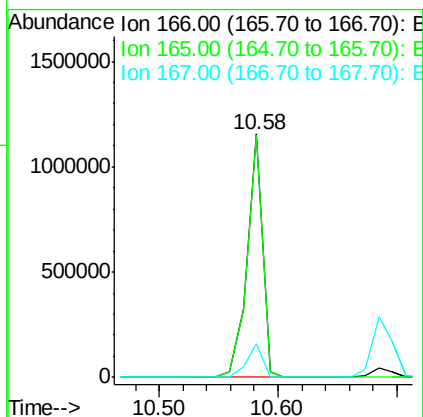
PB88620BS



Tgt Ion:	166	Resp:	1056091
Ion Ratio	Lower	Upper	
166	100		
165	99.3	79.4	119.2
167	13.6	11.2	16.8

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

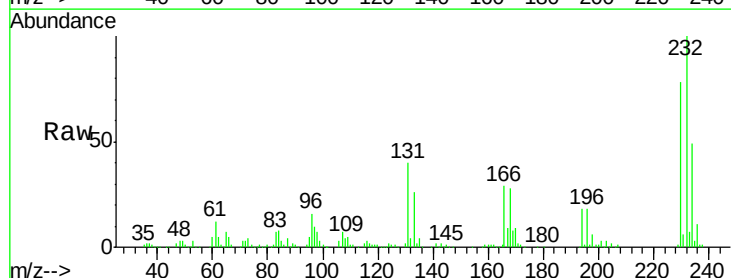
Concen: 52.56 ng

RT: 10.35 min Scan# 767

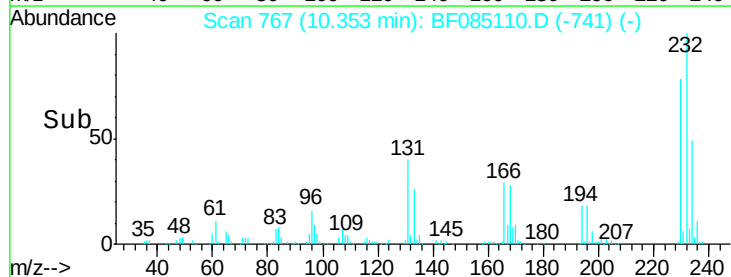
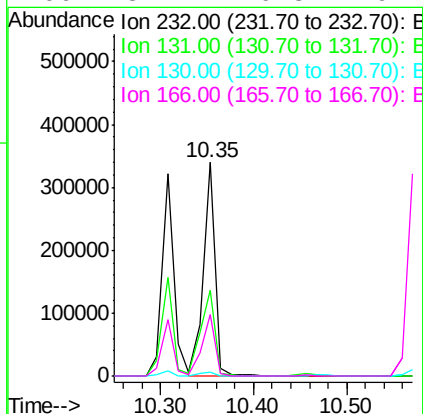
Delta R.T. -0.00 min

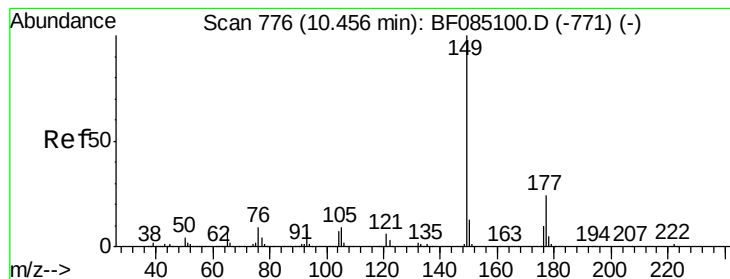
Lab File: BF085110.D

Acq: 2 Mar 2016 10:53



Tgt Ion:	232	Resp:	304557
Ion Ratio	Lower	Upper	
232	100		
131	48.3	41.6	62.4
130	2.4	2.1	3.1
166	31.4	26.8	40.2





#59

Diethylphthalate

Concen: 41.99 ng

RT: 10.46 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF085110.D

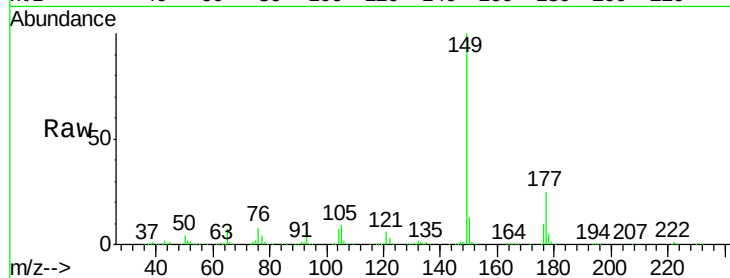
Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

PB88620BS



Tgt Ion:149 Resp: 1148777

Ion Ratio Lower Upper

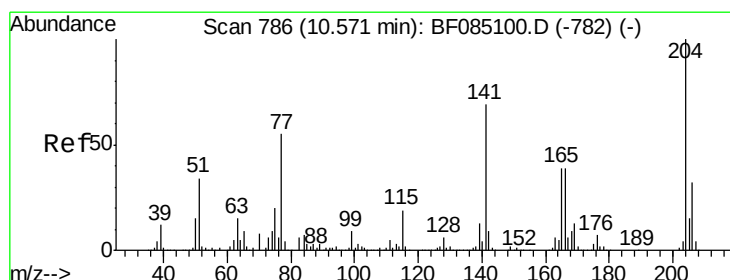
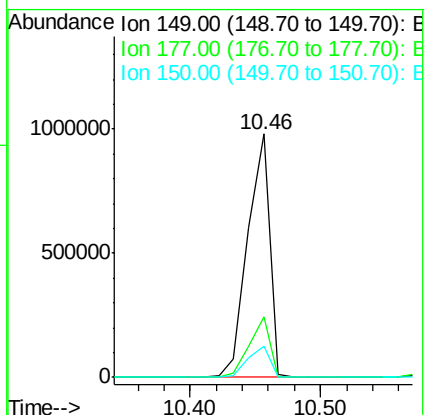
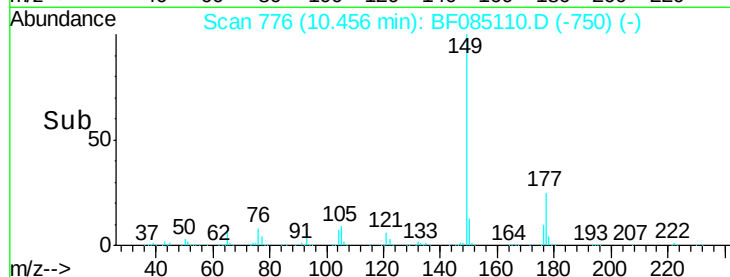
149 100

177 24.6 19.4 29.2

150 12.7 10.1 15.1

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 40.83 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

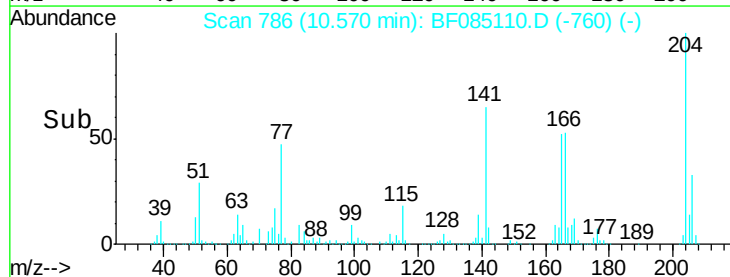
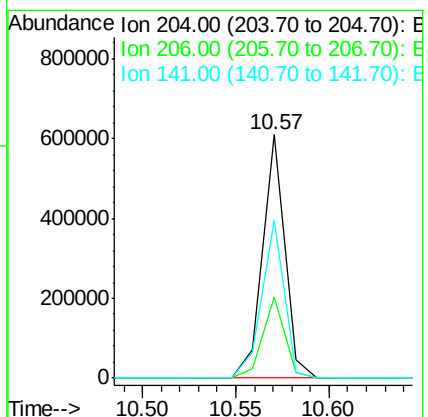
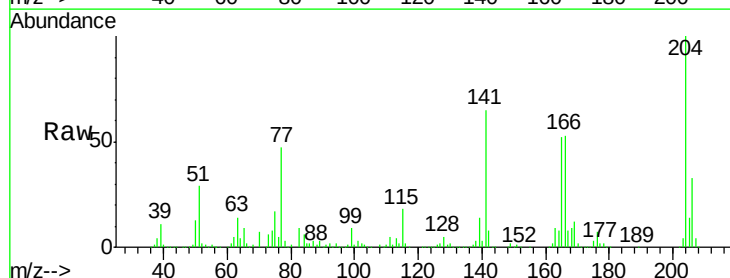
Tgt Ion:204 Resp: 499640

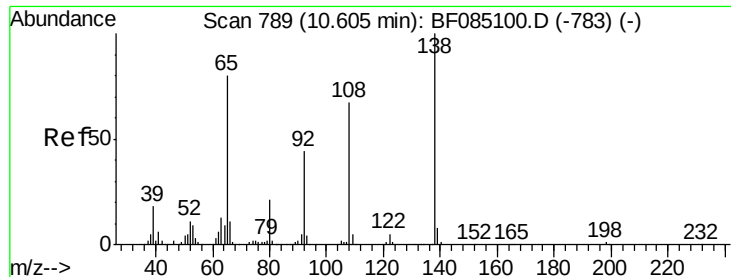
Ion Ratio Lower Upper

204 100

206 33.3 25.7 38.5

141 65.1 55.3 82.9





#61

4-Nitroaniline

Concen: 40.00 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF085110.D

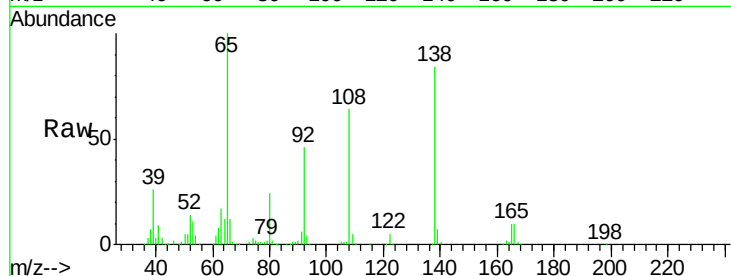
Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

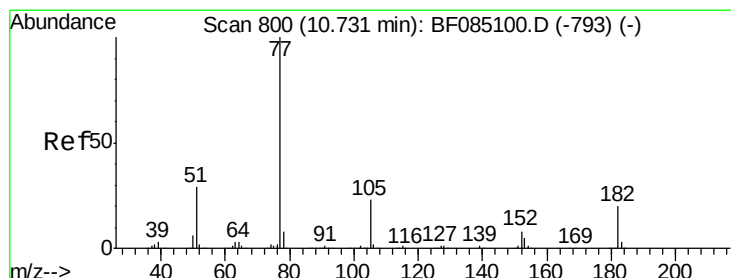
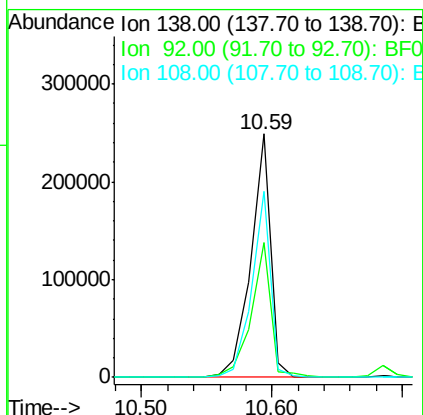
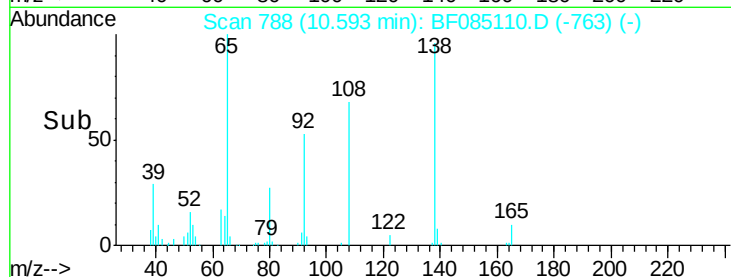
PB88620BS



