

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080352.D
 Acq On : 6 Jul 2015 18:52
 Operator : TP/IZ
 Sample : PB84363BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Manual Integrations
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 7/7/2015 4:25:53 PM

Quant Time: Jul 07 04:53:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	37027	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	139085	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	66676	20.00	ng	0.00
63) Phenanthrene-d10	11.79	188	139960	20.00	ng	0.00
75) Chrysene-d12	14.84	240	155033	20.00	ng	0.10
86) Perylene-d12	16.75	264	142936	20.00	ng	0.19

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	273335	135.20	ng	0.00
7) Phenol-d6	6.83	99	341613	127.47	ng	0.00
23) Nitrobenzene-d5	7.79	82	207809	87.15	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	96336	138.08	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	441550	89.37	ng	0.00
78) Terphenyl-d14	13.53	244	566966	85.30	ng	0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.04	88	32512	34.06	ng	94
3) Pyridine	3.88	79	88616	36.48	ng	99
4) n-Nitrosodimethylamine	3.78	42	48854	42.80	ng	98
6) Aniline	6.89	93	98836	26.64	ng	99
8) 2-Chlorophenol	7.01	128	99782	42.58	ng	99
9) Benzaldehyde	6.77	77	58811	39.46	ng	99
10) Phenol	6.85	94	121503	41.81	ng	97
11) bis(2-Chloroethyl)ether	6.94	93	88998	40.60	ng	97
12) 1,3-Dichlorobenzene	7.17	146	114549	39.81	ng	99
13) 1,4-Dichlorobenzene	7.25	146	104118	38.75	ng	97
14) 1,2-Dichlorobenzene	7.40	146	111803	41.11	ng	98
15) Benzyl Alcohol	7.36	79	87547	42.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.49	45	146873	41.43	ng	99
17) 2-Methylphenol	7.46	107	71879m	39.57	ng	
18) Hexachloroethane	7.74	117	33621	38.95	ng	# 61
19) n-Nitroso-di-n-propylamine	7.62	70	66234	38.09	ng	# 77
20) 3+4-Methylphenols	7.62	107	104085	41.11	ng	96
22) Acetophenone	7.63	105	143356	44.68	ng	# 98
24) Nitrobenzene	7.80	77	102537	42.81	ng	98
25) Isophorone	8.04	82	193692	42.20	ng	98
26) 2-Nitrophenol	8.13	139	43231	41.70	ng	99
27) 2,4-Dimethylphenol	8.16	122	89697	43.98	ng	98
28) bis(2-Chloroethoxy)methane	8.25	93	124449	43.66	ng	99
29) 2,4-Dichlorophenol	8.36	162	80358	44.38	ng	# 83
30) 1,2,4-Trichlorobenzene	8.46	180	85123	39.55	ng	99
31) Naphthalene	8.54	128	289212m	40.54	ng	
32) Benzoic acid	8.22	122	43135	41.46	ng	95
33) 4-Chloroaniline	8.58	127	73699	25.92	ng	97
34) Hexachlorobutadiene	8.66	225	54189	41.39	ng	100
35) Caprolactam	8.92	113	24983	44.67	ng	88
36) 4-Chloro-3-methylphenol	9.05	107	77807	41.64	ng	97
37) 2-Methylnaphthalene	9.24	142	192043	42.22	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	86707	41.03	ng	98
40) Hexachlorocyclopentadiene	9.39	237	75570	85.50	ng	100

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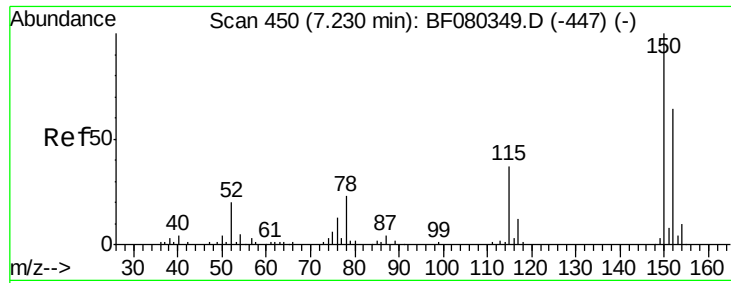
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	58021	41.68	ng	97
43) 2,4,5-Trichlorophenol	9.55	196	71259	43.92	ng	97
45) 1,1'-Biphenyl	9.70	154	255732	43.21	ng	99
46) 2-Chloronaphthalene	9.73	162	188953	41.87	ng	99
47) 2-Nitroaniline	9.81	65	57394	45.45	ng	99
48) Acenaphthylene	10.14	152	301290	40.11	ng	98
49) Dimethylphthalate	9.98	163	217632	40.65	ng	100
50) 2,6-Dinitrotoluene	10.05	165	50676	45.28	ng	93
51) Acenaphthene	10.33	154	196134	43.62	ng	94
52) 3-Nitroaniline	10.22	138	38591	30.60	ng	95
53) 2,4-Dinitrophenol	10.34	184	41189	84.14	ng	97
54) Dibenzofuran	10.50	168	276033	43.18	ng	99
55) 4-Nitrophenol	10.37	139	87643	94.82	ng	90
56) 2,4-Dinitrotoluene	10.46	165	64176	44.59	ng	100
57) Fluorene	10.84	166	235597	42.80	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.61	232	57147	43.97	ng	99
59) Diethylphthalate	10.69	149	242343	45.32	ng	100
60) 4-Chlorophenyl-phenylether	10.83	204	104752	43.00	ng	99
61) 4-Nitroaniline	10.84	138	52677	43.03	ng	98
62) Azobenzene	10.99	77	222886	43.88	ng	99
64) 4,6-Dinitro-2-methylphenol	10.88	198	33077	41.42	ng	94
65) n-Nitrosodiphenylamine	10.94	169	192810	43.25	ng	99
66) 4-Bromophenyl-phenylether	11.32	248	71301	44.47	ng	97
67) Hexachlorobenzene	11.40	284	73286	43.57	ng	97
68) Atrazine	11.46	200	54522	41.08	ng	97
69) Pentachlorophenol	11.60	266	74700	89.82	ng	95
70) Phenanthrene	11.82	178	352071	41.94	ng	99
71) Anthracene	11.87	178	351966	42.76	ng	100
72) Carbazole	12.03	167	328931	42.85	ng	98
73) Di-n-butylphthalate	12.36	149	364421	41.50	ng	99
74) Fluoranthene	13.10	202	380445	42.18	ng	97
76) Benzidine	13.23	184	212922	54.15	ng	97
77) Pyrene	13.37	202	399275	42.58	ng	99
79) Butylbenzylphthalate	14.09	149	162146	43.33	ng	# 78
80) Benzo(a)anthracene	14.83	228	385982	41.31	ng	99
81) 3,3'-Dichlorobenzidine	14.77	252	105461	34.04	ng	# 99
82) Chrysene	14.88	228	359658	41.14	ng	99
83) Bis(2-ethylhexyl)phthalate	14.82	149	249035	43.66	ng	99
84) Di-n-octyl phthalate	15.67	149	410685	43.59	ng	100
85) Indeno(1,2,3-cd)pyrene	18.55	276	389840	37.92	ng	99
87) Benzo(b)fluoranthene	16.23	252	376612	41.93	ng	99
88) Benzo(k)fluoranthene	16.26	252	347053	40.81	ng	100
89) Benzo(a)pyrene	16.67	252	349780	42.58	ng	# 97
90) Dibenzo(a,h)anthracene	18.57	278	329087	40.68	ng	98
91) Benzo(g,h,i)perylene	19.07	276	330131	40.24	ng	98

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



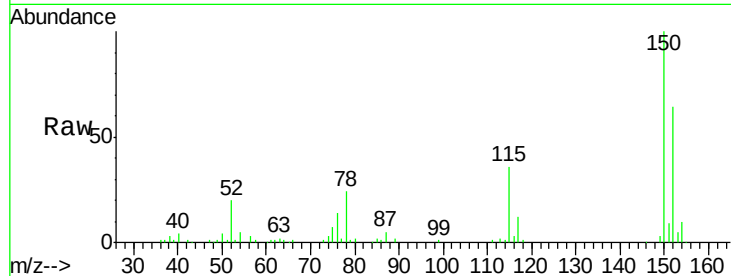
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
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 PB84363BS

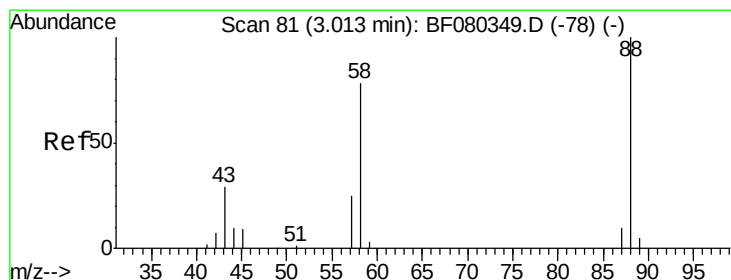
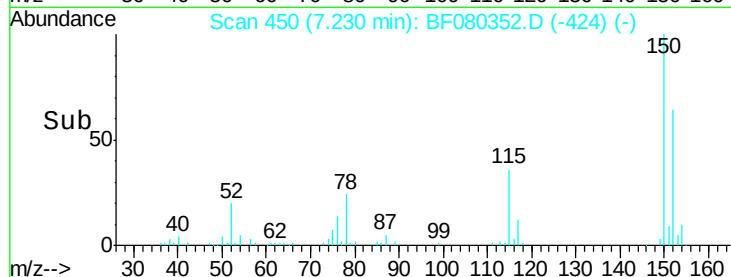
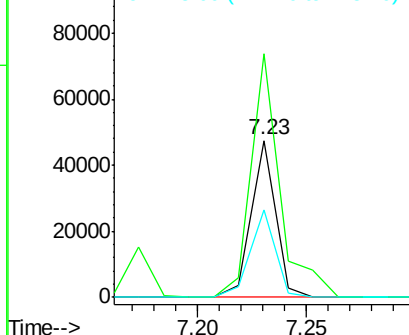
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.7	187.1
115	55.6	45.7	68.5

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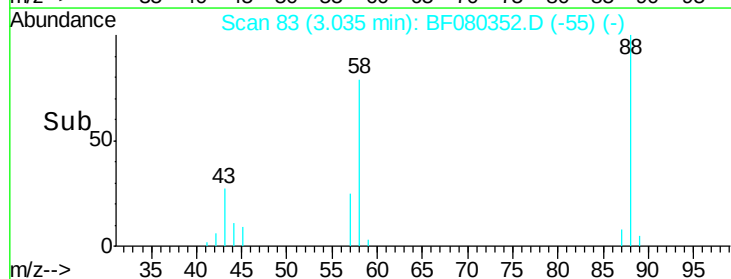
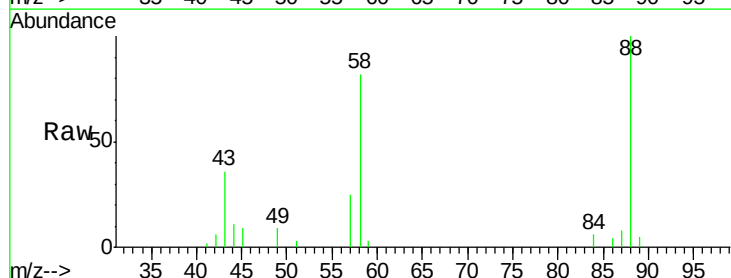
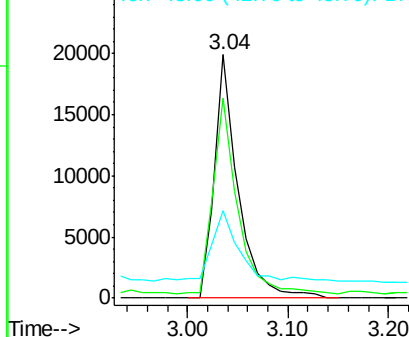
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

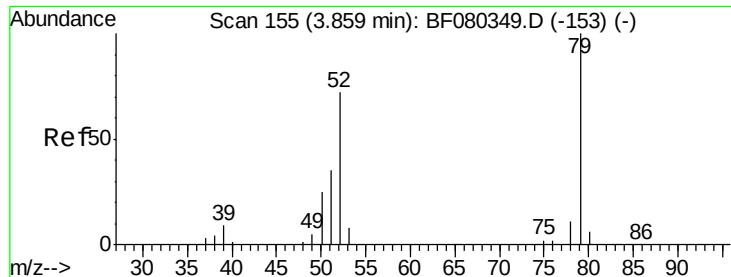


#2
 1,4-Dioxane
 Concen: 34.06 ng
 RT: 3.04 min Scan# 83
 Delta R.T. 0.02 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.2	61.0	91.6
43	30.3	23.4	35.0

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





#3

Pyridine

Concen: 36.48 ng

RT: 3.88 min Scan# 157

Delta R.T. 0.02 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

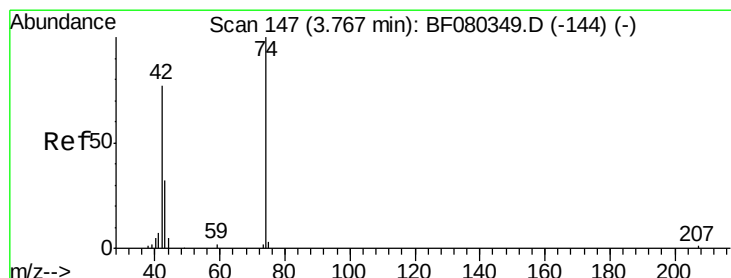
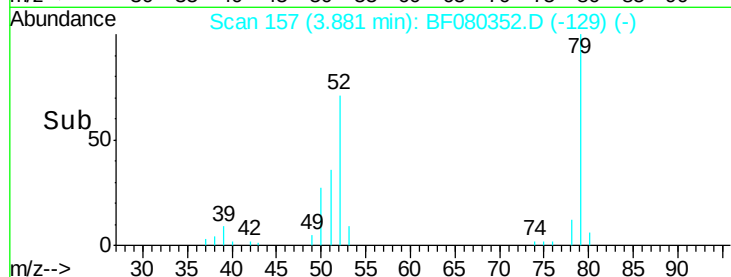
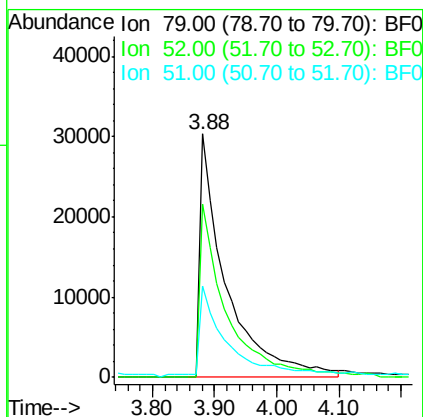
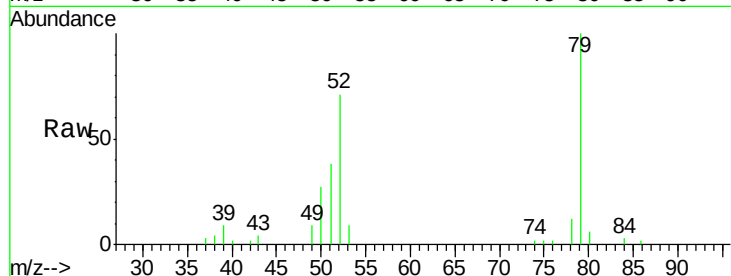
ClientSampleId :

PB84363BS

Tgt Ion:	79	Resp:	88616
Ion	Ratio	Lower	Upper
79	100		
52	71.0	57.2	85.8
51	37.7	29.4	44.0

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#4

n-Nitrosodimethylamine

Concen: 42.80 ng

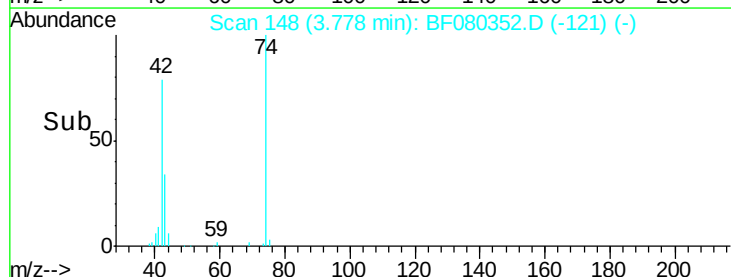
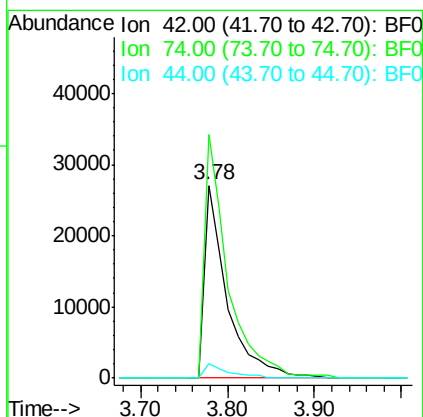
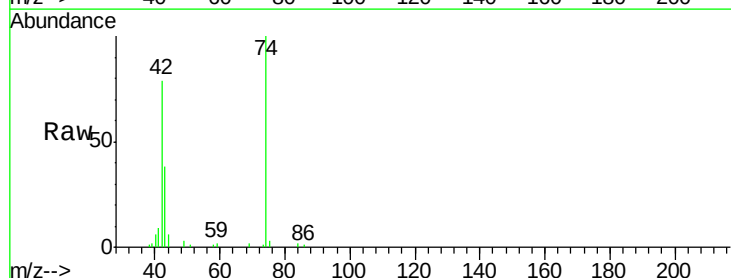
RT: 3.78 min Scan# 148

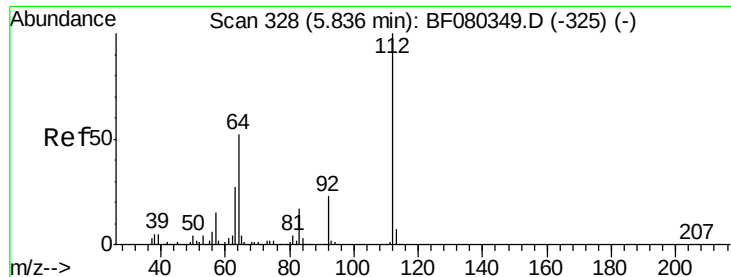
Delta R.T. 0.01 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Tgt Ion:	42	Resp:	48854
Ion	Ratio	Lower	Upper
42	100		
74	126.5	103.4	155.0
44	7.4	5.4	8.0





#5

2-Fluorophenol

Concen: 135.20 ng

RT: 5.84 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

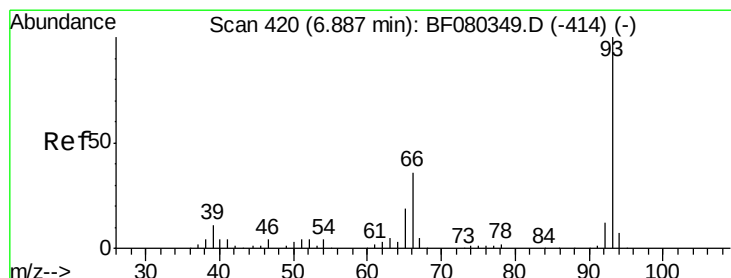
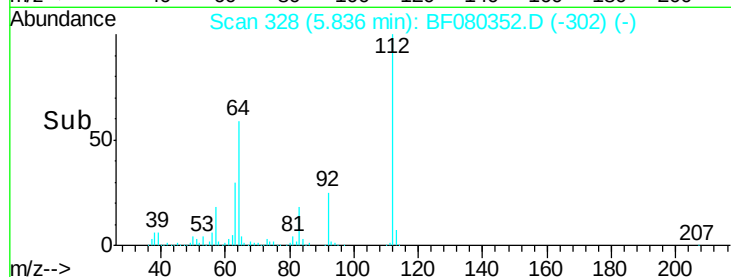
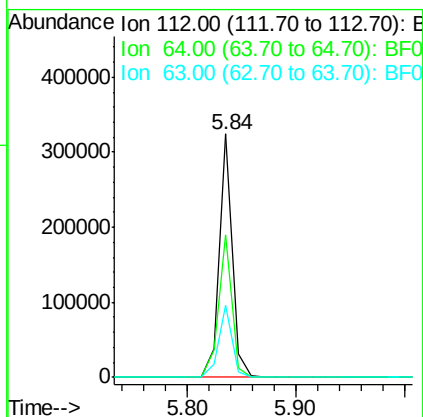
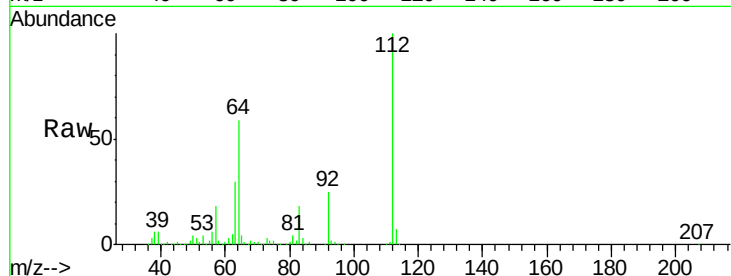
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	273335		
64	58.6	41.8	62.6	
63	29.7	21.5	32.3	



#6

Aniline

Concen: 26.64 ng

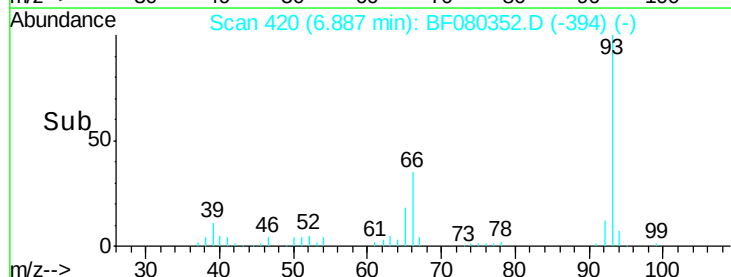
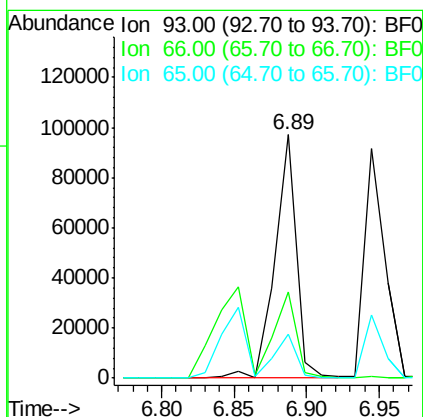
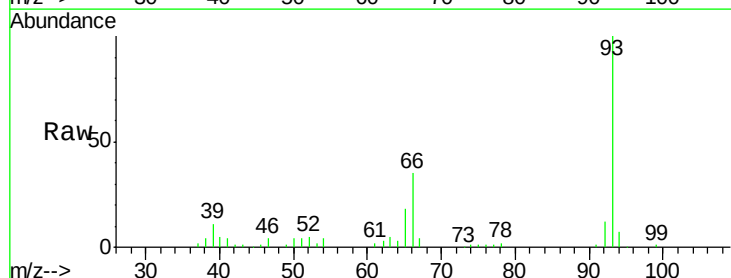
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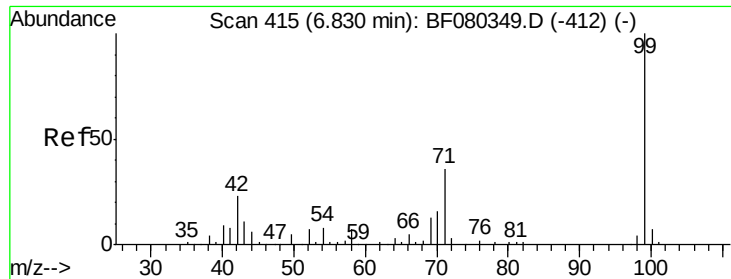
Delta R.T. -0.00 min

Lab File: BF080352.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	98836		
66	35.3	28.7	43.1	
65	18.2	14.8	22.2	





#7

Phenol-d6

Concen: 127.47 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

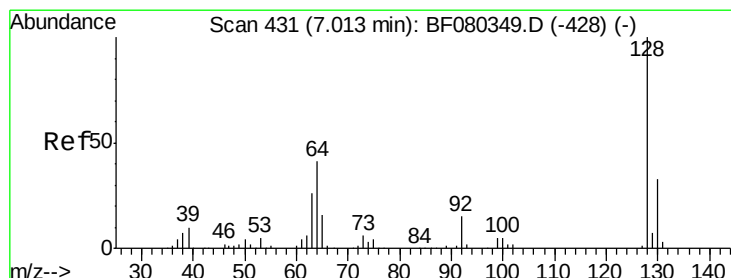
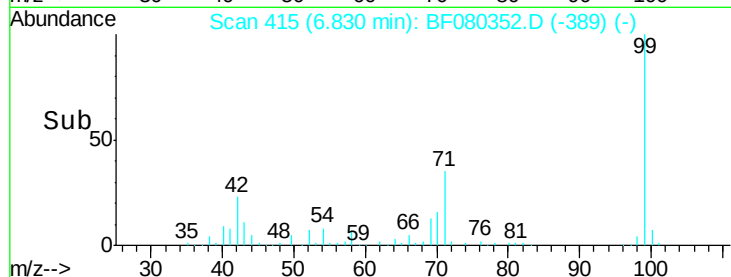
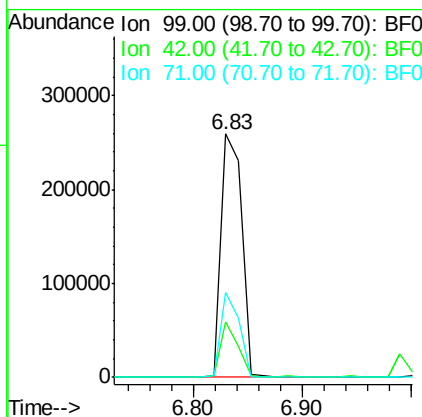
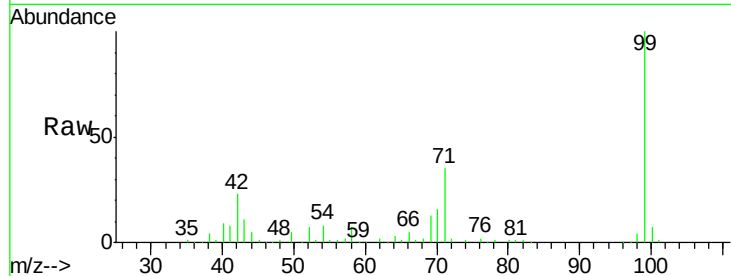
ClientSampleId :

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Tgt Ion:	99	Resp:	341613
Ion Ratio	Lower	Upper	
99	100		
42	23.0	18.5	27.7
71	34.6	28.5	42.7

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#8

2-Chlorophenol

Concen: 42.58 ng

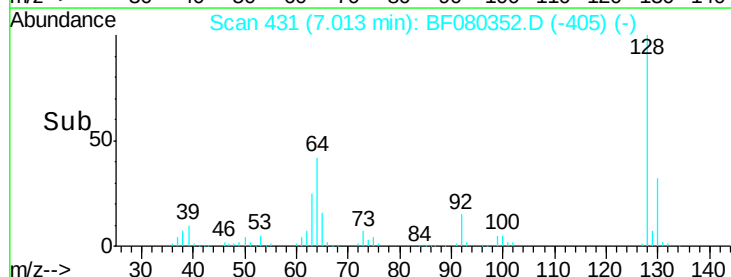
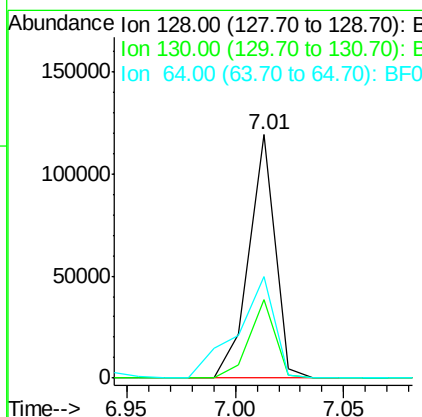
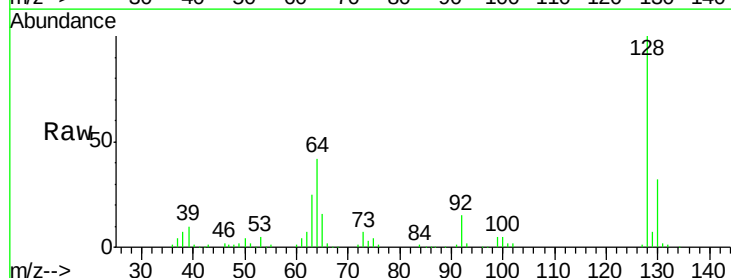
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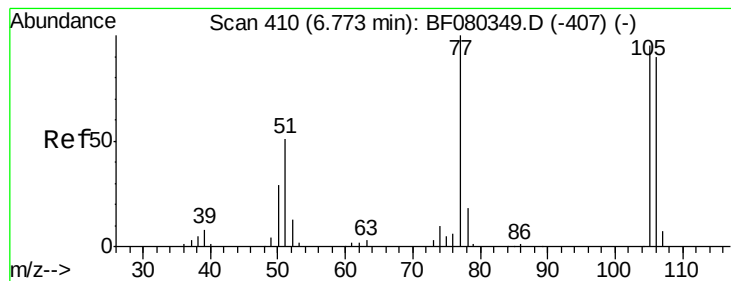
Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Tgt Ion:	128	Resp:	99782
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.8	52.8
64	41.9	21.1	61.1





#9

Benzaldehyde

Concen: 39.46 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF080352.D

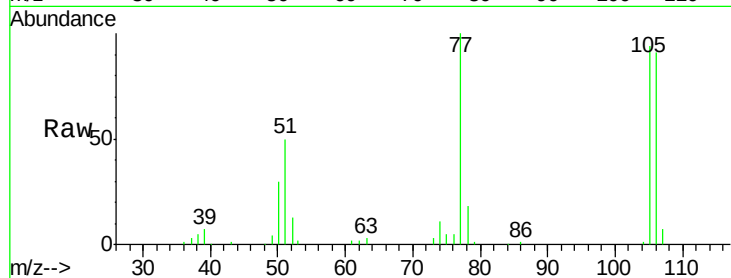
Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

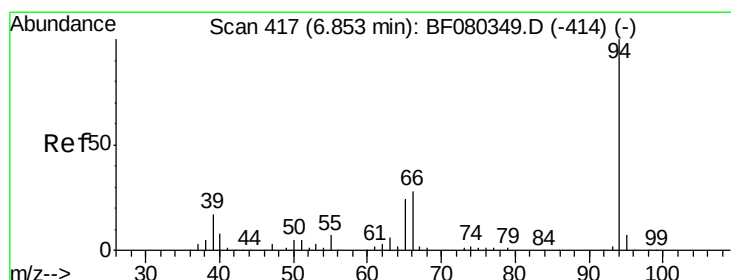
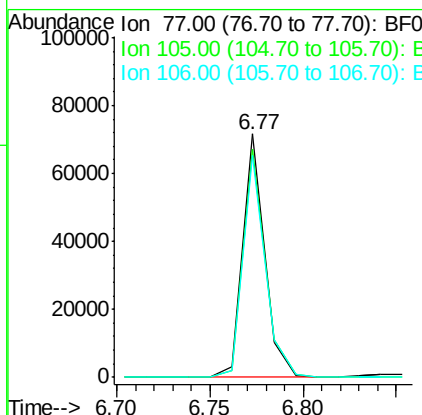
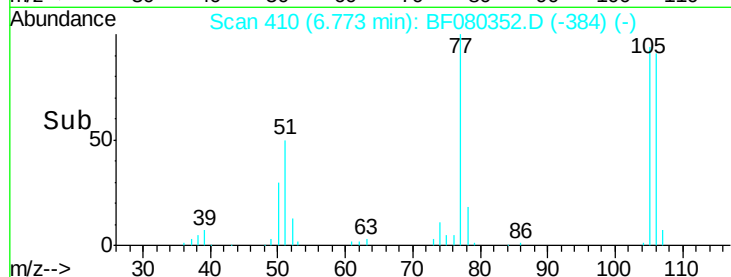
PB84363BS



