

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085112.D
 Acq On : 2 Mar 2016 11:51
 Operator : SJ/IZ
 Sample : PB88627BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88627BS

Manual Integrations
 APPROVED

UMANGI
 3/3/2016 2:05:23 PM

Quant Time: Mar 03 11:23:38 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	6.98	152	181920	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	748571	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	355365	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	642783	20.00	ng	0.00
75) Chrysene-d12	14.15	240	523732	20.00	ng	0.00
86) Perylene-d12	15.63	264	412064	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1286630	114.82	ng	0.01
7) Phenol-d6	6.62	99	1906264	129.76	ng	0.00
23) Nitrobenzene-d5	7.56	82	1234557	87.74	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	559763	156.74	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1798528	74.54	ng	0.00
78) Terphenyl-d14	13.10	244	1849035	82.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	192968	34.75	ng	99
3) Pyridine	3.54	79	604249	42.40	ng	99
4) n-Nitrosodimethylamine	3.50	42	272129	41.96	ng	96
6) Aniline	6.65	93	489279	23.47	ng	99
8) 2-Chlorophenol	6.78	128	566696	43.88	ng	87
9) Benzaldehyde	6.54	77	56465	5.11	ng	85
10) Phenol	6.63	94	708410	43.10	ng	87
11) bis(2-Chloroethyl)ether	6.72	93	511679	39.27	ng	95
12) 1,3-Dichlorobenzene	6.93	146	546083m	39.36	ng	
13) 1,4-Dichlorobenzene	7.01	146	583765	41.28	ng	96
14) 1,2-Dichlorobenzene	7.17	146	534522m	42.94	ng	
15) Benzyl Alcohol	7.12	79	514405	48.04	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.27	45	804925	41.92	ng	99
17) 2-Methylphenol	7.24	107	473269	43.73	ng	98
18) Hexachloroethane	7.51	117	224481	42.95	ng	# 86
19) n-Nitroso-di-n-propylamine	7.41	70	439652	45.41	ng	99
20) 3+4-Methylphenols	7.38	107	595951	46.08	ng	97
22) Acetophenone	7.40	105	756972	40.20	ng	# 96
24) Nitrobenzene	7.57	77	557059	38.17	ng	97
25) Isophorone	7.81	82	1113150	41.36	ng	100
26) 2-Nitrophenol	7.89	139	268643	41.16	ng	# 79
27) 2,4-Dimethylphenol	7.92	122	559450	44.23	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	720600	48.55	ng	99
29) 2,4-Dichlorophenol	8.13	162	489882	47.07	ng	94
30) 1,2,4-Trichlorobenzene	8.22	180	495342	43.66	ng	95
31) Naphthalene	8.30	128	1637112	43.24	ng	99
32) Benzoic acid	8.02	122	221178	34.77	ng	99
33) 4-Chloroaniline	8.33	127	178183	11.91	ng	98
34) Hexachlorobutadiene	8.41	225	266931	40.56	ng	98
35) Caprolactam	8.71	113	155965m	47.75	ng	
36) 4-Chloro-3-methylphenol	8.82	107	530168	46.07	ng	88
37) 2-Methylnaphthalene	8.98	142	1039673	44.93	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	464142	42.41	ng	99
40) Hexachlorocyclopentadiene	9.14	237	547846	87.92	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	326518	44.31	ng	96
43) 2,4,5-Trichlorophenol	9.30	196	316651	44.85	ng	97
45) 1,1'-Biphenyl	9.45	154	1253985	39.75	ng	97
46) 2-Chloronaphthalene	9.48	162	904895	39.33	ng	96
47) 2-Nitroaniline	9.57	65	300784	41.64	ng	# 75
48) Acenaphthylene	9.90	152	1571082	45.95	ng	98
49) Dimethylphthalate	9.75	163	1053703	39.99	ng	100
50) 2,6-Dinitrotoluene	9.81	165	227285	41.60	ng	# 84
51) Acenaphthene	10.07	154	1075752	50.11	ng	98
52) 3-Nitroaniline	9.98	138	148649	22.90	ng	94
53) 2,4-Dinitrophenol	10.08	184	189921	73.61	ng	# 1
54) Dibenzofuran	10.24	168	1450237	52.04	ng	94
55) 4-Nitrophenol	10.13	139	453081	90.98	ng	# 58
56) 2,4-Dinitrotoluene	10.22	165	363213	49.33	ng	# 69
57) Fluorene	10.58	166	1092673	49.86	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	290491	54.31	ng	93
59) Diethylphthalate	10.45	149	1086669	43.03	ng	96
60) 4-Chlorophenyl-phenylether	10.57	204	530513	46.97	ng	90
61) 4-Nitroaniline	10.60	138	281057	46.20	ng	92
62) Azobenzene	10.73	77	1338568	52.47	ng	94
64) 4,6-Dinitro-2-methylphenol	10.62	198	155194	41.35	ng	# 69
65) n-Nitrosodiphenylamine	10.69	169	855690	42.24	ng	99
66) 4-Bromophenyl-phenylether	11.06	248	332985	49.34	ng	# 84
67) Hexachlorobenzene	11.13	284	359242	47.15	ng	# 81
68) Atrazine	11.21	200	308739	49.95	ng	99
69) Pentachlorophenol	11.32	266	384693	86.04	ng	97
70) Phenanthrene	11.54	178	1645746	51.47	ng	100
71) Anthracene	11.59	178	1465957	40.83	ng	99
72) Carbazole	11.74	167	1371743	43.90	ng	99
73) Di-n-butylphthalate	12.07	149	1564236	42.06	ng	# 98
74) Fluoranthene	12.73	202	1636060	46.62	ng	92
76) Benzidine	12.85	184	477744	30.17	ng	99
77) Pyrene	12.96	202	1711050	47.86	ng	97
79) Butylbenzylphthalate	13.57	149	651123	43.01	ng	# 68
80) Benzo(a)anthracene	14.14	228	1332427	43.82	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	193407	20.35	ng	# 95
82) Chrysene	14.19	228	1277768	46.01	ng	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	877851	50.22	ng	99
84) Di-n-octyl phthalate	14.75	149	1327232	51.15	ng	98
85) Indeno(1,2,3-cd)pyrene	17.11	276	1017677	43.34	ng	100
87) Benzo(b)fluoranthene	15.19	252	1263246	50.35	ng	# 96
88) Benzo(k)fluoranthene	15.23	252	851786m	39.20	ng	
89) Benzo(a)pyrene	15.57	252	991939	47.01	ng	# 97
90) Dibenzo(a,h)anthracene	17.12	278	865572	45.54	ng	98
91) Benzo(g,h,i)perylene	17.56	276	859589	44.48	ng	99

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

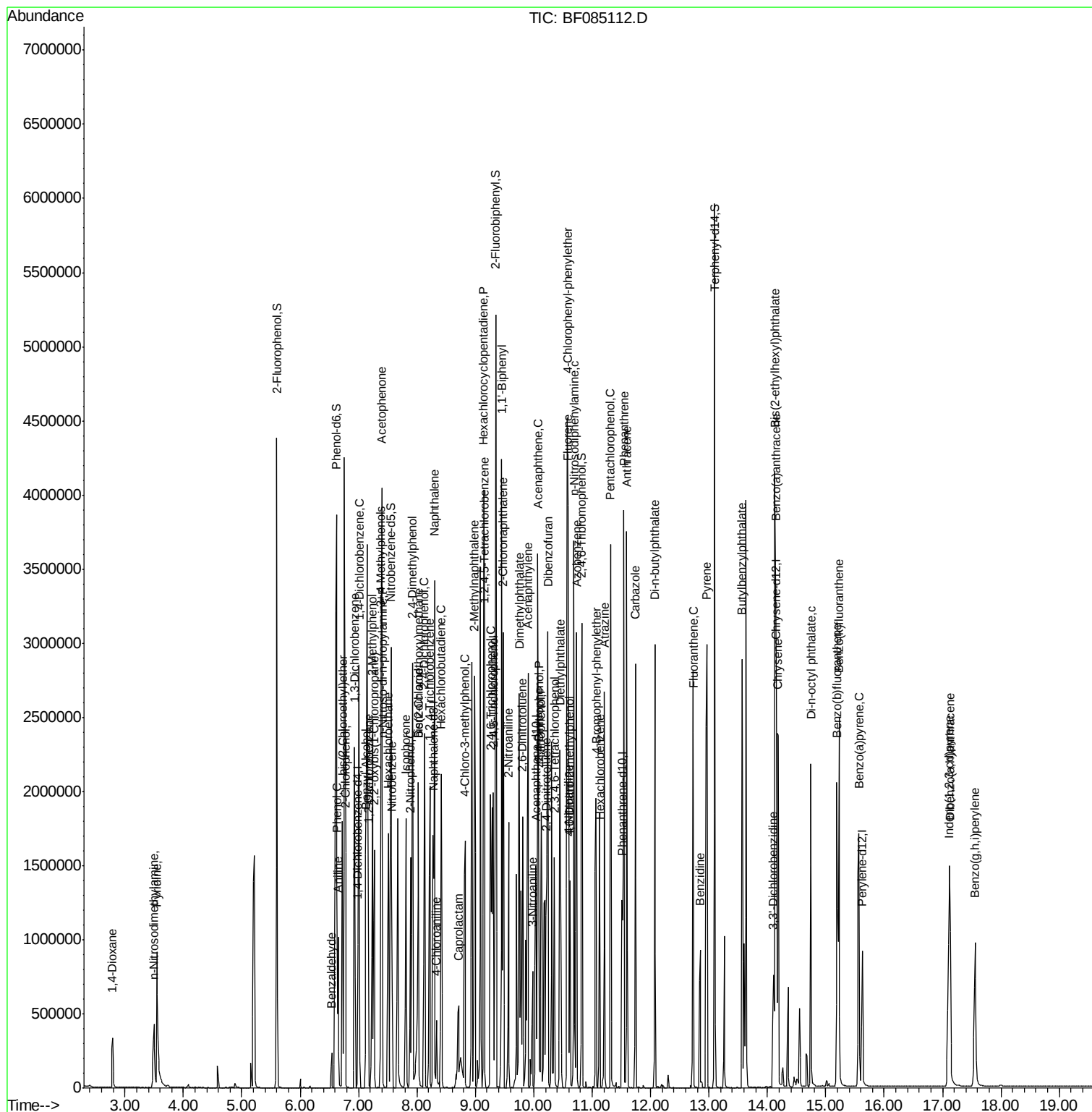
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Operator  : SJ/IZ  
Sample    : PB88627BS  
Misc      :  
ALS Vial  : 8 Sample Multiplier: 1
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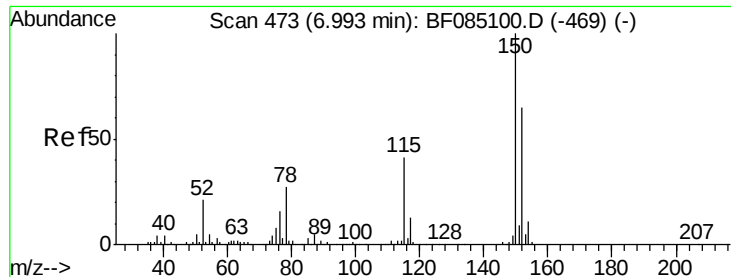
Instrument :
BNA_F
ClientSampleId :
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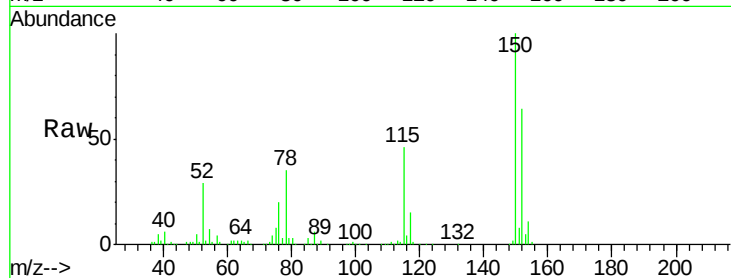




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

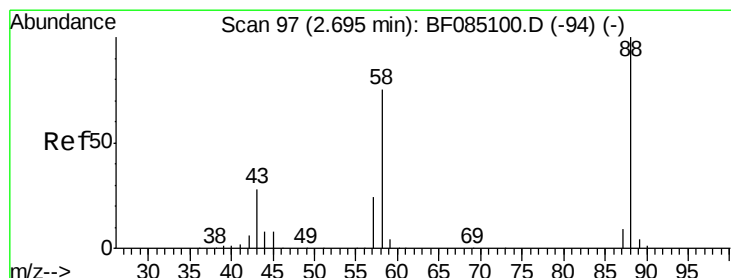
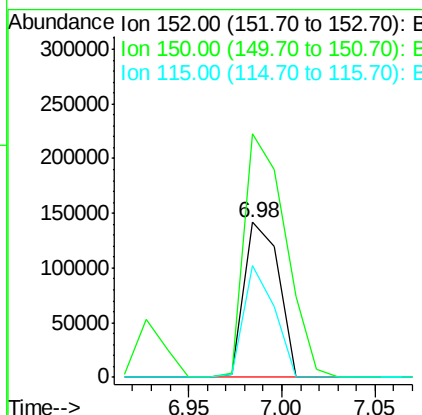
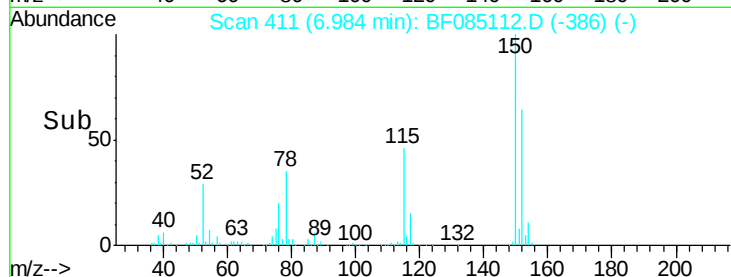
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.4	185.0
115	72.5	50.0	75.0

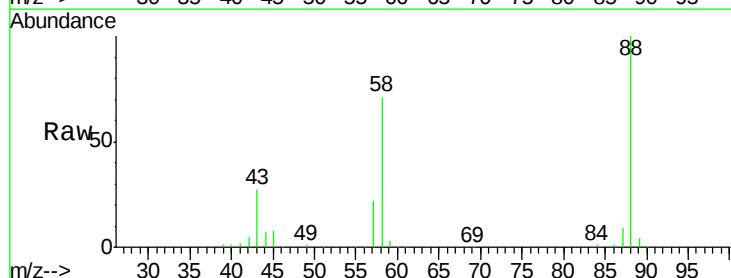
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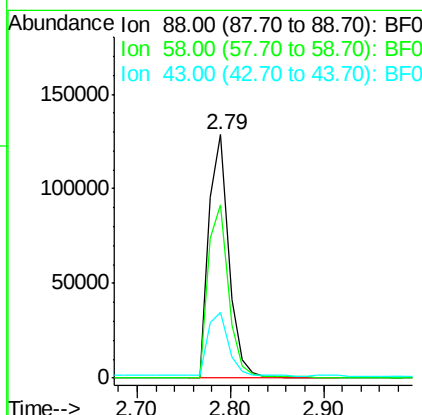
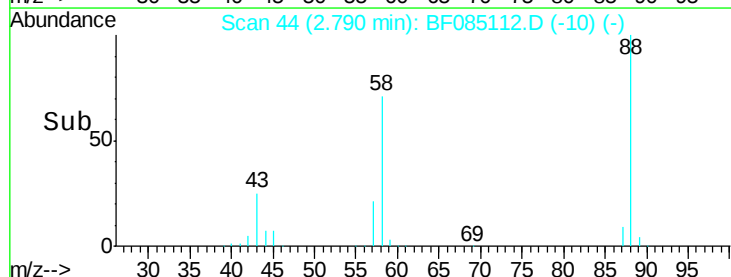


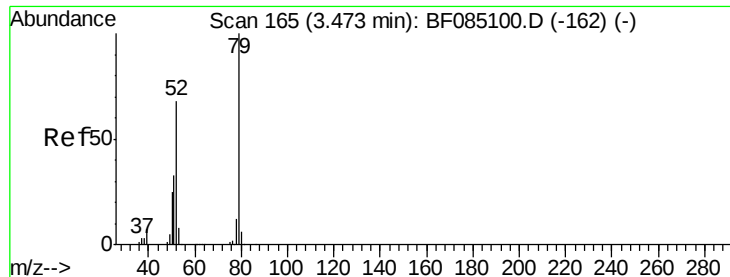
#2

1,4-Dioxane
Concen: 34.75 ng
RT: 2.79 min Scan# 44
Delta R.T. 0.09 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51



Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.7	58.4	87.6
43	27.4	22.2	33.4





#3

Pyridine

Concen: 42.40 ng

RT: 3.54 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

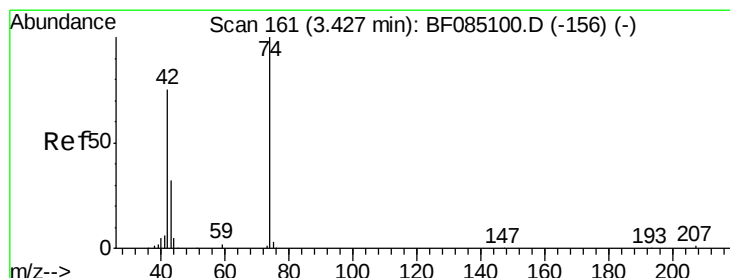
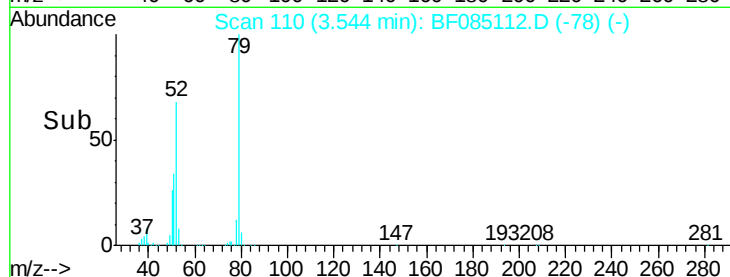
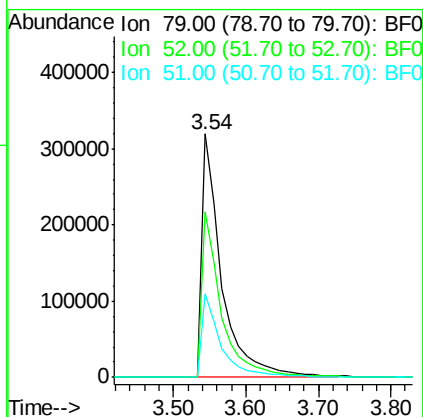
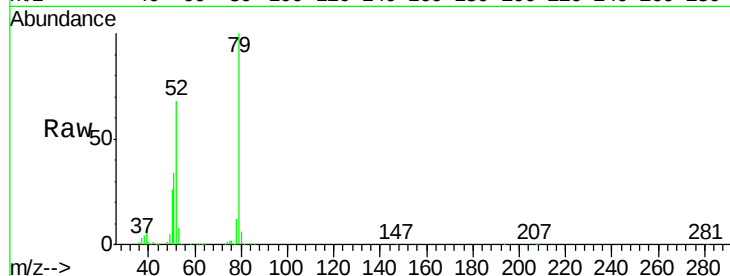
ClientSampleId :

PB88627BS

Tgt Ion:	79	Resp:	604249
Ion Ratio	Lower	Upper	
79	100		
52	68.1	54.1	81.1
51	34.1	26.6	40.0

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#4

n-Nitrosodimethylamine

Concen: 41.96 ng

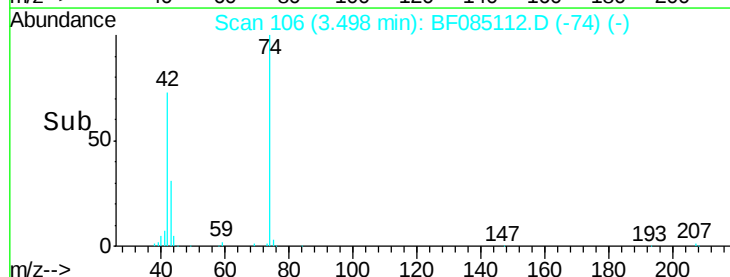
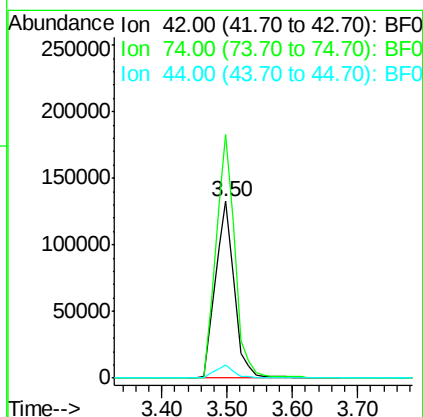
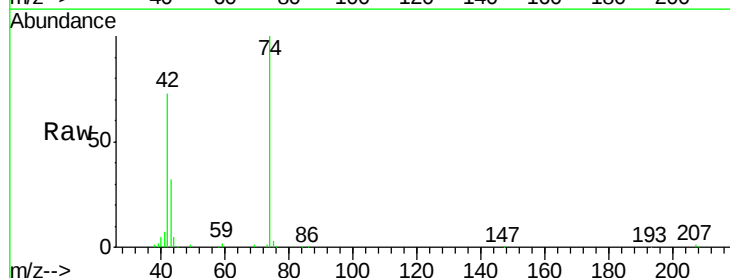
RT: 3.50 min Scan# 106

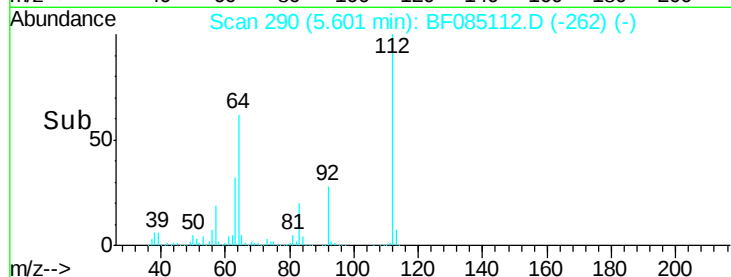
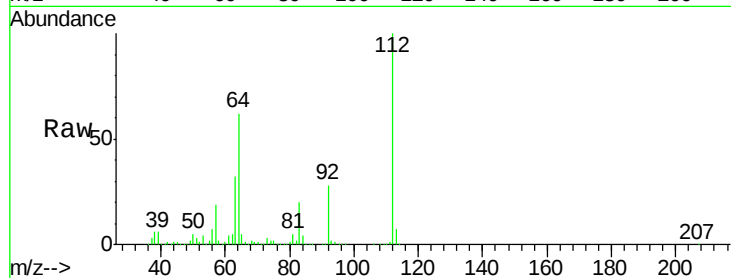
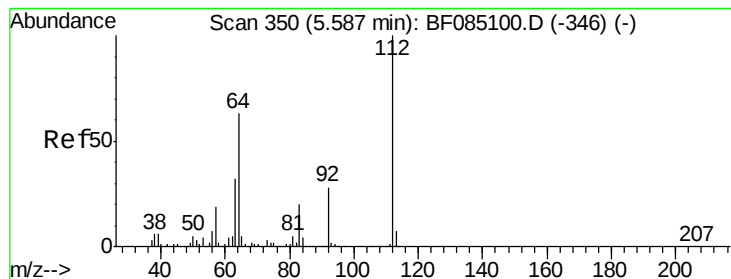
Delta R.T. 0.07 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Tgt Ion:	42	Resp:	272129
Ion Ratio	Lower	Upper	
42	100		
74	137.8	106.6	160.0
44	7.2	5.4	8.2





#5

2-Fluorophenol

Concen: 114.82 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Tgt Ion:	112	Resp:	1286630
Ion	Ratio	Lower	Upper
112	100		
64	61.9	50.6	76.0
63	31.6	25.5	38.3

Instrument :

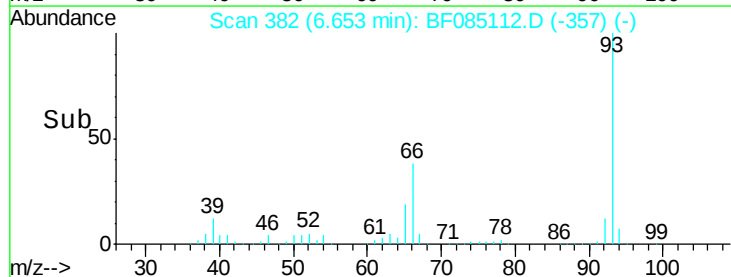
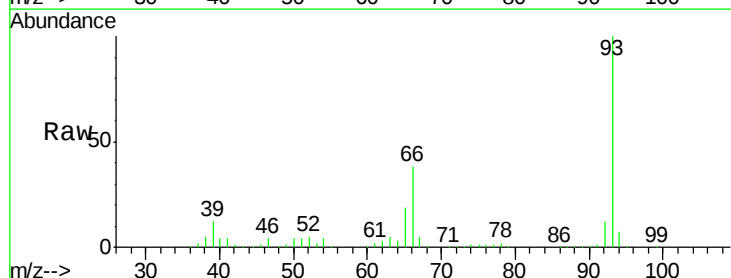
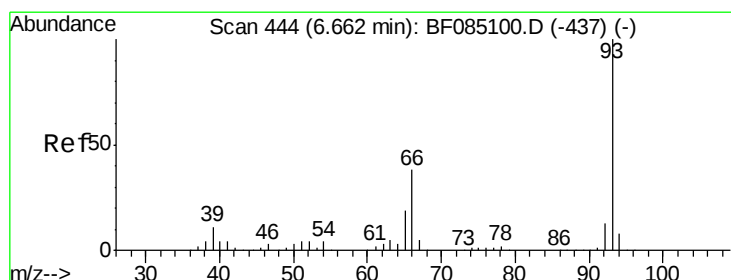
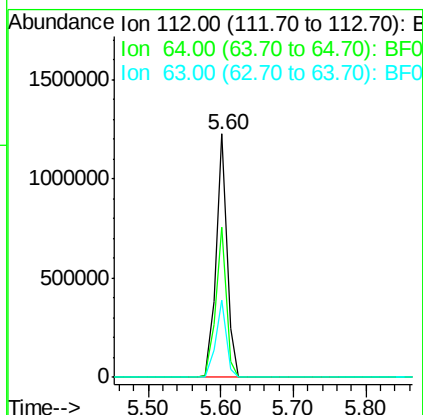
BNA_F

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#6

Aniline

Concen: 23.47 ng

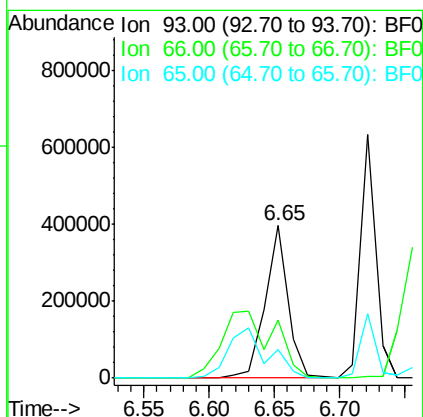
RT: 6.65 min Scan# 382

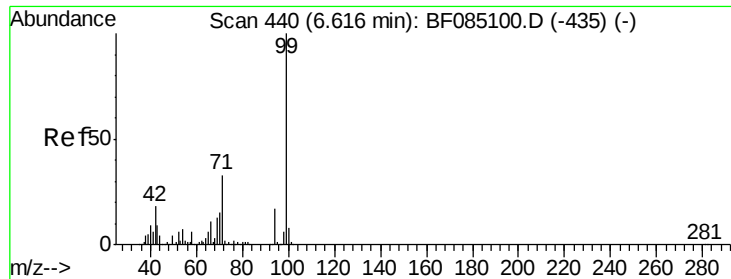
Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Tgt Ion:	93	Resp:	489279
Ion	Ratio	Lower	Upper
93	100		
66	38.3	30.1	45.1
65	18.9	15.0	22.6





#7

Phenol-d6

Concen: 129.76 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085112.D

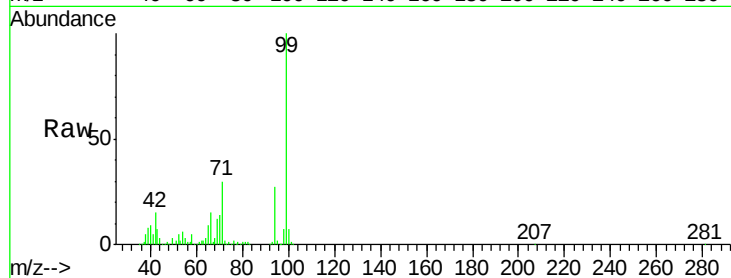
Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

PB88627BS



Tgt Ion: 99 Resp: 1906264

Ion Ratio Lower Upper

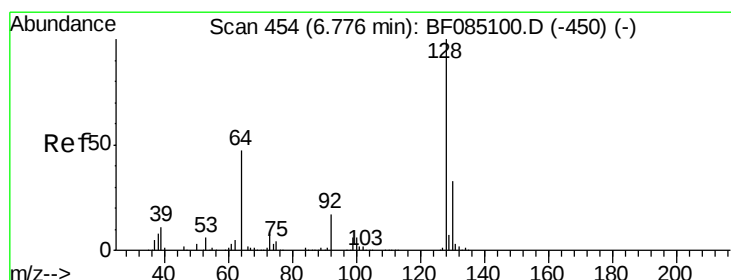
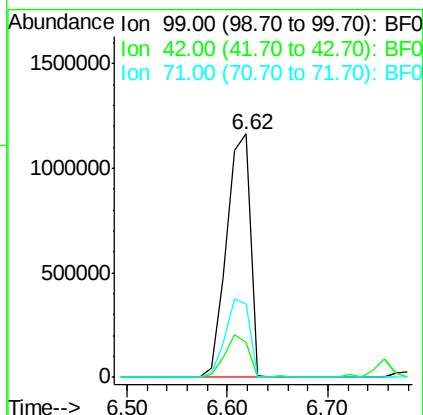
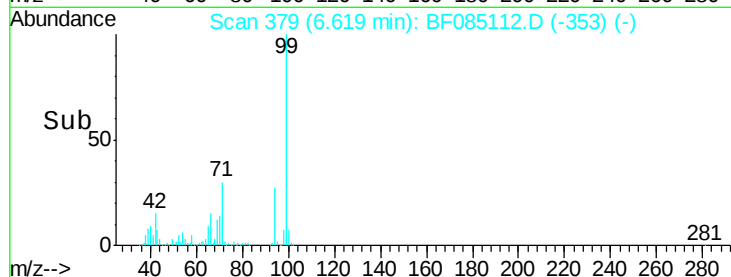
99 100

42 14.6 14.1 21.1

71 29.9 26.8 40.2

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#8

2-Chlorophenol

Concen: 43.88 ng

RT: 6.78 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

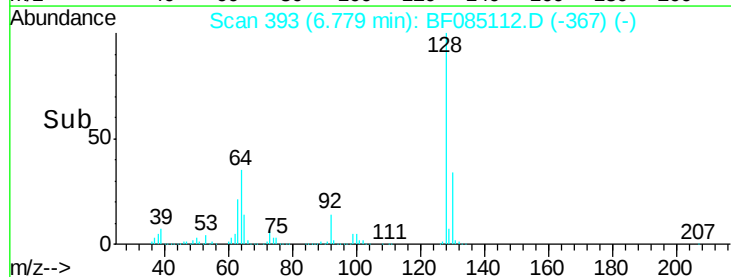
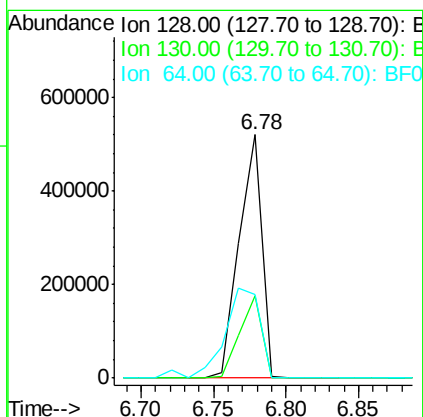
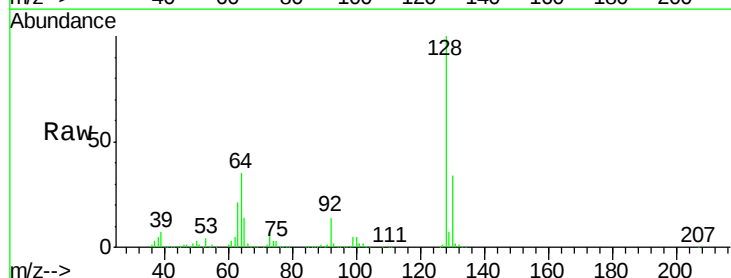
Tgt Ion: 128 Resp: 566696

