

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071415\
 Data File : BF080482.D
 Acq On : 15 Jul 2015 9:36
 Operator : TP/UM
 Sample : PB84491BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Manual Integrations
 APPROVED

apatel
 7/16/2015 8:21:51 AM

Quant Time: Jul 15 15:53:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 15 03:58:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	22746	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	99233	20.00	ng	0.00
38) Acenaphthene-d10	10.17	164	49914	20.00	ng	-0.01
63) Phenanthrene-d10	11.67	188	100938	20.00	ng	0.00
75) Chrysene-d12	14.52	240	117641	20.00	ng	0.05
86) Perylene-d12	16.27	264	133309	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.76	112	131817	94.72	ng	0.00
7) Phenol-d6	6.76	99	171016	100.42	ng	-0.01
23) Nitrobenzene-d5	7.69	82	107444	59.27	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	41858	88.72	ng	0.00
44) 2-Fluorobiphenyl	9.48	172	224663	61.67	ng	0.00
78) Terphenyl-d14	13.30	244	278383	57.04	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	12679	22.62	ng	# 87
3) Pyridine	3.86	79	29848	24.51	ng	95
4) n-Nitrosodimethylamine	3.68	42	21277	30.15	ng	89
6) Aniline	6.80	93	53590	21.68	ng	97
8) 2-Chlorophenol	6.92	128	44014	30.15	ng	93
9) Benzaldehyde	6.68	77	14746	14.18	ng	97
10) Phenol	6.78	94	57053	29.06	ng	97
11) bis(2-Chloroethyl)ether	6.85	93	42061	28.18	ng	98
12) 1,3-Dichlorobenzene	7.06	146	47530	27.92	ng	# 86
13) 1,4-Dichlorobenzene	7.14	146	53209	28.75	ng	97
14) 1,2-Dichlorobenzene	7.30	146	50123	28.01	ng	98
15) Benzyl Alcohol	7.28	79	34463	28.28	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.39	45	74247	30.69	ng	77
17) 2-Methylphenol	7.39	107	34524	29.22	ng	# 91
18) Hexachloroethane	7.64	117	16694	27.38	ng	# 86
19) n-Nitroso-di-n-propylamine	7.53	70	30581	26.51	ng	97
20) 3+4-Methylphenols	7.54	107	51891	30.99	ng	89
22) Acetophenone	7.53	105	64317	27.62	ng	# 97
24) Nitrobenzene	7.71	77	50661	25.35	ng	97
25) Isophorone	7.94	82	93376	27.90	ng	# 95
26) 2-Nitrophenol	8.03	139	22676	26.16	ng	95
27) 2,4-Dimethylphenol	8.06	122	45619	28.70	ng	98
28) bis(2-Chloroethoxy)methane	8.14	93	54851	29.14	ng	99
29) 2,4-Dichlorophenol	8.27	162	40107	28.93	ng	93
30) 1,2,4-Trichlorobenzene	8.35	180	43581	25.27	ng	99
31) Naphthalene	8.43	128	140922	27.45	ng	99
32) Benzoic acid	8.16	122	22526	33.31	ng	90
33) 4-Chloroaniline	8.49	127	40089	19.62	ng	99
34) Hexachlorobutadiene	8.54	225	24160	27.65	ng	99
35) Caprolactam	8.83	113	9908	27.70	ng	# 51