Tgt Ion:	138	Resp:	263656
Ion Ratio	Lower	Upper	
138	100		
92	55.4	23.5	63.5
108	76.7	46.8	86.8

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#62

Azobenzene

Concen: 47.26 ng

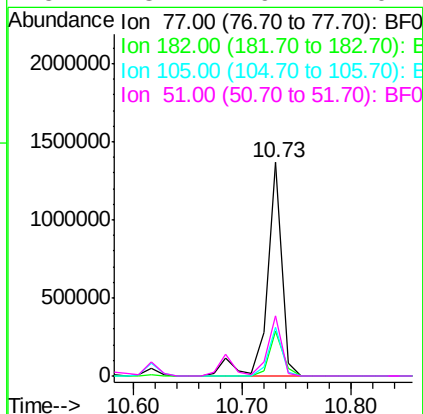
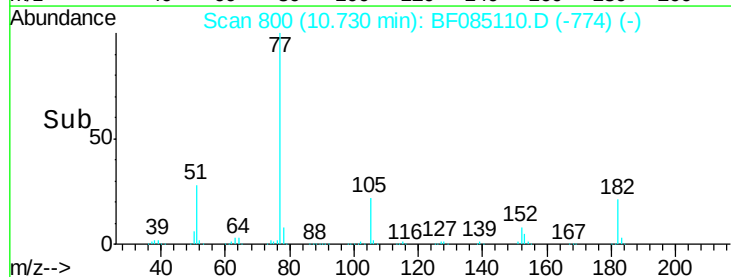
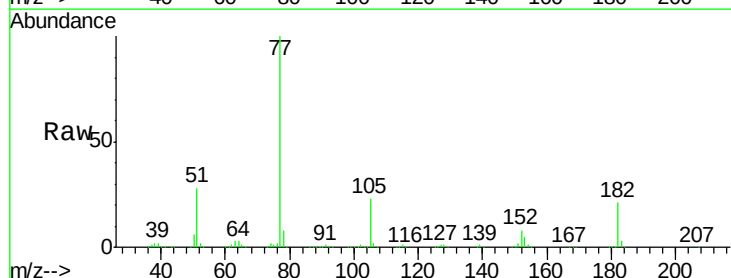
RT: 10.73 min Scan# 800

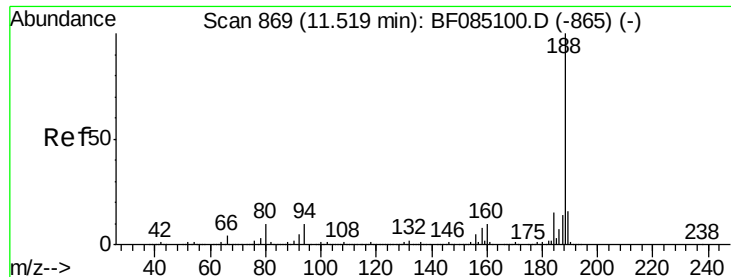
Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:	77	Resp:	1306196
Ion Ratio	Lower	Upper	
77	100		
182	21.2	0.0	39.8
105	22.9	2.7	42.7
51	28.1	9.4	49.4





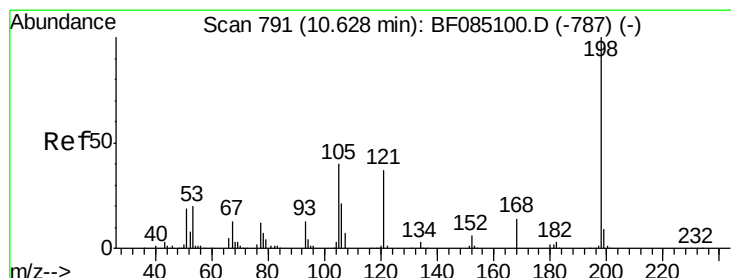
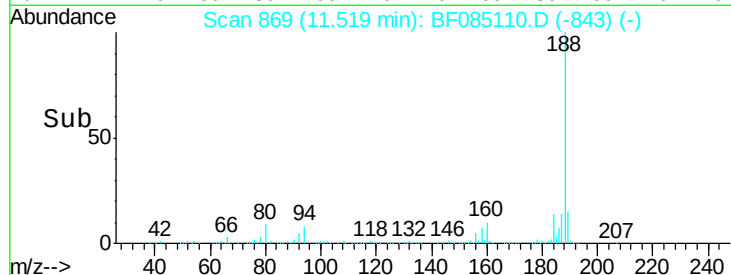
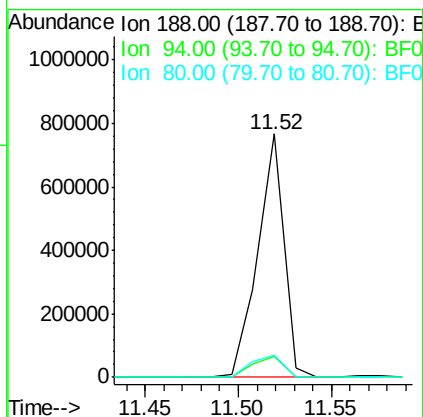
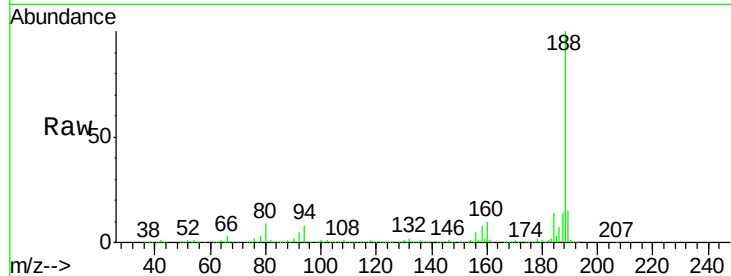
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Instrument :
BNA_F
ClientSampleId :
PB88620BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.3	7.8	11.6
80	8.9	8.2	12.4

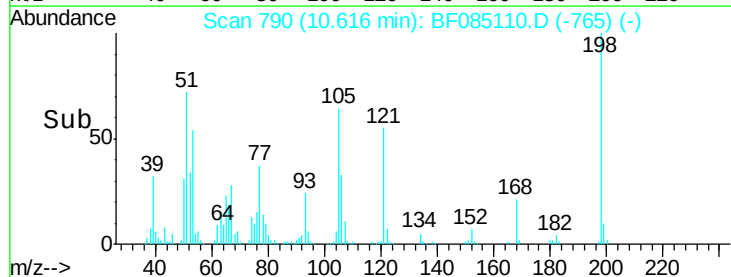
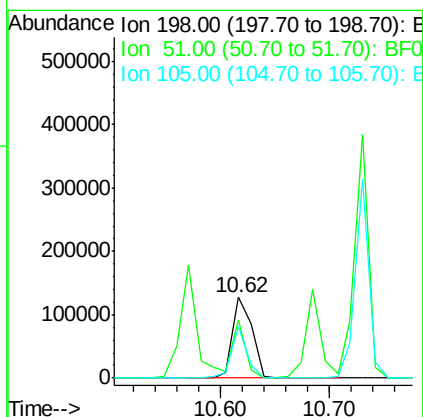
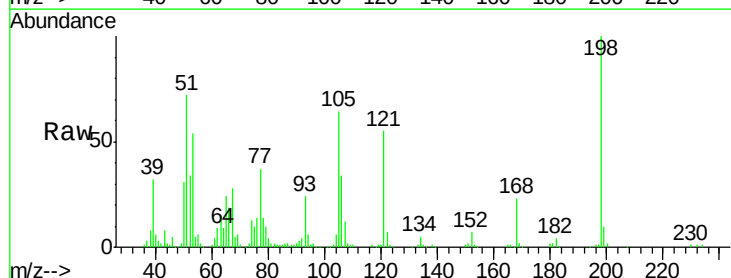
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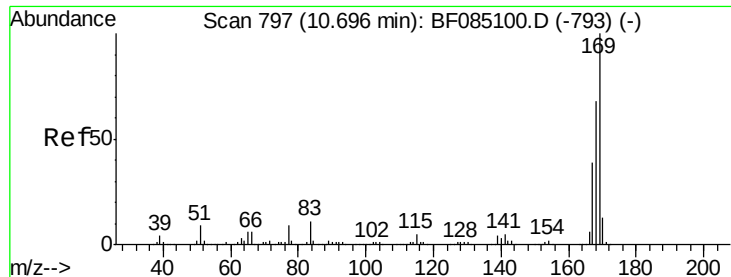
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.74 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	72.0	12.5	52.5#
105	63.5	20.2	60.2#





#65

n-Nitrosodiphenylamine

Concen: 38.90 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

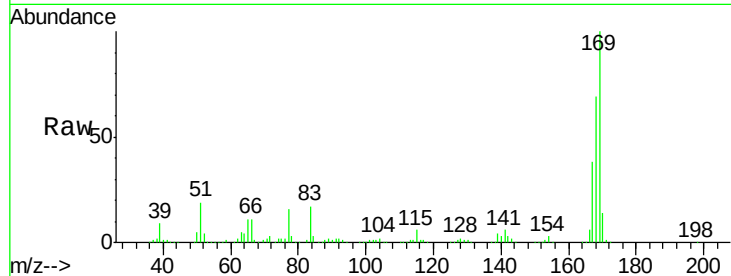
ClientSampleId :

PB88620BS

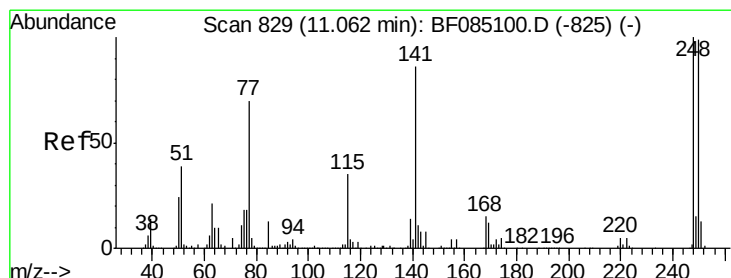
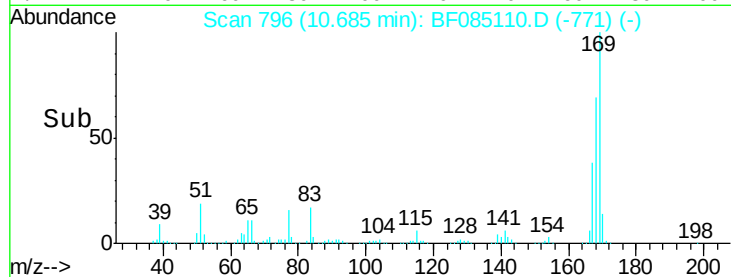
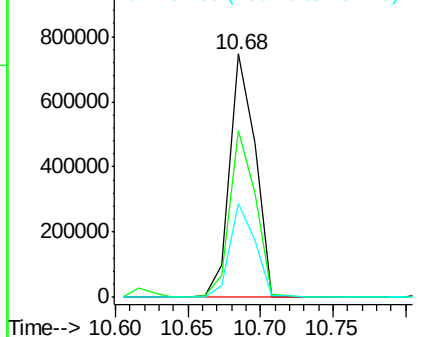
Tgt Ion:	169	Resp:	911073
Ion Ratio	Lower	Upper	
169	100		
168	68.6	54.6	81.8
167	38.4	30.8	46.2