Tgt Ion:	77	Resp:	58811
Ion	Ratio	Lower	Upper
77	100		
105	93.8	75.2	115.2
106	91.2	69.9	109.9

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#10

Phenol

Concen: 41.81 ng

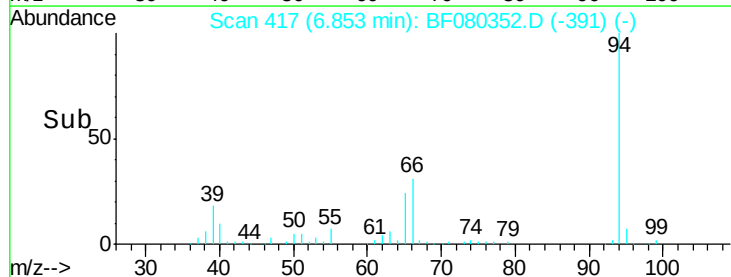
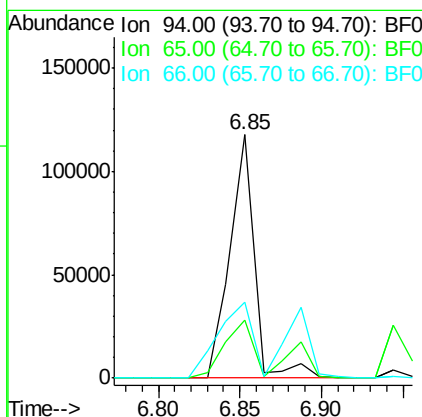
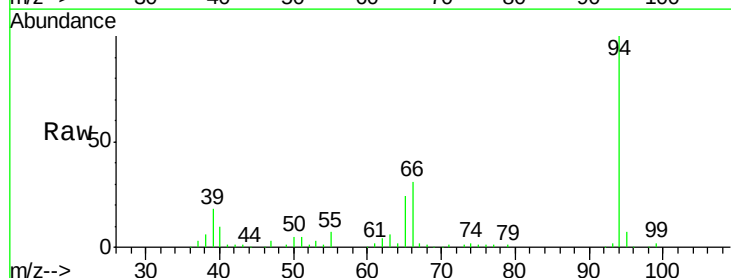
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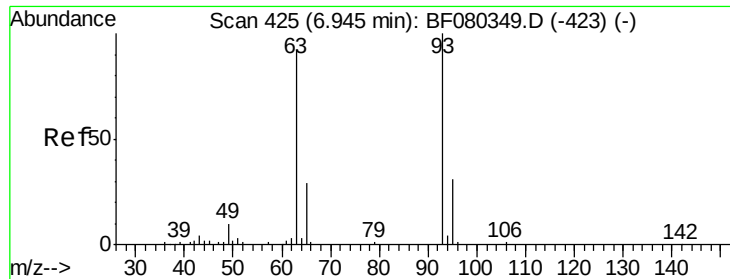
Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Tgt Ion:	94	Resp:	121503
Ion	Ratio	Lower	Upper
94	100		
65	23.9	3.5	43.5
66	31.1	8.5	48.5





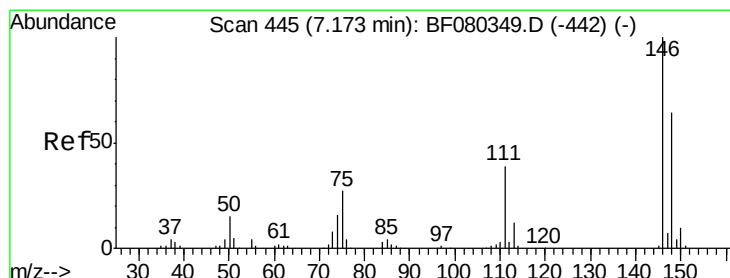
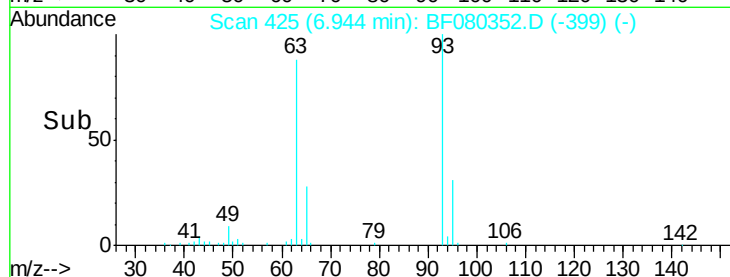
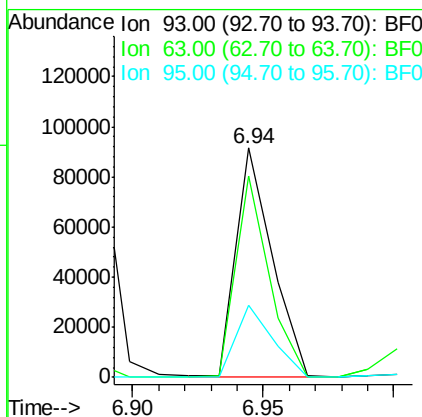
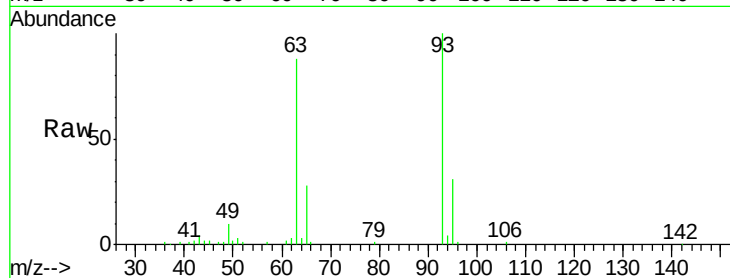
#11
bis(2-Chloroethyl)ether
Concen: 40.60 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.0	71.3	111.3
95	31.4	11.3	51.3

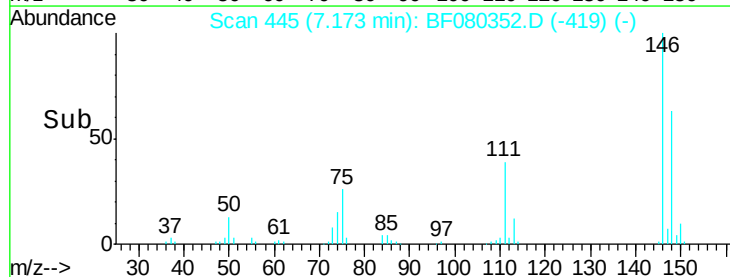
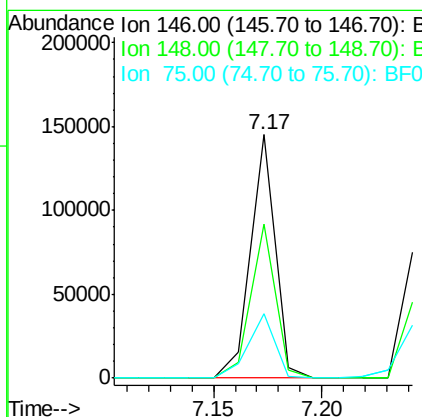
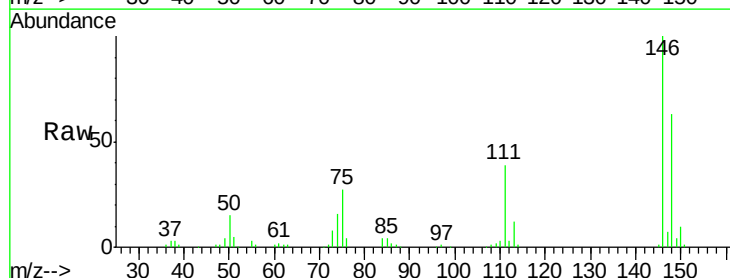
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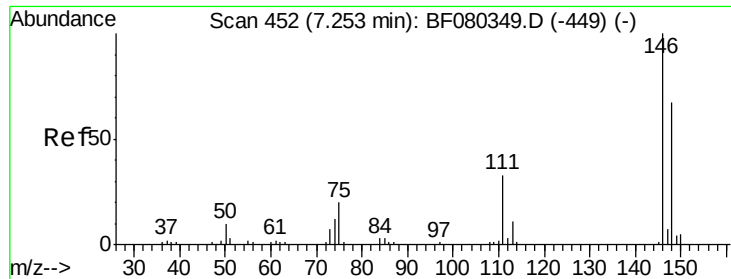
apatel
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#12
1,3-Dichlorobenzene
Concen: 39.81 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

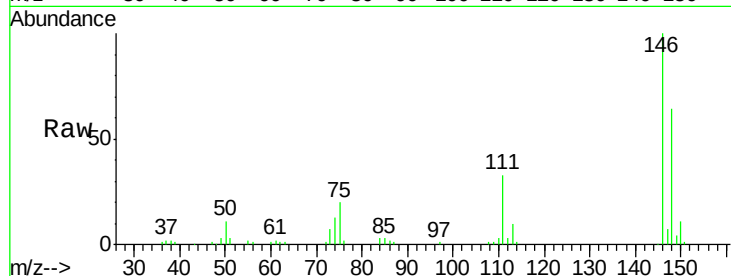
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
75	26.5	21.5	32.3





#13
 1,4-Dichlorobenzene
 Concen: 38.75 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

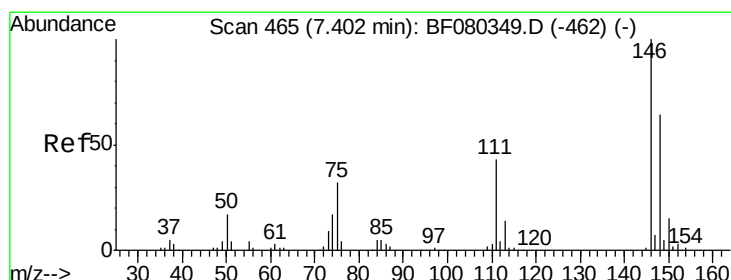
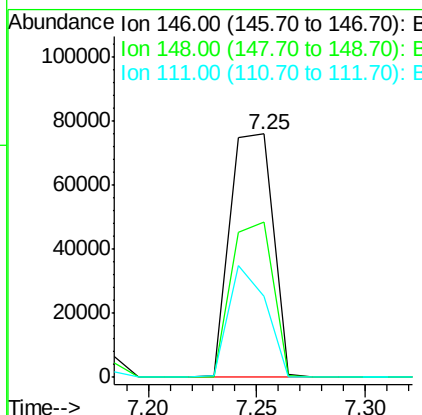
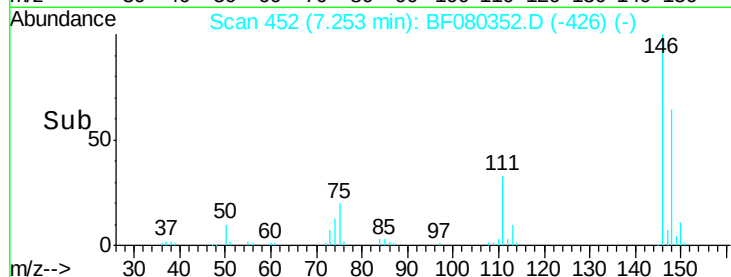
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS



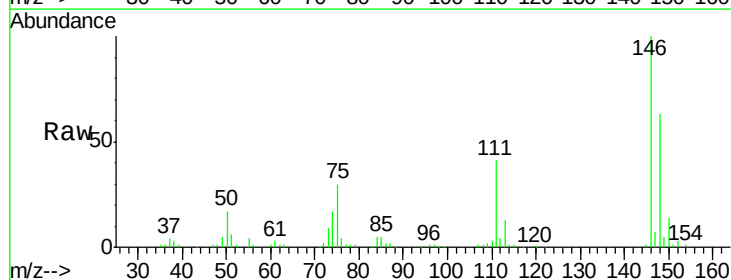
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.4	80.0
111	33.4	26.2	39.2

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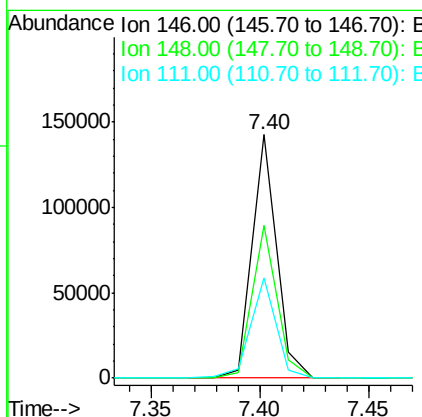
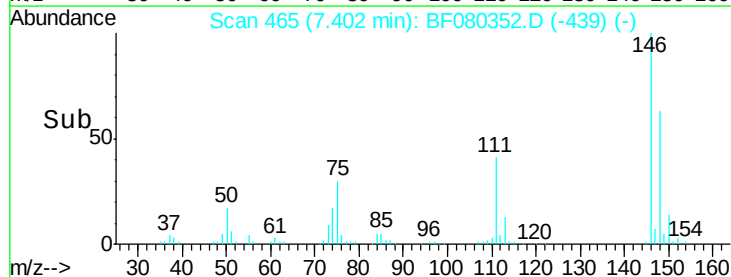
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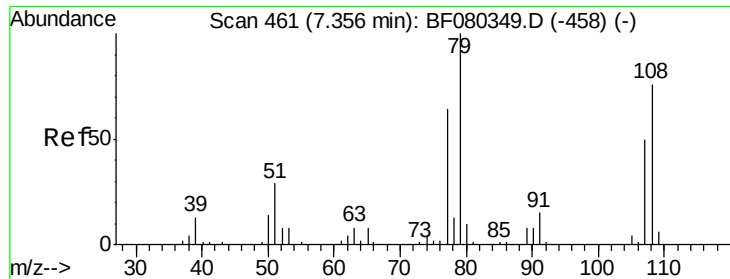


#14
 1,2-Dichlorobenzene
 Concen: 41.11 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52



Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.3	76.9
111	41.3	34.6	52.0





#15

Benzyl Alcohol

Concen: 42.20 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF080352.D

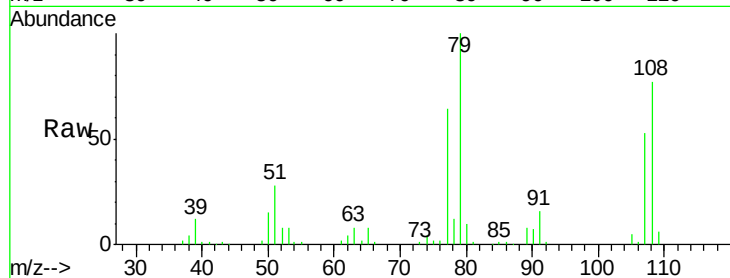
Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

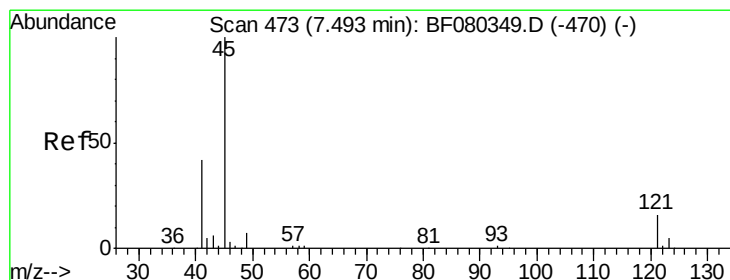
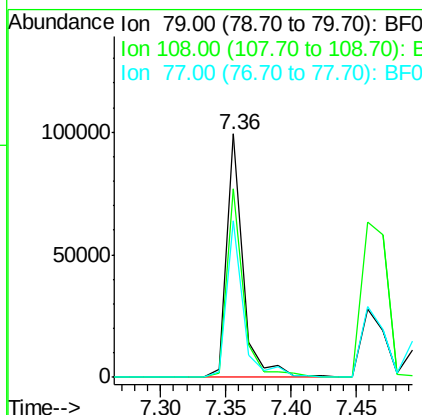
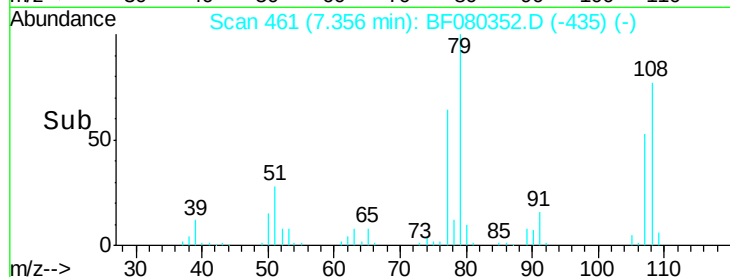
PB84363BS



Tgt Ion:	79	Resp:	87547
Ion	Ratio	Lower	Upper
79	100		
108	77.3	60.6	90.8
77	64.4	50.8	76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.43 ng

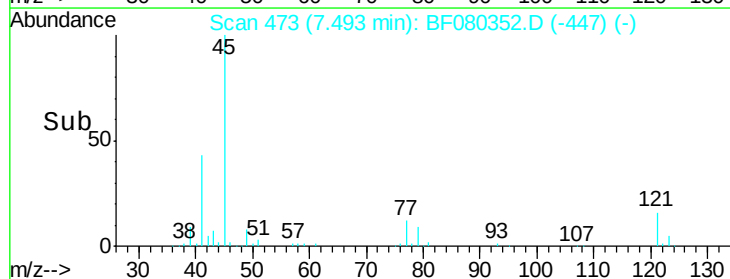
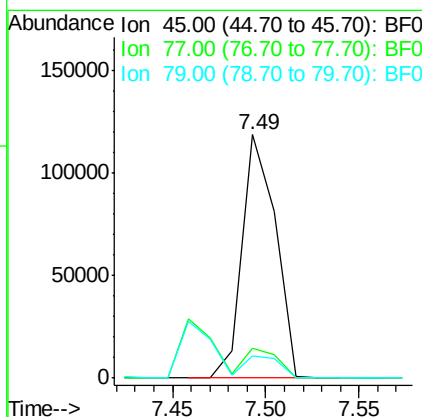
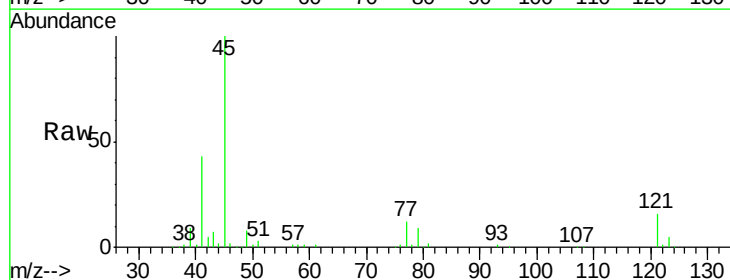
RT: 7.49 min Scan# 473

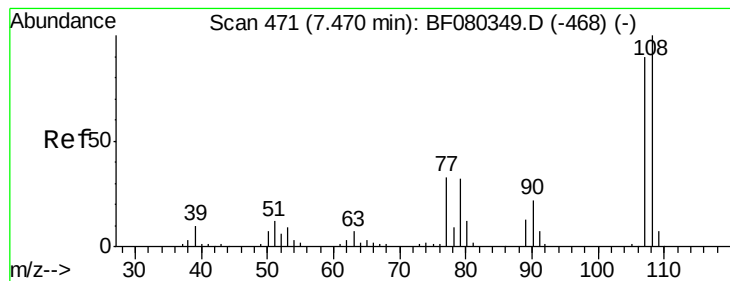
Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

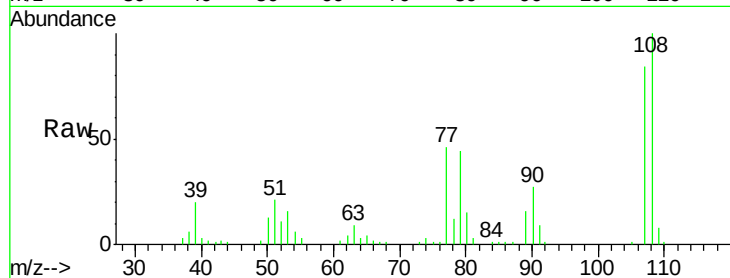
Tgt Ion:	45	Resp:	146873
Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	31.9
79	9.2	0.0	29.7





#17
2-Methylphenol
Concen: 39.57 ng m
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

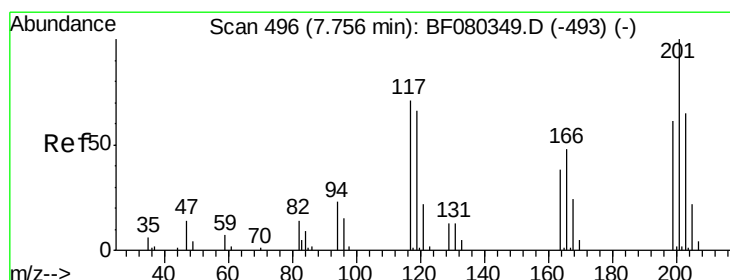
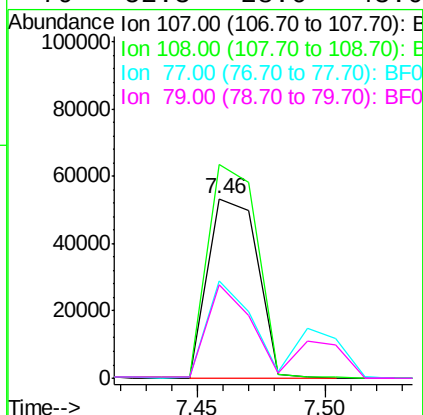
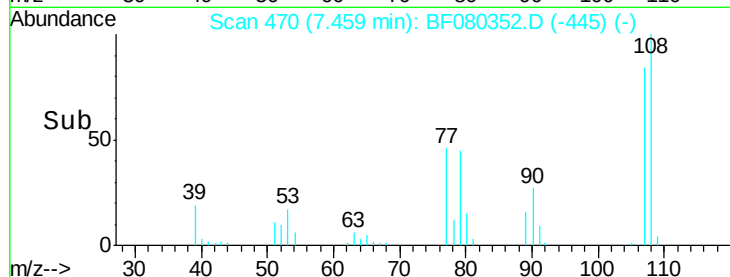
Instrument :
BNA_F
ClientSampleId :
PB84363BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	119.0	89.3	133.9
77	54.3	29.5	44.3
79	52.3	28.6	43.0

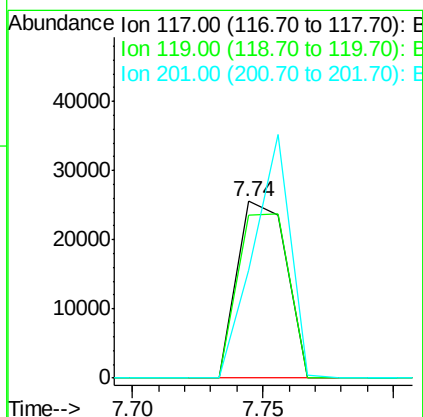
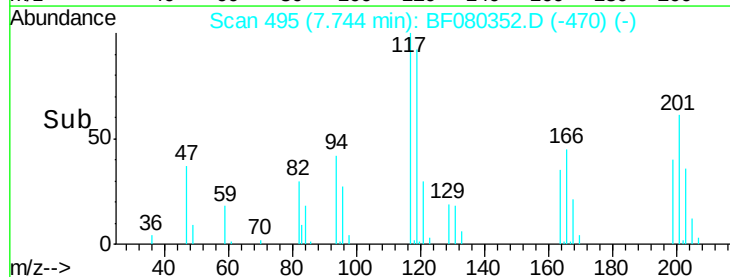
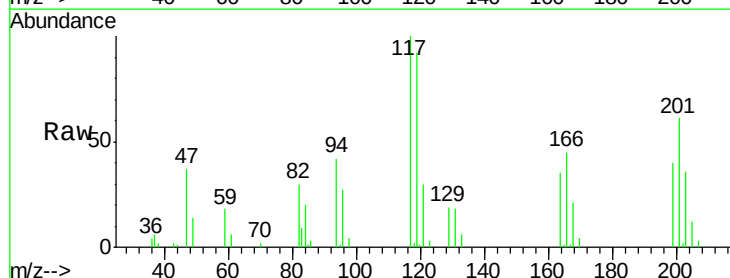
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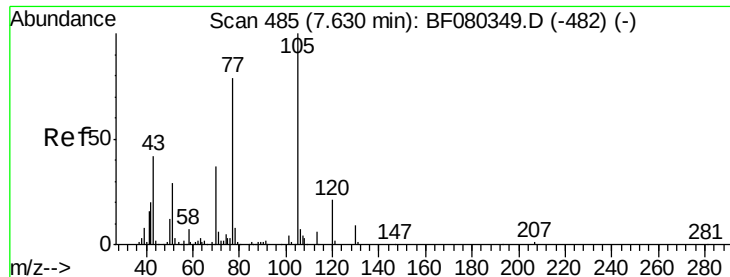
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#18
Hexachloroethane
Concen: 38.95 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	92.5	74.2	111.4
201	60.9	112.4	168.6





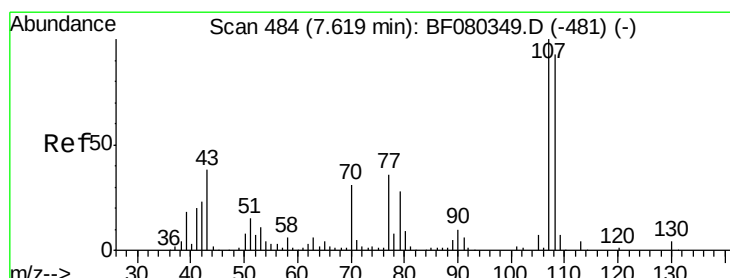
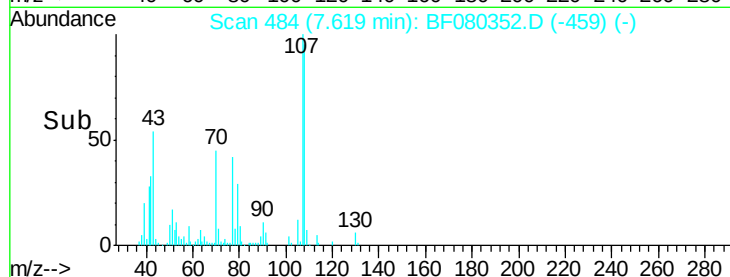
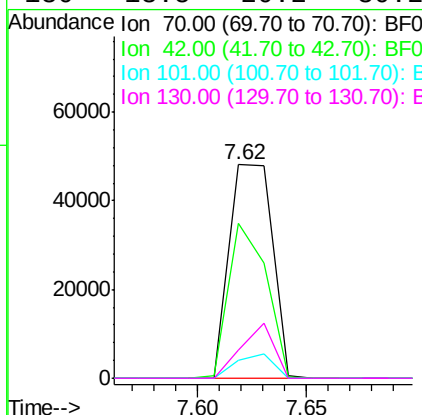
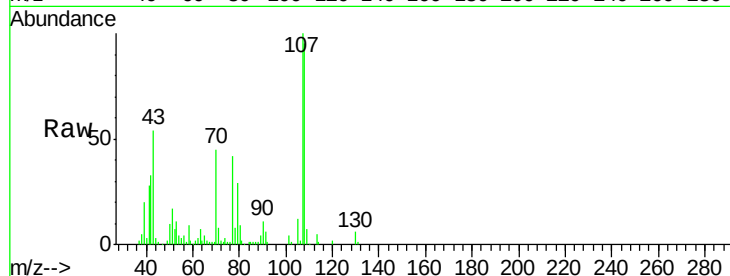
#19
n-Nitroso-di-n-propylamine
Concen: 38.09 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	72.8	43.0	64.6#
101	8.1	8.3	12.5#
130	13.5	20.2	30.2#

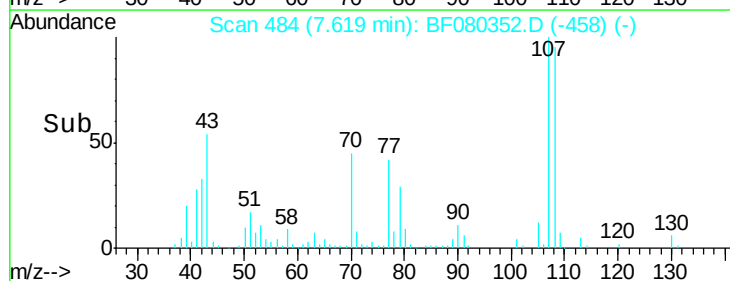
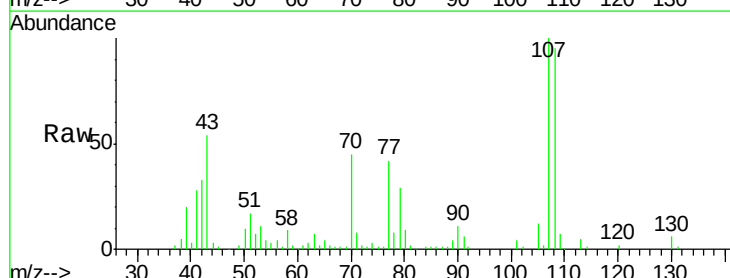
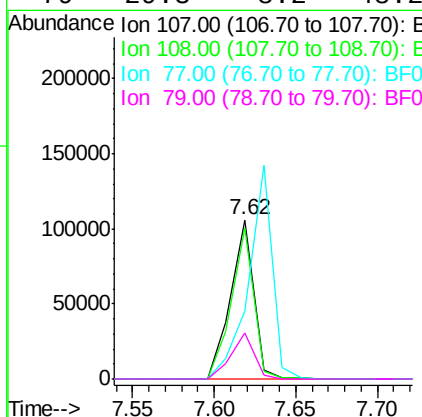
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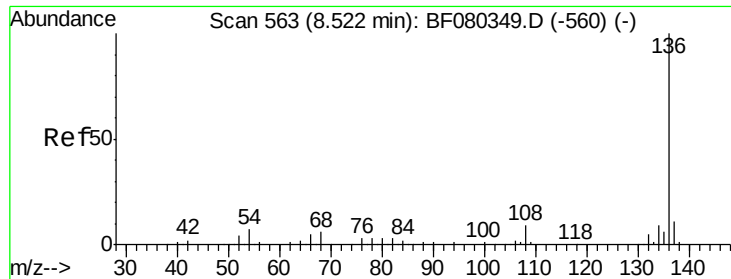
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#20
3+4-Methylphenols
Concen: 41.11 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.9	73.4	113.4
77	42.4	16.4	56.4
79	29.3	8.2	48.2





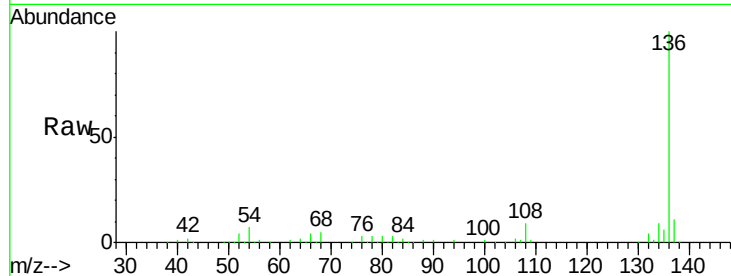
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