36) 4-Chloro-3-methylphenol	8.97	107	41182	30.35	ng	# 77
37) 2-Methylnaphthalene	9.13	142	89942	25.72	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.29	216	42204	25.48	ng	99
40) Hexachlorocyclopentadiene	9.28	237	44926	56.70	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	25491	24.76	ng	97
43) 2,4,5-Trichlorophenol	9.45	196	29650	28.58	ng #	79
45) 1,1'-Biphenyl	9.58	154	120493	28.05	ng	97
46) 2-Chloronaphthalene	9.62	162	84299	23.89	ng	96
47) 2-Nitroaniline	9.72	65	26717	26.25	ng	92
48) Acenaphthylene	10.03	152	145161	27.20	ng	99
49) Dimethylphthalate	9.88	163	116787	29.56	ng	99
50) 2,6-Dinitrotoluene	9.95	165	23418	27.54	ng #	85
51) Acenaphthene	10.20	154	98474	30.34	ng	98
52) 3-Nitroaniline	10.13	138	19412	21.21	ng	91
53) 2,4-Dinitrophenol	10.22	184	21567	63.08	ng #	54
54) Dibenzofuran	10.37	168	130067	28.41	ng	96
55) 4-Nitrophenol	10.30	139	32059	49.46	ng	90
56) 2,4-Dinitrotoluene	10.35	165	29559	30.68	ng #	36
57) Fluorene	10.72	166	103064	28.00	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.50	232	26720	31.80	ng	94
59) Diethylphthalate	10.58	149	113940	29.14	ng	98
60) 4-Chlorophenyl-phenylether	10.70	204	51142	29.63	ng	91
61) 4-Nitroaniline	10.75	138	22288	26.84	ng	92
62) Azobenzene	10.87	77	113596	30.40	ng	96
64) 4,6-Dinitro-2-methylphenol	10.76	198	15529	32.08	ng #	75
65) n-Nitrosodiphenylamine	10.82	169	85403	26.05	ng	99
66) 4-Bromophenyl-phenylether	11.20	248	30468	30.27	ng #	84
67) Hexachlorobenzene	11.28	284	29323	26.77	ng #	94
68) Atrazine	11.35	200	29866	31.27	ng	96
69) Pentachlorophenol	11.47	266	31143	61.72	ng	98
70) Phenanthrene	11.69	178	170766	29.11	ng	99
71) Anthracene	11.73	178	157680	28.59	ng	99
72) Carbazole	11.91	167	141648	28.35	ng	99
73) Di-n-butylphthalate	12.21	149	157509	29.71	ng #	96
74) Fluoranthene	12.91	202	177928	30.76	ng	96
76) Benzidine	13.05	184	100919	28.95	ng	99
77) Pyrene	13.16	202	185446	26.78	ng	99
79) Butylbenzylphthalate	13.83	149	72752	28.76	ng #	86
80) Benzo(a)anthracene	14.51	228	192927	28.14	ng	99
81) 3,3'-Dichlorobenzidine	14.47	252	45956	21.21	ng	97
82) Chrysene	14.56	228	180481	27.54	ng	100
83) Bis(2-ethylhexyl)phthalate	14.48	149	107354	29.21	ng	100
84) Di-n-octyl phthalate	15.23	149	188658	28.58	ng	99
85) Indeno(1,2,3-cd)pyrene	17.91	276	261504	28.09	ng	100
87) Benzo(b)fluoranthene	15.78	252	231992	30.46	ng	97
88) Benzo(k)fluoranthene	15.81	252	178387m	24.25	ng	
89) Benzo(a)pyrene	16.20	252	212423	28.32	ng #	94
90) Dibenzo(a,h)anthracene	17.92	278	218486	25.68	ng	99
91) Benzo(g,h,i)perylene	18.41	276	216202	24.28	ng	99

