

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080580.D
 Acq On : 23 Jul 2015 4:00
 Operator : TP/UM
 Sample : PB84616BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Manual Integrations
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apatel
 7/23/2015 11:51:32 AM

Quant Time: Jul 23 06:47:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44536	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	171325	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	81849	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	147338	20.00	ng	0.00
75) Chrysene-d12	14.23	240	113004	20.00	ng	-0.09
86) Perylene-d12	15.83	264	78529	20.00	ng	-0.19

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	253515	100.95	ng	0.01
7) Phenol-d6	6.57	99	329133	106.41	ng	0.00
23) Nitrobenzene-d5	7.52	82	199168	74.88	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	64895	107.40	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	356856	62.70	ng	0.00
78) Terphenyl-d14	13.09	244	350338	63.58	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	31180	23.88	ng	# 100
3) Pyridine	3.30	79	86837	28.65	ng	93
4) n-Nitrosodimethylamine	3.21	42	56880	29.71	ng	# 95
6) Aniline	6.61	93	72612	15.67	ng	96
8) 2-Chlorophenol	6.74	128	84457	32.11	ng	96
9) Benzaldehyde	6.50	77	27270	11.72	ng	91
10) Phenol	6.58	94	129200	35.12	ng	97
11) bis(2-Chloroethyl)ether	6.68	93	87884	33.26	ng	94
12) 1,3-Dichlorobenzene	6.90	146	100104	29.42	ng	97
13) 1,4-Dichlorobenzene	6.98	146	95821	29.57	ng	98
14) 1,2-Dichlorobenzene	7.13	146	102359	32.75	ng	98
15) Benzyl Alcohol	7.09	79	80123	31.29	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	167499	30.27	ng	97
17) 2-Methylphenol	7.20	107	70768	31.55	ng	96
18) Hexachloroethane	7.47	117	34054	29.81	ng	# 68
19) n-Nitroso-di-n-propylamine	7.36	70	61230	30.82	ng	# 80
20) 3+4-Methylphenols	7.36	107	87594	30.96	ng	# 87
22) Acetophenone	7.37	105	128643	31.45	ng	95
24) Nitrobenzene	7.54	77	95573	31.03	ng	98
25) Isophorone	7.78	82	173896	30.95	ng	# 96
26) 2-Nitrophenol	7.86	139	26662	37.14	ng	95
27) 2,4-Dimethylphenol	7.89	122	74121	31.16	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	94103	31.23	ng	99
29) 2,4-Dichlorophenol	8.10	162	66365	34.91	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	79684	29.98	ng	97
31) Naphthalene	8.27	128	259107	30.46	ng	99
32) Benzoic acid	7.95	122	31442m	44.75	ng	
33) 4-Chloroaniline	8.32	127	47995	14.66	ng	96
34) Hexachlorobutadiene	8.40	225	47825	30.81	ng	99
35) Caprolactam	8.64	113	15926	29.71	ng	95
36) 4-Chloro-3-methylphenol	8.78	107	86132	36.64	ng	96
37) 2-Methylnaphthalene	8.96	142	155197	32.57	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	83149	29.63	ng	98
40) Hexachlorocyclopentadiene	9.12	237	89789	74.27	ng	97

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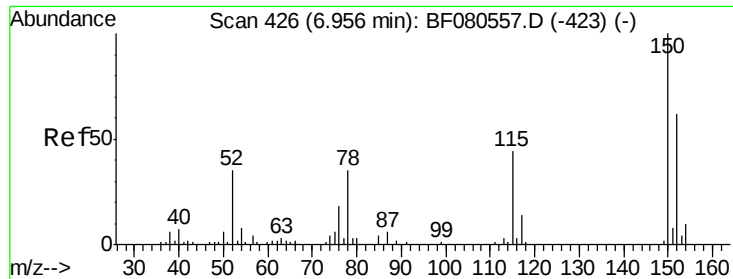
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	41513	29.87	ng	95
43) 2,4,5-Trichlorophenol	9.26	196	47907	32.98	ng	95
45) 1,1'-Biphenyl	9.42	154	210334	30.66	ng	98
46) 2-Chloronaphthalene	9.45	162	160987	29.71	ng	97
47) 2-Nitroaniline	9.54	65	43743	37.49	ng	97
48) Acenaphthylene	9.87	152	234869	29.53	ng	98
49) Dimethylphthalate	9.72	163	193459	33.66	ng	99
50) 2,6-Dinitrotoluene	9.78	165	32783	35.13	ng	94
51) Acenaphthene	10.04	154	148436	31.77	ng	97
52) 3-Nitroaniline	9.95	138	20599	25.15	ng	94
53) 2,4-Dinitrophenol	10.05	184	15032	75.14	ng	# 74
54) Dibenzofuran	10.21	168	217725	31.72	ng	100
55) 4-Nitrophenol	10.09	139	48489	61.54	ng	89
56) 2,4-Dinitrotoluene	10.18	165	40961	39.41	ng	98
57) Fluorene	10.56	166	173539	31.64	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	38437	33.41	ng	# 98
59) Diethylphthalate	10.42	149	170298	32.11	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	75587	31.96	ng	99
61) 4-Nitroaniline	10.56	138	32372	32.88	ng	94
62) Azobenzene	10.70	77	197483	33.81	ng	99
64) 4,6-Dinitro-2-methylphenol	10.59	198	11093	44.99	ng	85
65) n-Nitrosodiphenylamine	10.66	169	149565	30.79	ng	98
66) 4-Bromophenyl-phenylether	11.04	248	44429	31.33	ng	95
67) Hexachlorobenzene	11.10	284	52409	32.54	ng	99
68) Atrazine	11.18	200	42749	32.80	ng	97
69) Pentachlorophenol	11.29	266	45948	71.85	ng	97
70) Phenanthrene	11.52	178	253796	30.35	ng	99
71) Anthracene	11.57	178	244552	31.60	ng	98
72) Carbazole	11.72	167	226160	32.26	ng	98
73) Di-n-butylphthalate	12.06	149	243125	29.82	ng	99
74) Fluoranthene	12.72	202	224496	29.67	ng	92
76) Benzidine	12.84	184	363583	108.21	ng	99
77) Pyrene	12.95	202	257723	33.50	ng	98
79) Butylbenzylphthalate	13.60	149	87863	37.80	ng	# 76
80) Benzo(a)anthracene	14.21	228	210001	32.70	ng	100
81) 3,3'-Dichlorobenzidine	14.18	252	51861	27.37	ng	# 96
82) Chrysene	14.26	228	190069	29.62	ng	100
83) Bis(2-ethylhexyl)phthalate	14.23	149	136153	33.76	ng	# 99
84) Di-n-octyl phthalate	14.93	149	185368	37.41	ng	95
85) Indeno(1,2,3-cd)pyrene	17.33	276	203801	44.70	ng	97
87) Benzo(b)fluoranthene	15.39	252	154907	31.37	ng	96
88) Benzo(k)fluoranthene	15.41	252	144254m	29.51	ng	
89) Benzo(a)pyrene	15.77	252	143438	33.52	ng	# 89
90) Dibenzo(a,h)anthracene	17.37	278	163697	44.82	ng	97
91) Benzo(g,h,i)perylene	17.79	276	198790	53.53	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

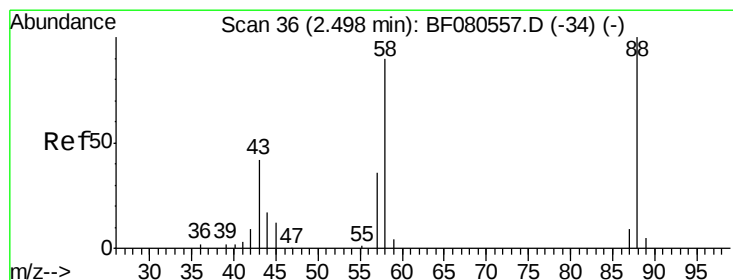
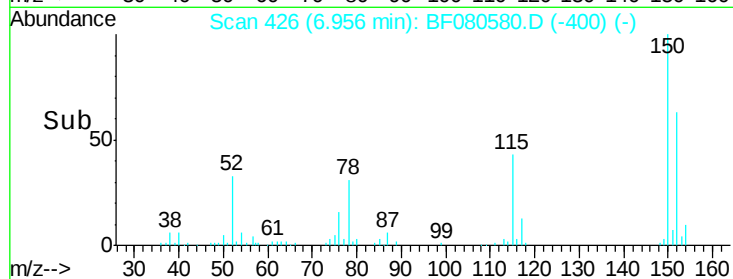
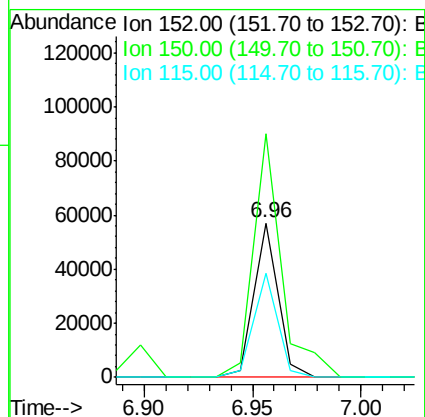
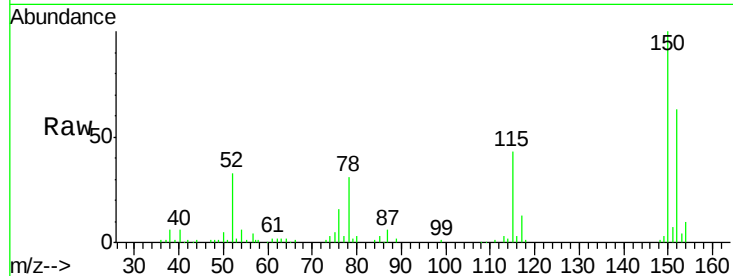
ClientSampleId :

PB84616BS

Tgt Ion:	152	Resp:	44536
Ion Ratio	Lower	Upper	
152	100		
150	157.6	128.7	193.1
115	67.4	56.8	85.2

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#2

1,4-Dioxane

Concen: 23.88 ng

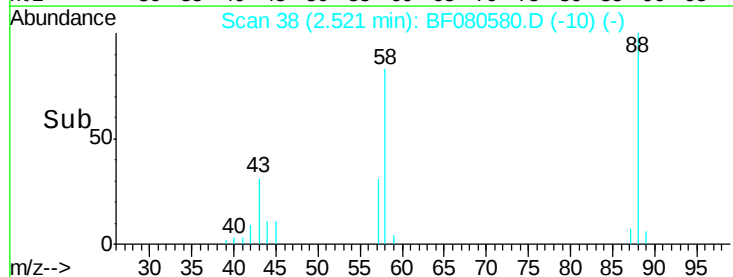
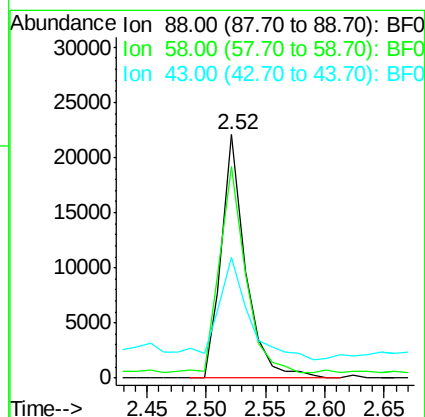
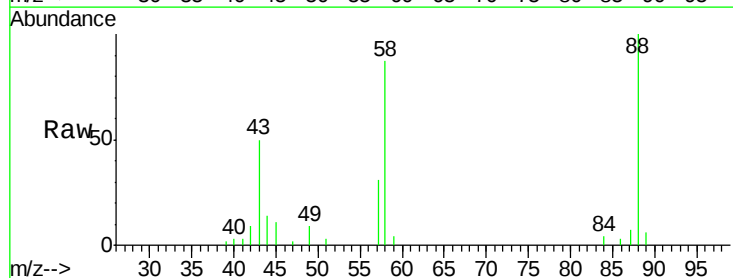
RT: 2.52 min Scan# 38

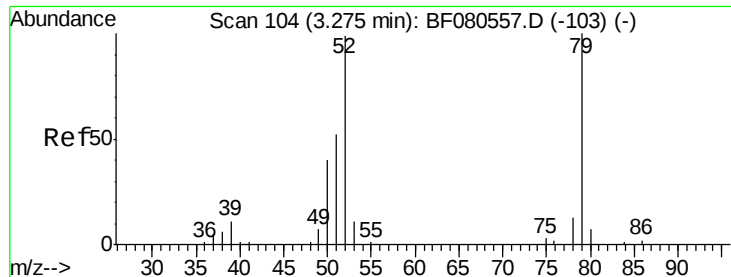
Delta R.T. 0.02 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Tgt Ion:	88	Resp:	31180
Ion Ratio	Lower	Upper	
88	100		
58	91.3	0.0	0.0#
43	52.6	0.0	0.0#





#3

Pyridine

Concen: 28.65 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.02 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

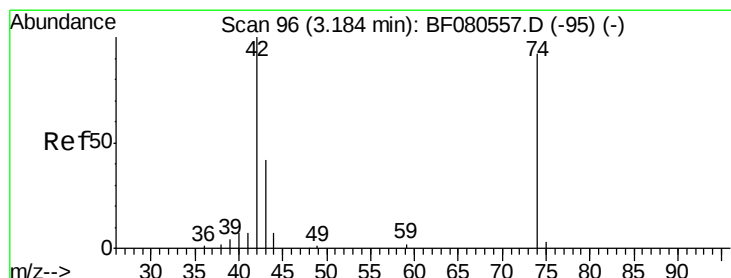
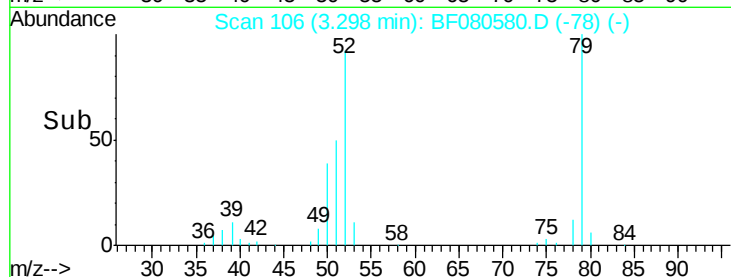
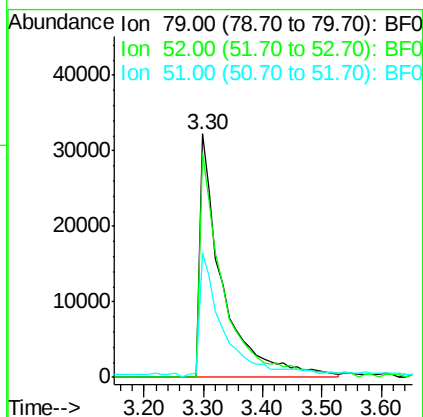
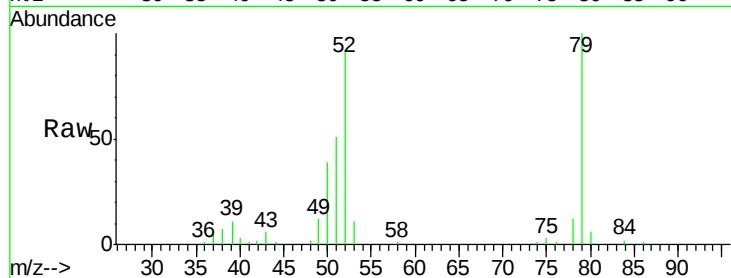
ClientSampleId :

PB84616BS

Tgt Ion:	79	Resp:	86837
Ion	Ratio	Lower	Upper
79	100		
52	92.4	79.6	119.4
51	51.3	44.5	66.7

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#4

n-Nitrosodimethylamine

Concen: 29.71 ng

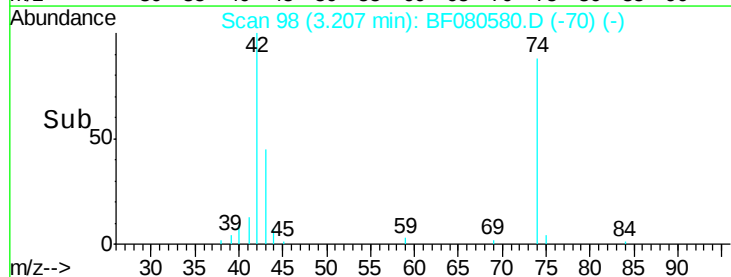
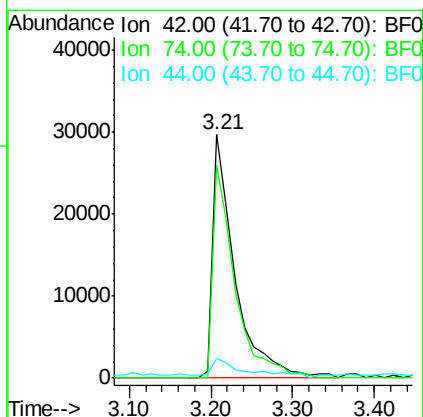
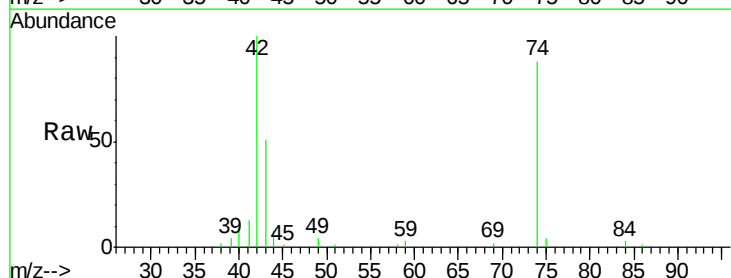
RT: 3.21 min Scan# 98

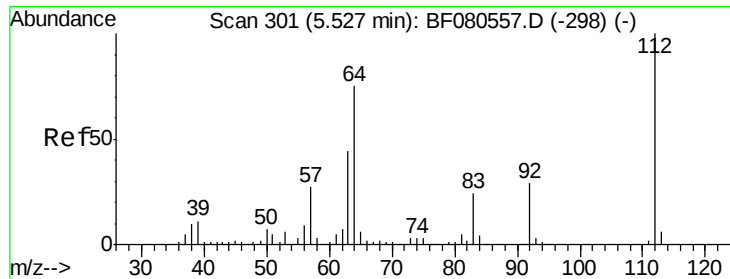
Delta R.T. 0.02 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Tgt Ion:	42	Resp:	56880
Ion	Ratio	Lower	Upper
42	100		
74	87.5	72.6	108.8
44	8.0	10.4	15.6#





#5

2-Fluorophenol

Concen: 100.95 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF080580.D

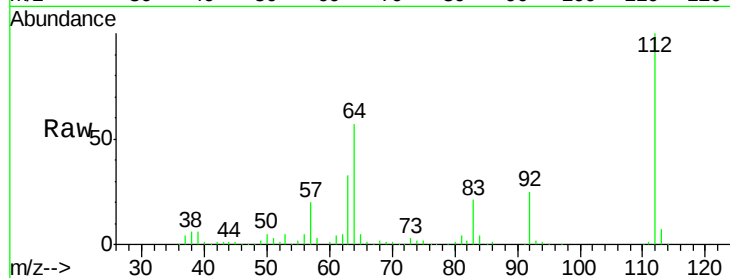
Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

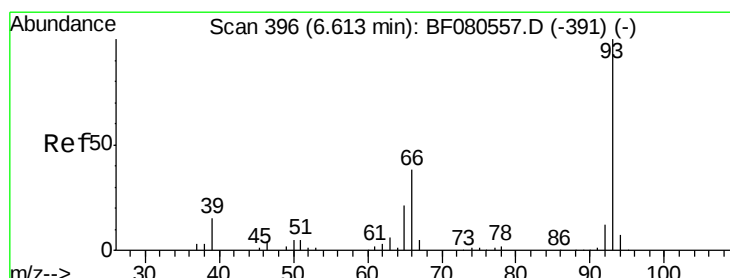
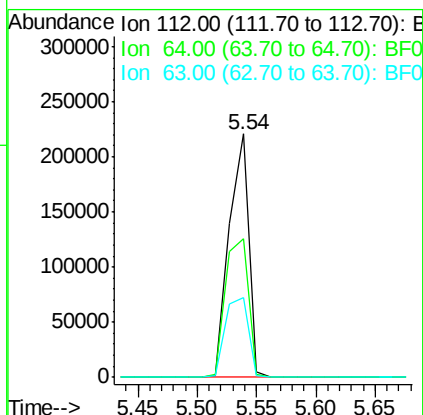
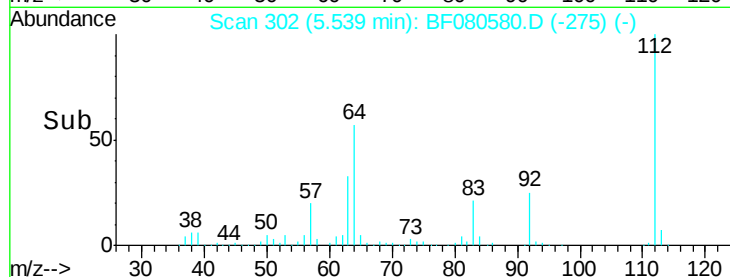
PB84616BS



Tgt Ion:	112	Resp:	253515
Ion Ratio	Lower	Upper	
112	100		
64	56.7	60.2	90.2#
63	32.8	34.8	52.2#

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#6

Aniline

Concen: 15.67 ng

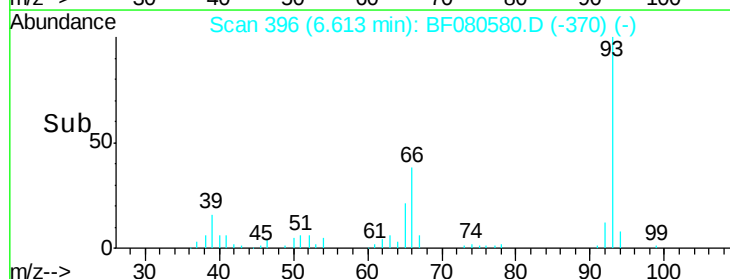
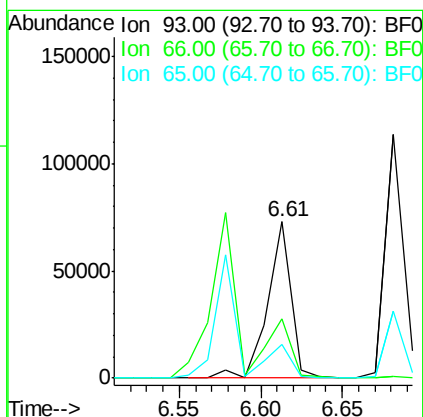
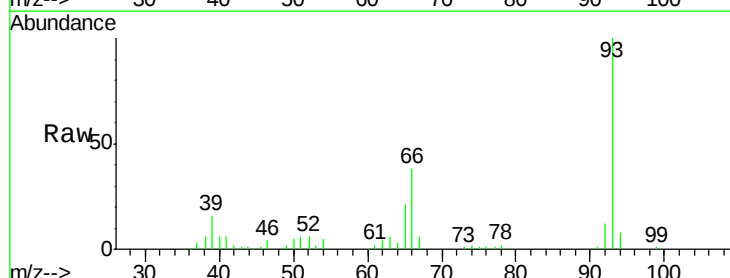
RT: 6.61 min Scan# 396

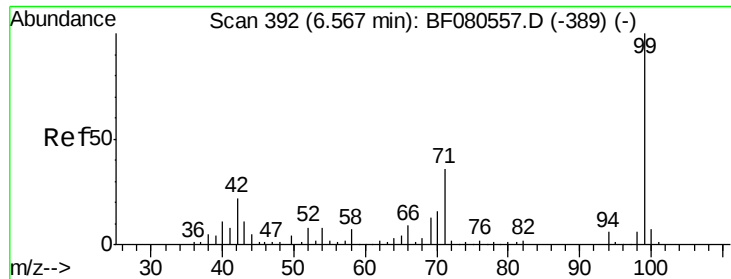
Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Tgt Ion:	93	Resp:	72612
Ion Ratio	Lower	Upper	
93	100		
66	37.9	33.1	49.7
65	21.4	17.2	25.8





#7

Phenol-d6

Concen: 106.41 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

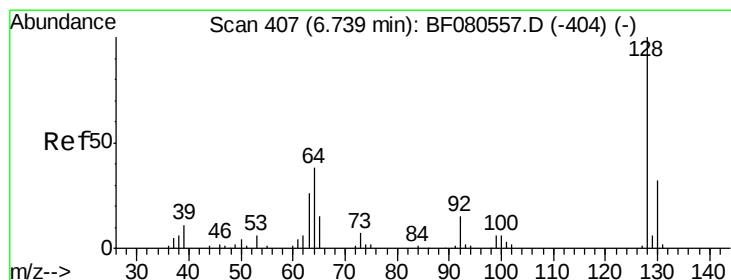
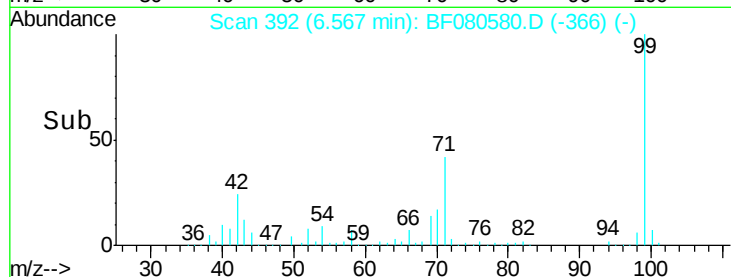
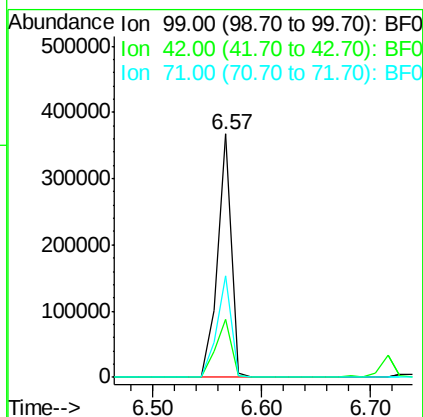
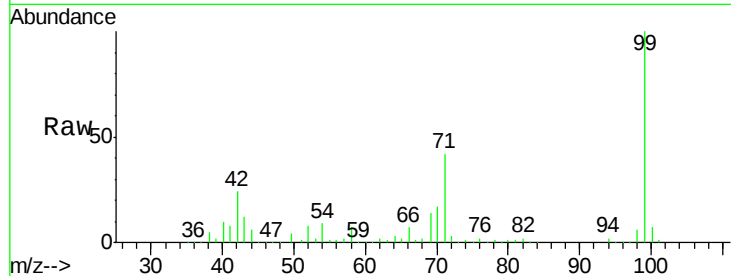
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Tgt Ion:	99	Resp:	329133
Ion Ratio	Lower	Upper	
99	100		
42	23.7	17.4	26.2
71	41.7	29.0	43.6

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#8

2-Chlorophenol

Concen: 32.11 ng

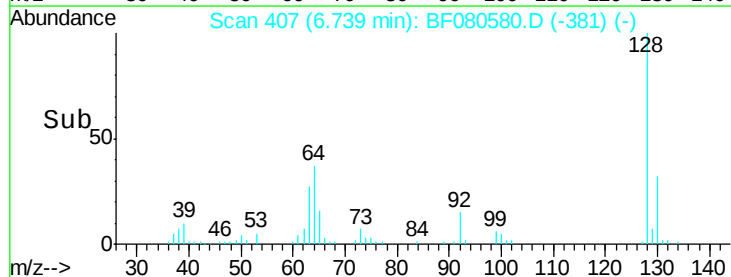
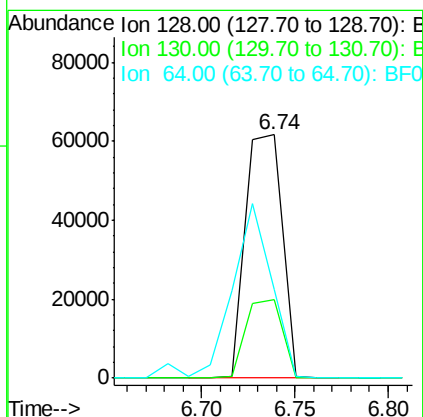
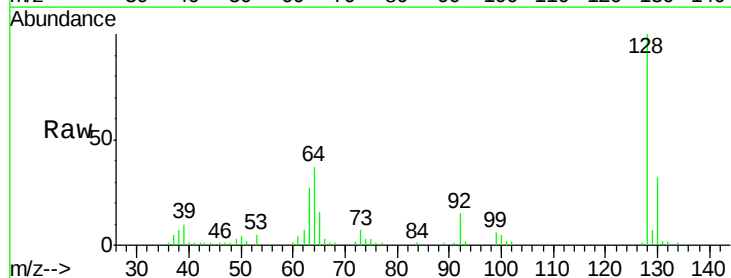
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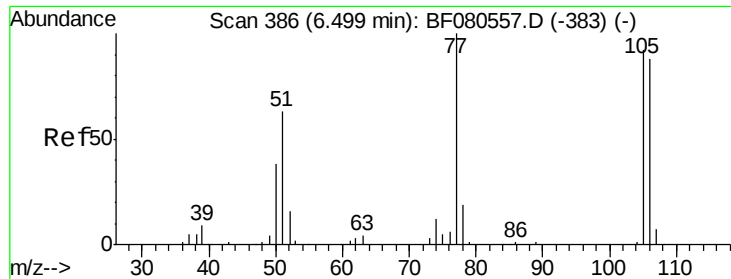
Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Tgt Ion:	128	Resp:	84457
Ion Ratio	Lower	Upper	
128	100		
130	32.2	11.8	51.8
64	36.6	20.2	60.2





#9

Benzaldehyde

Concen: 11.72 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

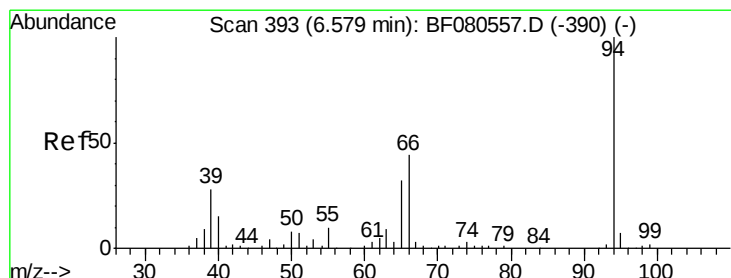
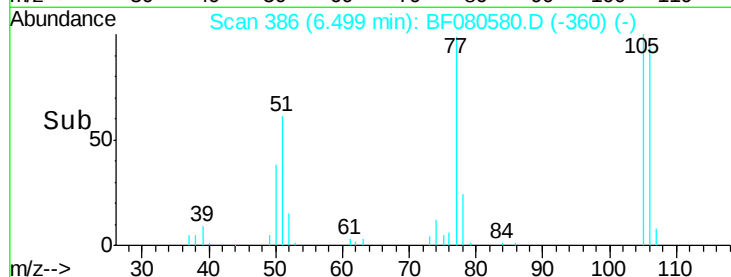
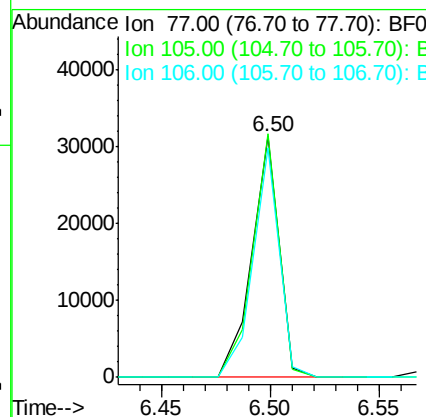
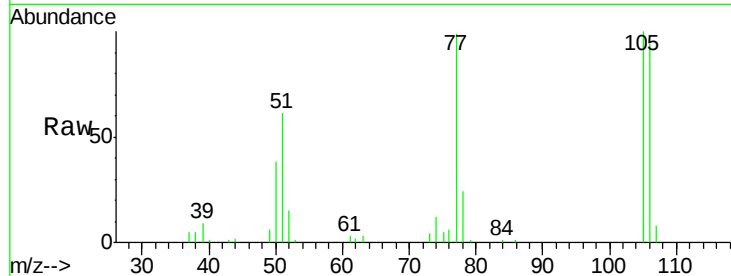
ClientSampleId :