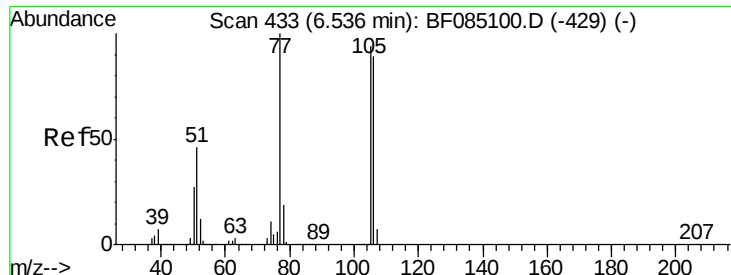
Ion Ratio Lower Upper

128 100

130 33.6 13.1 53.1

64 34.6 29.6 69.6





#9

Benzaldehyde

Concen: 5.11 ng

RT: 6.54 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF085112.D

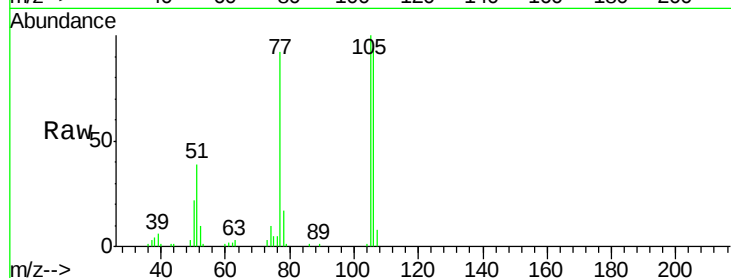
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Instrument :

BNA_F

ClientSampleId :

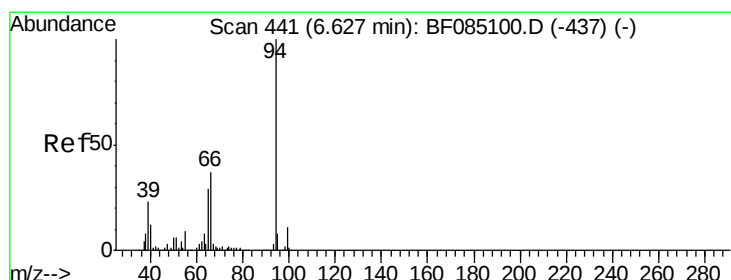
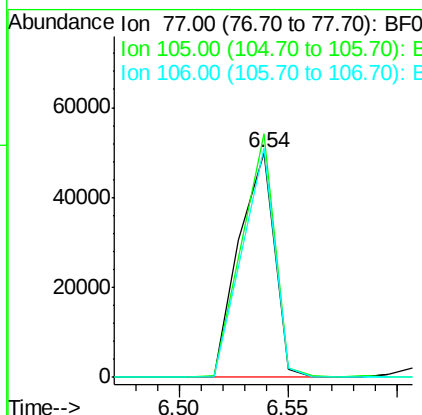
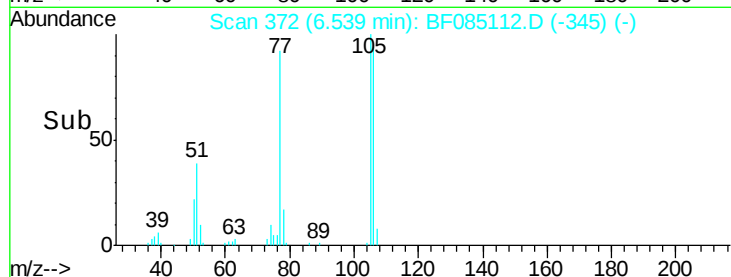
PB88627BS



Tgt Ion:	77	Resp:	56465
Ion	Ratio	Lower	Upper
77	100		
105	108.4	73.7	113.7
106	102.4	69.2	109.2

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#10

Phenol

Concen: 43.10 ng

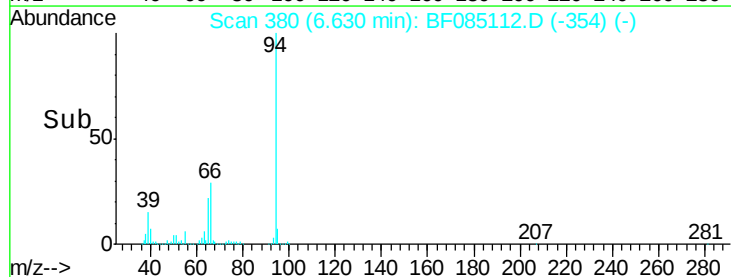
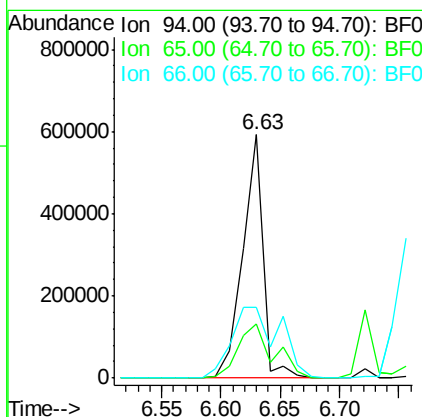
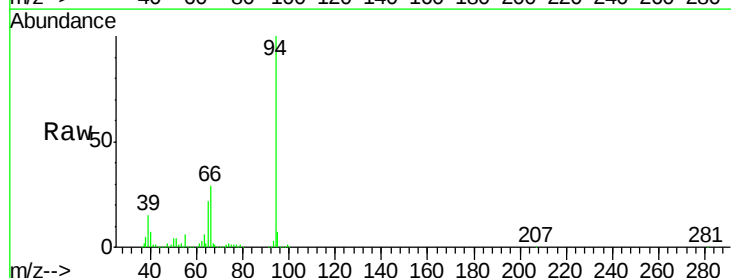
RT: 6.63 min Scan# 380

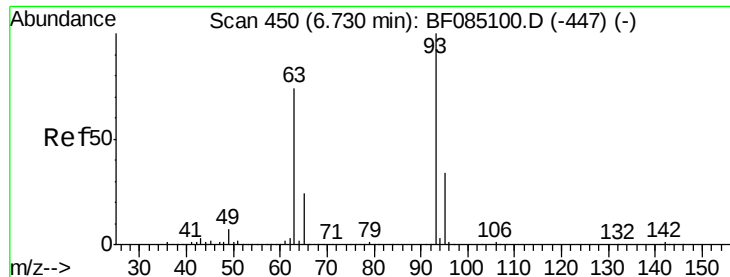
Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Tgt Ion:	94	Resp:	708410
Ion	Ratio	Lower	Upper
94	100		
65	22.4	9.1	49.1
66	29.2	17.5	57.5





#11

bis(2-Chloroethyl)ether

Concen: 39.27 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

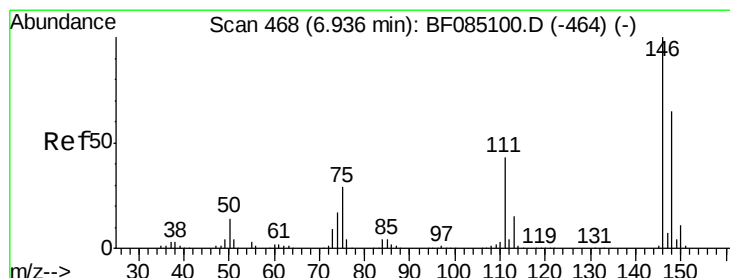
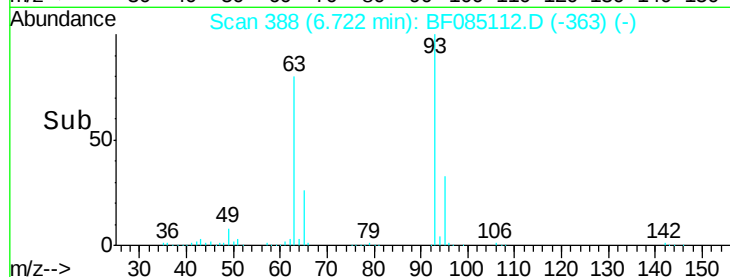
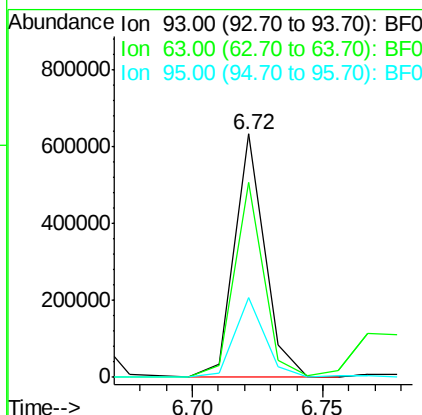
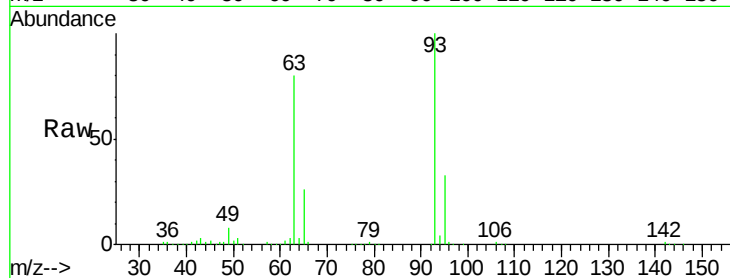
ClientSampleId :

PB88627BS

Tgt Ion:	93	Resp:	511679
Ion	Ratio	Lower	Upper
93	100		
63	80.0	53.9	93.9
95	32.7	13.8	53.8

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#12

1,3-Dichlorobenzene

Concen: 39.36 ng m

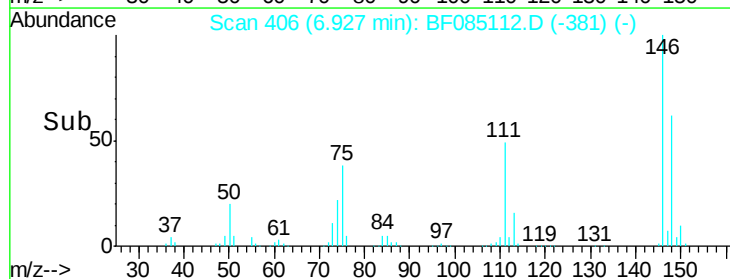
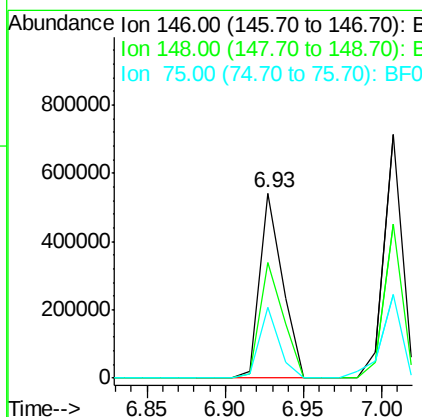
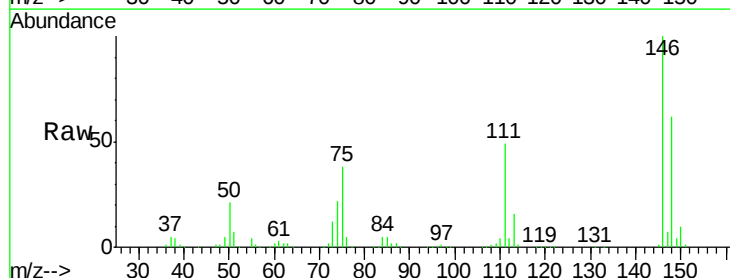
RT: 6.93 min Scan# 406

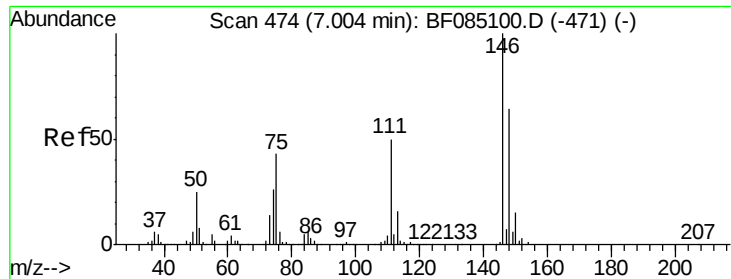
Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Tgt Ion:	146	Resp:	546083
Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.9	77.9
75	38.1	23.3	34.9#





#13

1,4-Dichlorobenzene

Concen: 41.28 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

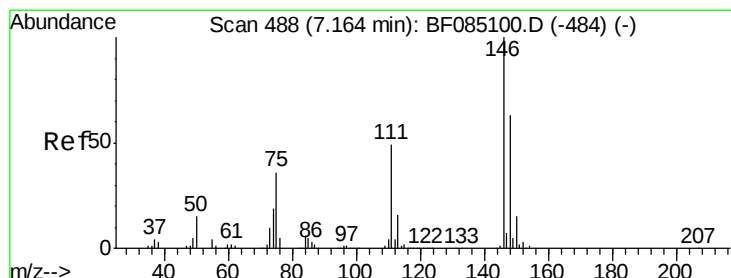
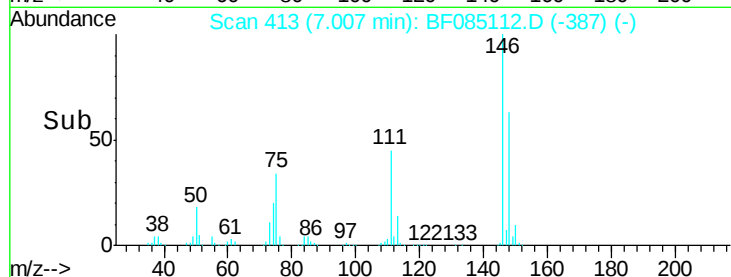
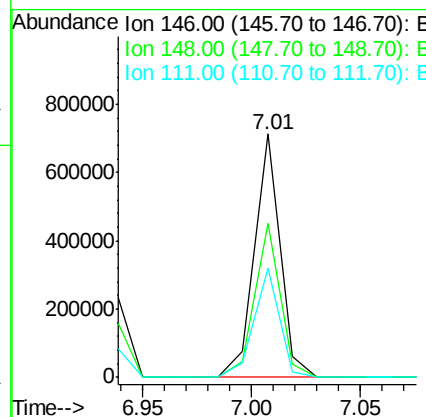
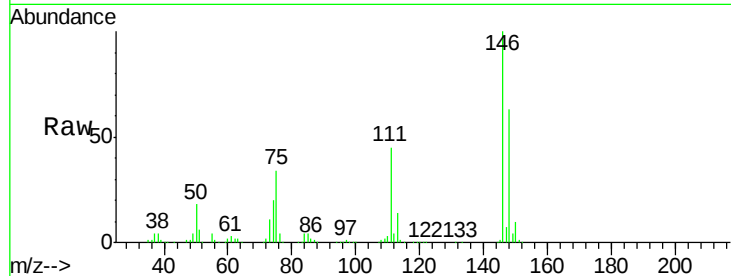
ClientSampleId :

PB88627BS

Tgt Ion:	146	Resp:	583765
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.1	76.7
111	44.9	40.0	60.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.94 ng m

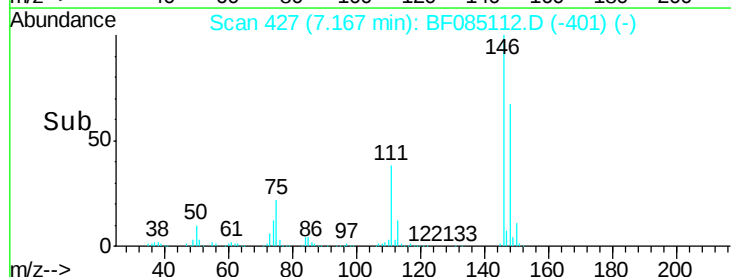
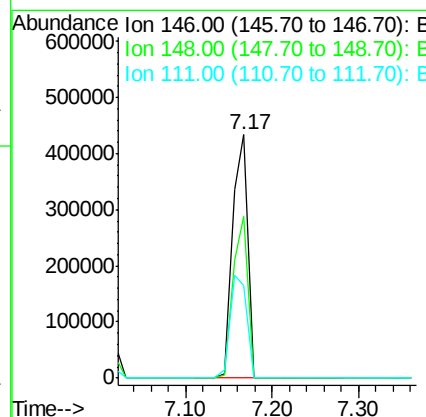
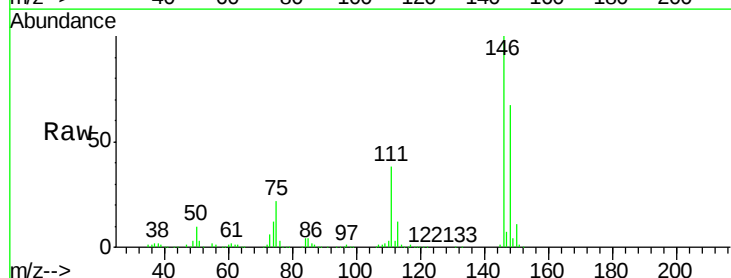
RT: 7.17 min Scan# 427

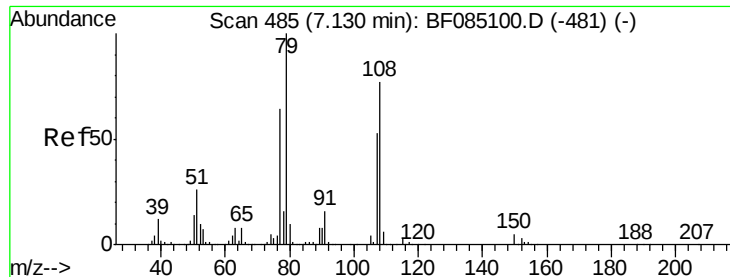
Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Tgt Ion:	146	Resp:	534522
Ion Ratio	Lower	Upper	
146	100		
148	66.6	50.5	75.7
111	38.3	38.9	58.3#





#15

Benzyl Alcohol

Concen: 48.04 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

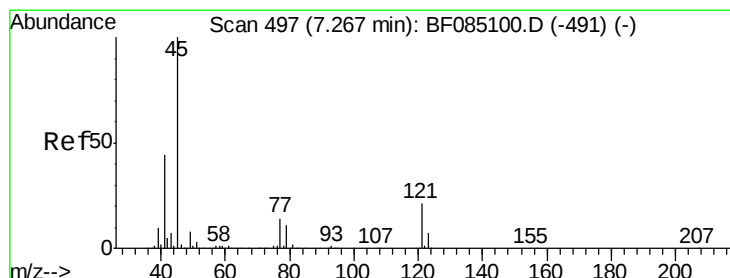
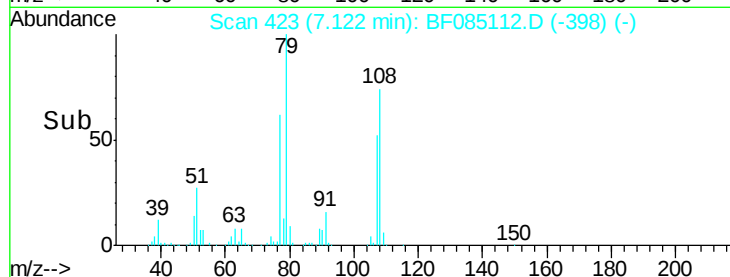
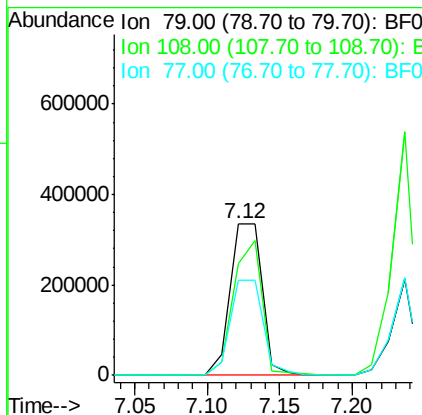
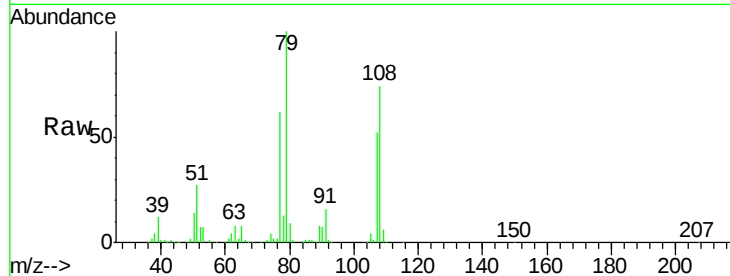
ClientSampleId :

PB88627BS

Tgt Ion:	79	Resp:	514405
Ion Ratio	Lower	Upper	
79	100		
108	73.9	61.8	92.6
77	62.5	51.2	76.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.92 ng

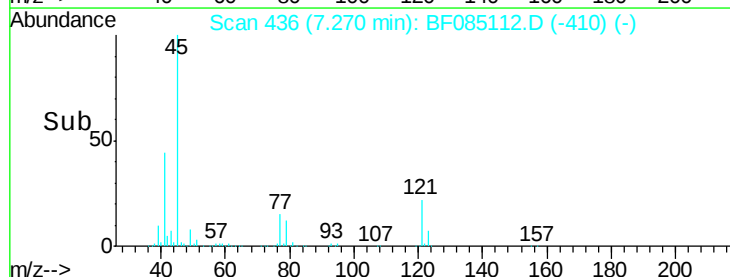
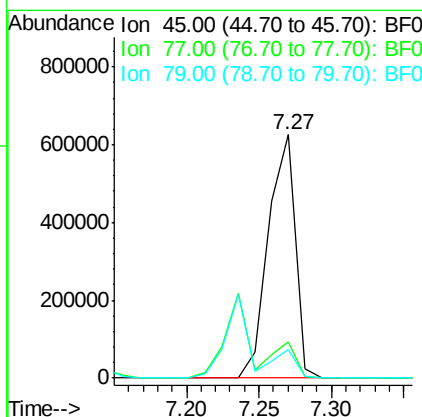
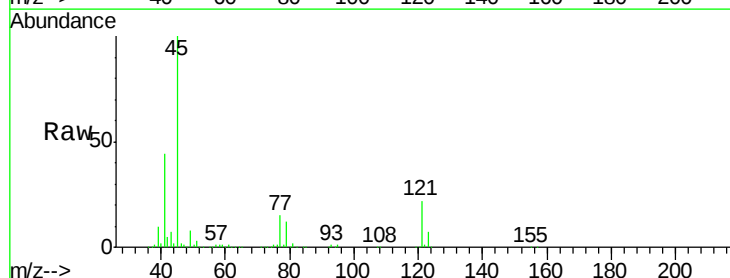
RT: 7.27 min Scan# 436

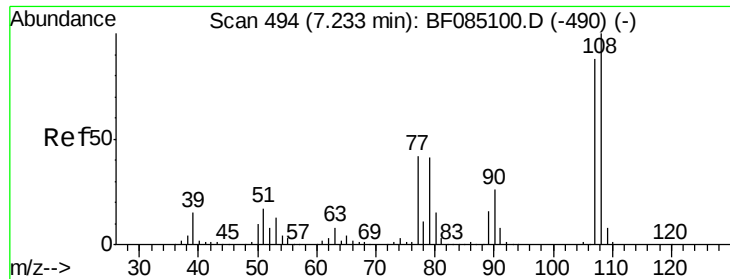
Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Tgt Ion:	45	Resp:	804925
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	34.4
79	11.7	0.0	31.1





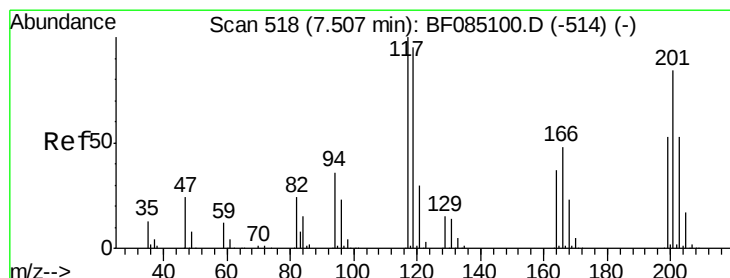
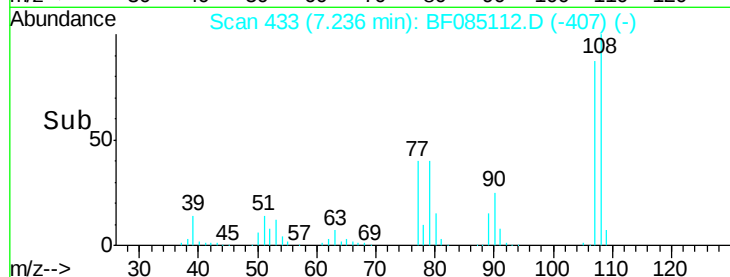
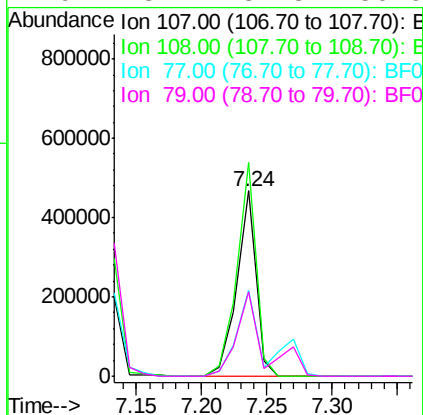
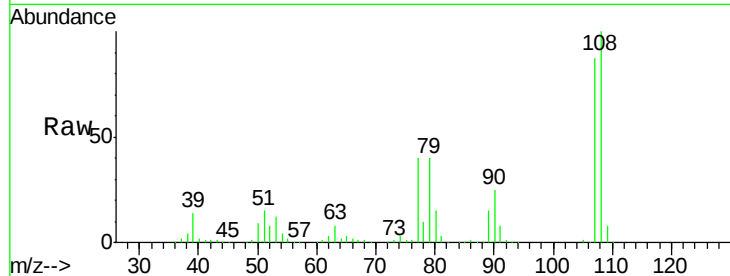
#17
2-Methylphenol
Concen: 43.73 ng
RT: 7.24 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :
PB88627BS

Tgt Ion:	107	Resp:	473269
Ion Ratio	Lower	Upper	
107	100		
108	115.2	91.4	137.2
77	46.5	38.7	58.1
79	45.7	37.8	56.6

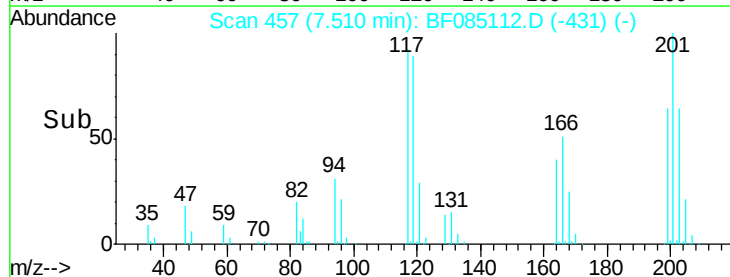
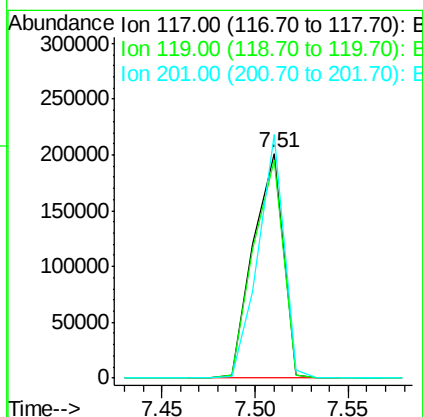
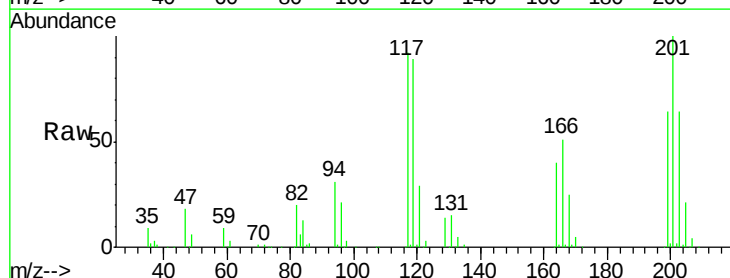
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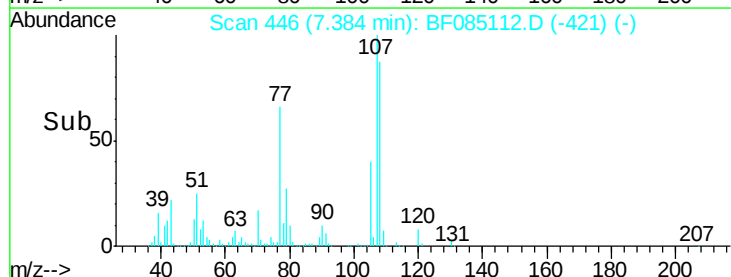
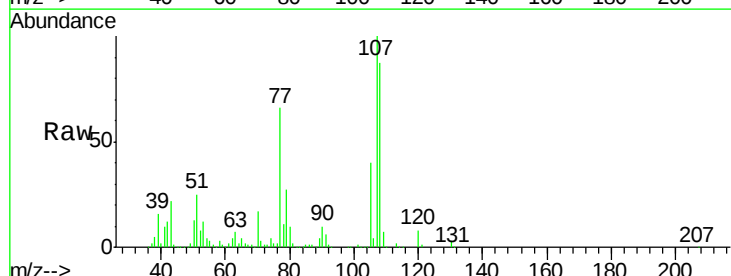
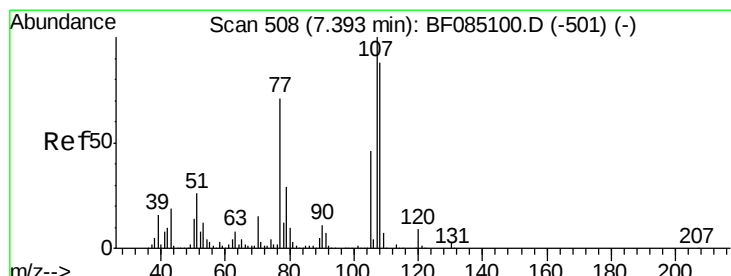
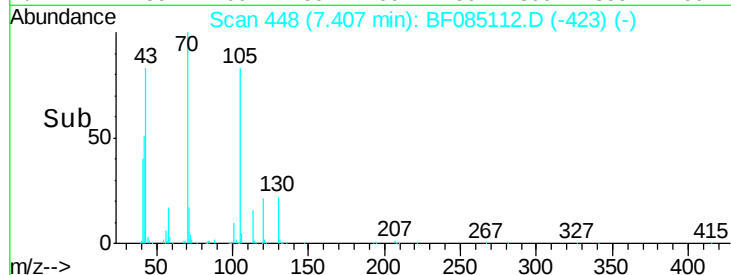
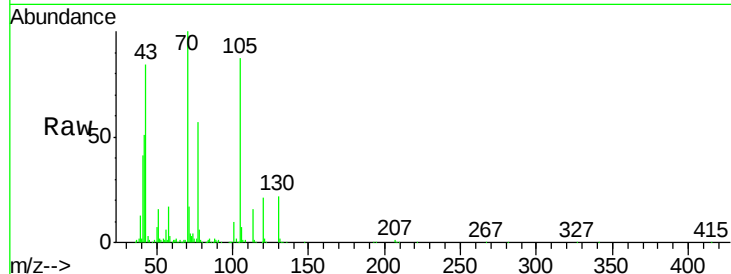
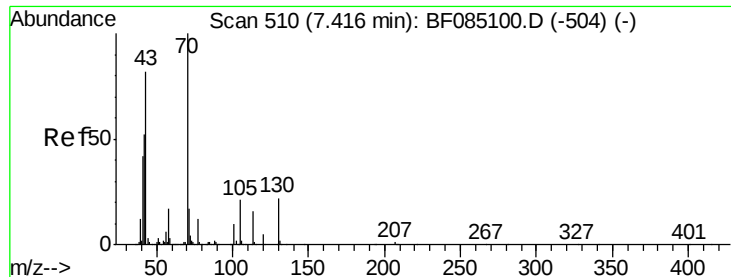
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#18
Hexachloroethane
Concen: 42.95 ng
RT: 7.51 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion:	117	Resp:	224481
Ion Ratio	Lower	Upper	
117	100		
119	97.0	76.2	114.4
201	108.4	66.8	100.2#