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.11 ng

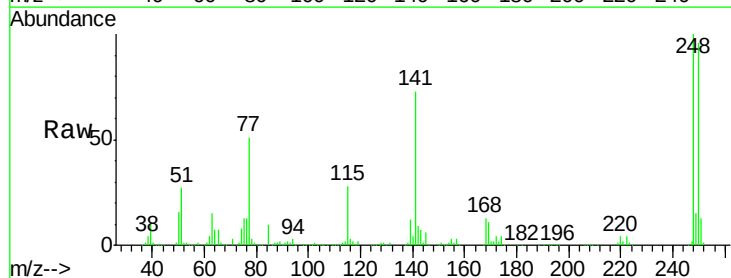
RT: 11.06 min Scan# 829

Delta R.T. -0.00 min

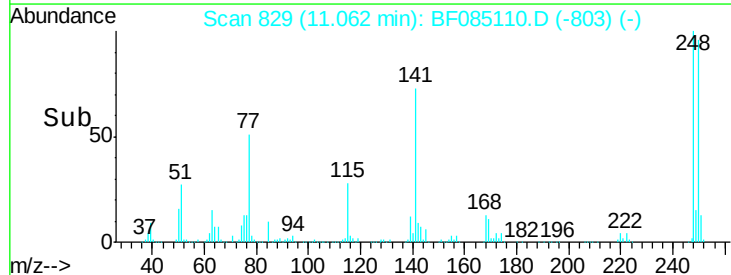
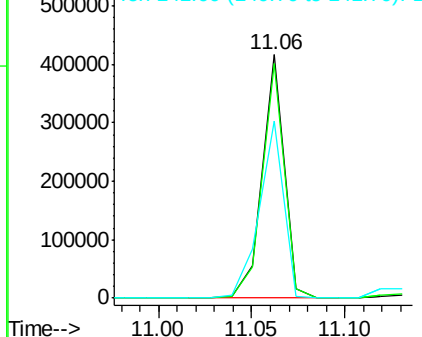
Lab File: BF085110.D

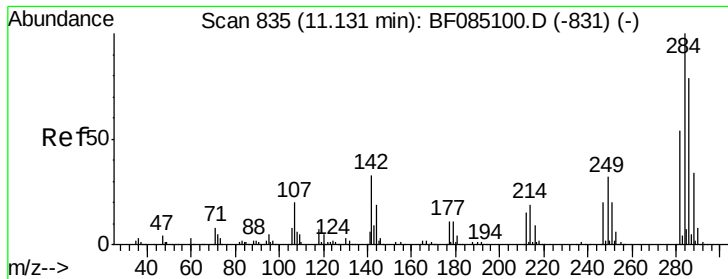
Acq: 2 Mar 2016 10:53

Tgt Ion:	248	Resp:	336372
Ion Ratio	Lower	Upper	
248	100		
250	96.3	79.0	118.4
141	72.5	68.6	103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.96 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF085110.D

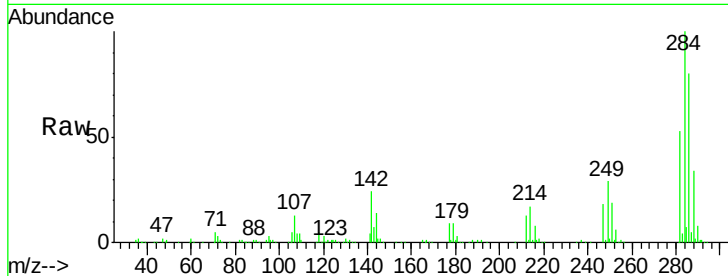
Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampled :

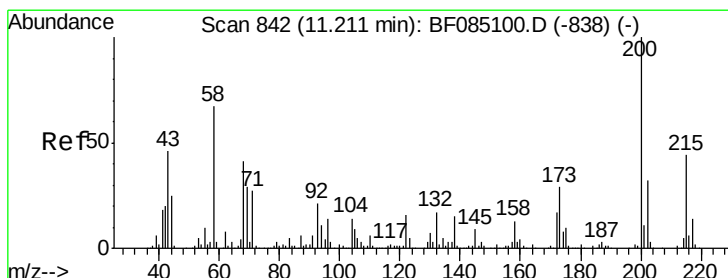
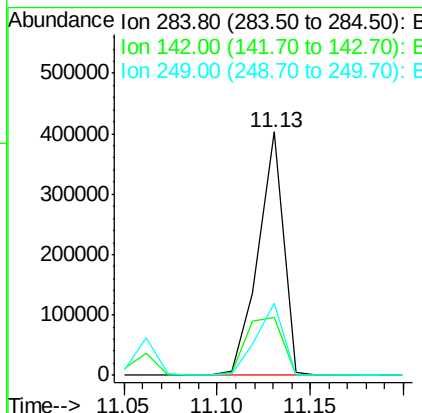
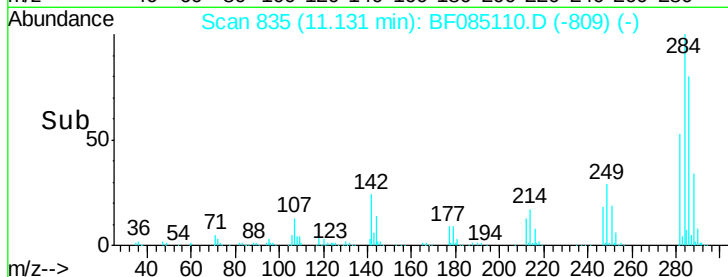
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Tgt Ion:	284	Resp:	378369
Ion Ratio	Lower	Upper	
284	100		
142	23.7	26.3	39.5#
249	29.4	25.8	38.6

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#68

Atrazine

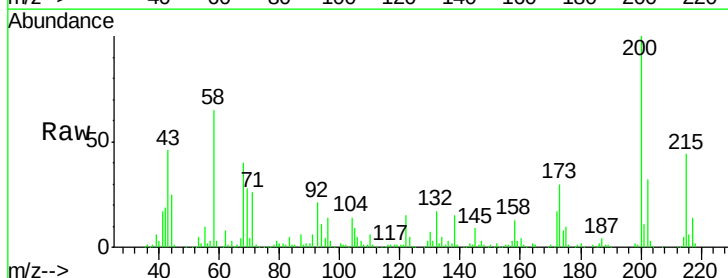
Concen: 39.74 ng

RT: 11.21 min Scan# 842

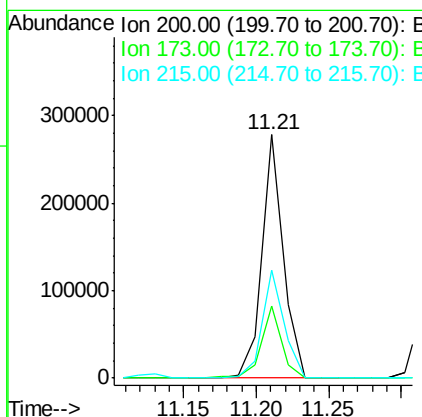
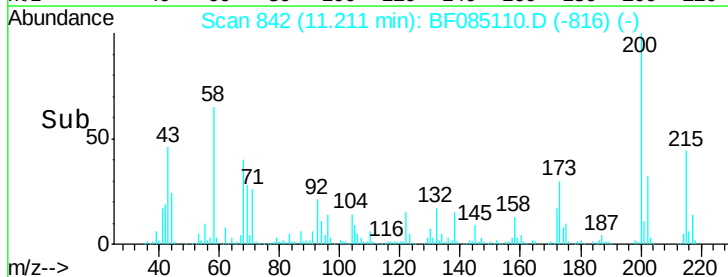
Delta R.T. -0.00 min

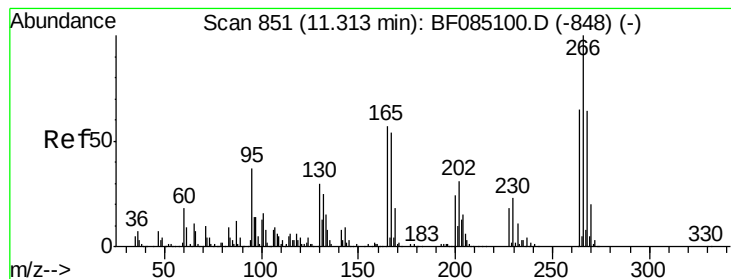
Lab File: BF085110.D

Acq: 2 Mar 2016 10:53



Tgt Ion:	200	Resp:	283920
Ion Ratio	Lower	Upper	
200	100		
173	29.7	9.4	49.4
215	44.4	23.6	63.6





#69

Pentachlorophenol

Concen: 79.44 ng

RT: 11.31 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

PB88620BS

Tgt Ion:266 Resp: 410576

Ion Ratio Lower Upper

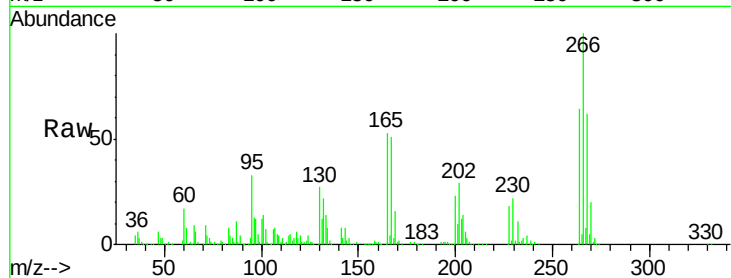
266 100

268 62.5 51.0 76.6

264 64.3 52.3 78.5

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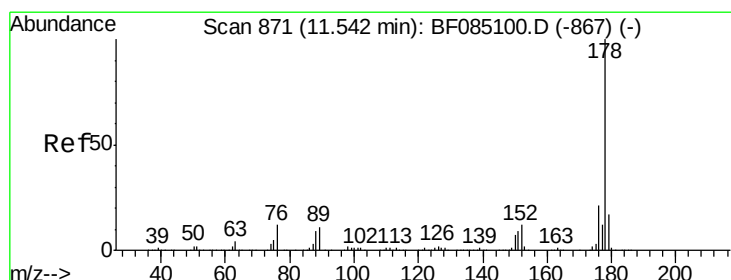
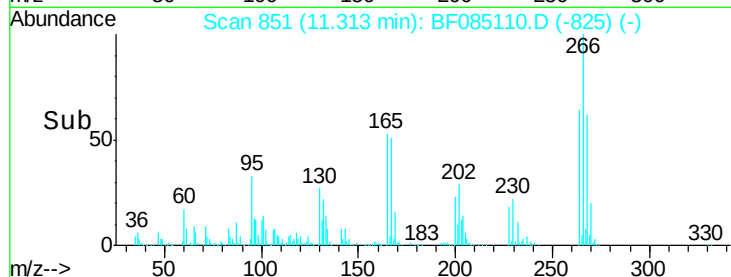
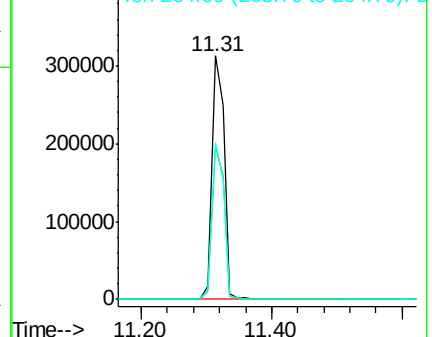