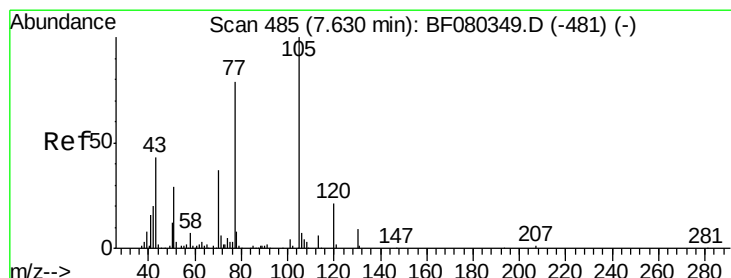
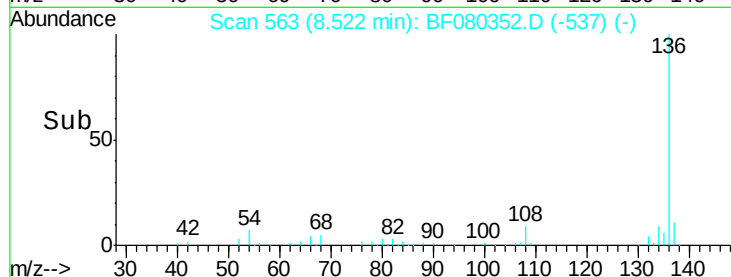
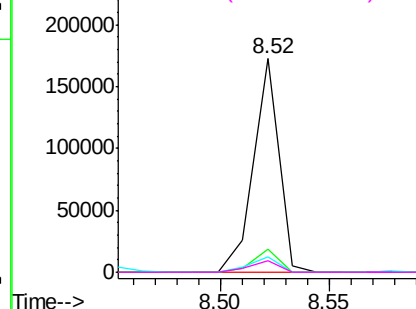
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	139085		
137	10.6	8.5	12.7	
54	7.0	5.8	8.8	
68	5.2	4.6	6.8	

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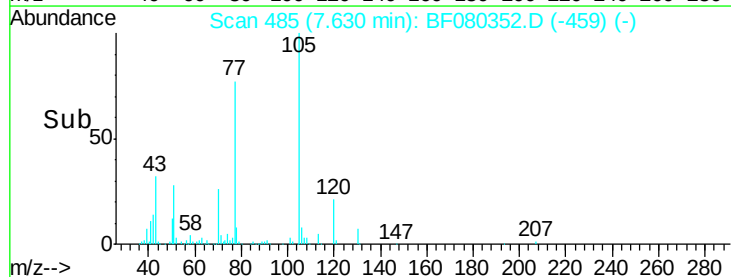
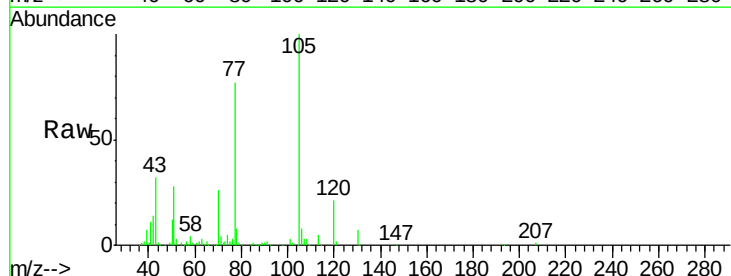
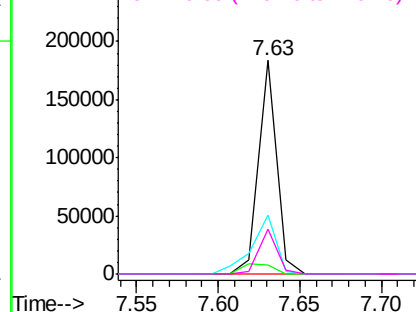
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

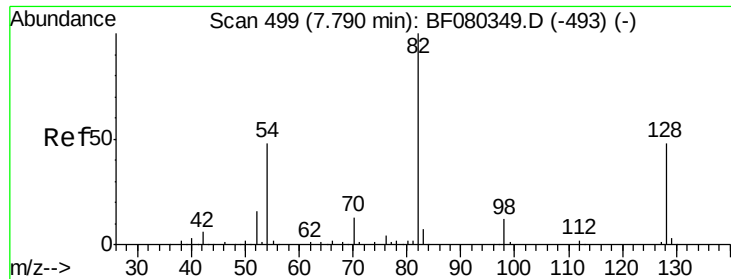


#22
Acetophenone
Concen: 44.68 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	143356		
71	4.3	5.0	7.6#	
51	27.8	23.2	34.8	
120	21.2	17.0	25.4	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





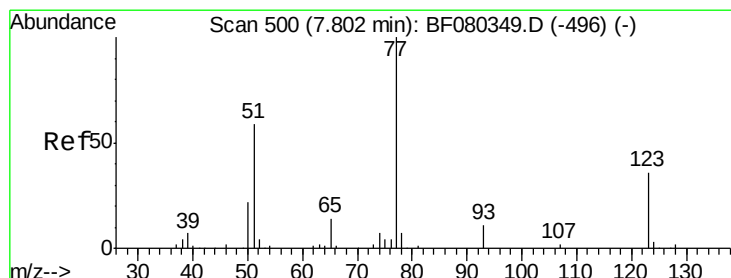
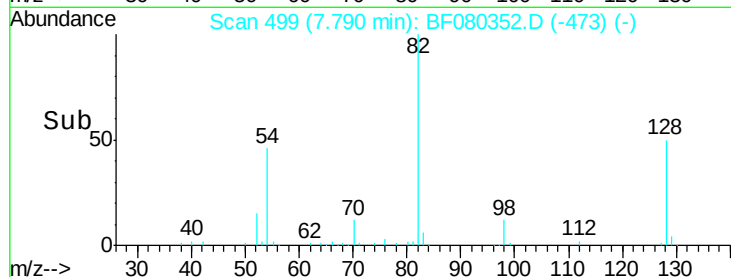
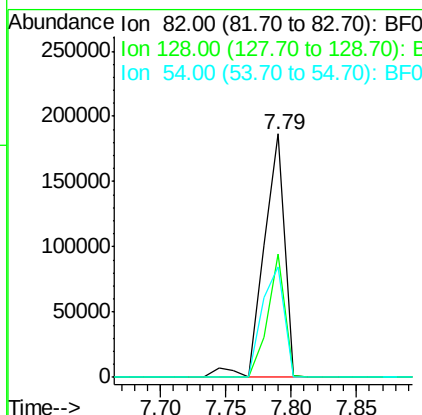
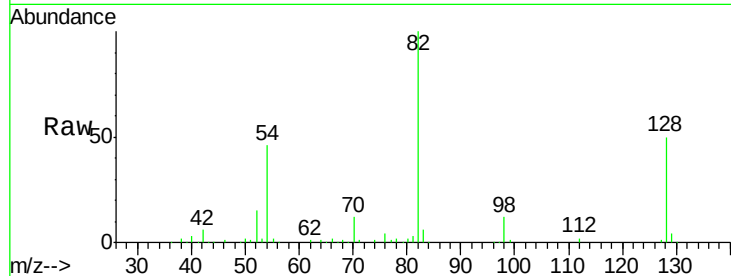
#23
 Nitrobenzene-d5
 Concen: 87.15 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	50.5	38.4	57.6
54	45.7	38.2	57.2

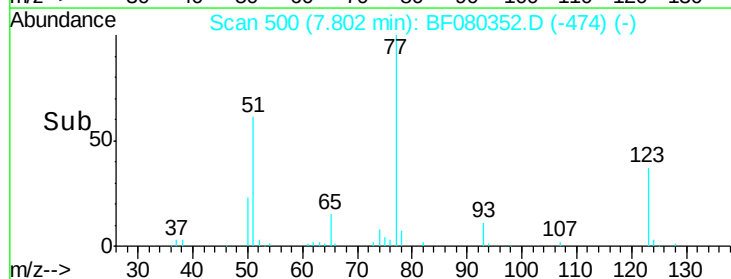
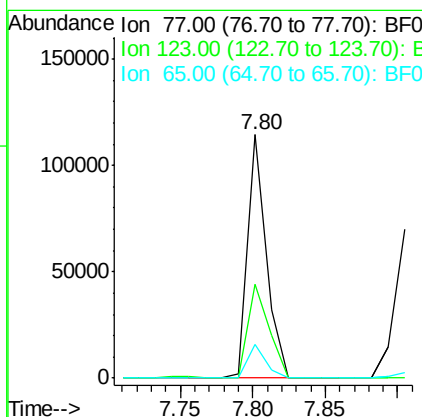
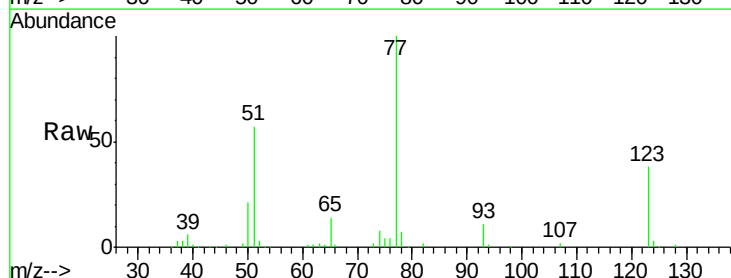
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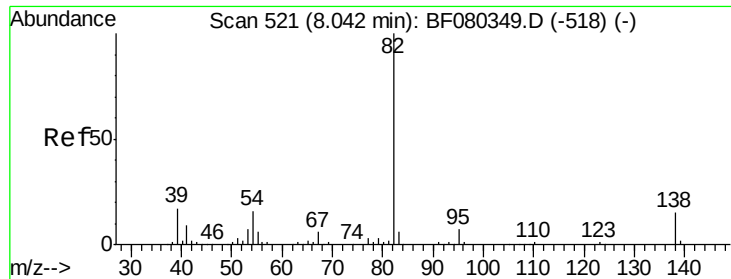
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#24
 Nitrobenzene
 Concen: 42.81 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	38.5	29.6	44.4
65	13.7	11.1	16.7





#25

Isophorone

Concen: 42.20 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

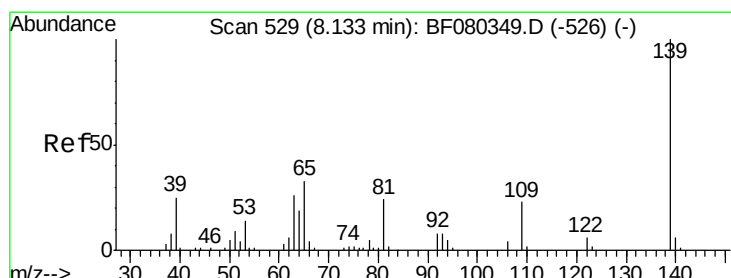
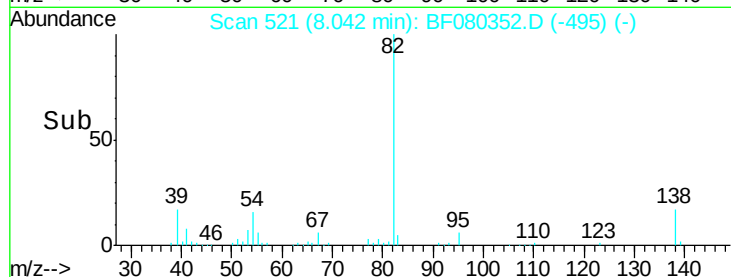
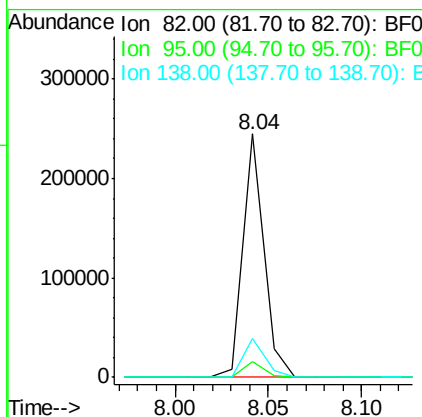
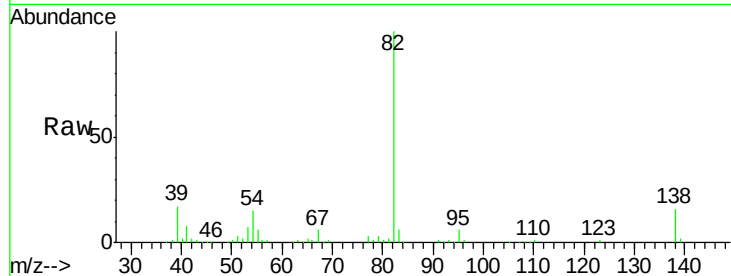
ClientSampleId :

PB84363BS

Tgt Ion:	82	Resp:	193692
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.2	7.8
138	16.1	12.0	18.0

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#26

2-Nitrophenol

Concen: 41.70 ng

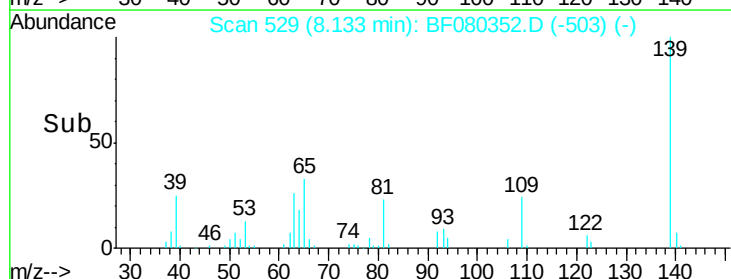
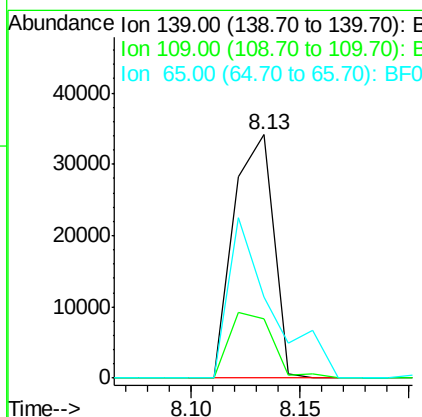
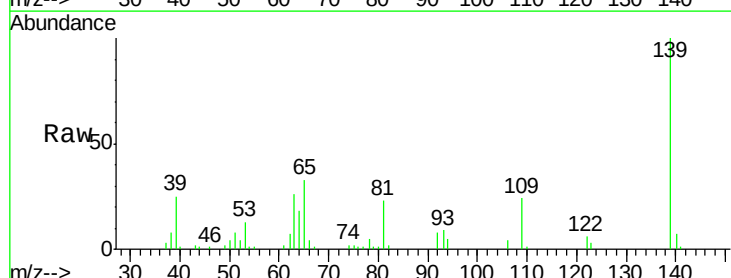
RT: 8.13 min Scan# 529

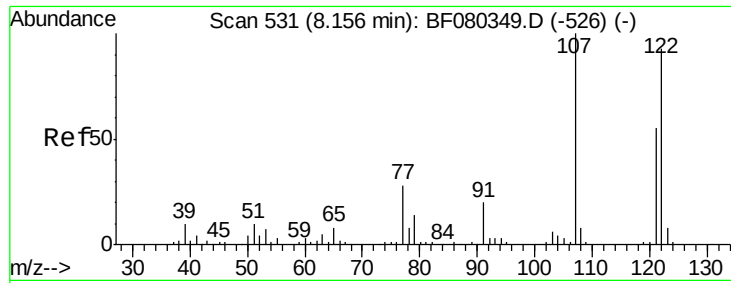
Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Tgt Ion:	139	Resp:	43231
Ion Ratio		Lower	Upper
139	100		
109	24.1	18.4	27.6
65	33.3	26.7	40.1





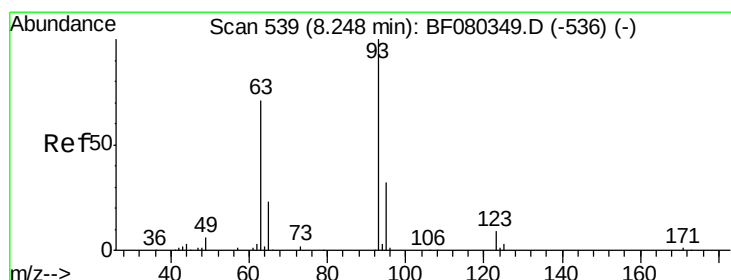
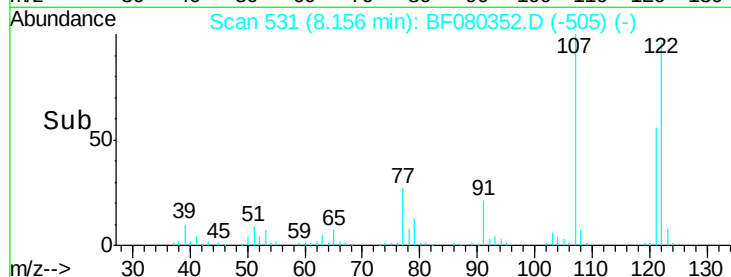
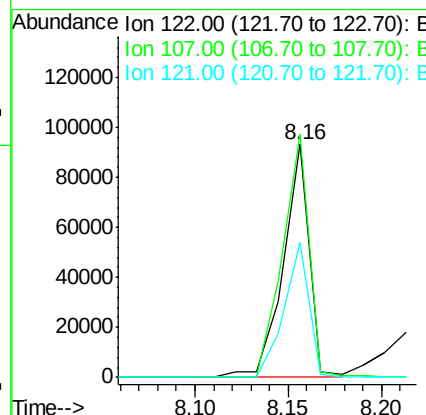
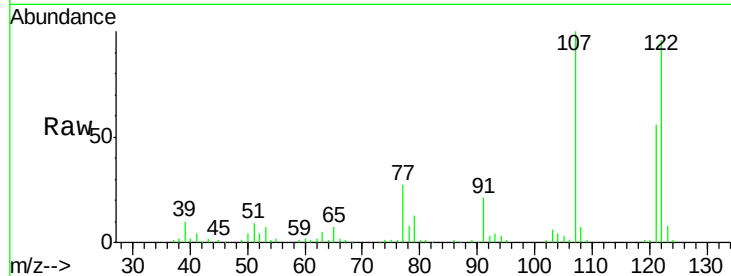
#27
 2,4-Dimethylphenol
 Concen: 43.98 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	104.6	85.8	128.6
121	58.1	46.9	70.3

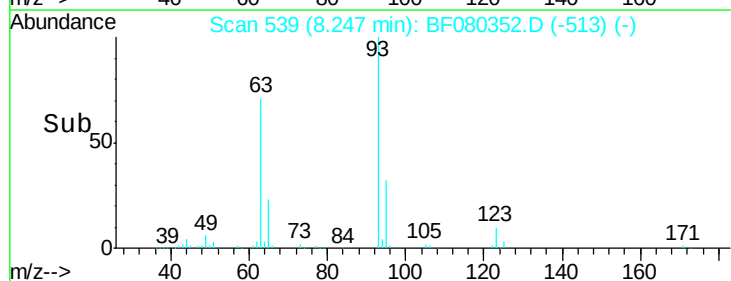
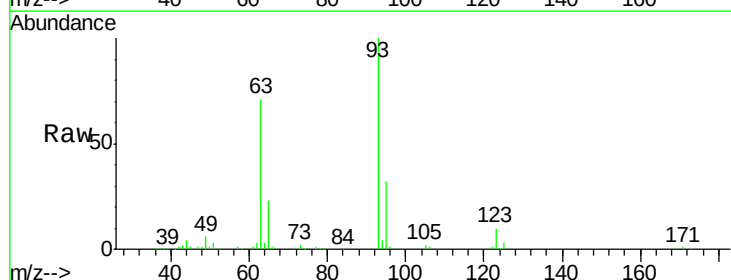
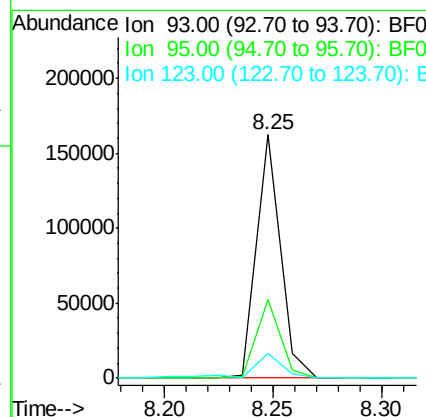
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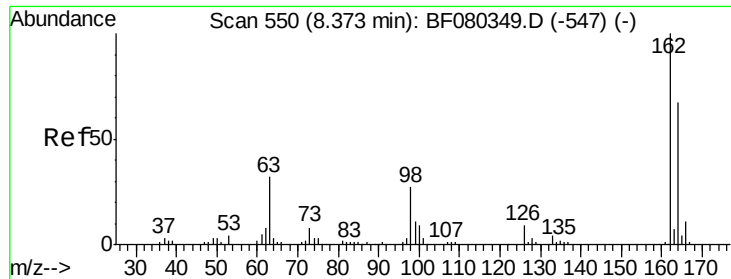
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.66 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.3	37.9
123	10.0	7.8	11.6





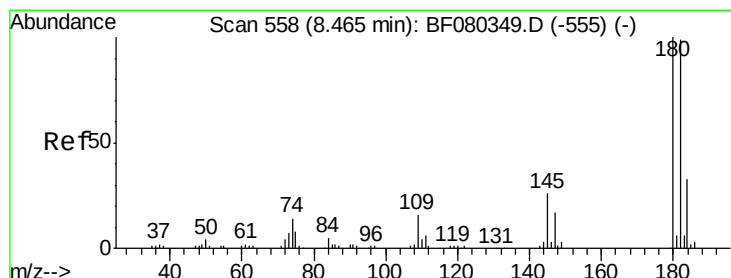
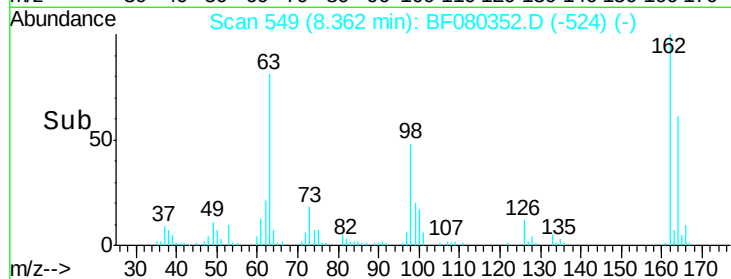
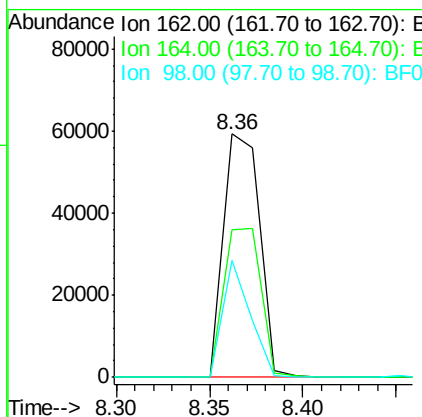
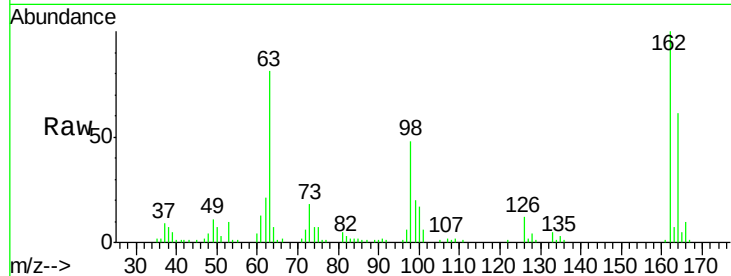
#29
 2,4-Dichlorophenol
 Concen: 44.38 ng
 RT: 8.36 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	60.6	47.0	87.0
98	47.8	6.6	46.6

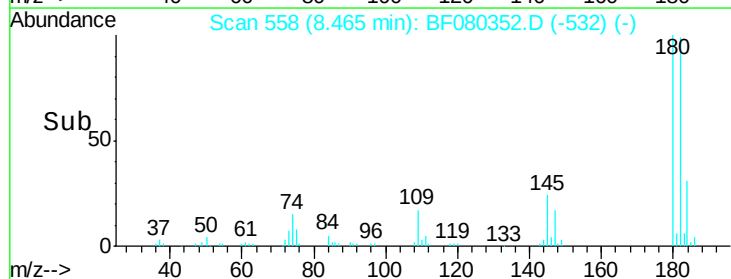
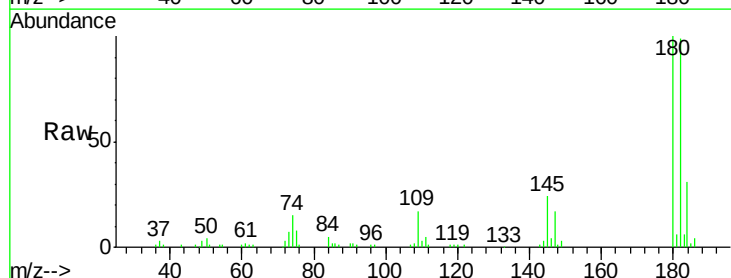
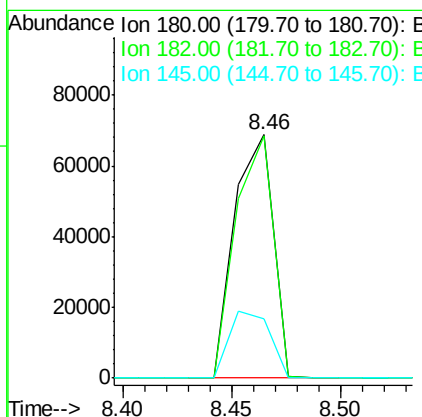
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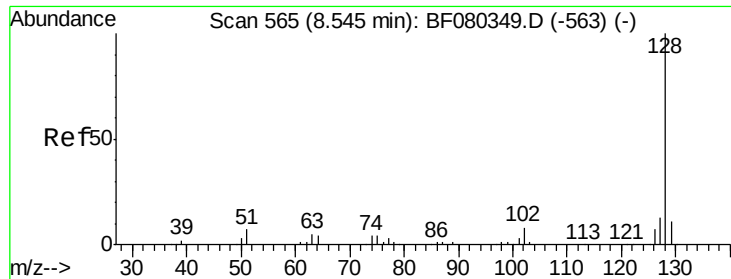
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.55 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	99.4	79.0	118.4
145	24.5	20.5	30.7





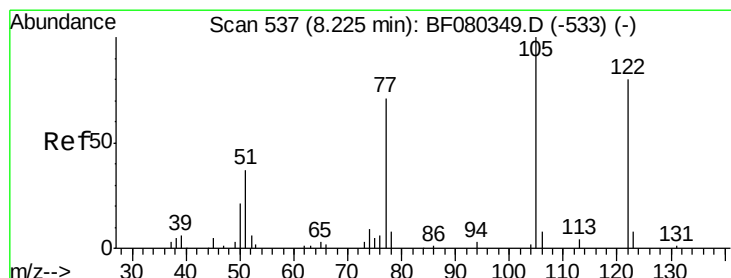
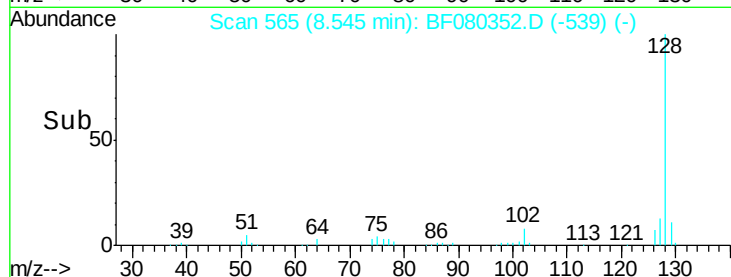
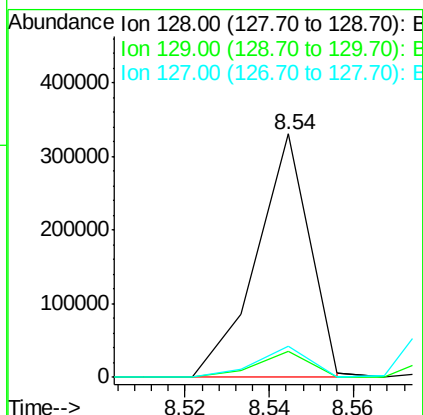
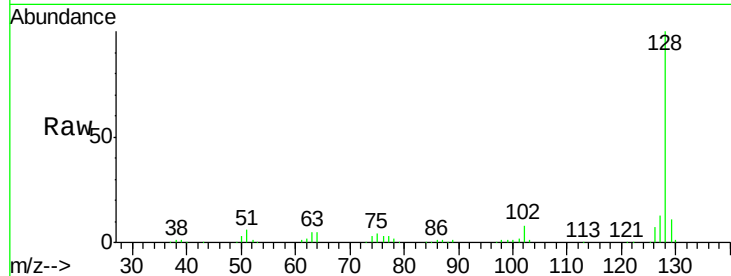
#31
Naphthalene
Concen: 40.54 ng m
RT: 8.54 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	289212		
129	10.6	8.8	13.2	
127	12.6	10.4	15.6	

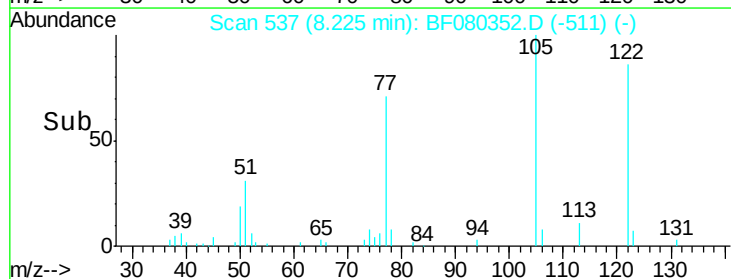
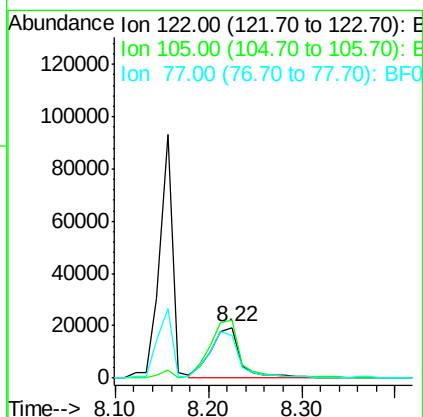
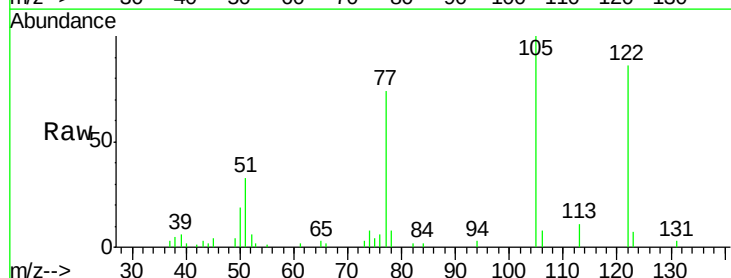
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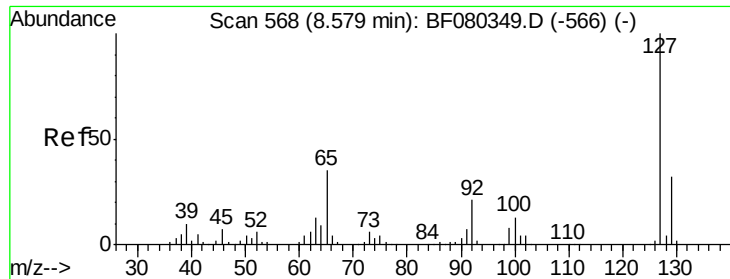
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#32
Benzoic acid
Concen: 41.46 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	43135		
105	115.9	102.2	142.2	
77	85.2	68.8	108.8	





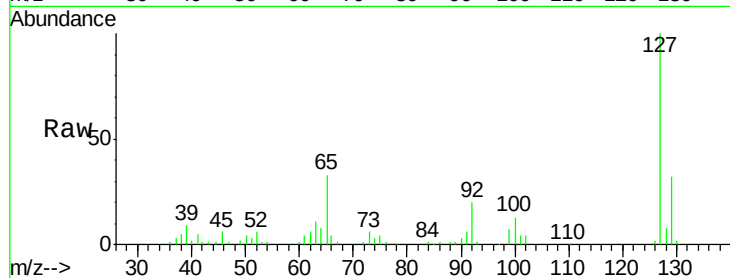
#33
4-Chloroaniline
Concen: 25.92 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