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

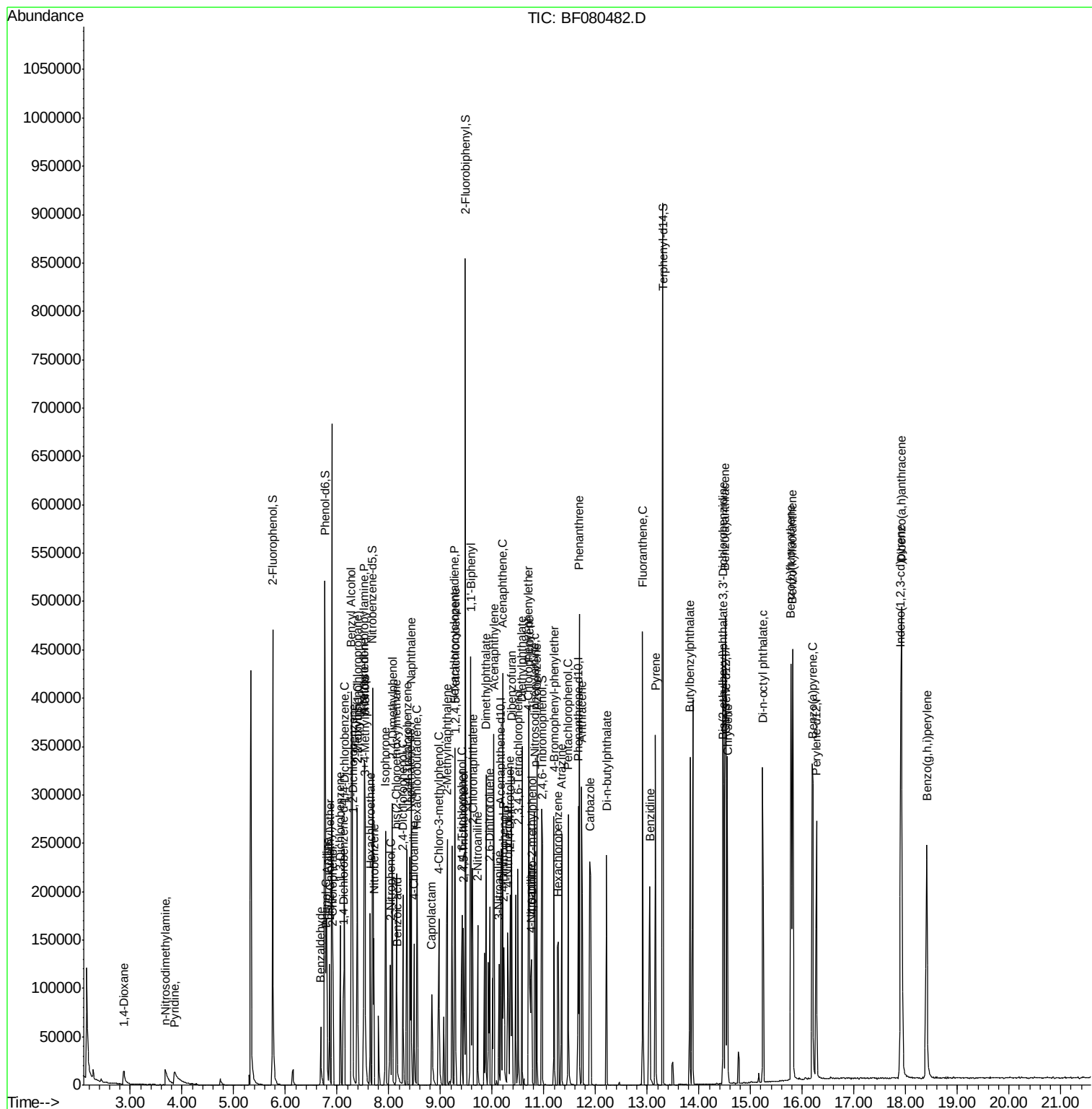
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ALS Vial  : 15    Sample Multiplier: 1
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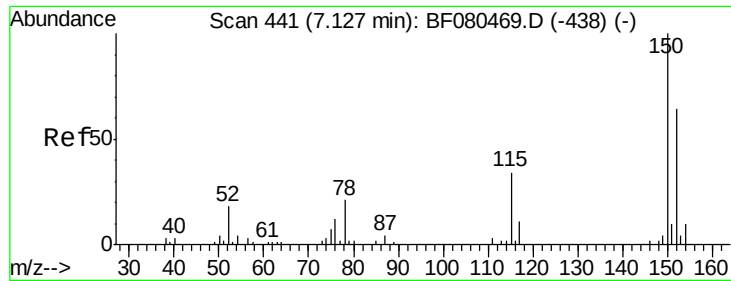
Instrument :
BNA_F
ClientSampleId :
PB84491BS