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.50 ng

RT: 11.54 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

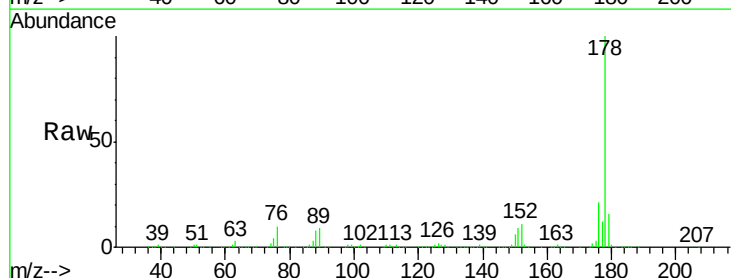
Tgt Ion:178 Resp: 1570749

Ion Ratio Lower Upper

178 100

176 21.0 17.0 25.6

179 16.1 13.3 19.9

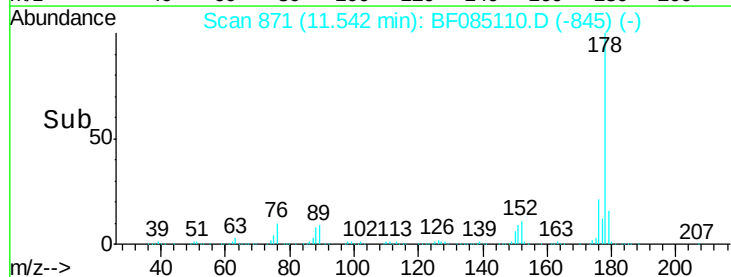
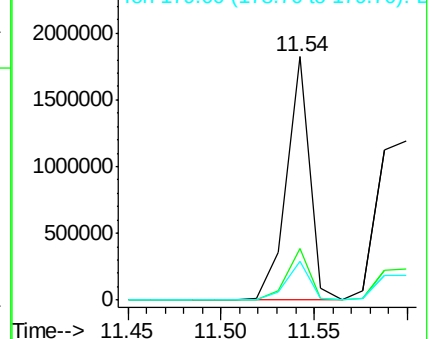


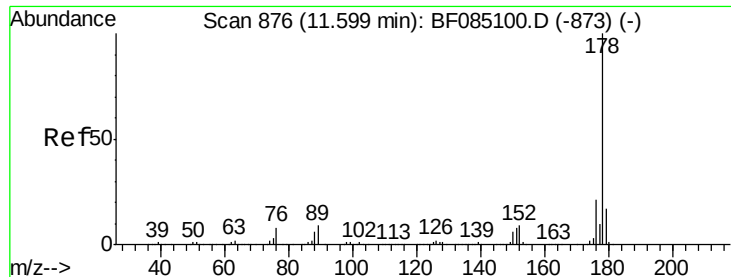
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.70 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

PB88620BS

Tgt Ion:178 Resp: 1647855

Ion Ratio Lower Upper

178 100

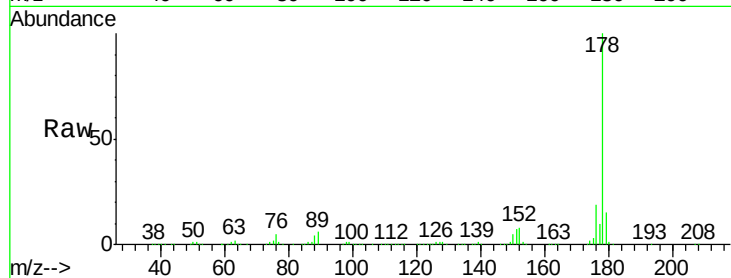
176 19.4 16.6 25.0

179 15.5 13.2 19.8

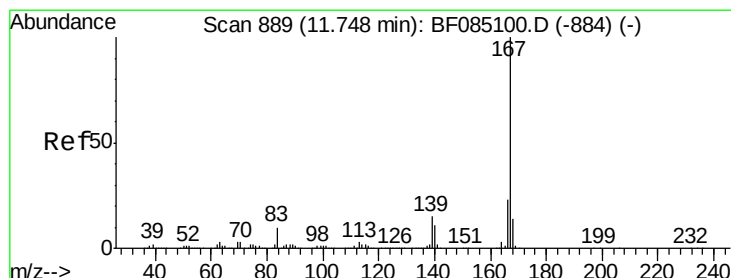
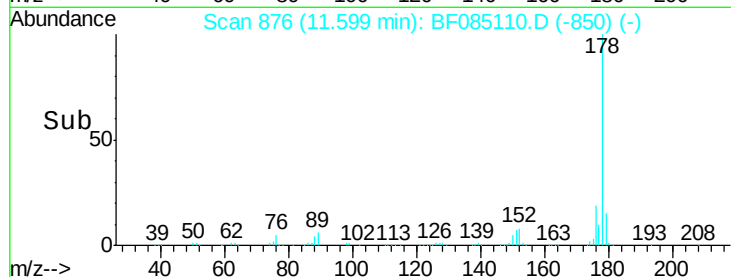
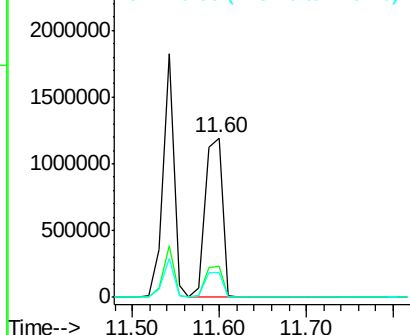
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Abundance Ion 178.00 (177.70 to 178.70): E
2500000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.58 ng

RT: 11.75 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

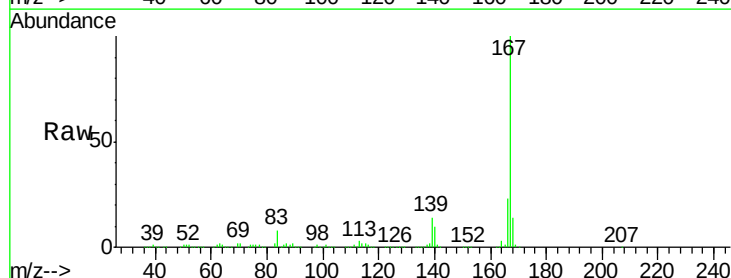
Tgt Ion:167 Resp: 1574203

Ion Ratio Lower Upper

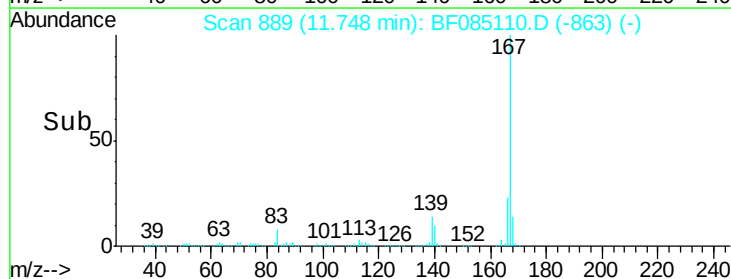
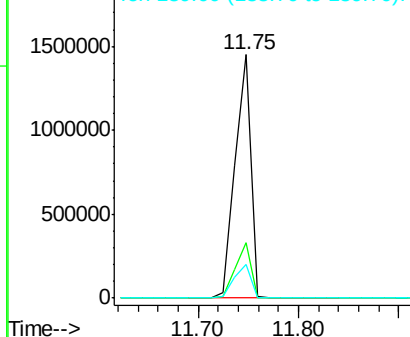
167 100

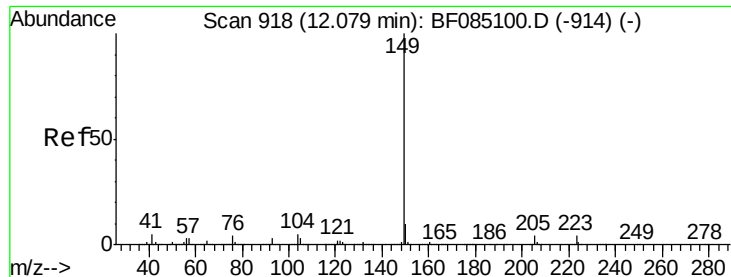
166 22.6 18.6 28.0

139 13.7 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
2000000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.75 ng

RT: 12.08 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

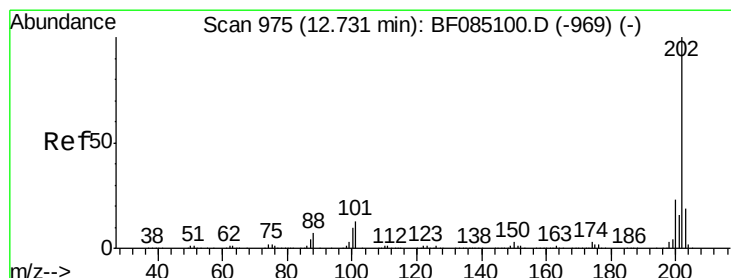
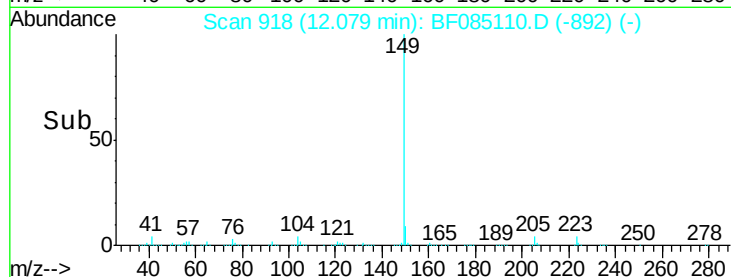
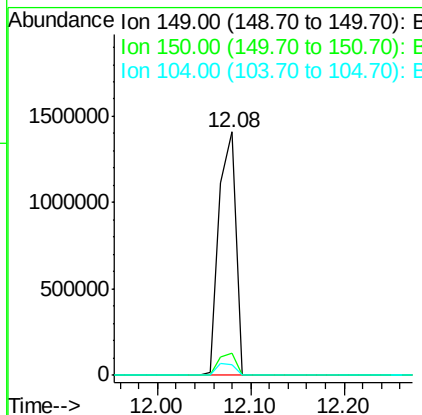
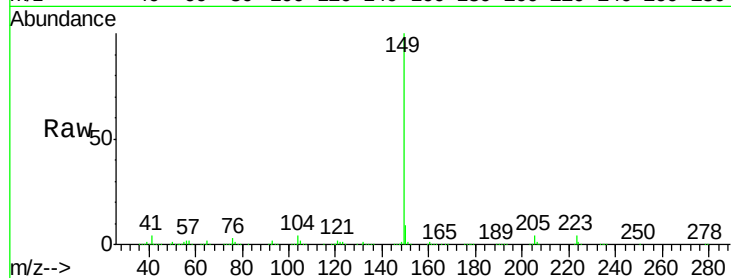
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Tgt Ion:	149	Resp:	1752134
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.2	3.7	5.5