PB84616BS

Tgt Ion:	77	Resp:	27270
Ion	Ratio	Lower	Upper
77	100		
105	101.1	72.3	112.3
106	95.5	67.5	107.5

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#10

Phenol

Concen: 35.12 ng

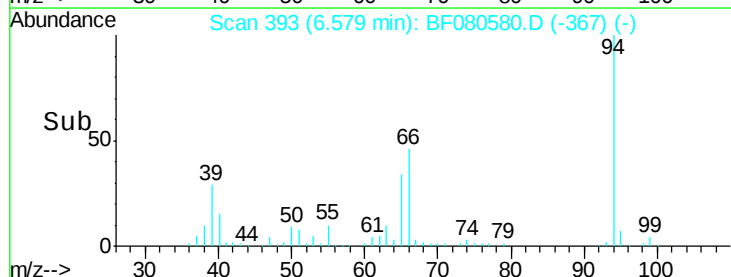
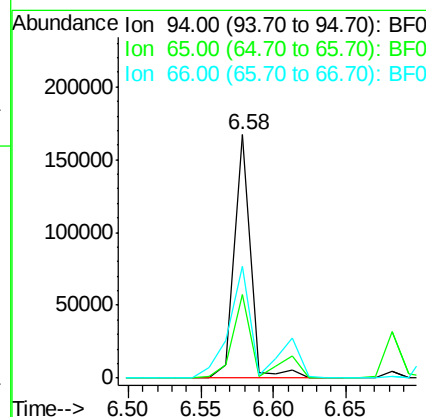
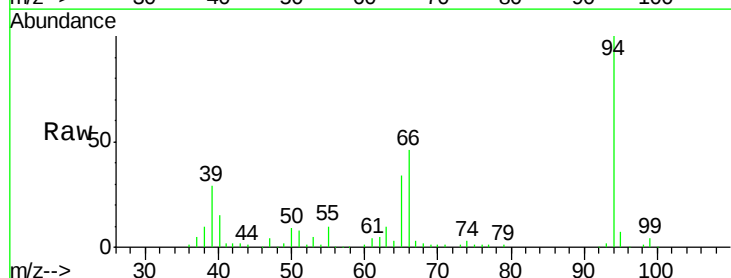
RT: 6.58 min Scan# 393

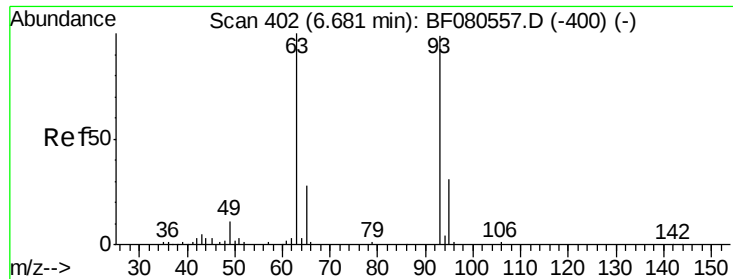
Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Tgt Ion:	94	Resp:	129200
Ion	Ratio	Lower	Upper
94	100		
65	34.3	12.1	52.1
66	46.2	24.3	64.3





#11

bis(2-Chloroethyl)ether

Concen: 33.26 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

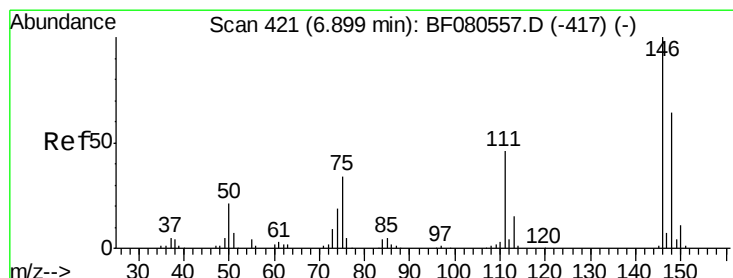
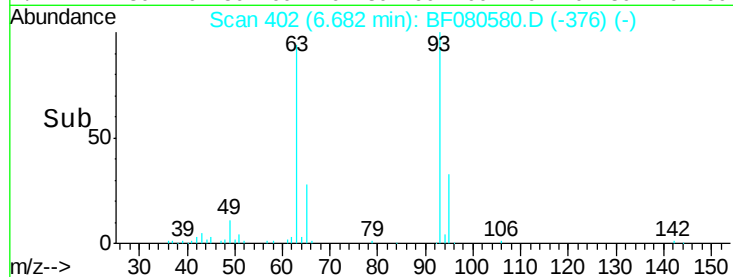
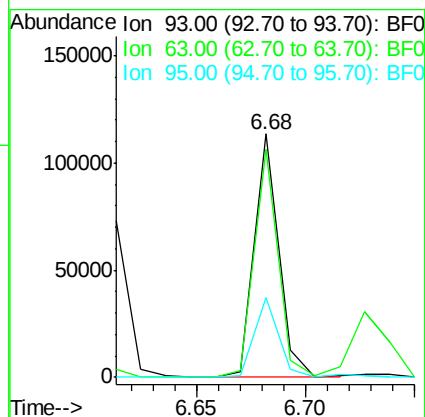
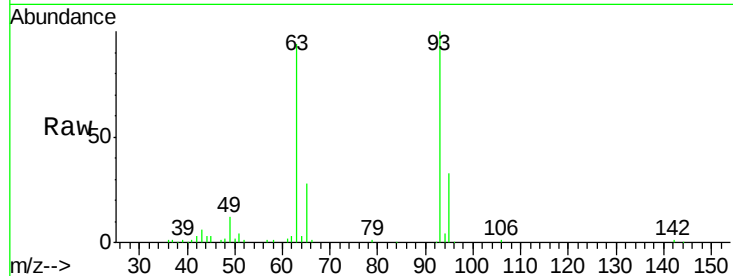
ClientSampleId :

PB84616BS

Tgt Ion:	93	Resp:	87884
Ion Ratio	Lower	Upper	
93	100		
63	93.7	80.5	120.5
95	32.8	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 29.42 ng

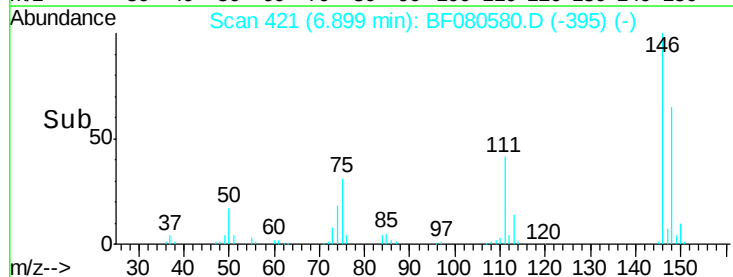
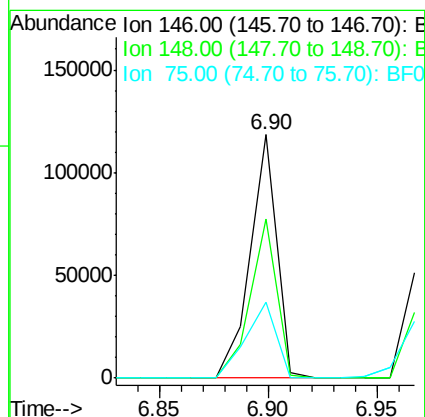
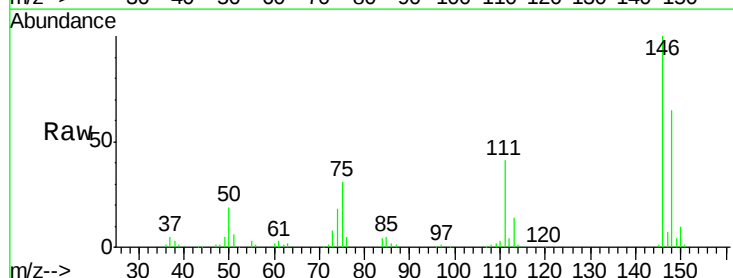
RT: 6.90 min Scan# 421

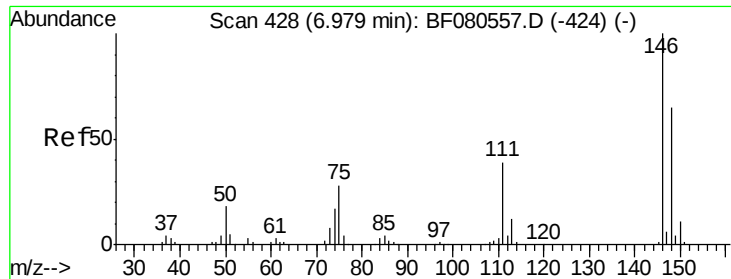
Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Tgt Ion:	146	Resp:	100104
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.9	76.3
75	31.2	27.1	40.7





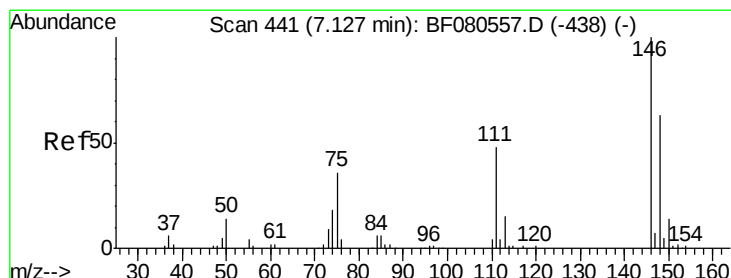
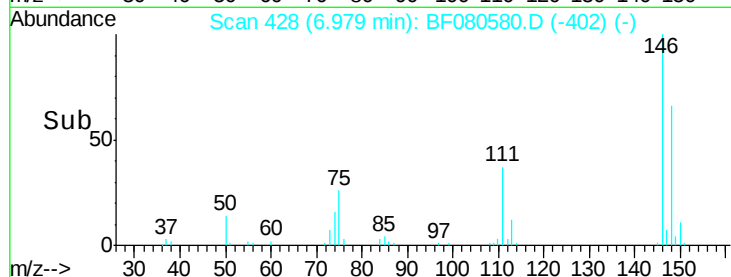
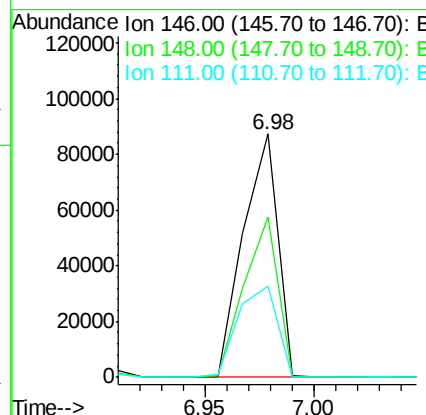
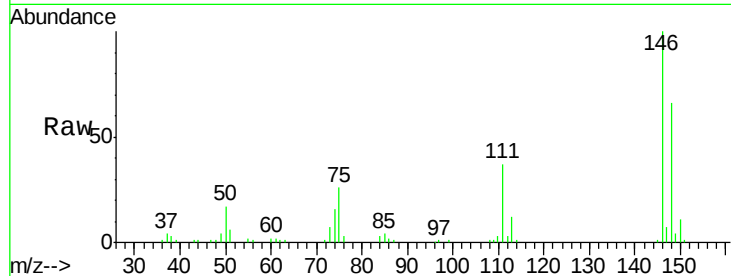
#13
 1,4-Dichlorobenzene
 Concen: 29.57 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.0	78.0
111	37.2	31.4	47.2

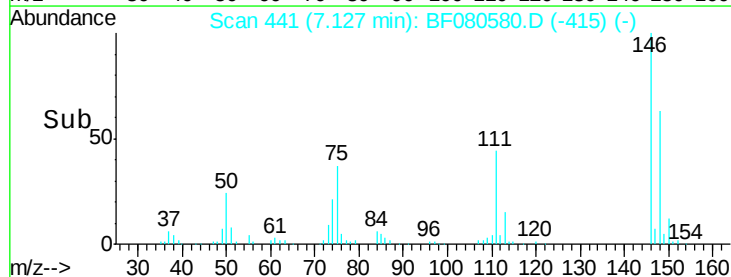
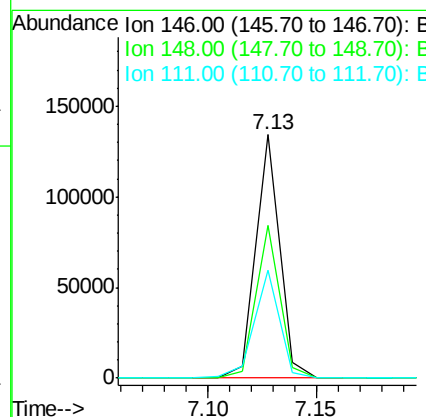
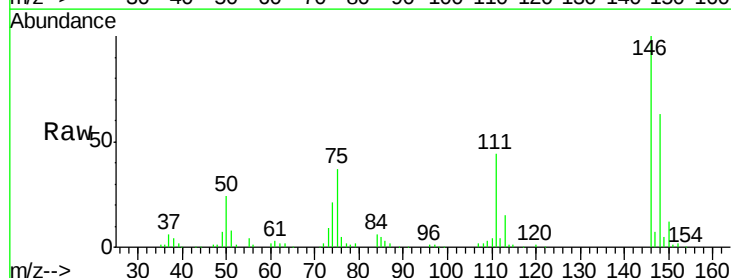
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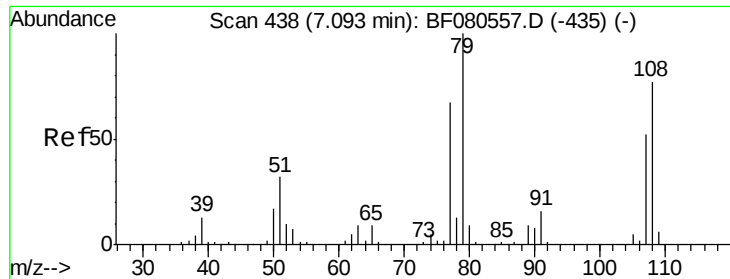
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#14
 1,2-Dichlorobenzene
 Concen: 32.75 ng
 RT: 7.13 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.3	75.5
111	44.1	38.2	57.2





#15

Benzyl Alcohol

Concen: 31.29 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

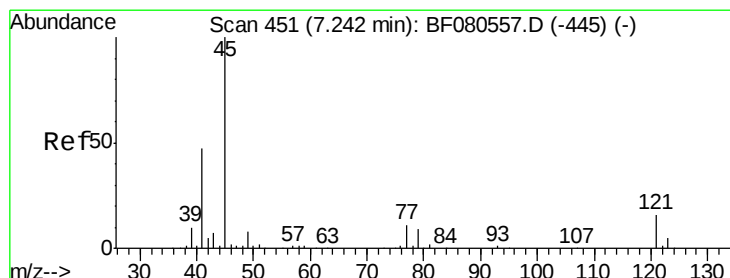
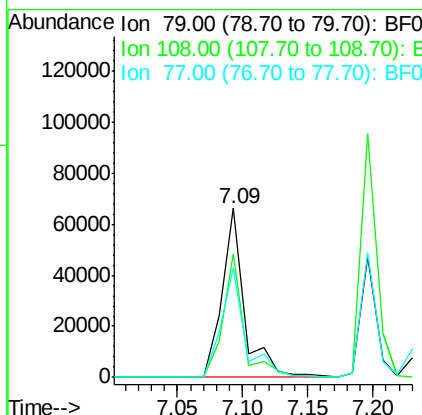
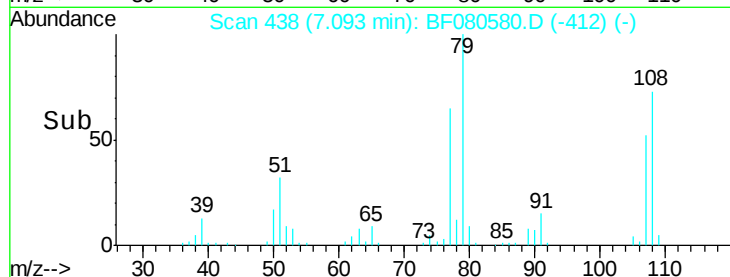
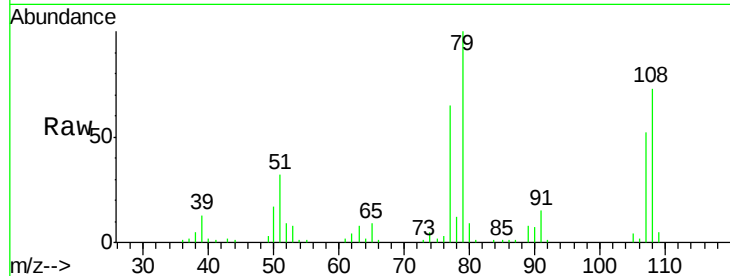
ClientSampleId :

PB84616BS

Tgt Ion:	79	Resp:	80123
Ion Ratio	Lower	Upper	
79	100		
108	73.2	61.5	92.3
77	64.9	53.6	80.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.27 ng

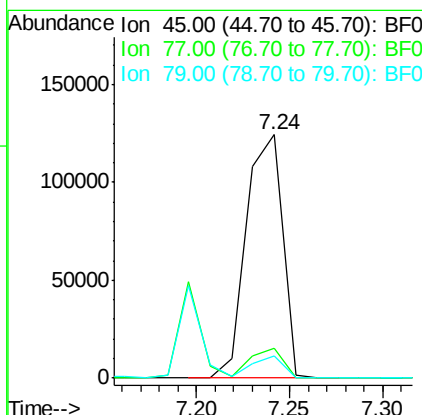
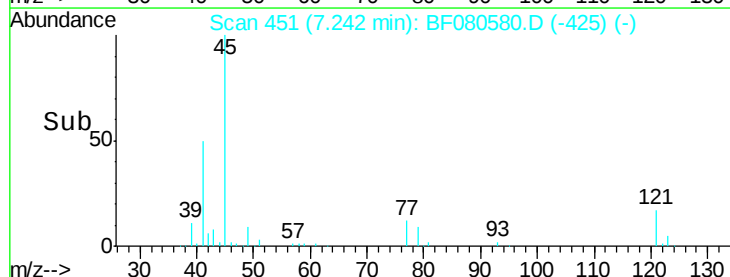
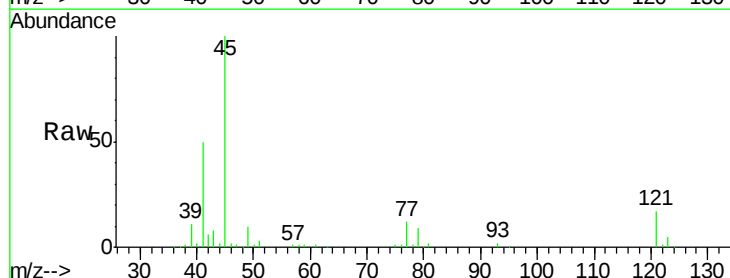
RT: 7.24 min Scan# 451

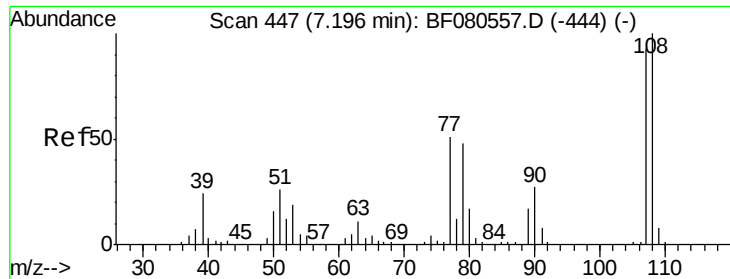
Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Tgt Ion:	45	Resp:	167499
Ion Ratio	Lower	Upper	
45	100		
77	12.4	0.0	30.8
79	9.0	0.0	28.6





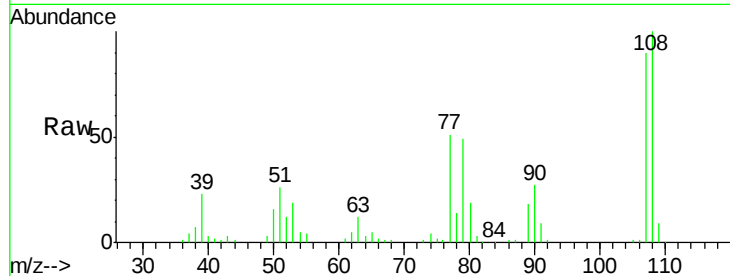
#17
2-Methylphenol
Concen: 31.55 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampleId :
PB84616BS

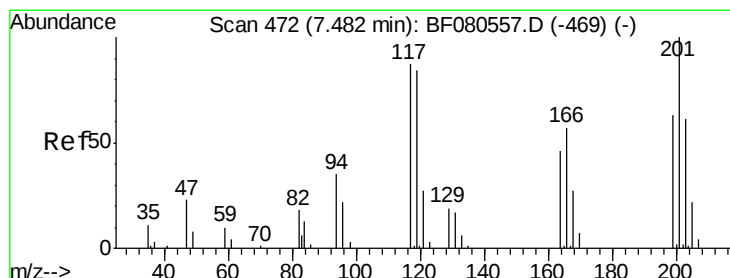
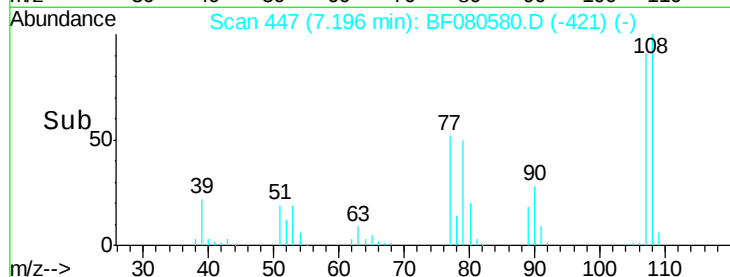
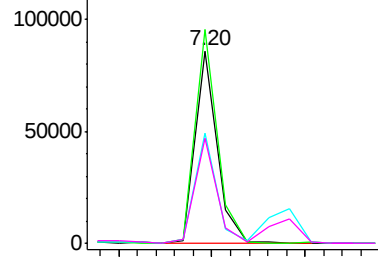
Tgt Ion:	107	Resp:	70768
Ion Ratio	Lower	Upper	
107	100		
108	110.9	86.0	129.0
77	57.0	43.4	65.2
79	54.8	41.2	61.8

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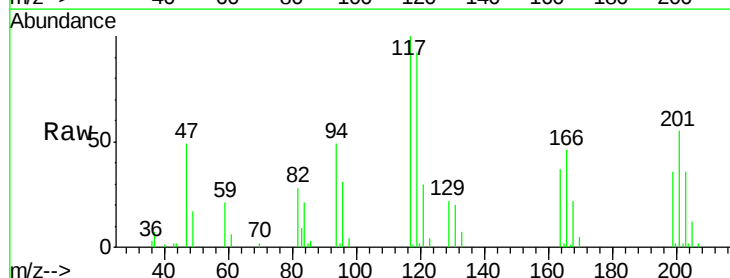


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

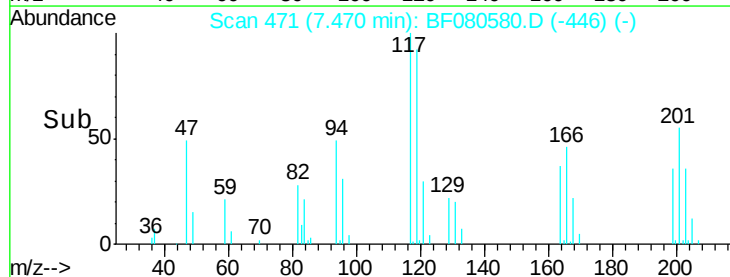
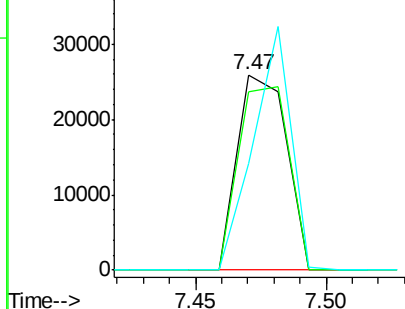


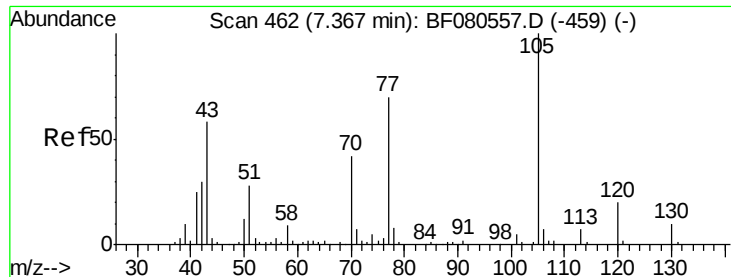
#18
Hexachloroethane
Concen: 29.81 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion:	117	Resp:	34054
Ion Ratio	Lower	Upper	
117	100		
119	91.6	76.5	114.7
201	54.6	91.6	137.4#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





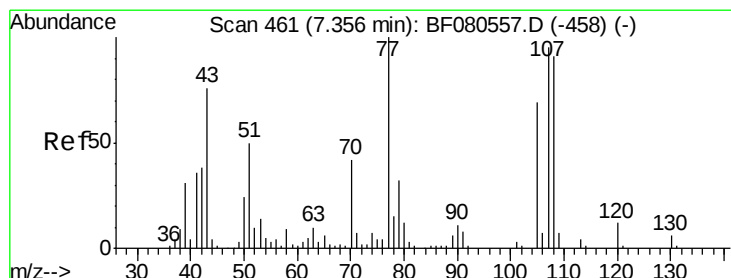
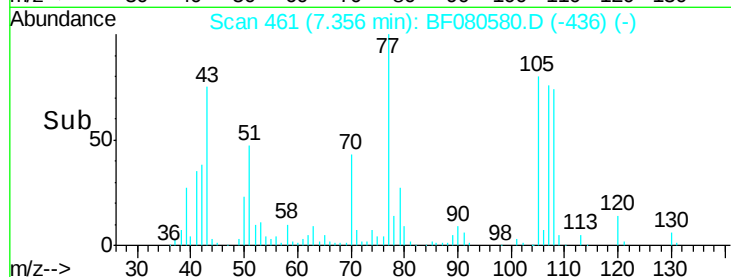
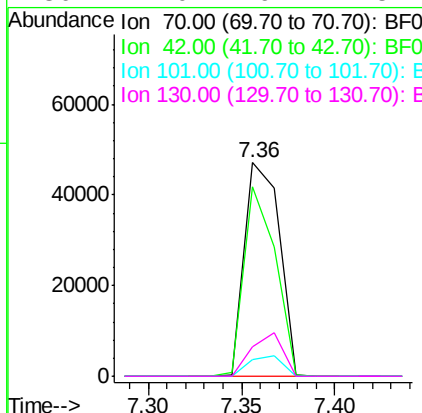
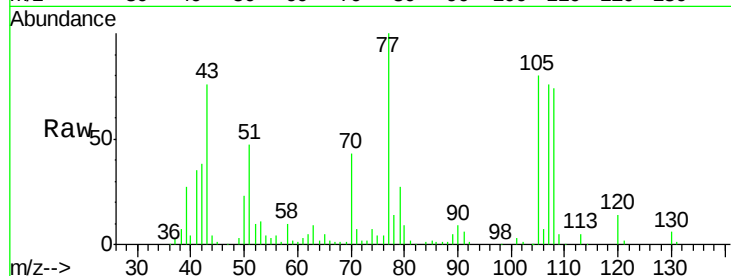
#19
n-Nitroso-di-n-propylamine
Concen: 30.82 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampleId :
PB84616BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	88.6	56.6	85.0#
101	8.0	9.7	14.5#
130	14.0	19.1	28.7#

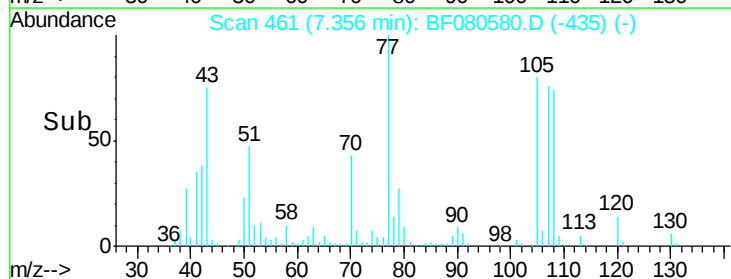
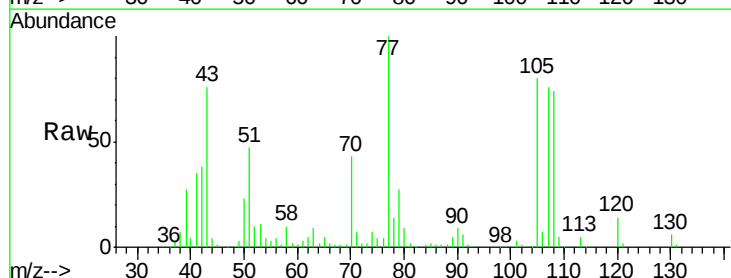
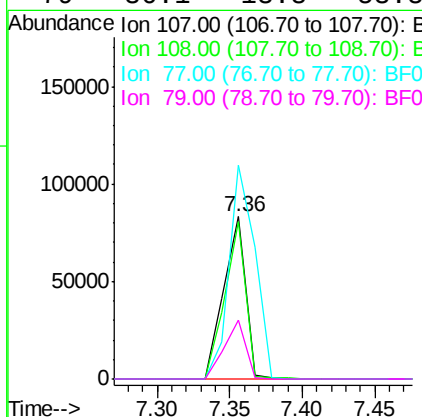
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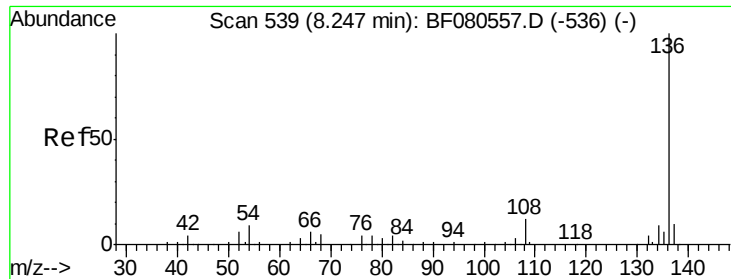
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#20
3+4-Methylphenols
Concen: 30.96 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.4	75.6	115.6
77	131.8	84.7	124.7#
79	36.1	13.8	53.8





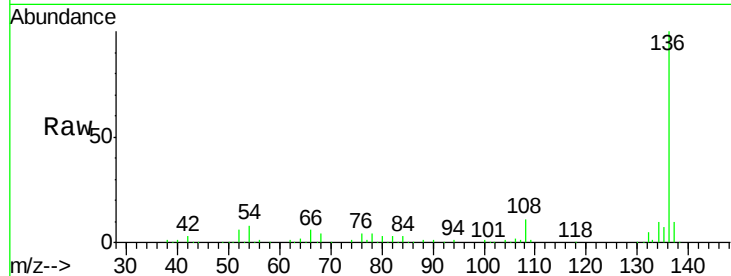
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampleId :
PB84616BS