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#1

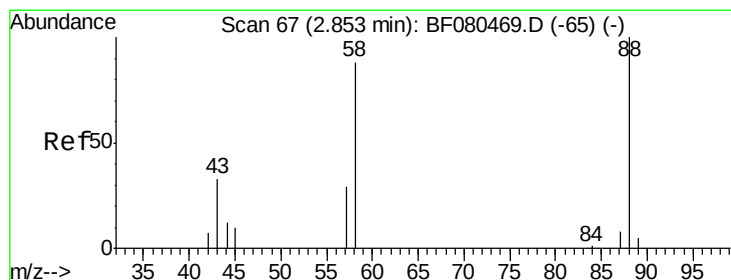
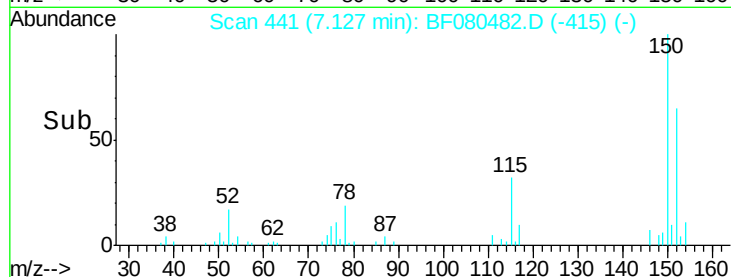
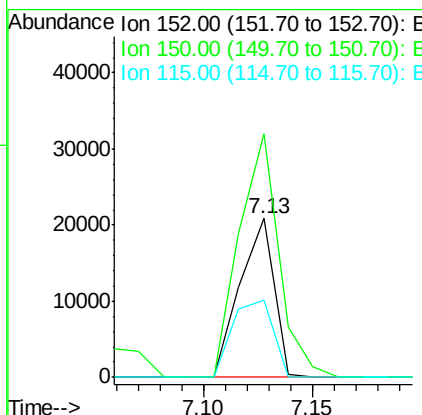
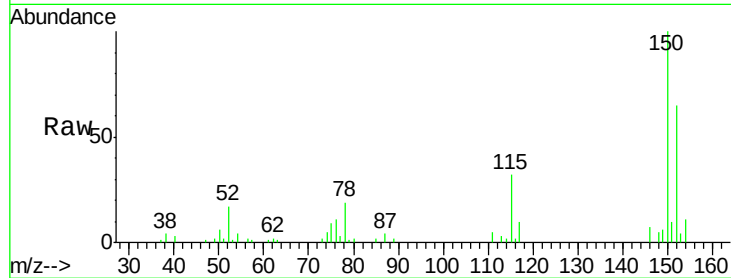
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.5	188.3
115	48.8	42.9	64.3

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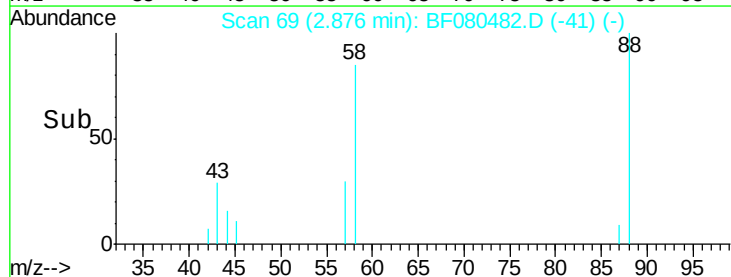
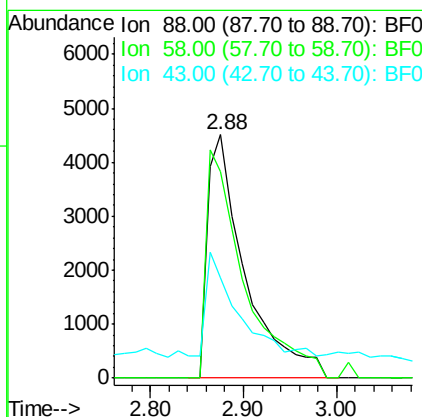
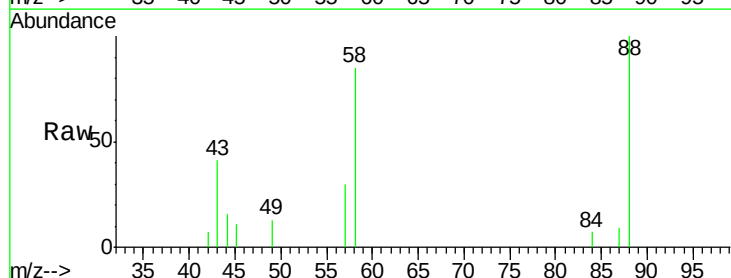
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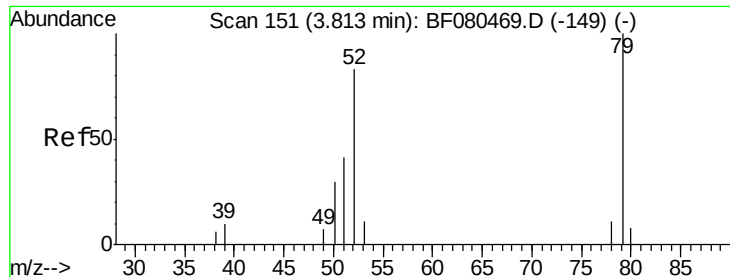