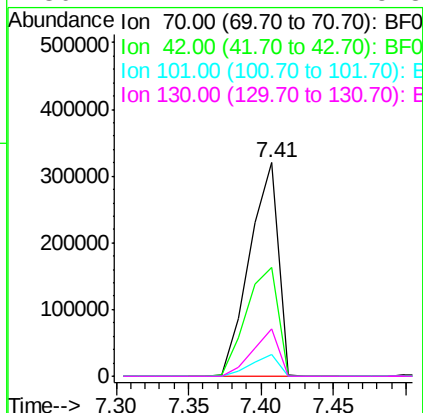
#19
n-Nitroso-di-n-propylamine
Concen: 45.41 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :
PB88627BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.2	41.9	62.9
101	9.9	7.8	11.8
130	22.1	17.2	25.8

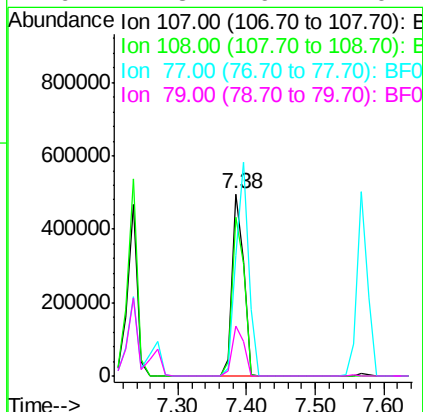
Manual Integrations
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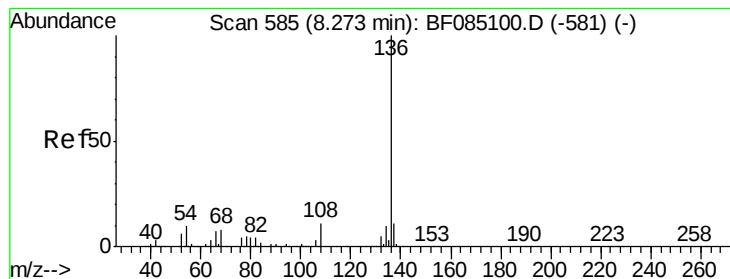
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#20
3+4-Methylphenols
Concen: 46.08 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	67.8	107.8
77	66.0	50.6	90.6
79	27.3	9.1	49.1





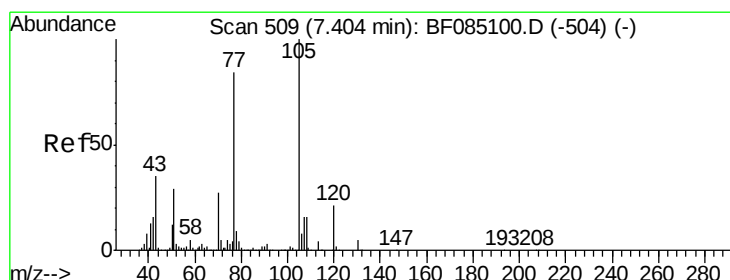
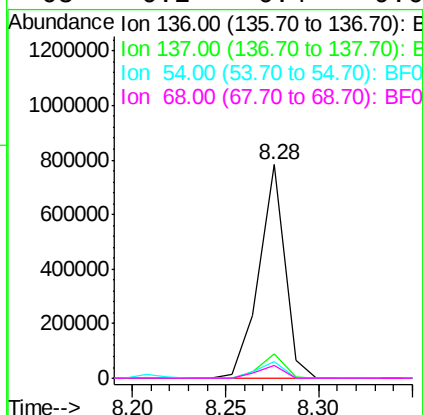
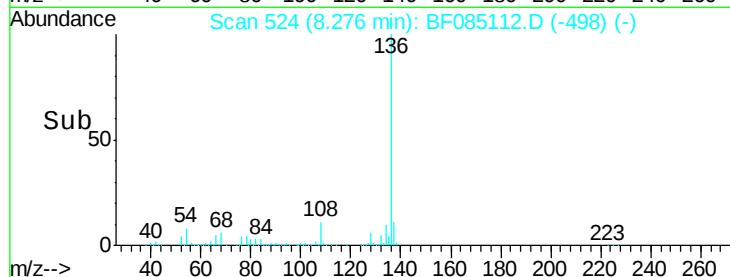
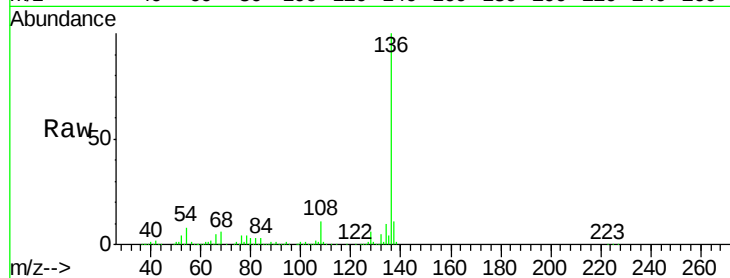
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :
PB88627BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.1	8.5	12.7
68	6.2	6.4	9.6

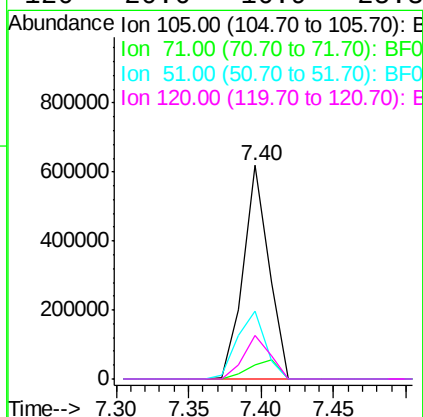
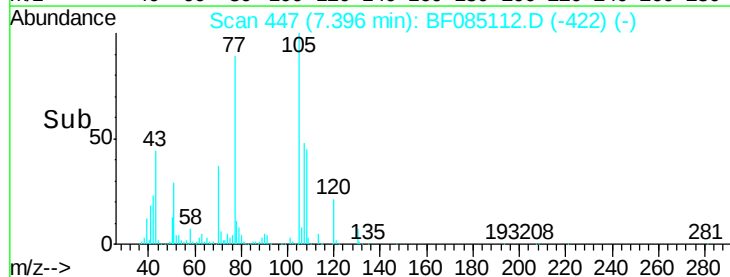
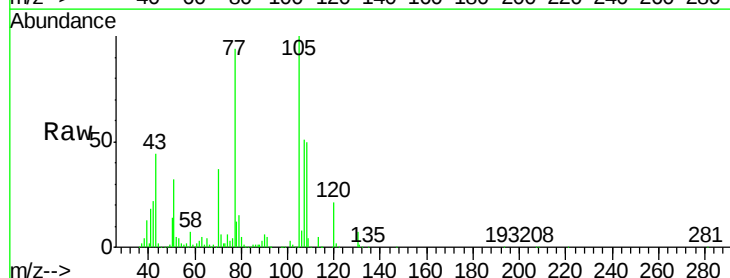
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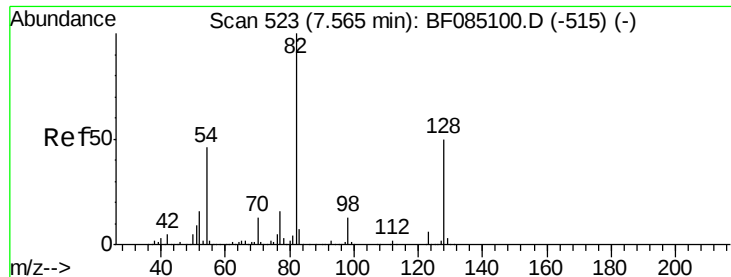
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#22
Acetophenone
Concen: 40.20 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.3	3.8	5.6
51	31.5	22.9	34.3
120	20.6	16.9	25.3





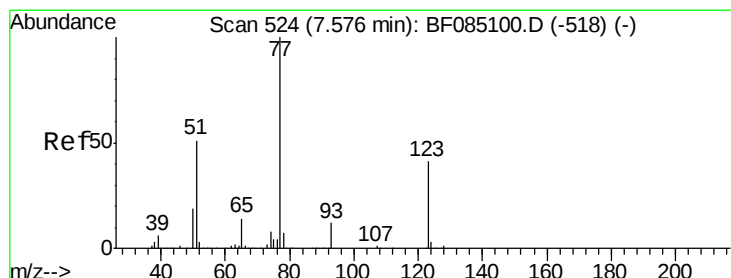
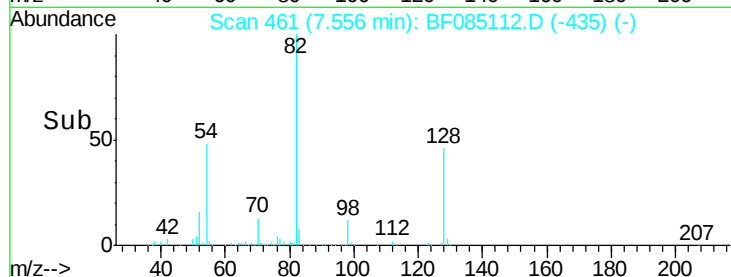
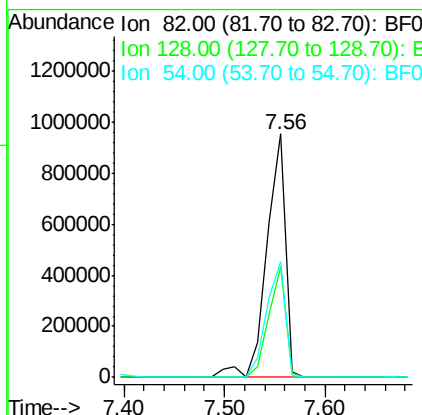
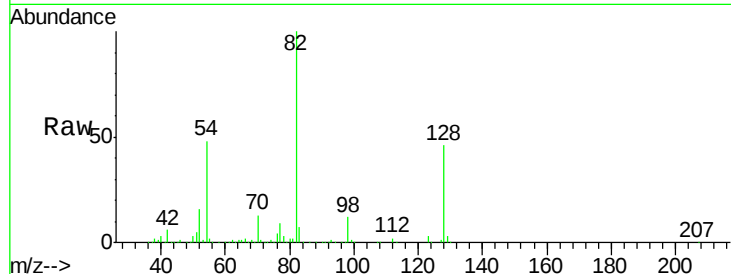
#23
 Nitrobenzene-d5
 Concen: 87.74 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB88627BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	39.8	59.6
54	47.7	36.6	54.8

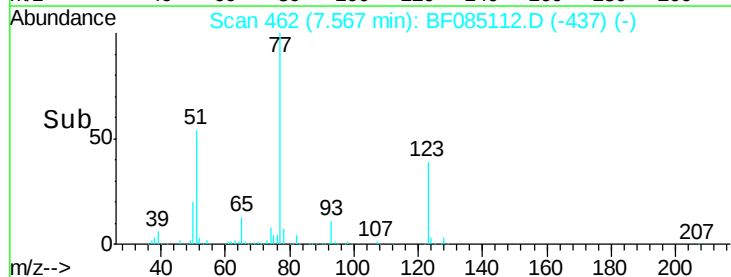
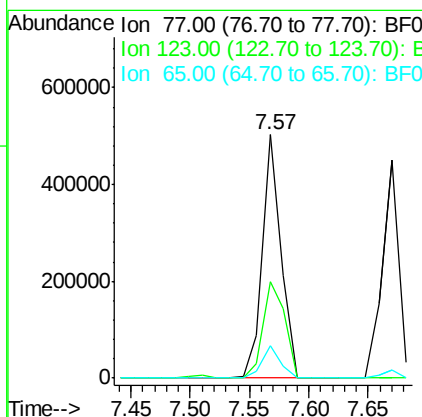
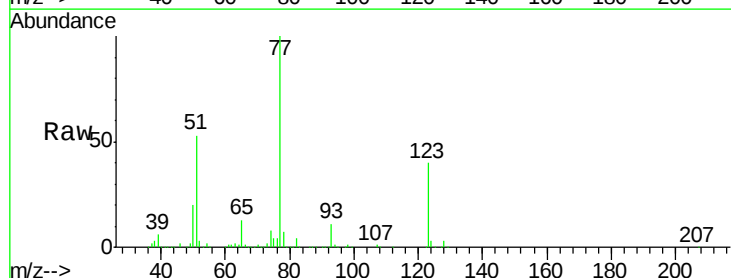
Manual Integrations
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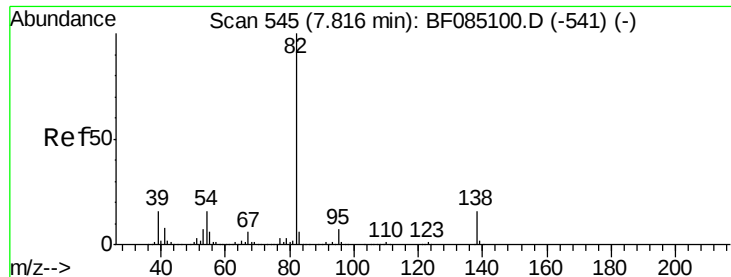
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#24
 Nitrobenzene
 Concen: 38.17 ng
 RT: 7.57 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.8	33.4	50.2
65	13.3	10.9	16.3





#25

Isophorone

Concen: 41.36 ng

RT: 7.81 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

PB88627BS

Tgt Ion: 82 Resp: 1113150

Ion Ratio Lower Upper

82 100

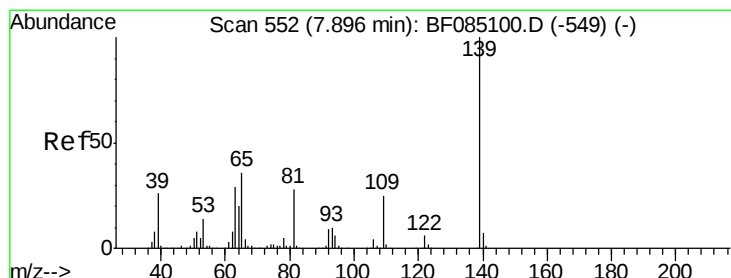
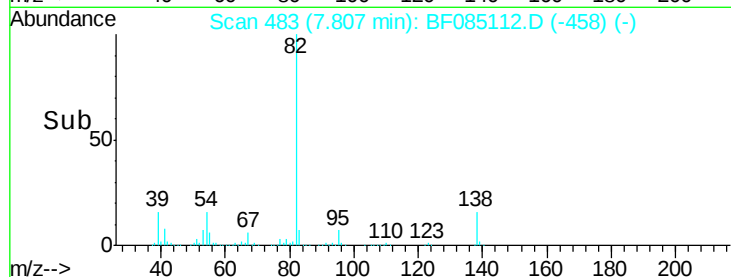
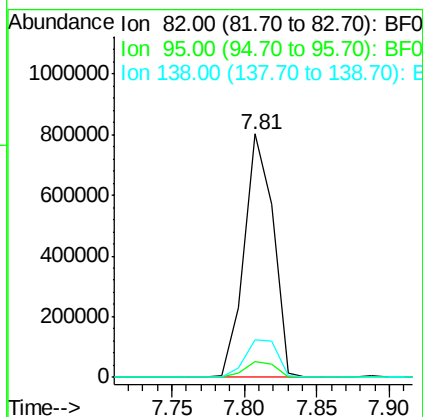
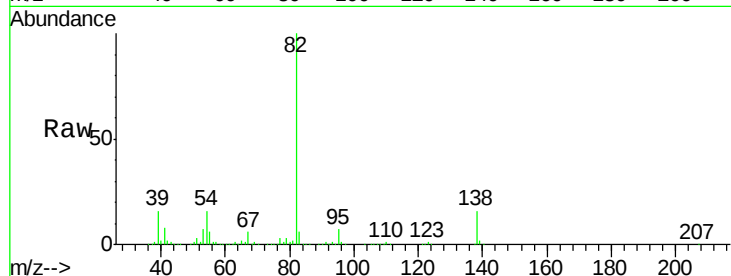
95 6.7 5.6 8.4

138 15.6 12.6 18.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.16 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

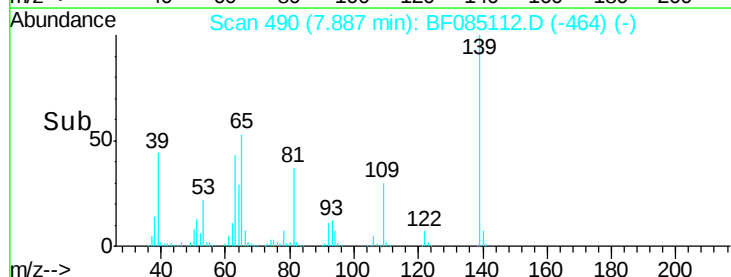
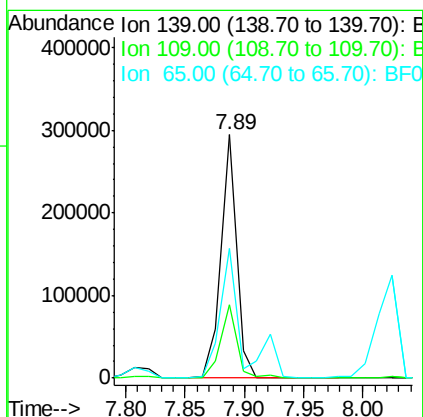
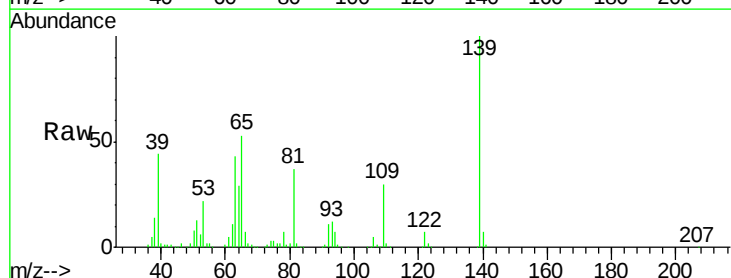
Tgt Ion: 139 Resp: 268643

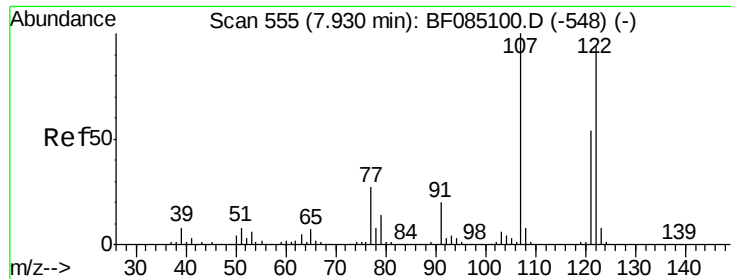
Ion Ratio Lower Upper

139 100

109 30.2 20.4 30.6

65 53.5 29.2 43.8#





#27

2,4-Dimethylphenol

Concen: 44.23 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF085112.D

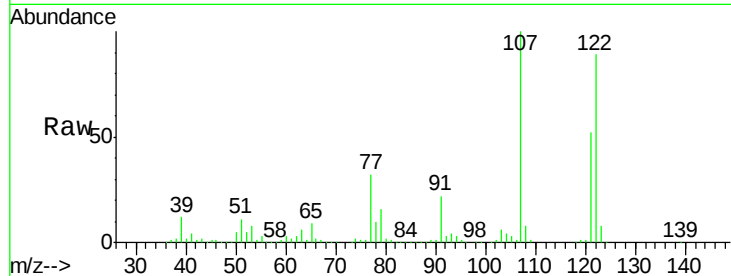
Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

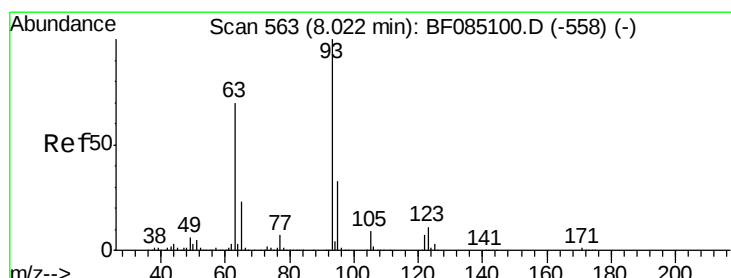
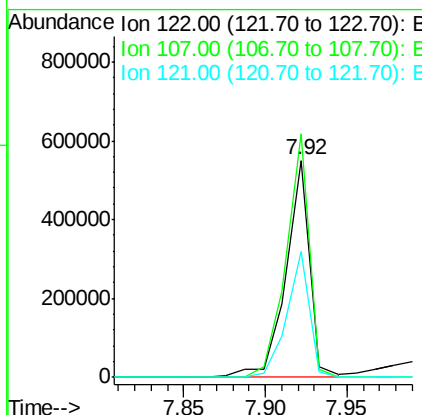
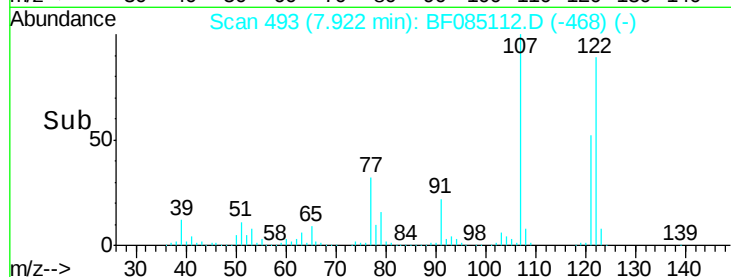
PB88627BS



Tgt Ion:	122	Resp:	559450
Ion Ratio	Lower	Upper	
122	100		
107	112.2	85.0	127.4
121	58.3	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 48.55 ng

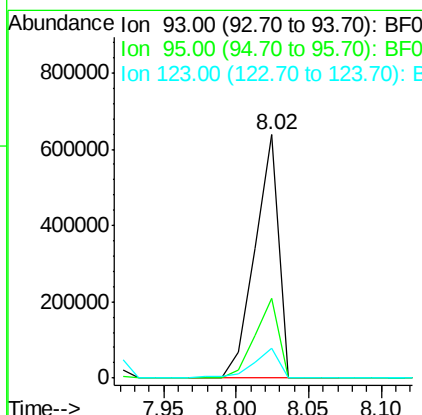
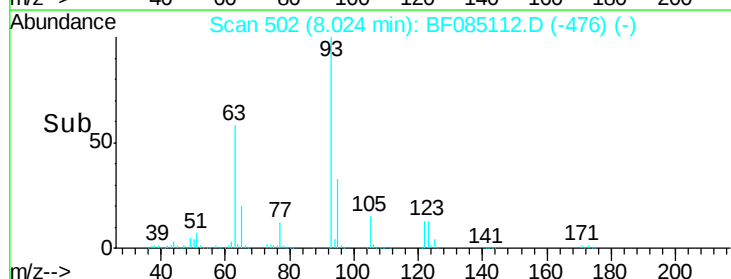
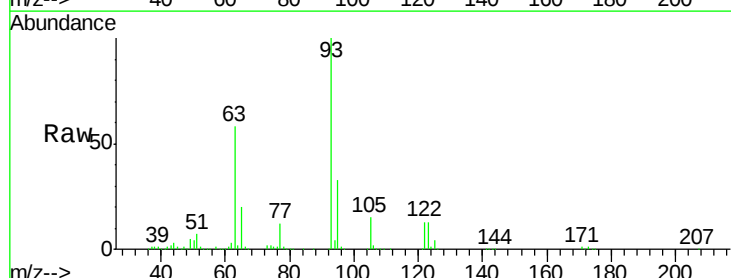
RT: 8.02 min Scan# 502

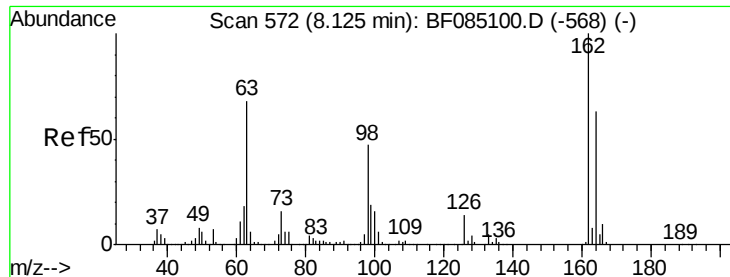
Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Tgt Ion:	93	Resp:	720600
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.2	39.4
123	12.5	8.8	13.2





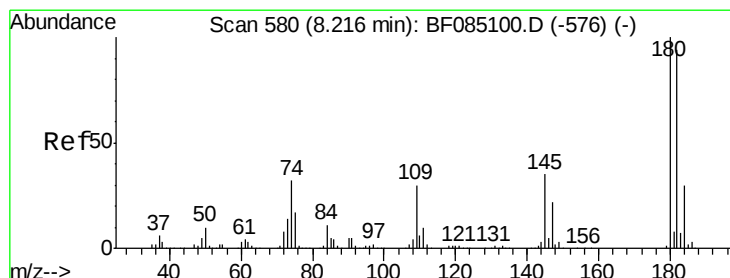
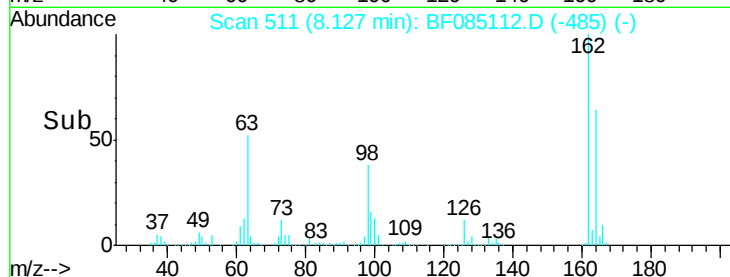
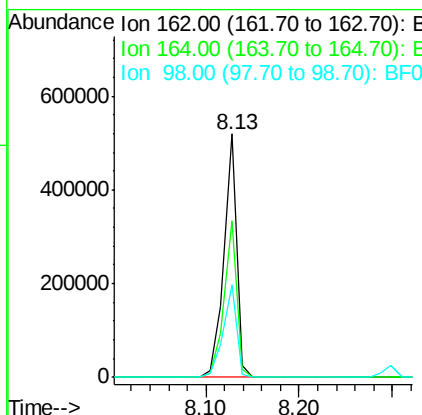
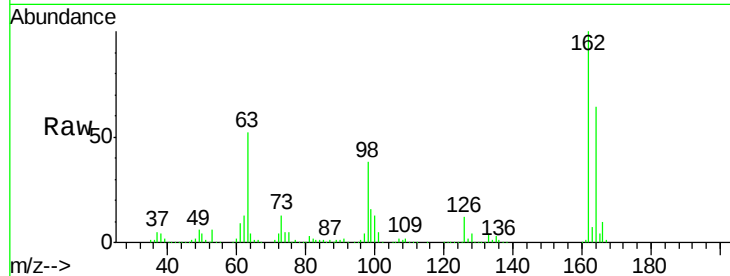
#29
2,4-Dichlorophenol
Concen: 47.07 ng
RT: 8.13 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :
PB88627BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	489882		
164	64.1	42.9	82.9	
98	38.2	26.9	66.9	

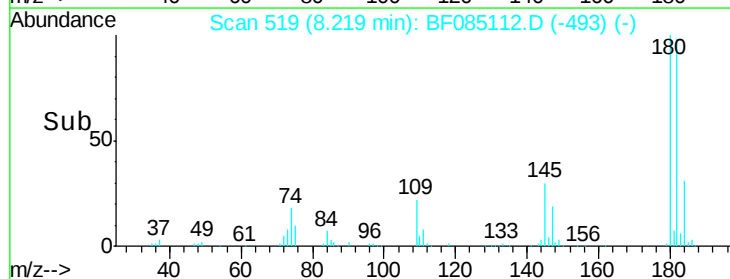
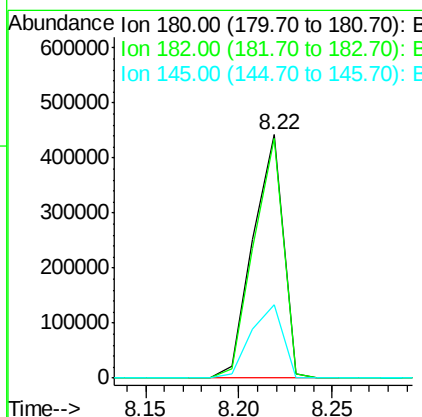
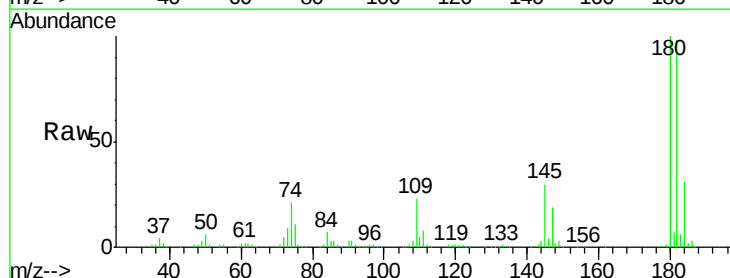
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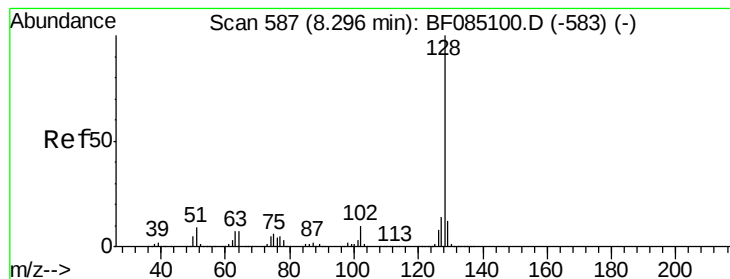
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#30
1,2,4-Trichlorobenzene
Concen: 43.66 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	495342		
182	98.3	75.4	113.0	
145	30.1	27.8	41.8	





#31

Naphthalene

Concen: 43.24 ng

RT: 8.30 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF085112.D

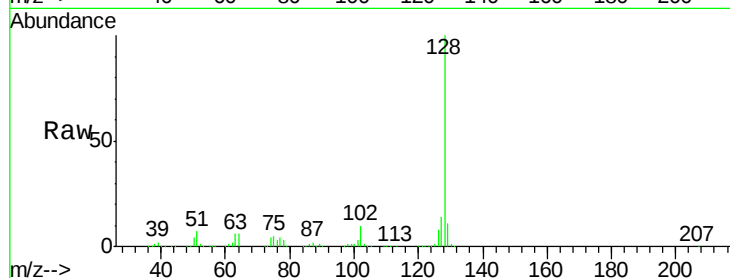
Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

PB88627BS



Tgt Ion:128 Resp: 1637112

Ion Ratio Lower Upper

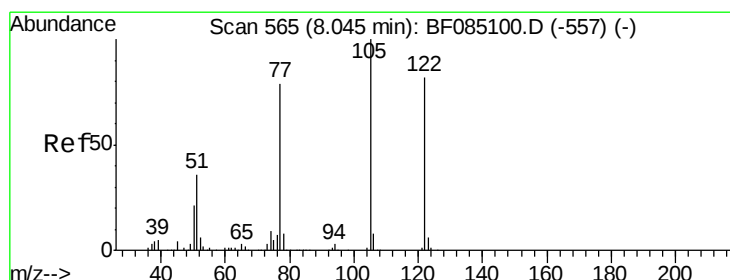
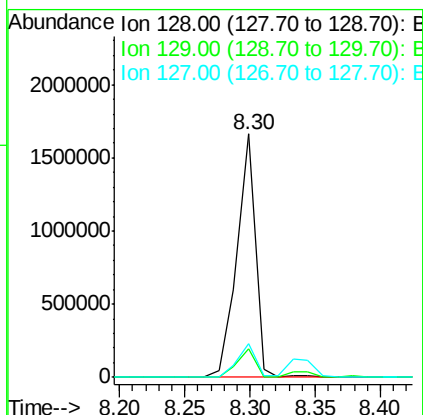
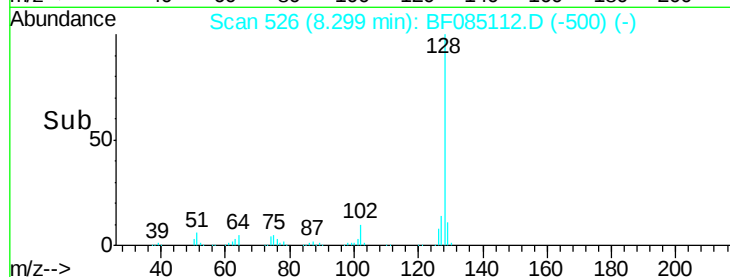
128 100