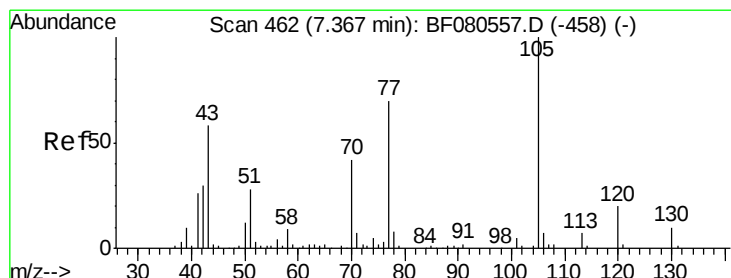
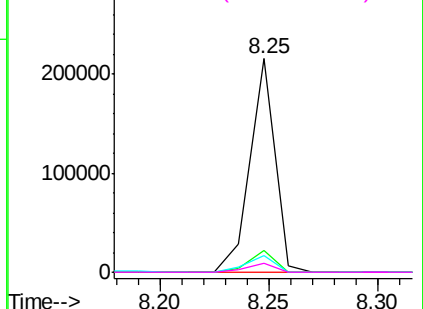
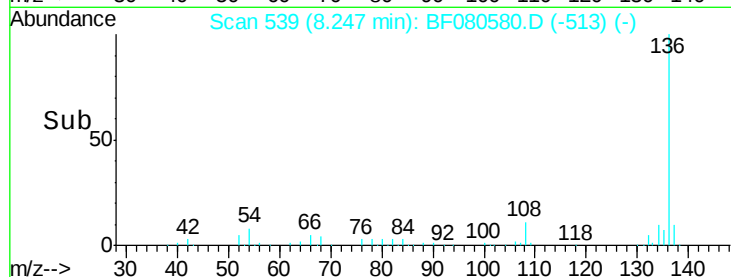
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.0	7.8	11.8
54	7.9	7.2	10.8
68	4.0	3.8	5.6

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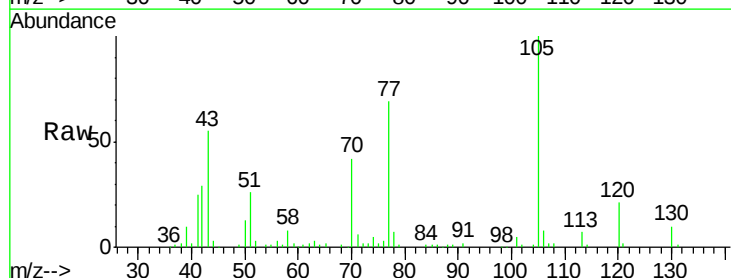


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

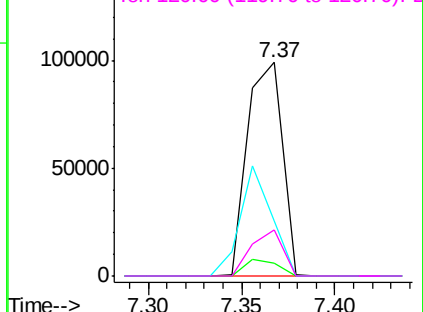
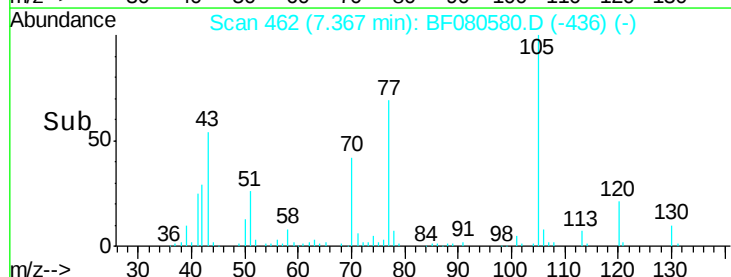


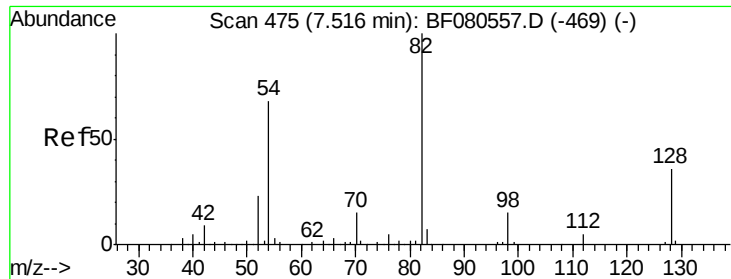
#22
Acetophenone
Concen: 31.45 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	6.2	5.5	8.3
51	25.5	23.0	34.4
120	21.3	15.8	23.8



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





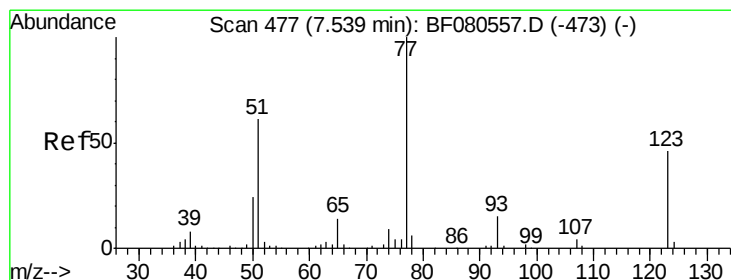
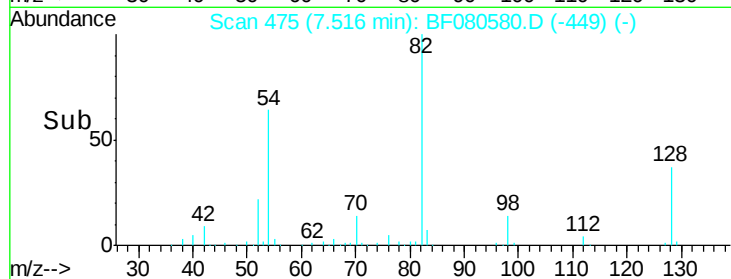
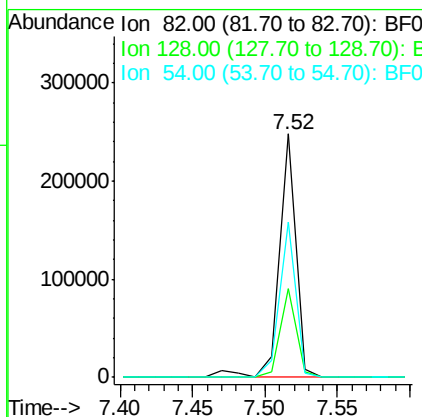
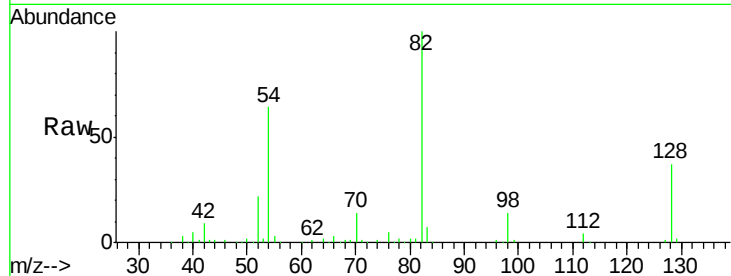
#23
 Nitrobenzene-d5
 Concen: 74.88 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	36.5	28.9	43.3
54	63.9	54.5	81.7

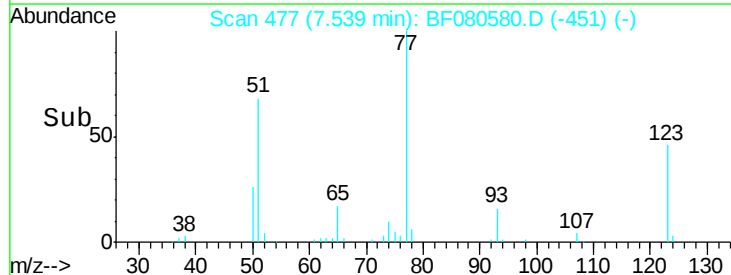
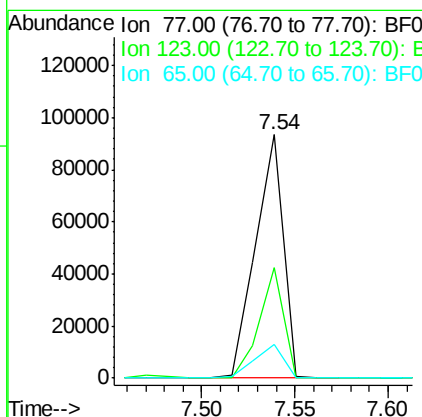
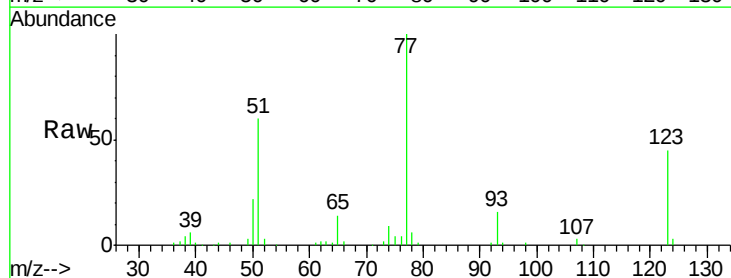
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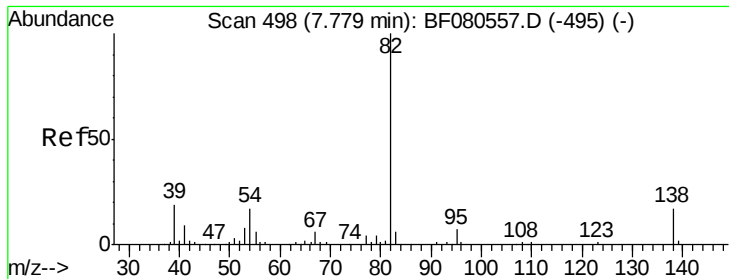
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#24
 Nitrobenzene
 Concen: 31.03 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	45.2	37.1	55.7
65	13.9	11.4	17.2





#25

Isophorone

Concen: 30.95 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

Tgt Ion: 82 Resp: 173896
Ion Ratio Lower Upper

82 100

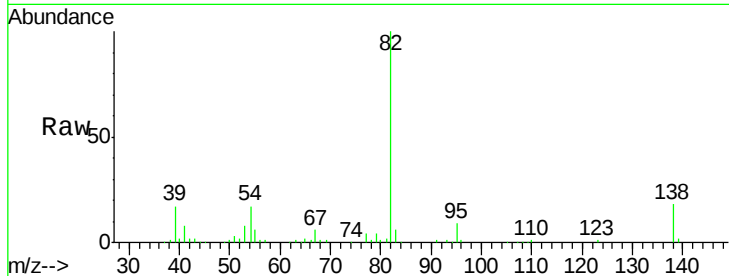
95 9.0 5.9 8.9#

138 18.4 13.4 20.2

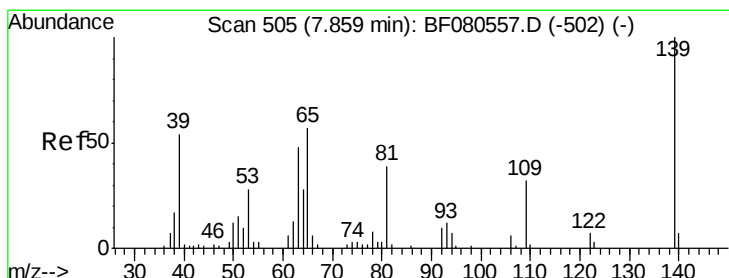
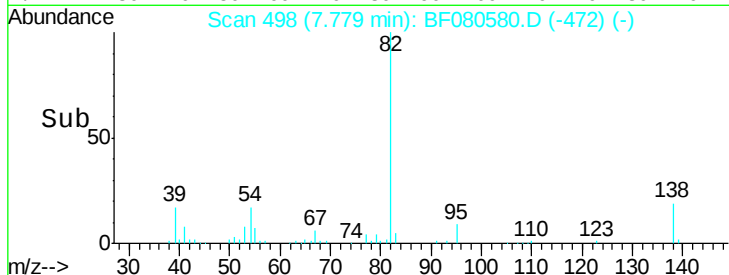
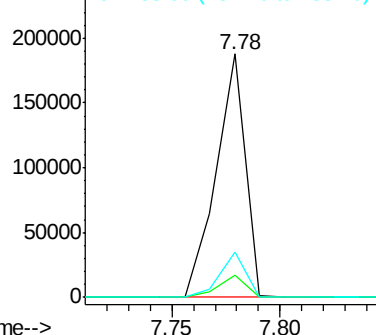
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.14 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF080580.D

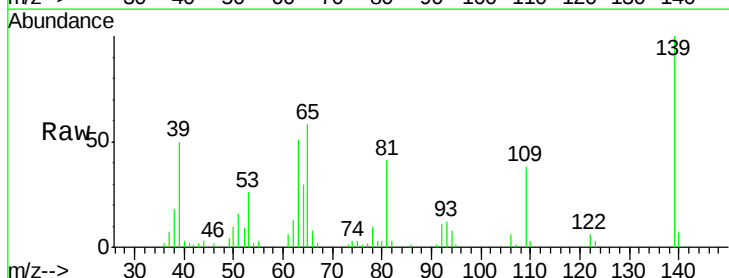
Acq: 23 Jul 2015 4:00

Tgt Ion: 139 Resp: 26662
Ion Ratio Lower Upper

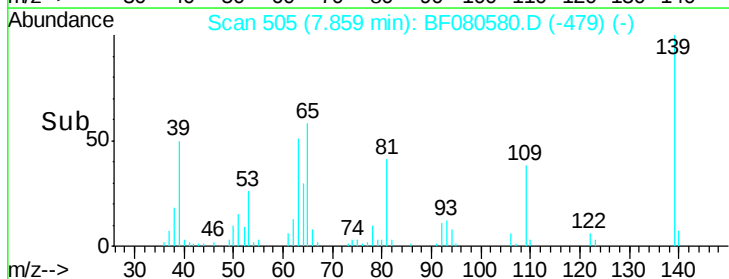
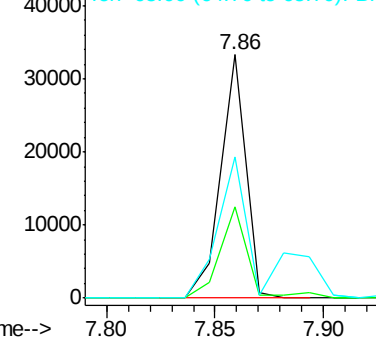
139 100

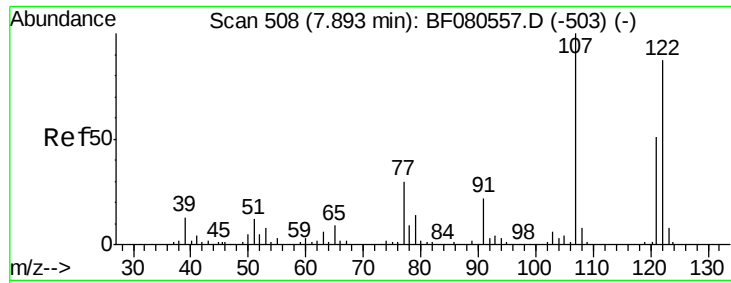
109 37.7 26.0 39.0

65 58.3 45.4 68.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





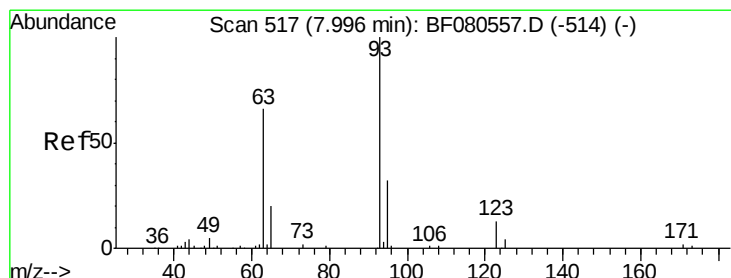
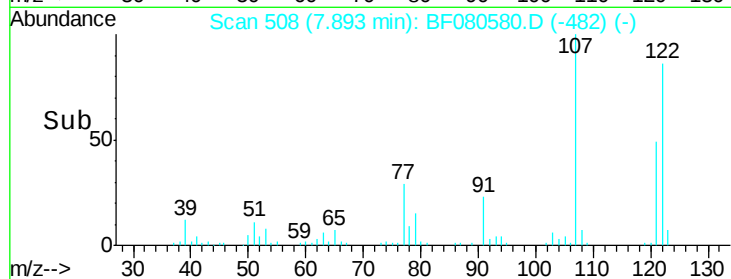
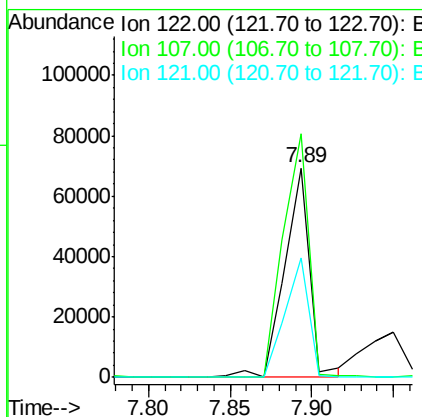
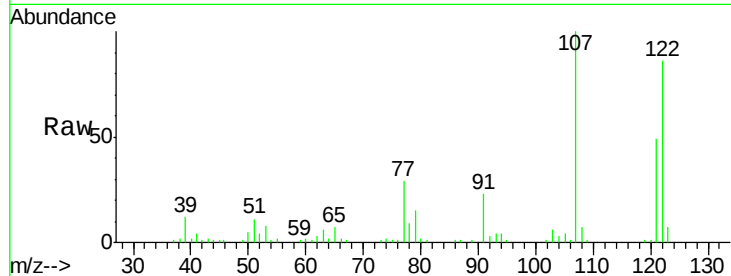
#27
 2,4-Dimethylphenol
 Concen: 31.16 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampled :
 PB84616BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	74121		
107	116.4	92.3	138.5	
121	57.2	47.1	70.7	

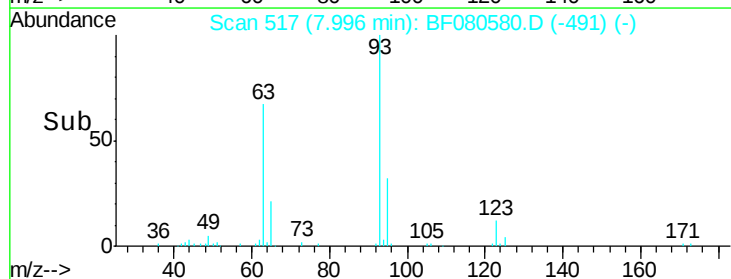
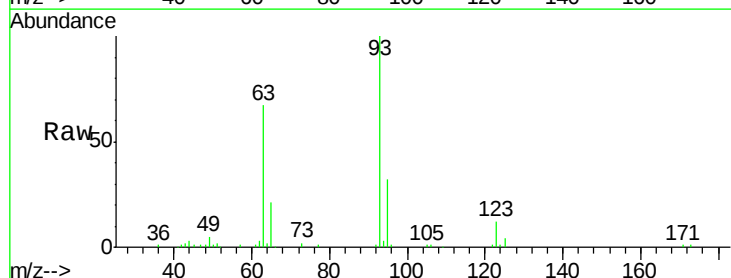
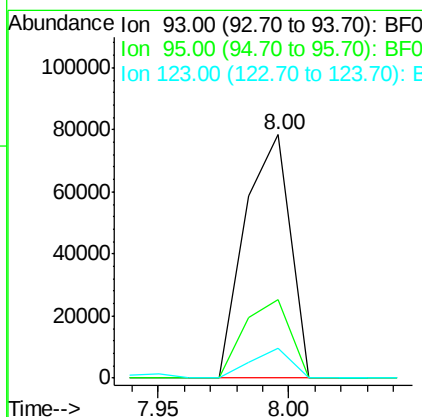
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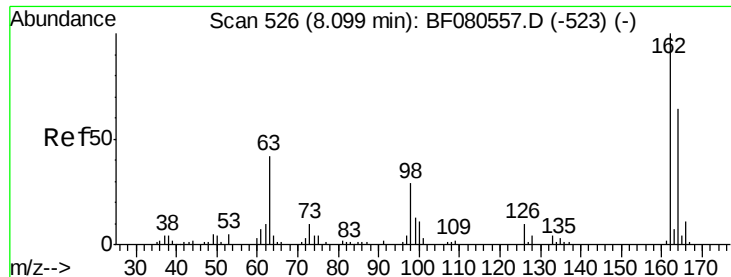
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#28
 bis(2-Chloroethoxy)methane
 Concen: 31.23 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	94103		
95	32.2	25.9	38.9	
123	12.3	10.3	15.5	





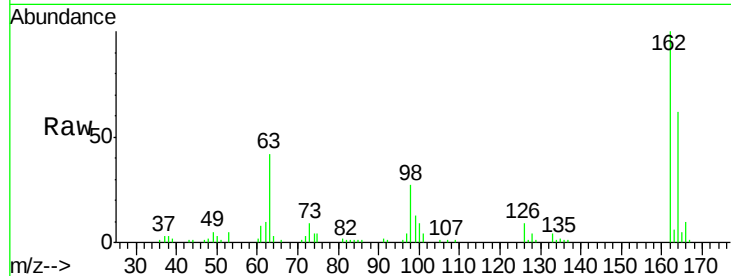
#29
2,4-Dichlorophenol
Concen: 34.91 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampleId :
PB84616BS

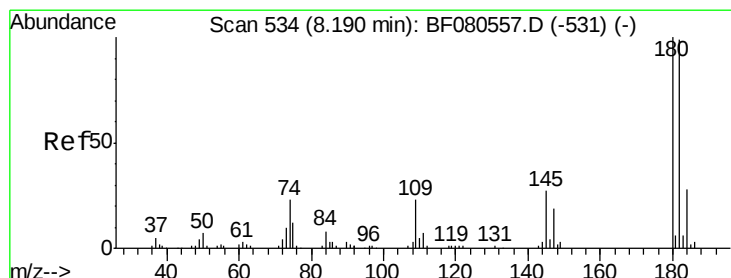
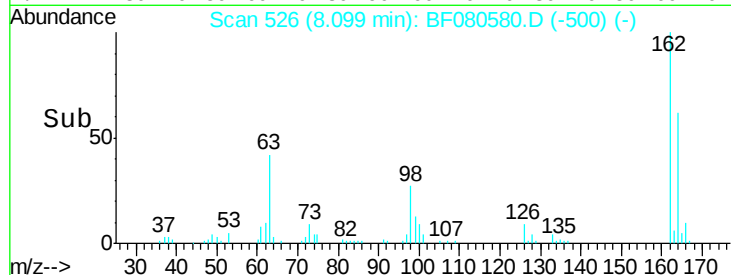
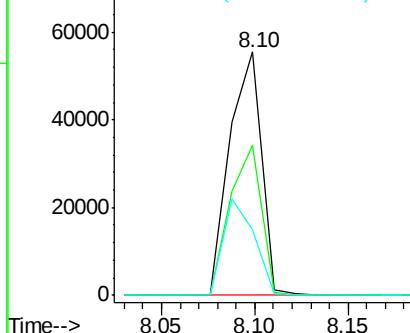
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.9	44.1	84.1
98	26.8	8.9	48.9

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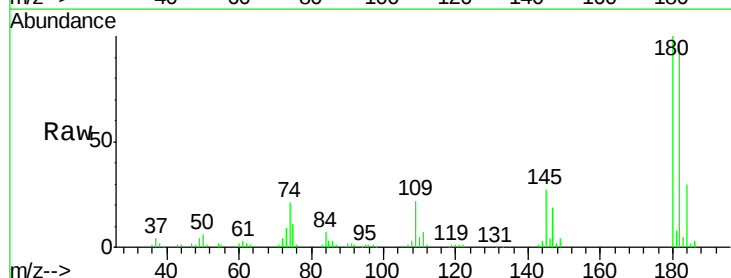


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

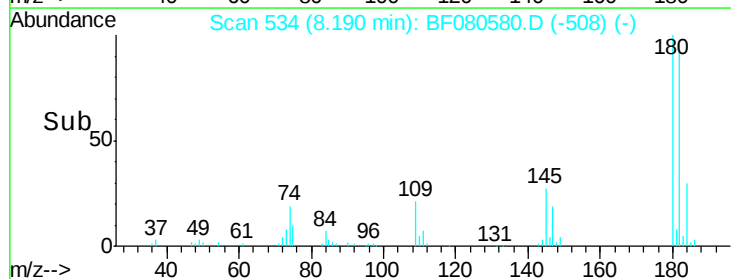
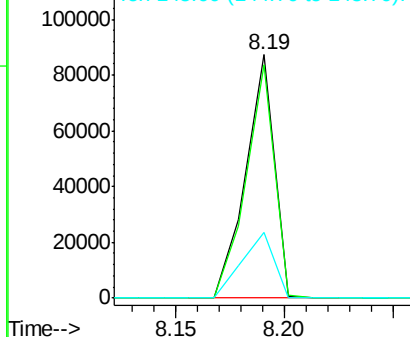


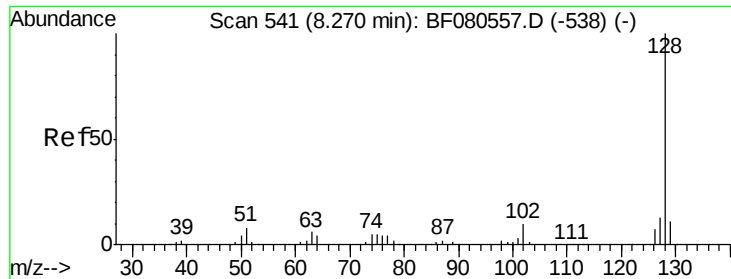
#30
1,2,4-Trichlorobenzene
Concen: 29.98 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	79.0	118.4
145	26.9	22.0	33.0



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





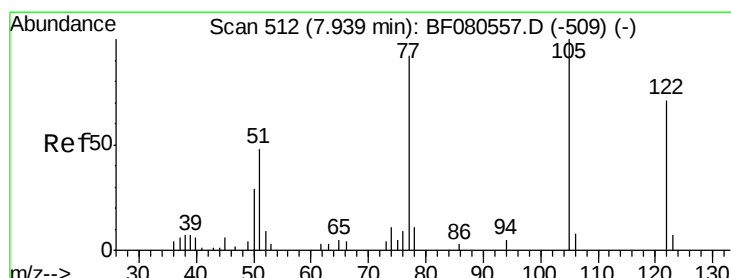
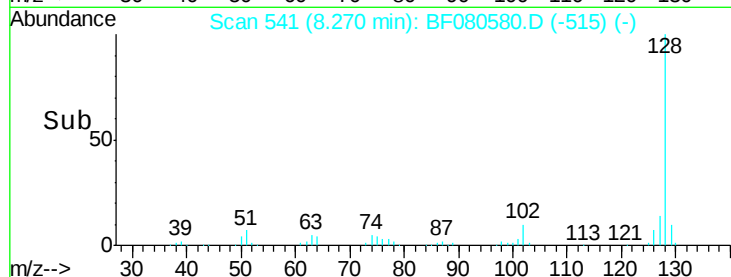
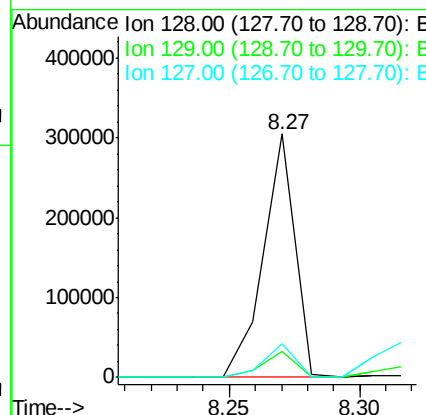
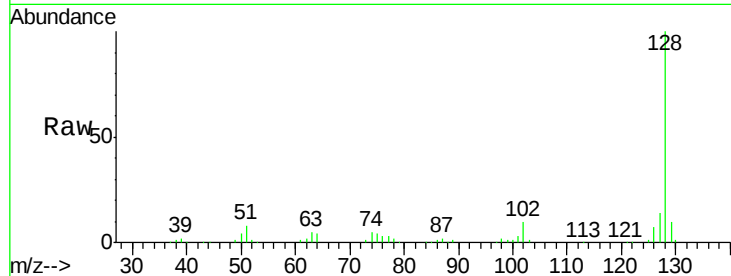
#31
Naphthalene
Concen: 30.46 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampleId :
PB84616BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	259107		
129	10.4	8.6	13.0	
127	13.8	10.7	16.1	

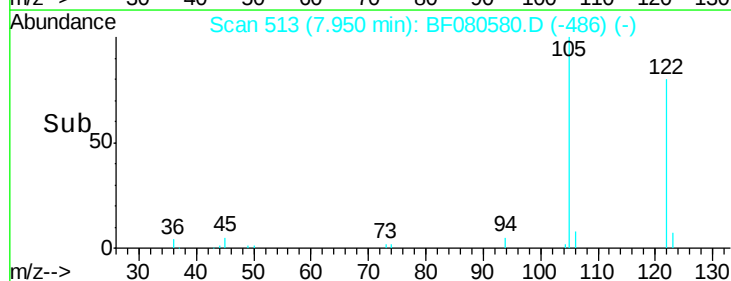
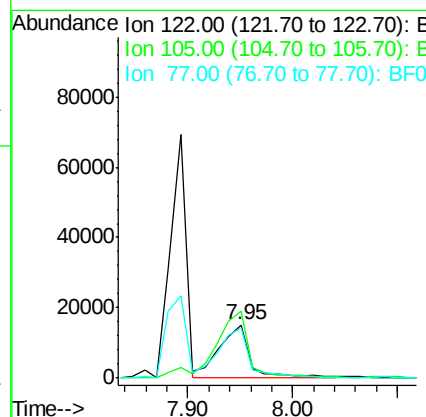
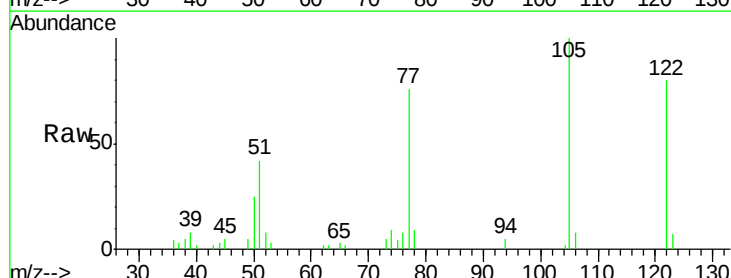
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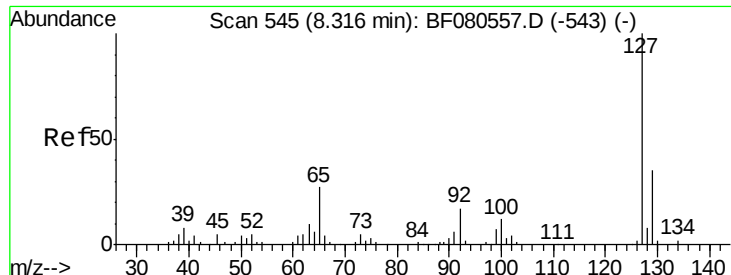
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#32
Benzoic acid
Concen: 44.75 ng m
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	31442		
105	125.7	112.5	152.5	
77	95.5	102.5	142.5	