#2

1,4-Dioxane
Concen: 22.62 ng
RT: 2.88 min Scan# 69
Delta R.T. 0.02 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.8	67.3	100.9
43	38.2	23.8	35.8





#3

Pyridine

Concen: 24.51 ng

RT: 3.86 min Scan# 155

Delta R.T. 0.05 min

Lab File: BF080482.D

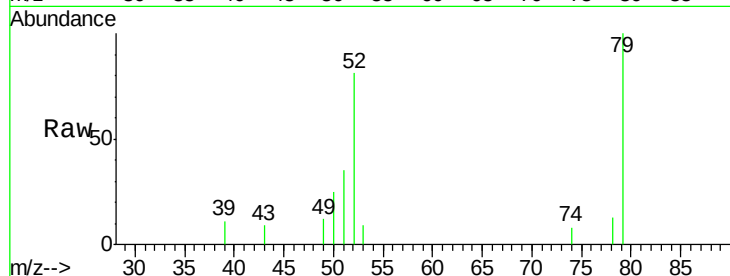
Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

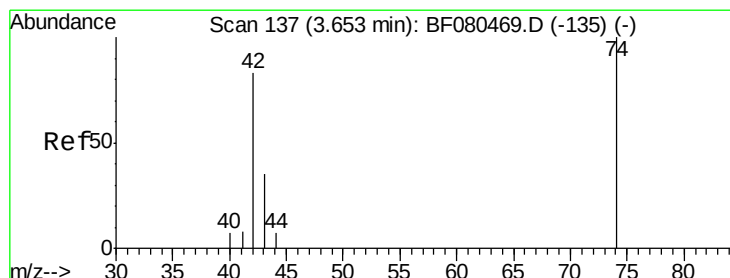
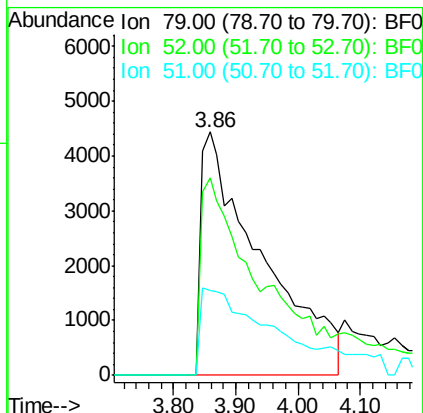
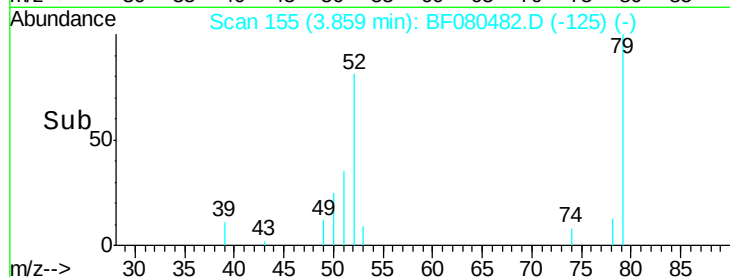
PB84491BS



Tgt Ion:	79	Resp:	29848
Ion Ratio	Lower	Upper	
79	100		
52	81.1	66.6	99.8
51	35.0	32.5	48.7