129 11.5 9.7 14.5

127 13.8 11.1 16.7

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#32

Benzoic acid

Concen: 34.77 ng

RT: 8.02 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

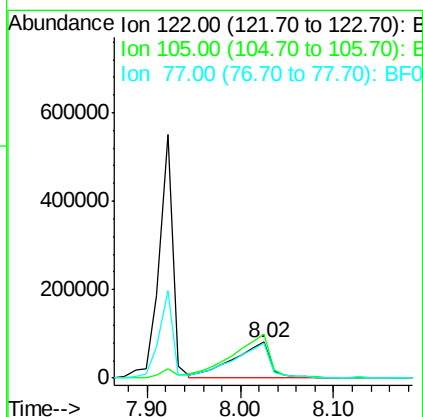
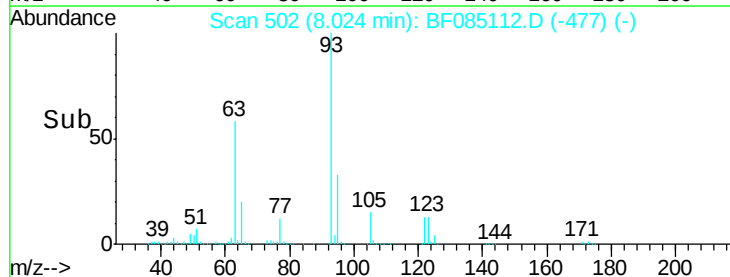
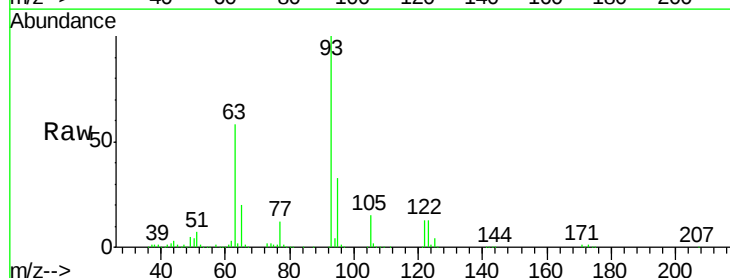
Tgt Ion:122 Resp: 221178

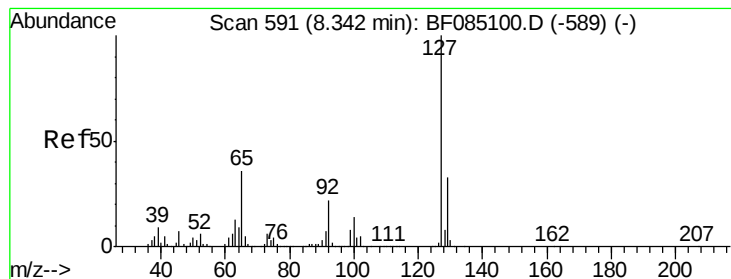
Ion Ratio Lower Upper

122 100

105 121.5 102.0 142.0

77 98.3 76.8 116.8





#33

4-Chloroaniline

Concen: 11.91 ng

RT: 8.33 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF085112.D

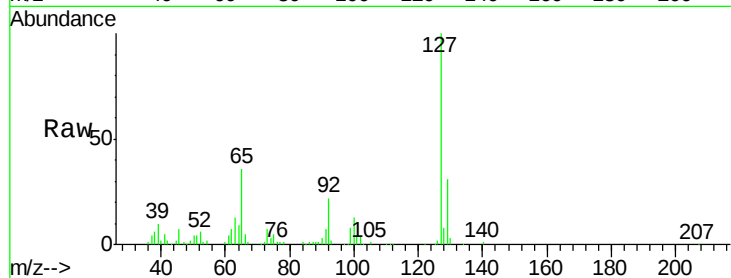
Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

PB88627BS



Tgt Ion:127 Resp: 178183

Ion Ratio Lower Upper

127 100

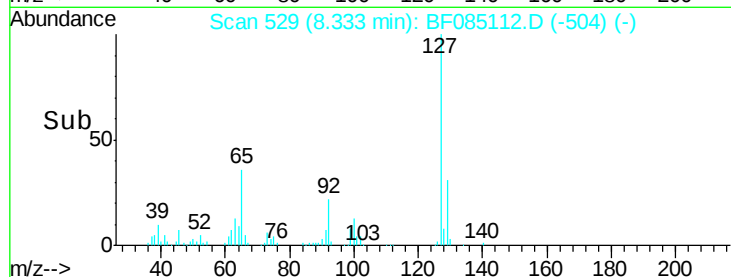
129 31.4 26.3 39.5

65 36.4 28.6 43.0

92 21.6 17.8 26.8

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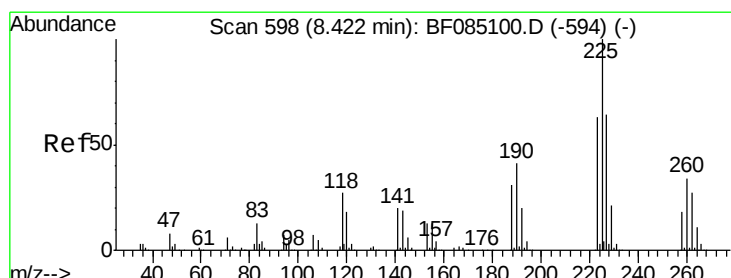
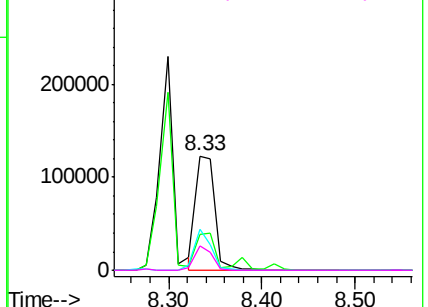


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.56 ng

RT: 8.41 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

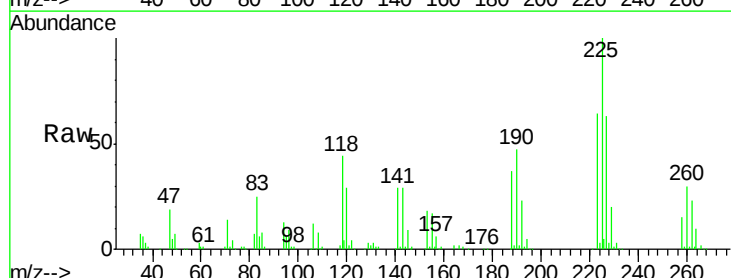
Tgt Ion:225 Resp: 266931

Ion Ratio Lower Upper

225 100

223 64.3 50.4 75.6

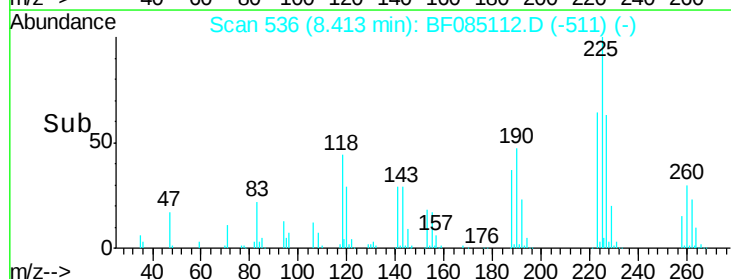
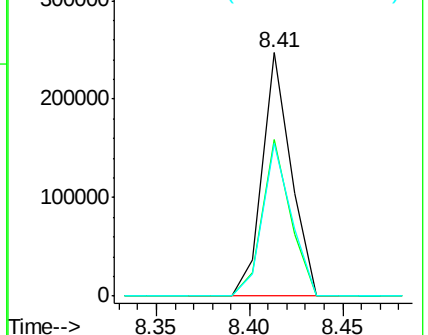
227 62.9 51.6 77.4

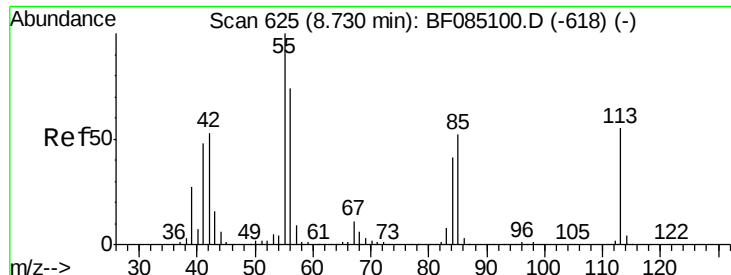


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





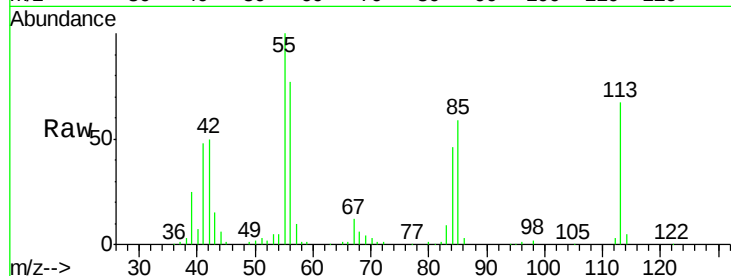
#35
 Caprolactam
 Concen: 47.75 ng m
 RT: 8.71 min Scan# 562
 Delta R.T. -0.02 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB88627BS

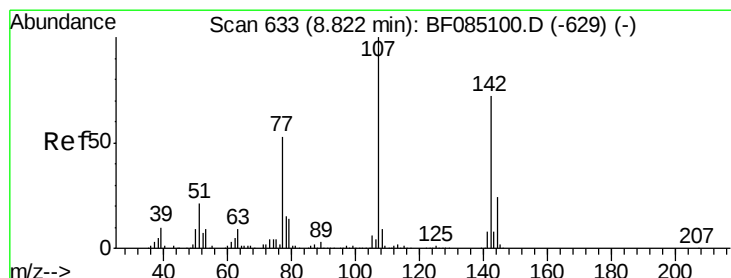
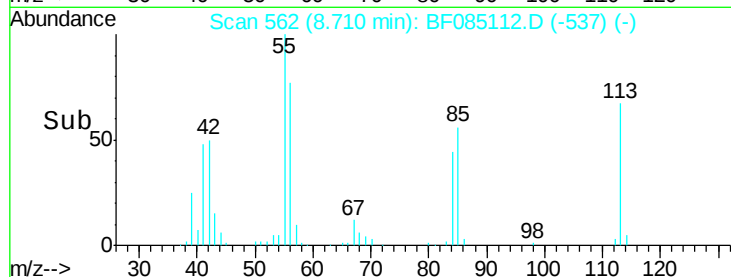
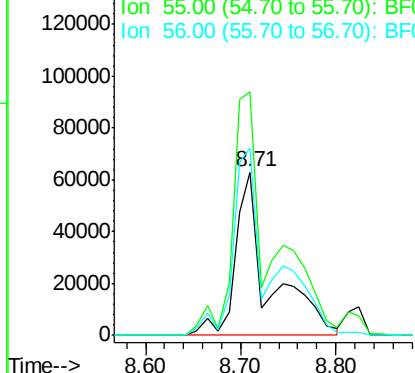
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	155965		
55	148.9	162.9	202.9#	
56	114.6	114.5	154.5	

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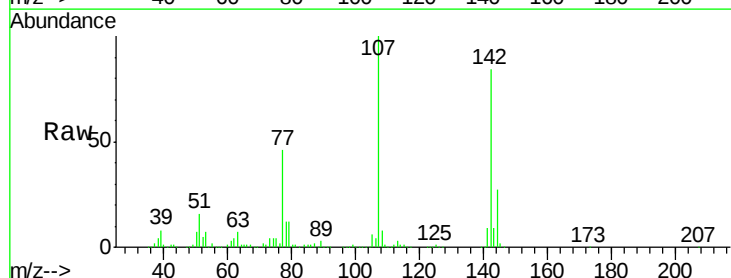


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

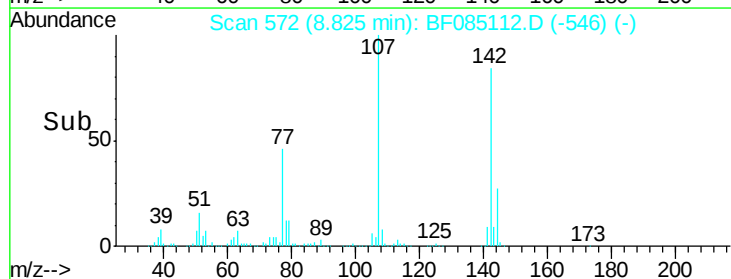
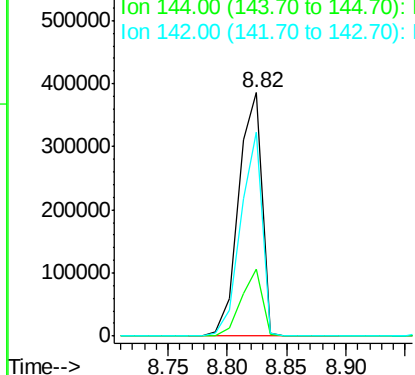


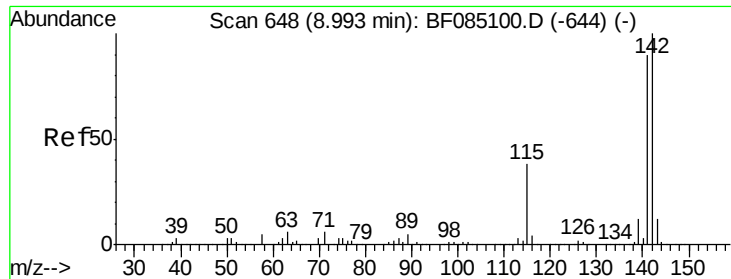
#36
 4-Chloro-3-methylphenol
 Concen: 46.07 ng
 RT: 8.82 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	530168		
144	27.3	18.9	28.3	
142	83.8	57.9	86.9	



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





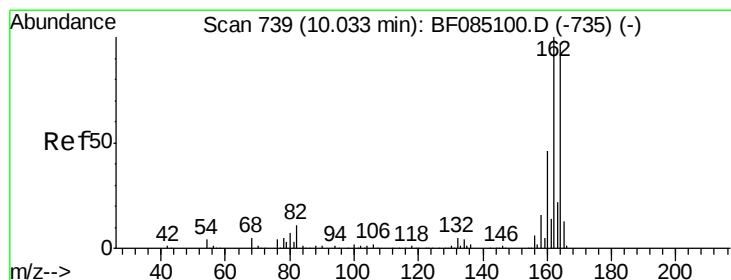
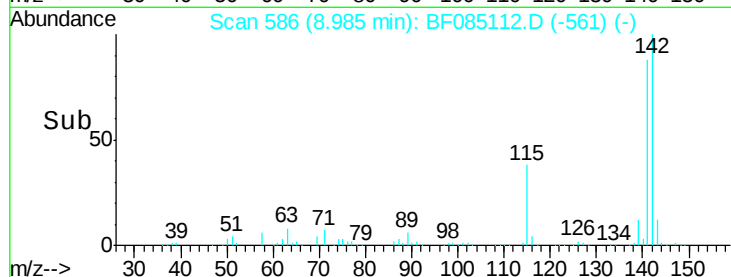
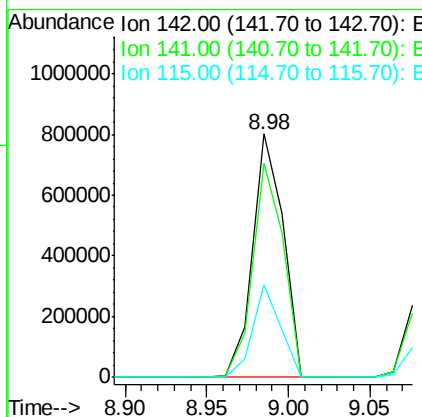
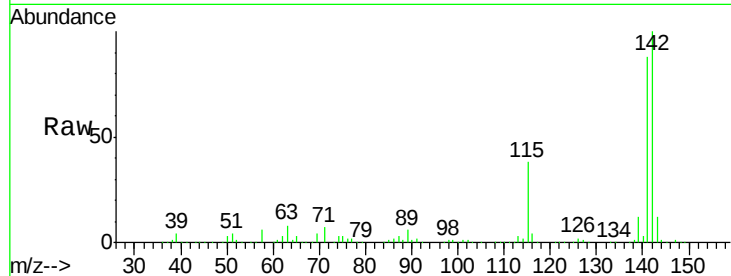
#37
2-Methylnaphthalene
Concen: 44.93 ng
RT: 8.98 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :
PB88627BS

Tgt Ion:142 Resp: 1039673
Ion Ratio Lower Upper
142 100
141 88.1 71.7 107.5
115 38.0 30.1 45.1

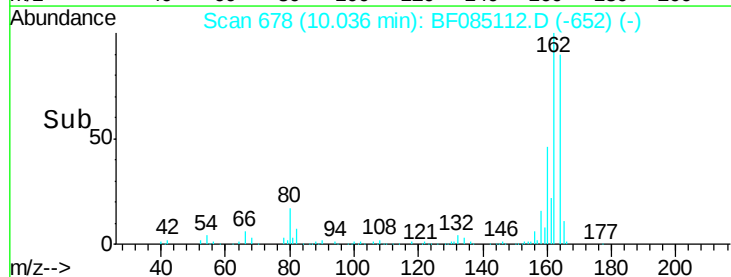
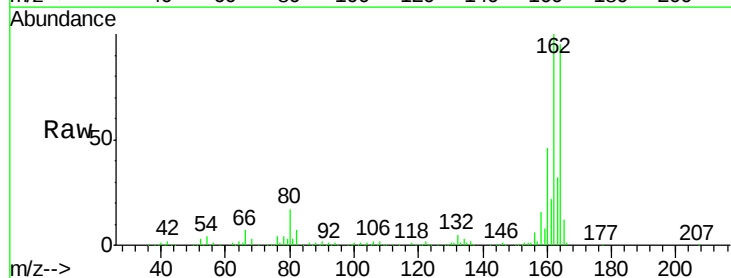
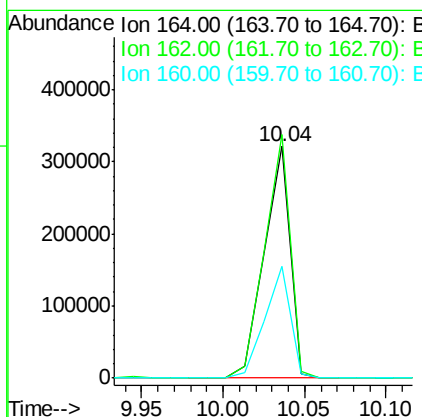
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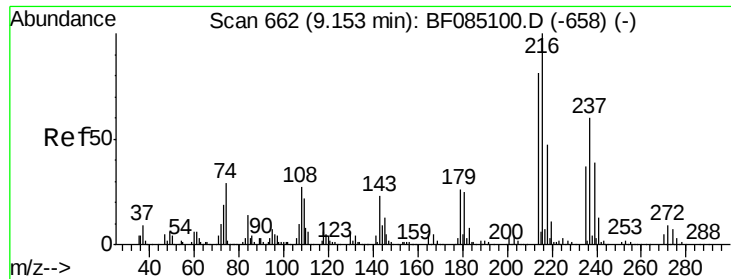
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion:164 Resp: 355365
Ion Ratio Lower Upper
164 100
162 104.9 82.6 123.8
160 48.4 38.2 57.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.41 ng

RT: 9.16 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF085112.D

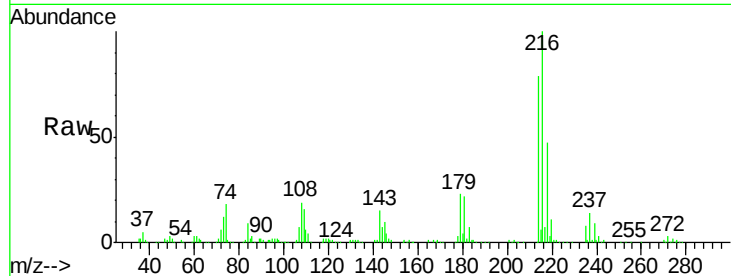
Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

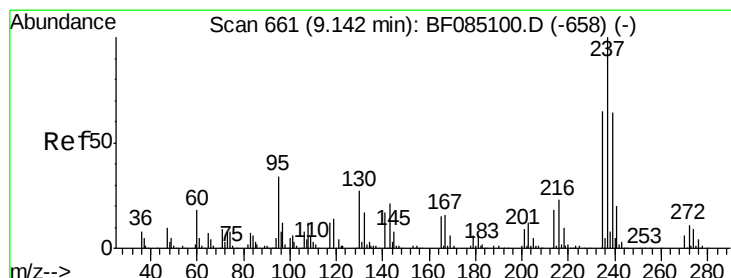
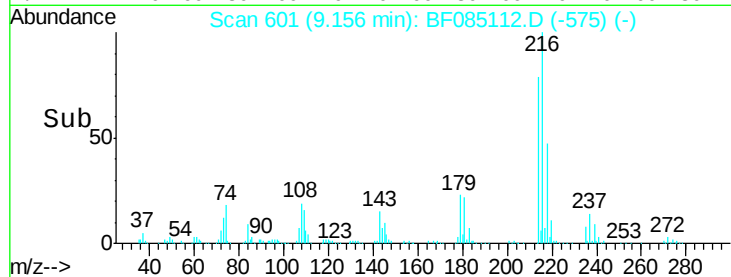
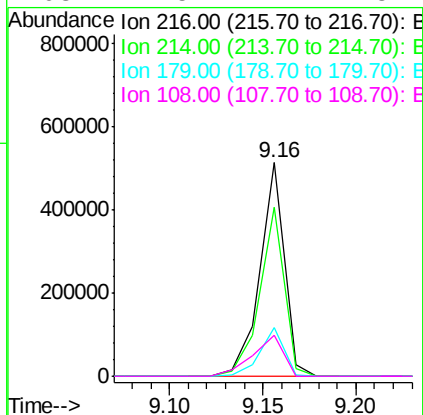
PB88627BS



Tgt Ion:	216	Resp:	464142
Ion Ratio		Lower	Upper
216	100		
214	79.5	63.7	95.5
179	23.0	18.1	27.1
108	24.5	17.1	25.7

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#40

Hexachlorocyclopentadiene

Concen: 87.92 ng

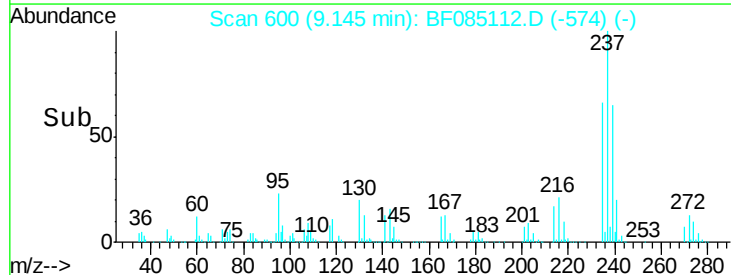
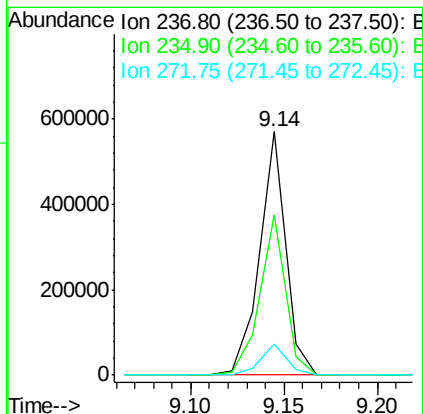
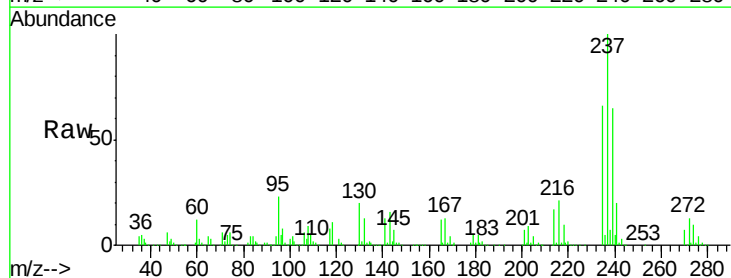
RT: 9.14 min Scan# 600

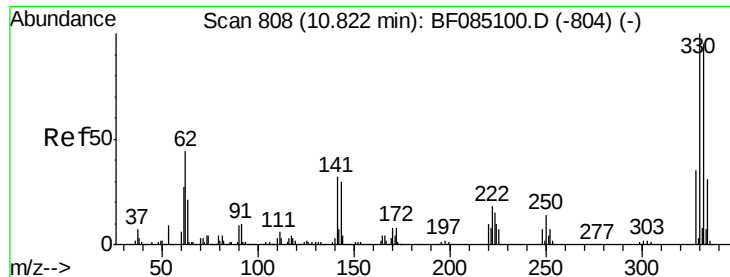
Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Tgt Ion:	237	Resp:	547846
Ion Ratio		Lower	Upper
237	100		
235	65.7	45.3	85.3
272	12.9	0.0	31.2





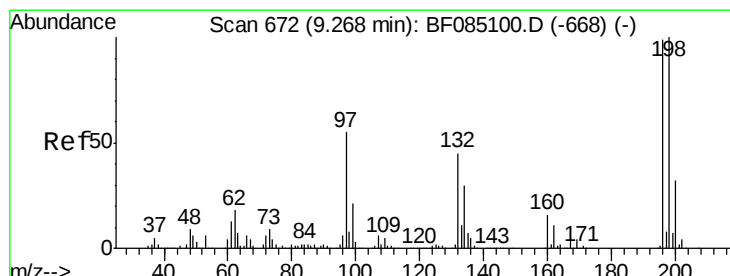
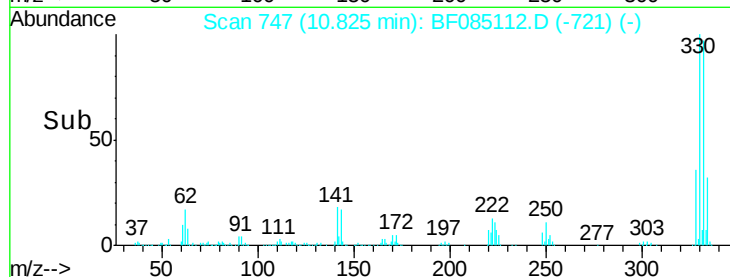
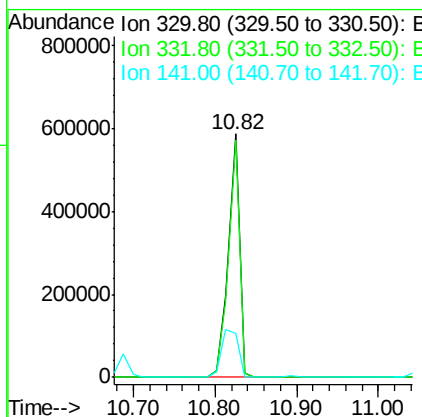
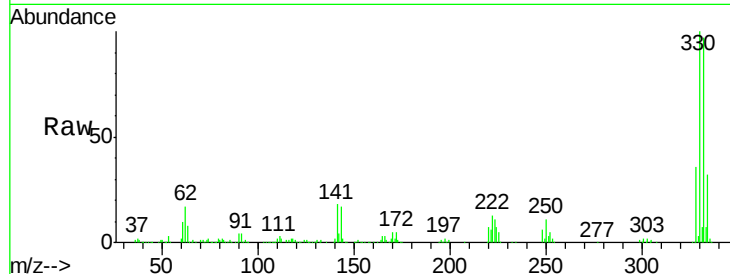
#41
 2,4,6-Tribromophenol
 Concen: 156.74 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB88627BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	559763		
332	96.5	75.9	113.9	
141	29.5	28.9	43.3	

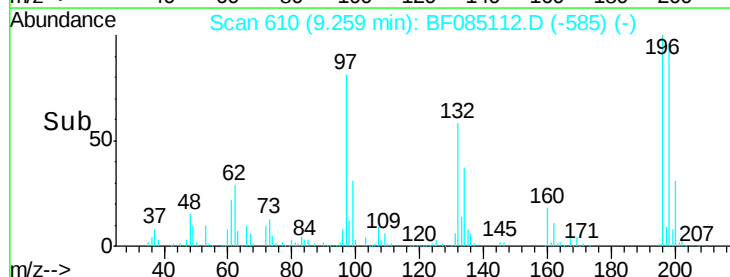
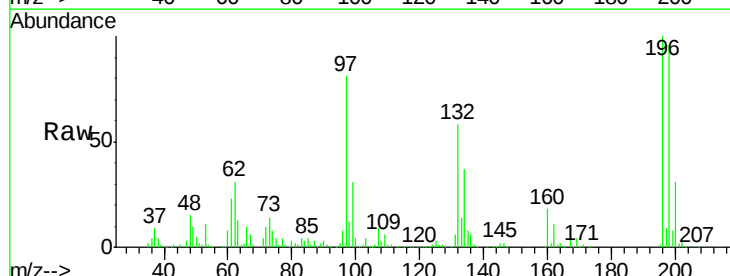
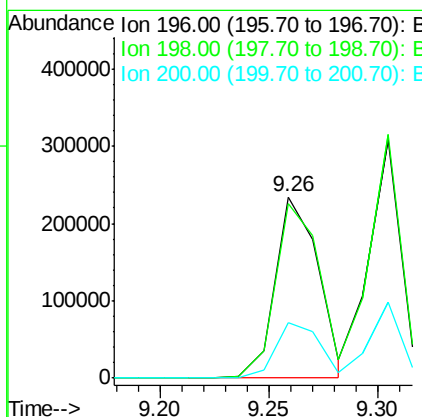
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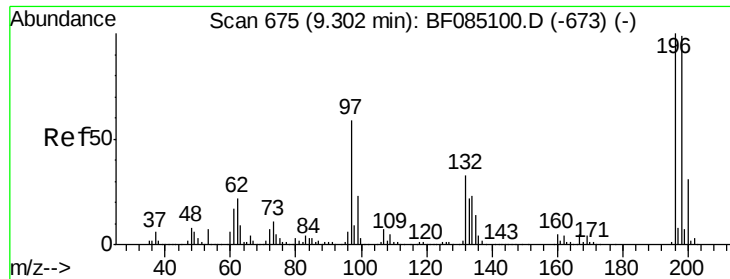
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#42
 2,4,6-Trichlorophenol
 Concen: 44.31 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

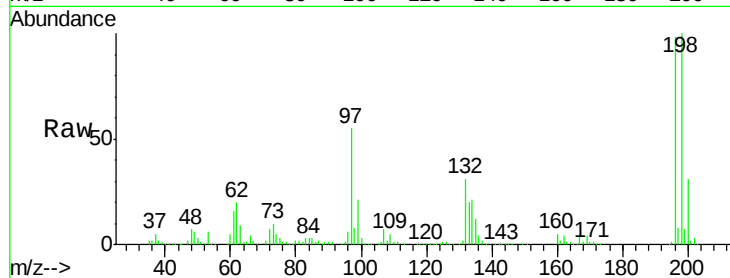
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	326518		
198	96.4	80.4	120.6	
200	30.9	25.8	38.8	





#43
 2,4,5-Trichlorophenol
 Concen: 44.85 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