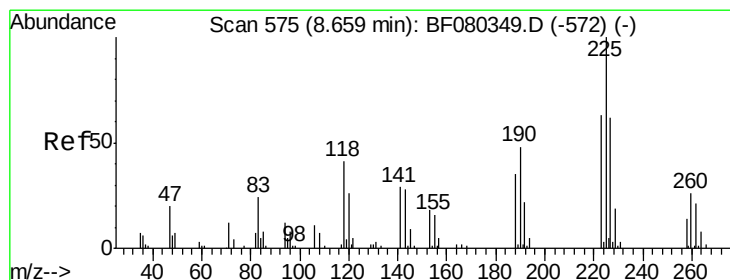
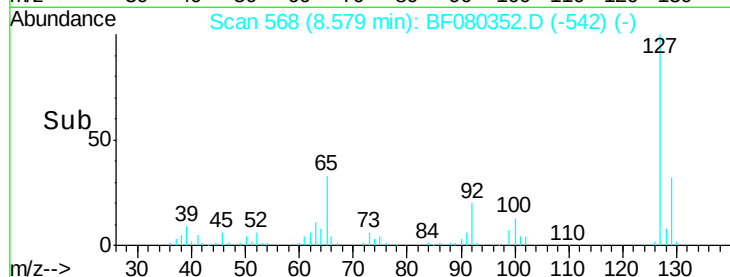
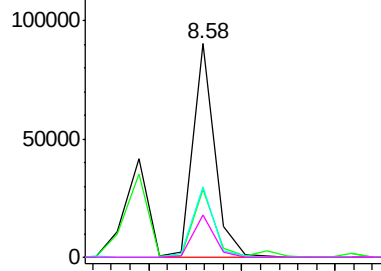
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	73699		
129	31.7	26.2	39.2	
65	33.0	28.1	42.1	
92	19.6	16.6	24.8	

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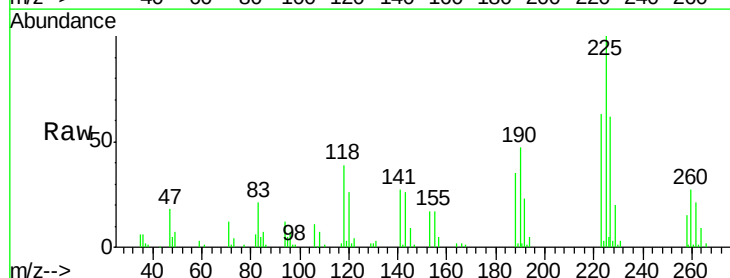


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

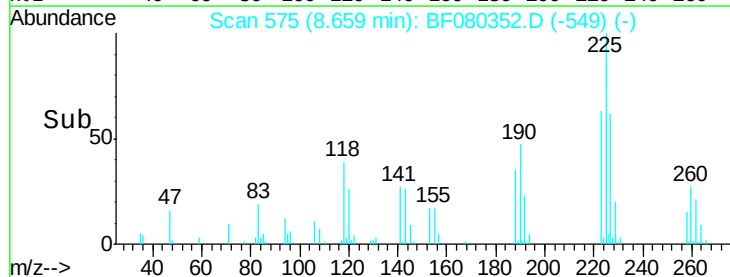
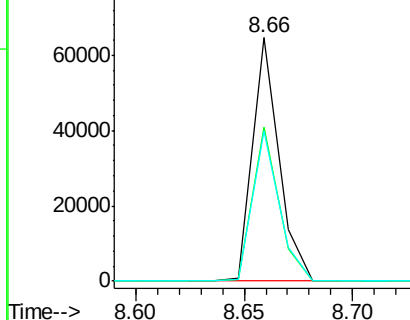


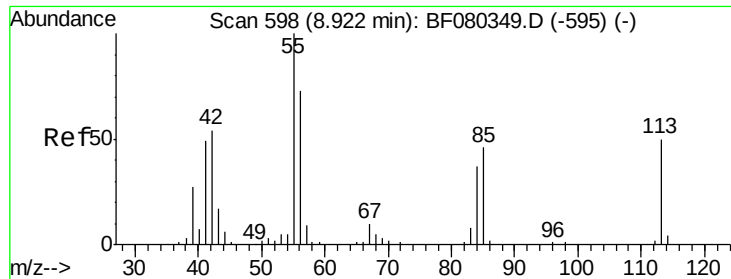
#34
Hexachlorobutadiene
Concen: 41.39 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54189		
223	63.1	50.3	75.5	
227	61.7	49.4	74.2	



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





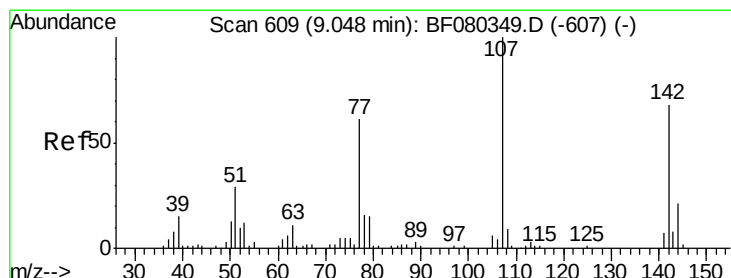
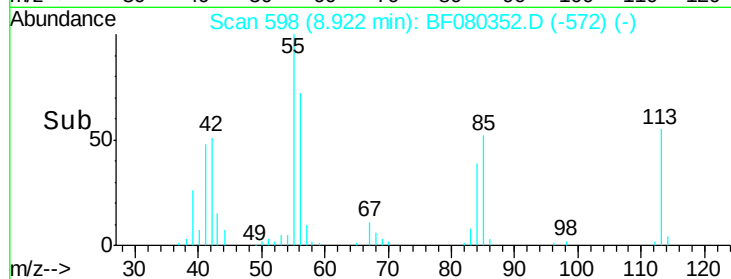
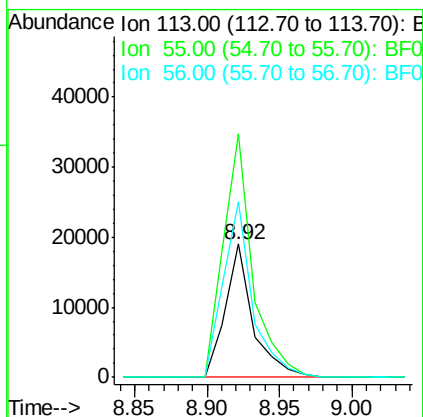
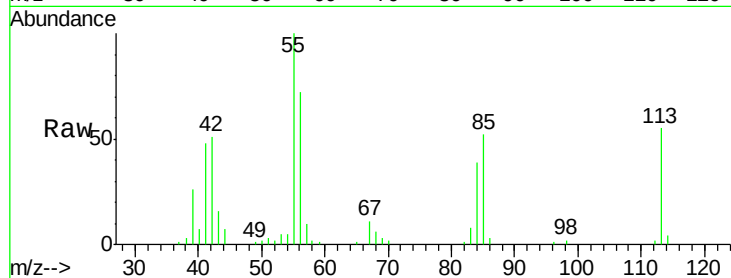
#35
 Caprolactam
 Concen: 44.67 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion:113 Resp: 24983
 Ion Ratio Lower Upper
 113 100
 55 183.1 181.4 221.4
 56 131.9 127.3 167.3

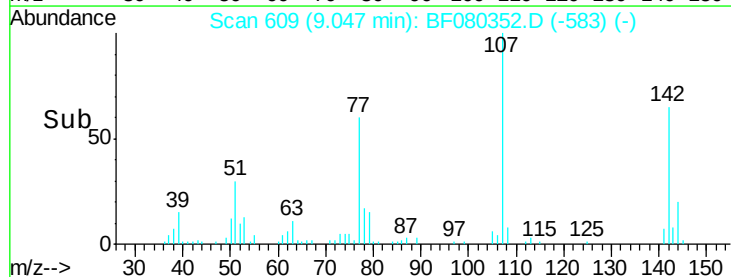
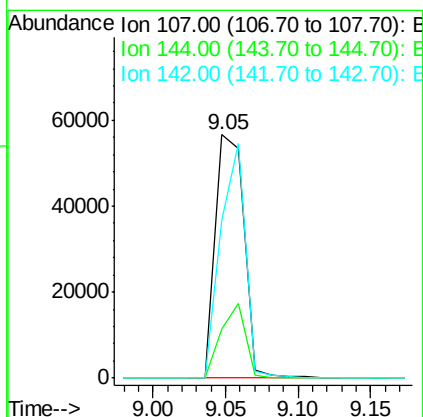
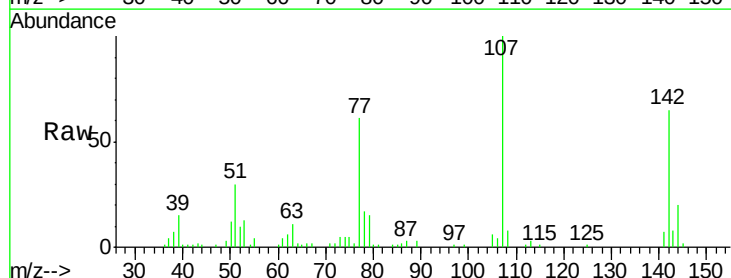
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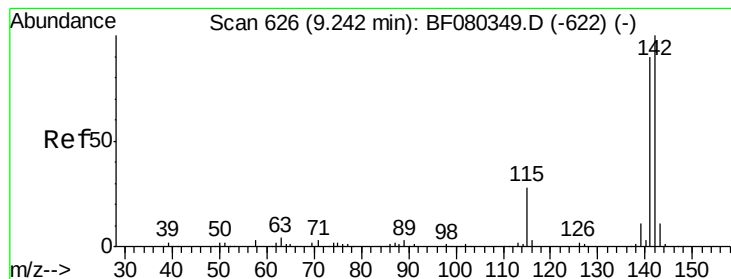
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#36
 4-Chloro-3-methylphenol
 Concen: 41.64 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion:107 Resp: 77807
 Ion Ratio Lower Upper
 107 100
 144 20.0 16.7 25.1
 142 64.9 54.4 81.6





#37

2-Methylnaphthalene

Concen: 42.22 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF080352.D

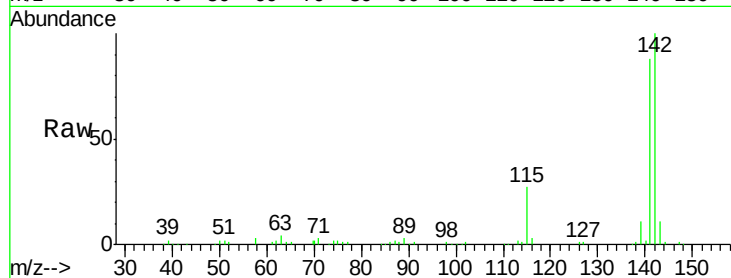
Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

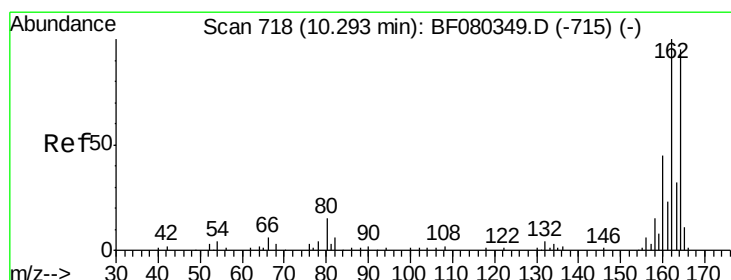
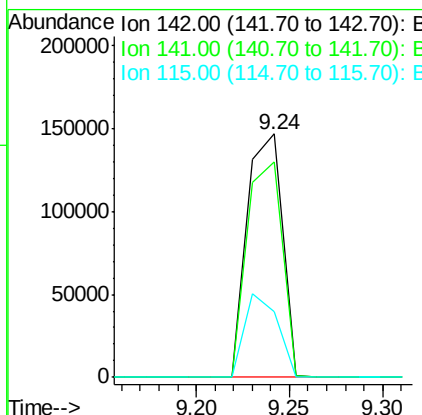
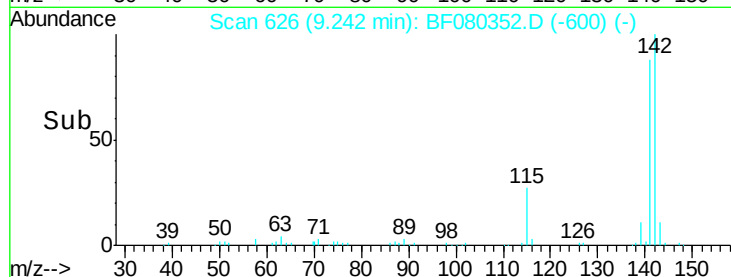
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Tgt Ion:	142	Resp:	192043
Ion Ratio	Lower	Upper	
142	100		
141	88.4	71.8	107.8
115	27.2	22.6	34.0

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#38

Acenaphthene-d10

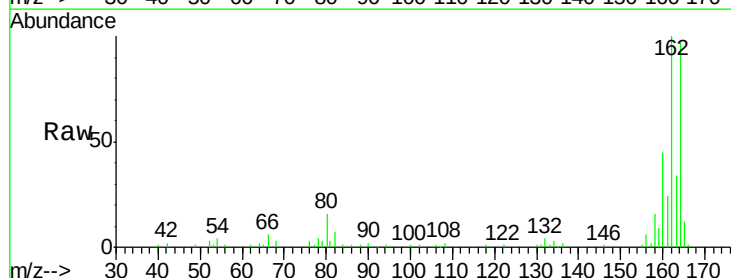
Concen: 20.00 ng

RT: 10.29 min Scan# 718

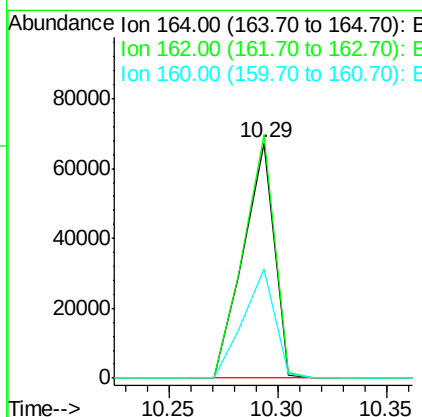
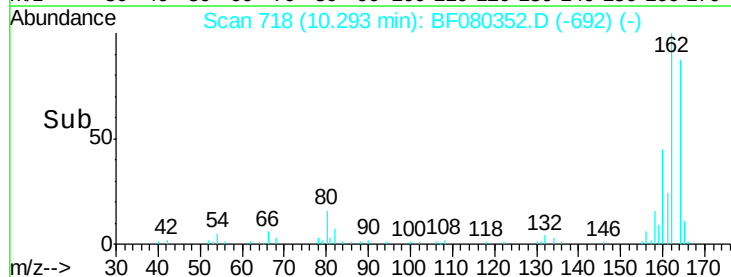
Delta R.T. -0.00 min

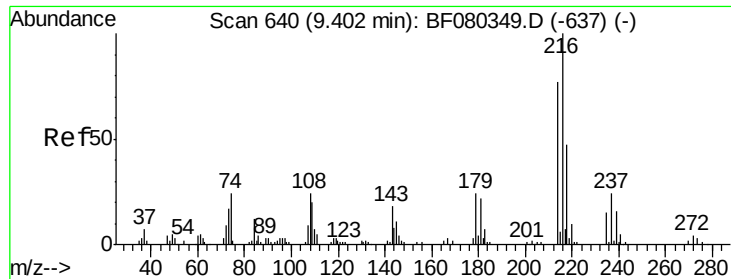
Lab File: BF080352.D

Acq: 6 Jul 2015 18:52



Tgt Ion:	164	Resp:	66676
Ion Ratio	Lower	Upper	
164	100		
162	103.6	84.5	126.7
160	46.6	37.7	56.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.03 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF080352.D

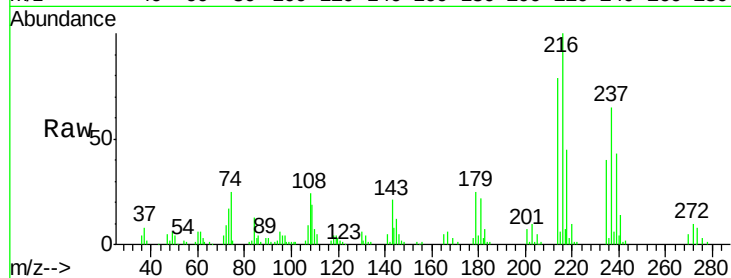
Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS



Tgt Ion: 216 Resp: 86707

Ion Ratio Lower Upper

216 100

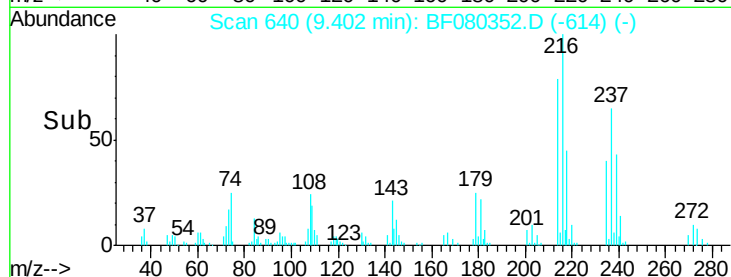
214 78.2 61.2 91.8

179 21.6 16.9 25.3

108 21.4 16.2 24.4

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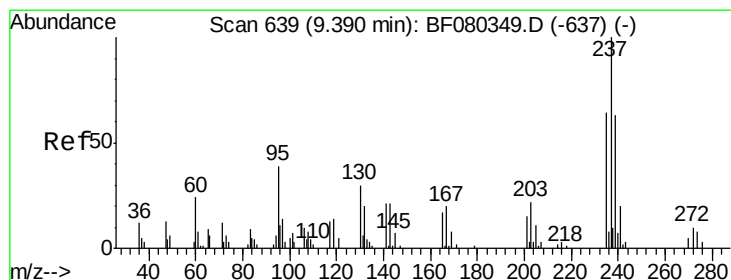
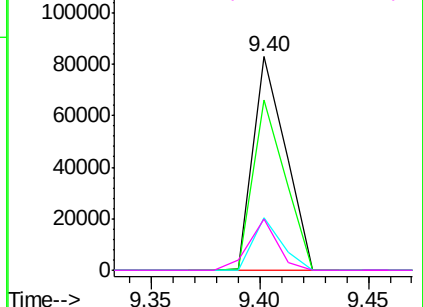


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 85.50 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

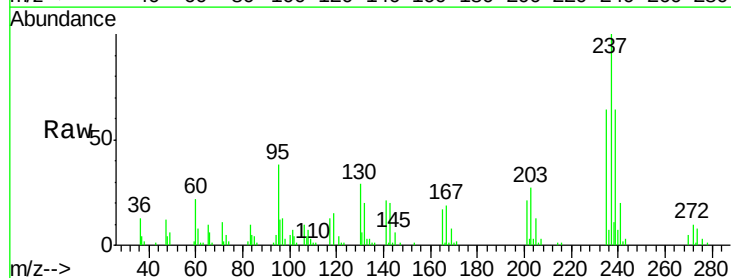
Tgt Ion: 237 Resp: 75570

Ion Ratio Lower Upper

237 100

235 64.5 44.2 84.2

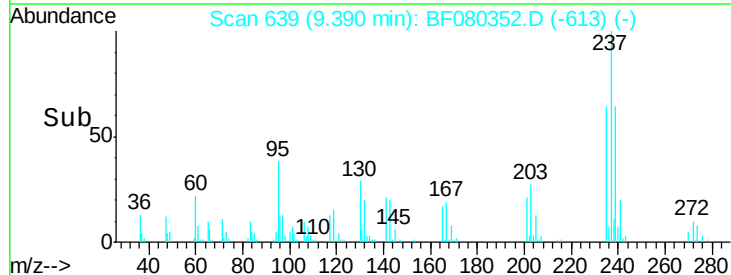
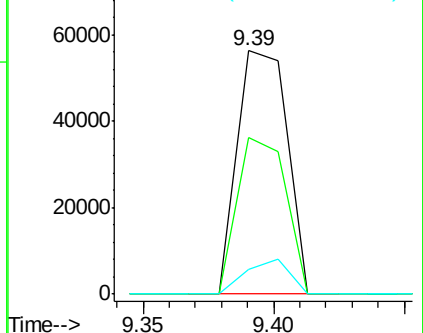
272 9.9 0.0 29.7

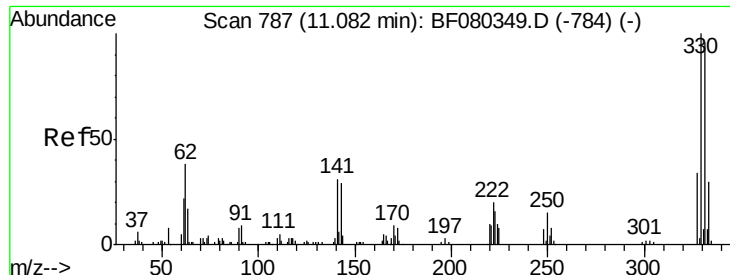


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





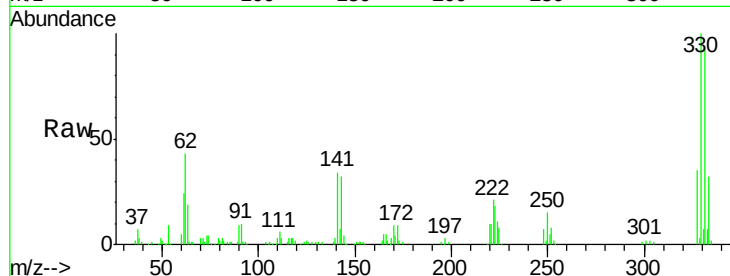
#41
 2,4,6-Tribromophenol
 Concen: 138.08 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

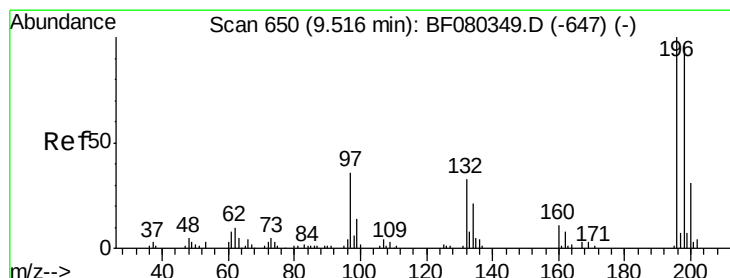
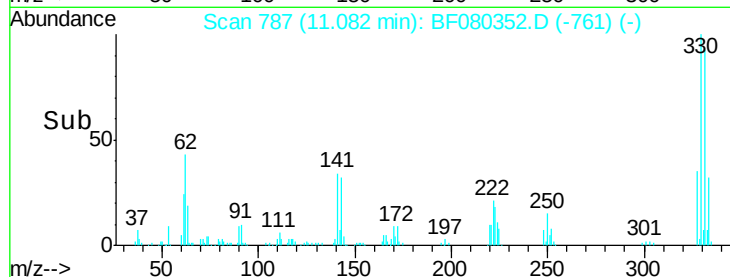
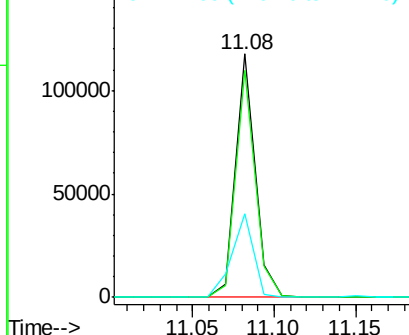
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	96336		
332	93.5	77.0	115.4	
141	38.2	29.6	44.4	

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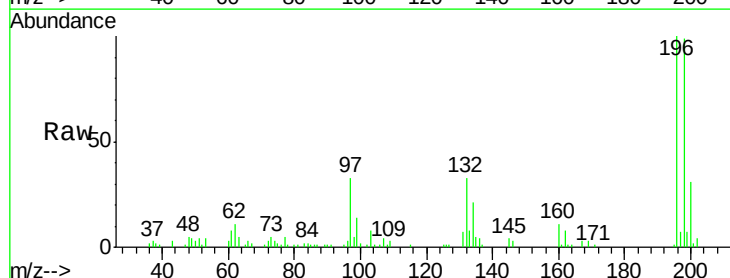


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

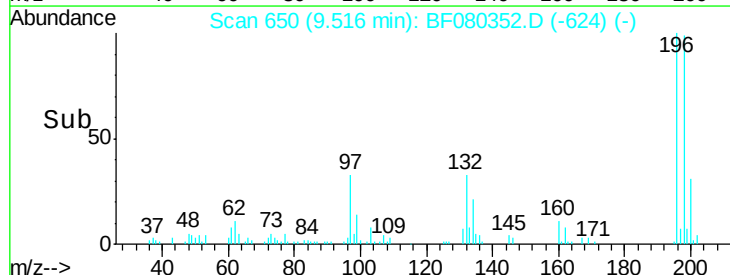
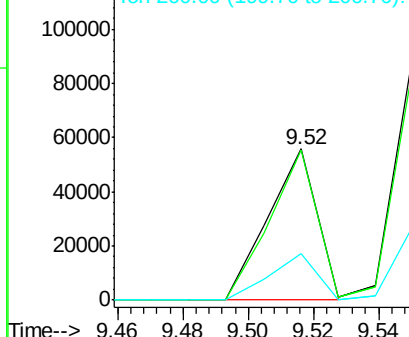


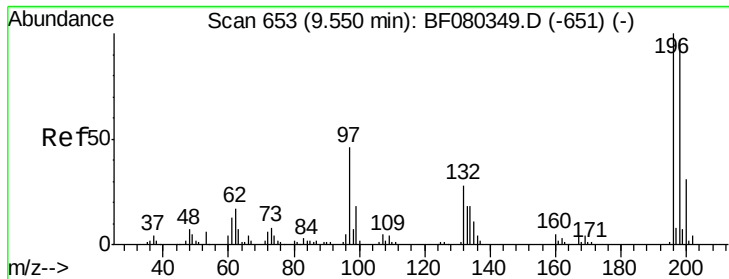
#42
 2,4,6-Trichlorophenol
 Concen: 41.68 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	58021		
198	99.0	76.4	114.6	
200	31.1	24.6	37.0	



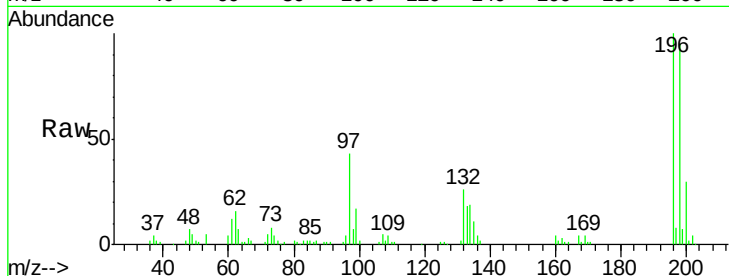
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 43.92 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

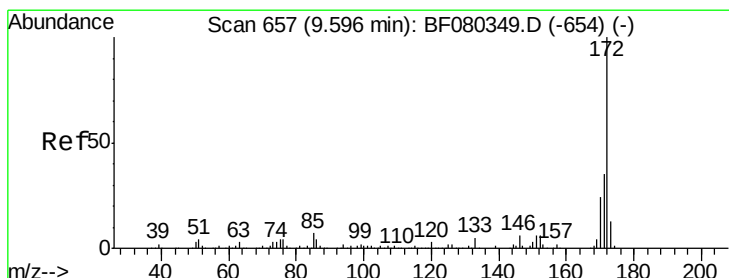
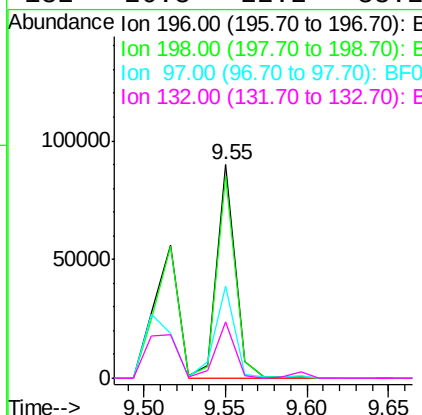
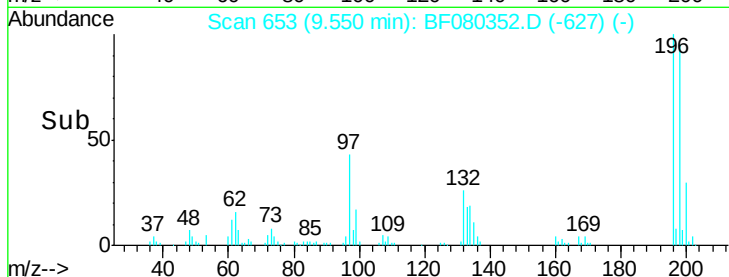
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	71259		
198	94.7	77.2	115.8	
97	43.1	37.0	55.6	
132	26.3	22.2	33.2	

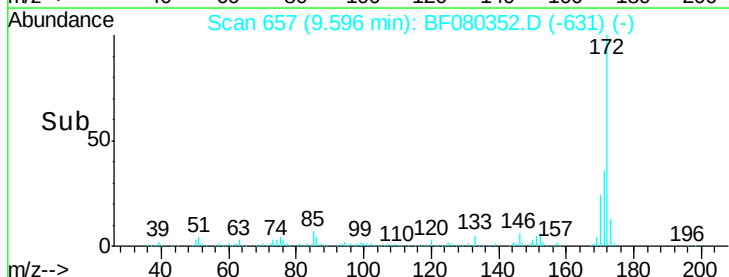
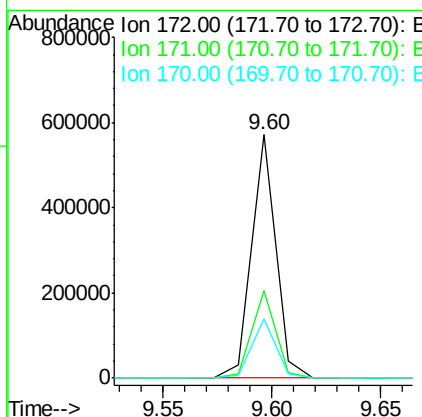
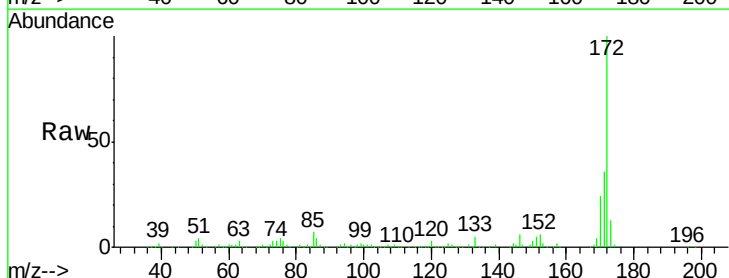
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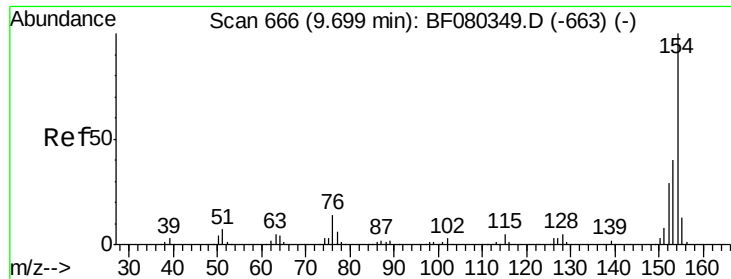
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#44
 2-Fluorobiphenyl
 Concen: 89.37 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	441550		
171	35.8	28.3	42.5	
170	24.3	19.1	28.7	