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#4

n-Nitrosodimethylamine

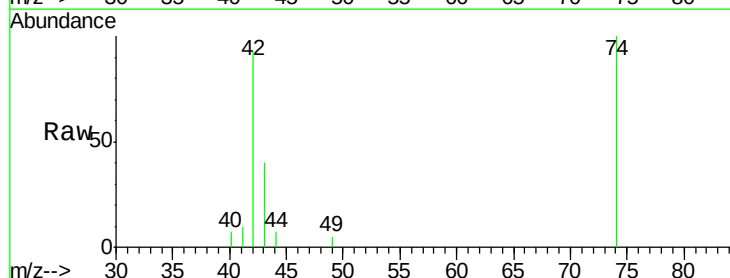
Concen: 30.15 ng

RT: 3.68 min Scan# 139

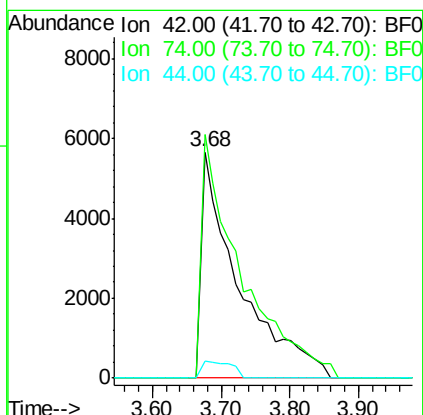
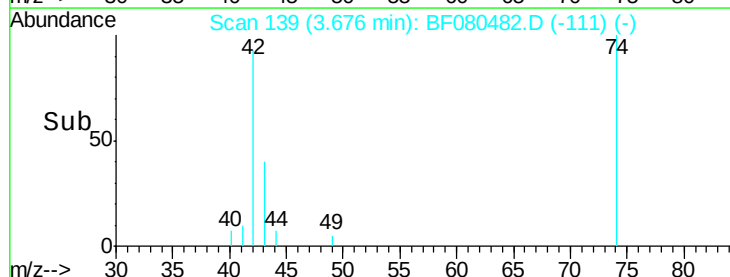
Delta R.T. 0.02 min

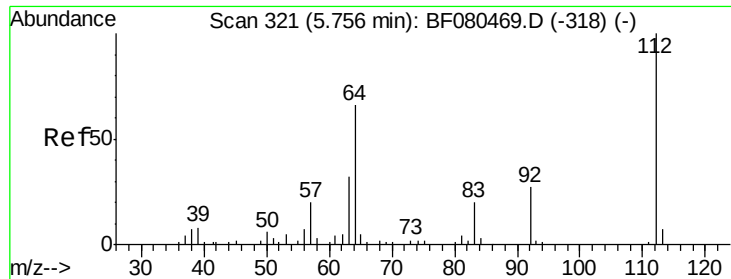
Lab File: BF080482.D

Acq: 15 Jul 2015 9:36



Tgt Ion:	42	Resp:	21277
Ion Ratio	Lower	Upper	
42	100		
74	107.9	96.6	144.8
44	7.6	7.0	10.4





#5

2-Fluorophenol

Concen: 94.72 ng

RT: 5.76 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

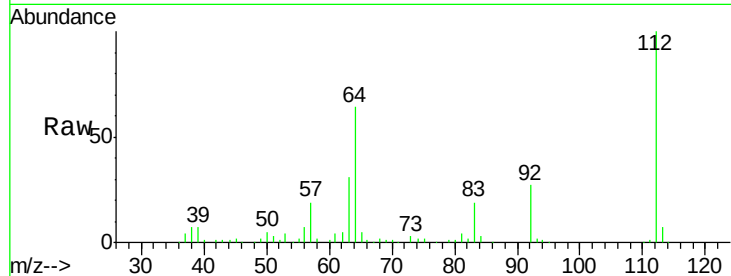
ClientSampleId :

PB84491BS

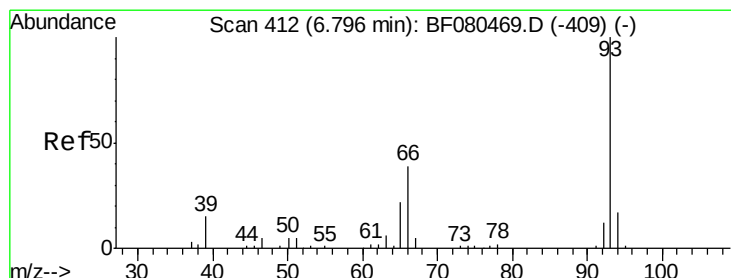
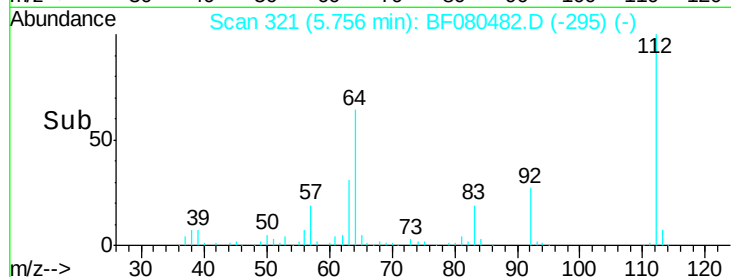
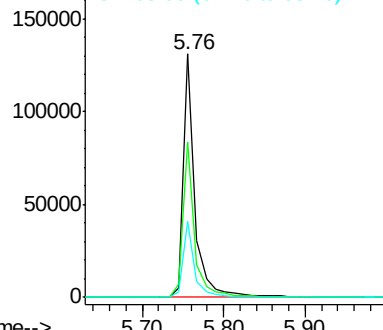
Tgt Ion:	112	Resp:	131817
Ion Ratio	Lower	Upper	
112	100		
64	63.6	52.6	79.0
63	31.2	25.9	38.9