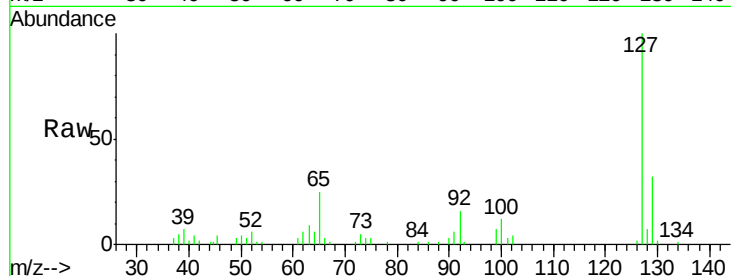
#33
4-Chloroaniline
Concen: 14.66 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampleId :
PB84616BS

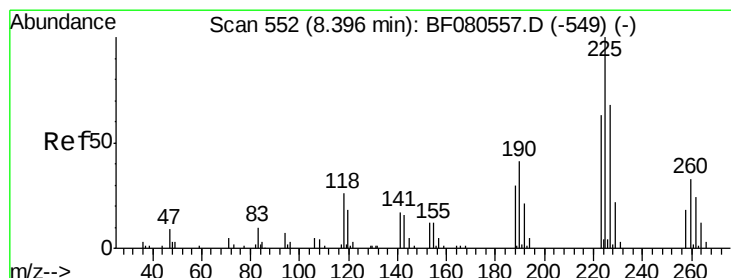
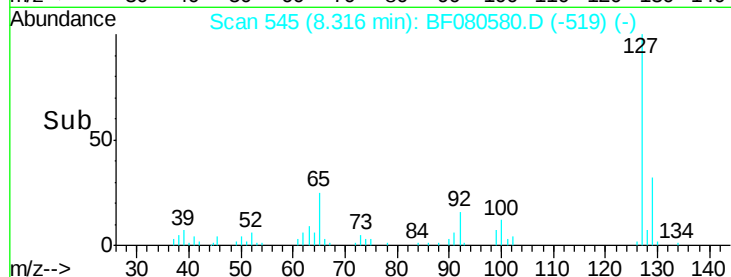
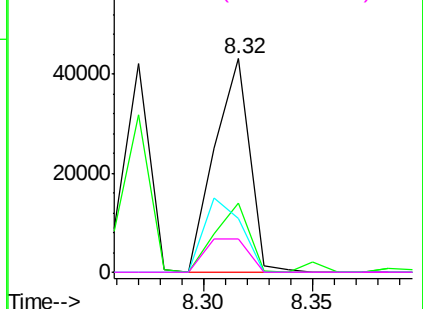
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	47995		
129	32.5	27.8	41.6	
65	25.1	21.2	31.8	
92	15.7	13.9	20.9	

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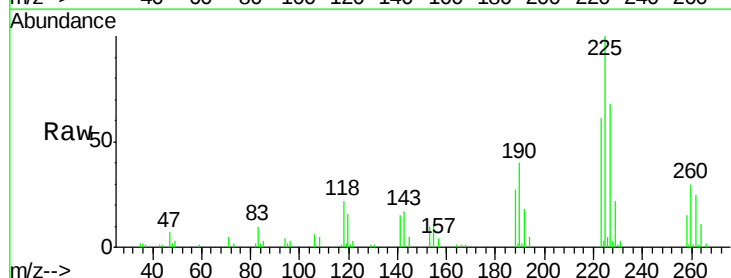


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

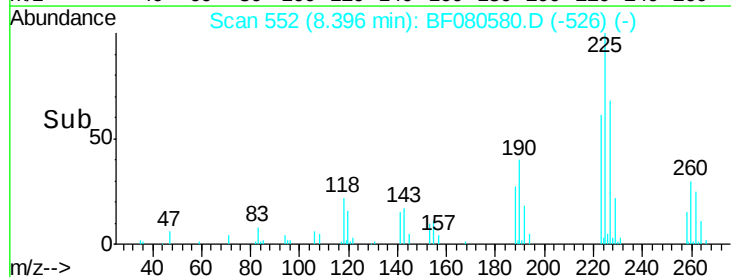
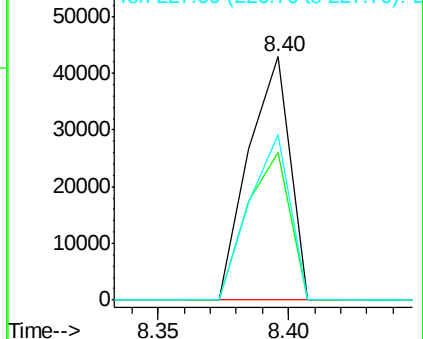


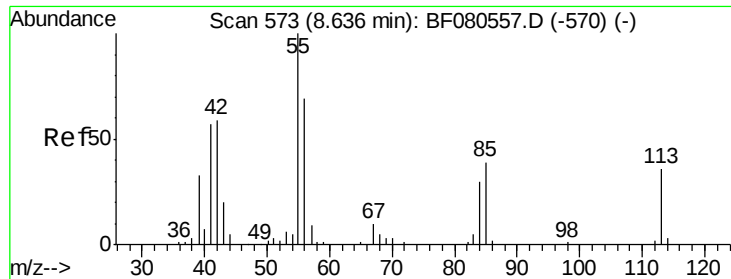
#34
Hexachlorobutadiene
Concen: 30.81 ng
RT: 8.40 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47825		
223	60.7	50.3	75.5	
227	68.2	54.5	81.7	



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





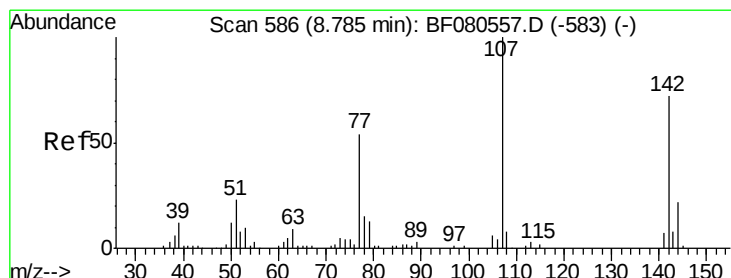
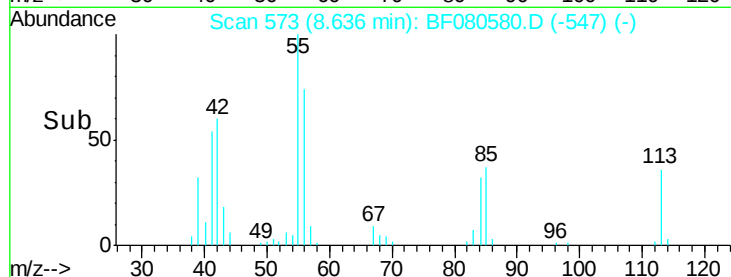
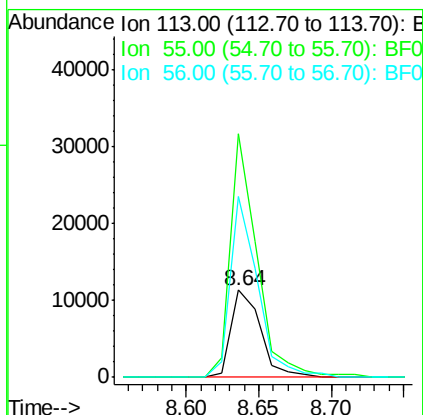
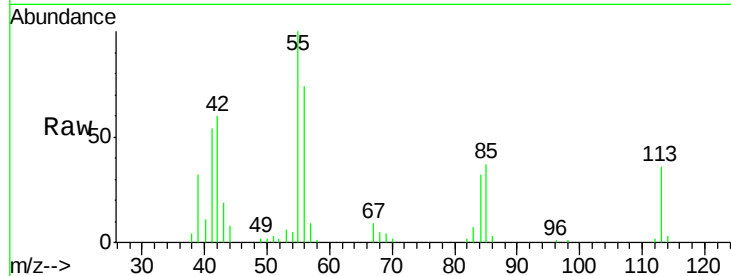
#35
 Caprolactam
 Concen: 29.71 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	15926		
55	280.1	259.3	299.3	
56	208.1	171.6	211.6	

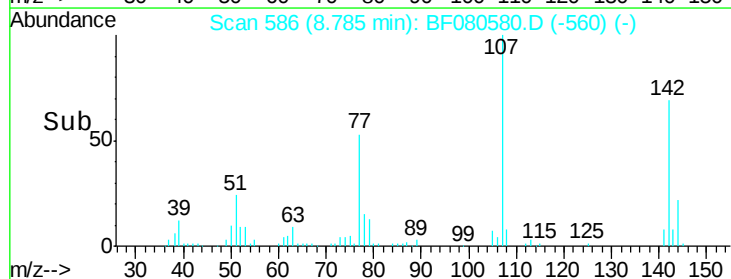
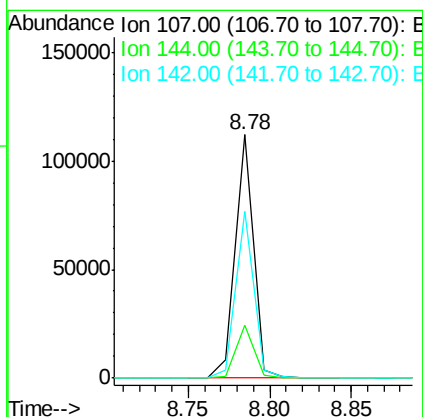
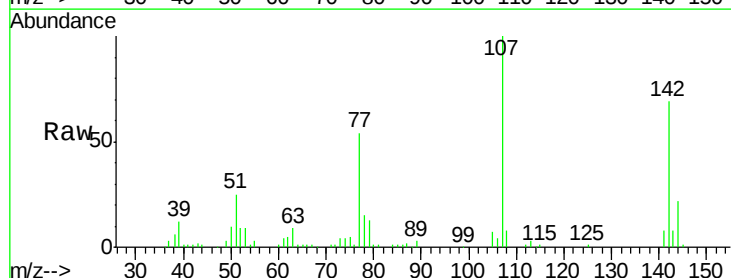
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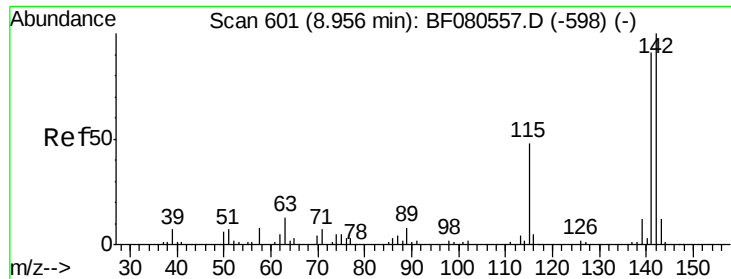
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#36
 4-Chloro-3-methylphenol
 Concen: 36.64 ng
 RT: 8.78 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	86132		
144	21.6	17.7	26.5	
142	68.5	57.7	86.5	





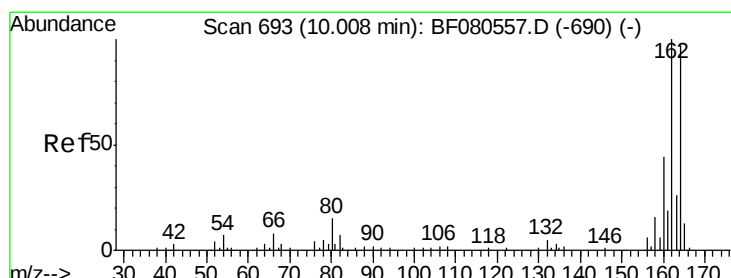
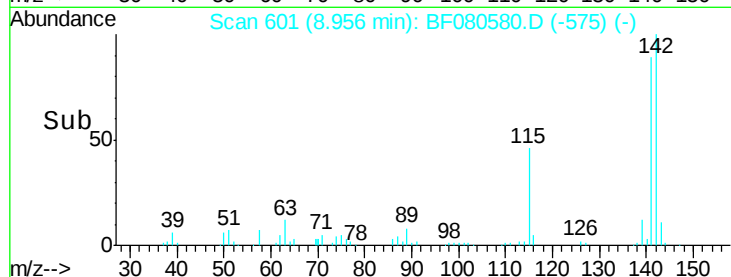
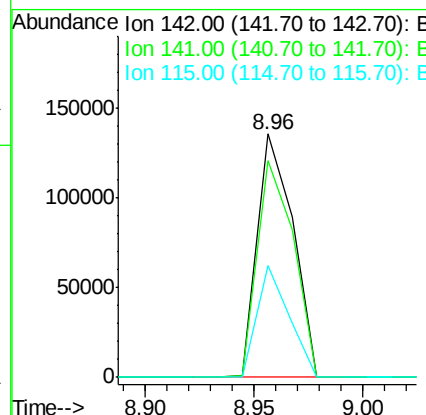
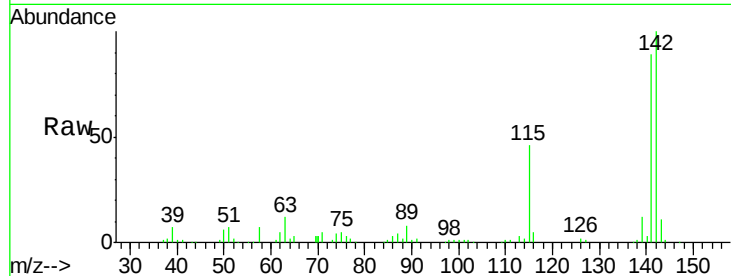
#37
 2-Methylnaphthalene
 Concen: 32.57 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	155197		
141	89.3	72.6	109.0	
115	46.1	38.2	57.2	

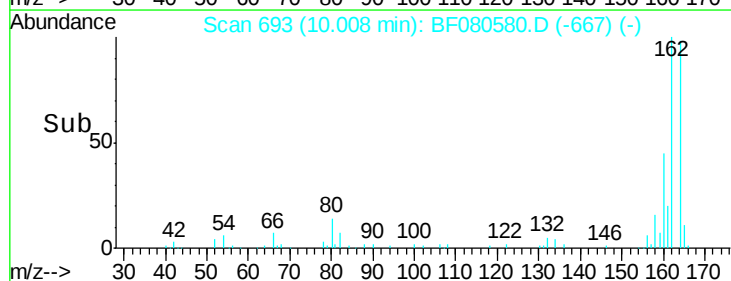
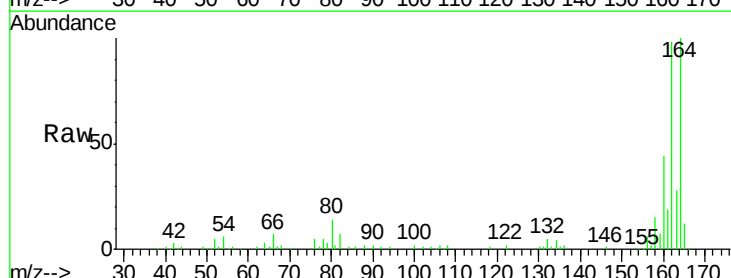
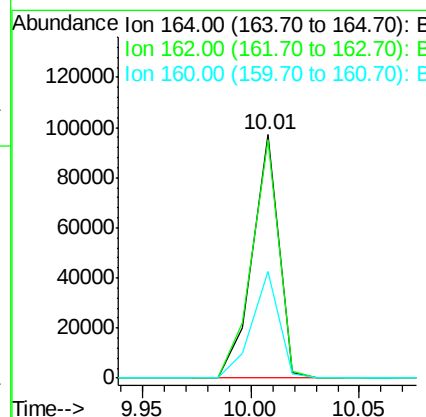
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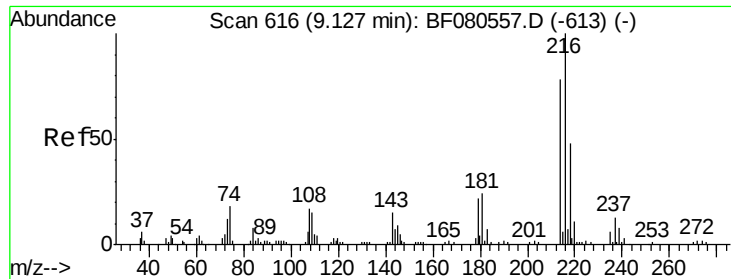
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	81849		
162	97.8	82.2	123.4	
160	43.9	36.1	54.1	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.63 ng

RT: 9.13 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF080580.D

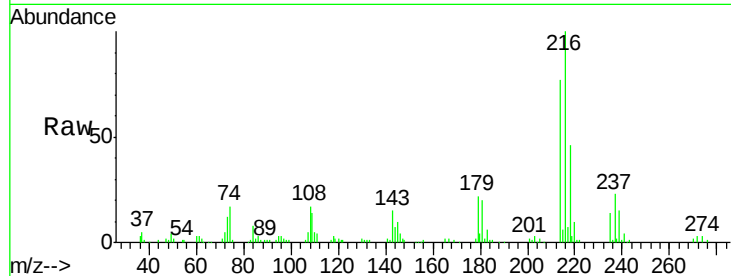
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Instrument :

BNA_F

ClientSampleId :

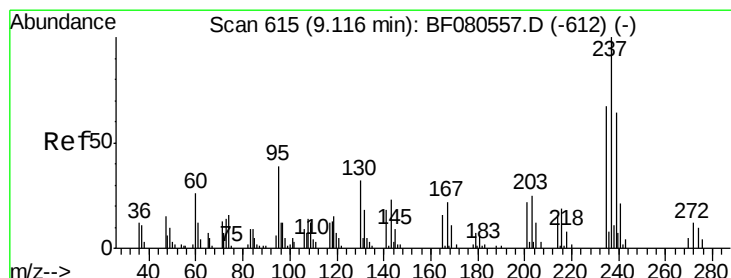
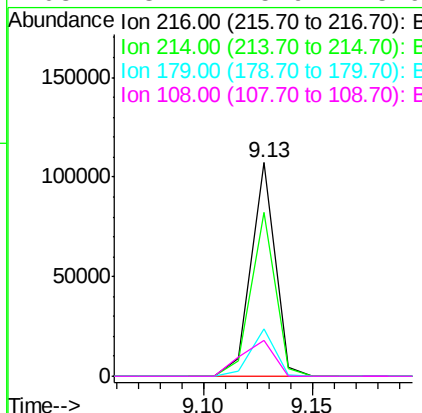
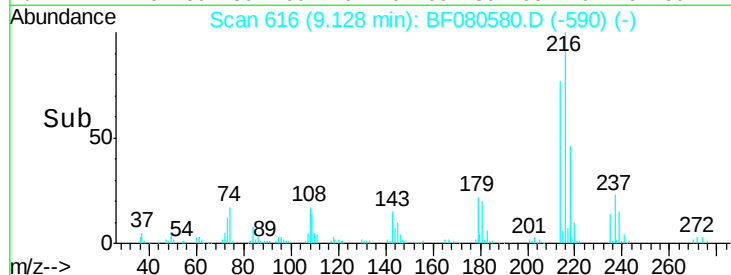
PB84616BS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	62.6	93.8
179	22.2	18.0	27.0
108	23.2	15.9	23.9

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#40

Hexachlorocyclopentadiene

Concen: 74.27 ng

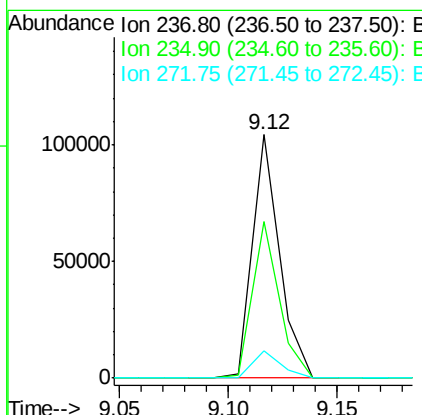
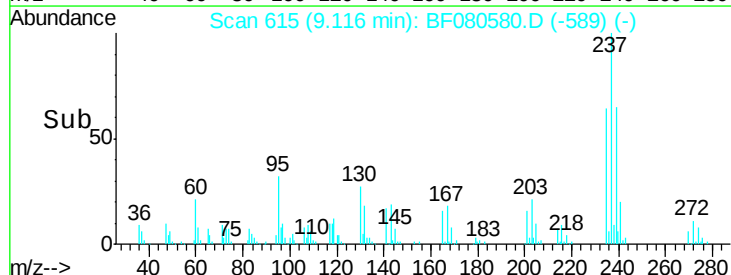
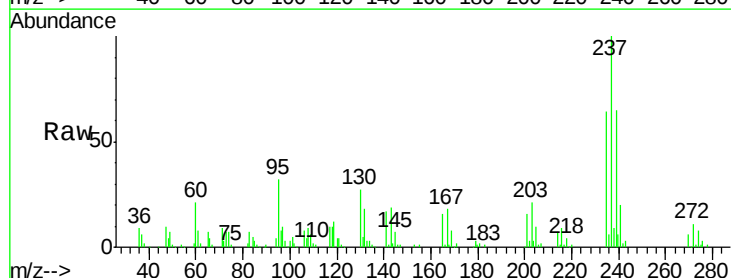
RT: 9.12 min Scan# 615

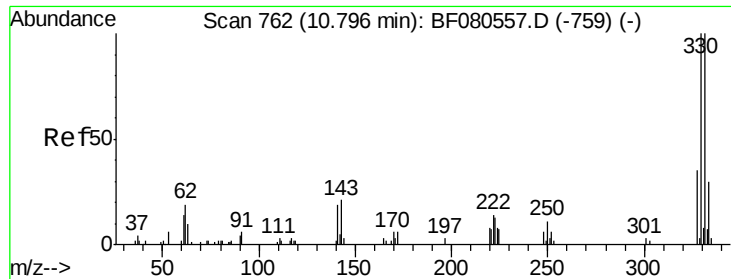
Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.2	47.3	87.3
272	11.4	0.0	31.5





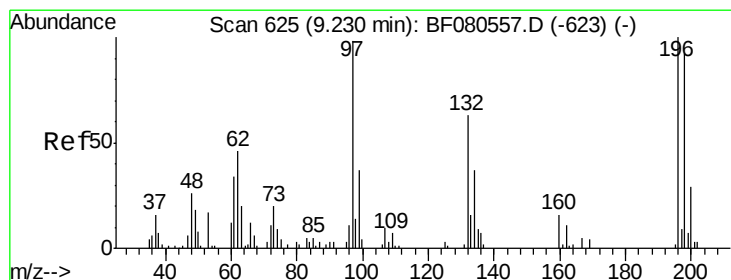
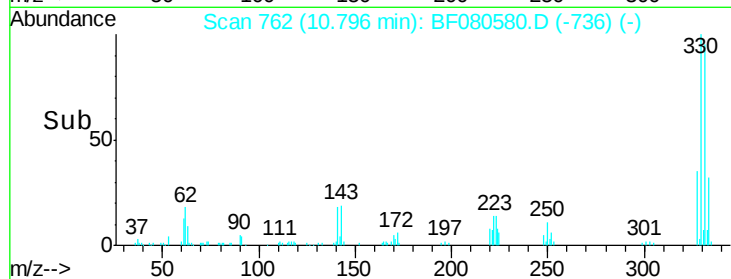
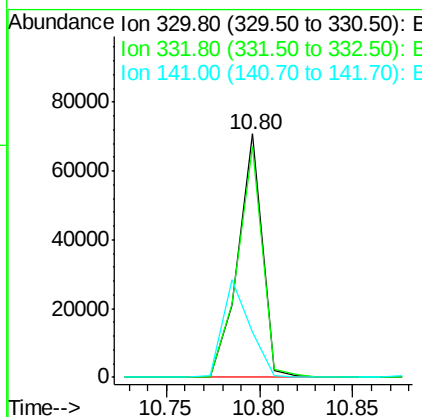
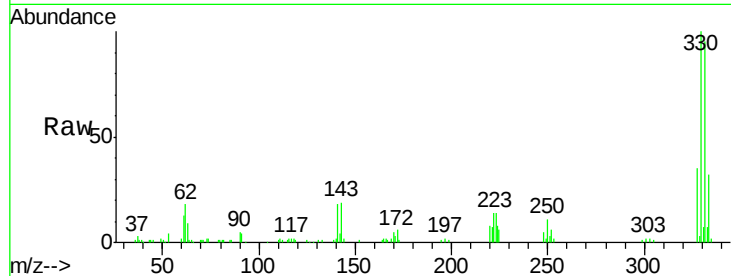
#41
 2,4,6-Tribromophenol
 Concen: 107.40 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	64895		
332	96.9	78.3	117.5	
141	44.8	37.9	56.9	

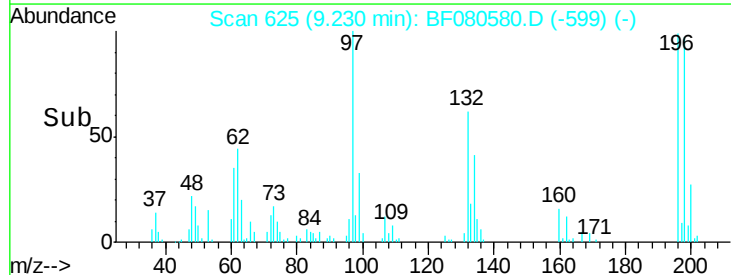
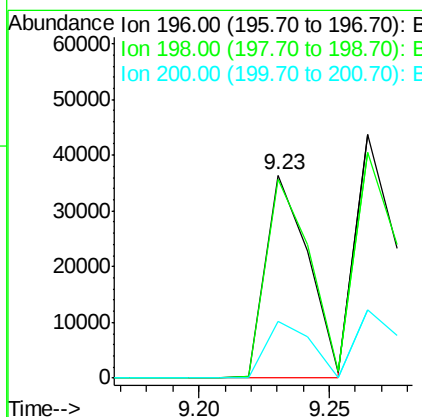
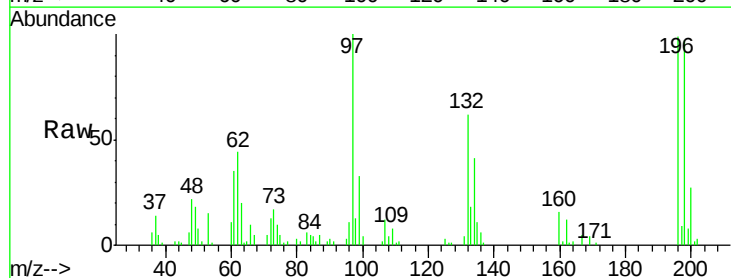
Manual Integrations
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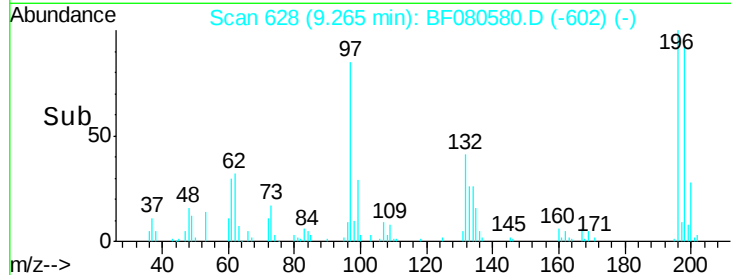
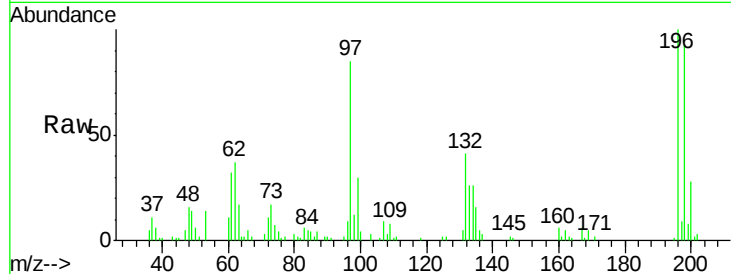
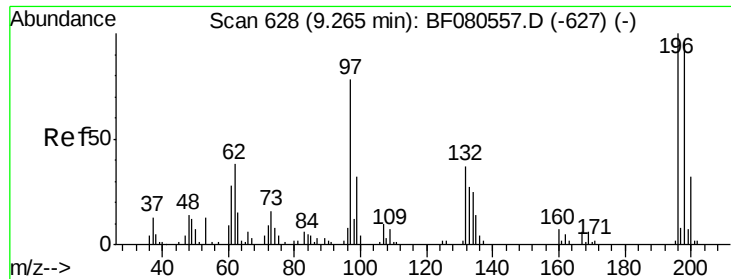
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#42
 2,4,6-Trichlorophenol
 Concen: 29.87 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

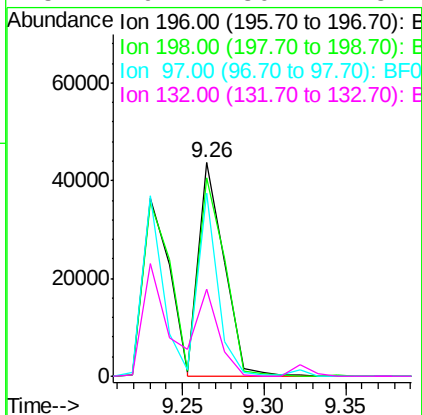
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	41513		
198	97.8	73.9	110.9	
200	27.8	23.4	35.0	





#43
2,4,5-Trichlorophenol
Concen: 32.98 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

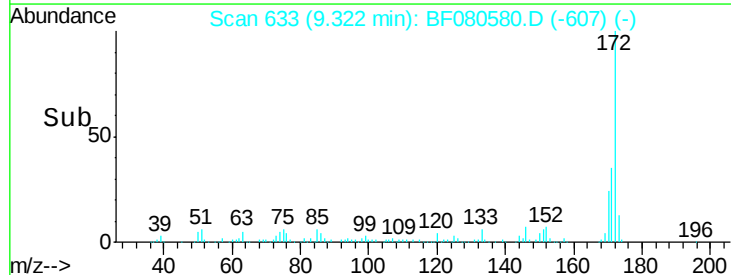
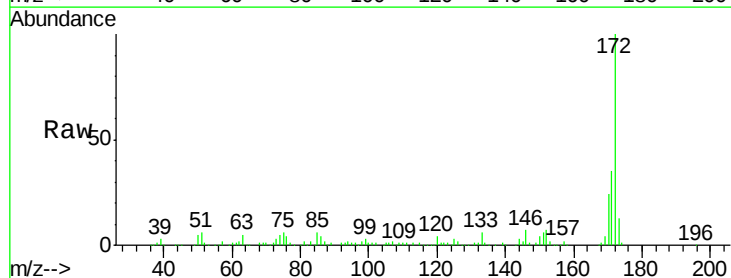
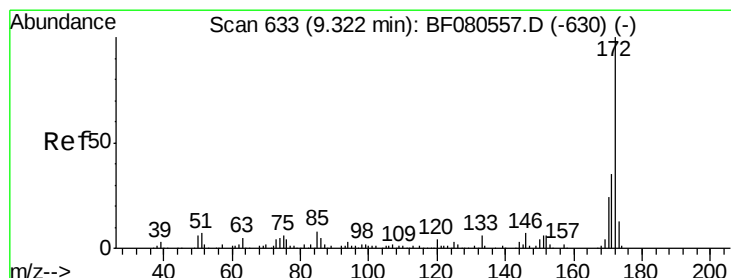
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	47907		
198	92.9	76.9	115.3	
97	85.4	63.0	94.4	
132	40.7	30.1	45.1	