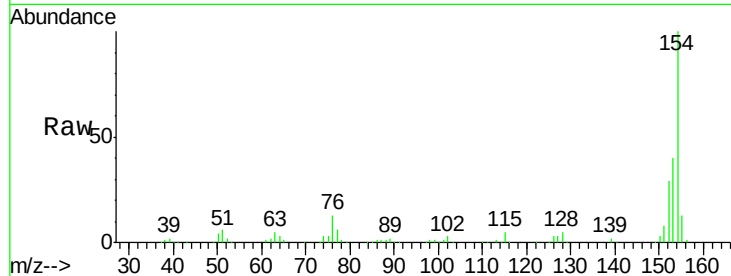
#45
 1,1'-Biphenyl
 Concen: 43.21 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

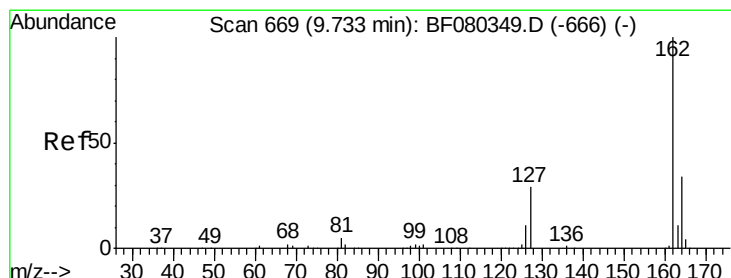
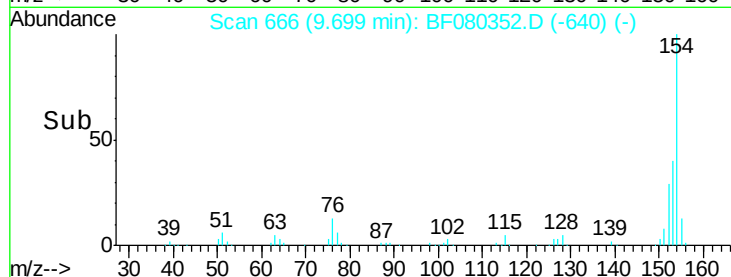
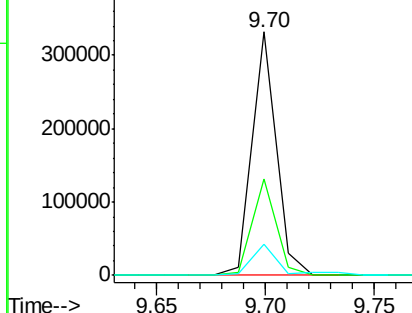
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	255732		
153	39.6	19.8	59.8	
76	12.8	0.0	33.6	

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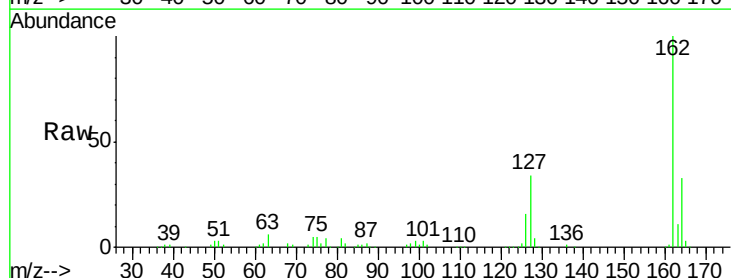


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

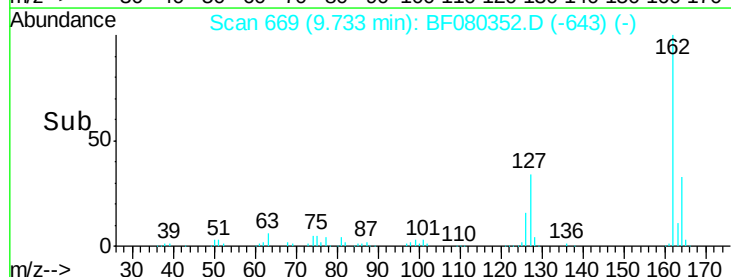
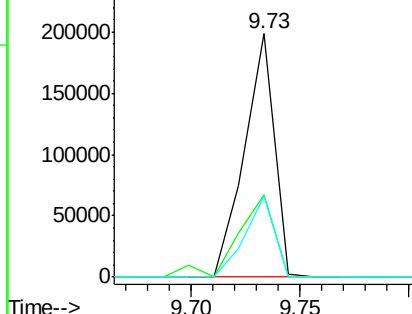


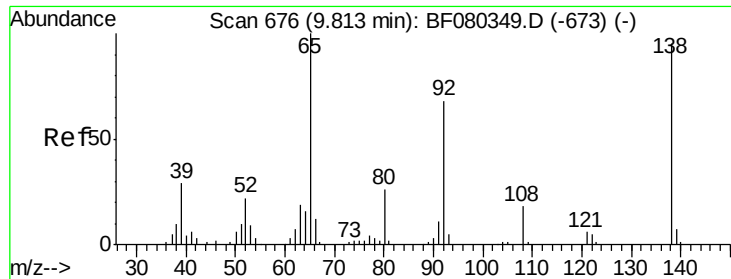
#46
 2-Chloronaphthalene
 Concen: 41.87 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	188953		
127	33.8	27.3	40.9	
164	33.1	27.2	40.8	



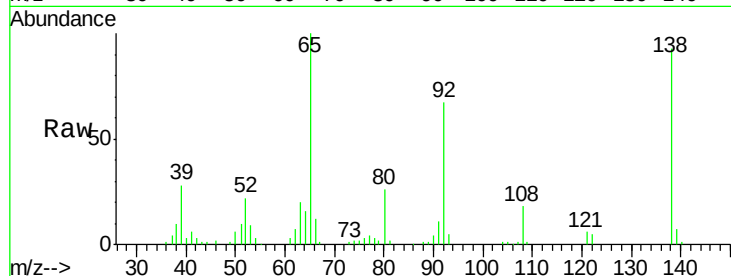
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47
 2-Nitroaniline
 Concen: 45.45 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

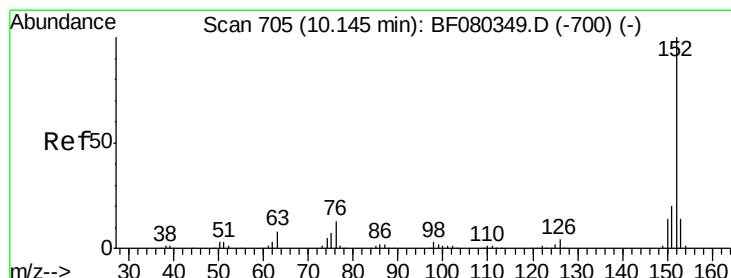
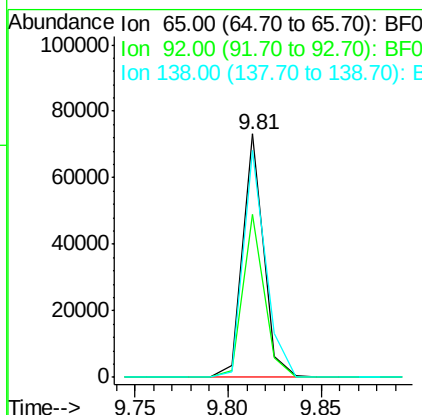
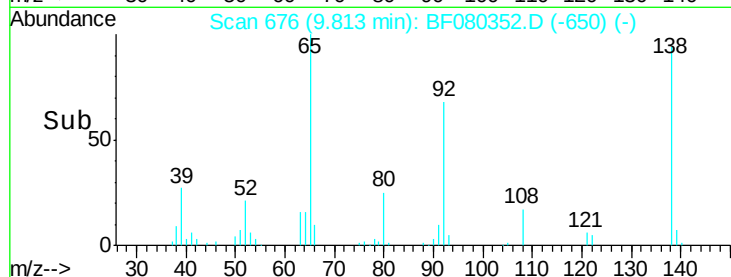
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS



Tgt Ion:	65	Resp:	57394
Ion Ratio	Lower	Upper	
65	100		
92	67.2	54.2	81.2
138	93.5	76.1	114.1

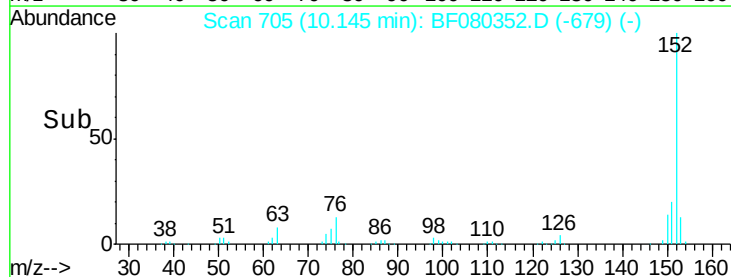
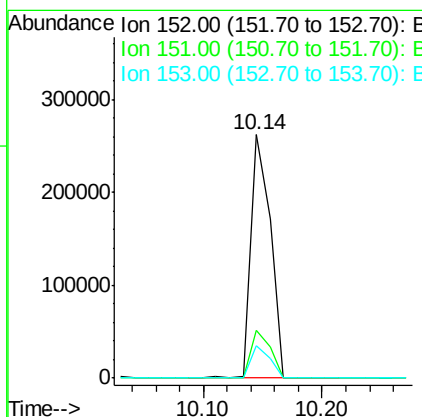
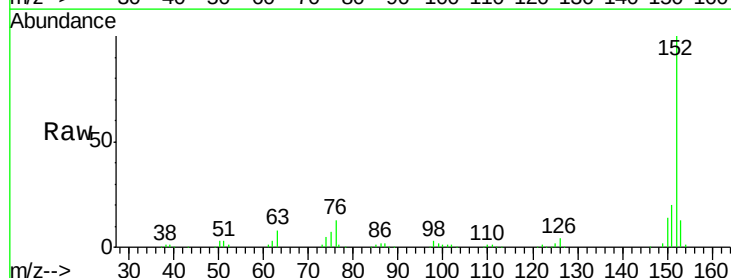
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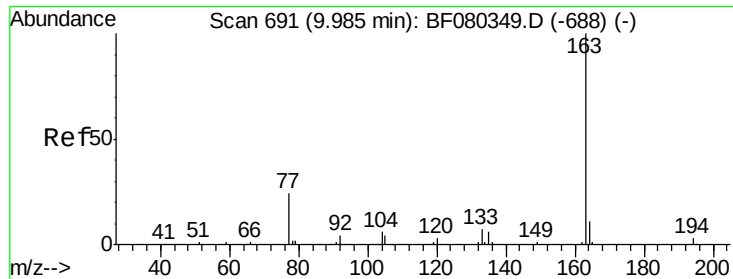
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#48
 Acenaphthylene
 Concen: 40.11 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion:	152	Resp:	301290
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.3	24.5
153	13.2	11.0	16.4





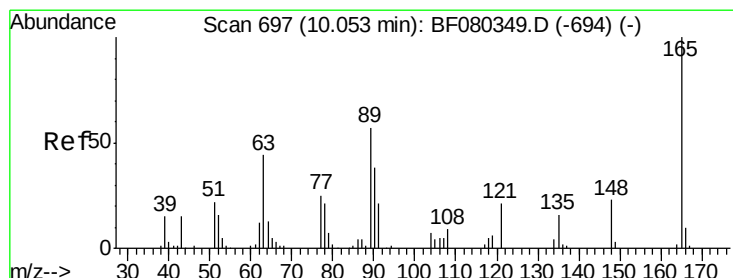
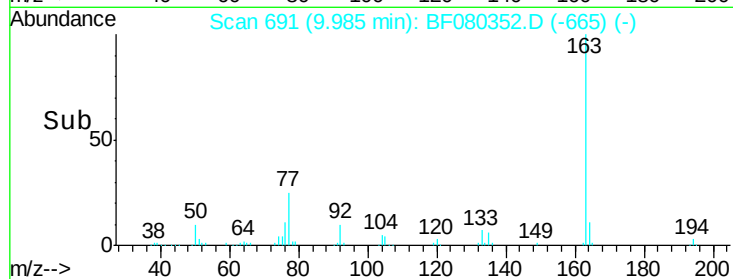
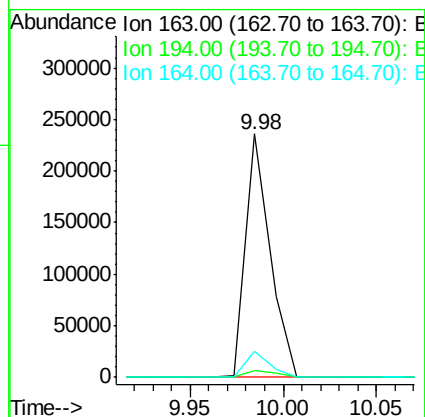
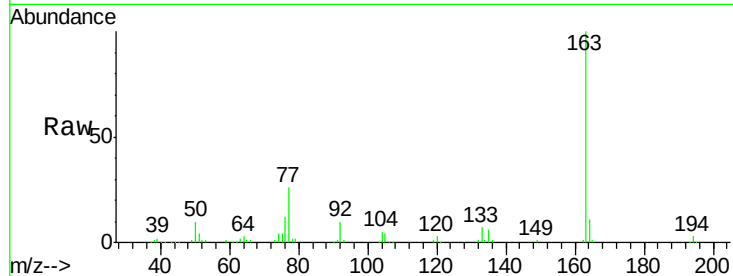
#49
Dimethylphthalate
Concen: 40.65 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	217632		
194	3.1	2.6	3.8	
164	10.5	8.5	12.7	

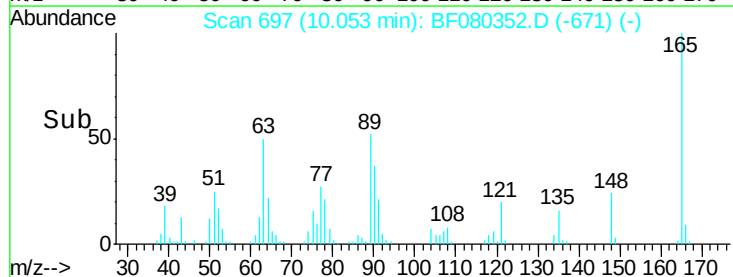
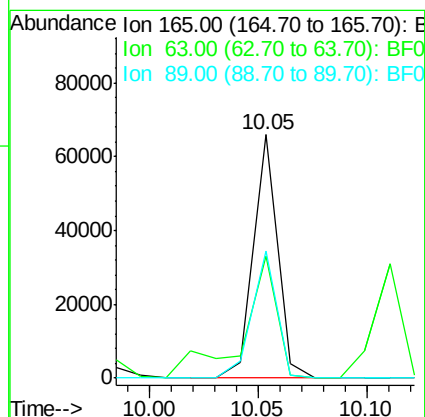
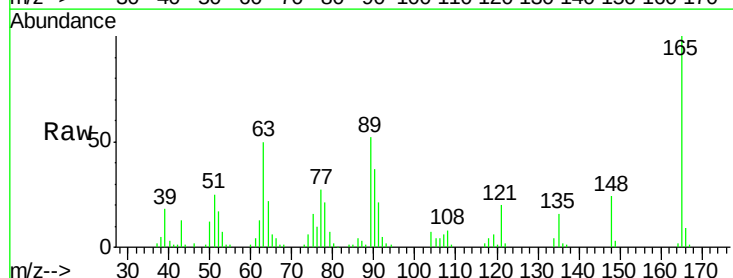
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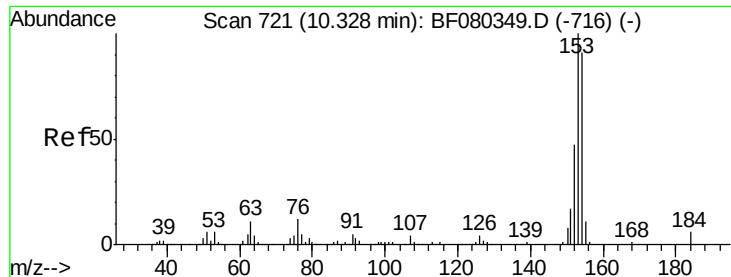
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#50
2,6-Dinitrotoluene
Concen: 45.28 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	50676		
63	50.0	44.8	67.2	
89	52.4	45.9	68.9	





#51

Acenaphthene

Concen: 43.62 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF080352.D

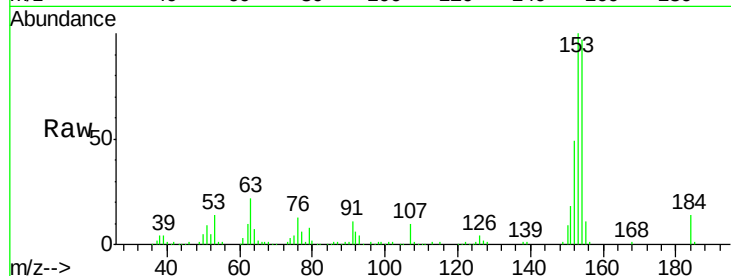
Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

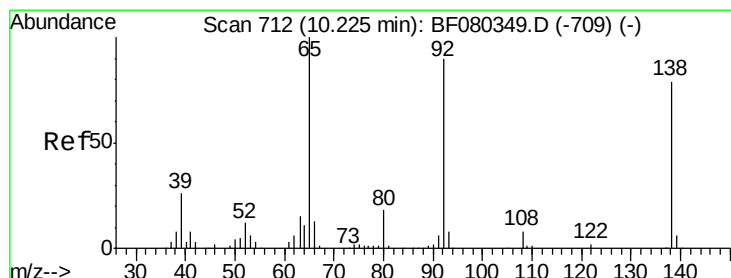
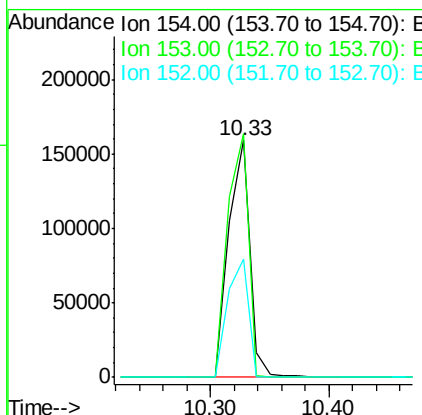
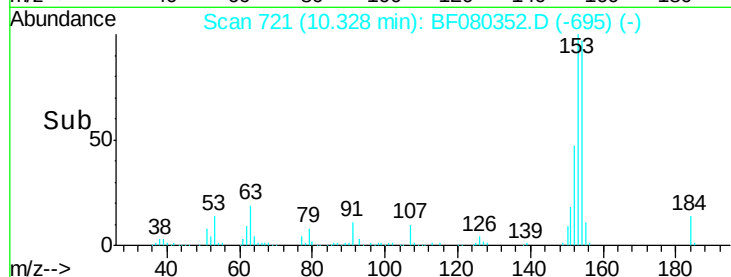
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100	196134		
153	102.8	88.1	132.1	
152	50.0	41.8	62.6	

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#52

3-Nitroaniline

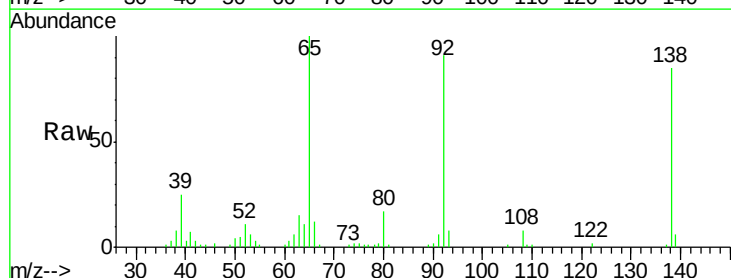
Concen: 30.60 ng

RT: 10.22 min Scan# 712

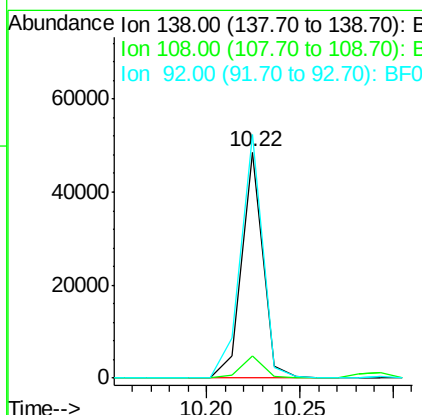
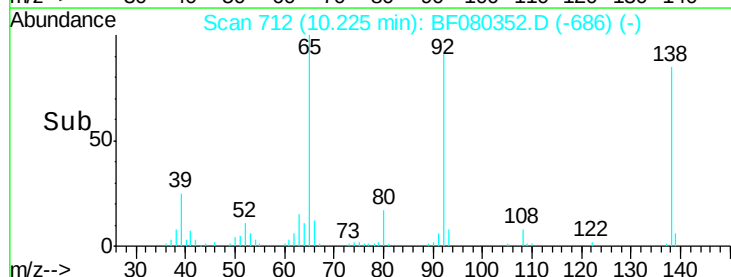
Delta R.T. -0.00 min

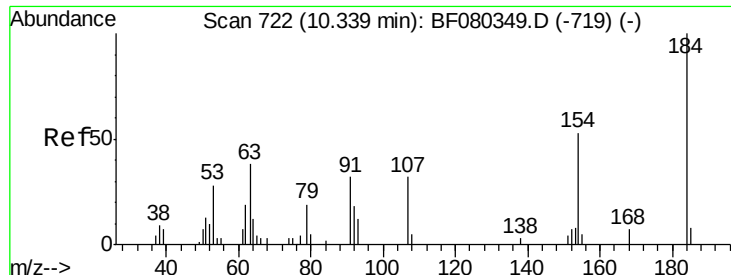
Lab File: BF080352.D

Acq: 6 Jul 2015 18:52



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	38591		
108	9.6	7.8	11.8	
92	107.7	91.0	136.6	





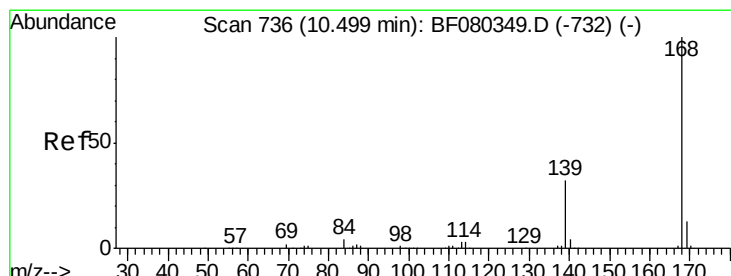
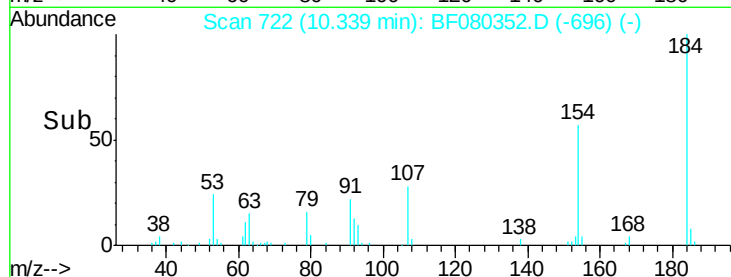
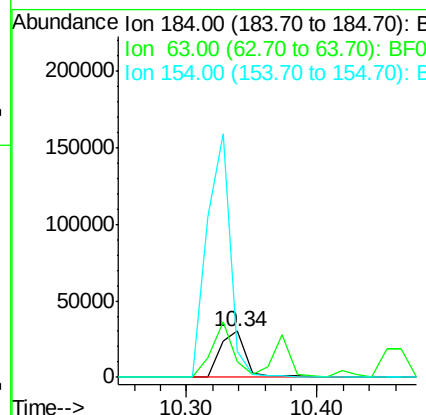
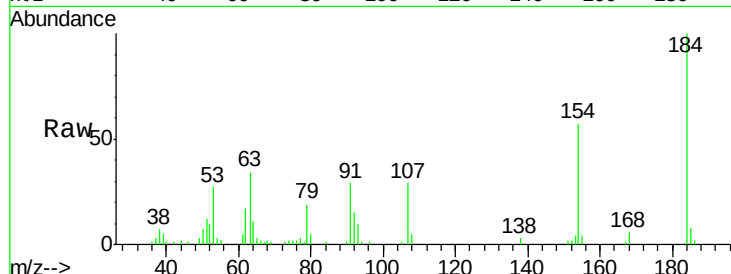
#53
 2,4-Dinitrophenol
 Concen: 84.14 ng
 RT: 10.34 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	41189		
63	34.1	30.6	46.0	
154	56.7	45.3	67.9	

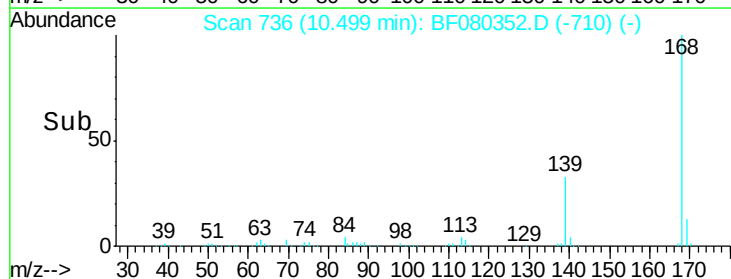
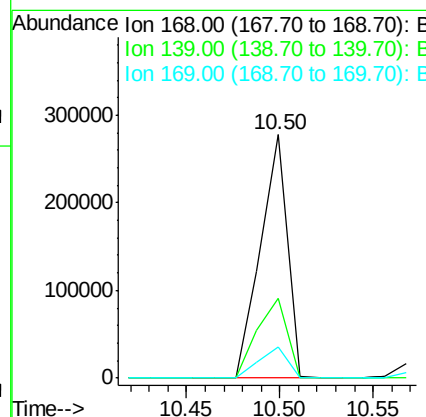
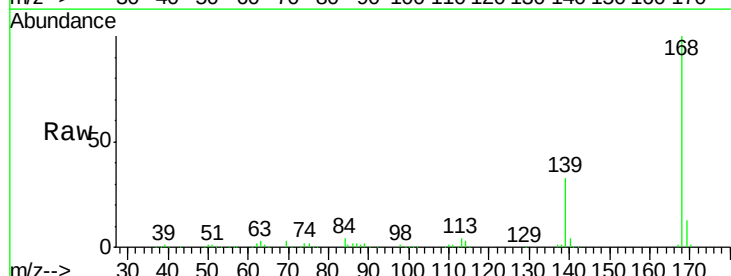
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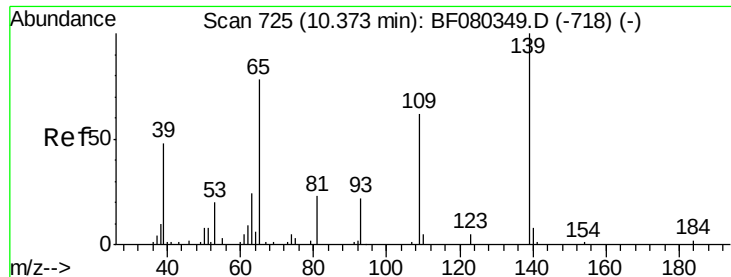
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#54
 Dibenzofuran
 Concen: 43.18 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	276033		
139	32.7	25.9	38.9	
169	12.8	10.3	15.5	





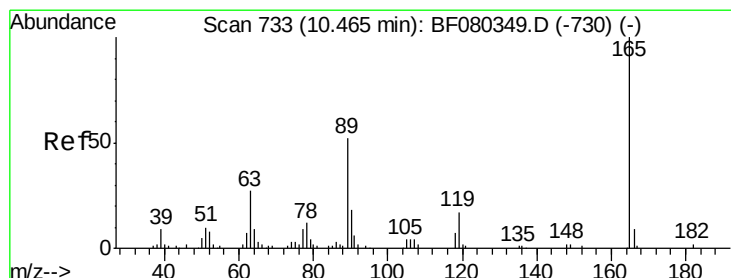
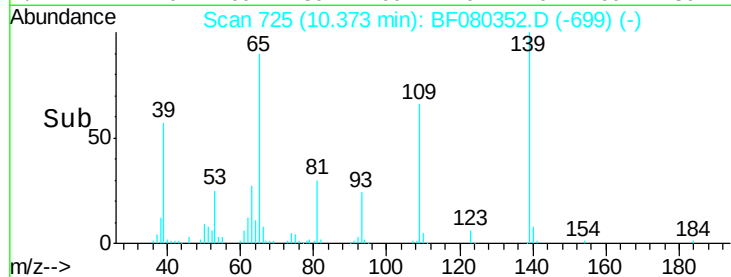
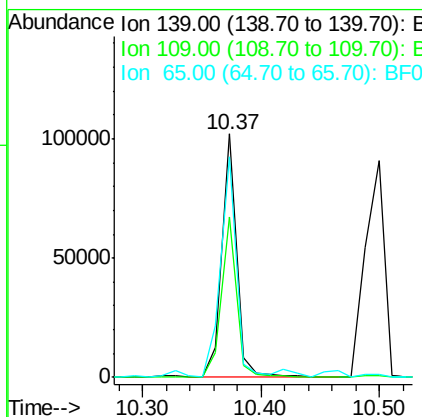
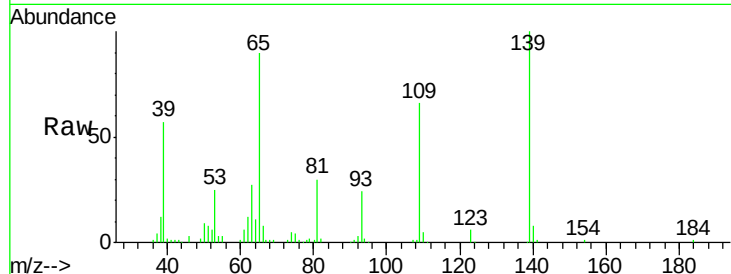
#55
4-Nitrophenol
Concen: 94.82 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	87643		
109	65.9	42.3	82.3	
65	90.4	58.5	98.5	

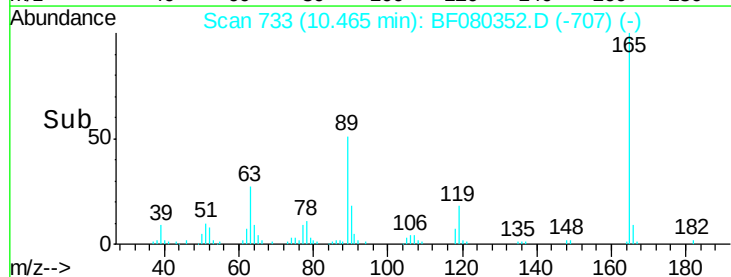
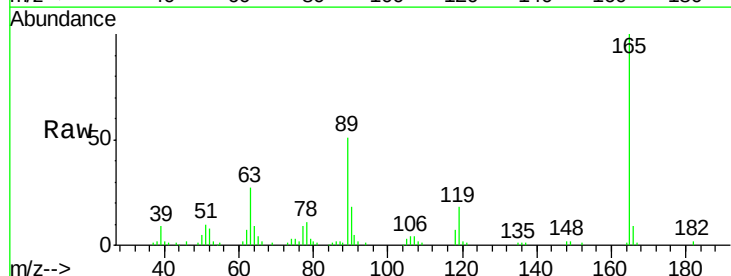
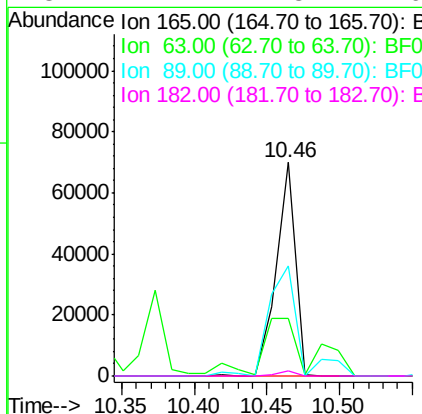
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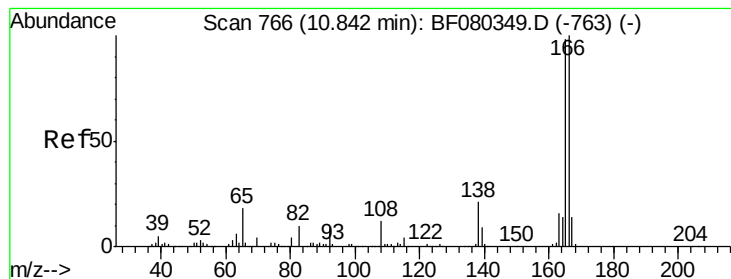
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#56
2,4-Dinitrotoluene
Concen: 44.59 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	64176		
63	27.1	21.8	32.8	
89	51.5	41.3	61.9	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 42.80 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080352.D