#74

Fluoranthene

Concen: 43.65 ng

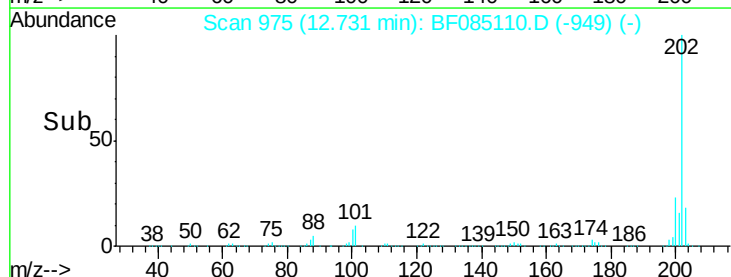
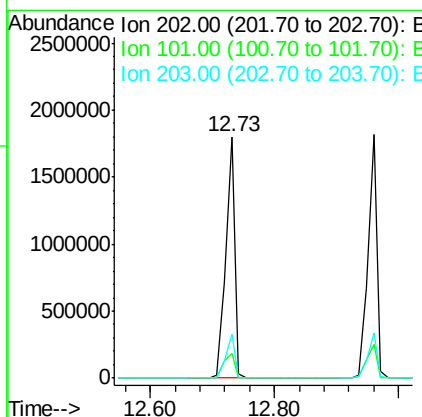
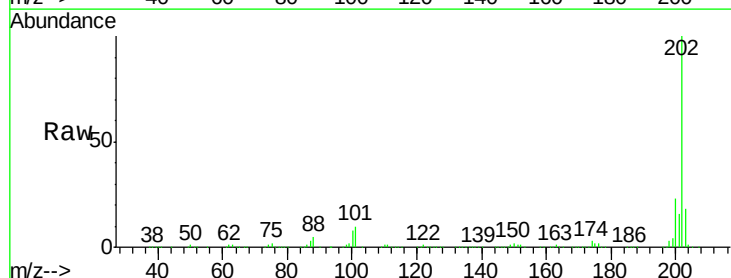
RT: 12.73 min Scan# 975

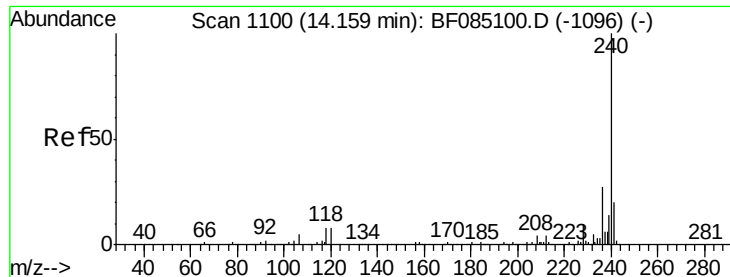
Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:	202	Resp:	1770535
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	33.2
203	18.4	0.0	38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

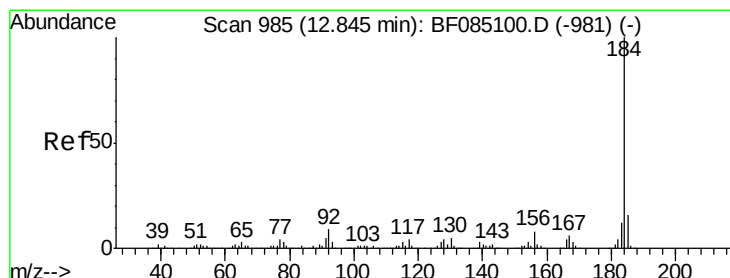
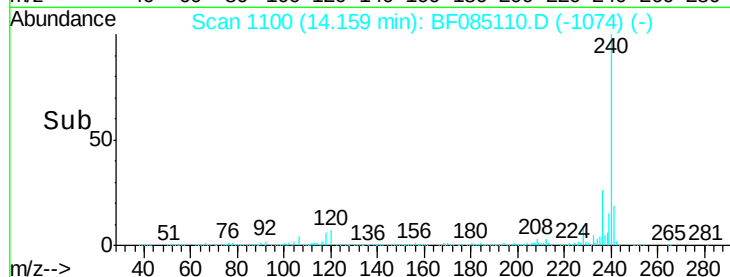
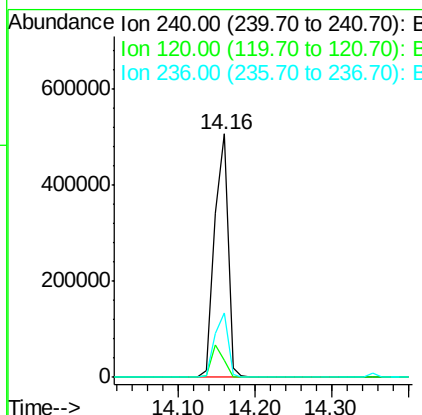
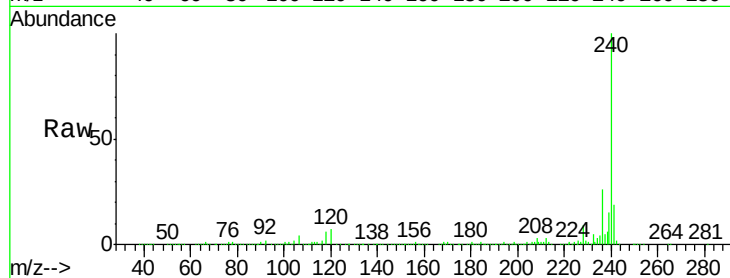
ClientSampleId :

PB88620BS

Tgt Ion:	240	Resp:	611924
Ion Ratio	Lower	Upper	
240	100		
120	6.8	6.7	10.1
236	26.2	21.6	32.4

Manual Integrations
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#76

Benzidine

Concen: 27.27 ng

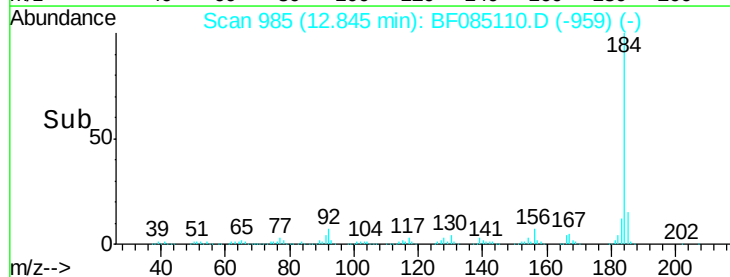
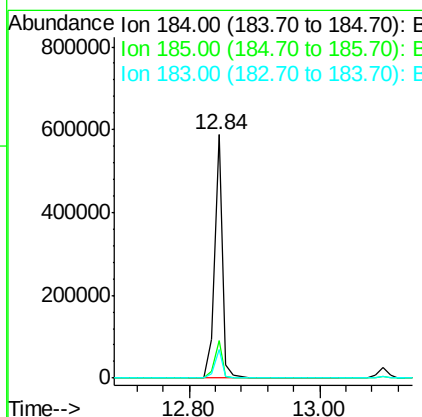
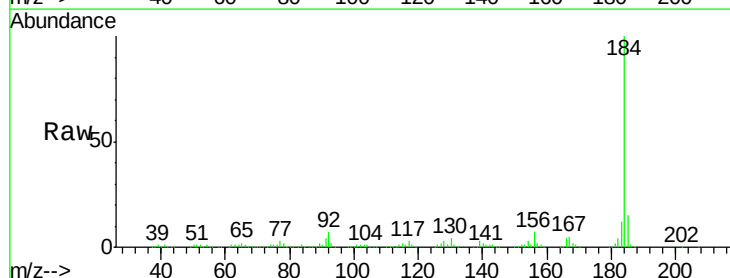
RT: 12.84 min Scan# 985

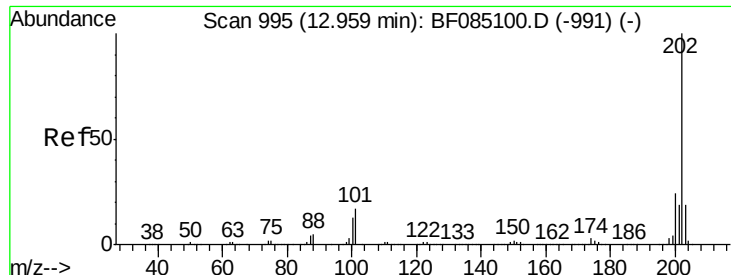
Delta R.T. -0.00 min

Lab File: BF085110.D

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Tgt Ion:	184	Resp:	504583
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.6	18.8
183	11.6	9.5	14.3





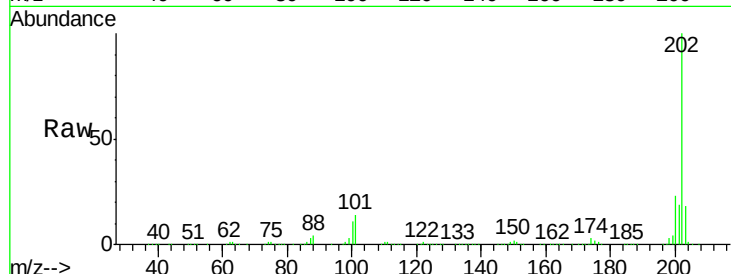
#77
 Pyrene
 Concen: 42.29 ng
 RT: 12.96 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB88620BS

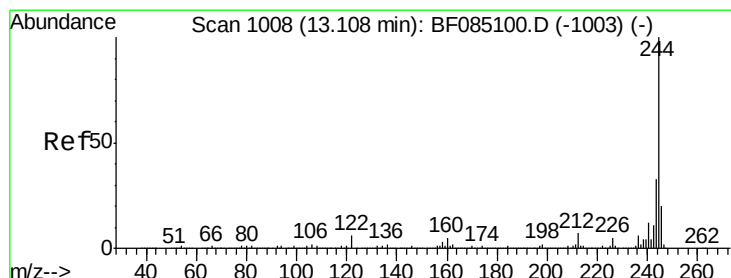
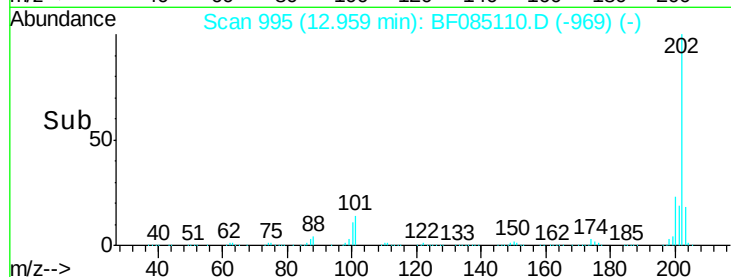
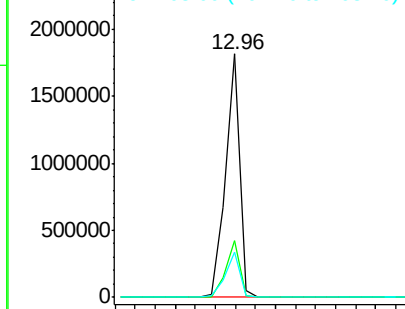
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.1	19.0	28.6
203	18.3	15.0	22.6

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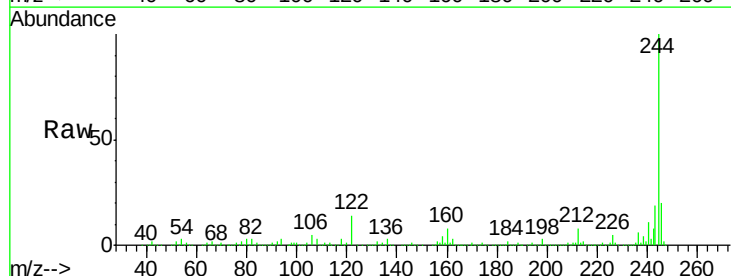


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

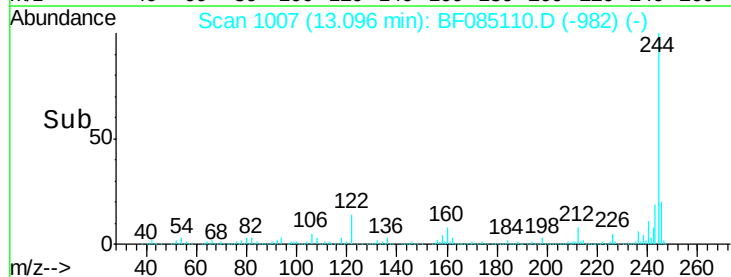
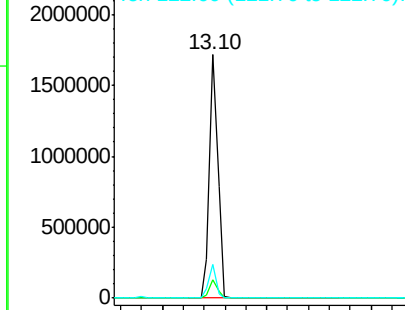