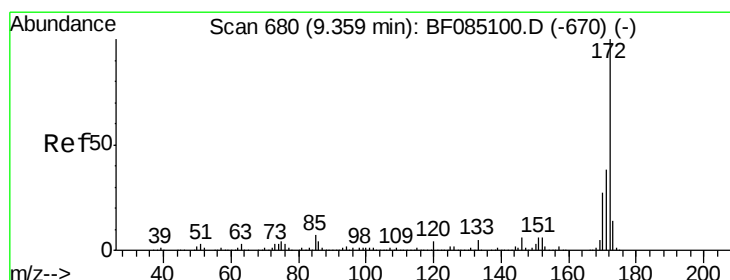
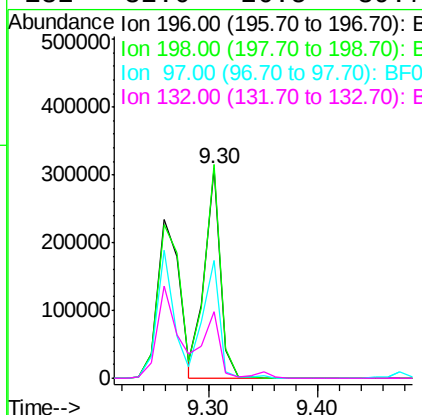
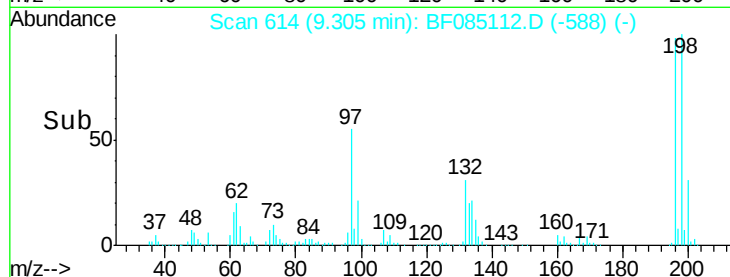
Instrument :
 BNA_F
 ClientSampleId :
 PB88627BS



Tgt Ion:	196	Resp:	316651
Ion Ratio	Lower	Upper	
196	100		
198	101.8	79.5	119.3
97	56.0	47.3	70.9
132	32.0	26.5	39.7

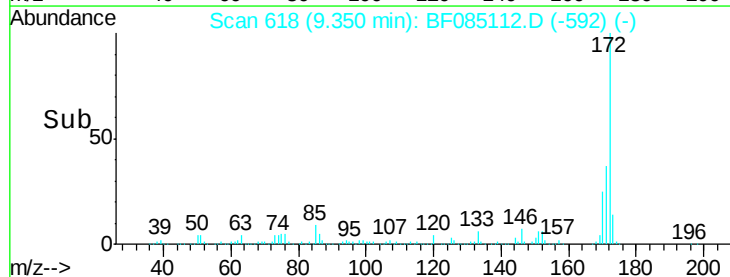
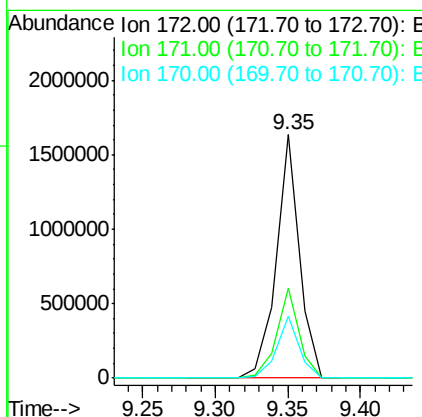
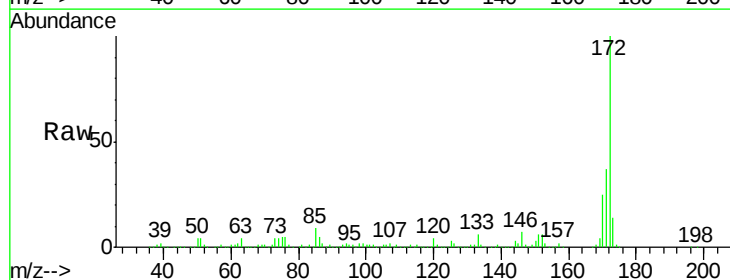
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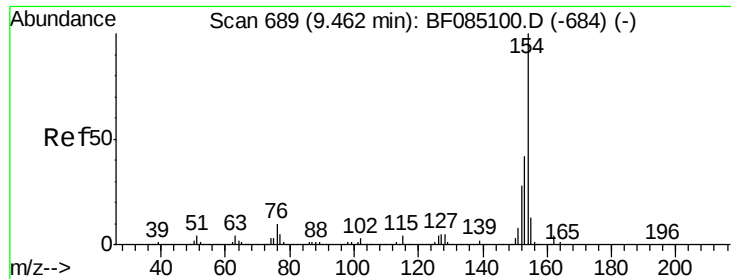
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#44
 2-Fluorobiphenyl
 Concen: 74.54 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Tgt Ion:	172	Resp:	1798528
Ion Ratio	Lower	Upper	
172	100		
171	37.0	30.5	45.7
170	25.3	21.2	31.8





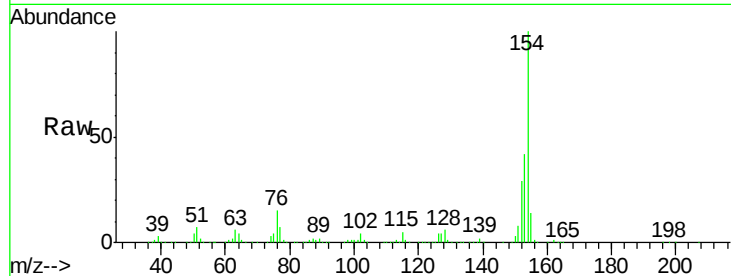
#45
 1,1'-Biphenyl
 Concen: 39.75 ng
 RT: 9.45 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB88627BS

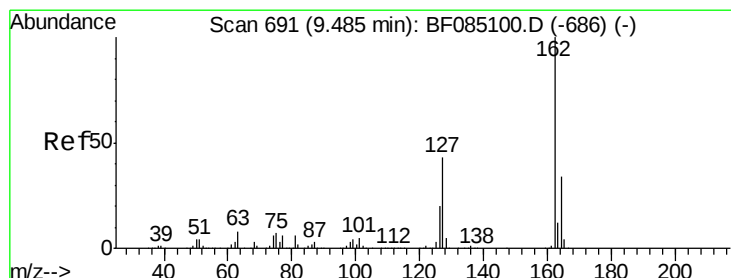
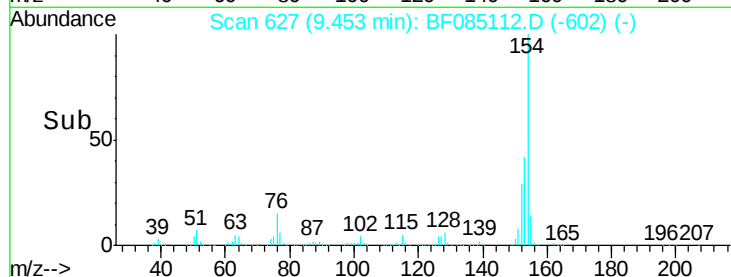
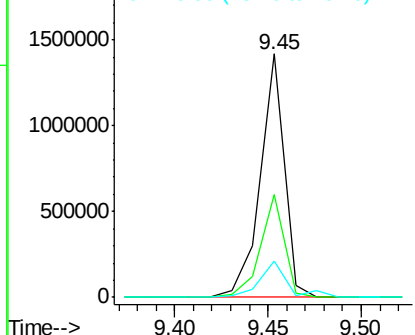
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.5	61.5
76	14.7	0.0	29.7

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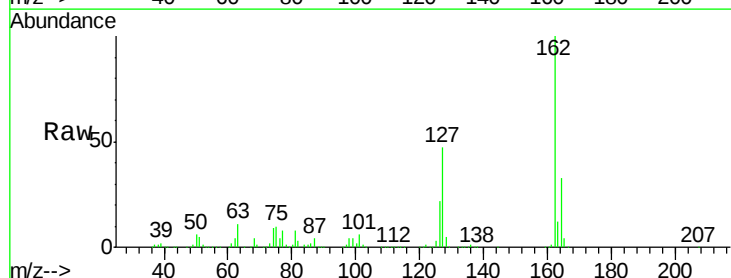


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

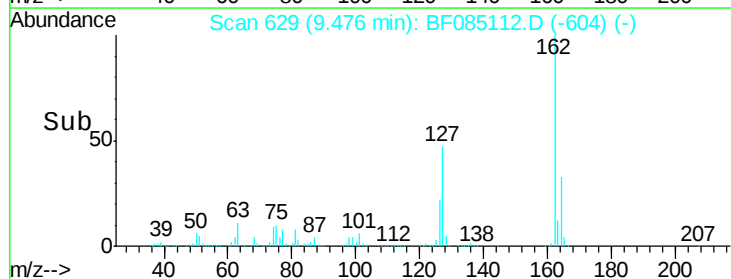
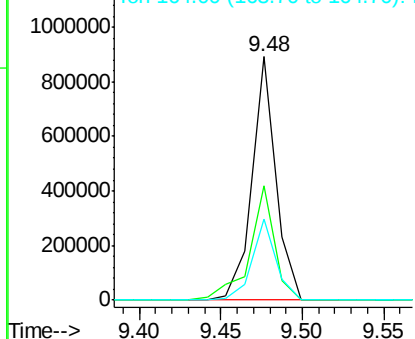


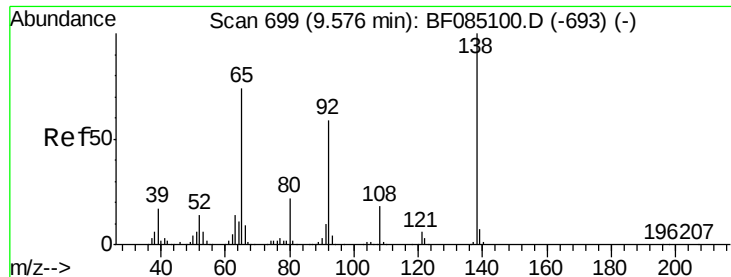
#46
 2-Chloronaphthalene
 Concen: 39.33 ng
 RT: 9.48 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.0	34.2	51.4
164	33.1	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





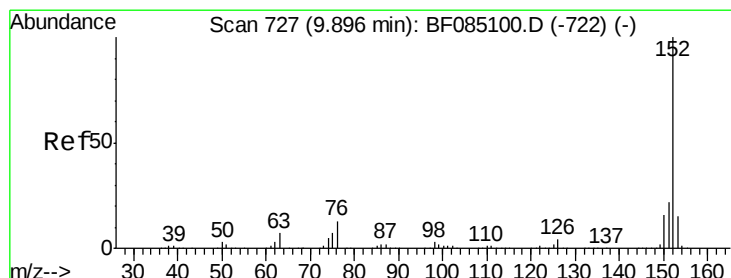
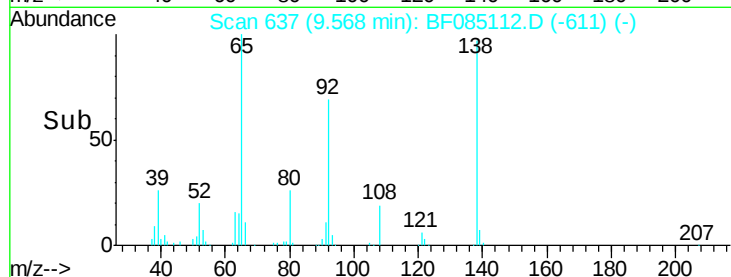
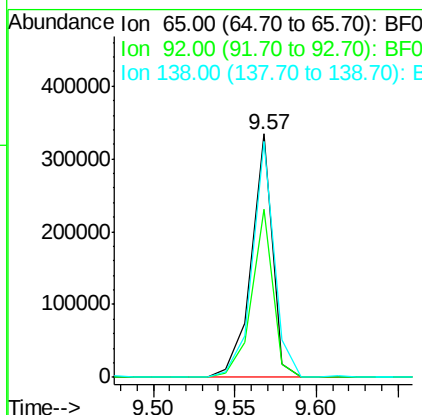
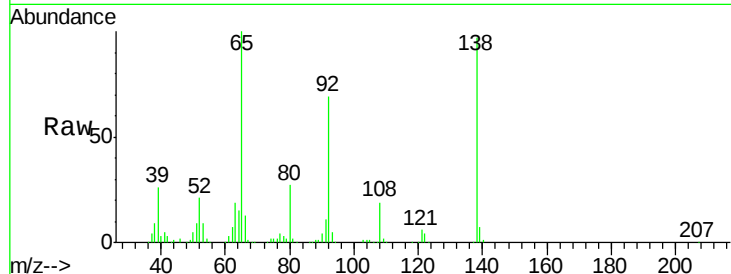
#47
2-Nitroaniline
Concen: 41.64 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :
PB88627BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	300784		
92	69.0	63.8	95.6	
138	96.8	108.5	162.7#	

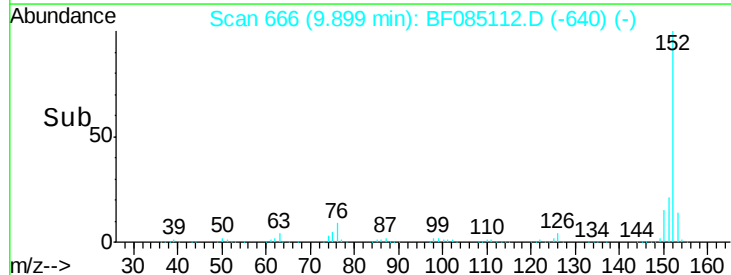
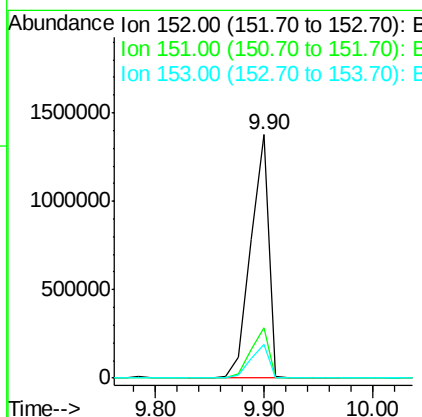
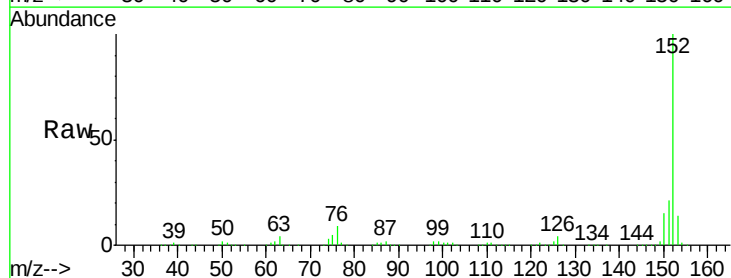
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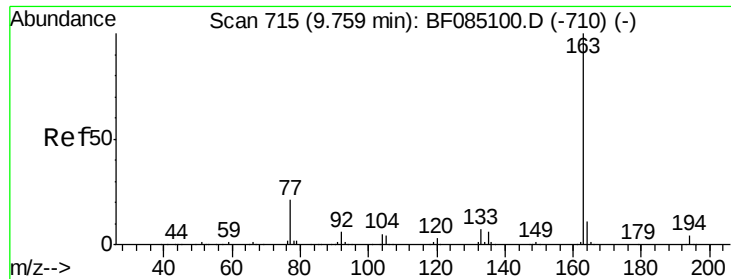
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#48
Acenaphthylene
Concen: 45.95 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1571082		
151	20.8	17.4	26.0	
153	14.1	12.0	18.0	





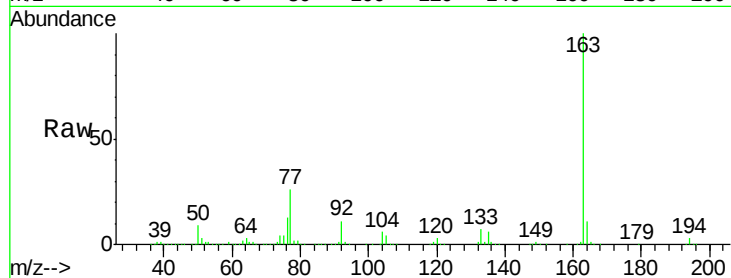
#49
Dimethylphthalate
Concen: 39.99 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :
PB88627BS

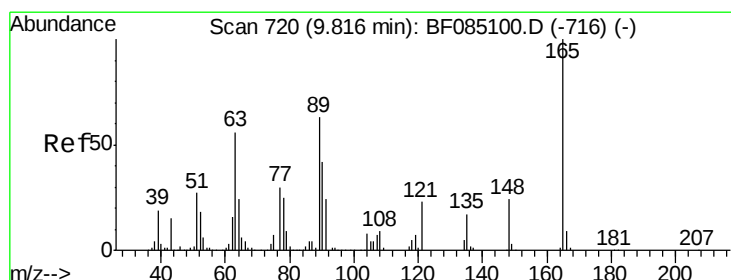
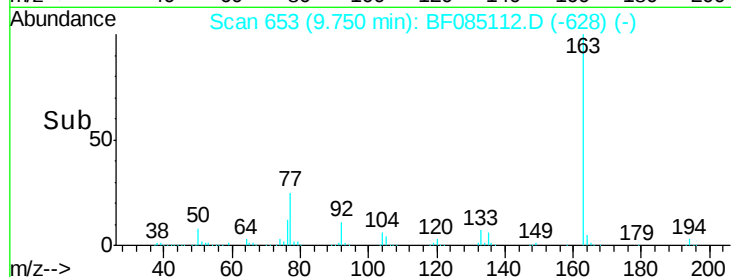
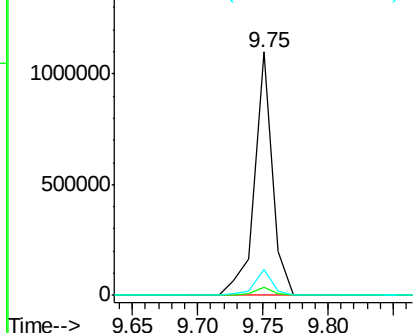
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.6	8.6	12.8

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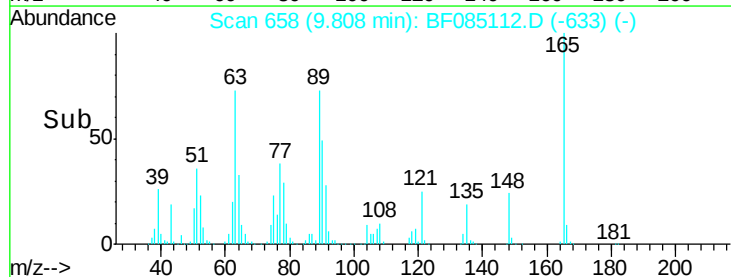
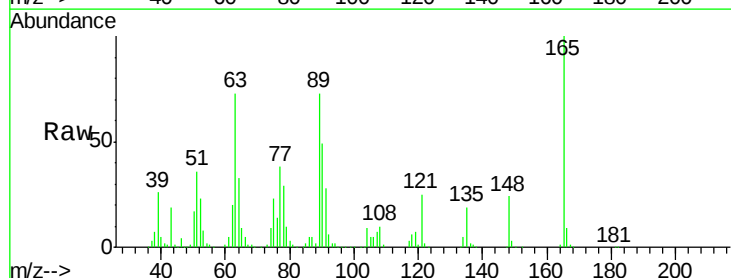
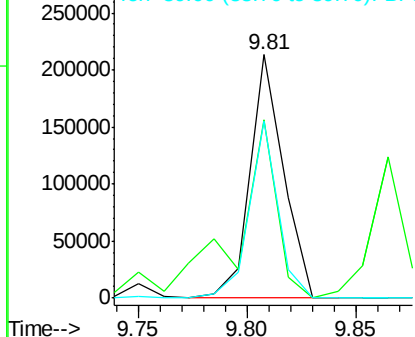
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

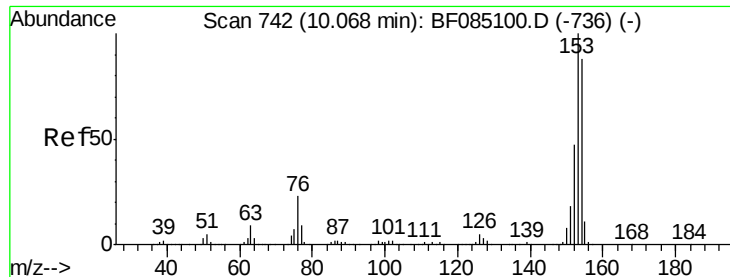


#50
2,6-Dinitrotoluene
Concen: 41.60 ng
RT: 9.81 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.2	47.4	71.2#
89	72.7	50.2	75.2

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





#51

Acenaphthene

Concen: 50.11 ng

RT: 10.07 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

PB88627BS

Tgt Ion:154 Resp: 1075752

Ion Ratio Lower Upper

154 100

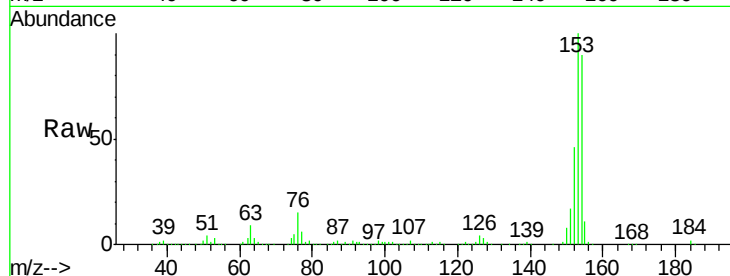
153 111.7 91.0 136.6

152 51.4 43.0 64.6

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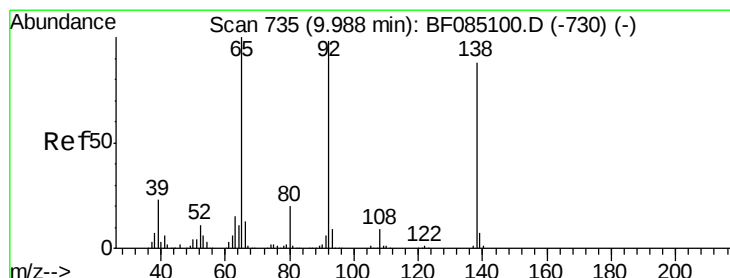
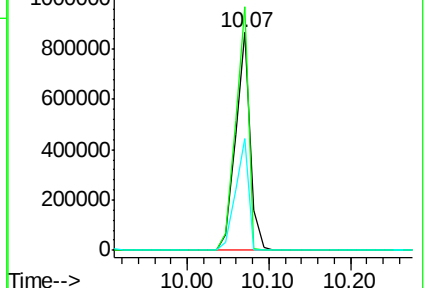
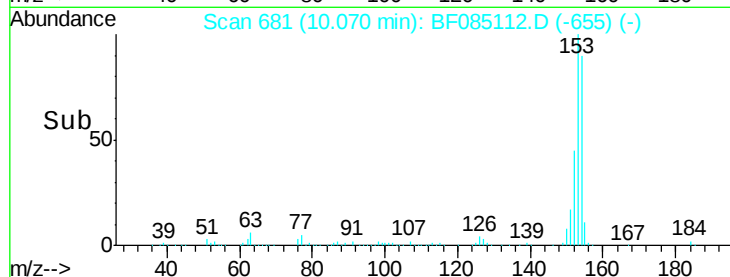
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.90 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

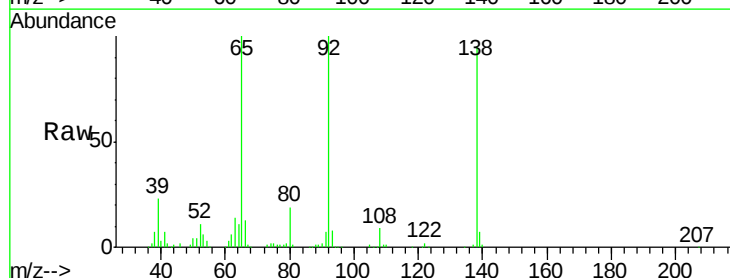
Tgt Ion:138 Resp: 148649

Ion Ratio Lower Upper

138 100

108 9.8 8.2 12.2

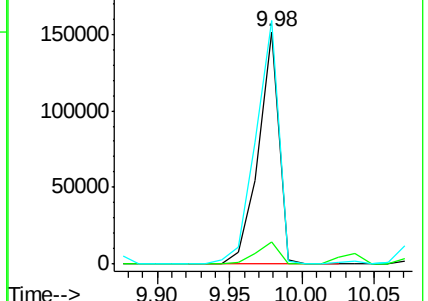
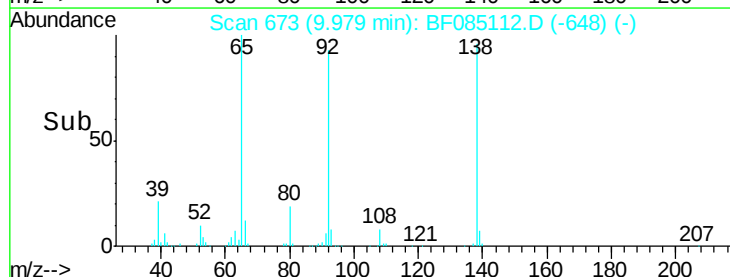
92 104.8 89.0 133.6

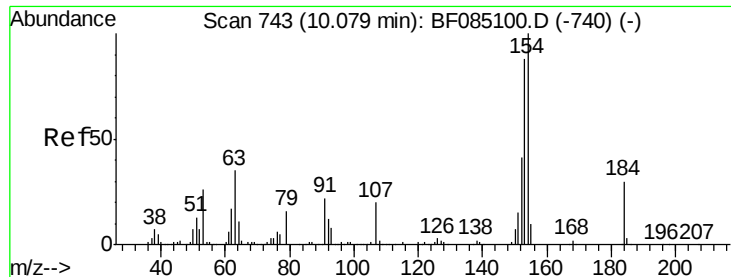


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





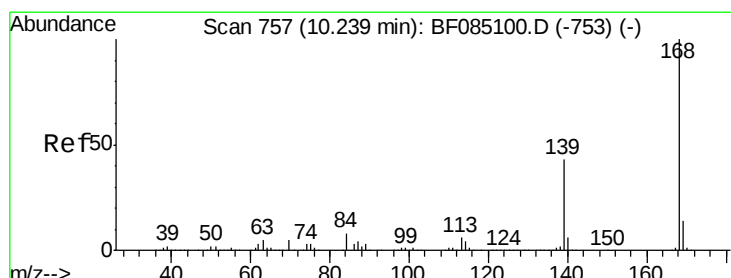
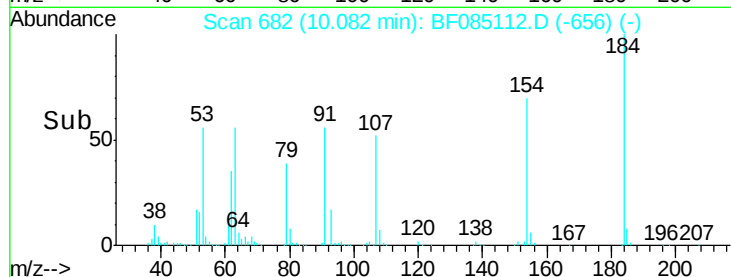
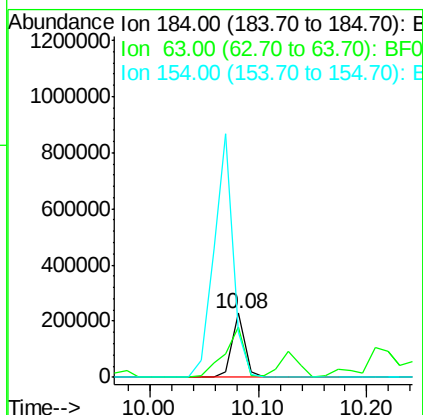
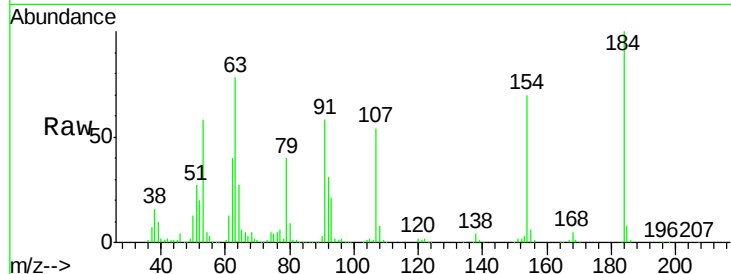
#53
2,4-Dinitrophenol
Concen: 73.61 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :
PB88627BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	189921		
63	78.3	94.0	141.0#	
154	70.0	269.8	404.8#	

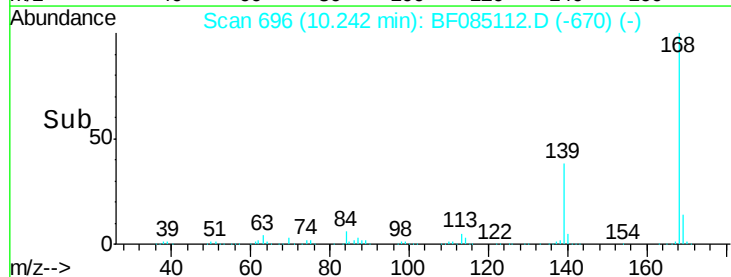
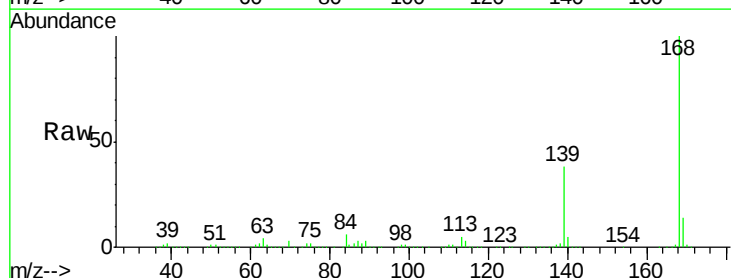
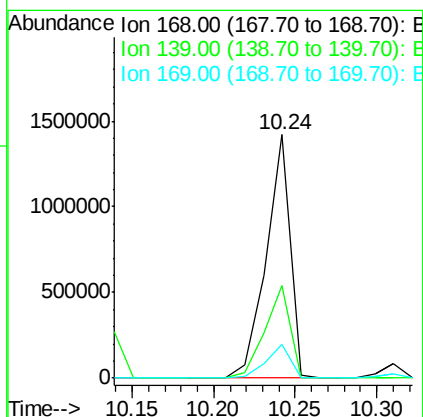
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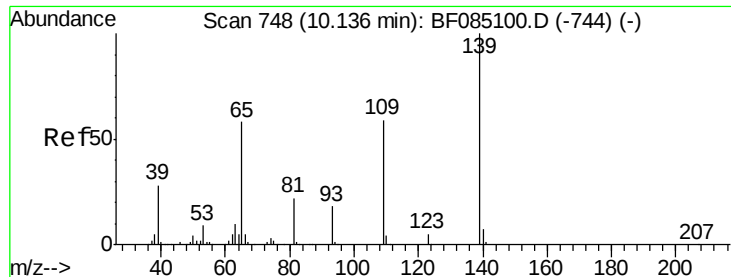
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#54
Dibenzofuran
Concen: 52.04 ng
RT: 10.24 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1450237		
139	37.8	34.2	51.2	
169	13.7	11.4	17.2	