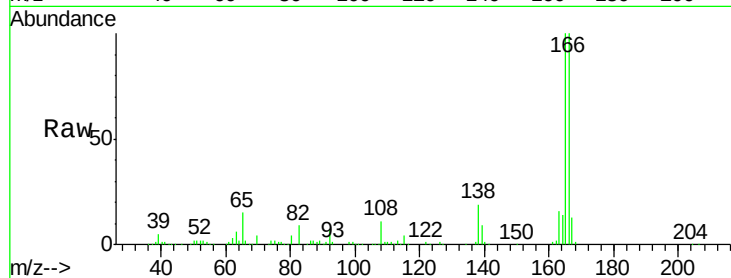
Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

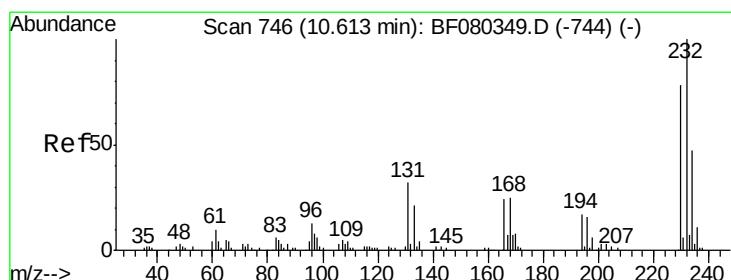
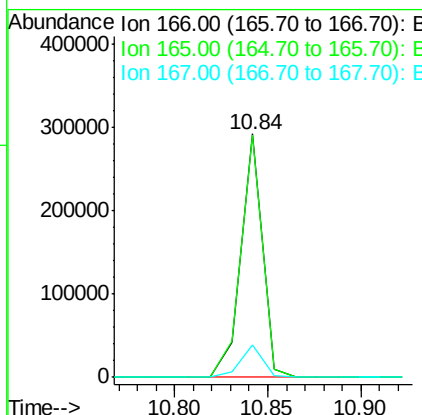
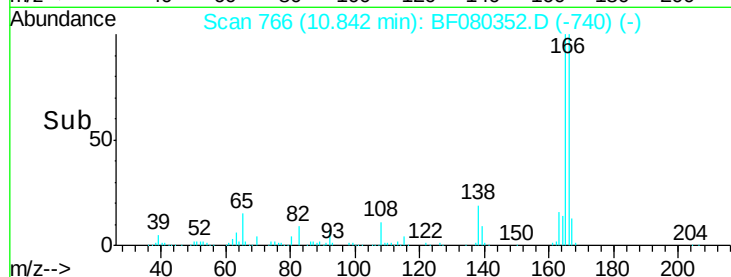
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	235597		
165	99.7	78.6	117.8	
167	13.5	10.8	16.2	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.97 ng

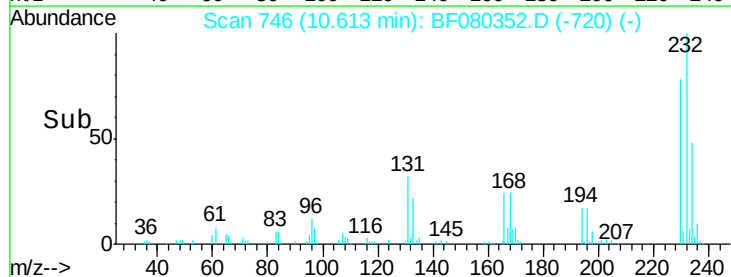
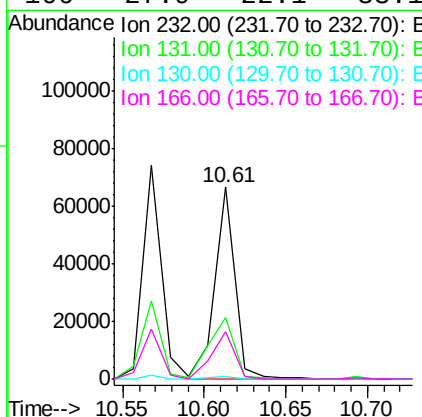
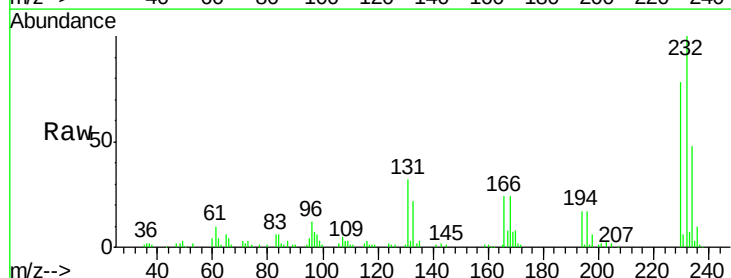
RT: 10.61 min Scan# 746

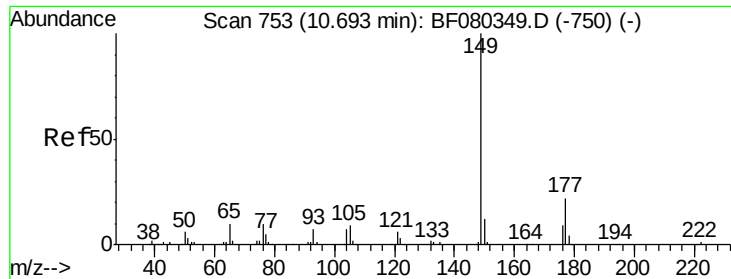
Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	57147		
131	41.2	33.4	50.2	
130	1.9	1.8	2.6	
166	27.9	22.1	33.1	





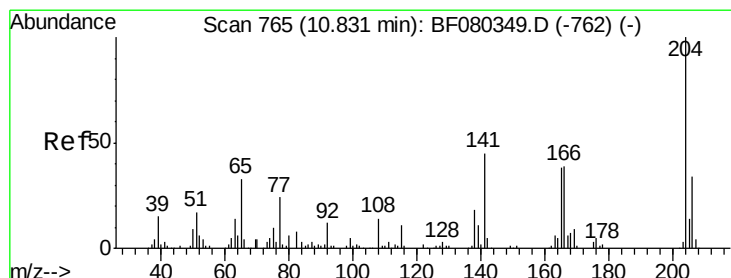
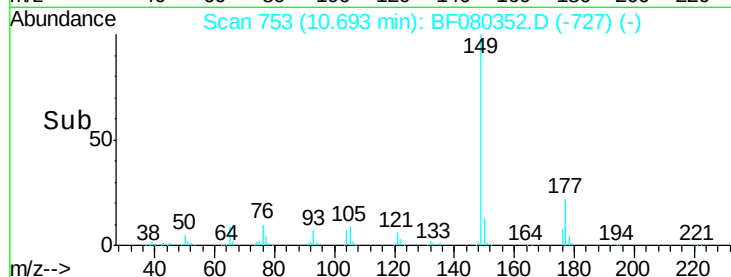
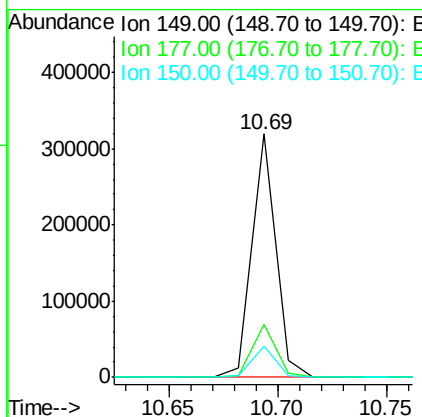
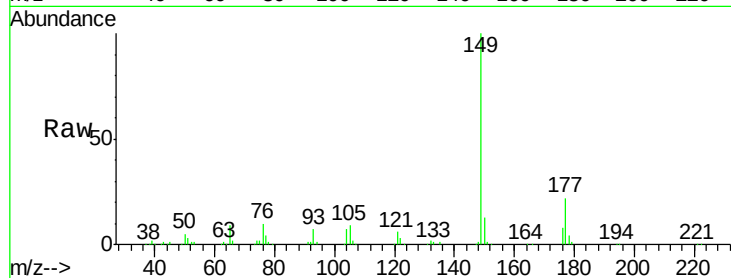
#59
Diethylphthalate
Concen: 45.32 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.6	26.4
150	12.6	10.0	15.0

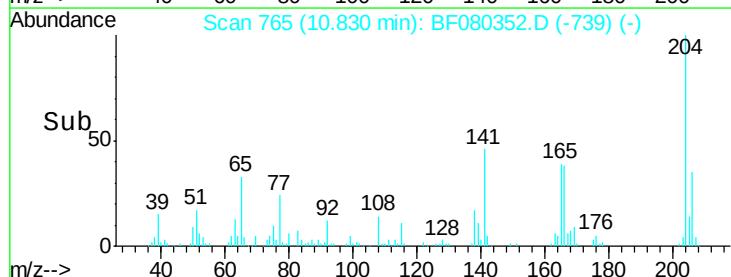
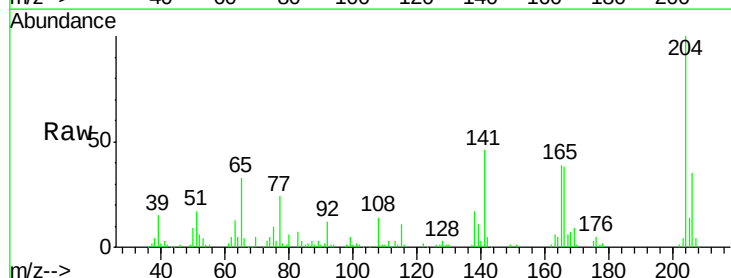
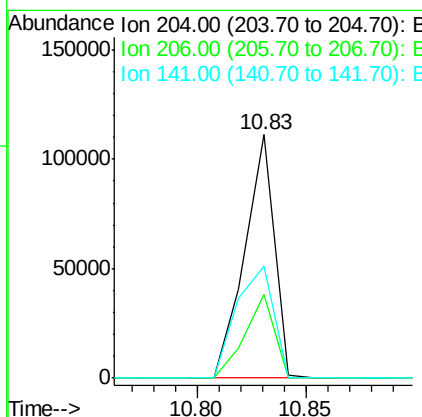
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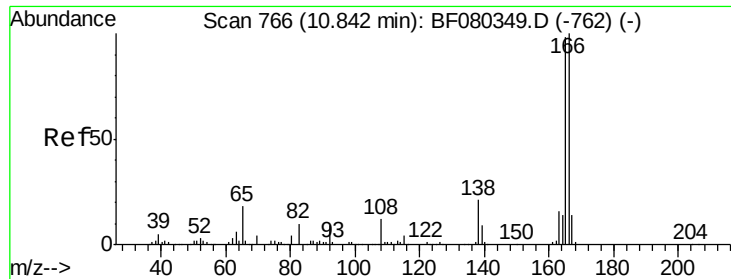
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 43.00 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.2	40.8
141	45.9	35.9	53.9





#61

4-Nitroaniline

Concen: 43.03 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080352.D

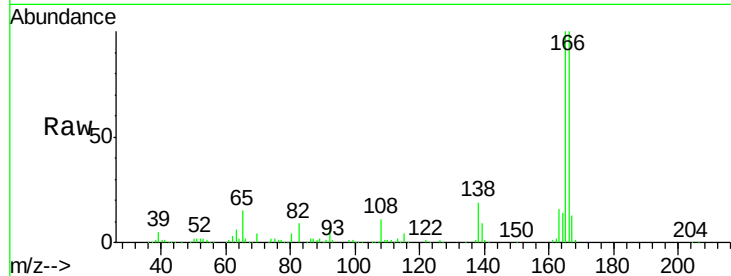
Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

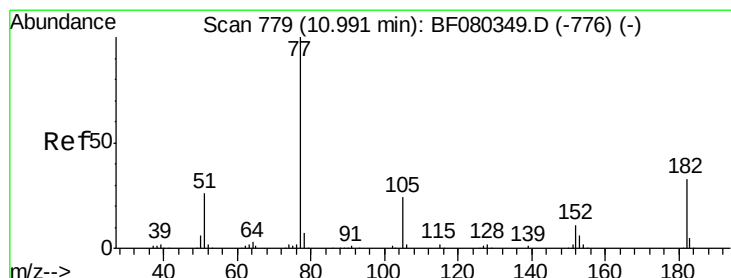
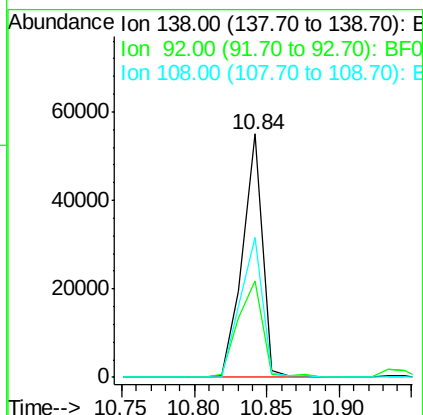
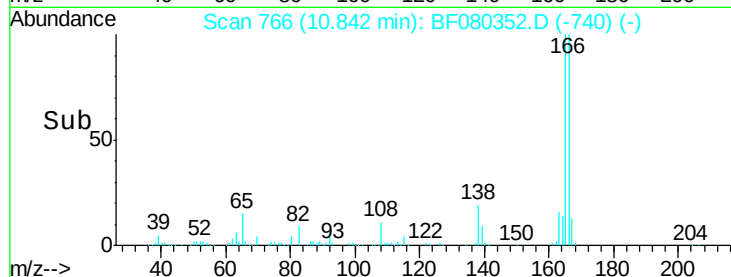
PB84363BS



Tgt Ion:	138	Resp:	52677
Ion Ratio	Lower	Upper	
138	100		
92	39.6	21.0	61.0
108	57.5	38.4	78.4

Manual Integrations
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#62

Azobenzene

Concen: 43.88 ng

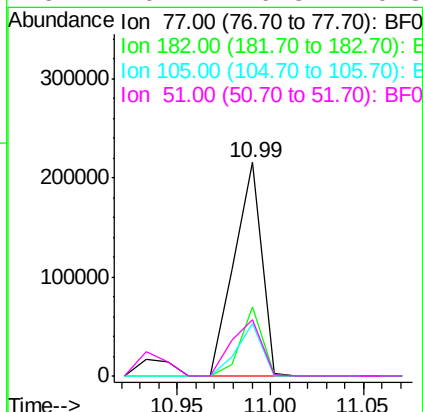
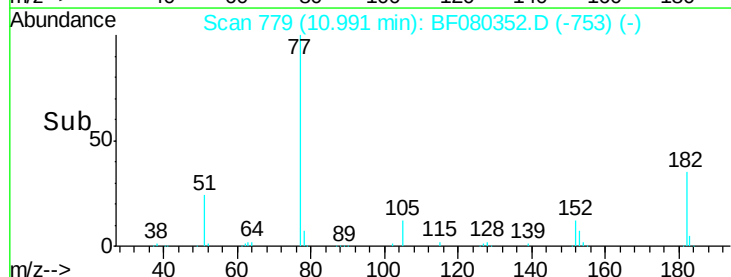
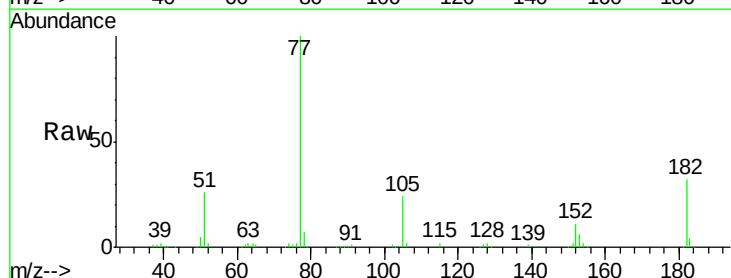
RT: 10.99 min Scan# 779

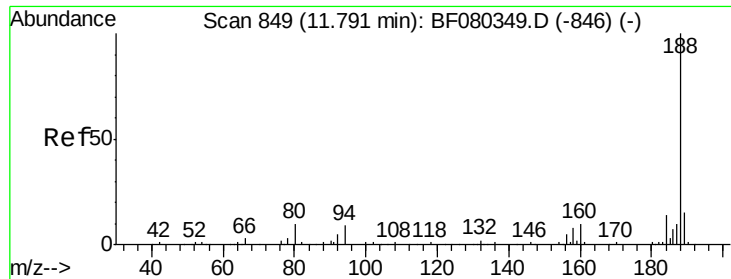
Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Tgt Ion:	77	Resp:	222886
Ion Ratio	Lower	Upper	
77	100		
182	32.4	13.2	53.2
105	24.4	4.3	44.3
51	26.2	6.3	46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

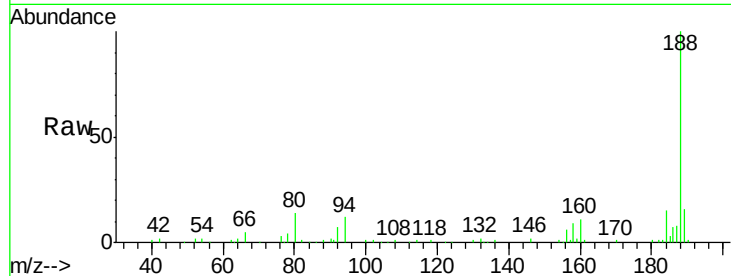
ClientSampleId :

PB84363BS

Tgt Ion:	188	Resp:	139960
Ion Ratio	Lower	Upper	
188	100		
94	12.4	7.5	11.3#
80	14.3	8.3	12.5#

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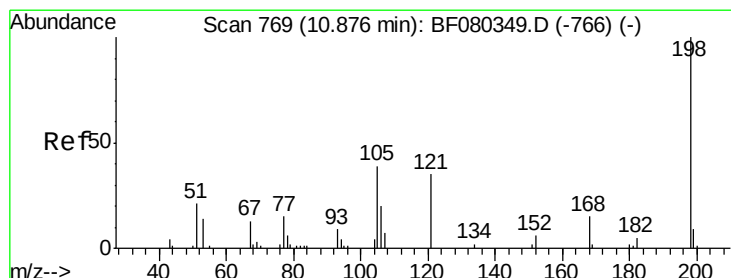
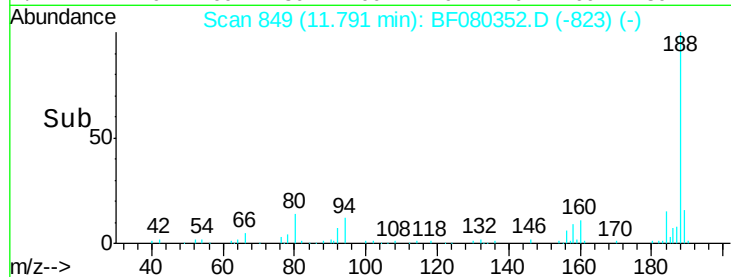
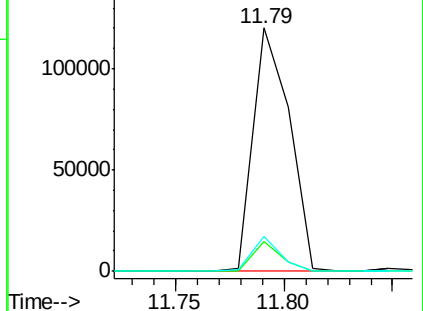
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 41.42 ng

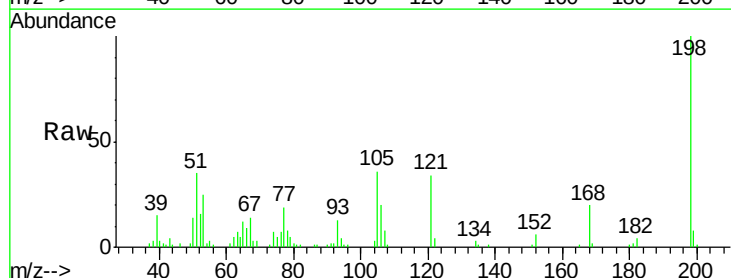
RT: 10.88 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

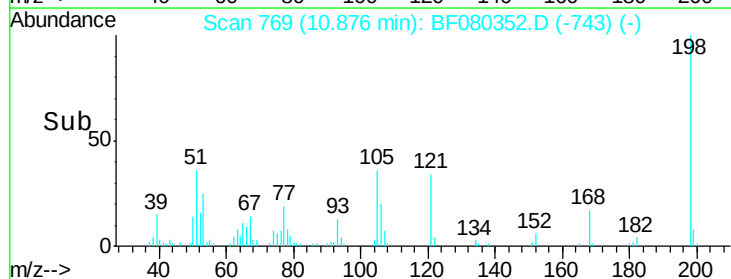
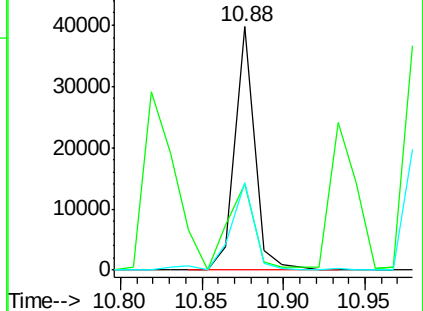
Tgt Ion:	198	Resp:	33077
Ion Ratio	Lower	Upper	
198	100		
51	35.2	17.0	57.0
105	35.9	20.9	60.9

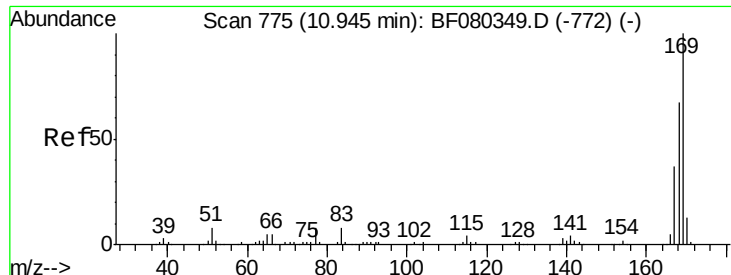


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





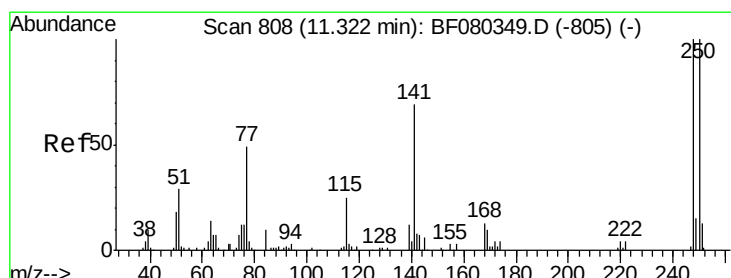
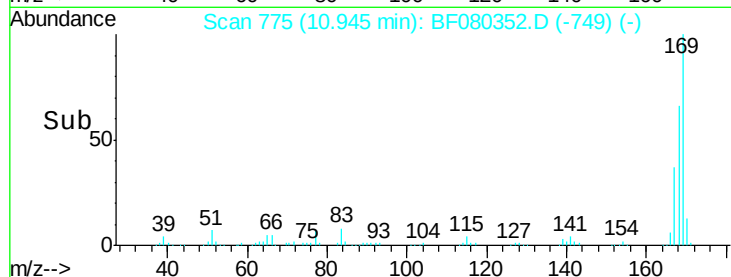
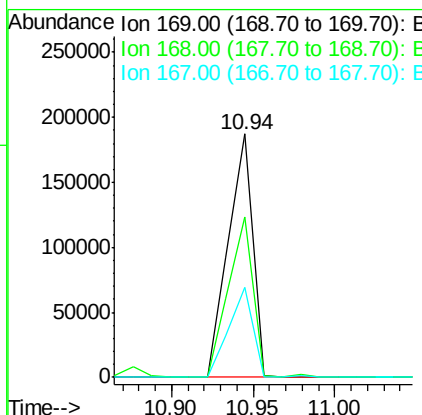
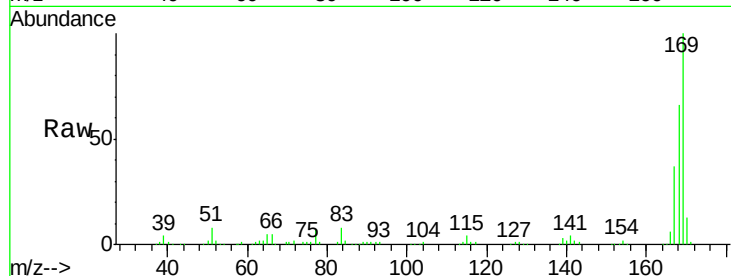
#65
 n-Nitrosodiphenylamine
 Concen: 43.25 ng
 RT: 10.94 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	192810		
168	66.1	53.5	80.3	
167	37.1	29.5	44.3	

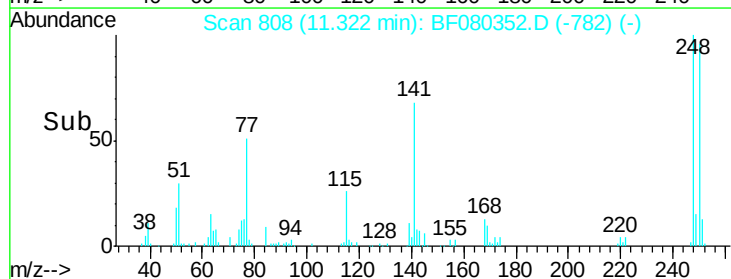
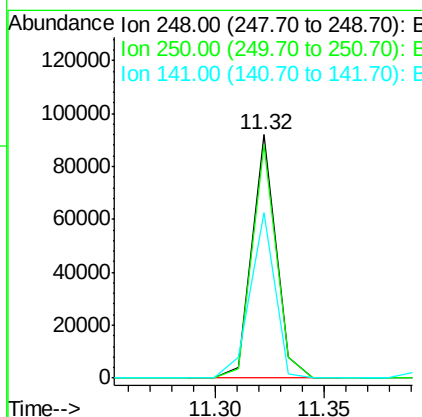
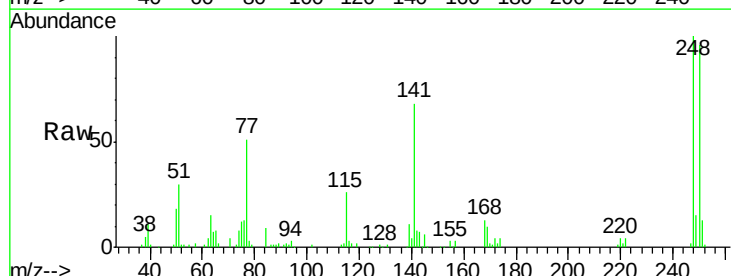
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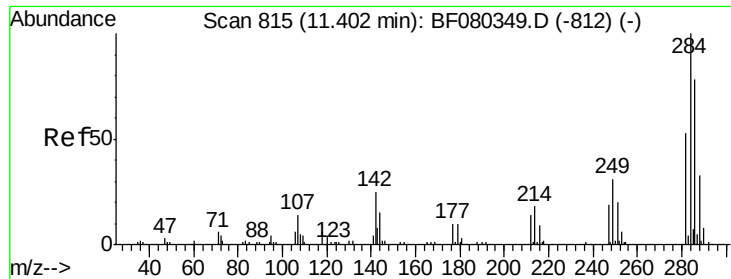
apatel
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#66
 4-Bromophenyl-phenylether
 Concen: 44.47 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	71301		
250	95.8	80.0	120.0	
141	67.8	54.8	82.2	





#67

Hexachlorobenzene

Concen: 43.57 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF080352.D

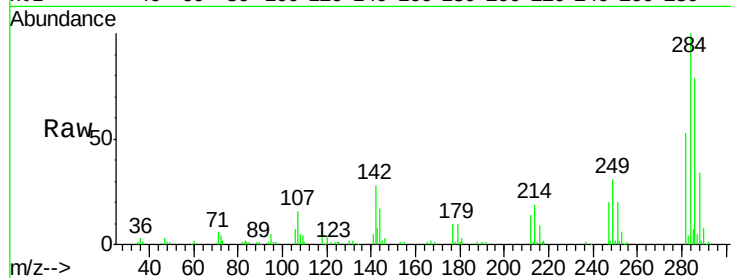
Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

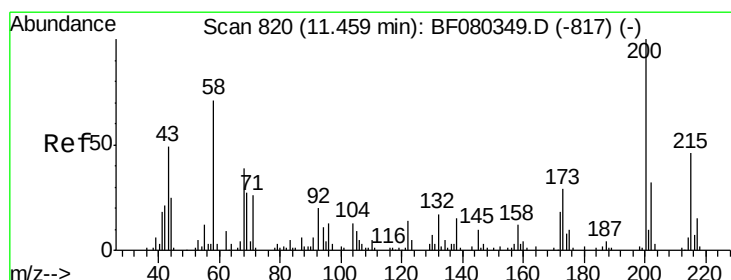
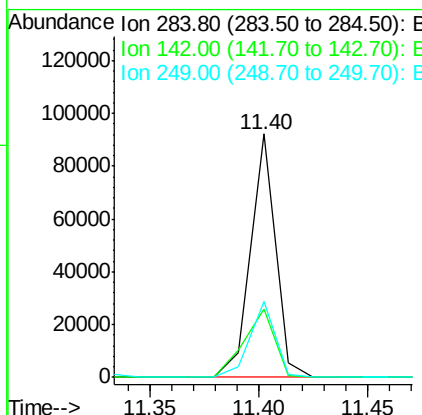
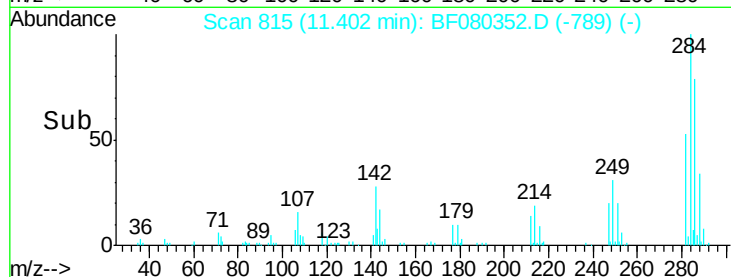
PB84363BS



Tgt Ion:	284	Resp:	73286
Ion Ratio	Lower	Upper	
284	100		
142	27.8	20.3	30.5
249	31.2	24.7	37.1