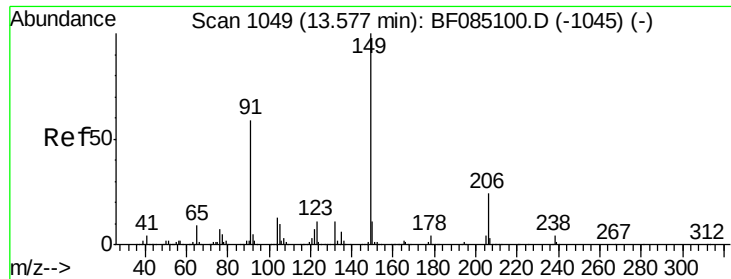
#78
 Terphenyl-d14
 Concen: 73.77 ng
 RT: 13.10 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.0
122	14.0	5.1	7.7#



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





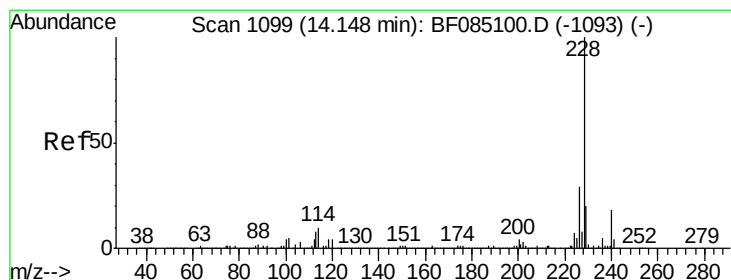
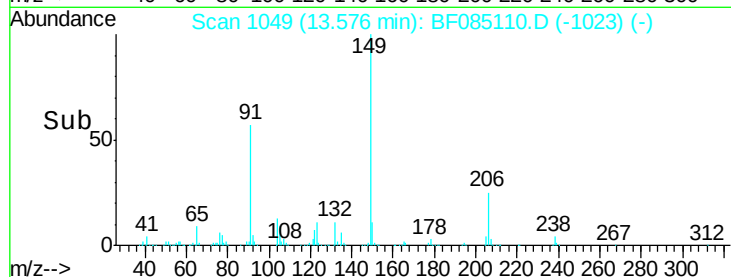
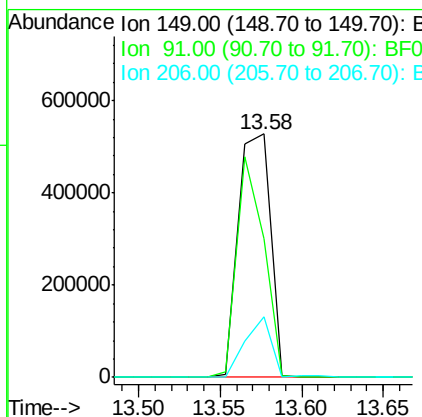
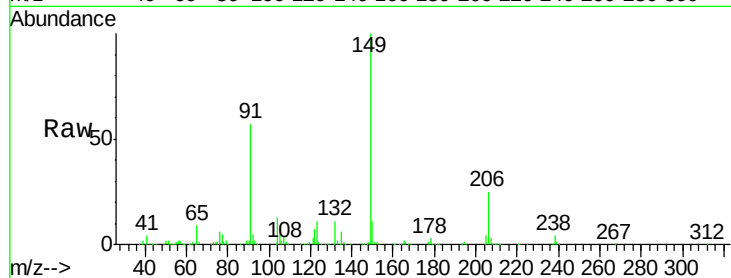
#79
Butylbenzylphthalate
Concen: 40.59 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Instrument :
BNA_F
ClientSampleId :
PB88620BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	718082		
91	56.8	46.9	70.3	
206	24.7	19.0	28.6	

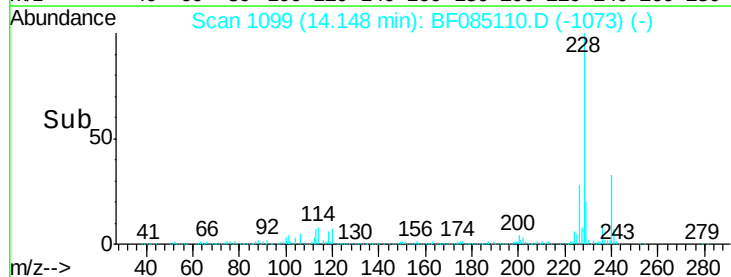
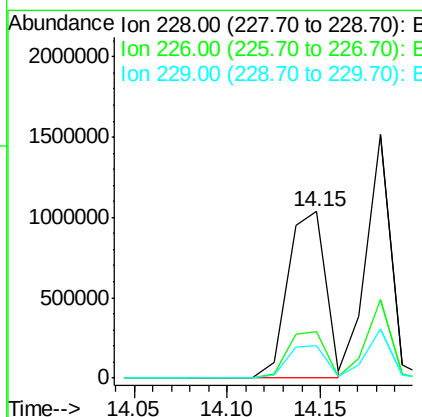
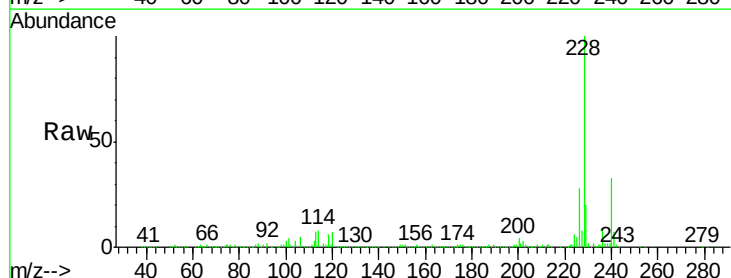
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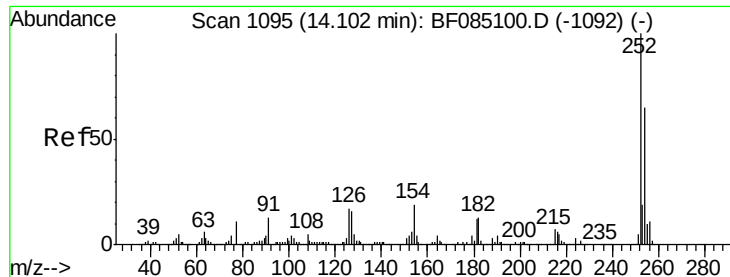
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#80
Benzo(a)anthracene
Concen: 41.11 ng
RT: 14.15 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1460528		
226	28.3	23.0	34.4	
229	19.6	16.1	24.1	





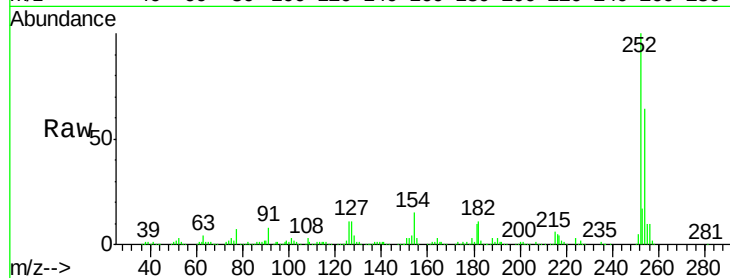
#81
 3,3'-Dichlorobenzidine
 Concen: 20.52 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB88620BS

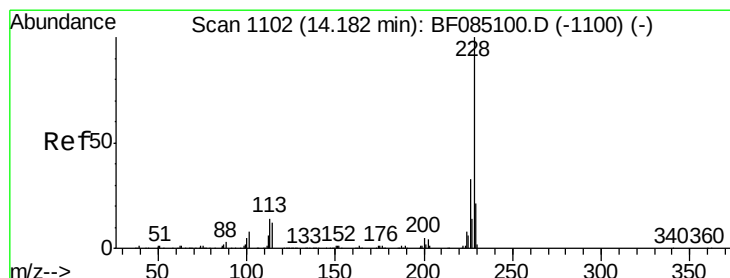
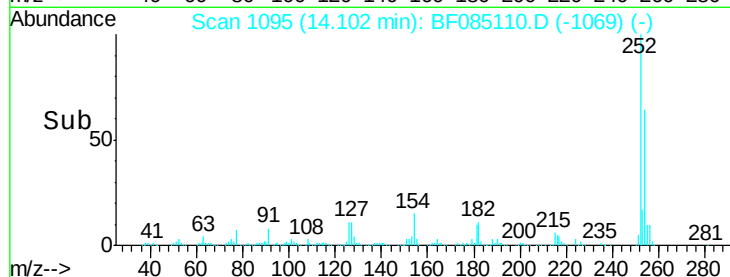
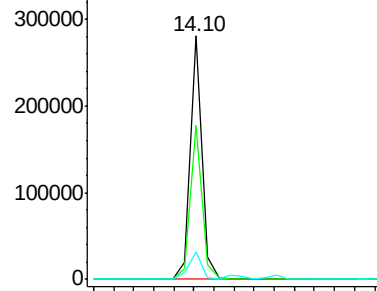
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.8	77.6
126	11.4	13.2	19.8

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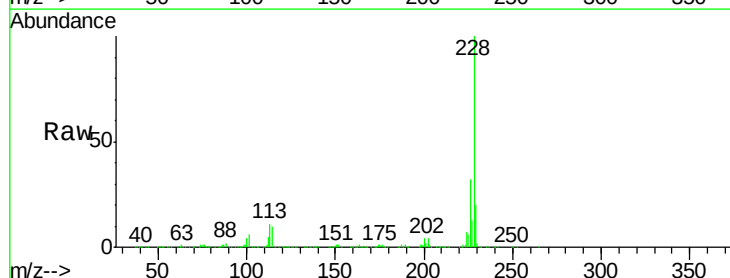


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

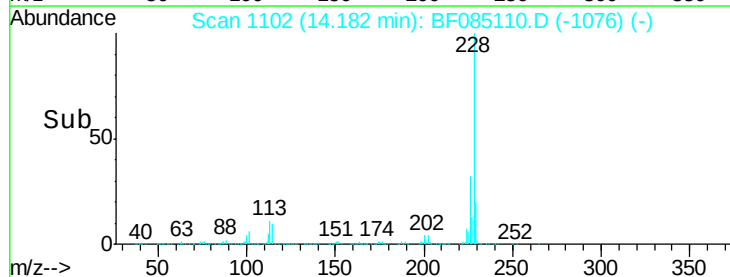
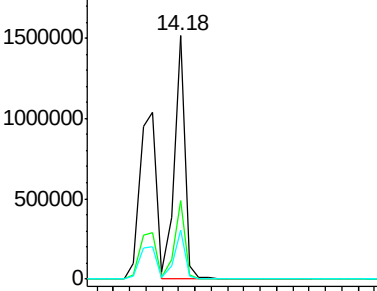


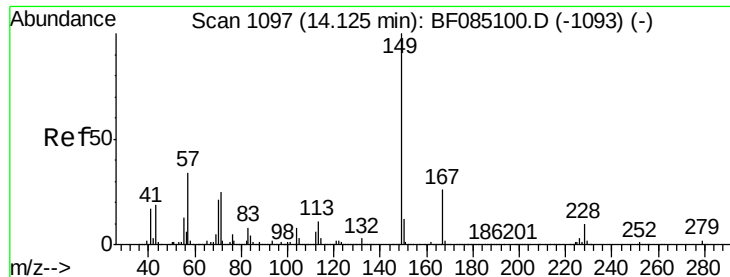
#82
 Chrysene
 Concen: 42.65 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	26.2	39.4
229	20.3	16.5	24.7