Instrument :
BNA_F
ClientSampleId :
PB84616BS

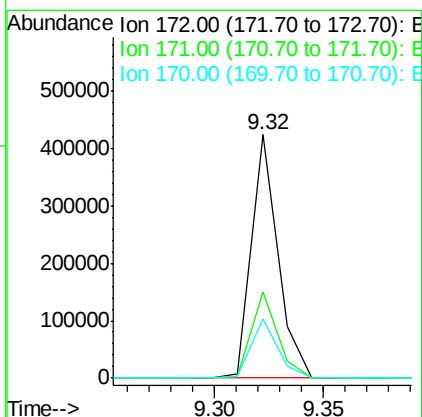
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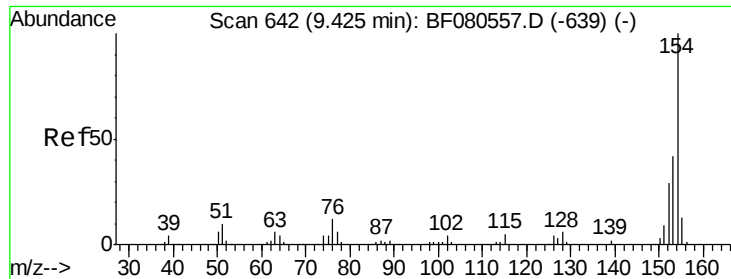
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#44
2-Fluorobiphenyl
Concen: 62.70 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	356856		
171	35.4	27.7	41.5	
170	24.2	19.1	28.7	





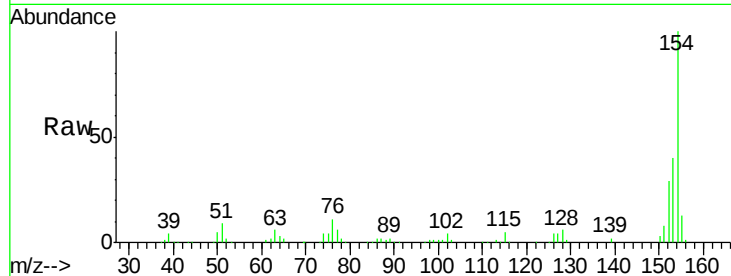
#45
 1,1'-Biphenyl
 Concen: 30.66 ng
 RT: 9.42 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

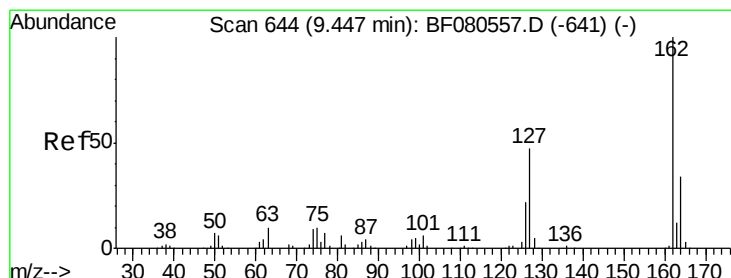
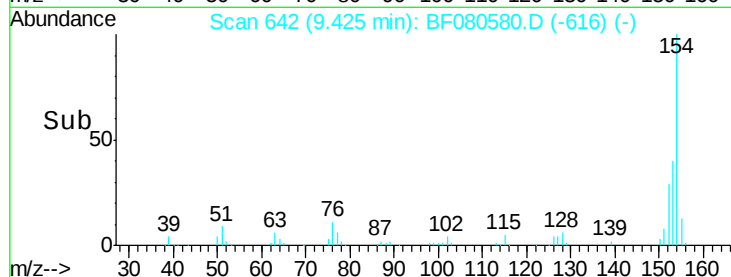
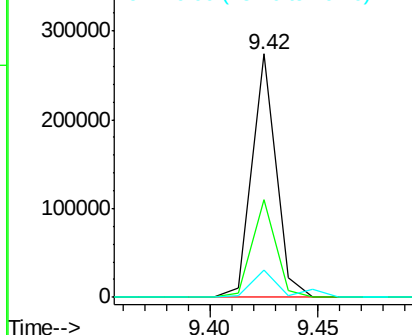
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.8	61.8
76	11.2	0.0	32.1

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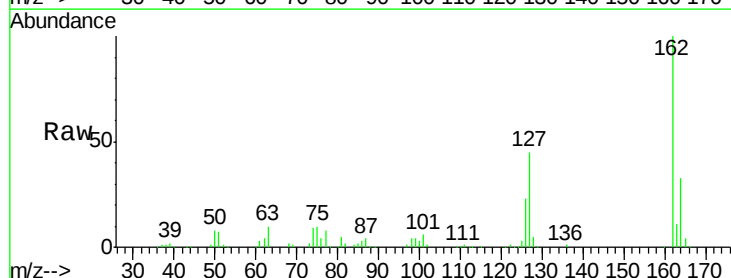


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

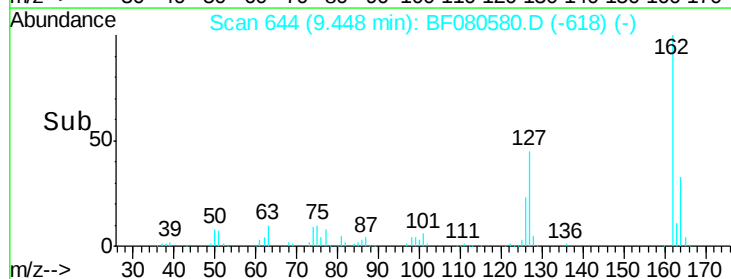
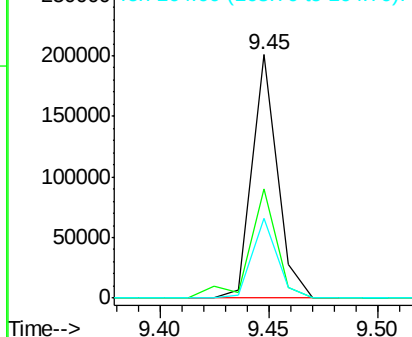


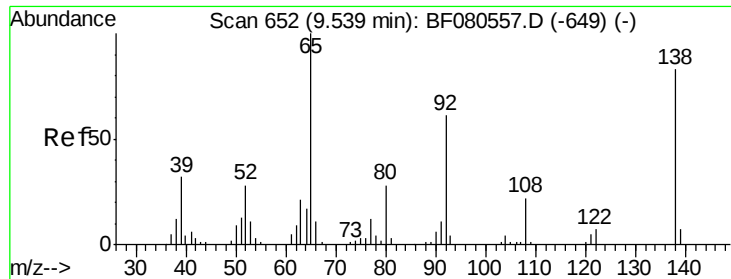
#46
 2-Chloronaphthalene
 Concen: 29.71 ng
 RT: 9.45 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.6	37.6	56.4
164	32.6	27.4	41.0



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: 37.49 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF080580.D

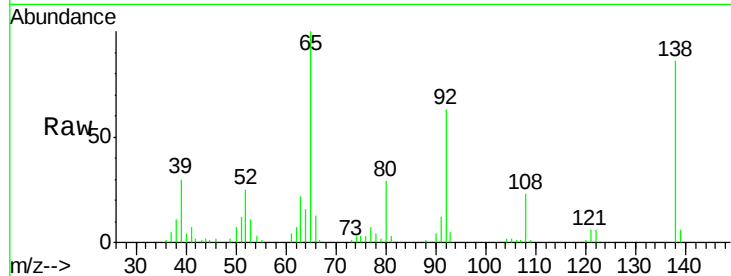
Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

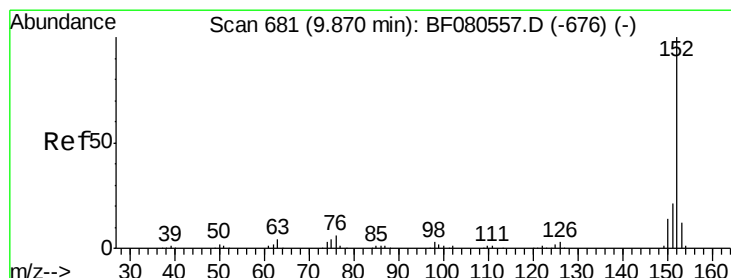
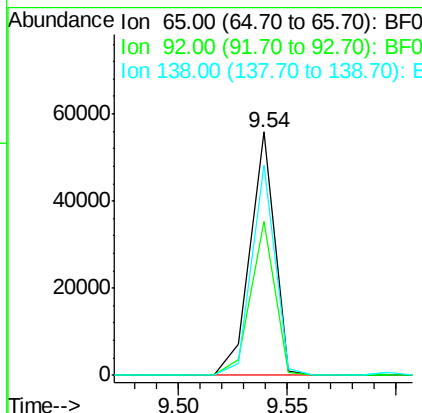
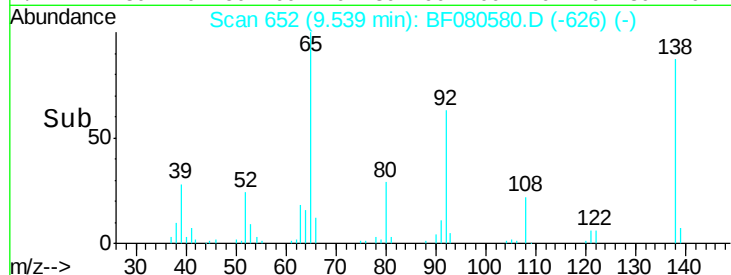
PB84616BS



Tgt Ion:	65	Resp:	43743
Ion Ratio	Lower	Upper	
65	100		
92	63.0	48.7	73.1
138	86.4	66.8	100.2

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#48

Acenaphthylene

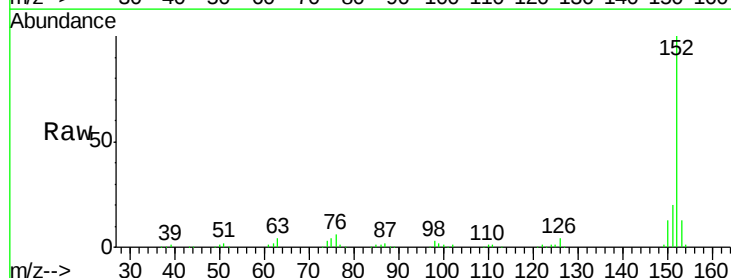
Concen: 29.53 ng

RT: 9.87 min Scan# 681

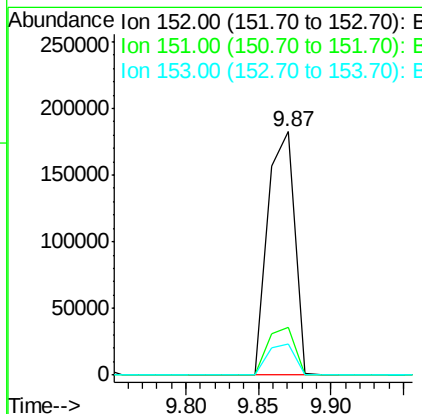
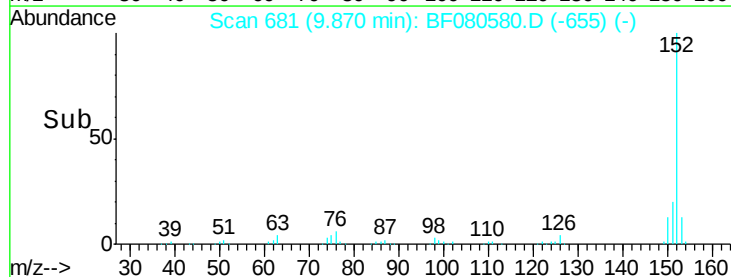
Delta R.T. 0.00 min

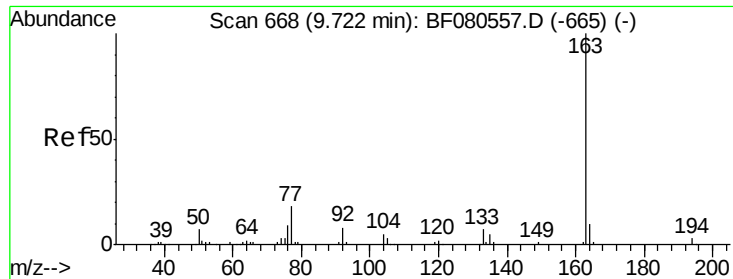
Lab File: BF080580.D

Acq: 23 Jul 2015 4:00



Tgt Ion:	152	Resp:	234869
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.4	24.6
153	12.6	9.7	14.5





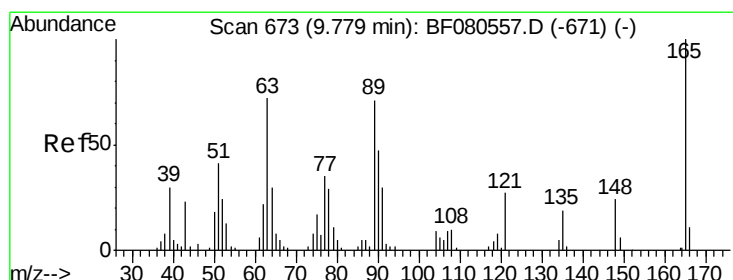
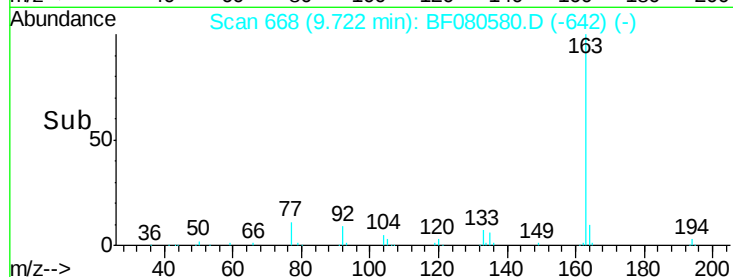
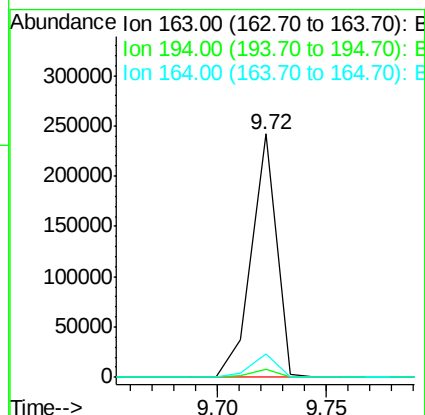
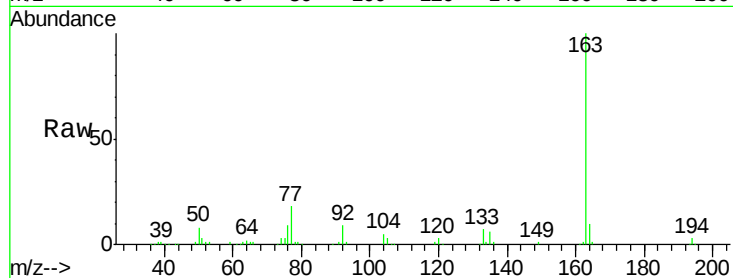
#49
Dimethylphthalate
Concen: 33.66 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampleId :
PB84616BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.5	3.7
164	9.8	8.1	12.1

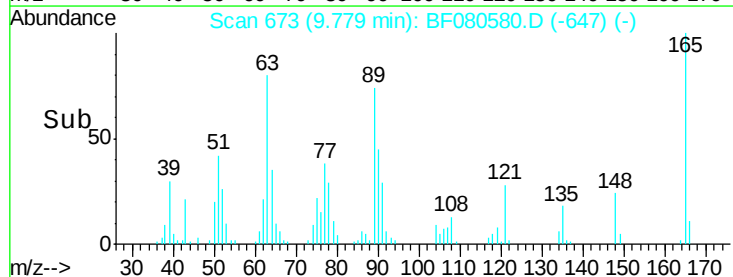
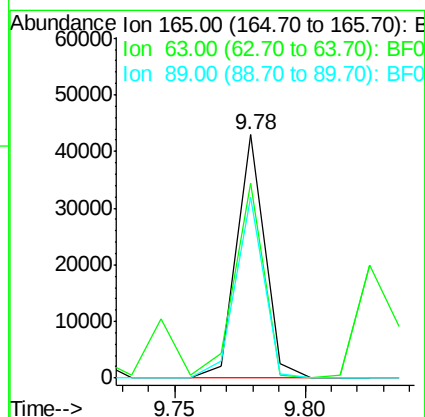
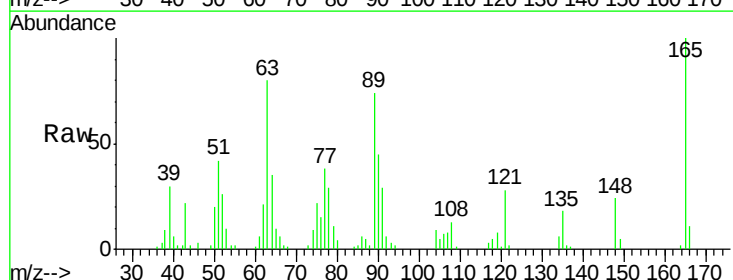
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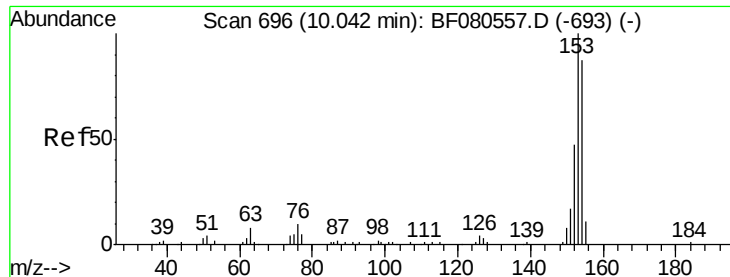
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#50
2,6-Dinitrotoluene
Concen: 35.13 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	80.1	59.0	88.6
89	74.1	56.9	85.3





#51

Acenaphthene

Concen: 31.77 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

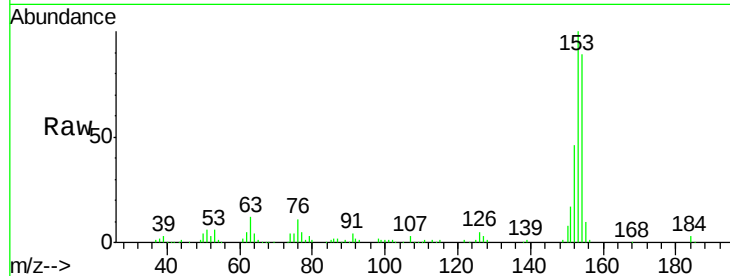
ClientSampleId :

PB84616BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	148436		
153	111.9	92.2	138.2	
152	51.7	43.6	65.4	

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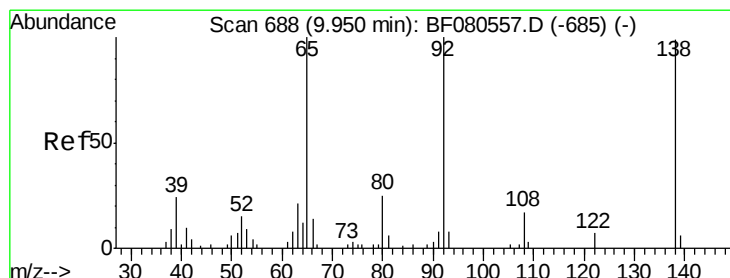
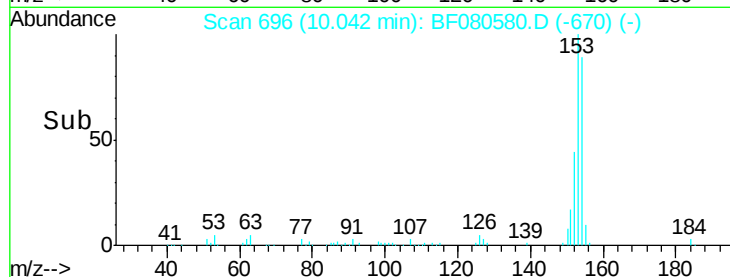
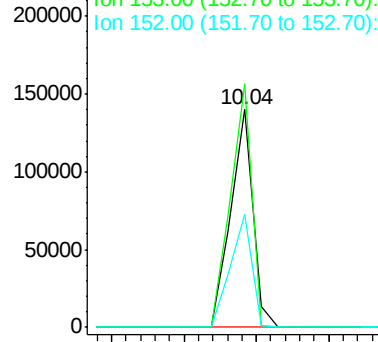


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.15 ng

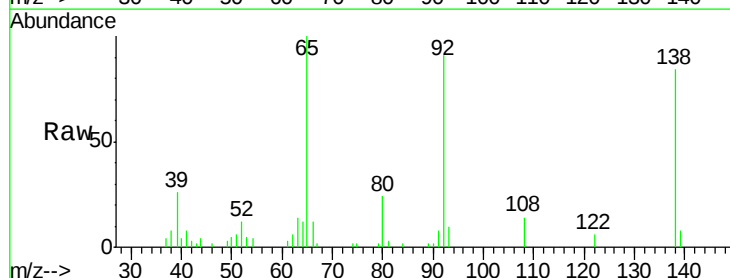
RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	20599		
108	17.1	13.7	20.5	
92	108.7	81.0	121.4	

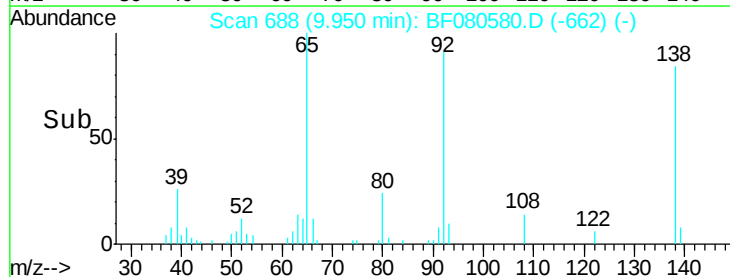
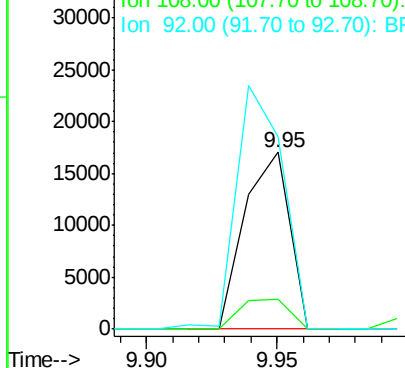


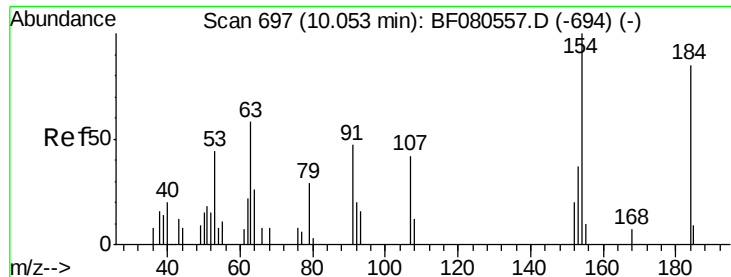
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





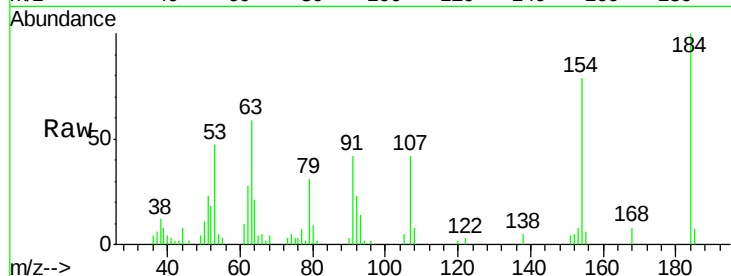
#53
2,4-Dinitrophenol
Concen: 75.14 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampleId :
PB84616BS

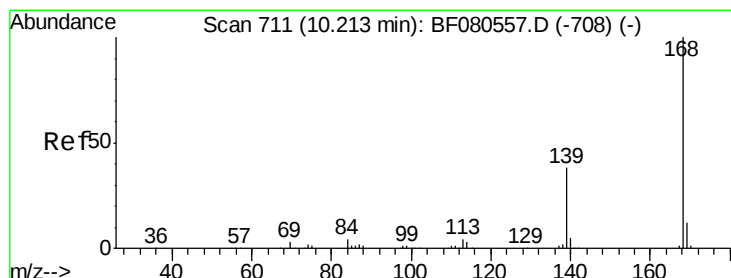
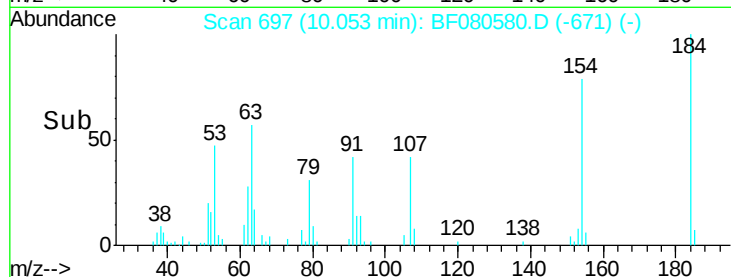
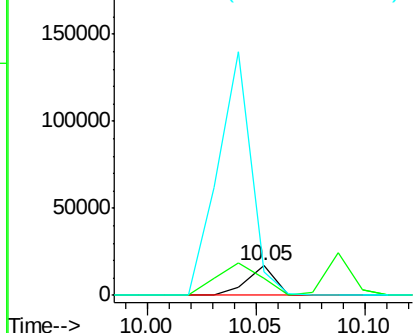
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	15032		
63	59.5	54.9	82.3	
154	79.0	94.2	141.4	

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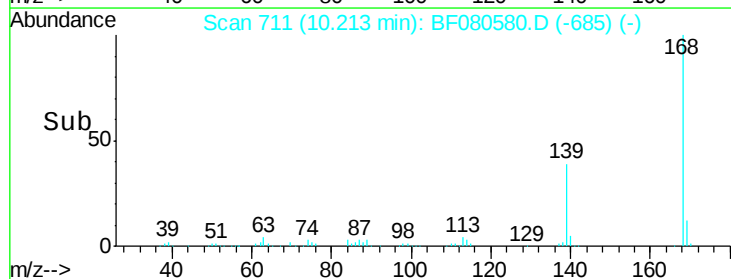
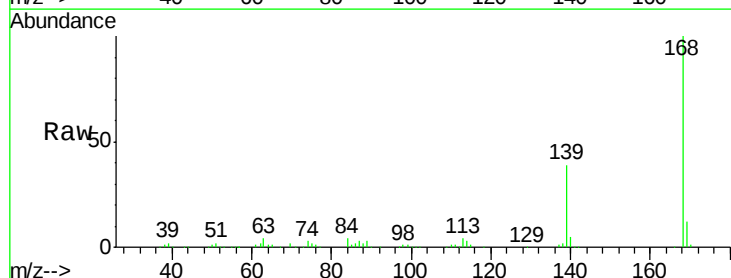
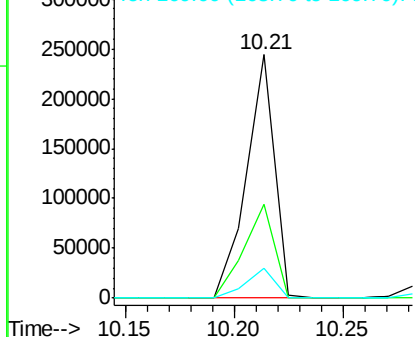
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

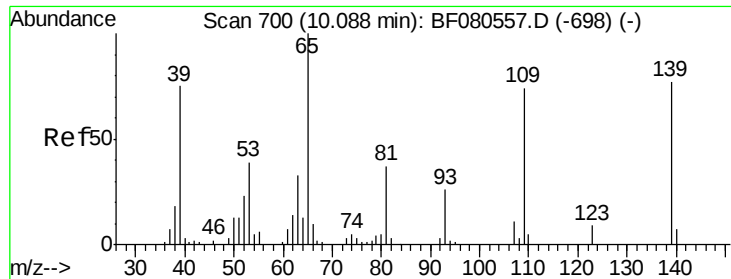


#54
Dibenzofuran
Concen: 31.72 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	217725		
139	38.7	30.7	46.1	
169	12.4	9.8	14.8	

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





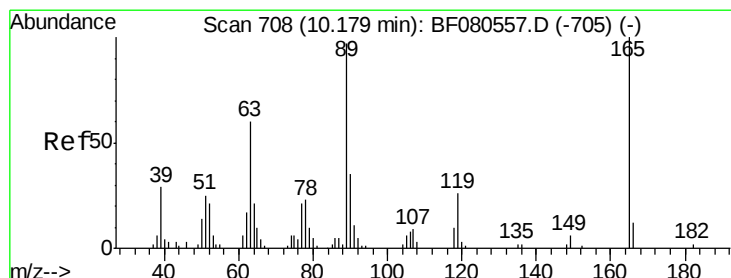
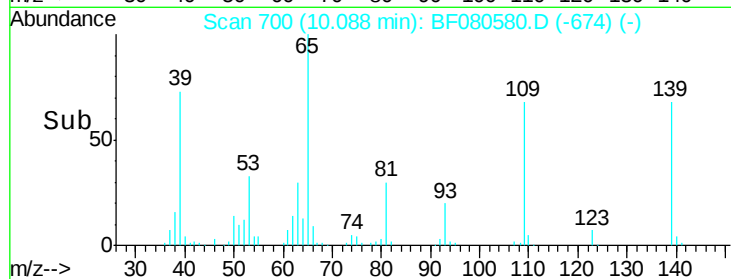
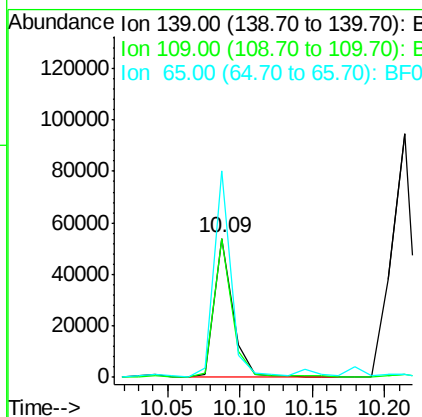
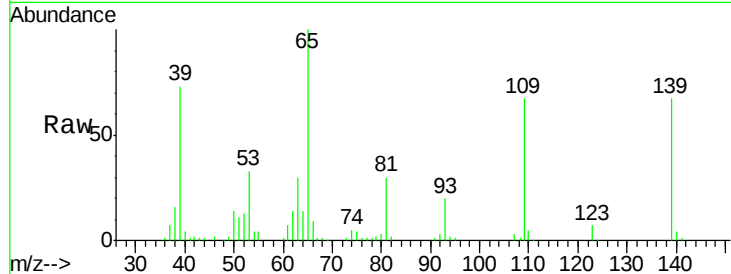
#55
4-Nitrophenol
Concen: 61.54 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampleId :
PB84616BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	48489		
109	99.9	75.9	115.9	
65	148.6	109.4	149.4	