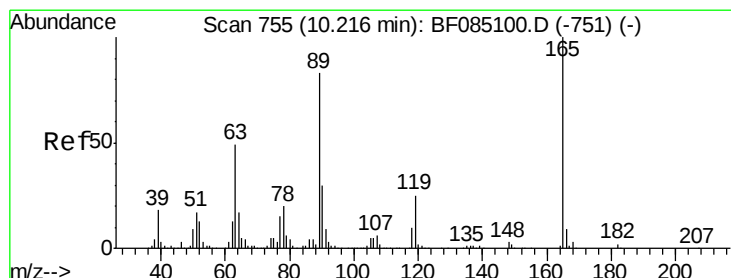
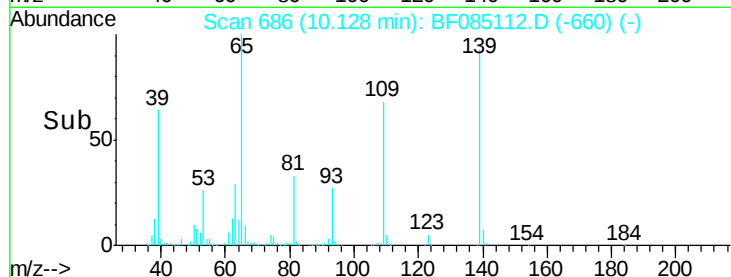
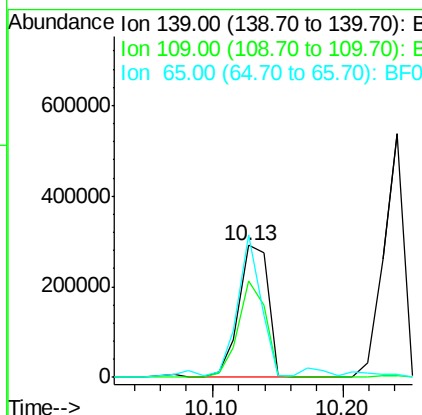
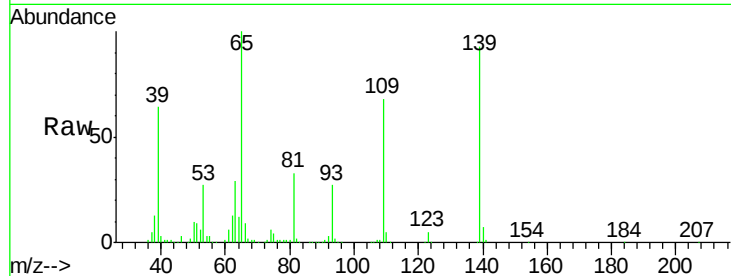
#55
4-Nitrophenol
Concen: 90.98 ng
RT: 10.13 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :
PB88627BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	453081		
109	73.3	39.5	79.5	
65	107.9	38.4	78.4#	

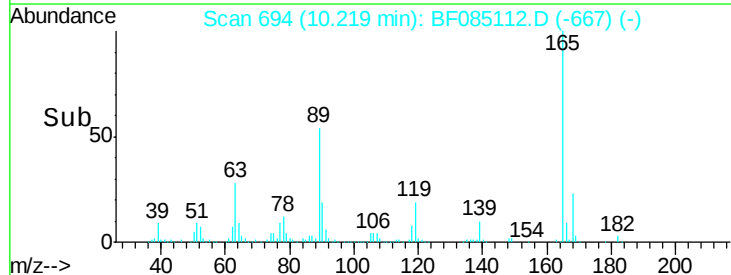
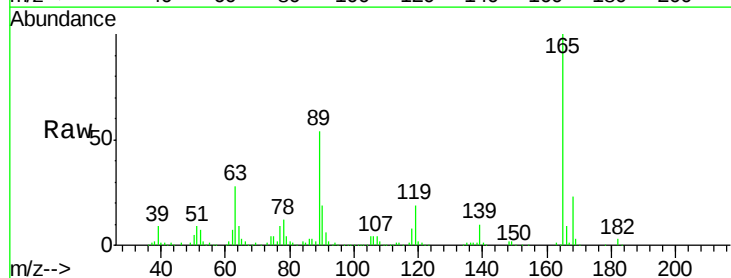
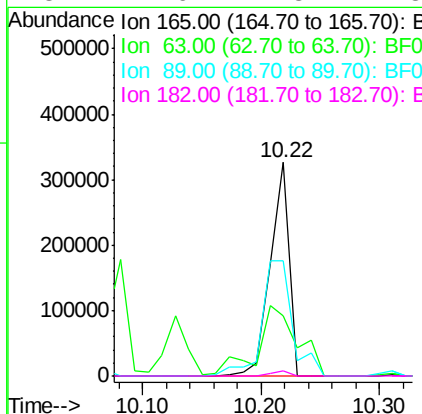
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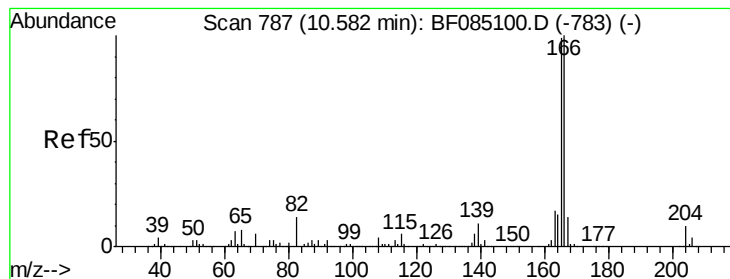
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#56
2,4-Dinitrotoluene
Concen: 49.33 ng
RT: 10.22 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	363213		
63	28.3	39.2	58.8#	
89	54.0	66.2	99.4#	
182	2.6	1.8	2.8	





#57

Fluorene

Concen: 49.86 ng

RT: 10.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

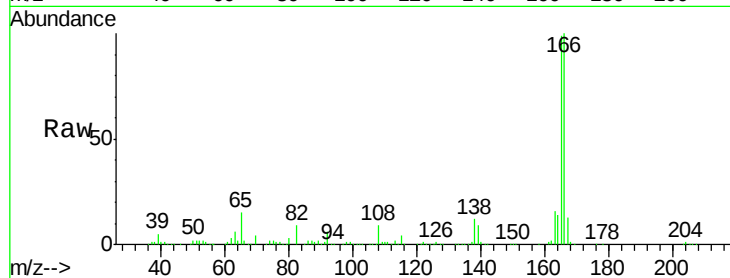
ClientSampleId :

PB88627BS

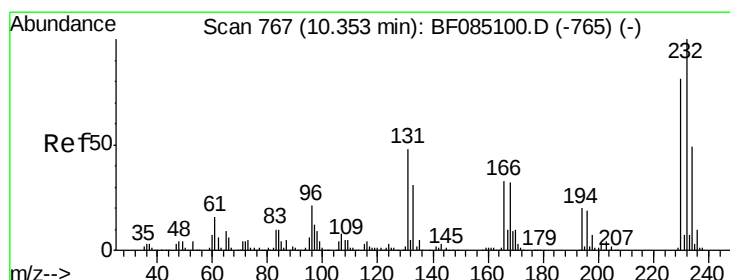
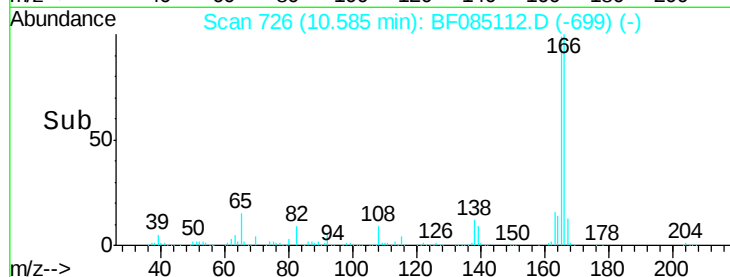
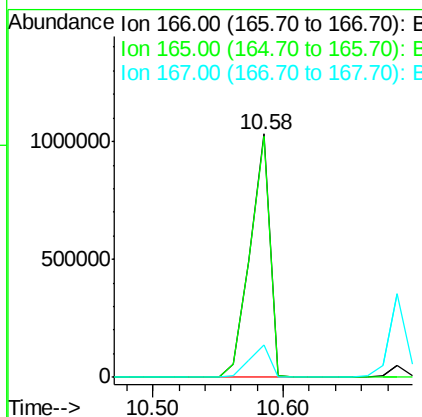
Manual Integrations
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Tgt Ion:	166	Resp:	1092673
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.4	119.2
167	13.2	11.2	16.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.31 ng

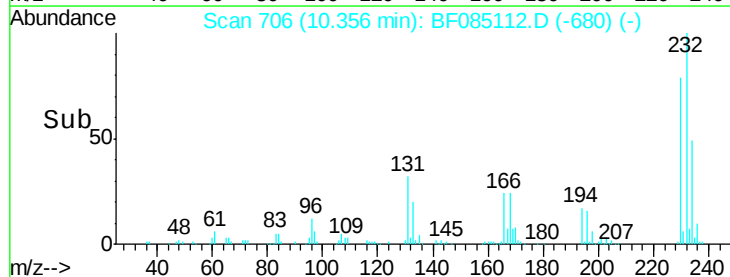
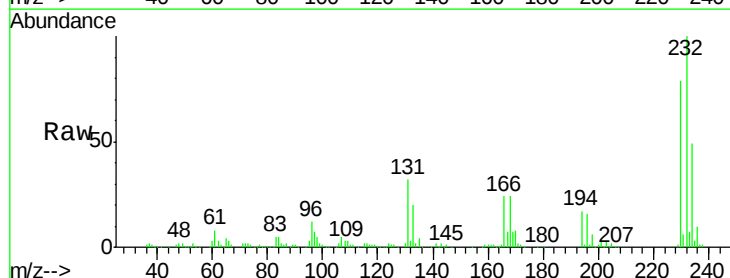
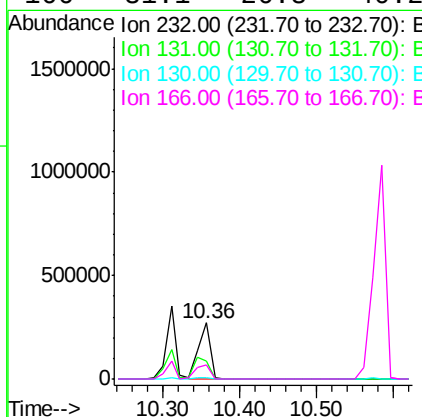
RT: 10.36 min Scan# 706

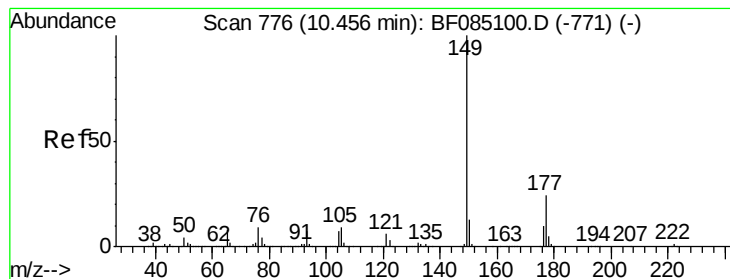
Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Tgt Ion:	232	Resp:	290491
Ion Ratio	Lower	Upper	
232	100		
131	45.7	41.6	62.4
130	2.4	2.1	3.1
166	31.1	26.8	40.2





#59

Diethylphthalate

Concen: 43.03 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF085112.D

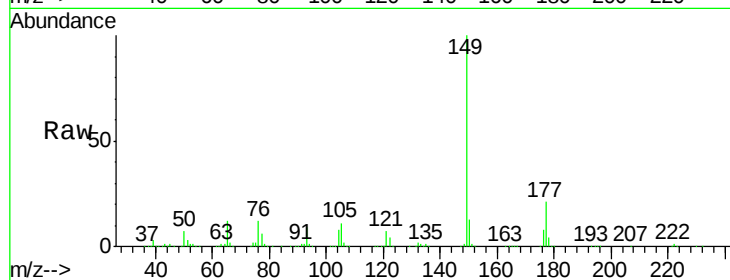
Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

PB88627BS



Tgt Ion:149 Resp: 1086669

Ion Ratio Lower Upper

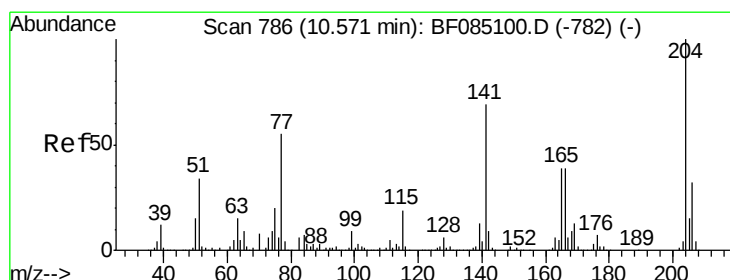
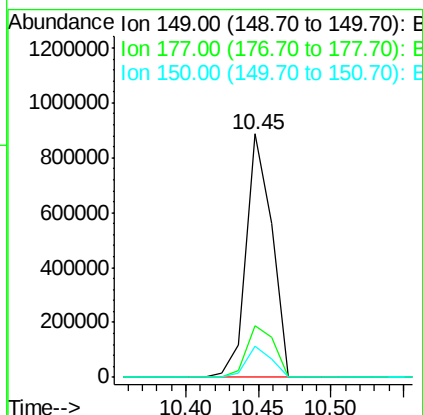
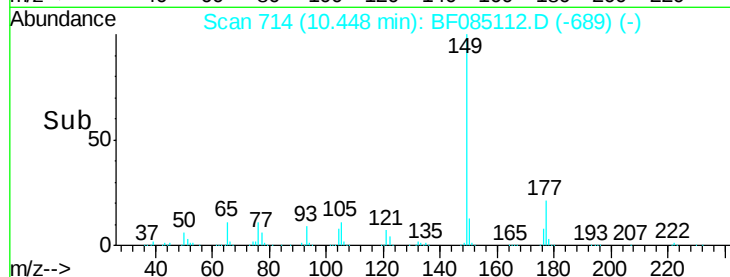
149 100

177 21.3 19.4 29.2

150 12.9 10.1 15.1

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#60

4-Chlorophenyl-phenylether

Concen: 46.97 ng

RT: 10.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

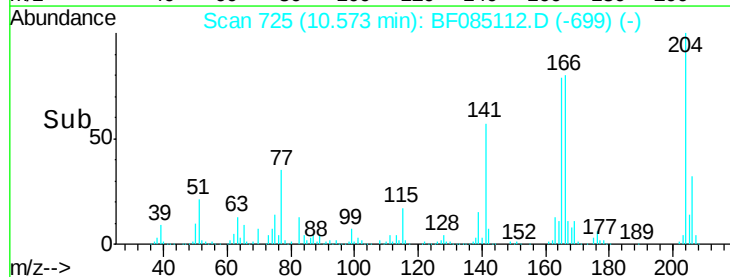
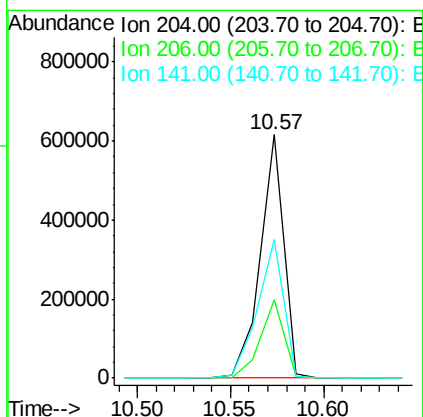
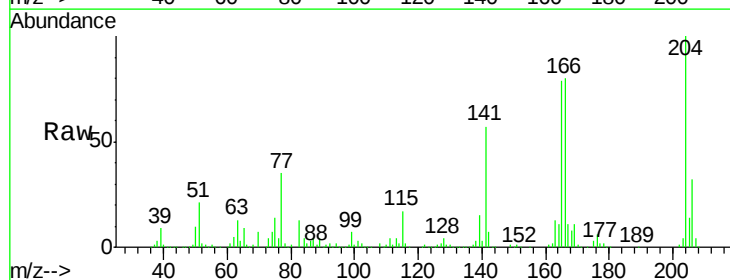
Tgt Ion:204 Resp: 530513

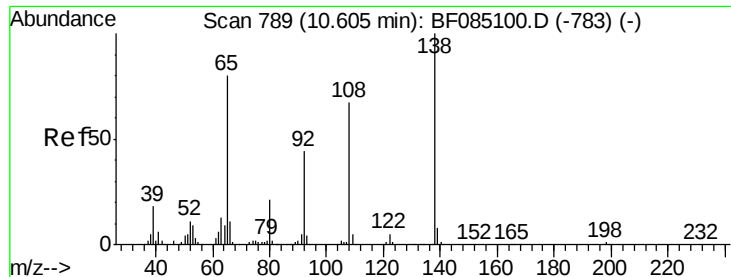
Ion Ratio Lower Upper

204 100

206 32.5 25.7 38.5

141 56.9 55.3 82.9





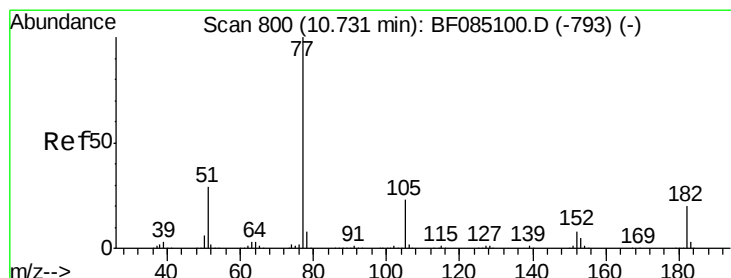
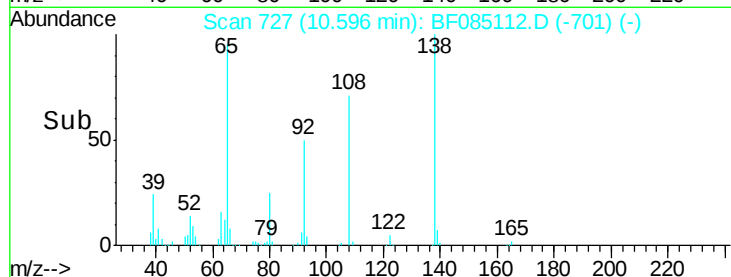
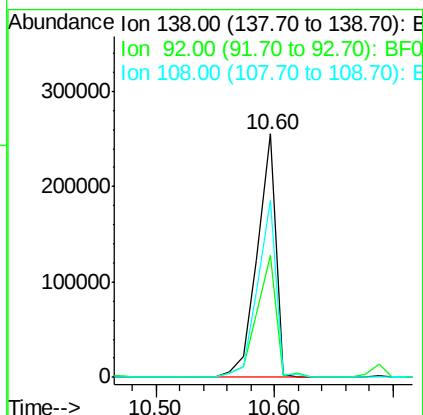
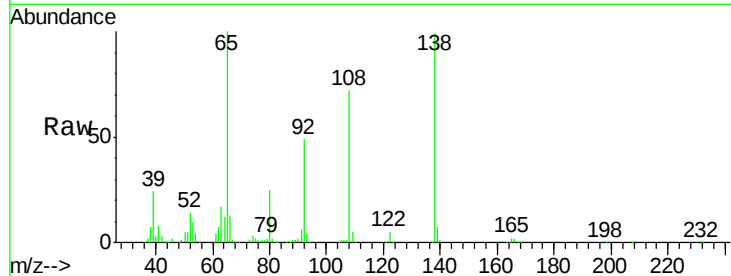
#61
4-Nitroaniline
Concen: 46.20 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :
PB88627BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	281057		
92	49.9	23.5	63.5	
108	72.8	46.8	86.8	

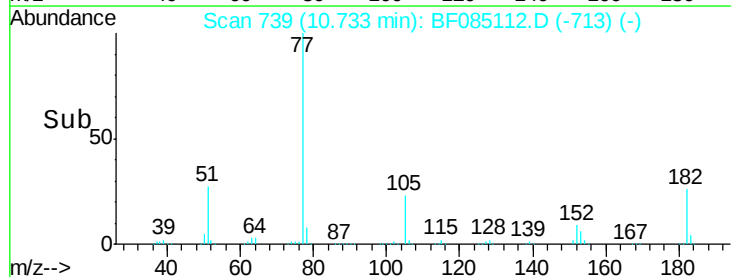
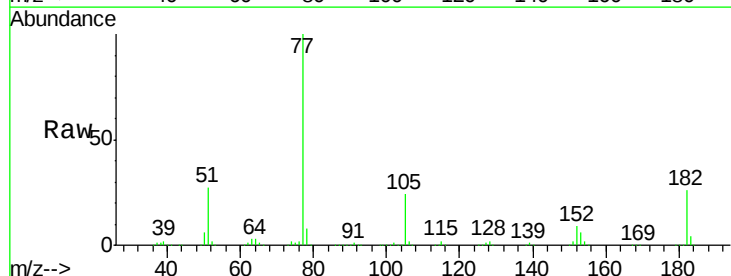
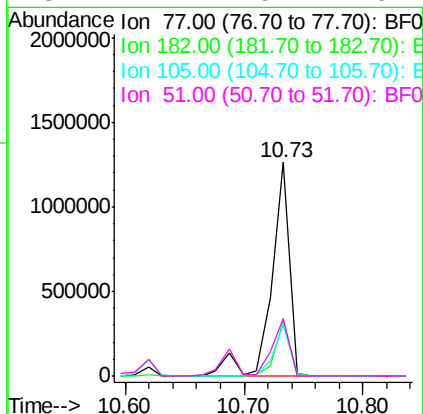
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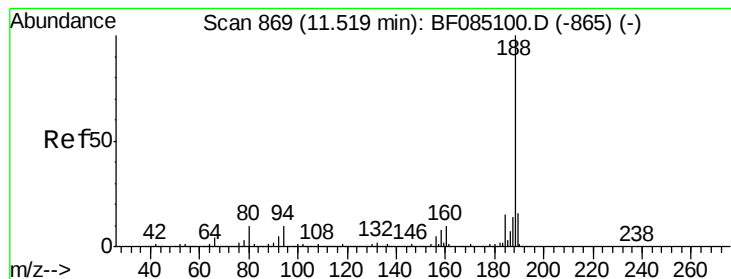
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#62
Azobenzene
Concen: 52.47 ng
RT: 10.73 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1338568		
182	26.0	0.0	39.8	
105	24.2	2.7	42.7	
51	27.1	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

PB88627BS

Tgt Ion:188 Resp: 642783
Ion Ratio Lower Upper

188 100

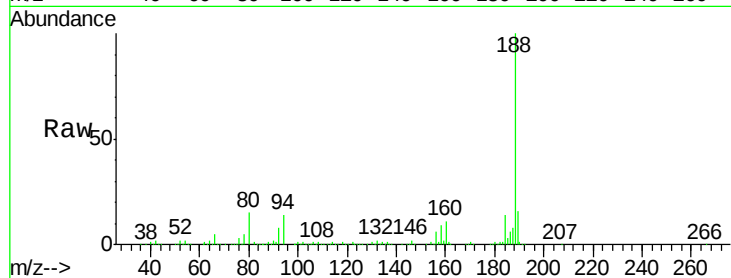
94 13.5 7.8 11.6#

80 15.1 8.2 12.4#

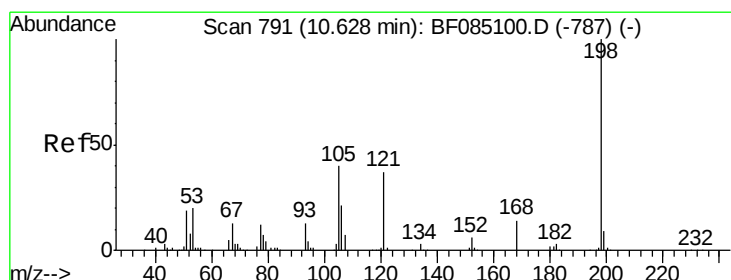
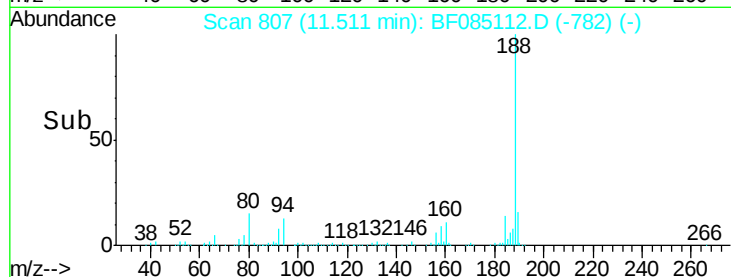
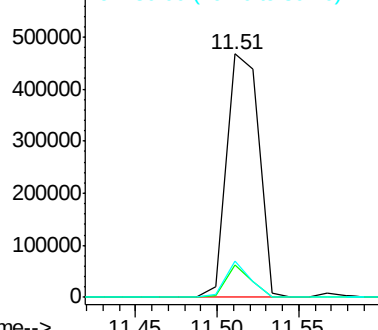
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.35 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF085112.D

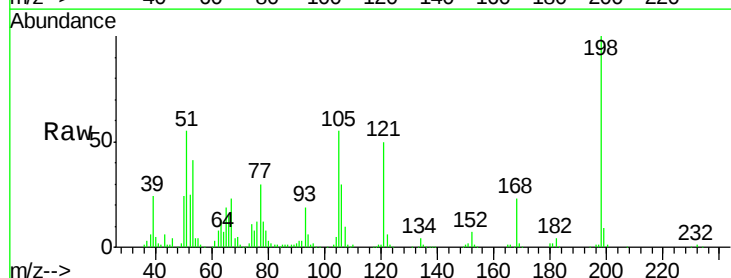
Acq: 2 Mar 2016 11:51

Tgt Ion:198 Resp: 155194
Ion Ratio Lower Upper

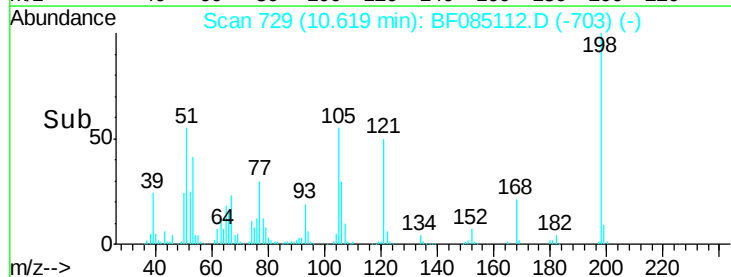
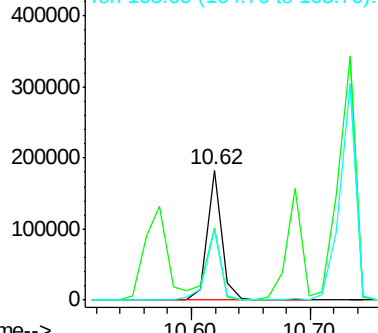
198 100

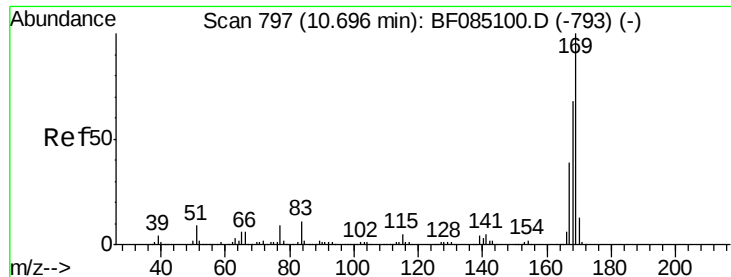
51 55.2 12.5 52.5#

105 54.6 20.2 60.2



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





#65

n-Nitrosodiphenylamine

Concen: 42.24 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

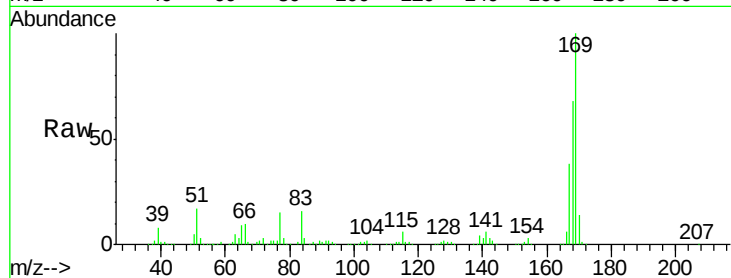
ClientSampleId :

PB88627BS

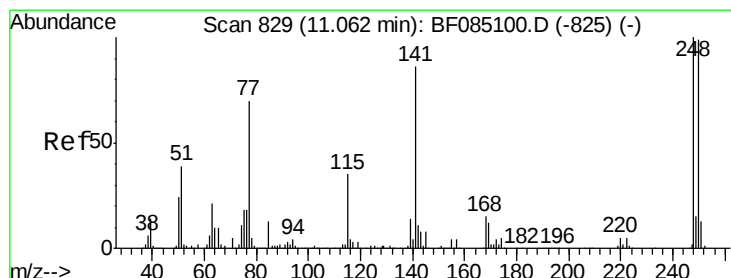
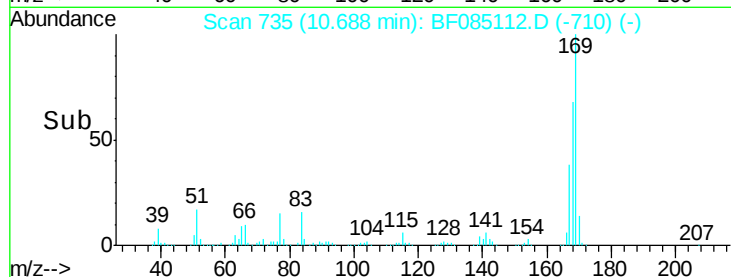
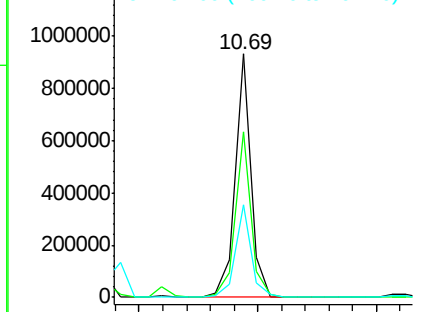
Tgt Ion:	169	Resp:	855690
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.6	81.8
167	37.9	30.8	46.2

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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: 49.34 ng

RT: 11.06 min Scan# 768

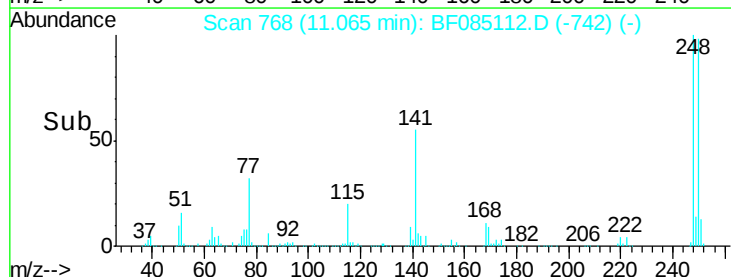
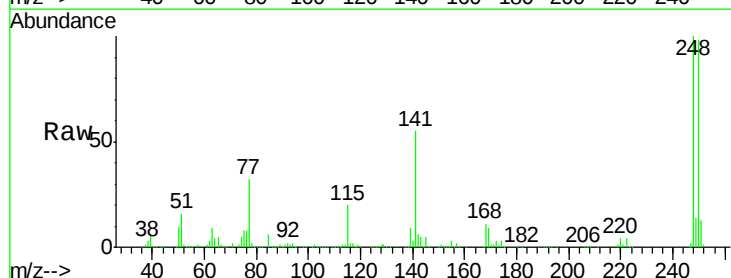
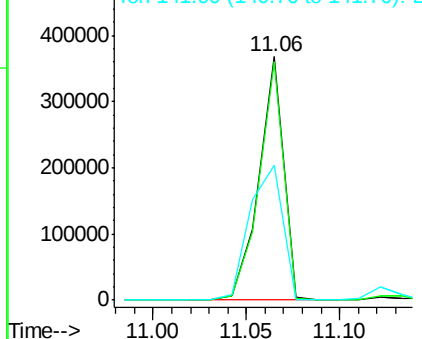
Delta R.T. 0.00 min

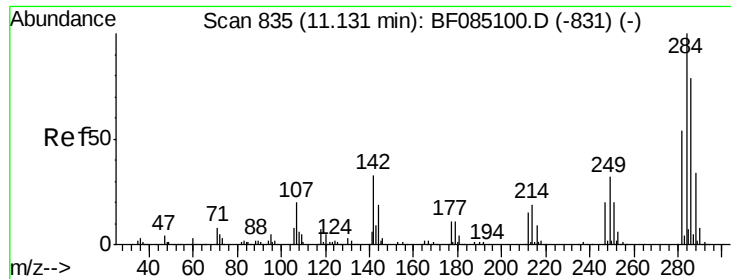
Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Tgt Ion:	248	Resp:	332985
Ion Ratio	Lower	Upper	
248	100		
250	97.8	79.0	118.4
141	55.4	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