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





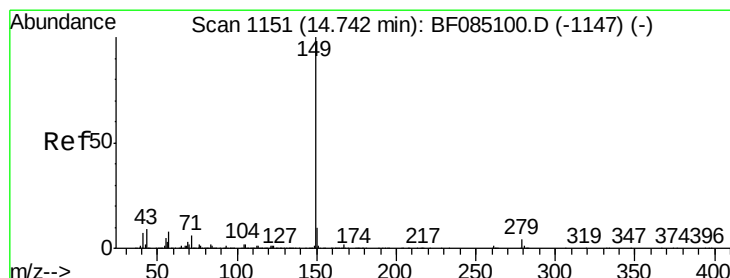
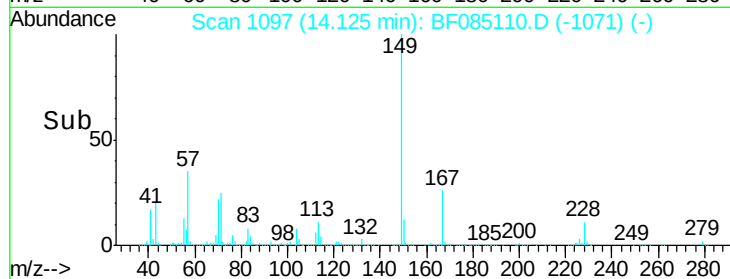
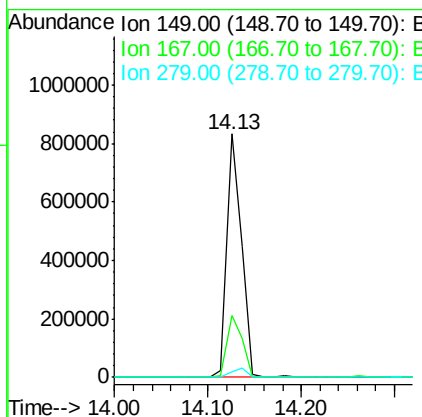
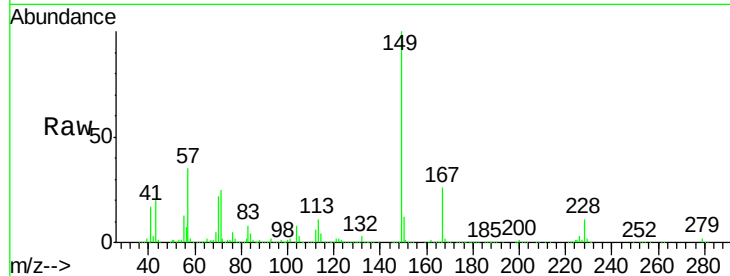
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.50 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB88620BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	908765		
167	25.6	20.6	31.0	
279	2.2	2.0	3.0	

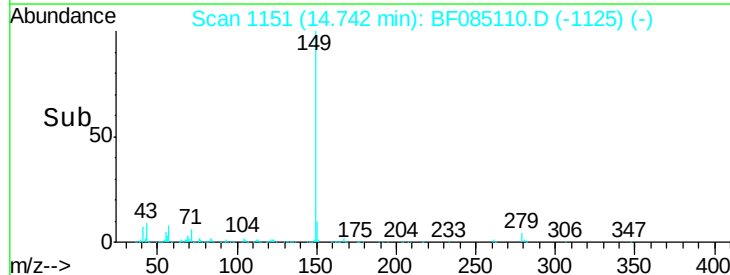
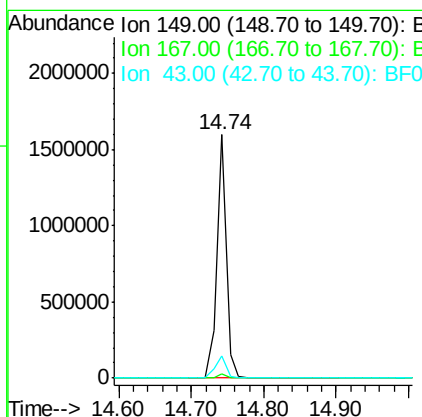
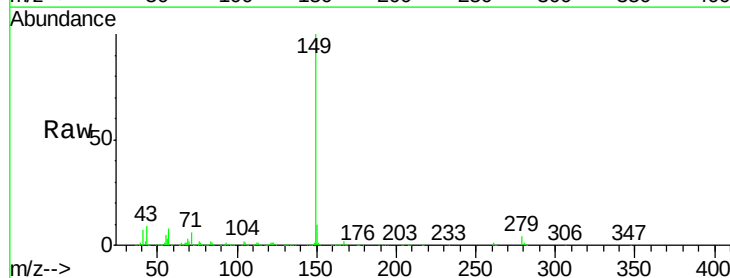
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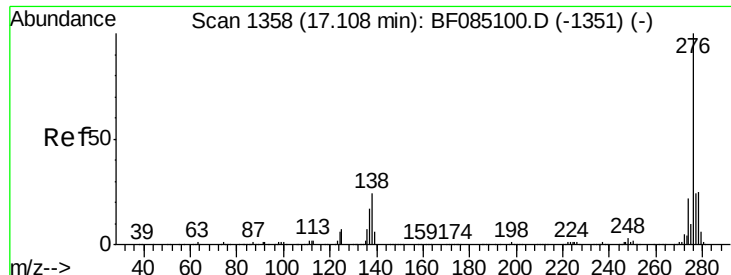
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#84
 Di-n-octyl phthalate
 Concen: 47.57 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1442154		
167	1.6	1.2	1.8	
43	10.6	8.8	13.2	





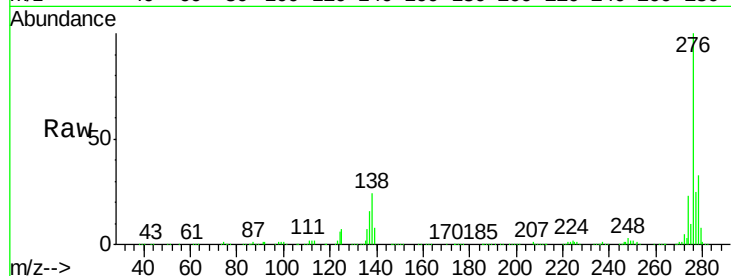
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.84 ng
 RT: 17.11 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB88620BS

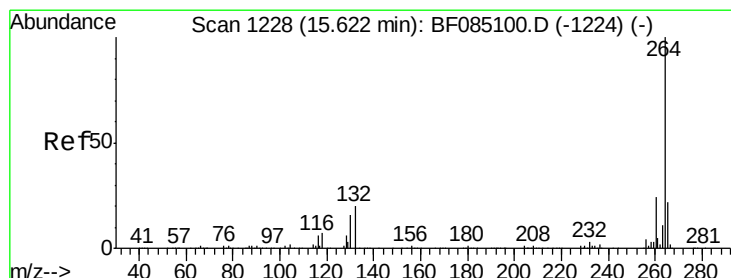
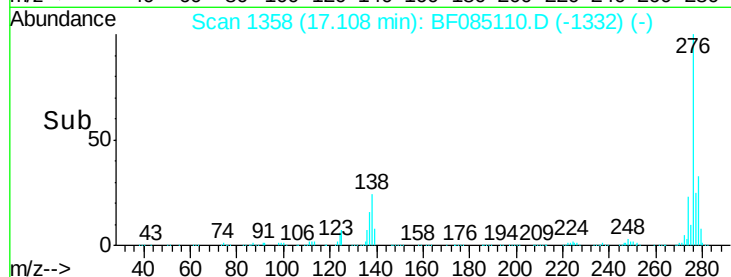
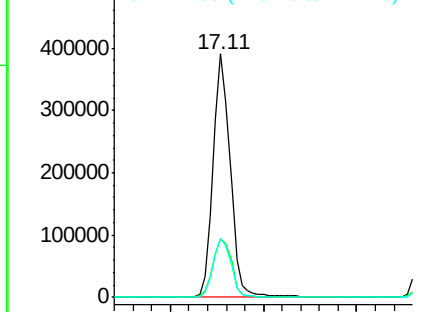
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.4	32.2
277	25.2	20.1	30.1

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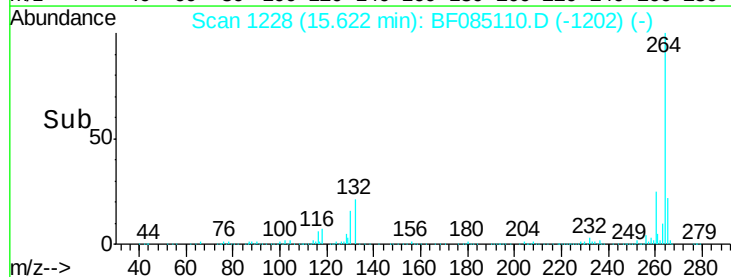
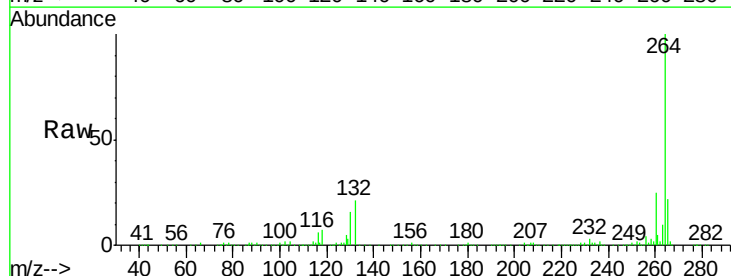
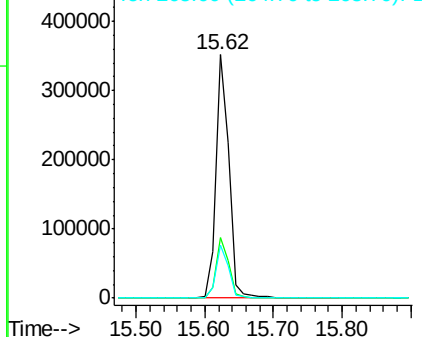
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