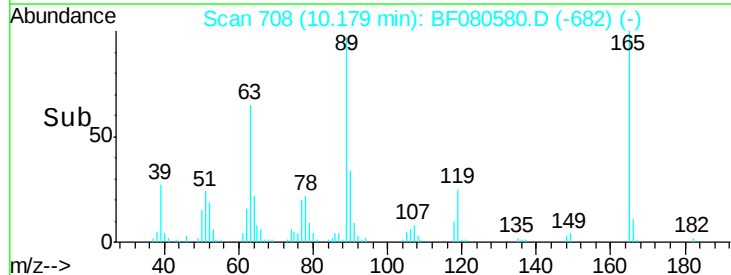
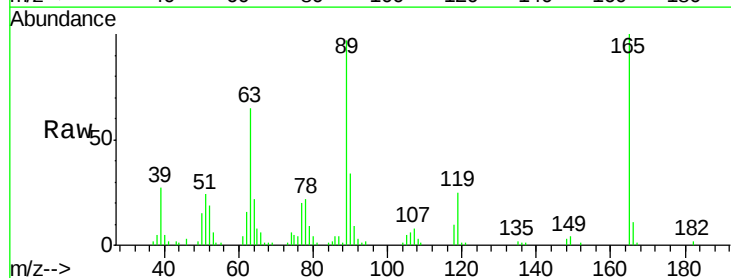
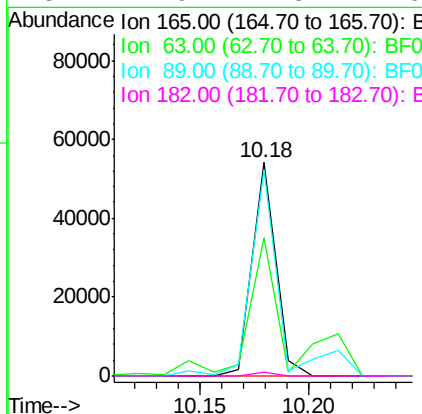
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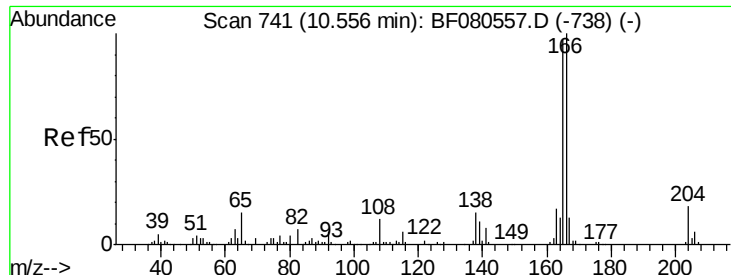
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#56
2,4-Dinitrotoluene
Concen: 39.41 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	40961		
63	64.5	48.1	72.1	
89	96.6	77.4	116.0	
182	1.9	1.3	1.9	





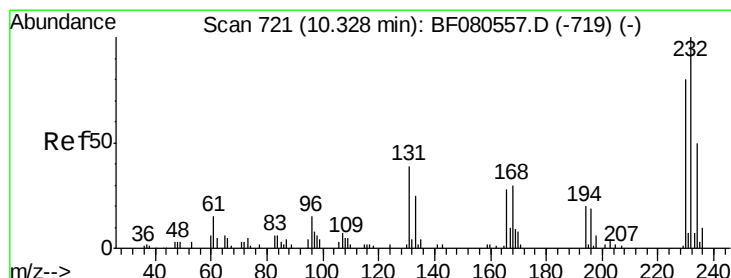
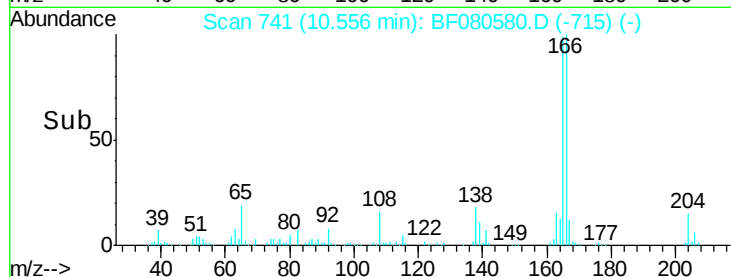
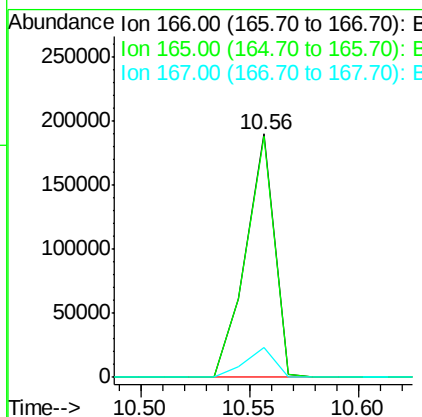
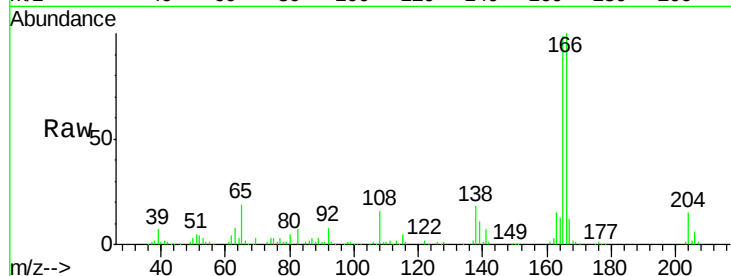
#57
 Fluorene
 Concen: 31.64 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	173539		
165	99.1	77.7	116.5	
167	12.4	10.5	15.7	

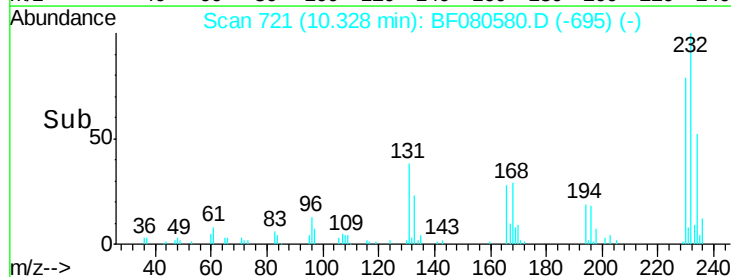
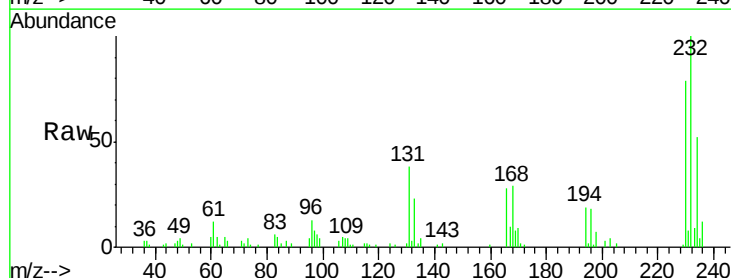
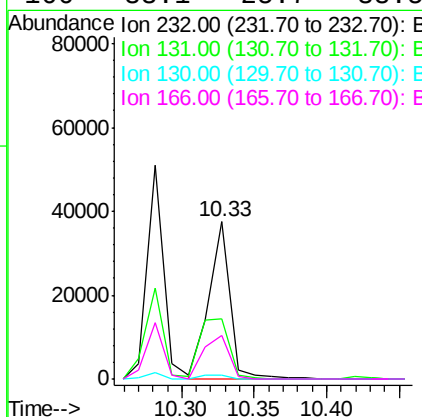
Manual Integrations
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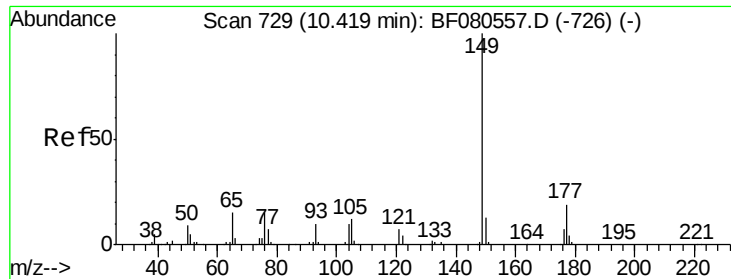
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.41 ng
 RT: 10.33 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	38437		
131	52.8	41.4	62.0	
130	3.2	1.9	2.9#	
166	33.1	25.7	38.5	





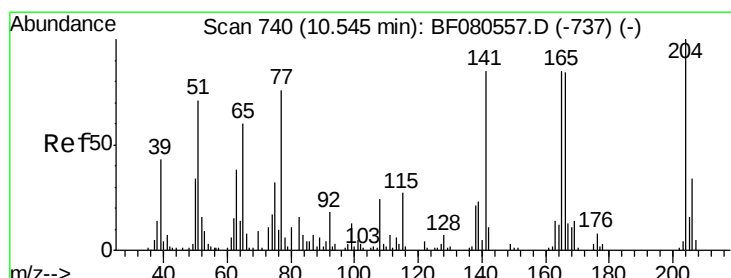
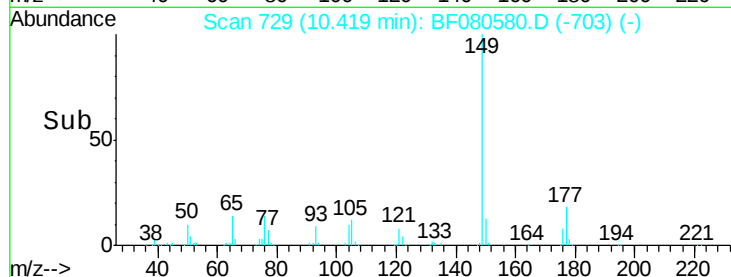
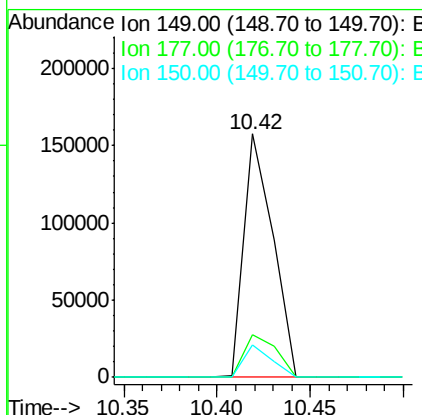
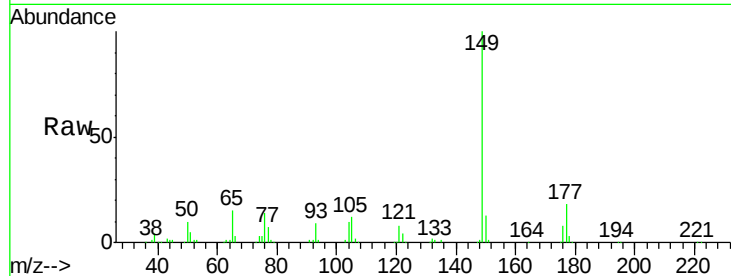
#59
Diethylphthalate
Concen: 32.11 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampleId :
PB84616BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	170298		
177	17.6	14.9	22.3	
150	13.1	10.0	15.0	

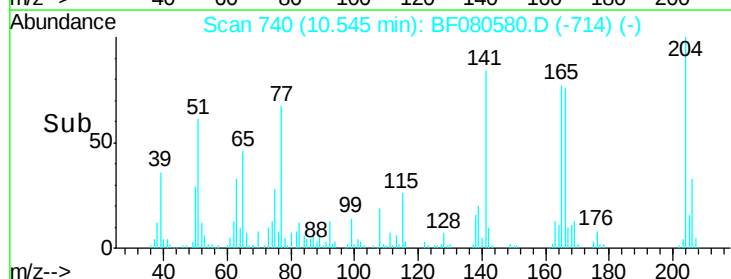
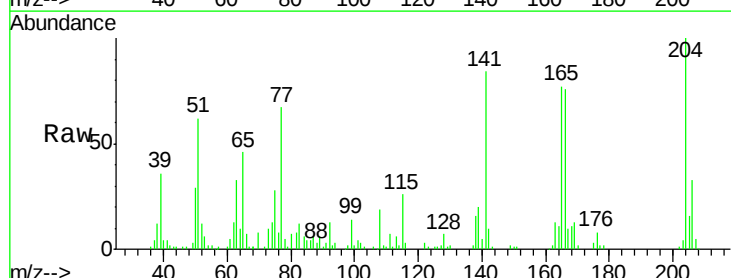
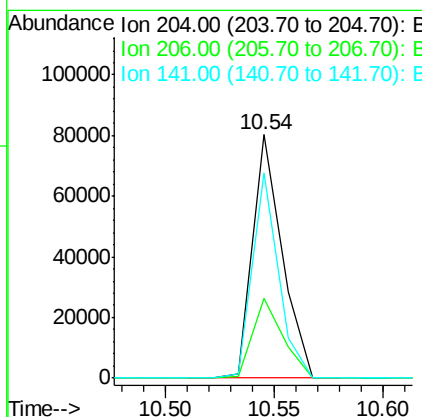
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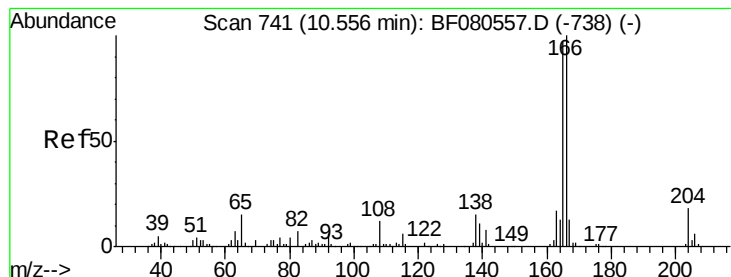
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 31.96 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	75587		
206	32.6	27.1	40.7	
141	84.5	68.3	102.5	





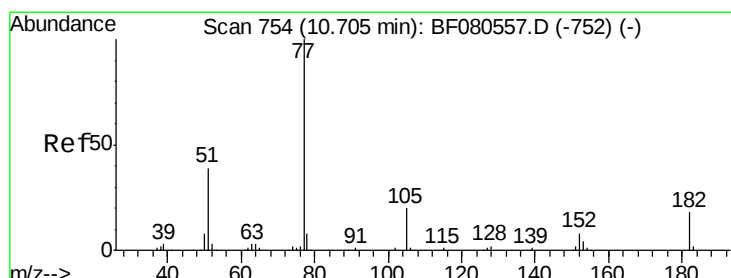
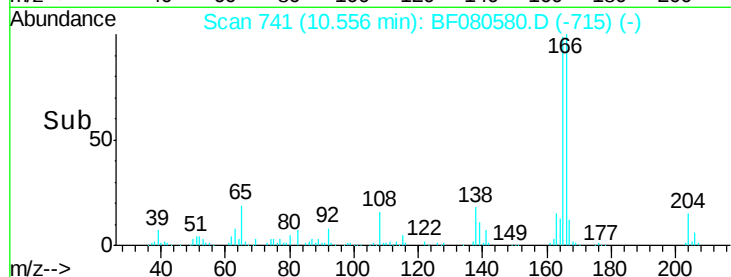
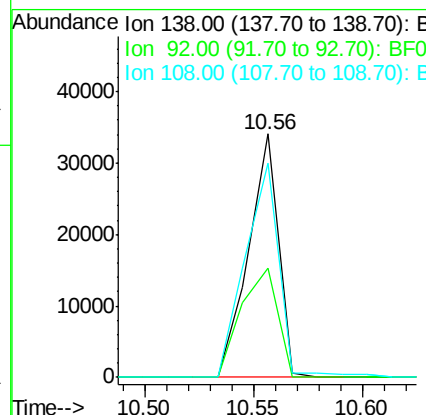
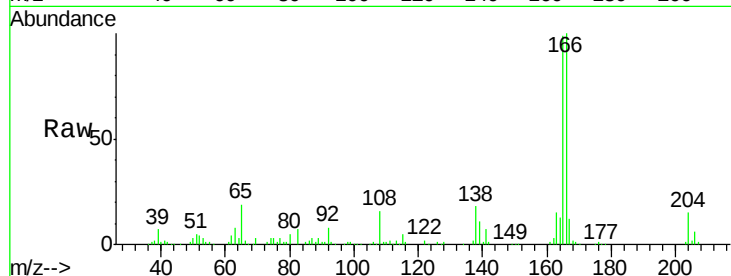
#61
4-Nitroaniline
Concen: 32.88 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampleId :
PB84616BS

Tgt Ion: 138 Resp: 32372
Ion Ratio Lower Upper
138 100
92 45.0 22.6 62.6
108 88.2 62.0 102.0

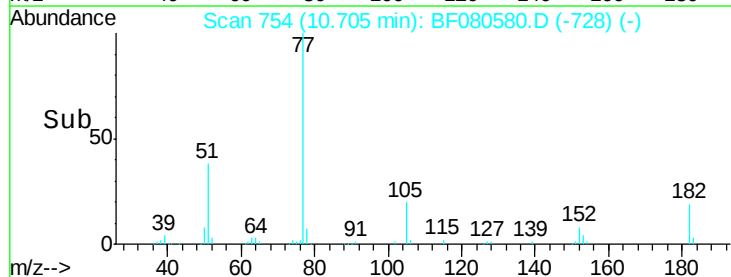
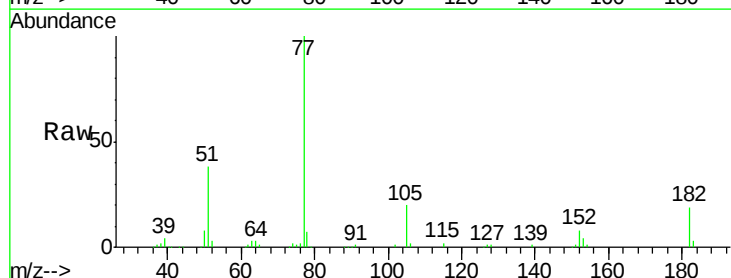
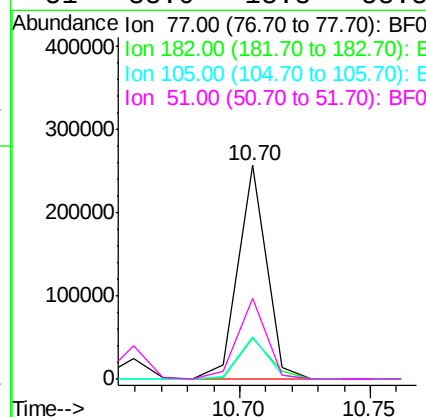
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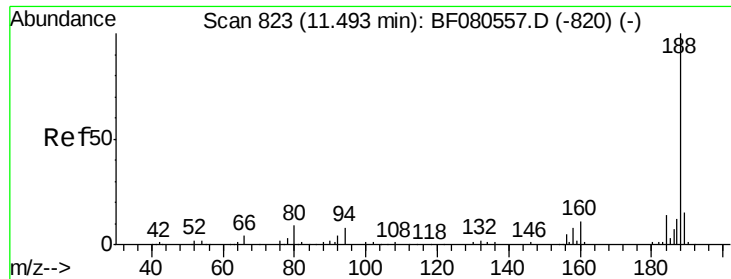
apatel
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#62
Azobenzene
Concen: 33.81 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion: 77 Resp: 197483
Ion Ratio Lower Upper
77 100
182 19.2 0.0 37.8
105 19.9 0.1 40.1
51 38.0 18.8 58.8





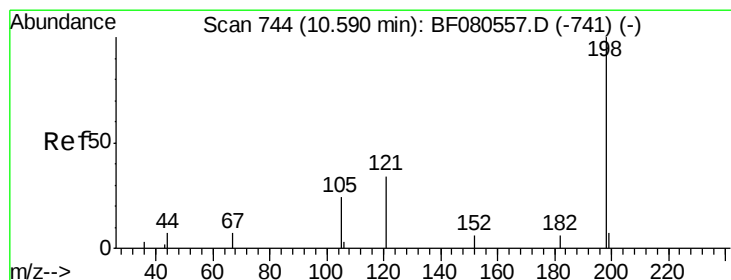
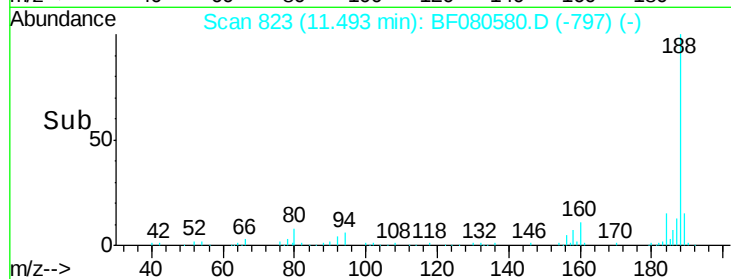
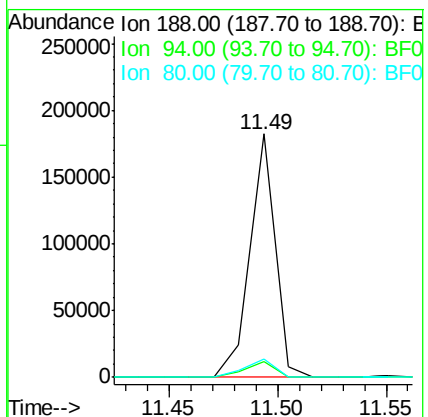
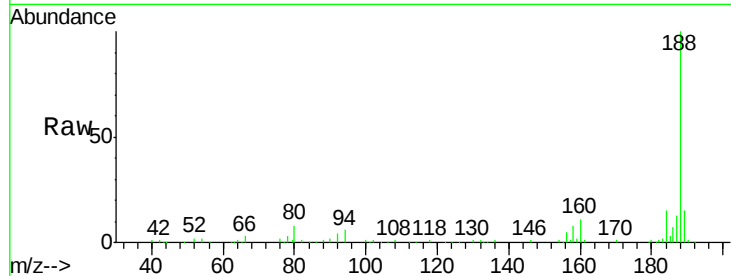
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.3	6.1	9.1
80	7.5	7.0	10.6

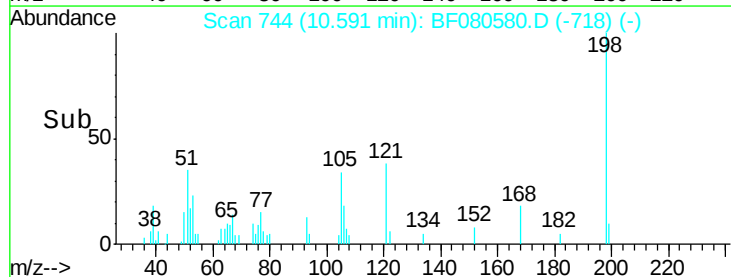
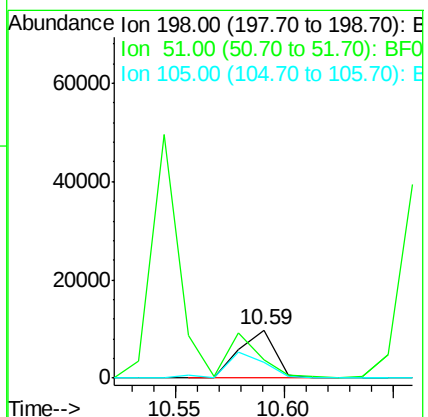
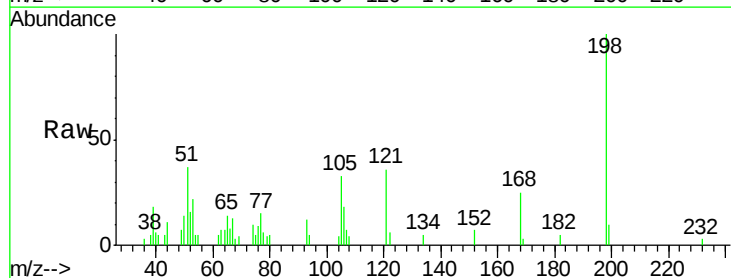
Manual Integrations
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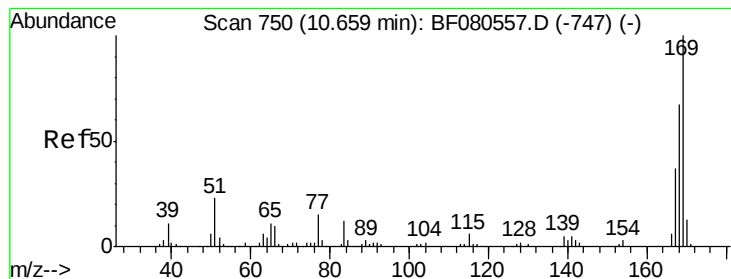
apatel
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.99 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	37.1	32.0	72.0
105	33.0	16.3	56.3





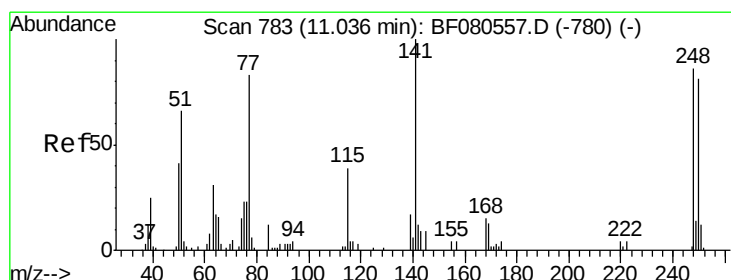
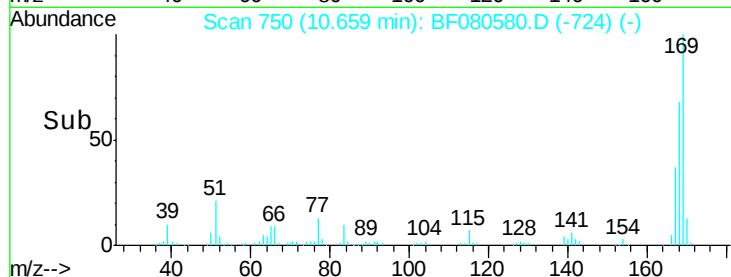
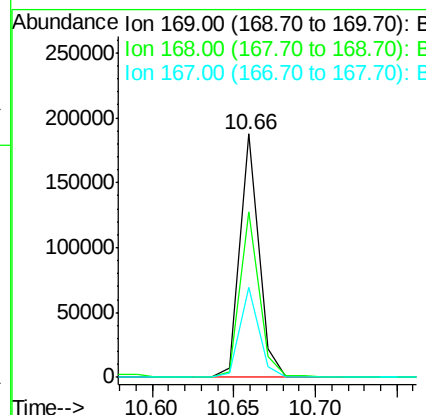
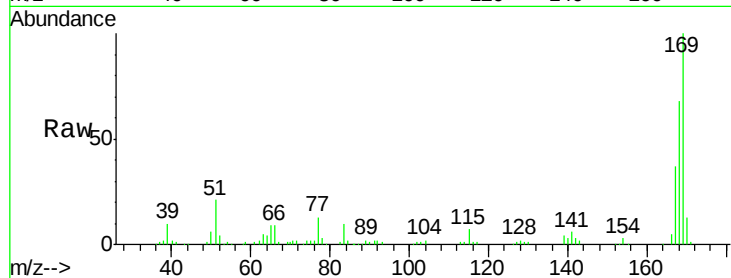
#65
 n-Nitrosodiphenylamine
 Concen: 30.79 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	149565		
168	68.2	53.3	79.9	
167	36.7	29.8	44.6	

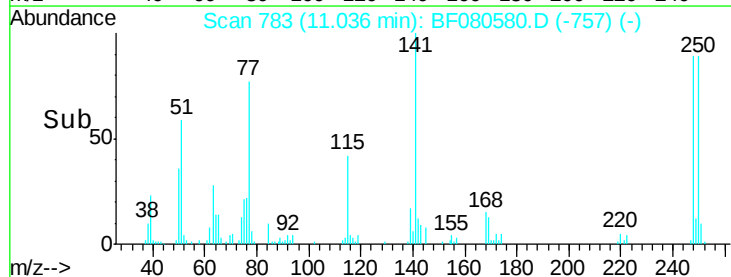
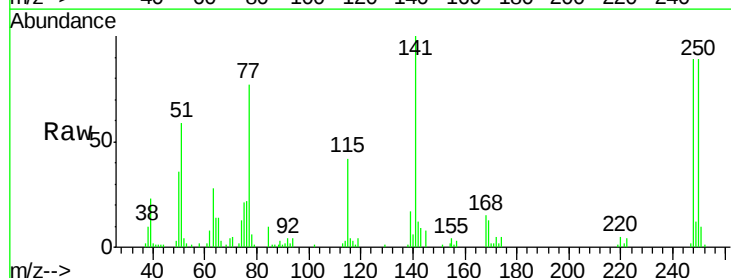
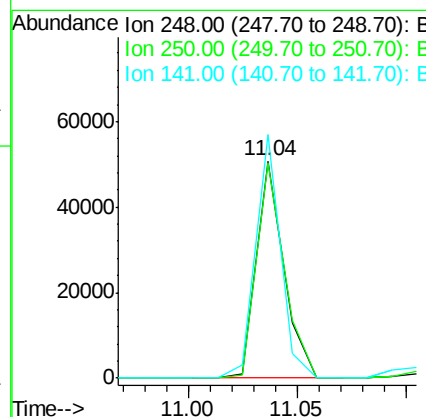
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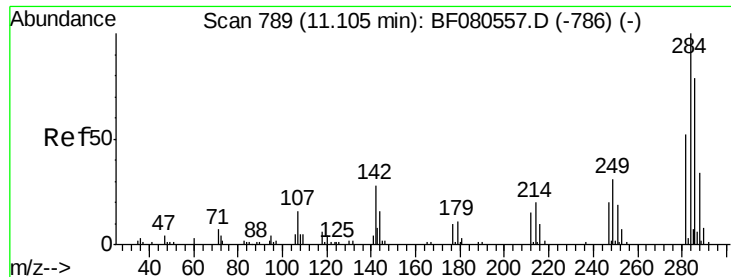
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#66
 4-Bromophenyl-phenylether
 Concen: 31.33 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	44429		
250	99.6	75.4	113.2	
141	112.2	93.4	140.0	





#67

Hexachlorobenzene

Concen: 32.54 ng

RT: 11.10 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF080580.D

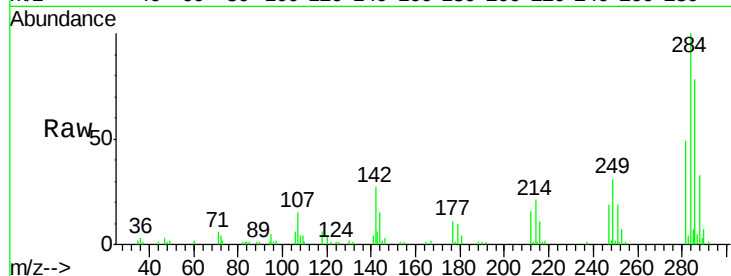
Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

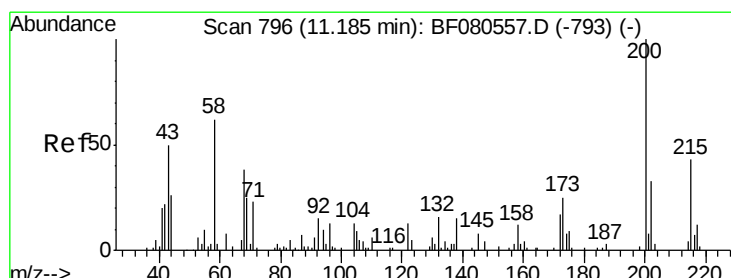
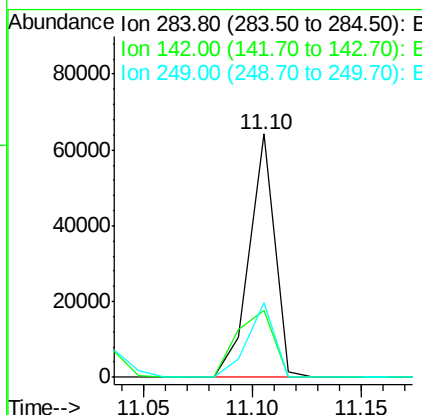
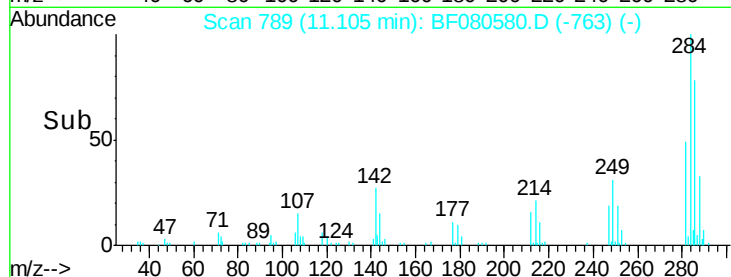
PB84616BS