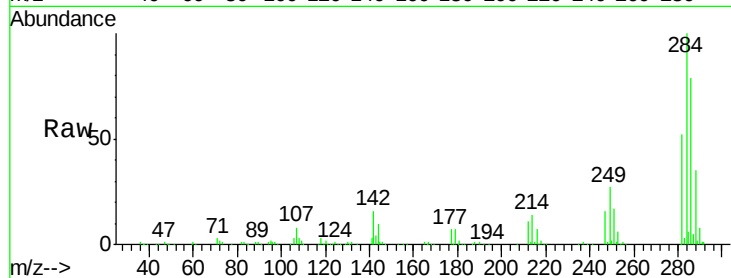
#67
Hexachlorobenzene
Concen: 47.15 ng
RT: 11.13 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :
PB88627BS

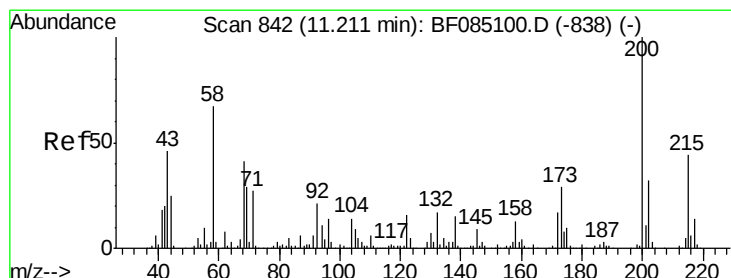
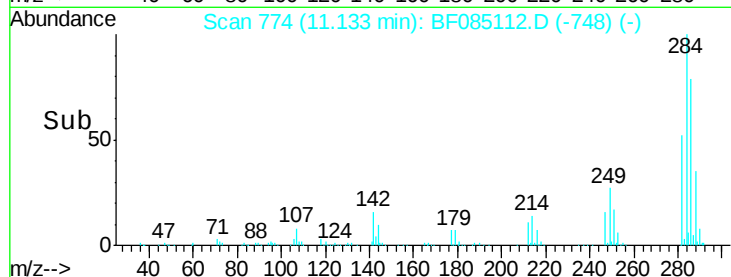
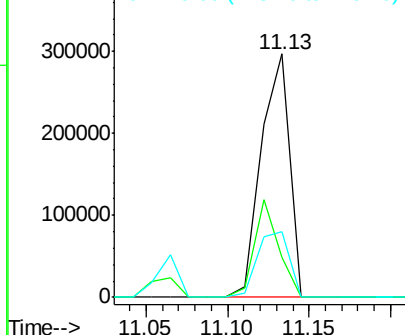
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	359242		
142	16.4	26.3	39.5#	
249	27.1	25.8	38.6	

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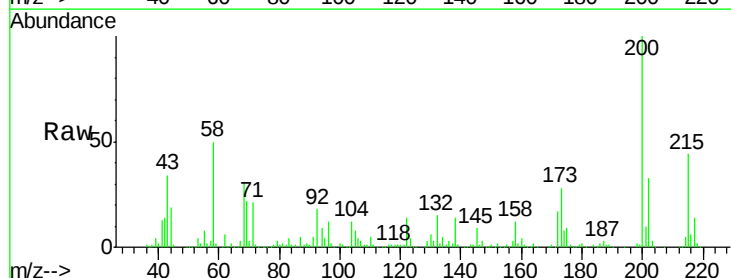


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

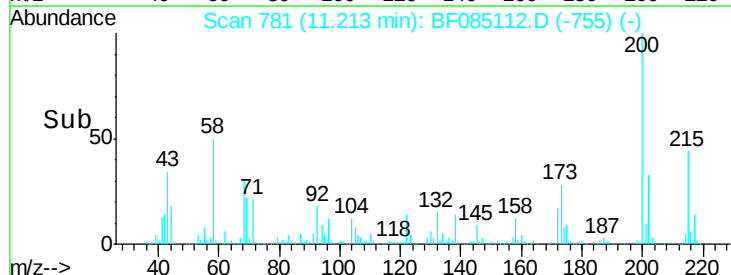
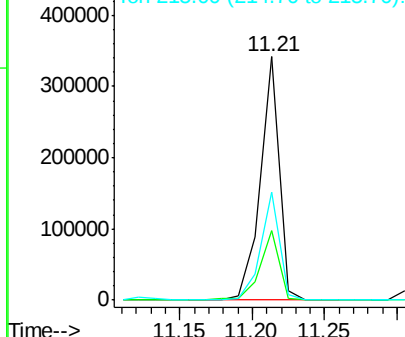


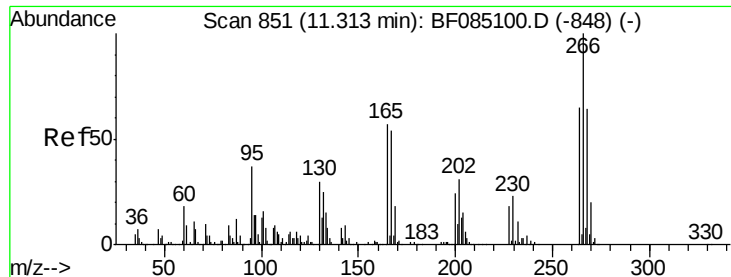
#68
Atrazine
Concen: 49.95 ng
RT: 11.21 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	308739		
173	28.3	9.4	49.4	
215	44.1	23.6	63.6	



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





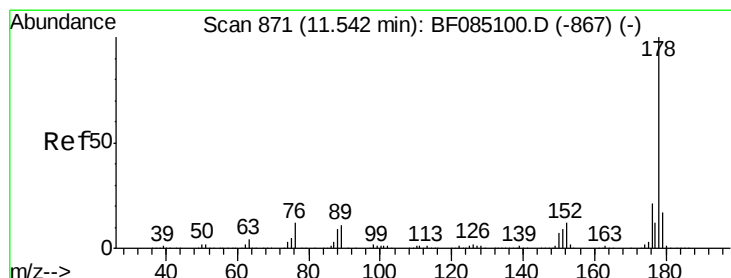
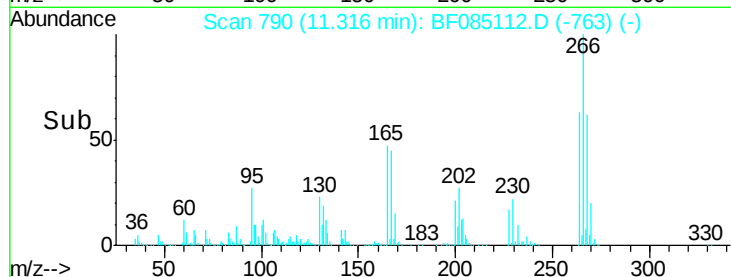
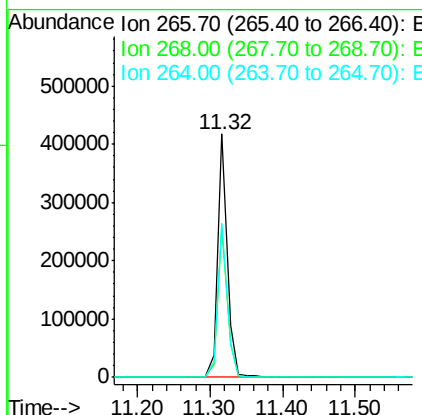
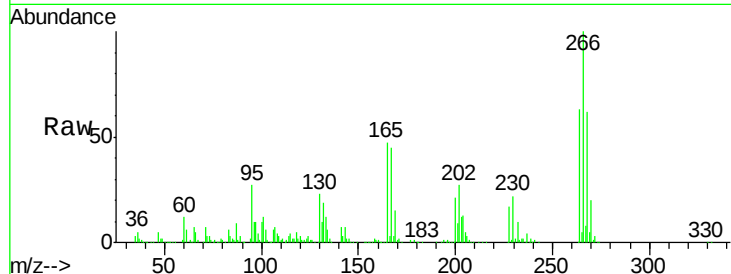
#69
 Pentachlorophenol
 Concen: 86.04 ng
 RT: 11.32 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB88627BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.0	76.6
264	63.4	52.3	78.5

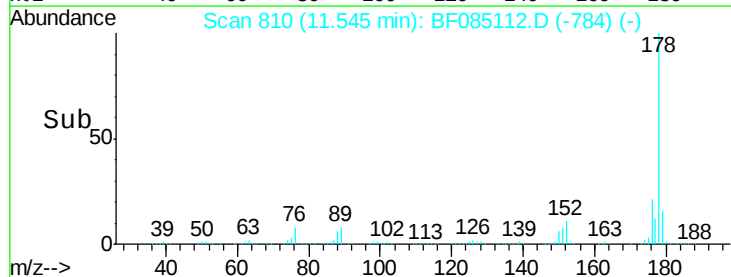
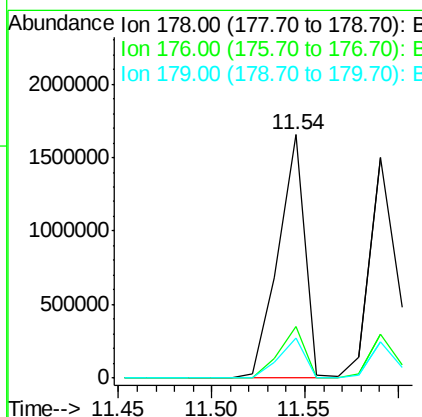
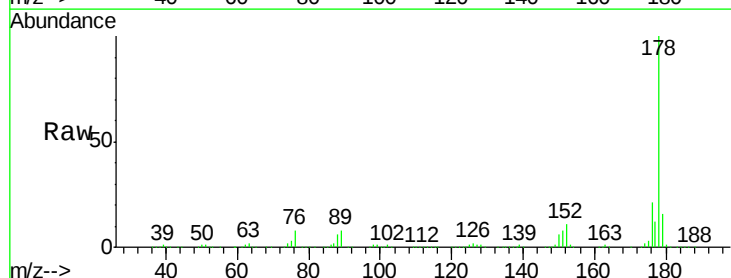
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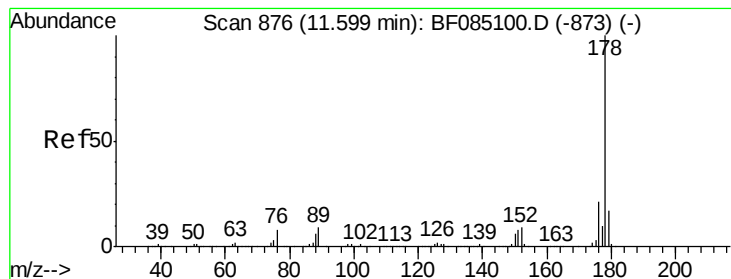
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#70
 Phenanthrene
 Concen: 51.47 ng
 RT: 11.54 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.0	25.6
179	16.3	13.3	19.9





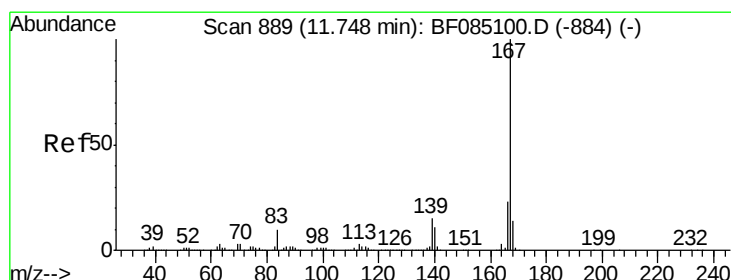
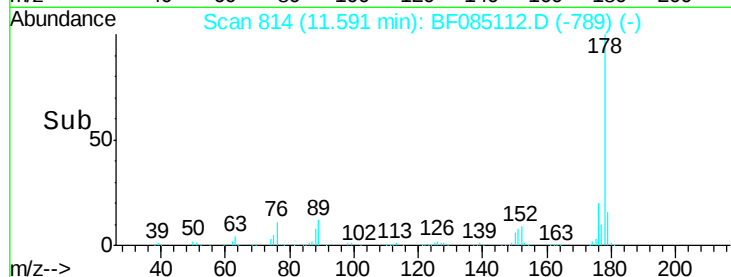
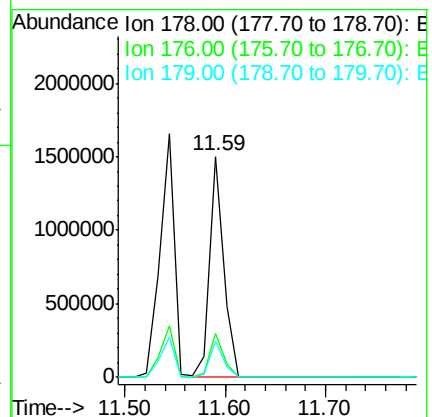
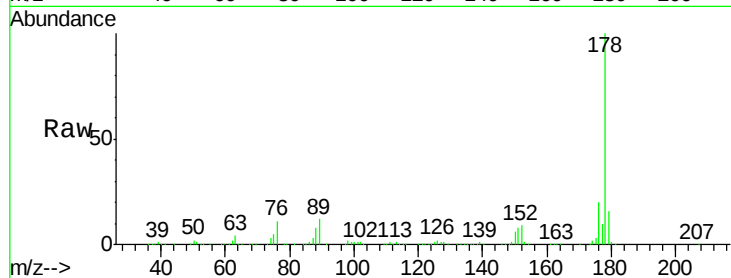
#71
 Anthracene
 Concen: 40.83 ng
 RT: 11.59 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB88627BS

Tgt Ion:178 Resp: 1465957
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 16.4 13.2 19.8

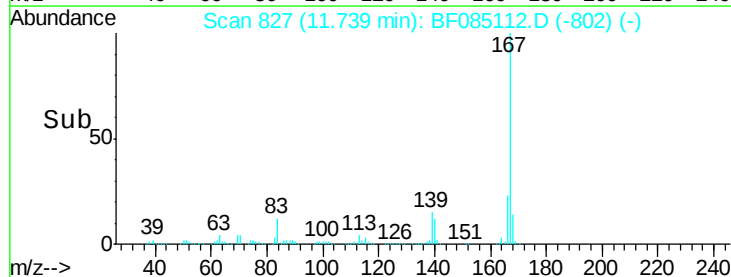
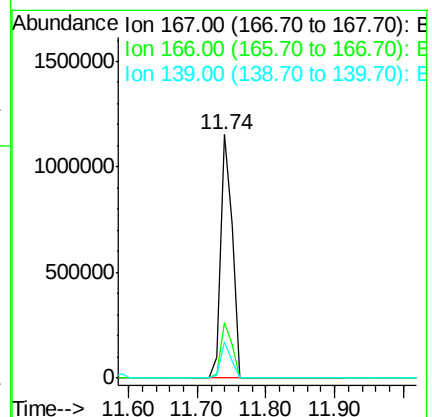
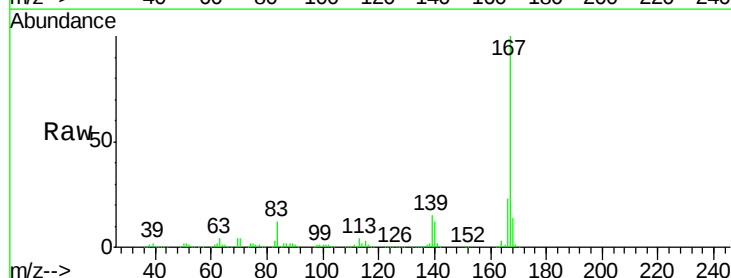
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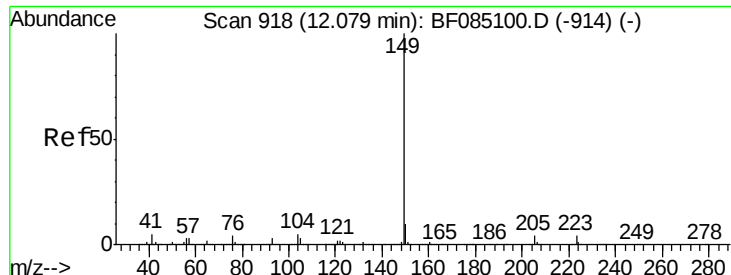
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#72
 Carbazole
 Concen: 43.90 ng
 RT: 11.74 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Tgt Ion:167 Resp: 1371743
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.6 28.0
 139 15.0 11.8 17.8





#73

Di-n-butylphthalate

Concen: 42.06 ng

RT: 12.07 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

PB88627BS

Tgt Ion:149 Resp: 1564236

Ion Ratio Lower Upper

149 100

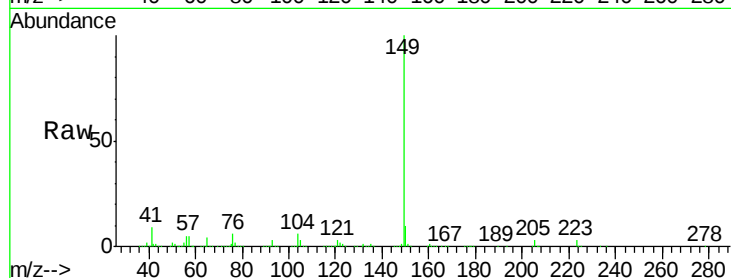
150 10.0 7.7 11.5

104 5.8 3.7 5.5#

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

12.07

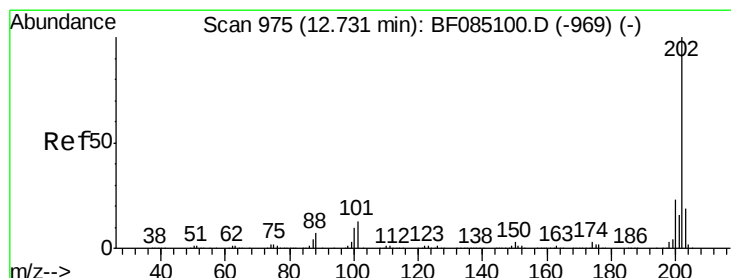
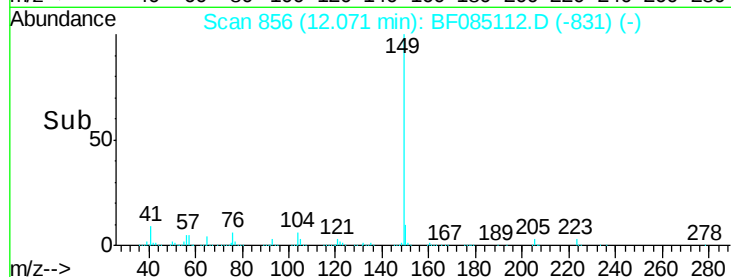
1500000

1000000

500000

0

Time-->



#74

Fluoranthene

Concen: 46.62 ng

RT: 12.73 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

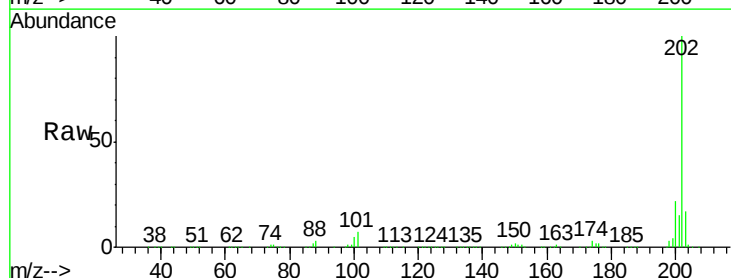
Tgt Ion:202 Resp: 1636060

Ion Ratio Lower Upper

202 100

101 6.8 0.0 33.2

203 17.3 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.73

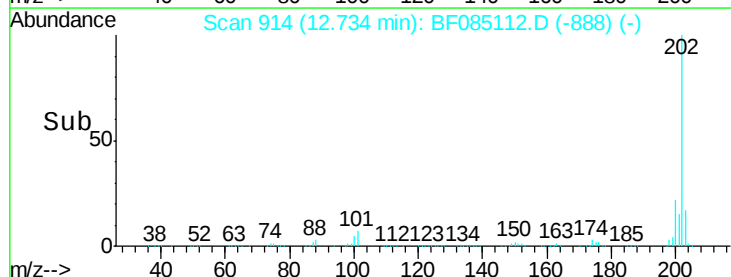
1500000

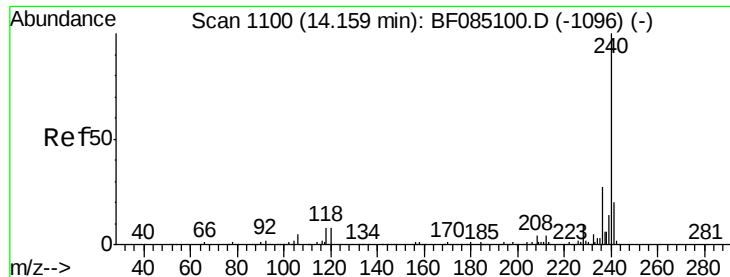
1000000

500000

0

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

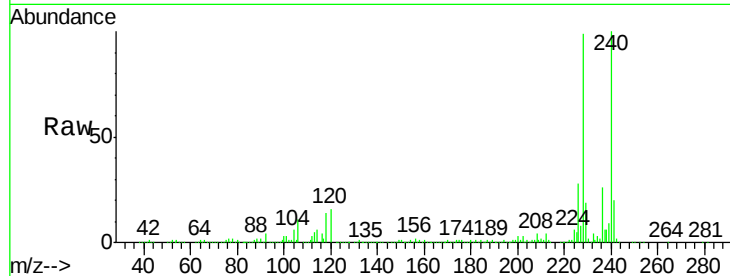
ClientSampleId :

PB88627BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.6	6.7	10.1#
236	26.1	21.6	32.4

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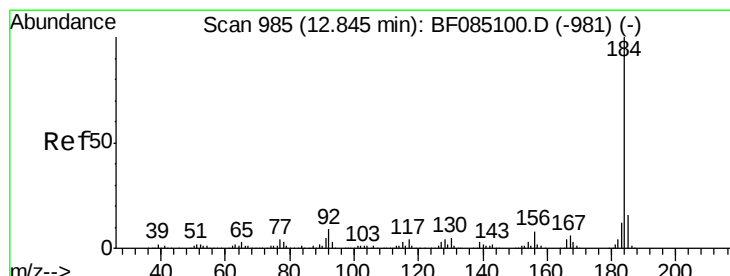
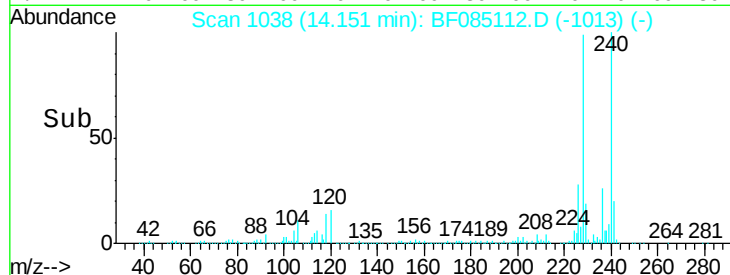
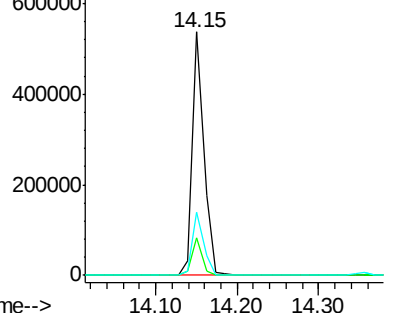
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.17 ng

RT: 12.85 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF085112.D

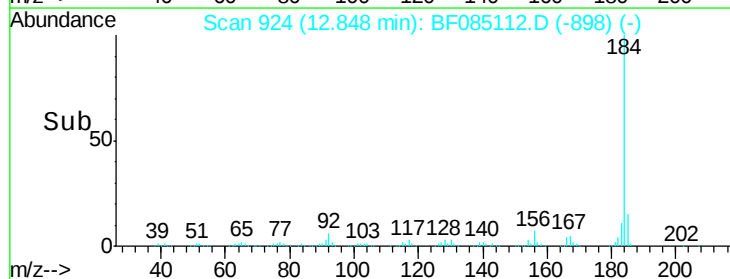
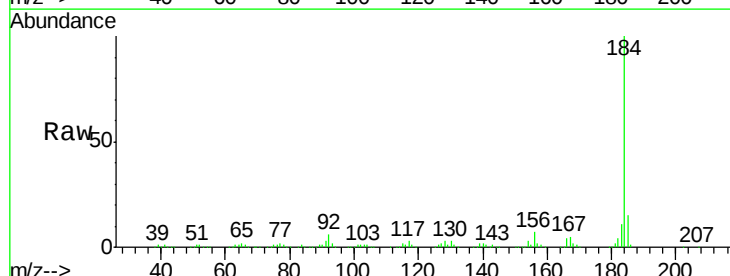
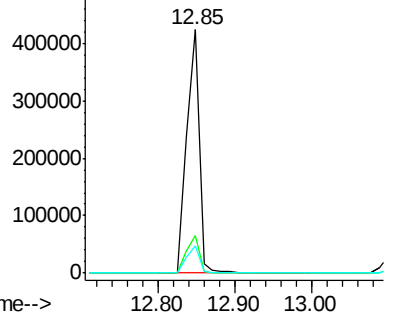
Acq: 2 Mar 2016 11:51

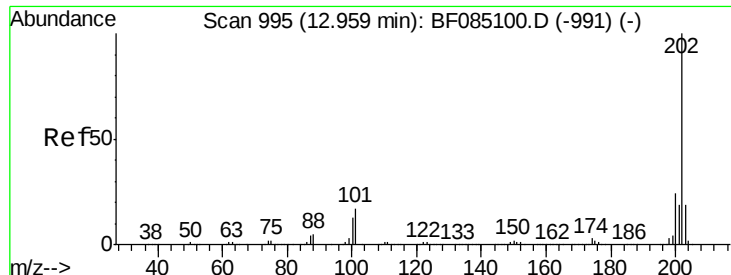
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.6	18.8
183	11.2	9.5	14.3

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





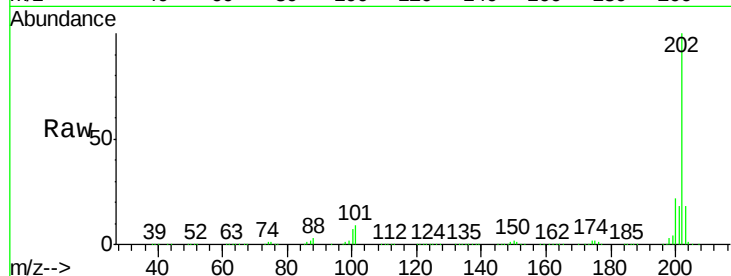
#77
 Pyrene
 Concen: 47.86 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB88627BS

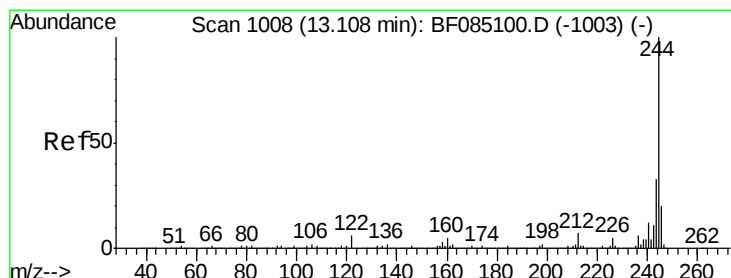
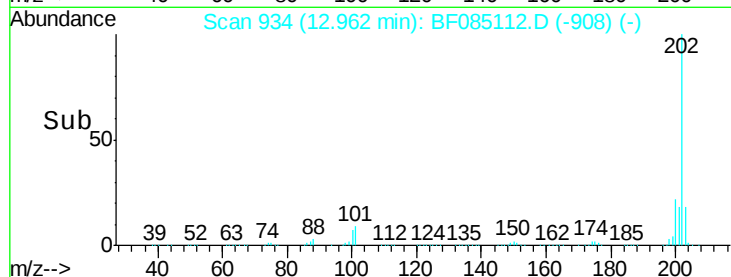
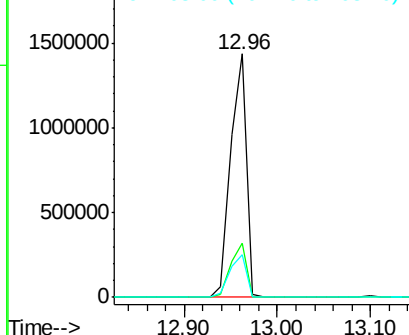
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	19.0	28.6
203	17.5	15.0	22.6

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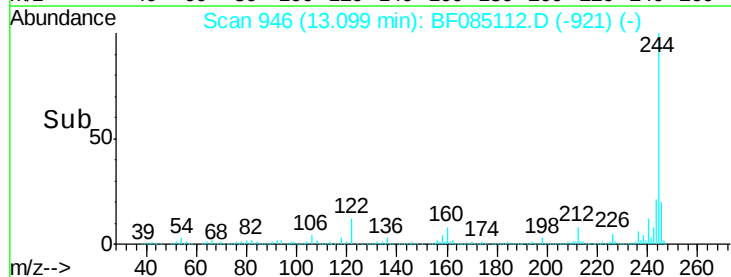
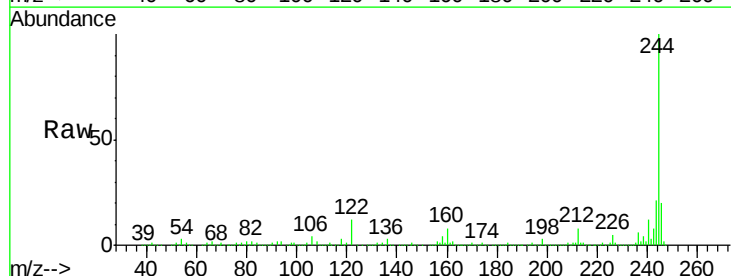
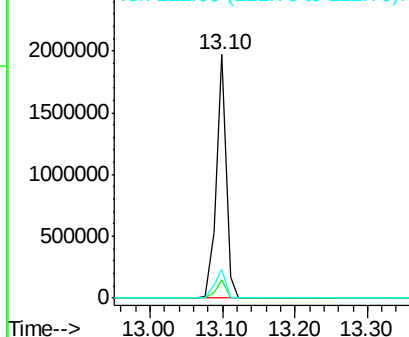
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

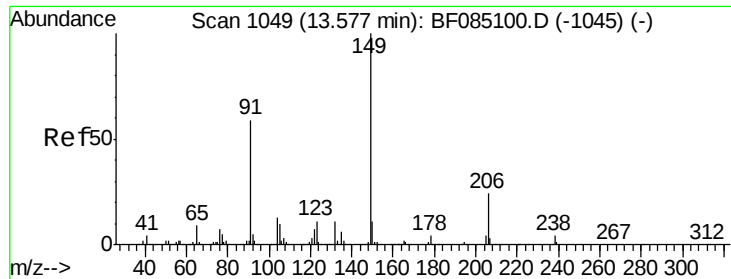


#78
 Terphenyl-d14
 Concen: 82.82 ng
 RT: 13.10 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	12.0	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





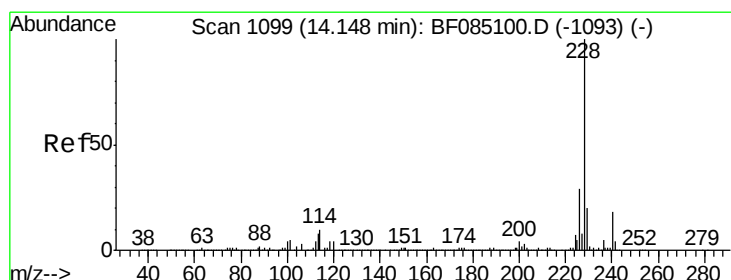
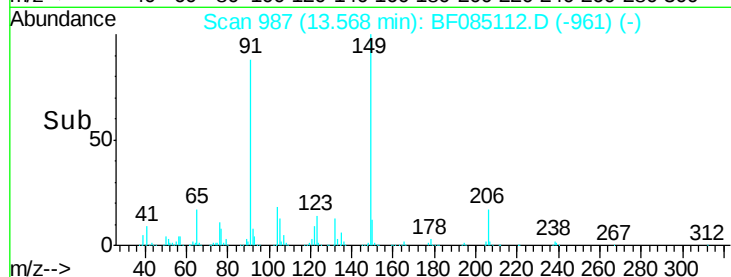
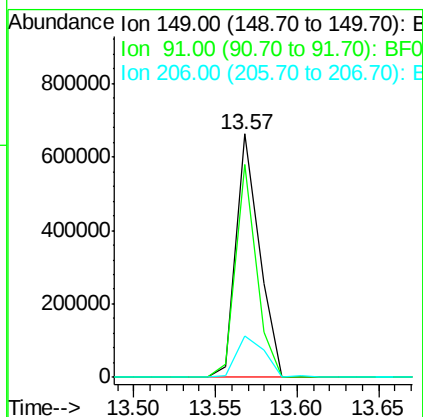
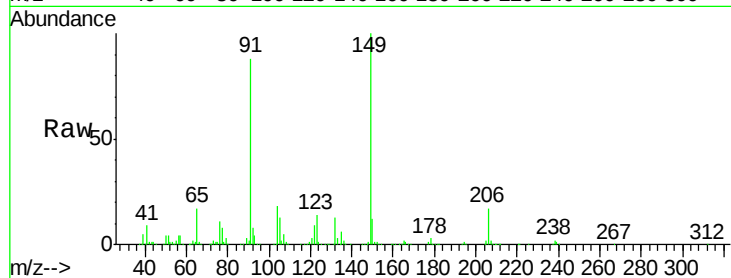
#79
Butylbenzylphthalate
Concen: 43.01 ng
RT: 13.57 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :
PB88627BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	87.6	46.9	70.3#
206	17.2	19.0	28.6#