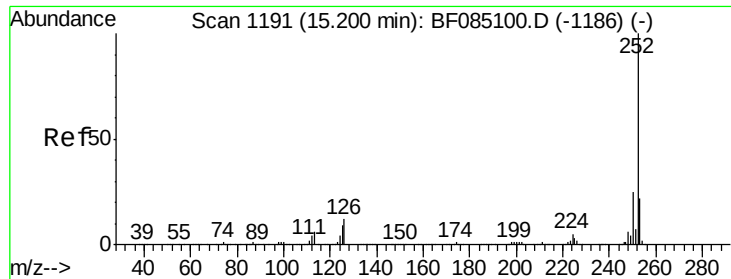


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.0	17.4	26.2

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.32 ng

RT: 15.20 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

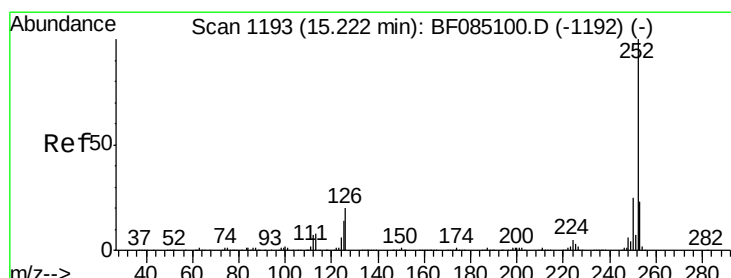
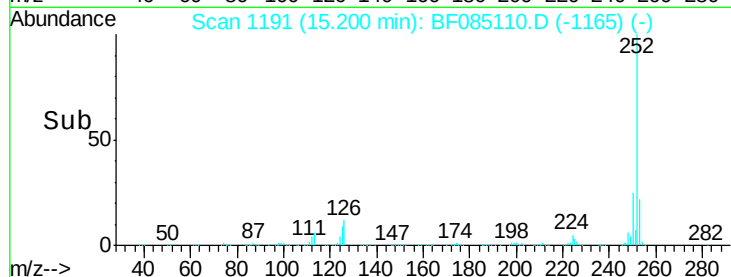
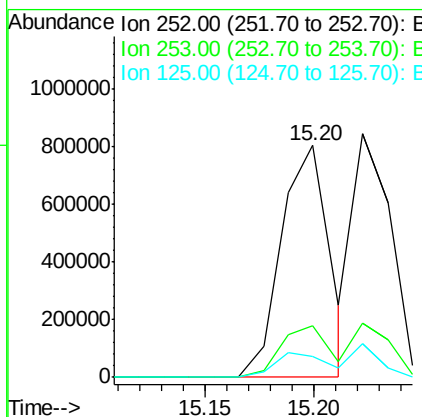
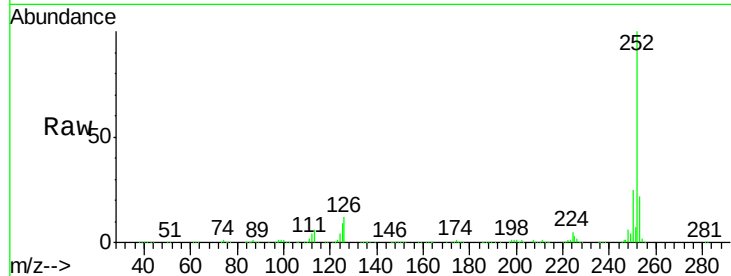
ClientSampleId :

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Tgt Ion:	252	Resp:	1240407
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.8
125	8.8	7.0	10.4

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#88

Benzo(k)fluoranthene

Concen: 42.05 ng m

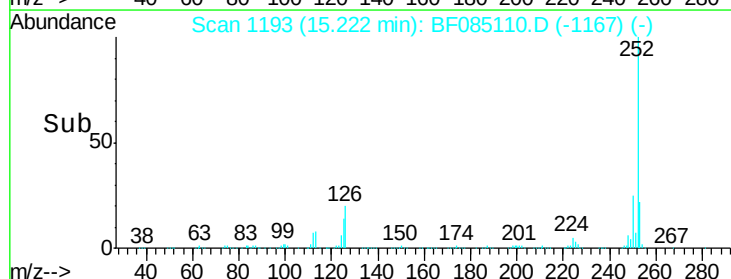
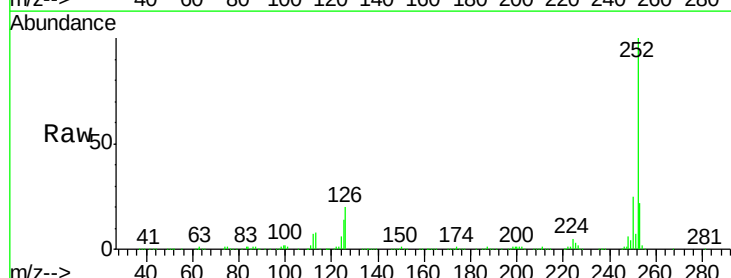
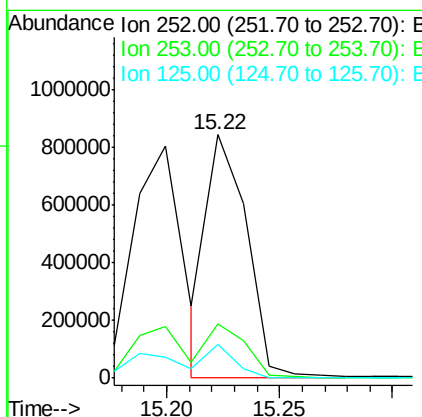
RT: 15.22 min Scan# 1193

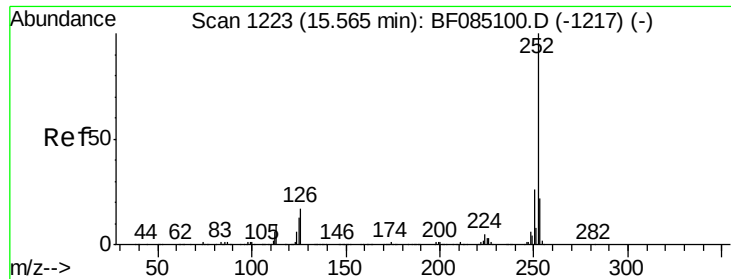
Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:	252	Resp:	1043072
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.4
125	13.6	11.1	16.7





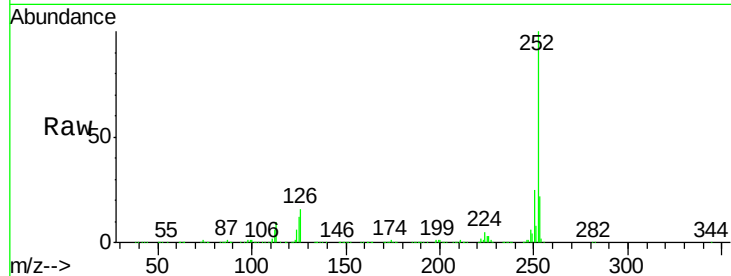
#89
Benzo(a)pyrene
Concen: 43.10 ng
RT: 15.57 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Instrument :
BNA_F
ClientSampleId :
PB88620BS

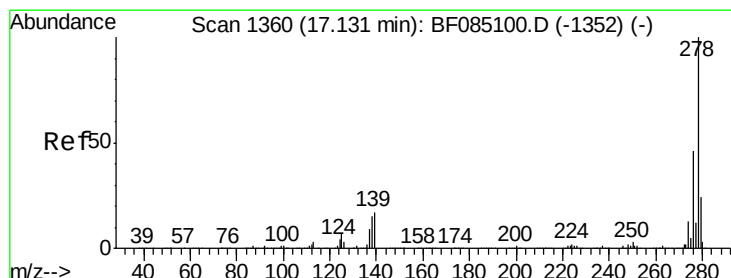
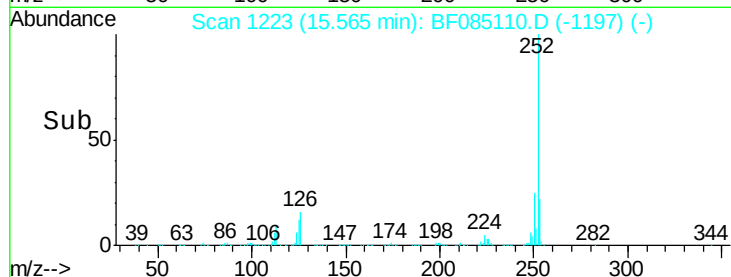
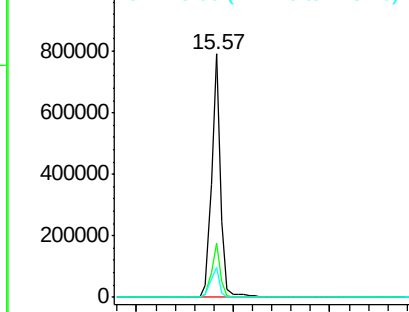
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	12.1	10.2	15.2

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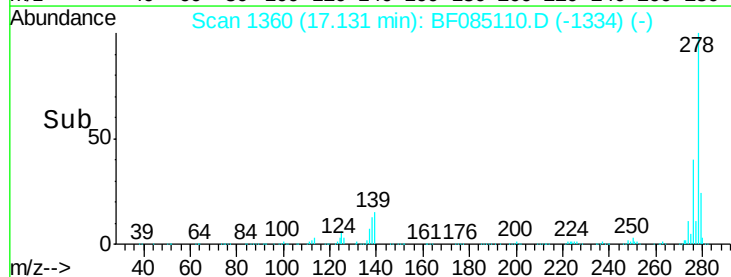
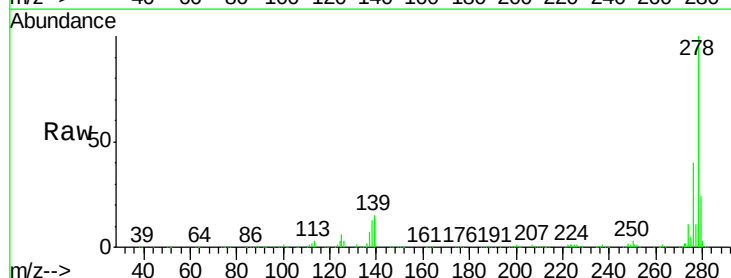
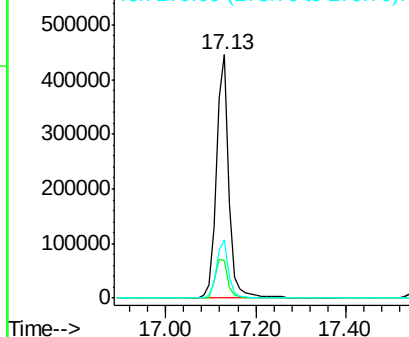
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

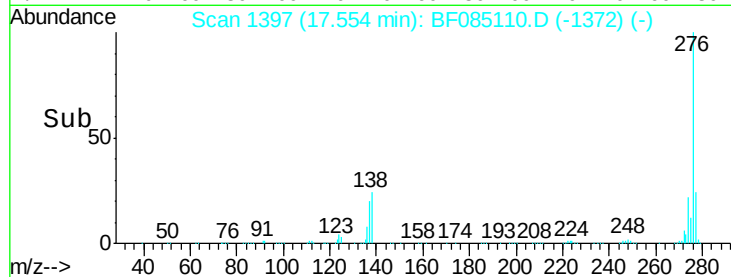
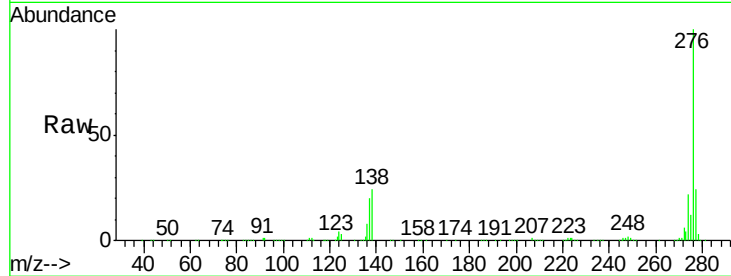
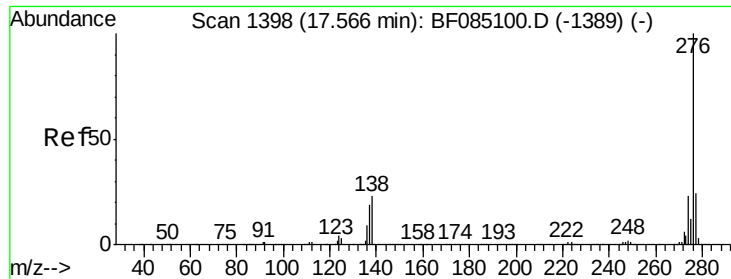


#90
Dibenzo(a,h)anthracene
Concen: 39.52 ng
RT: 17.13 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.6	20.4
279	24.0	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.64 ng

RT: 17.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:	276	Resp:	852247
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.0	28.4
138	23.8	18.1	27.1

Instrument :

BNA_F

ClientSampleId :

PB88620BS

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