Tgt Ion:	284	Resp:	52409
Ion Ratio	Lower	Upper	
284	100		
142	27.3	22.4	33.6
249	30.8	25.0	37.4

Manual Integrations
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#68

Atrazine

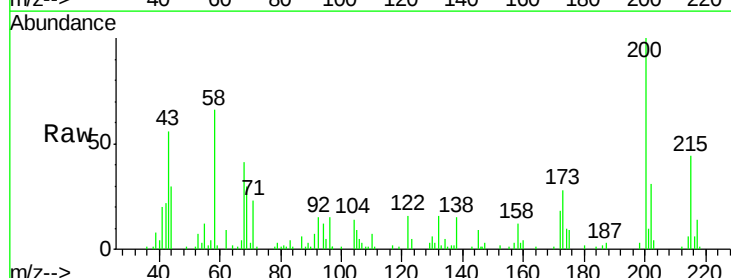
Concen: 32.80 ng

RT: 11.18 min Scan# 796

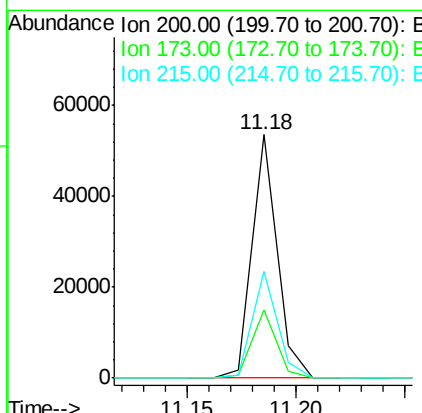
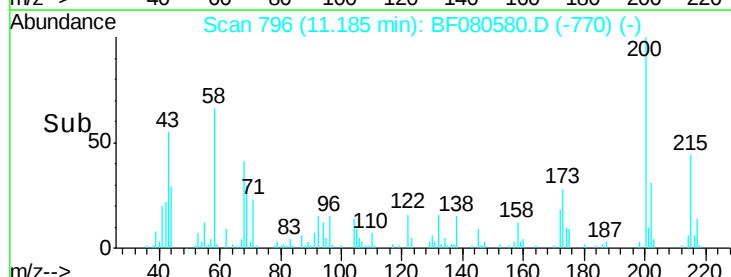
Delta R.T. 0.00 min

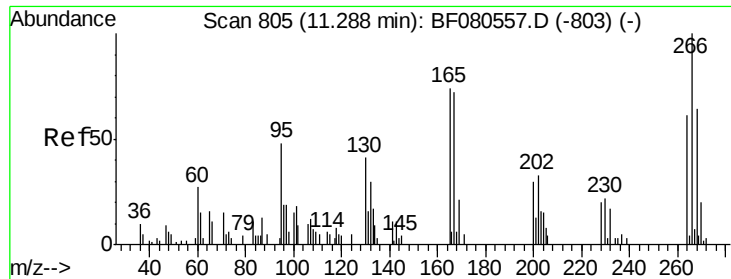
Lab File: BF080580.D

Acq: 23 Jul 2015 4:00



Tgt Ion:	200	Resp:	42749
Ion Ratio	Lower	Upper	
200	100		
173	28.1	4.6	44.6
215	43.6	22.9	62.9





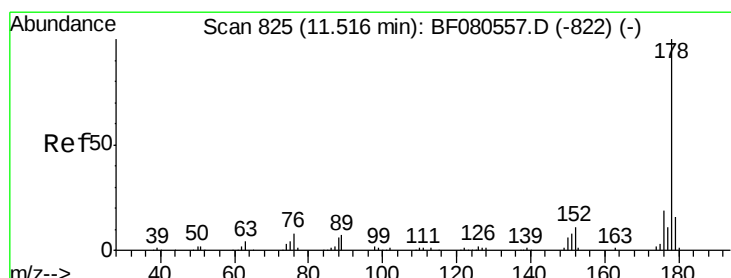
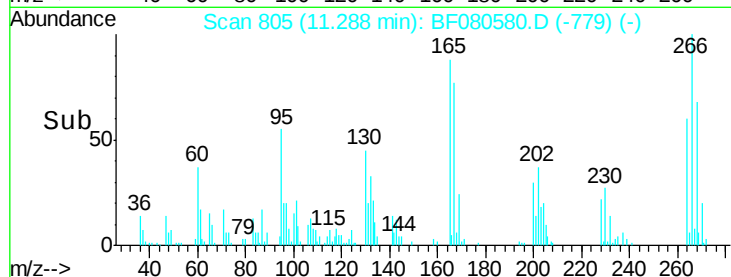
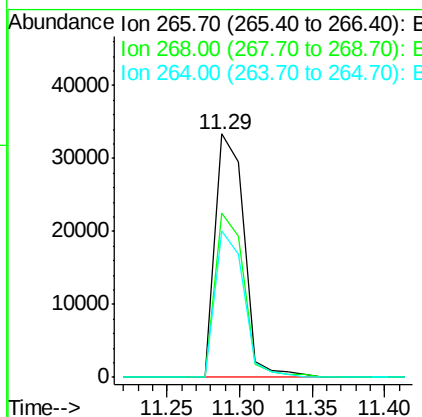
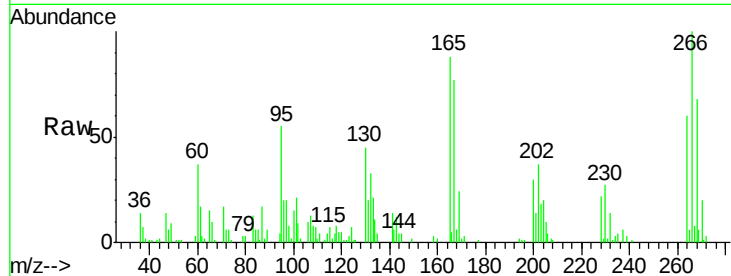
#69
 Pentachlorophenol
 Concen: 71.85 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.7	51.5	77.3
264	60.1	48.8	73.2

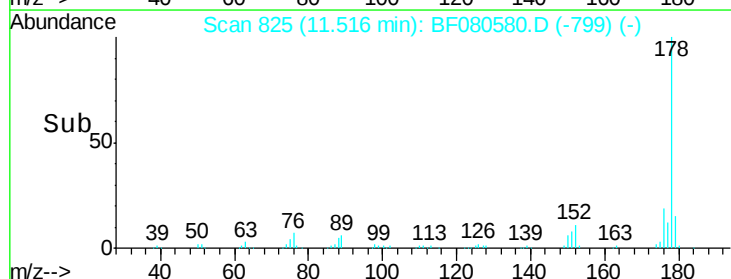
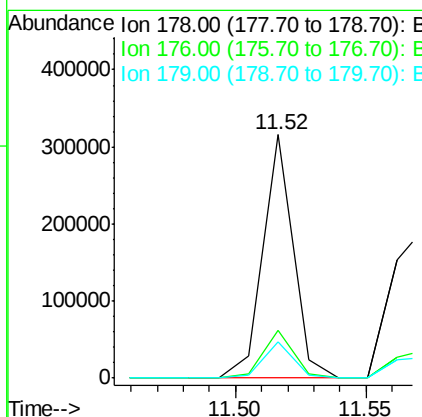
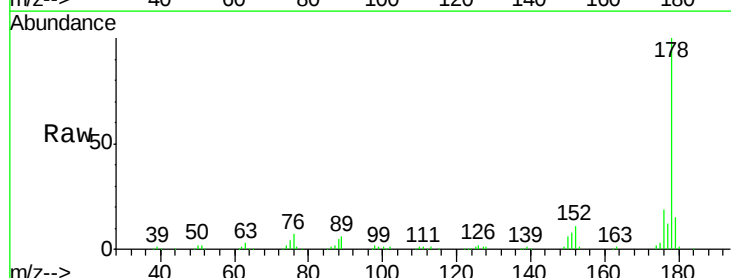
Manual Integrations
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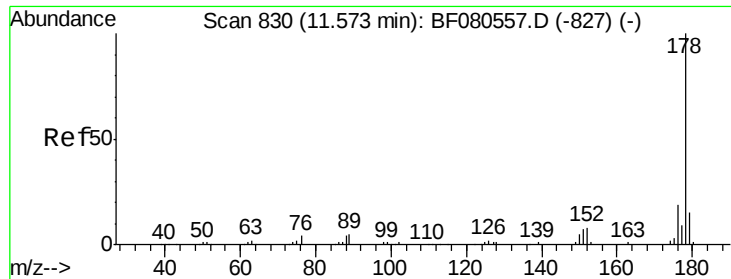
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#70
 Phenanthrene
 Concen: 30.35 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	15.0	12.5	18.7





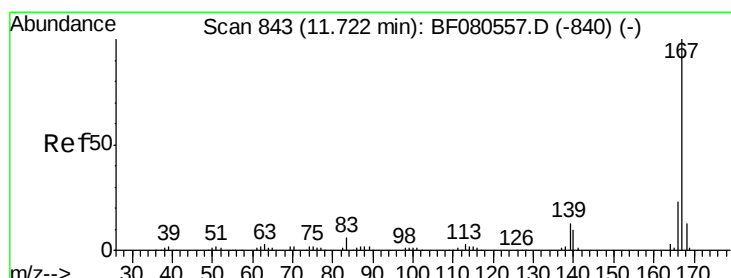
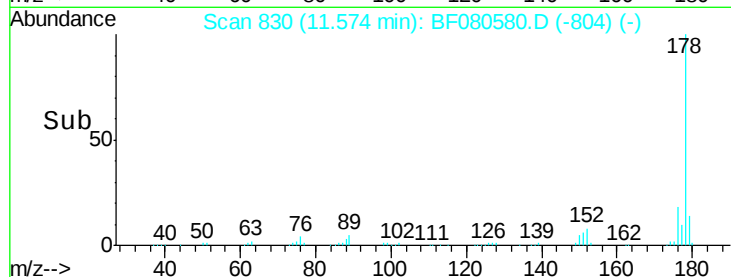
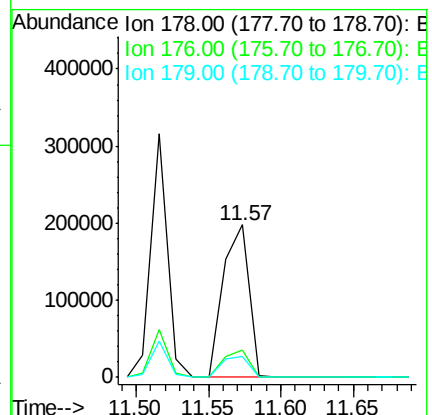
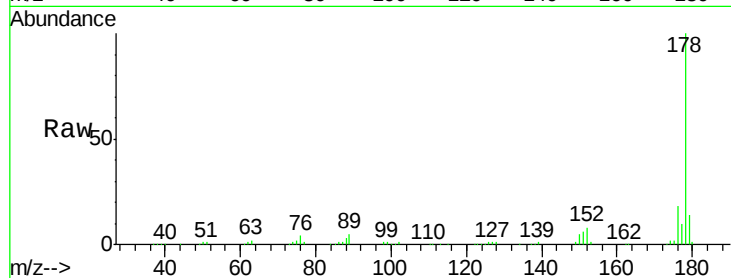
#71
 Anthracene
 Concen: 31.60 ng
 RT: 11.57 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.1	22.7
179	14.0	12.0	18.0

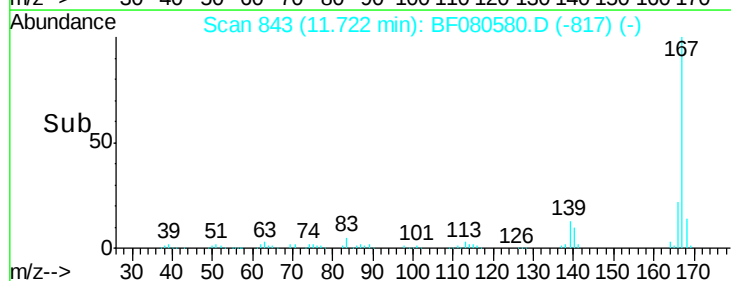
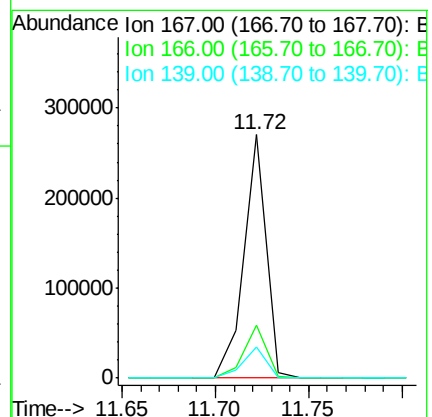
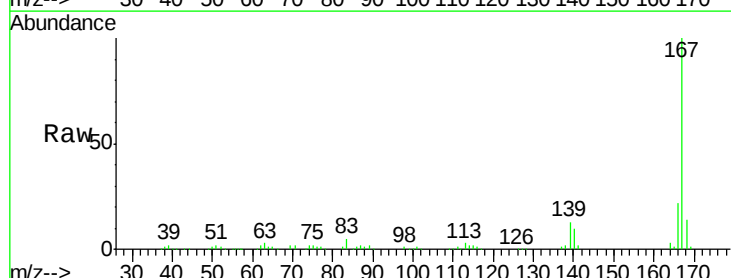
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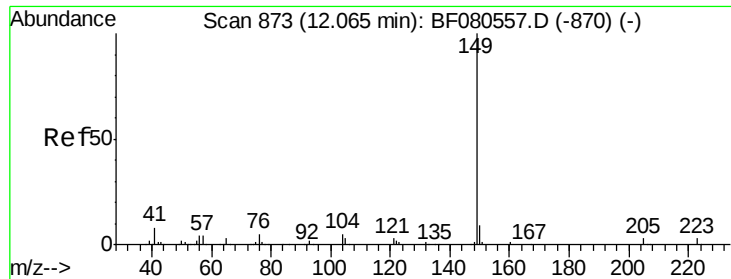
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#72
 Carbazole
 Concen: 32.26 ng
 RT: 11.72 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	12.7	10.7	16.1





#73

Di-n-butylphthalate

Concen: 29.82 ng

RT: 12.06 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

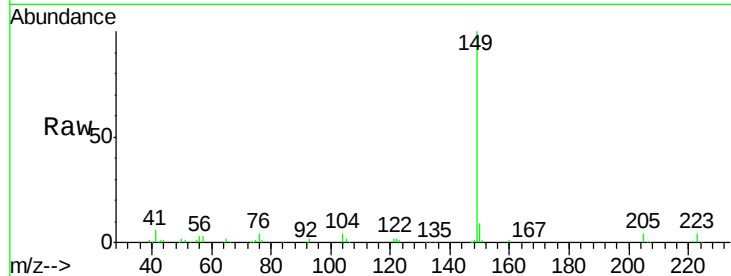
ClientSampleId :

PB84616BS

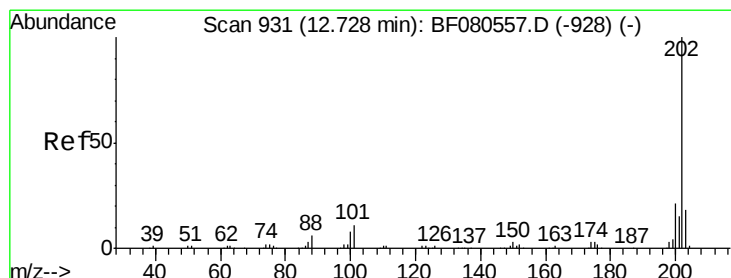
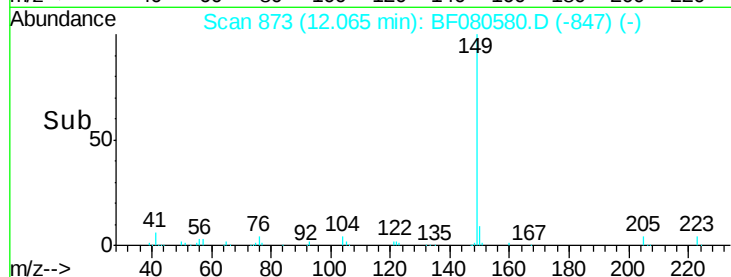
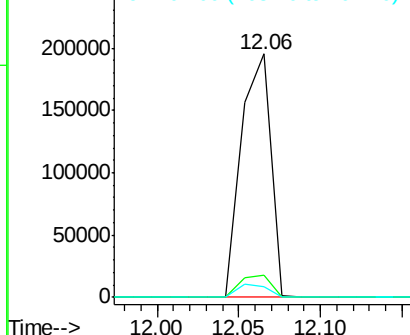
Tgt Ion:	149	Resp:	243125
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.2	10.8
104	4.3	3.8	5.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.67 ng

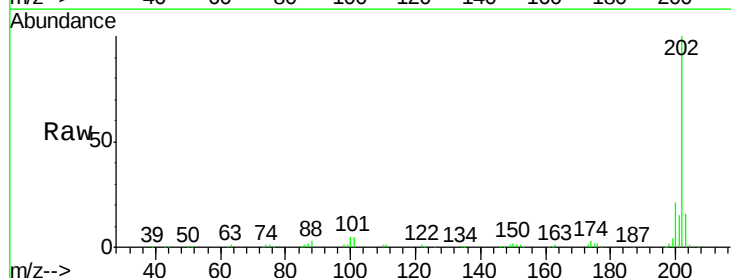
RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

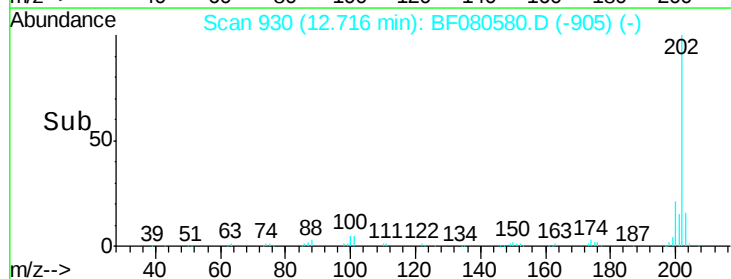
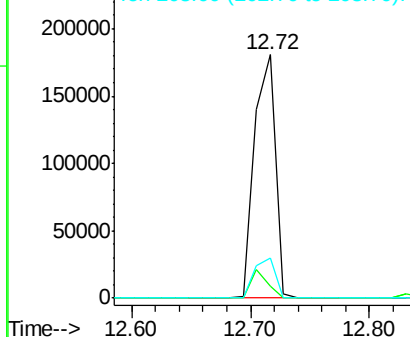
Lab File: BF080580.D

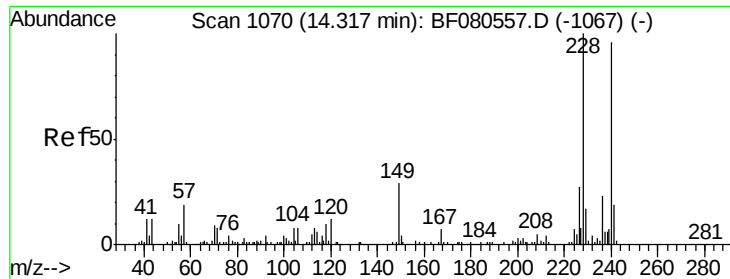
Acq: 23 Jul 2015 4:00

Tgt Ion:	202	Resp:	224496
Ion Ratio	Lower	Upper	
202	100		
101	5.1	0.0	31.1
203	16.3	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.23 min Scan# 1062

Delta R.T. -0.09 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

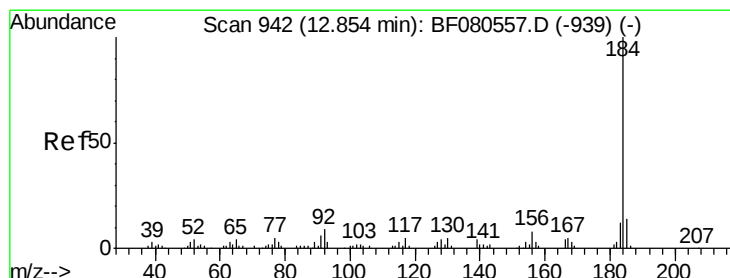
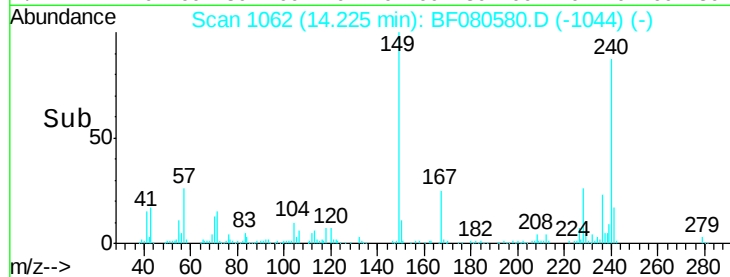
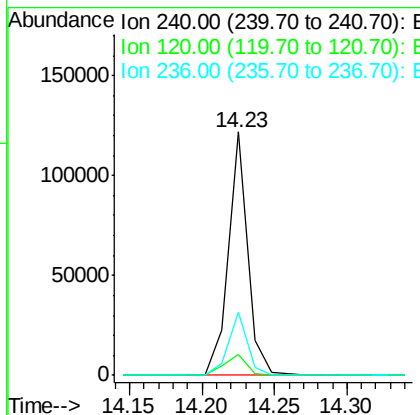
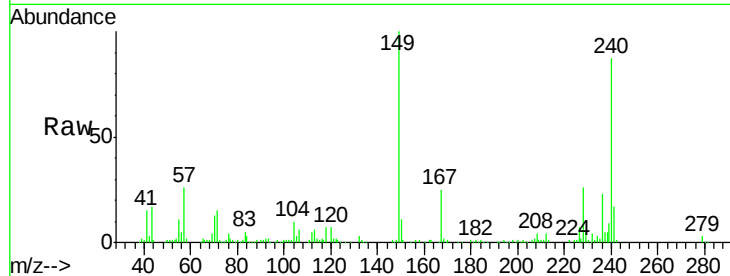
ClientSampleId :

PB84616BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	113004		
120	8.5	9.9	14.9#	
236	26.0	19.1	28.7	

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#76

Benzidine

Concen: 108.21 ng

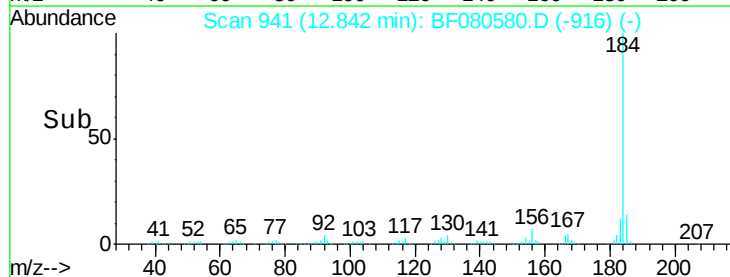
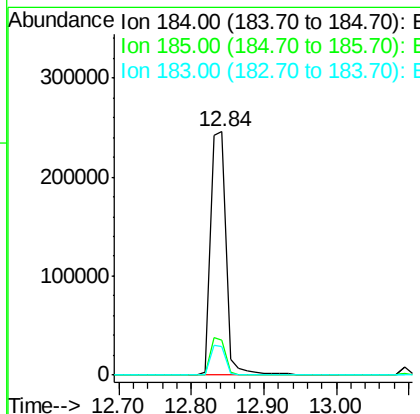
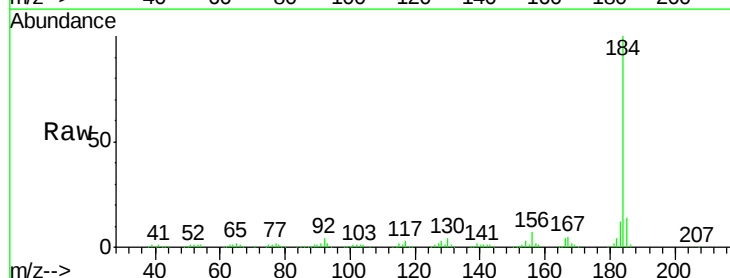
RT: 12.84 min Scan# 941

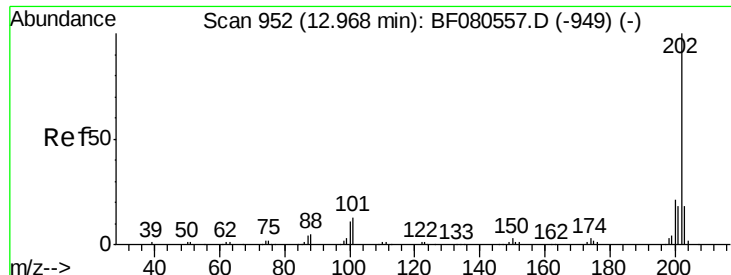
Delta R.T. -0.01 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	363583		
185	14.4	11.2	16.8	
183	11.6	9.6	14.4	





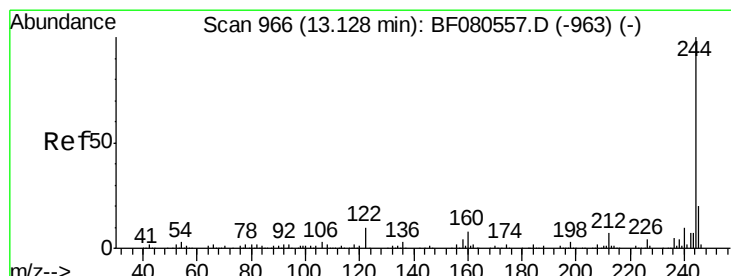
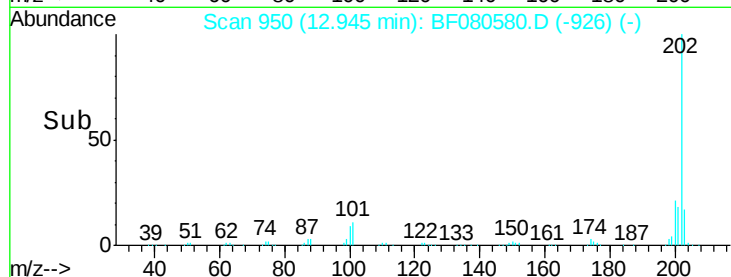
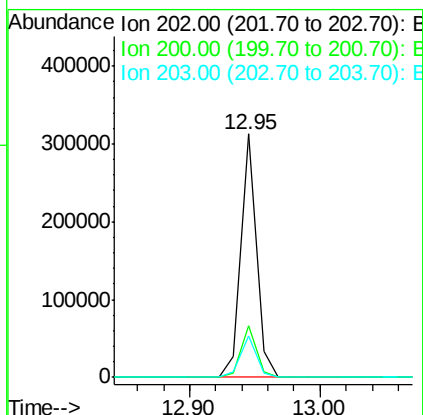
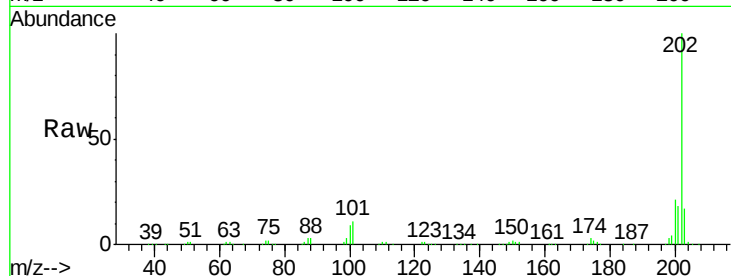
#77
 Pyrene
 Concen: 33.50 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.4	16.9	25.3
203	16.8	14.5	21.7

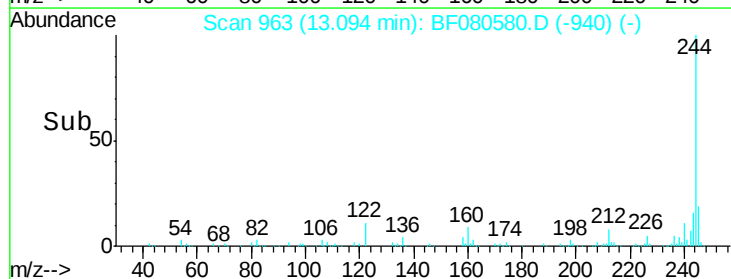
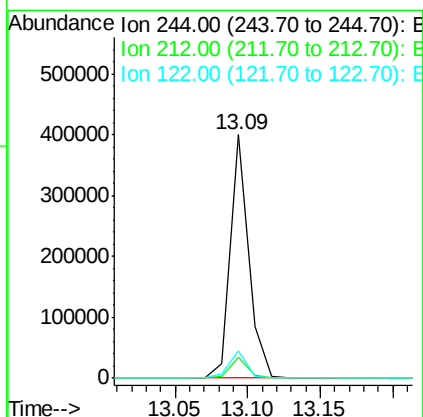
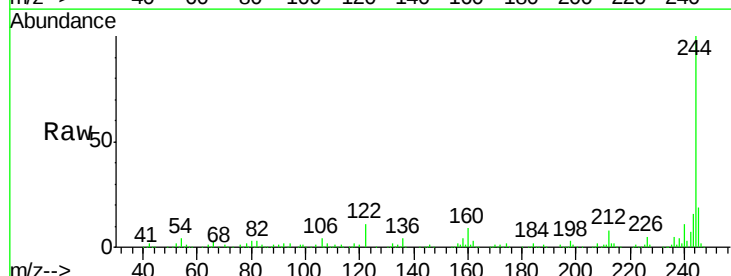
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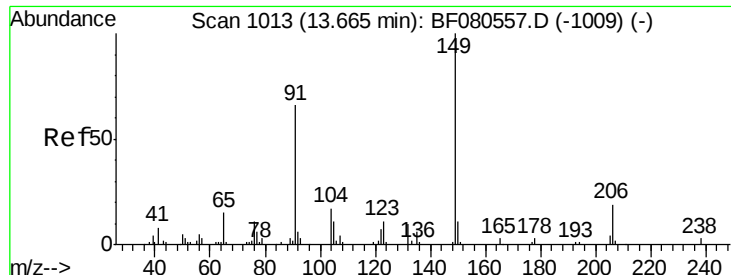
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#78
 Terphenyl-d14
 Concen: 63.58 ng
 RT: 13.09 min Scan# 963
 Delta R.T. -0.03 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.4	6.0	9.0
122	11.0	8.2	12.2





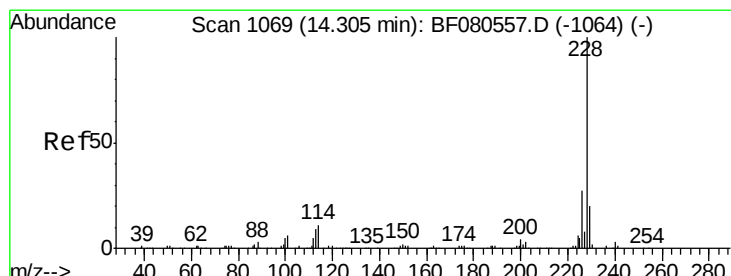
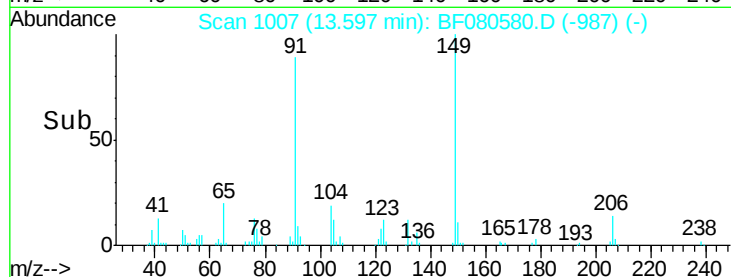
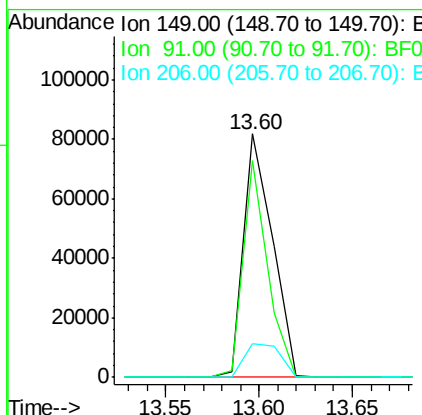
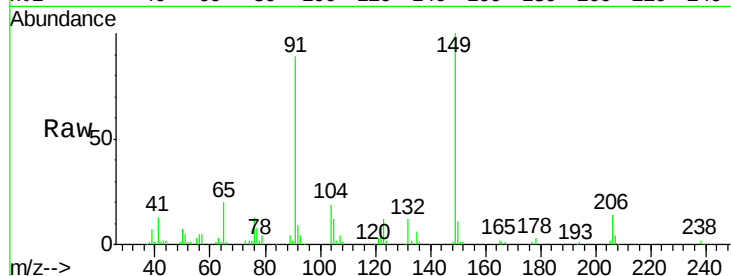
#79
Butylbenzylphthalate
Concen: 37.80 ng
RT: 13.60 min Scan# 1007
Delta R.T. -0.07 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampled :
PB84616BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	88.8	53.0	79.6#
206	13.7	15.0	22.6#