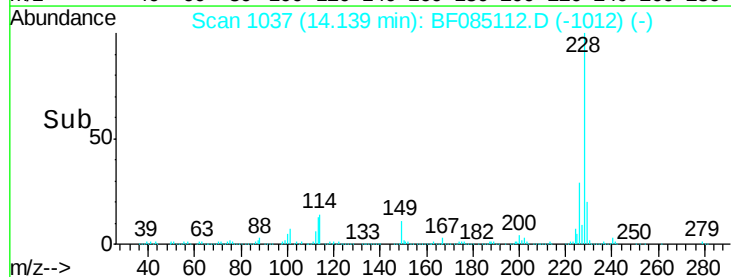
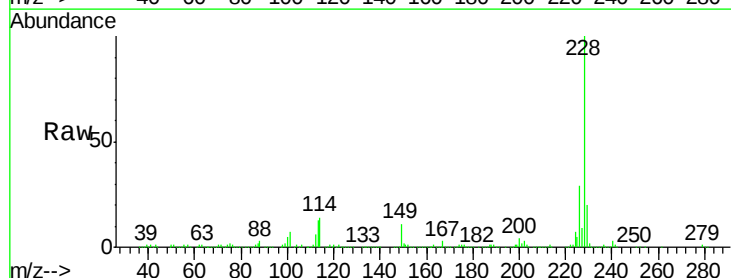
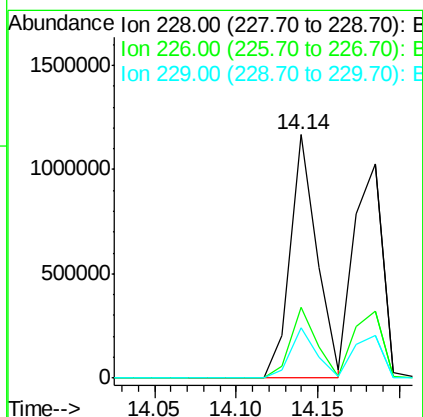
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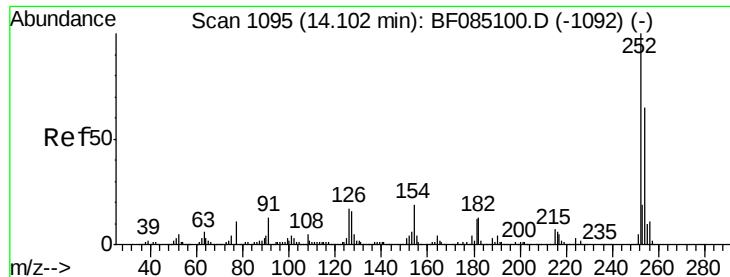
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#80
Benzo(a)anthracene
Concen: 43.82 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.9	23.0	34.4
229	20.5	16.1	24.1





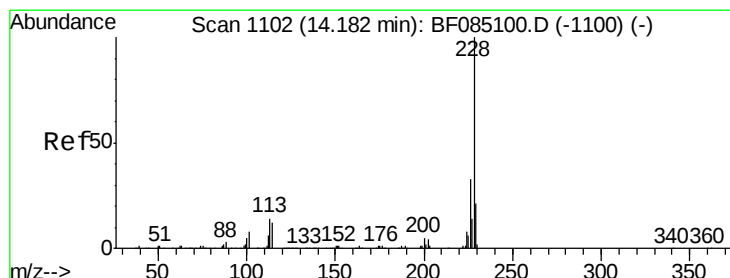
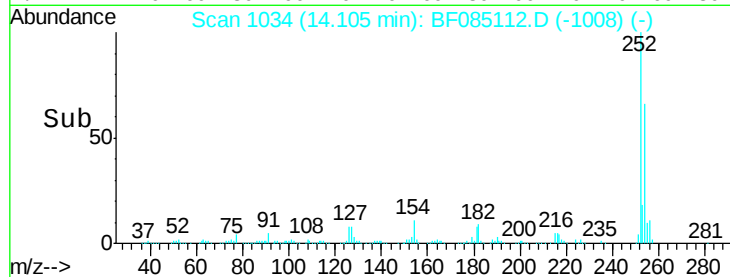
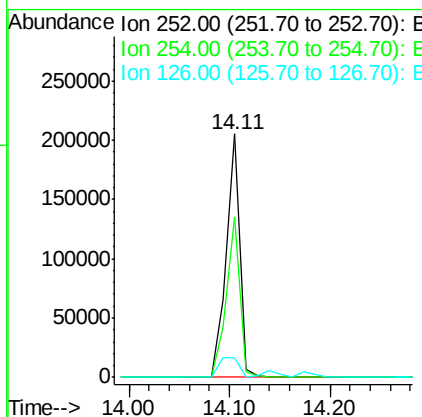
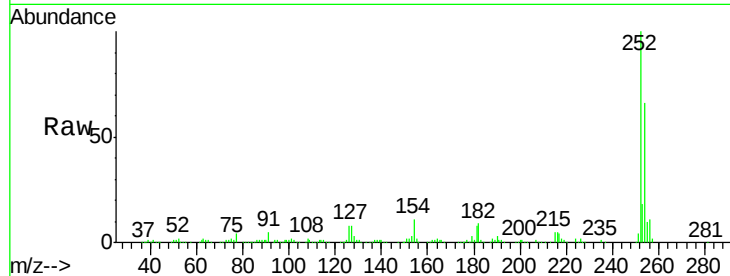
#81
 3,3'-Dichlorobenzidine
 Concen: 20.35 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB88627BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.8	77.6
126	7.9	13.2	19.8

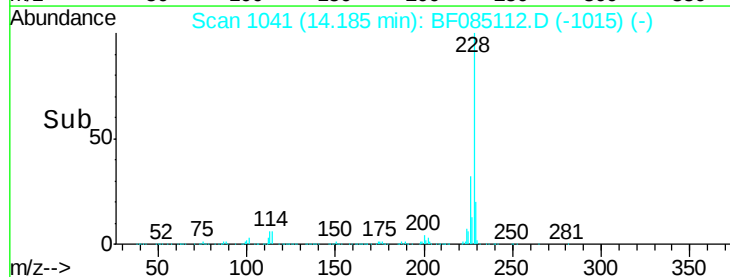
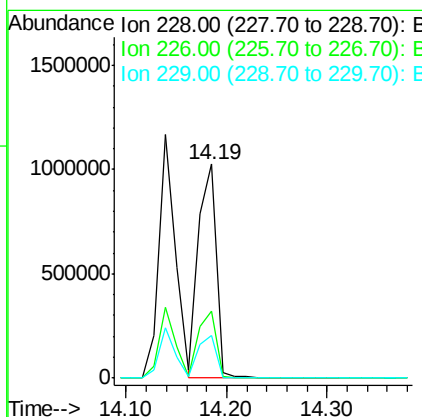
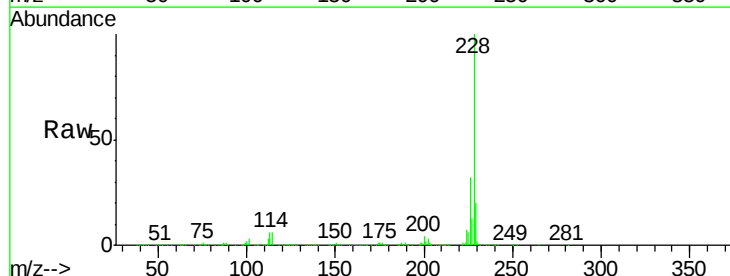
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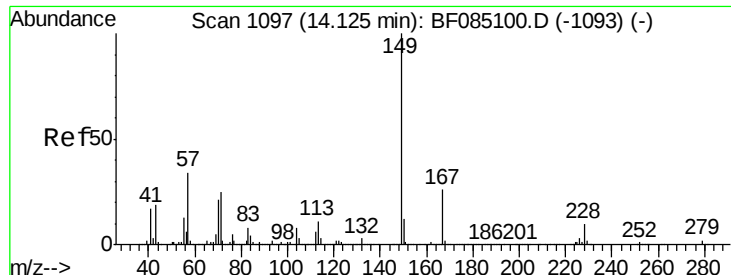
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#82
 Chrysene
 Concen: 46.01 ng
 RT: 14.19 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	26.2	39.4
229	19.9	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.22 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

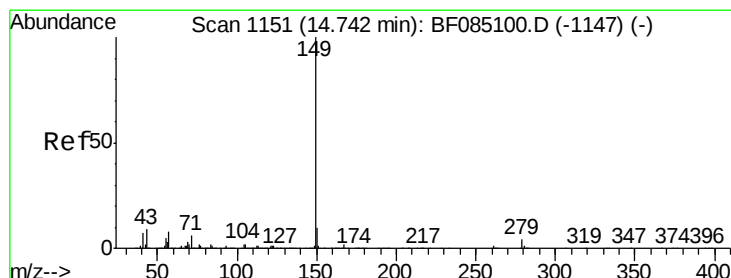
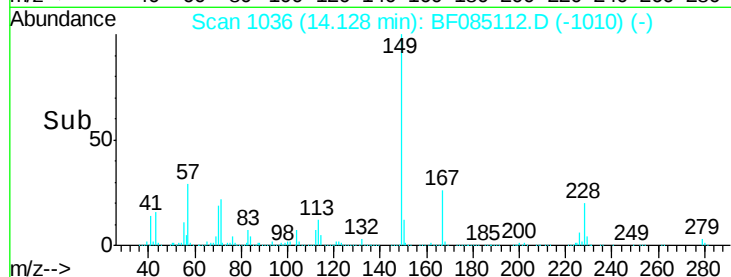
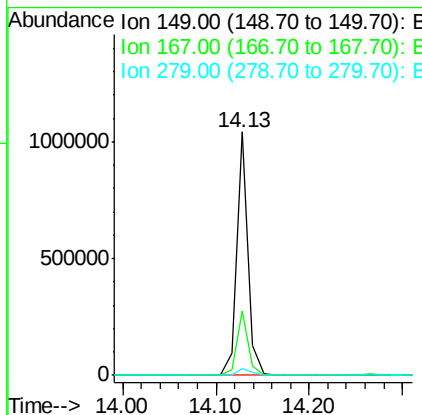
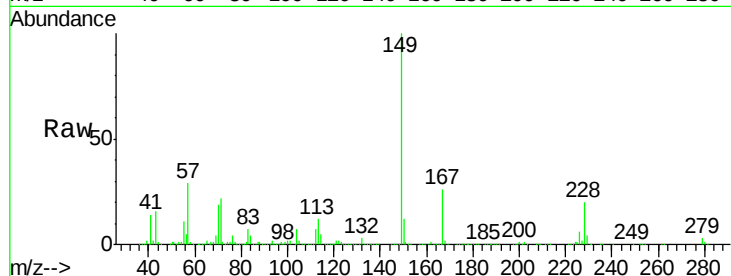
ClientSampleId :

PB88627BS

Tgt Ion:	149	Resp:	877851
Ion Ratio	Lower	Upper	
149	100		
167	26.3	20.6	31.0
279	3.0	2.0	3.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 51.15 ng

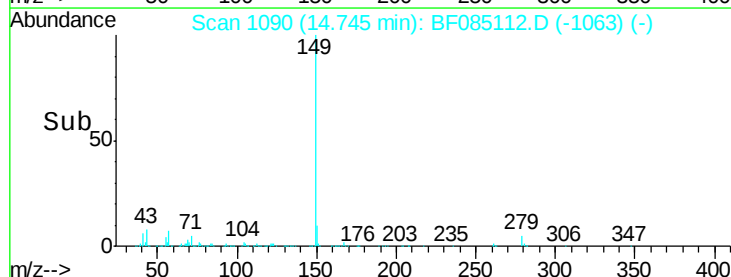
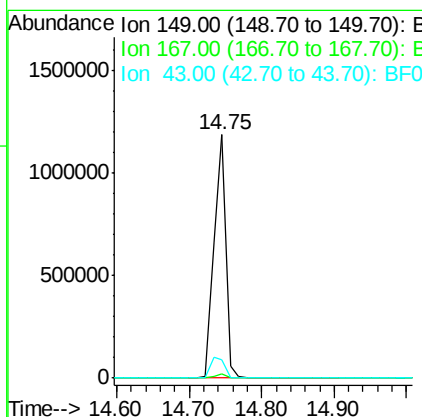
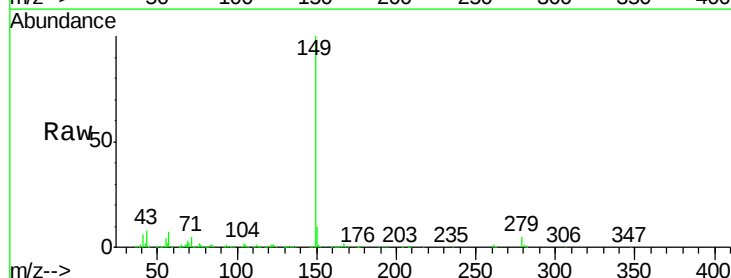
RT: 14.75 min Scan# 1090

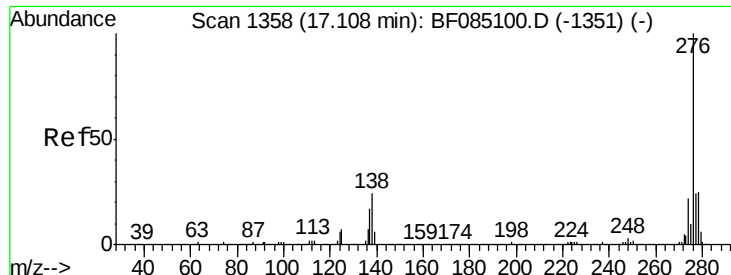
Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Tgt Ion:	149	Resp:	1327232
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.3	8.8	13.2





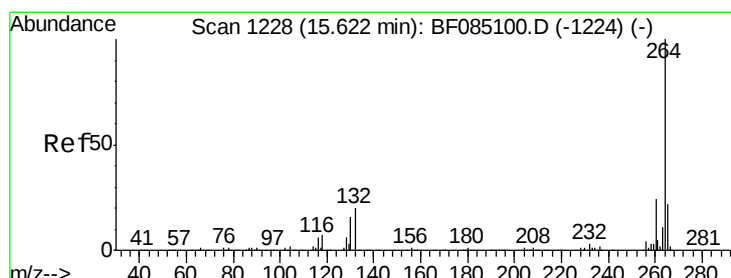
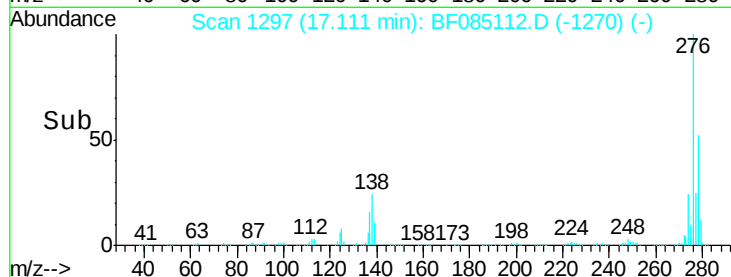
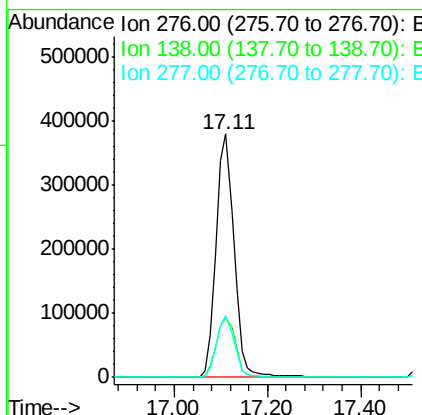
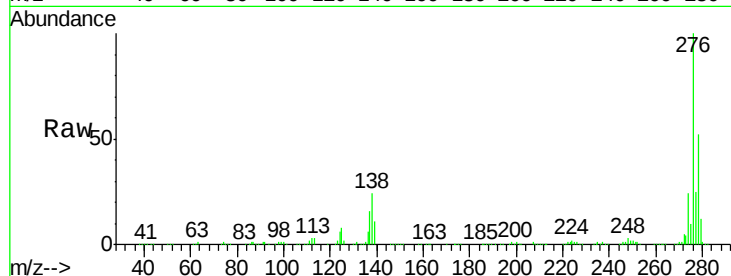
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.34 ng
 RT: 17.11 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB88627BS

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

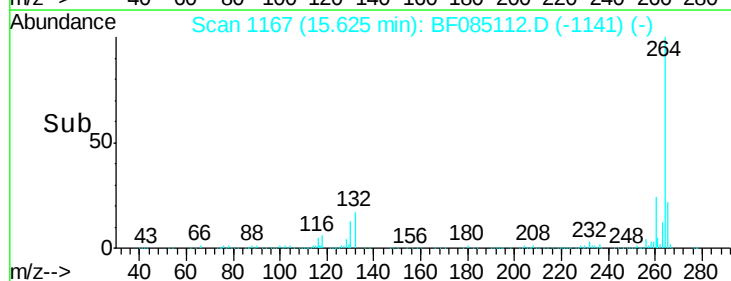
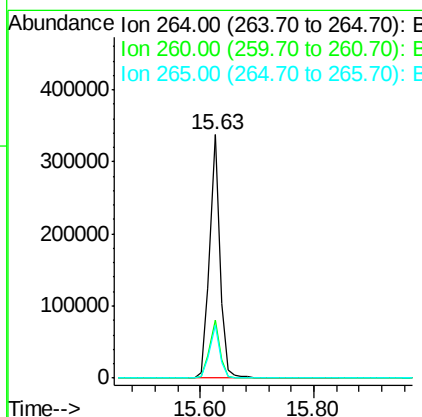
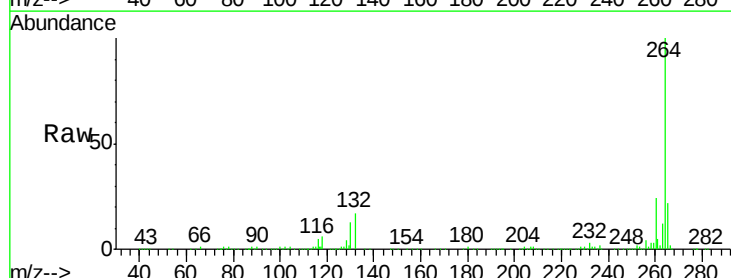
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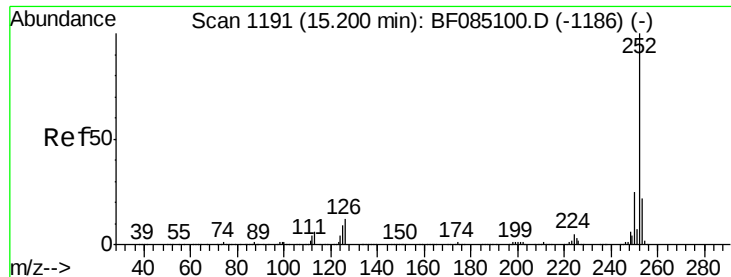
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.6	17.4	26.2





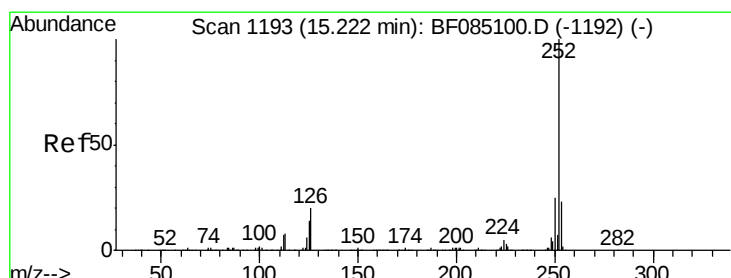
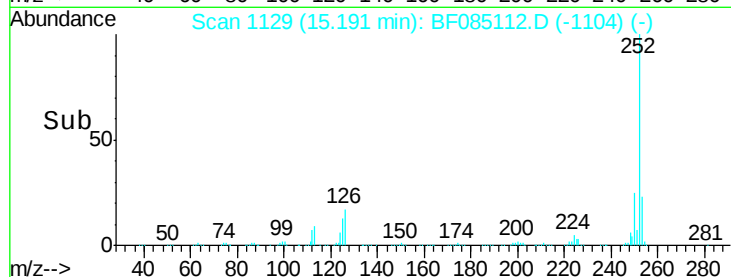
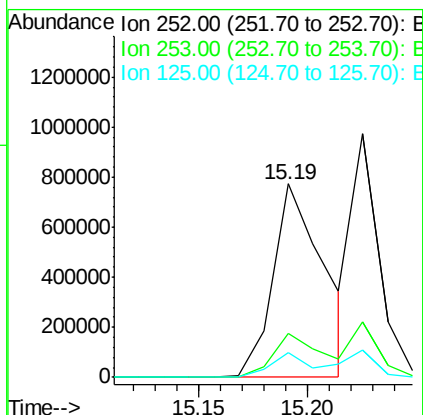
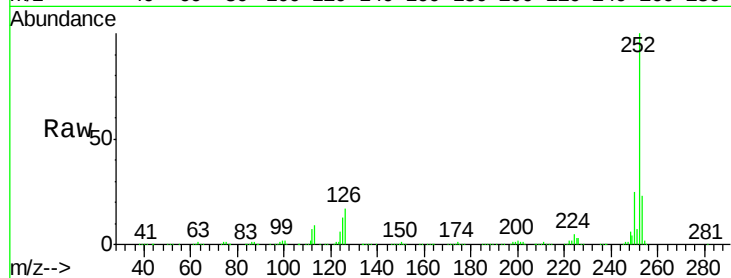
#87
Benzo(b)fluoranthene
Concen: 50.35 ng
RT: 15.19 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :
PB88627BS

Tgt Ion:252 Resp: 1263246
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 12.7 7.0 10.4#

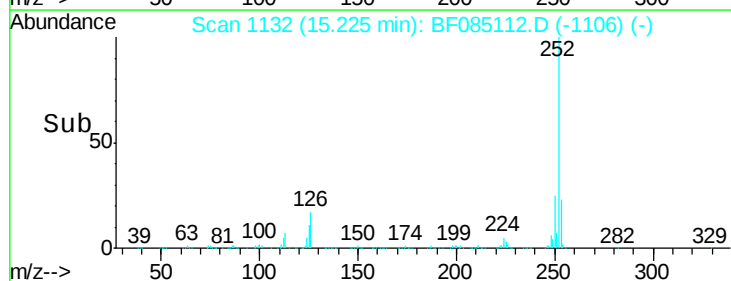
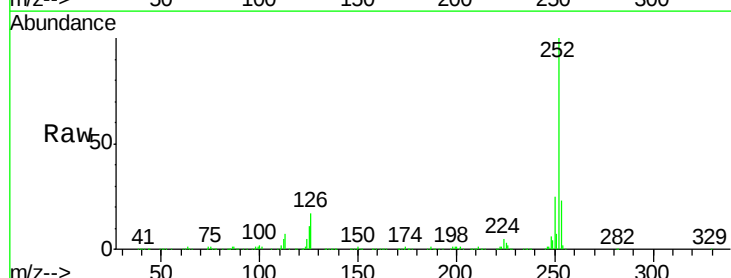
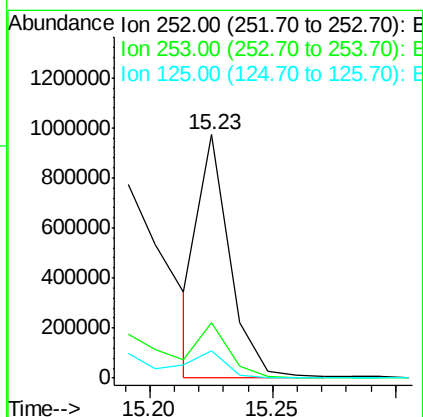
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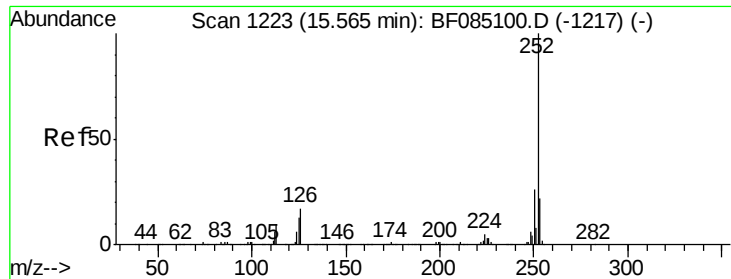
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#88
Benzo(k)fluoranthene
Concen: 39.20 ng m
RT: 15.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion:252 Resp: 851786
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 11.4 11.1 16.7





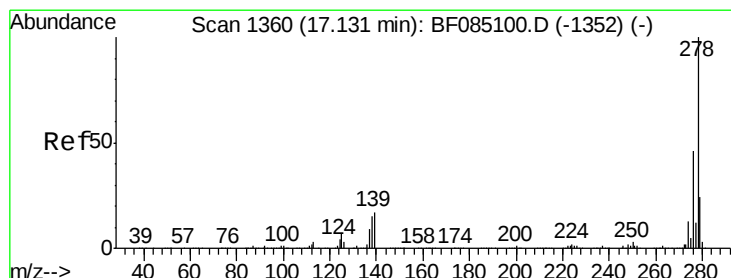
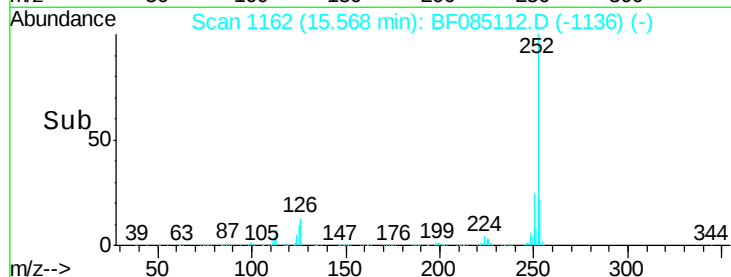
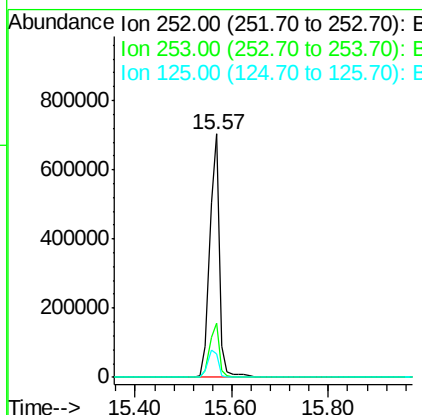
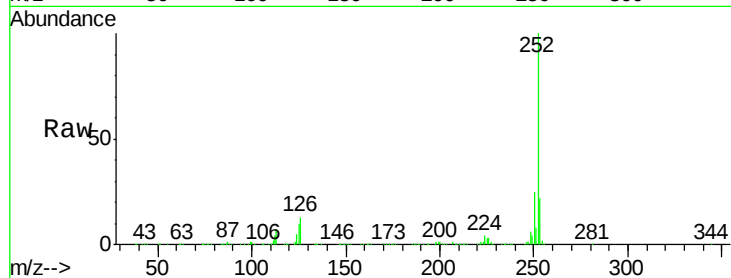
#89
Benzo(a)pyrene
Concen: 47.01 ng
RT: 15.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :
PB88627BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.7	10.2	15.2#

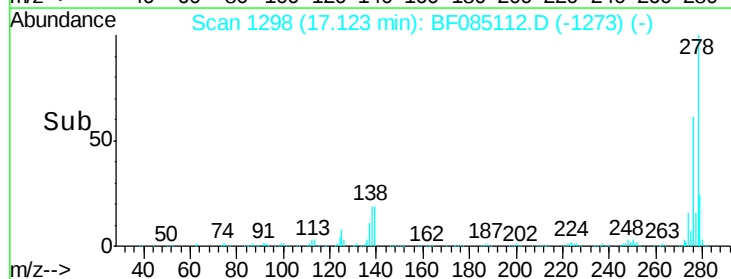
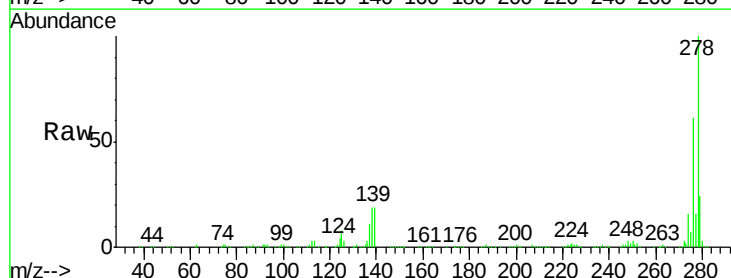
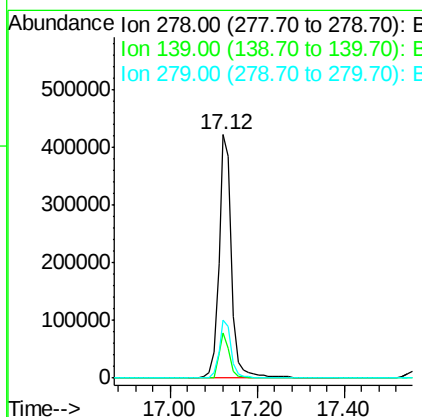
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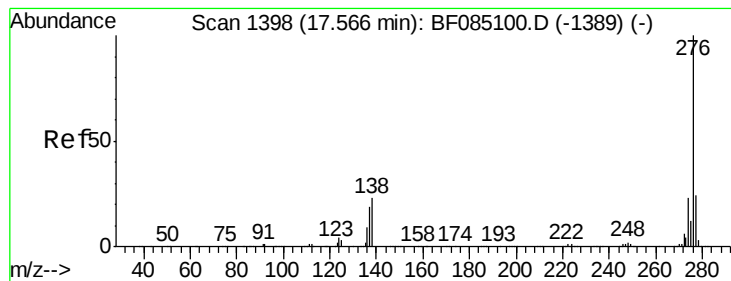
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#90
Dibenzo(a,h)anthracene
Concen: 45.54 ng
RT: 17.12 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	13.6	20.4
279	23.8	19.3	28.9





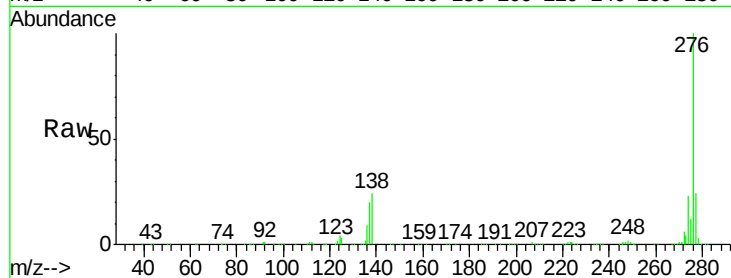
#91
 Benzo(g,h,i)perylene
 Concen: 44.48 ng
 RT: 17.56 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB88627BS

Tgt Ion:	276	Resp:	859589
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.0	28.4
138	23.6	18.1	27.1

Manual Integrations
 APPROVED

UMANGI
 3/3/2016 2:05:23 PM



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