Manual Integrations
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#68

Atrazine

Concen: 41.08 ng

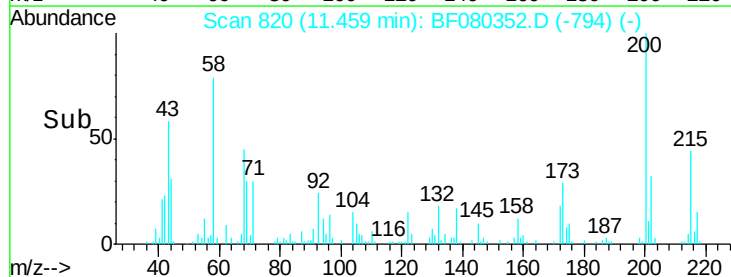
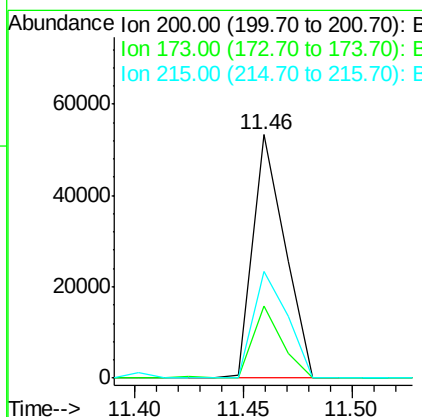
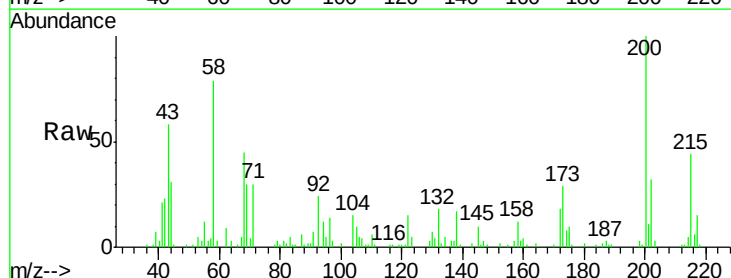
RT: 11.46 min Scan# 820

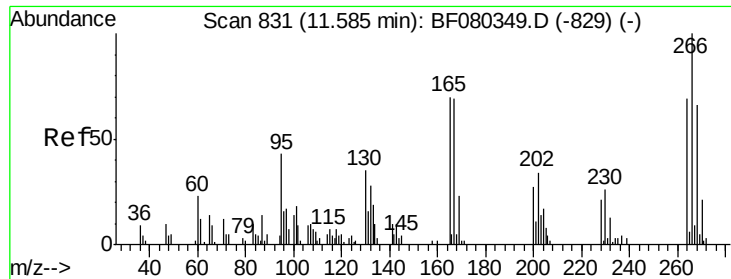
Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Tgt Ion:	200	Resp:	54522
Ion Ratio	Lower	Upper	
200	100		
173	29.4	9.9	49.9
215	43.8	26.2	66.2





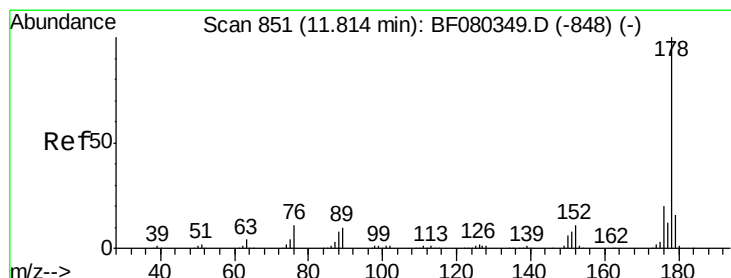
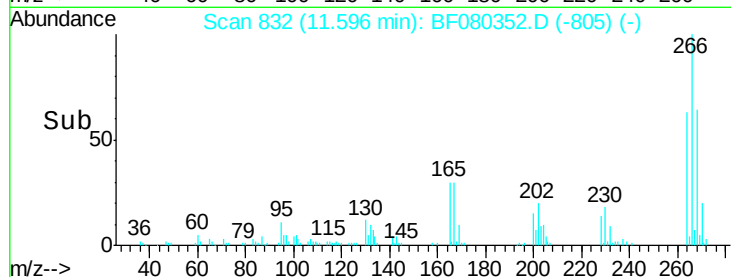
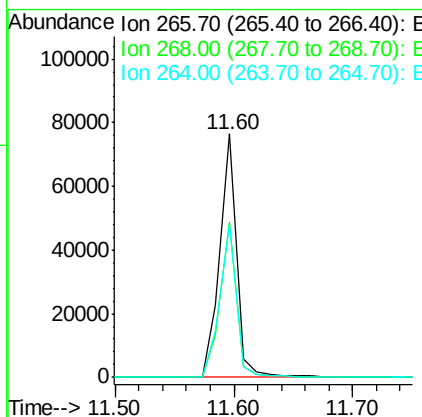
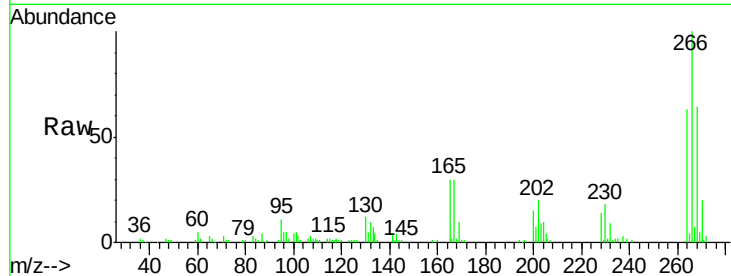
#69
 Pentachlorophenol
 Concen: 89.82 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.7	79.1
264	62.8	55.0	82.6

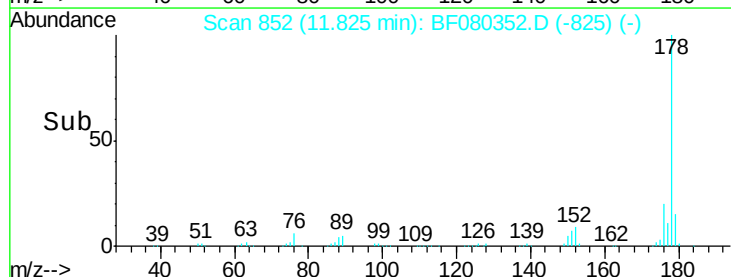
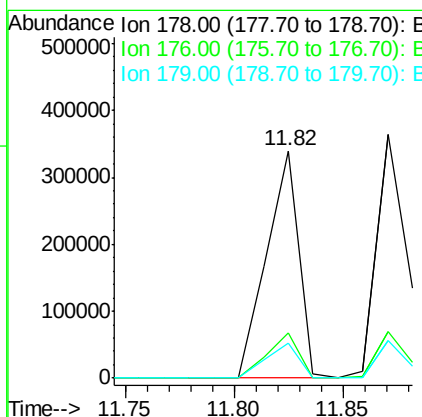
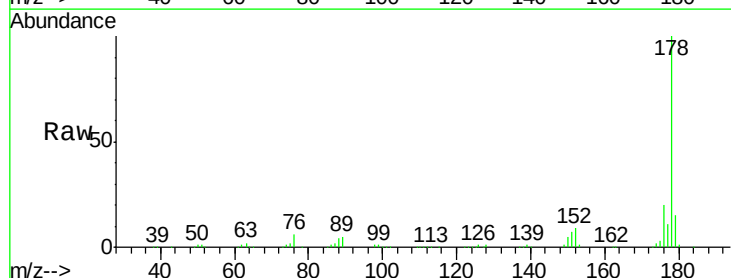
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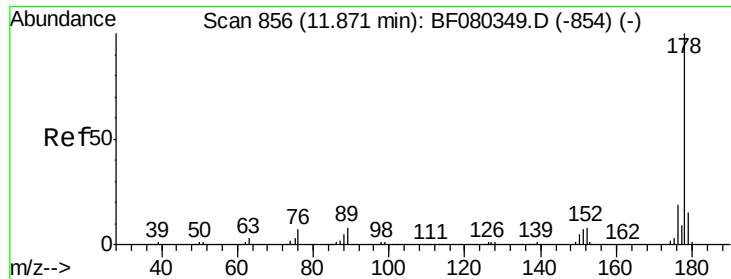
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#70
 Phenanthrene
 Concen: 41.94 ng
 RT: 11.82 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.1	24.1
179	15.4	12.6	18.8





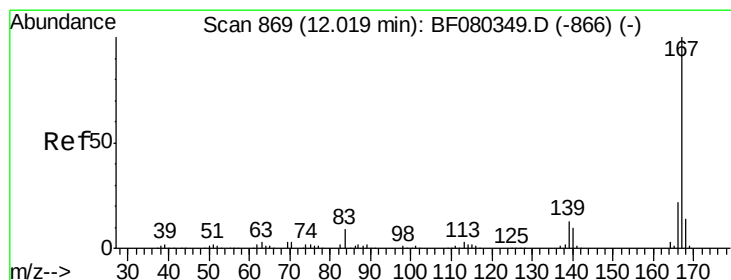
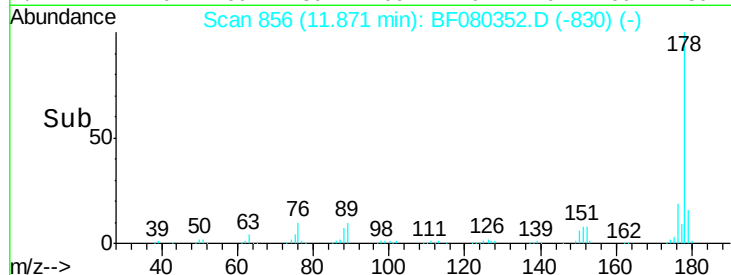
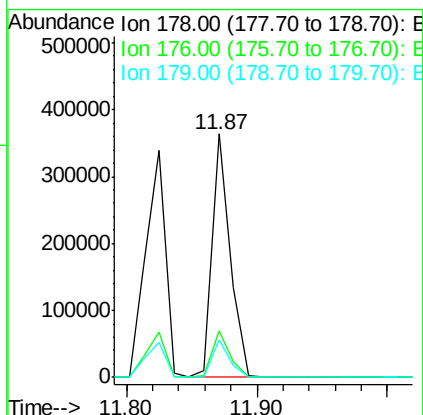
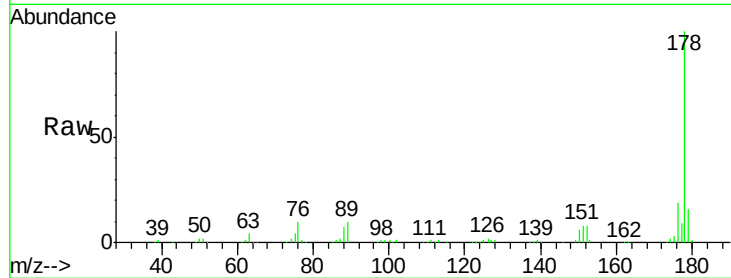
#71
 Anthracene
 Concen: 42.76 ng
 RT: 11.87 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.5	12.3	18.5

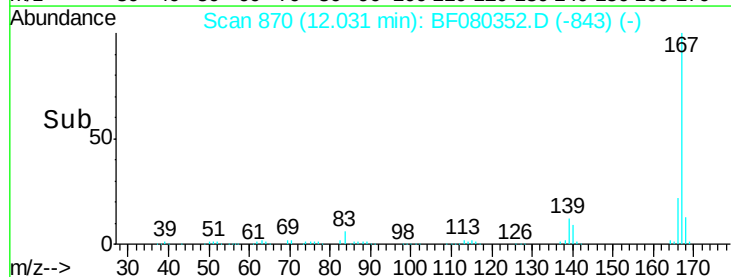
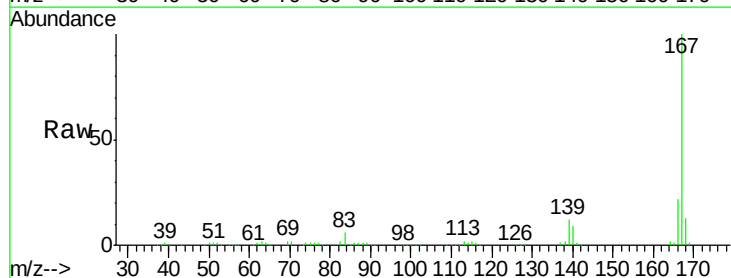
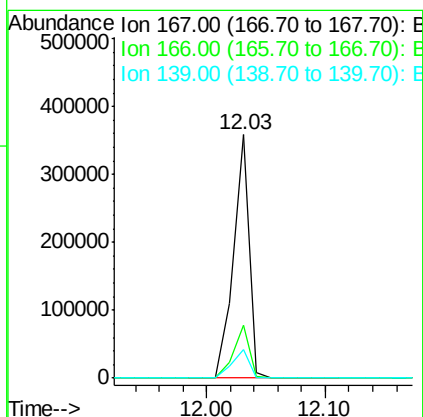
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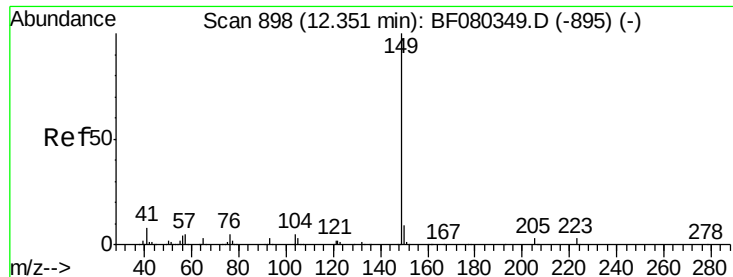
apatel
 7/7/2015 4:25:53 PM



#72
 Carbazole
 Concen: 42.85 ng
 RT: 12.03 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.6
139	11.5	10.4	15.6





#73

Di-n-butylphthalate

Concen: 41.50 ng

RT: 12.36 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

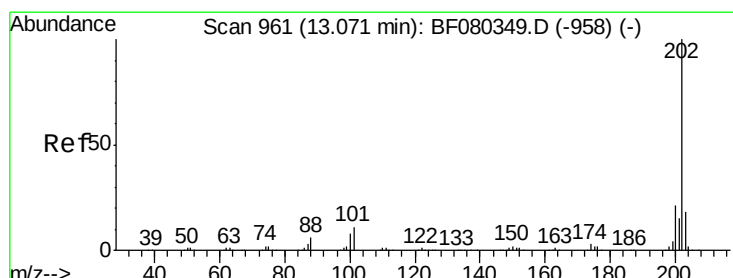
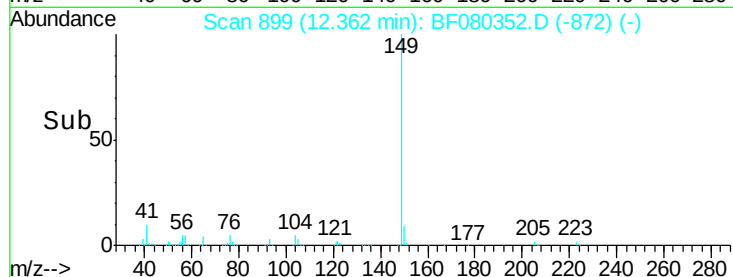
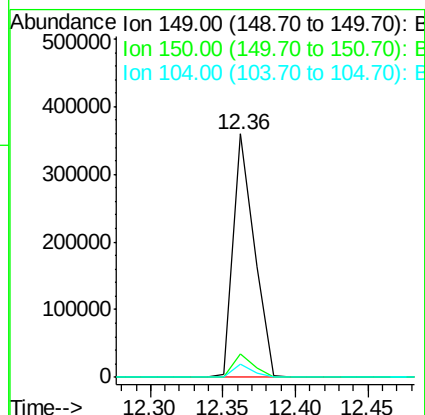
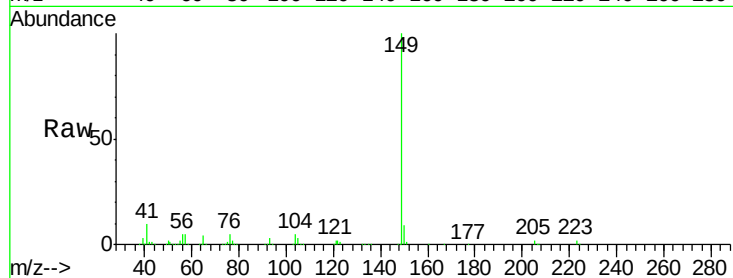
ClientSampleId :

PB84363BS

Tgt Ion:	149	Resp:	364421
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.5	11.3
104	5.5	3.9	5.9

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#74

Fluoranthene

Concen: 42.18 ng

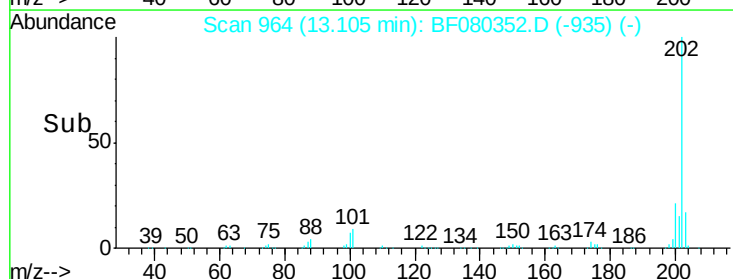
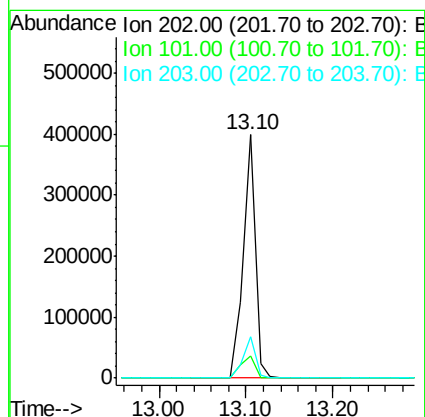
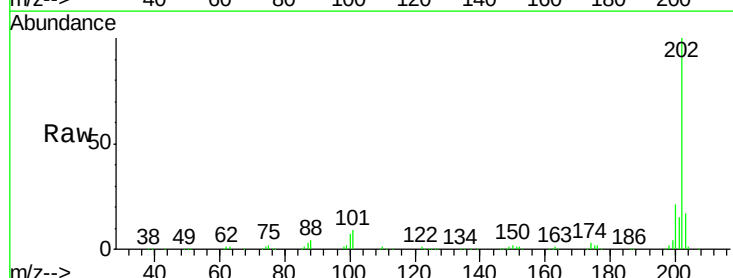
RT: 13.10 min Scan# 964

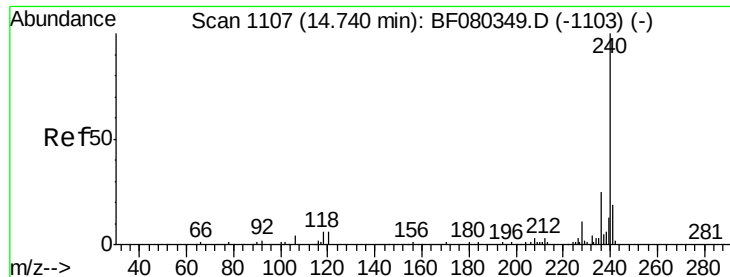
Delta R.T. 0.03 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Tgt Ion:	202	Resp:	380445
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	31.0
203	17.2	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.84 min Scan# 1116

Delta R.T. 0.10 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

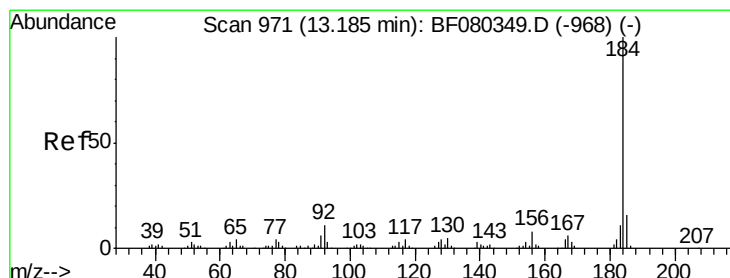
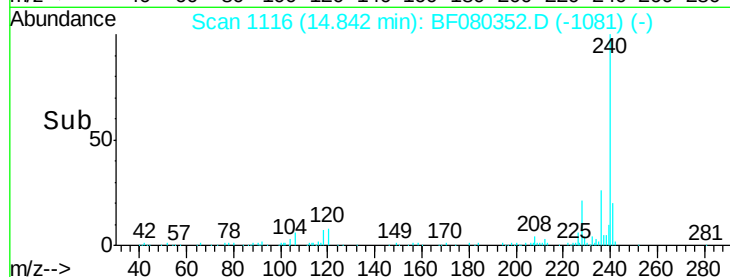
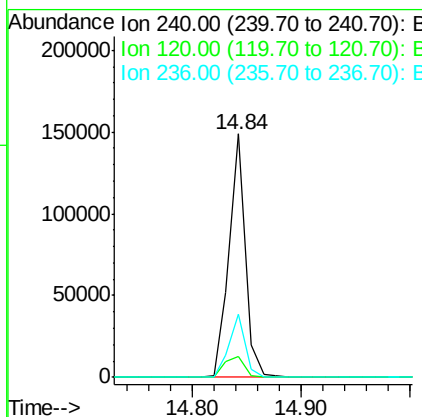
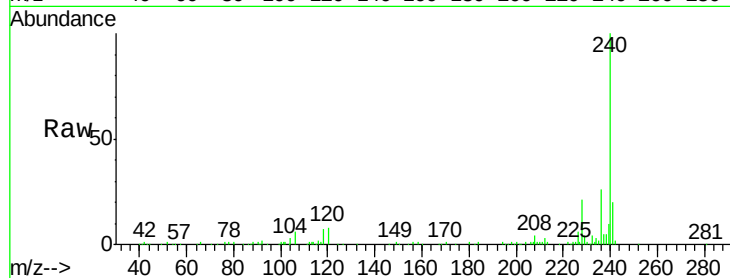
ClientSampleId :

PB84363BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	155033		
120	8.5	5.1	7.7#	
236	25.7	20.4	30.6	

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#76

Benzidine

Concen: 54.15 ng

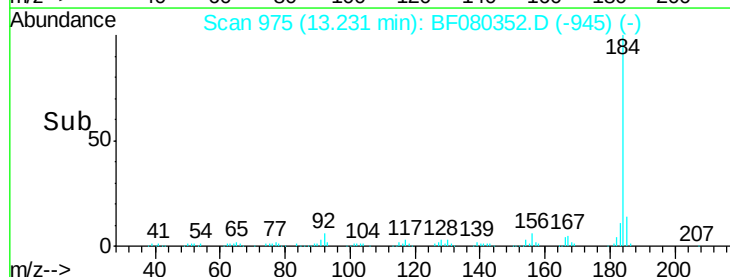
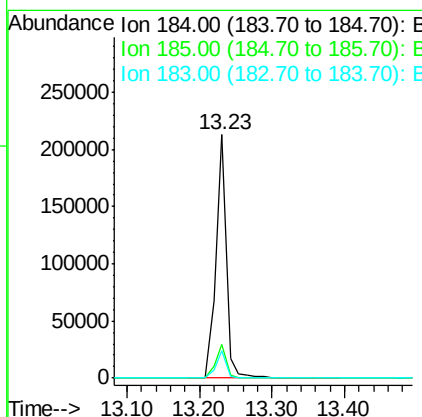
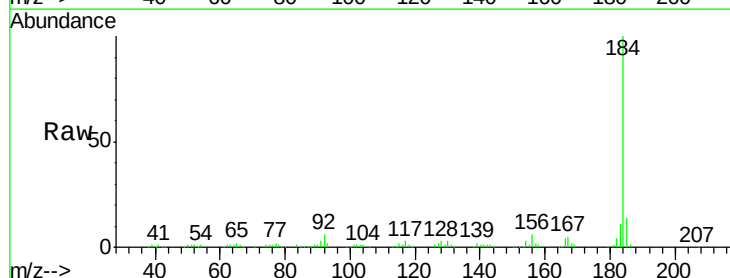
RT: 13.23 min Scan# 975

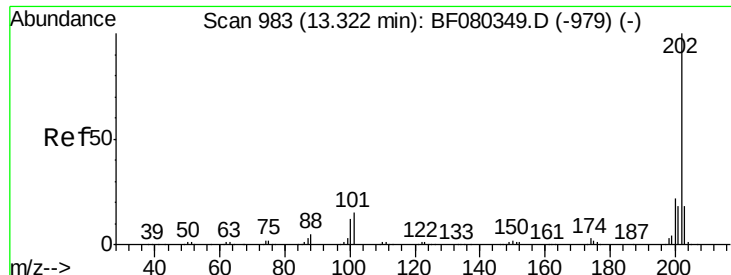
Delta R.T. 0.05 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	212922		
185	13.9	12.6	19.0	
183	11.1	9.2	13.8	





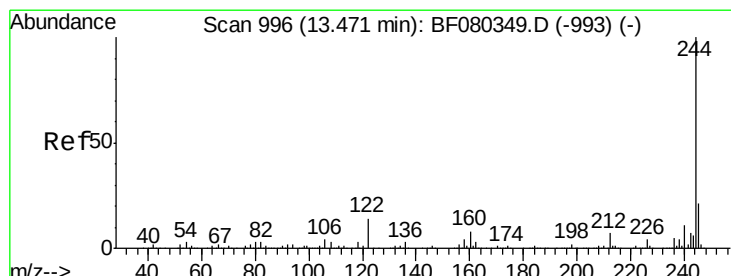
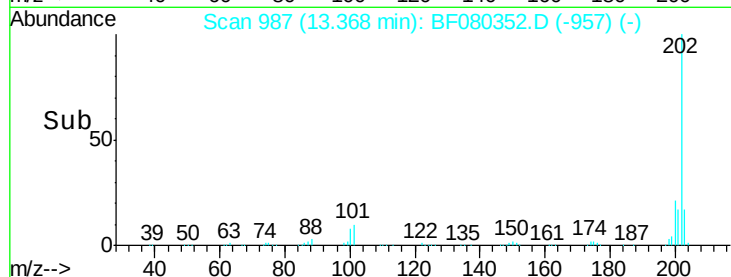
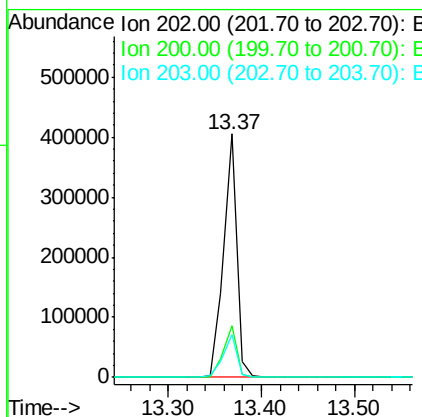
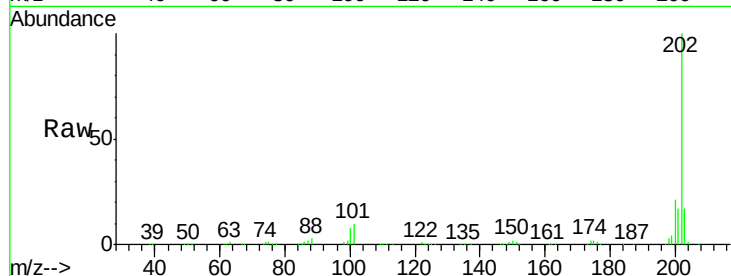
#77
 Pyrene
 Concen: 42.58 ng
 RT: 13.37 min Scan# 987
 Delta R.T. 0.05 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.3	17.2	25.8
203	17.4	14.3	21.5

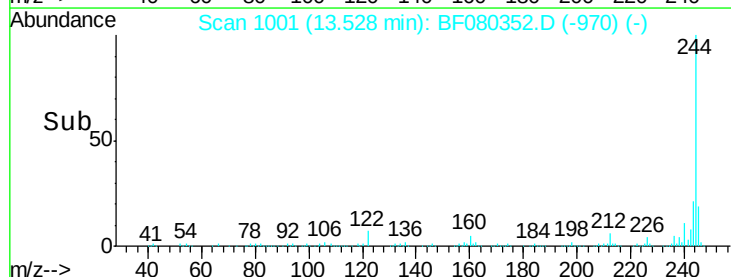
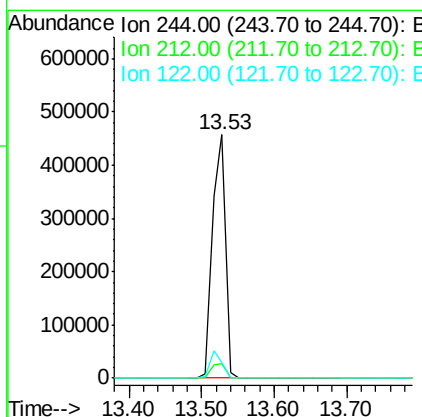
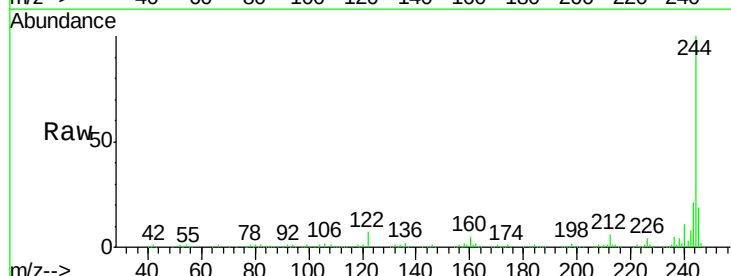
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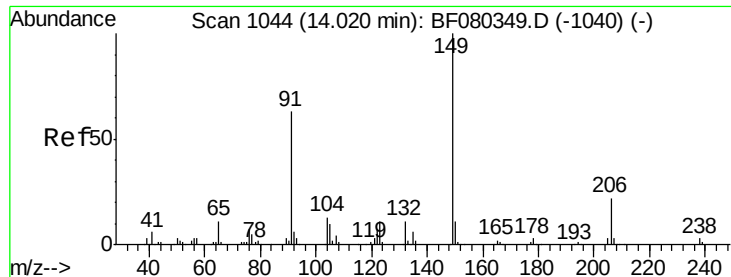
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#78
 Terphenyl-d14
 Concen: 85.30 ng
 RT: 13.53 min Scan# 1001
 Delta R.T. 0.06 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.1	5.8	8.8
122	6.6	11.1	16.7





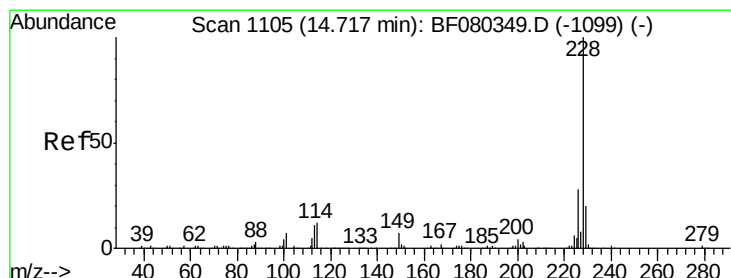
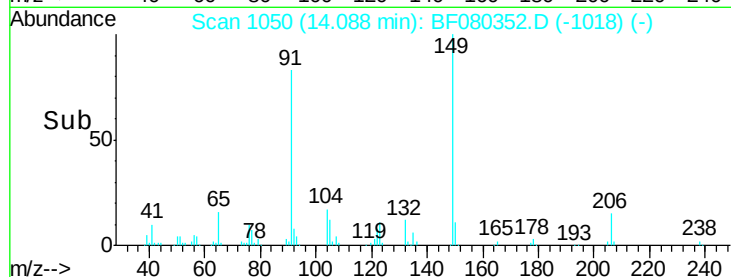
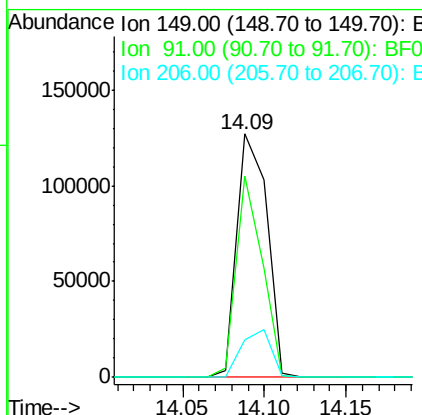
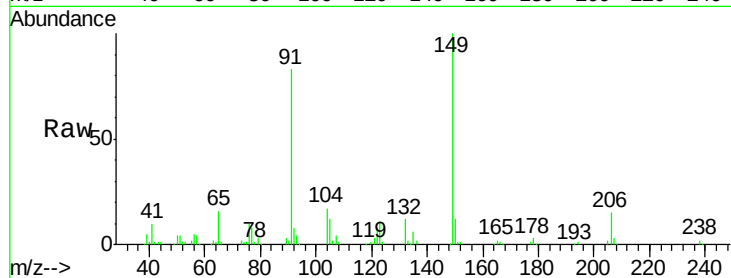
#79
Butylbenzylphthalate
Concen: 43.33 ng
RT: 14.09 min Scan# 1050
Delta R.T. 0.07 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	82.6	50.8	76.2#
206	15.4	17.6	26.4#