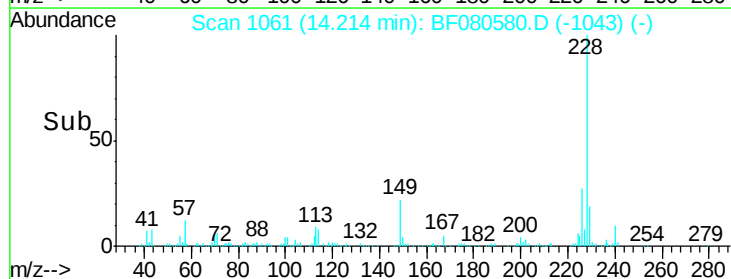
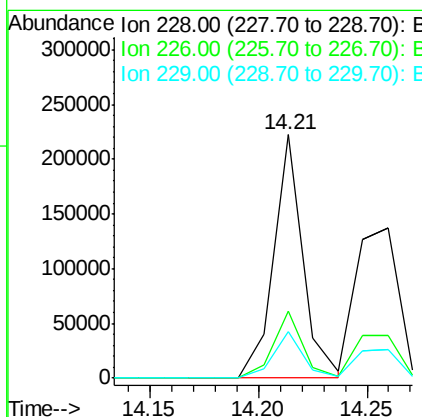
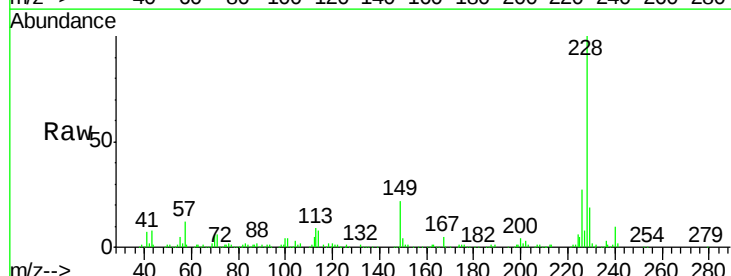
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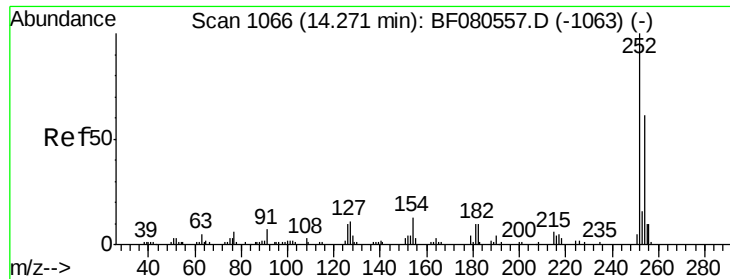
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#80
Benzo(a)anthracene
Concen: 32.70 ng
RT: 14.21 min Scan# 1061
Delta R.T. -0.09 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.5	22.0	33.0
229	19.3	15.7	23.5





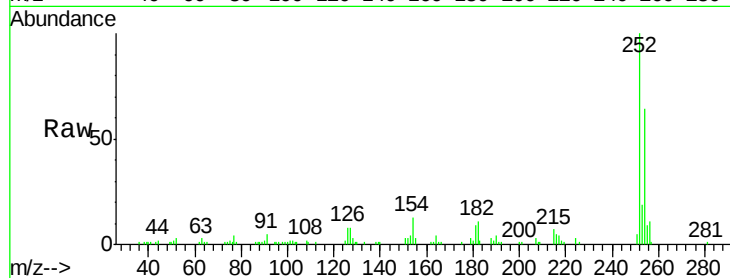
#81
 3,3'-Dichlorobenzidine
 Concen: 27.37 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.09 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

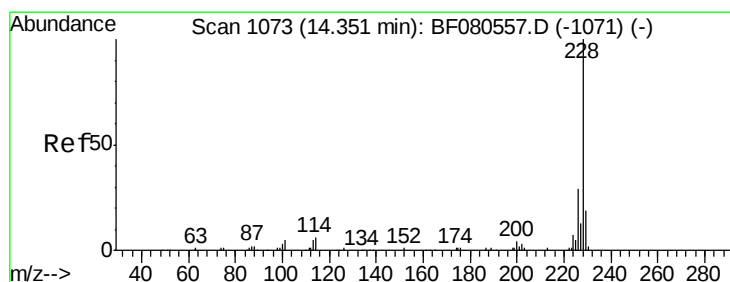
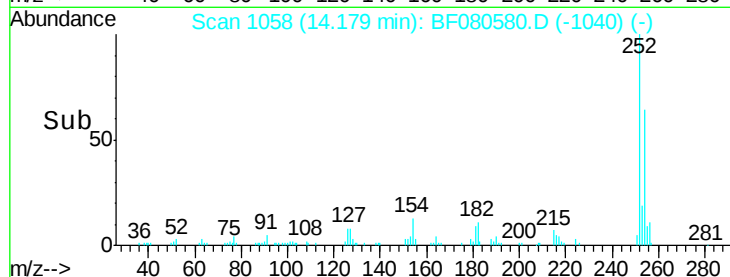
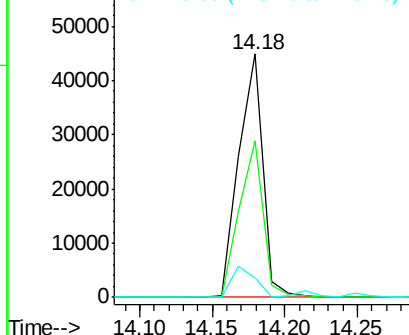
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.5	49.2	73.8
126	7.8	8.1	12.1

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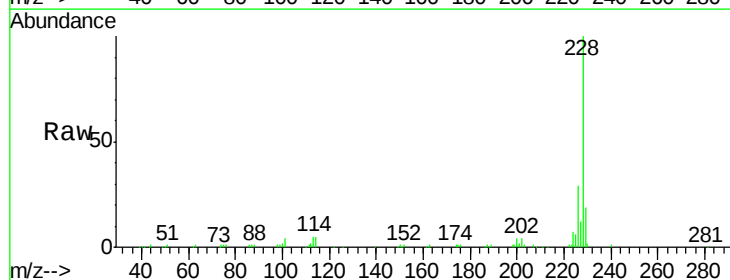


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

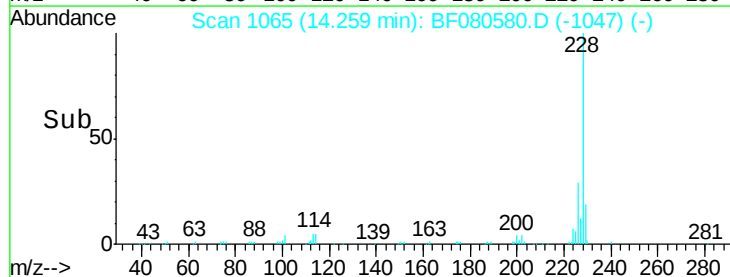
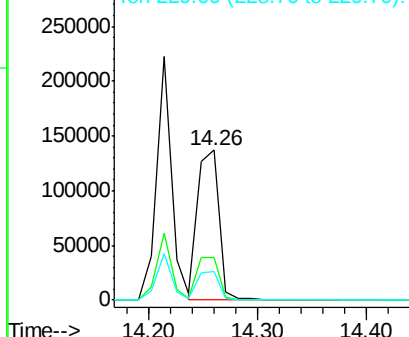


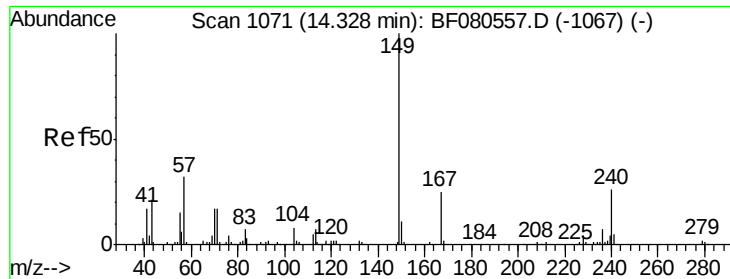
#82
 Chrysene
 Concen: 29.62 ng
 RT: 14.26 min Scan# 1065
 Delta R.T. -0.09 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.6	23.0	34.6
229	18.7	15.0	22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.76 ng

RT: 14.23 min Scan# 1062

Delta R.T. -0.10 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

Tgt Ion:149 Resp: 136153
Ion Ratio Lower Upper

149 100

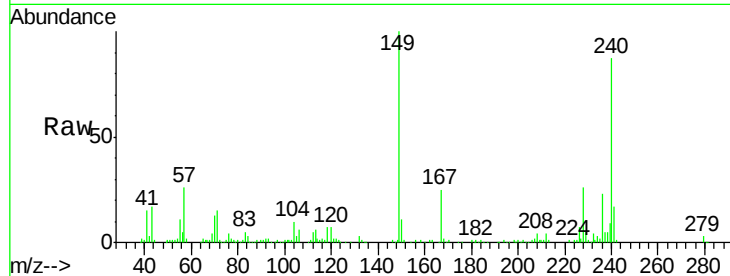
167 24.7 20.2 30.2

279 3.4 2.0 3.0#

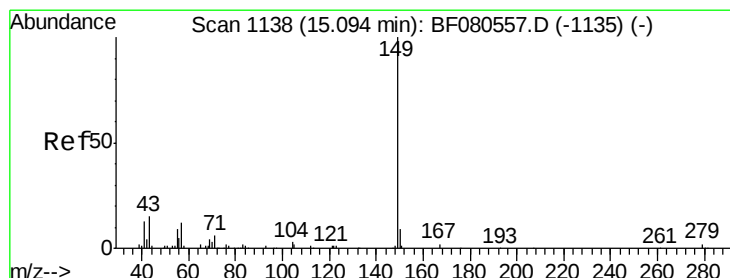
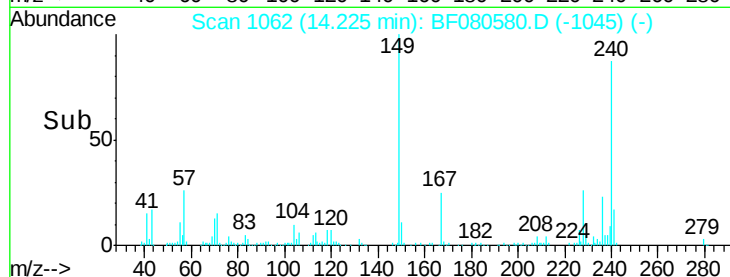
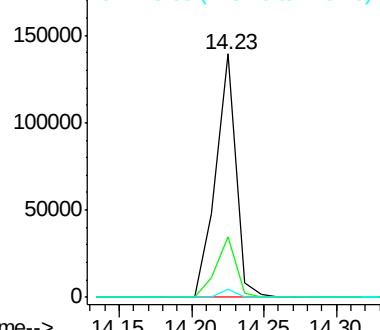
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.41 ng

RT: 14.93 min Scan# 1124

Delta R.T. -0.16 min

Lab File: BF080580.D

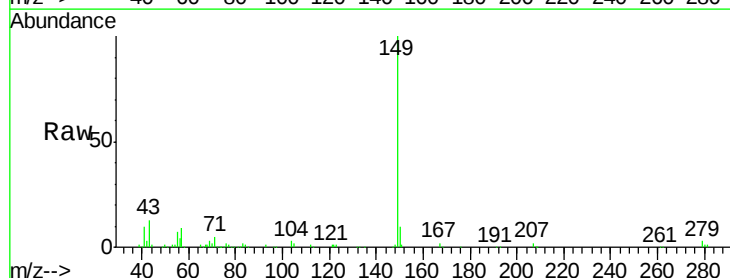
Acq: 23 Jul 2015 4:00

Tgt Ion:149 Resp: 185368
Ion Ratio Lower Upper

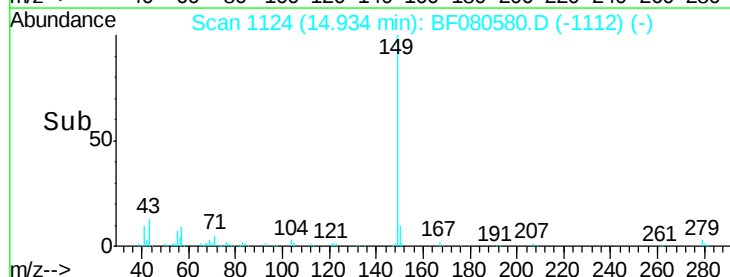
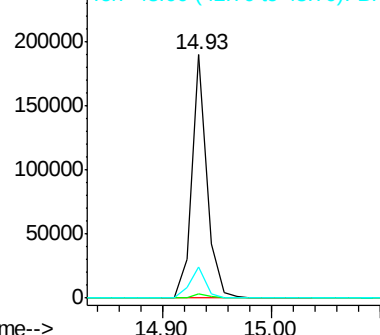
149 100

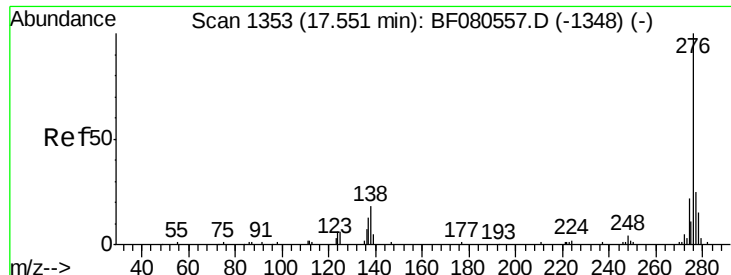
167 1.7 1.2 1.8

43 13.5 12.5 18.7



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





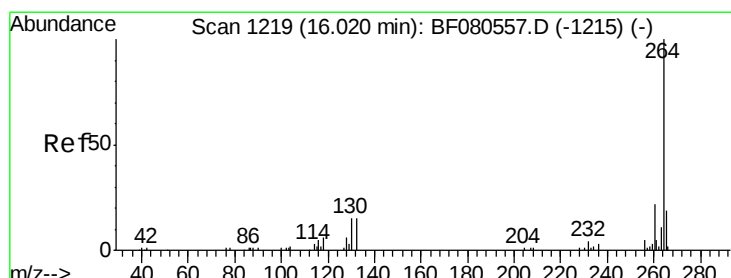
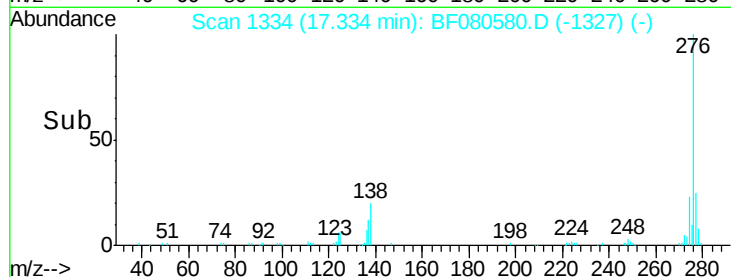
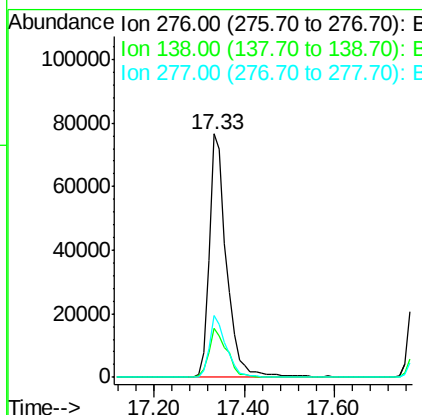
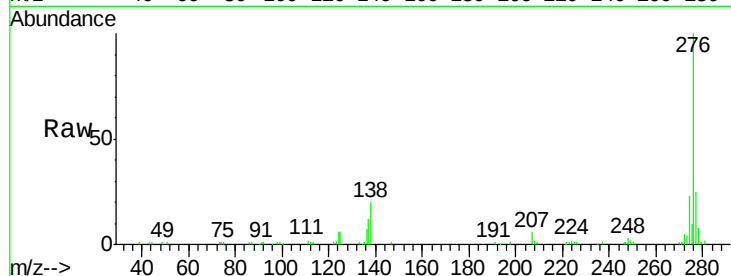
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.70 ng
RT: 17.33 min Scan# 1334
Delta R.T. -0.22 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampleId :
PB84616BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.8	18.9	28.3
277	24.9	19.9	29.9

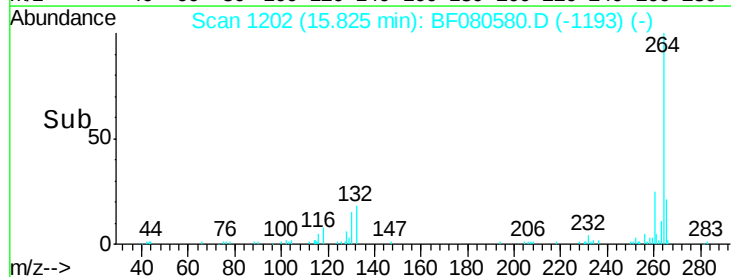
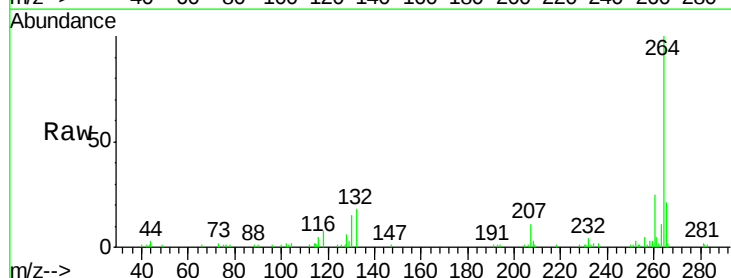
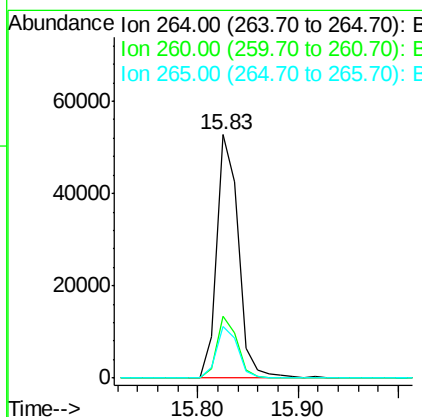
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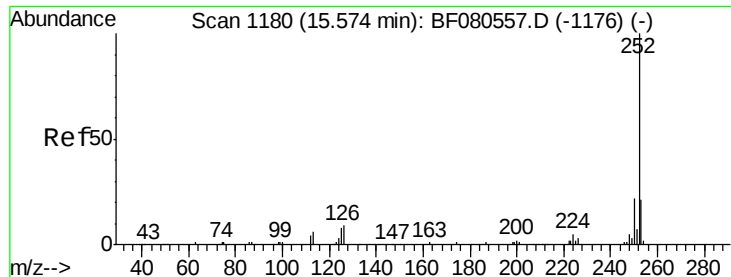
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1202
Delta R.T. -0.19 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.3	17.8	26.8
265	21.4	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 31.37 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.18 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

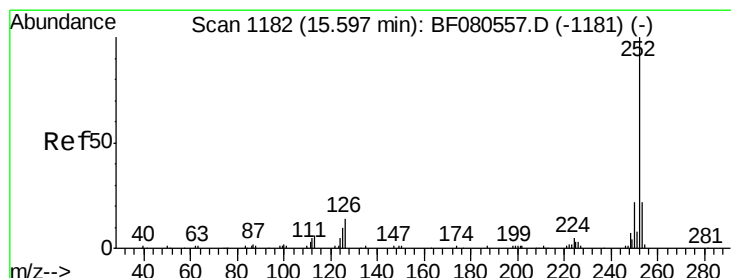
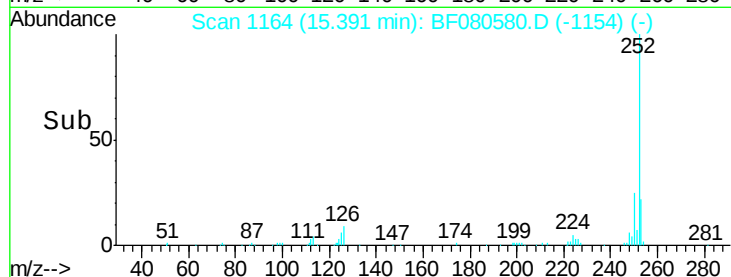
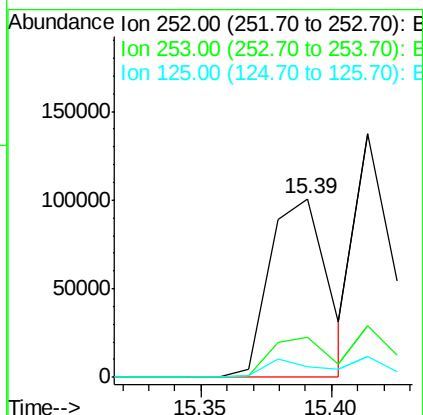
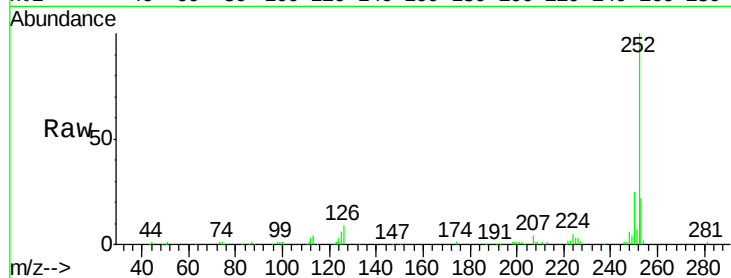
ClientSampleId :

PB84616BS

Tgt Ion:	252	Resp:	154907
Ion Ratio	Lower	Upper	
252	100		
253	22.3	16.6	25.0
125	6.1	6.1	9.1

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#88

Benzo(k)fluoranthene

Concen: 29.51 ng m

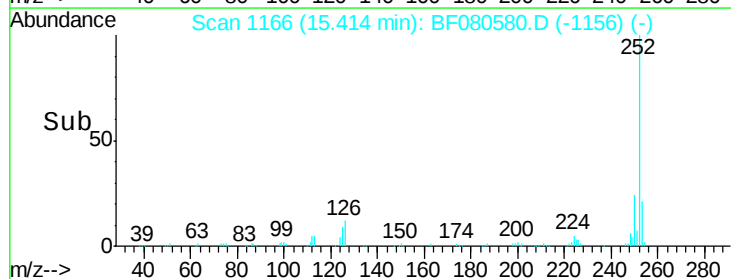
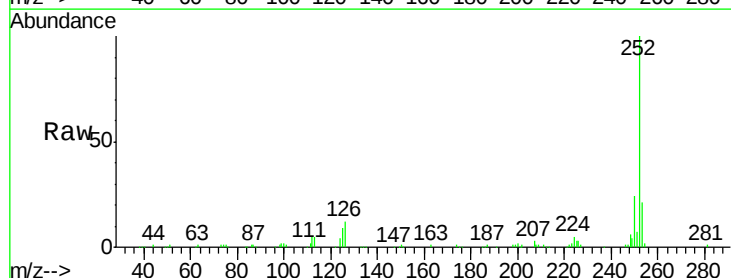
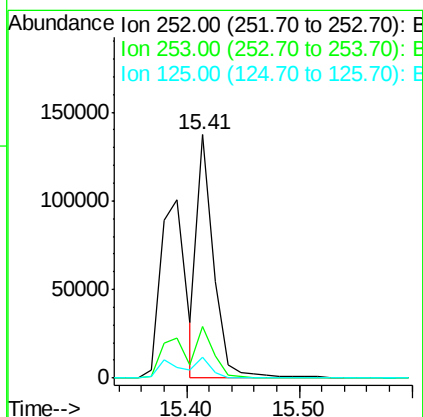
RT: 15.41 min Scan# 1166

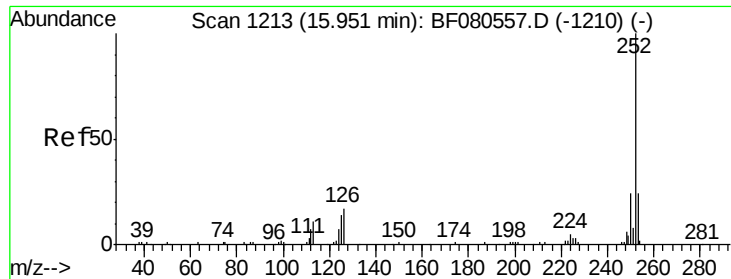
Delta R.T. -0.18 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Tgt Ion:	252	Resp:	144254
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.0	25.6
125	8.7	8.6	13.0





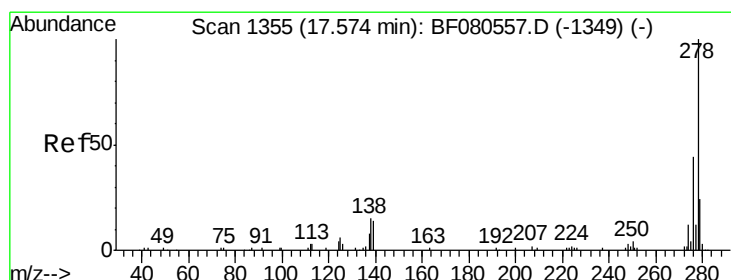
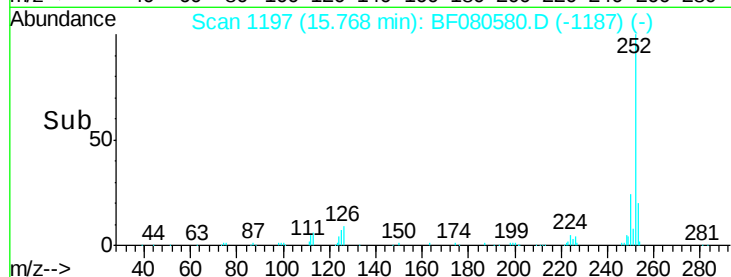
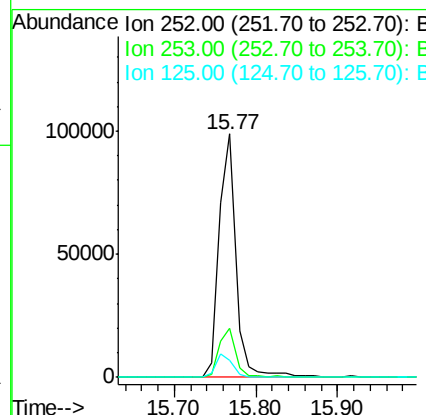
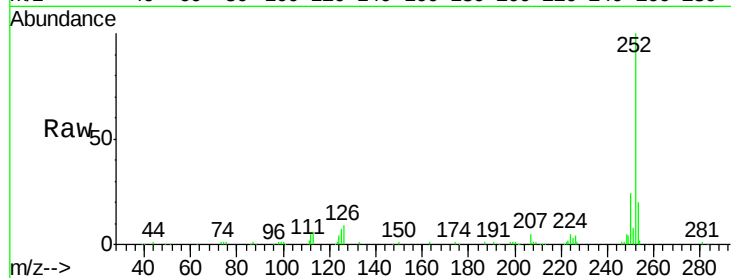
#89
Benzo(a)pyrene
Concen: 33.52 ng
RT: 15.77 min Scan# 1197
Delta R.T. -0.18 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampled :
PB84616BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.1	19.0	28.6
125	7.1	11.2	16.8

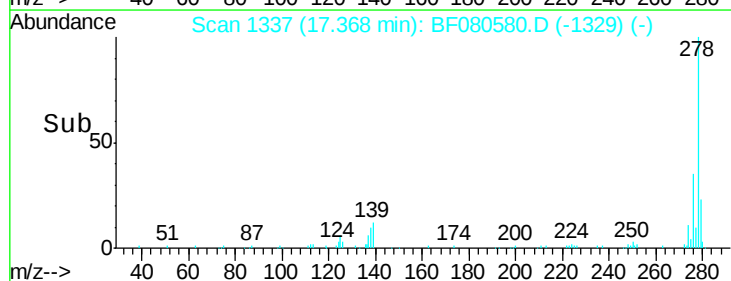
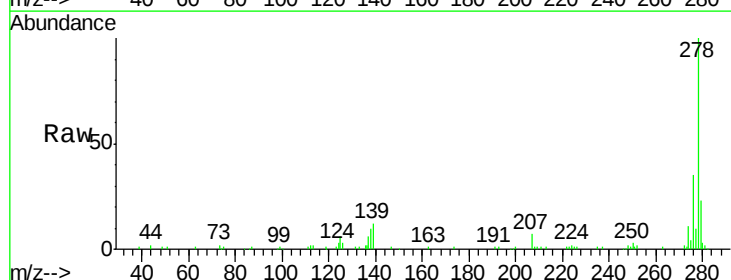
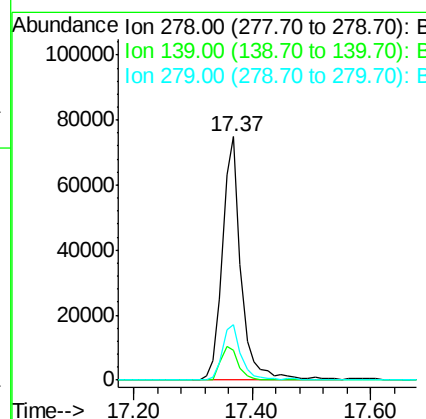
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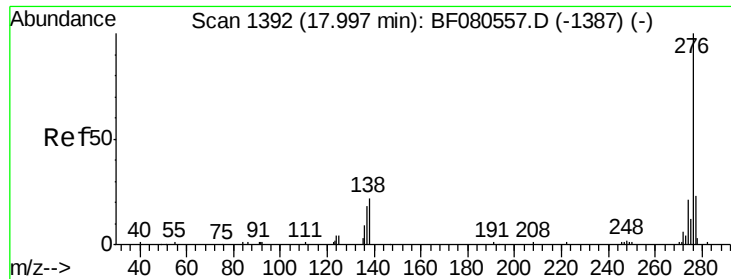
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#90
Dibenzo(a,h)anthracene
Concen: 44.82 ng
RT: 17.37 min Scan# 1337
Delta R.T. -0.21 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	11.6	17.4
279	22.6	18.9	28.3





#91
 Benzo(g,h,i)perylene
 Concen: 53.53 ng
 RT: 17.79 min Scan# 1374
 Delta R.T. -0.21 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.3	18.0	27.0
138	18.3	17.8	26.6

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