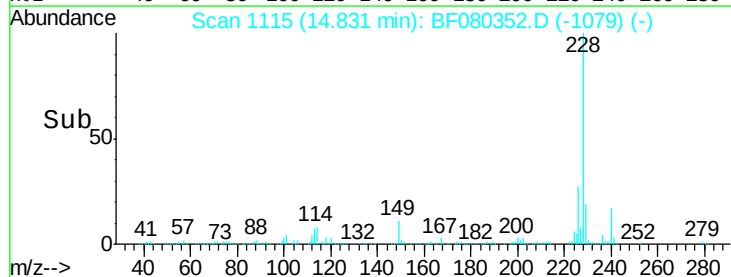
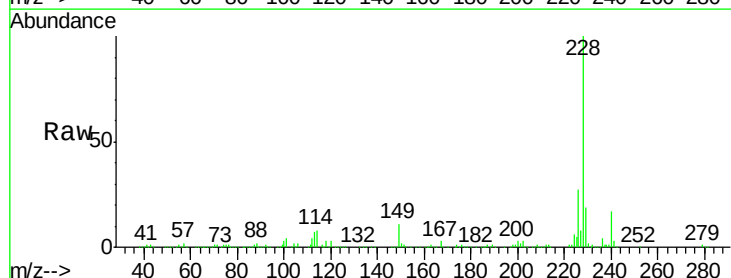
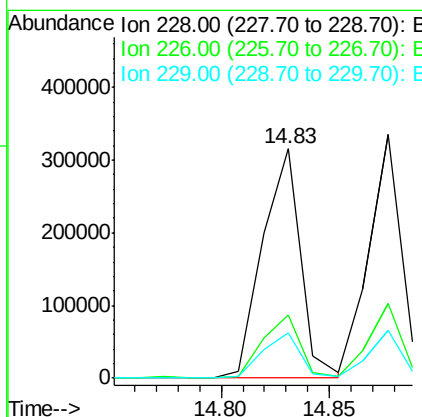
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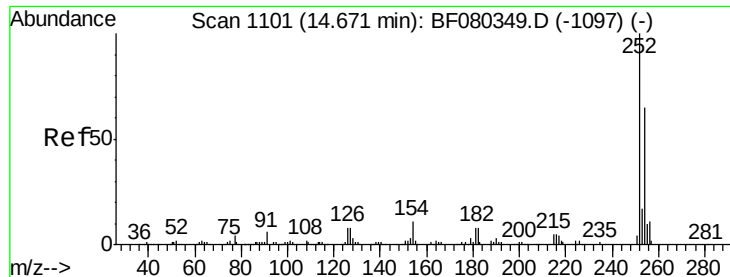
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#80
Benzo(a)anthracene
Concen: 41.31 ng
RT: 14.83 min Scan# 1115
Delta R.T. 0.11 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.4	22.2	33.4
229	19.5	16.0	24.0





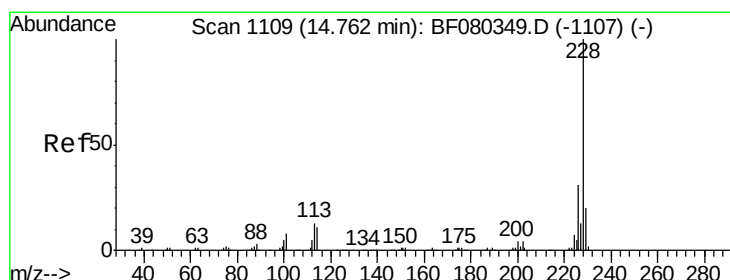
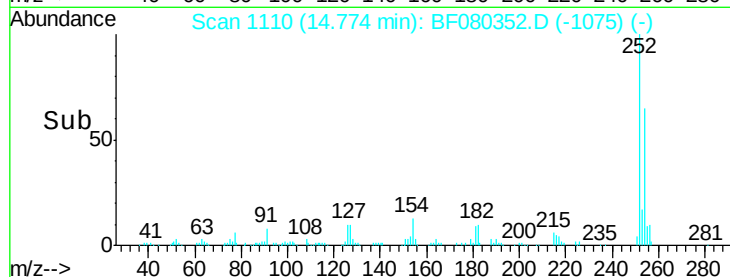
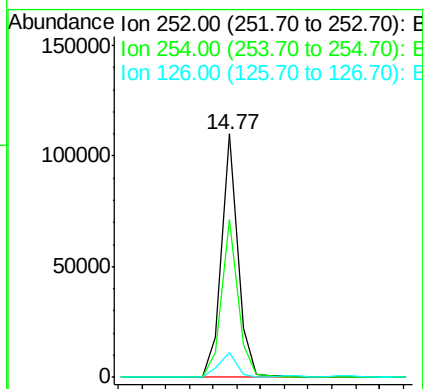
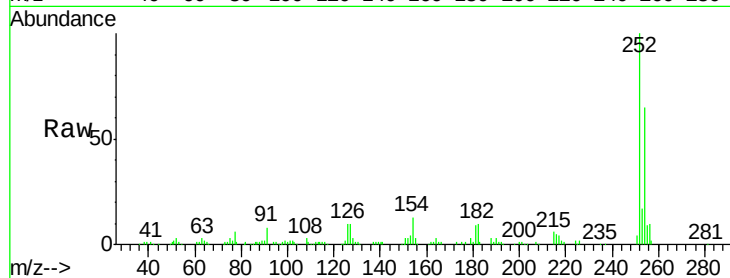
#81
 3,3'-Dichlorobenzidine
 Concen: 34.04 ng
 RT: 14.77 min Scan# 1110
 Delta R.T. 0.10 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampled :
 PB84363BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	64.6	51.7	77.5
126	10.3	6.3	9.5

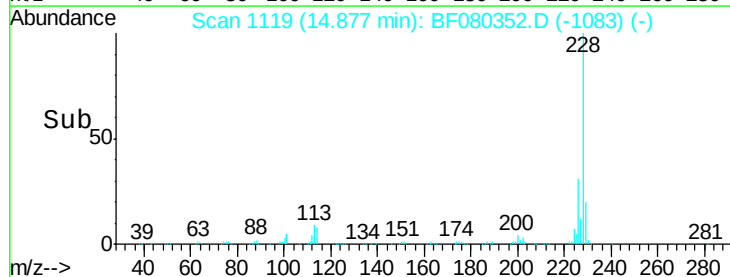
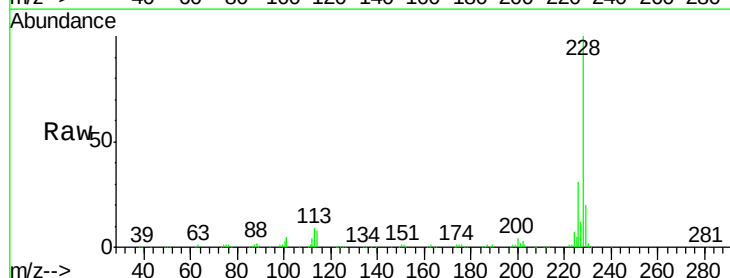
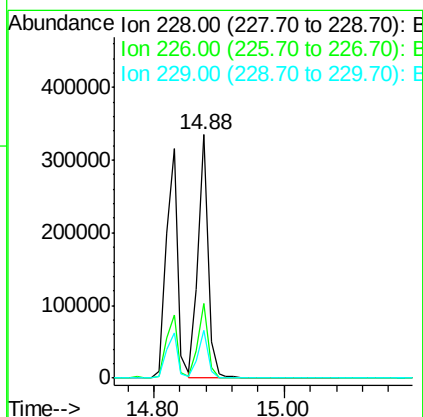
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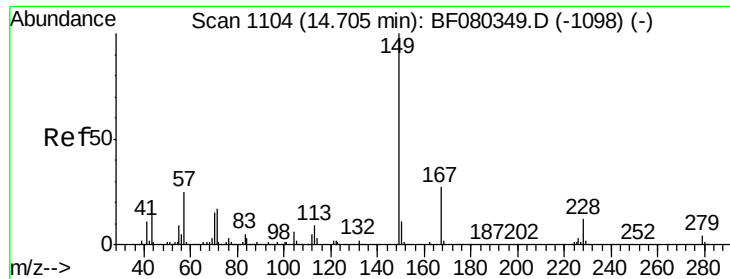
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#82
 Chrysene
 Concen: 41.14 ng
 RT: 14.88 min Scan# 1119
 Delta R.T. 0.11 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	25.0	37.4
229	19.6	16.1	24.1





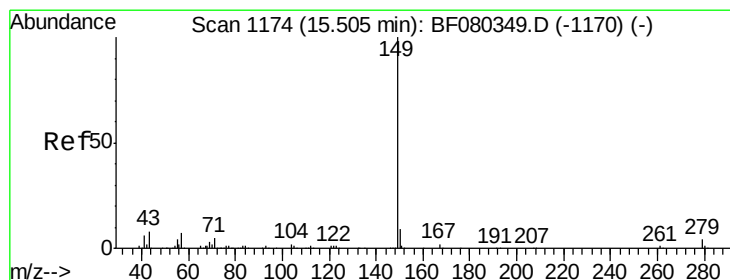
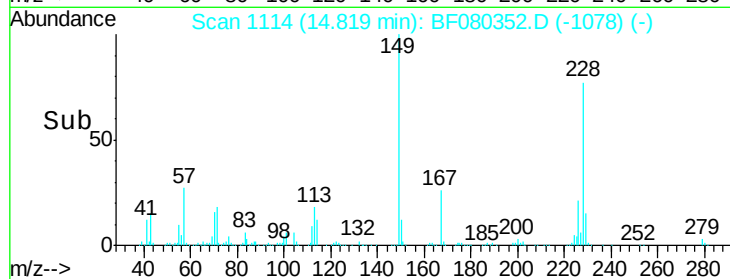
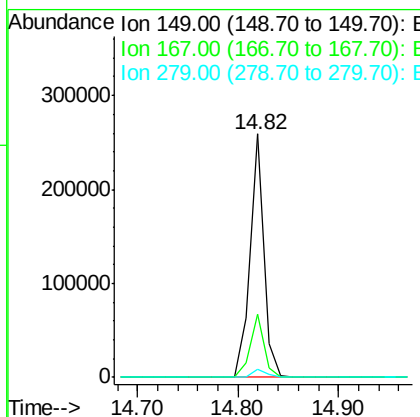
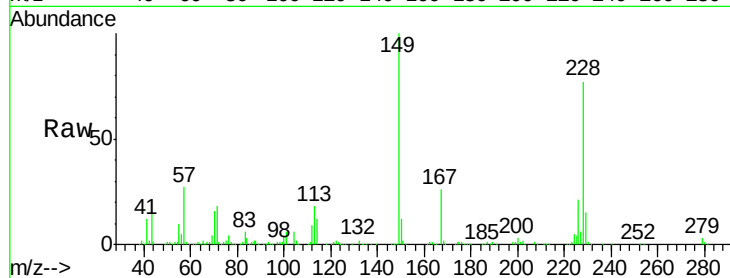
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.66 ng
 RT: 14.82 min Scan# 1114
 Delta R.T. 0.11 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.1	21.4	32.0
279	3.2	2.9	4.3

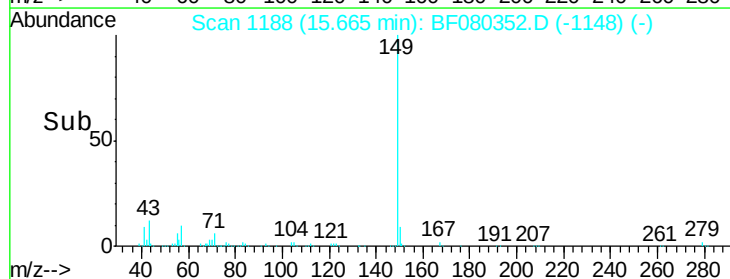
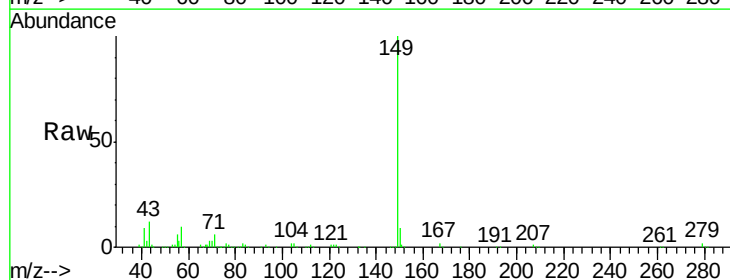
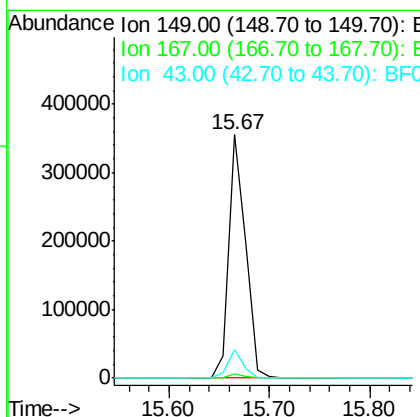
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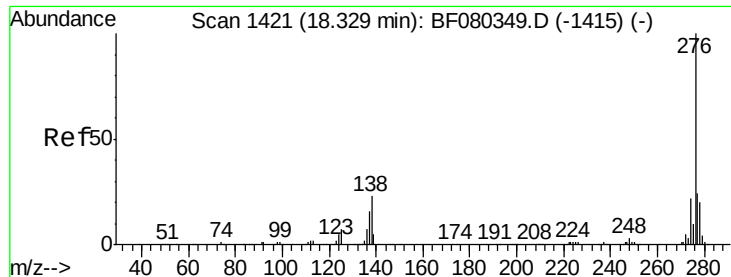
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#84
 Di-n-octyl phthalate
 Concen: 43.59 ng
 RT: 15.67 min Scan# 1188
 Delta R.T. 0.16 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	1.2	1.8
43	11.4	9.1	13.7





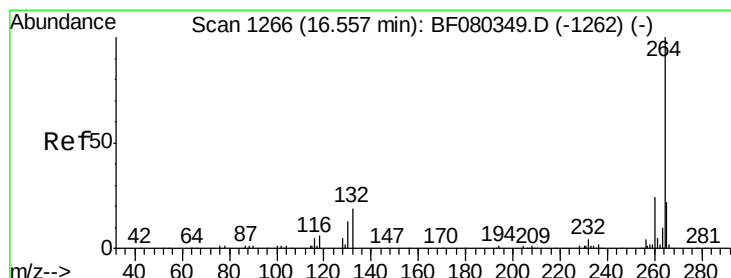
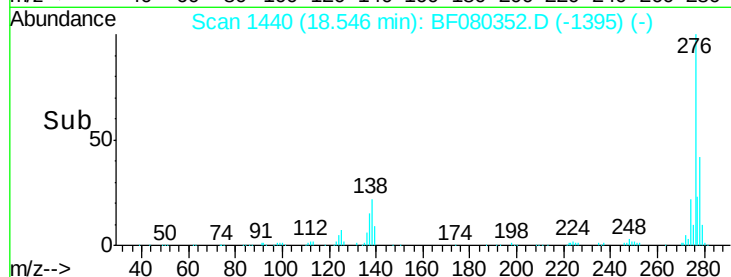
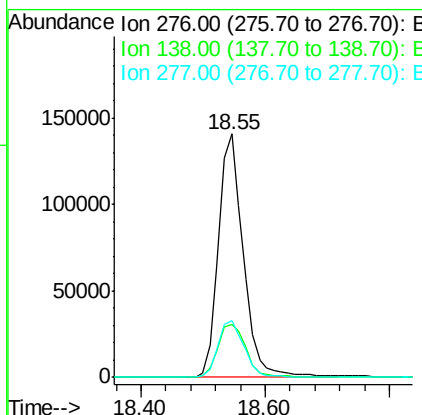
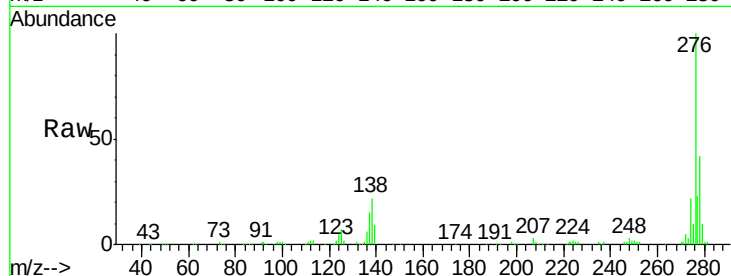
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.92 ng
 RT: 18.55 min Scan# 1440
 Delta R.T. 0.22 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	389840		
138	25.0	19.7	29.5	
277	24.5	19.4	29.0	

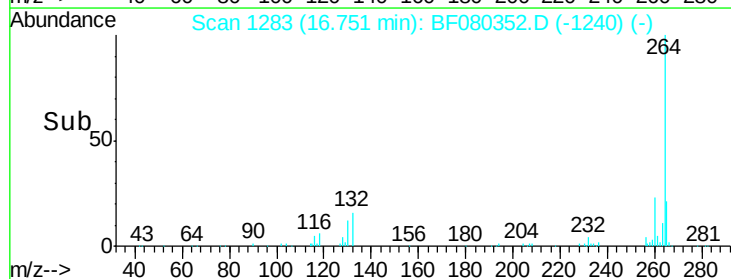
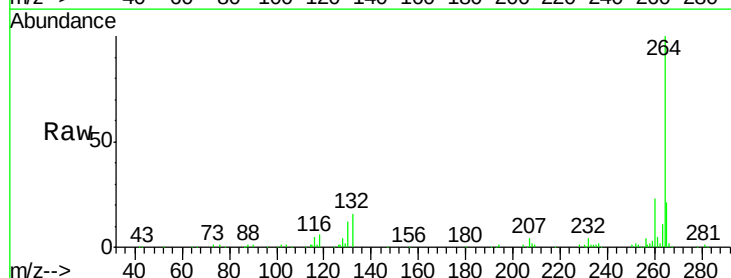
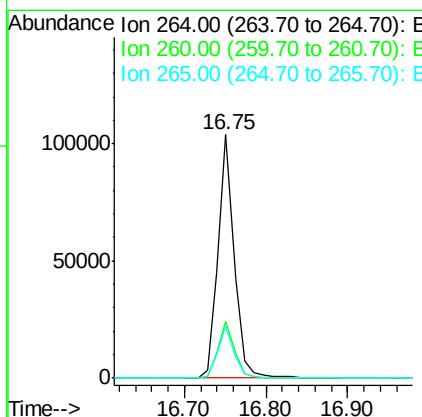
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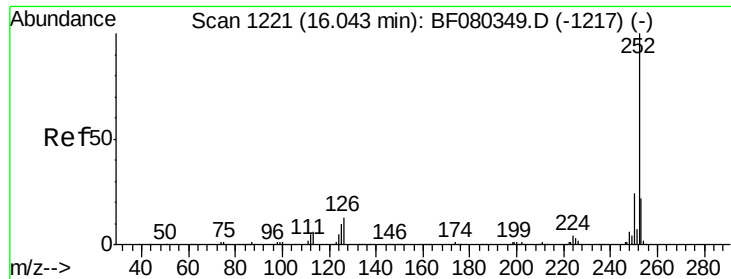
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. 0.19 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	142936		
260	23.2	19.2	28.8	
265	21.1	17.6	26.4	





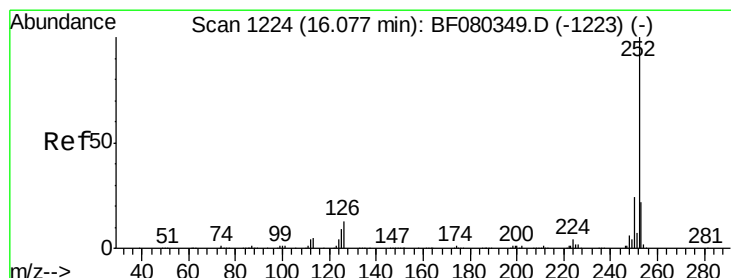
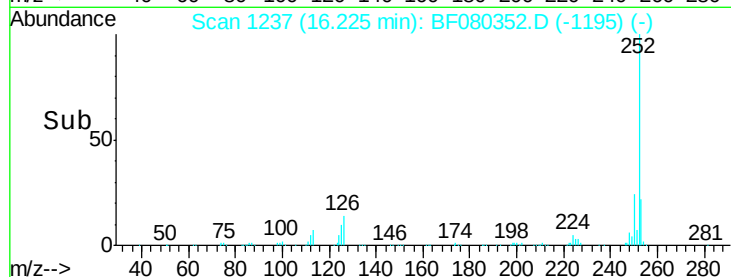
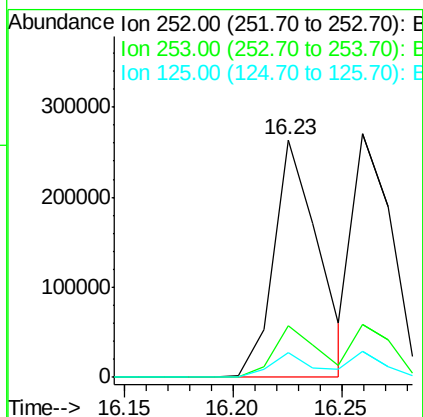
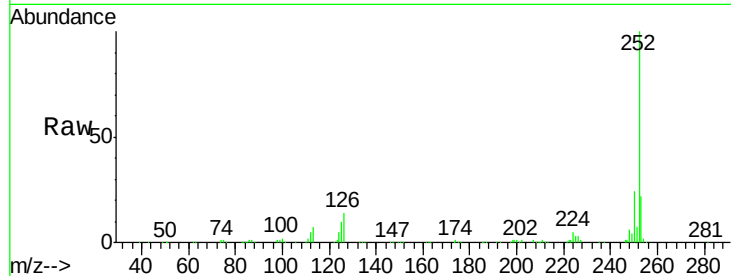
#87
Benzo(b)fluoranthene
Concen: 41.93 ng
RT: 16.23 min Scan# 1237
Delta R.T. 0.18 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.4	7.7	11.5

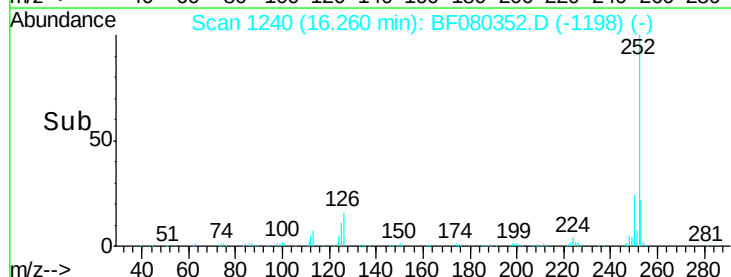
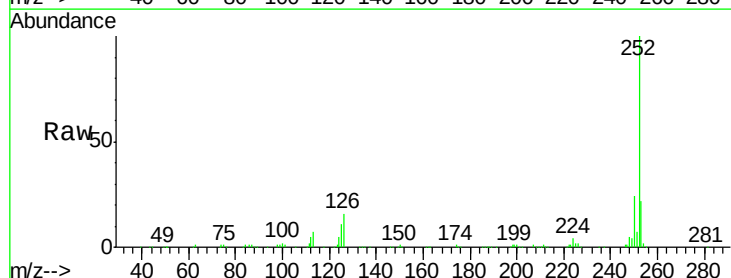
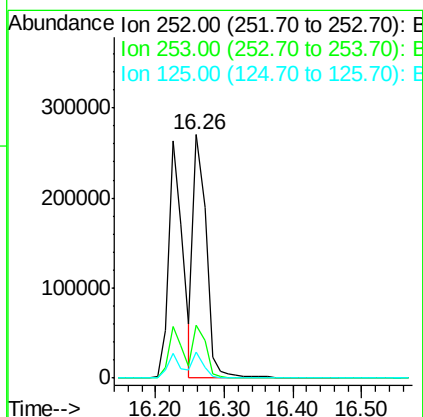
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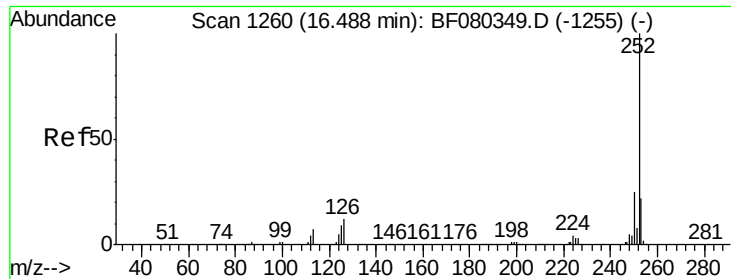
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#88
Benzo(k)fluoranthene
Concen: 40.81 ng
RT: 16.26 min Scan# 1240
Delta R.T. 0.18 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.5	8.5	12.7





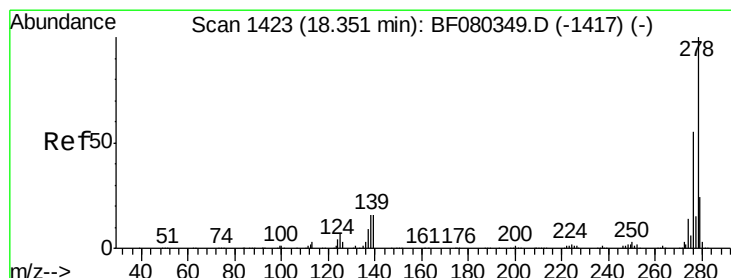
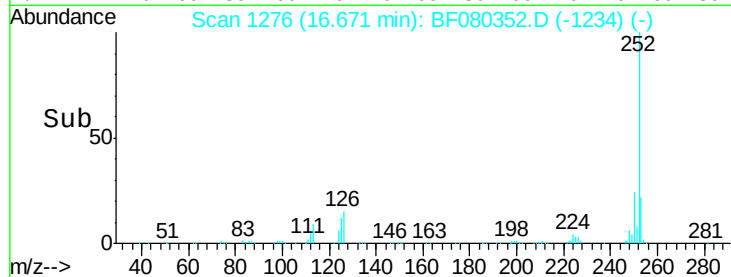
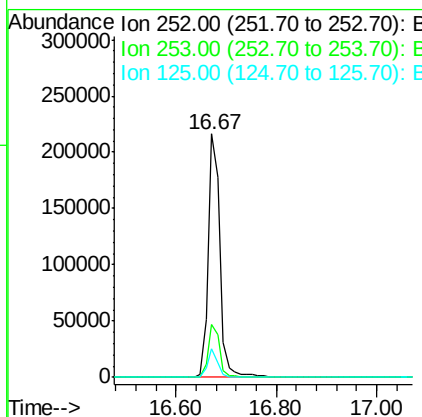
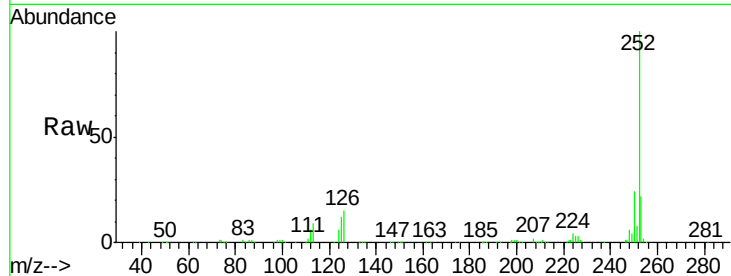
#89
Benzo(a)pyrene
Concen: 42.58 ng
RT: 16.67 min Scan# 1276
Delta R.T. 0.18 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	11.6	7.3	10.9

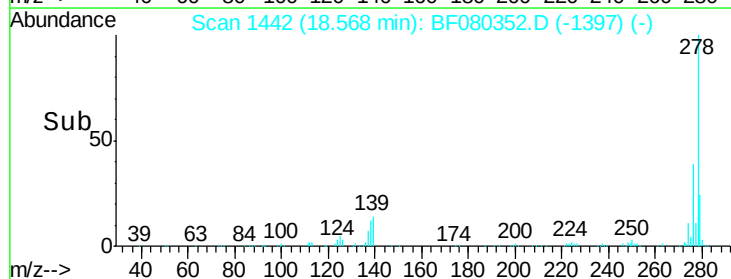
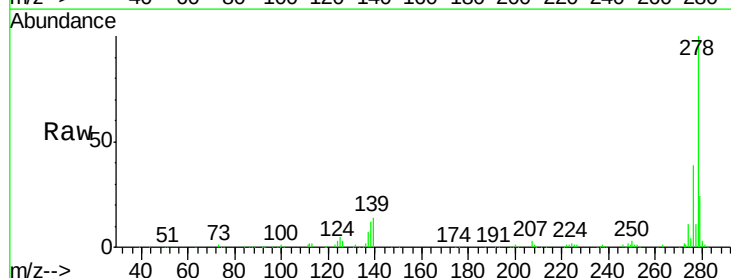
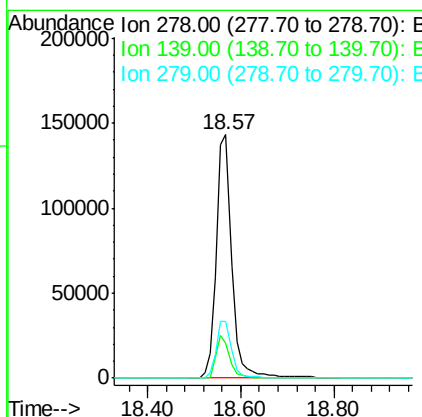
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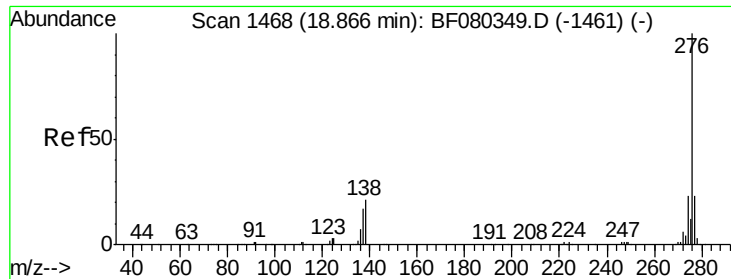
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#90
Dibenzo(a,h)anthracene
Concen: 40.68 ng
RT: 18.57 min Scan# 1442
Delta R.T. 0.22 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	13.0	19.6
279	23.5	19.1	28.7





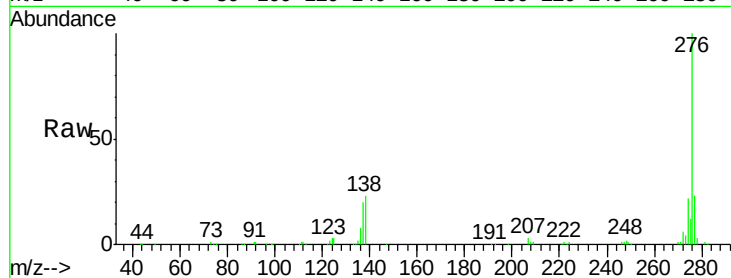
#91
 Benzo(g,h,i)perylene
 Concen: 40.24 ng
 RT: 19.07 min Scan# 1486
 Delta R.T. 0.21 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt	Ion	276	Resp:	330131
Ion	Ratio	Lower	Upper	
276	100			
277	23.4	18.6	28.0	
138	22.5	16.8	25.2	

Manual Integrations
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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