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Abundance Ion 112.00 (111.70 to 112.70): BF080469.D (-318) (-)



#6

Aniline

Concen: 21.68 ng

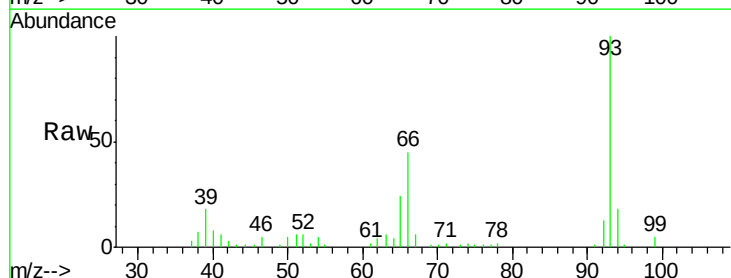
RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

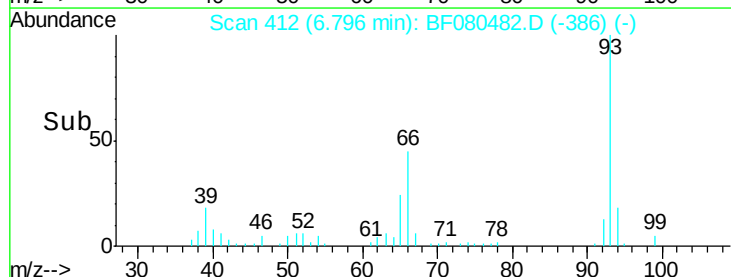
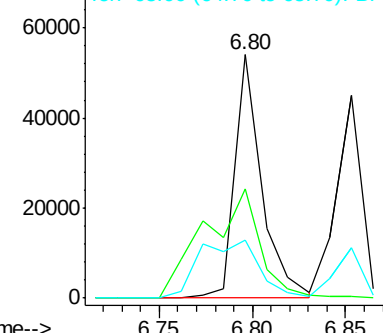
Lab File: BF080482.D

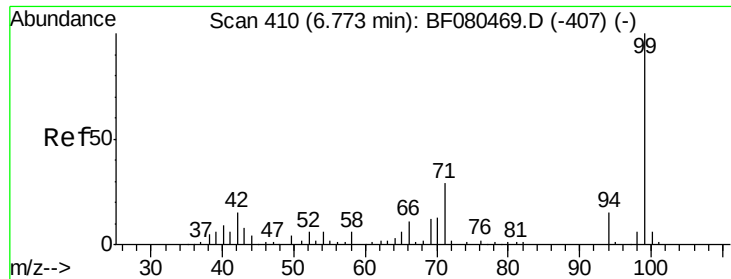
Acq: 15 Jul 2015 9:36

Tgt Ion:	93	Resp:	53590
Ion Ratio	Lower	Upper	
93	100		
66	44.8	34.5	51.7
65	24.0	18.2	27.2



Abundance Ion 93.00 (92.70 to 93.70): BF080469.D (-409) (-)





#7

Phenol-d6

Concen: 100.42 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

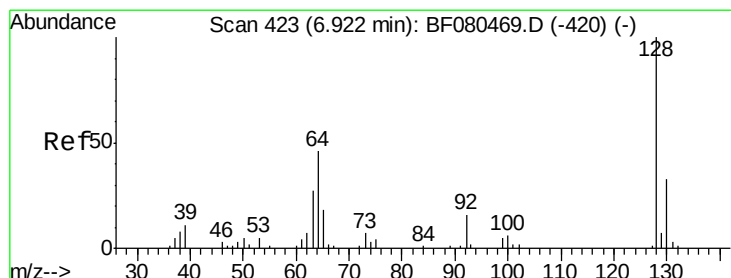
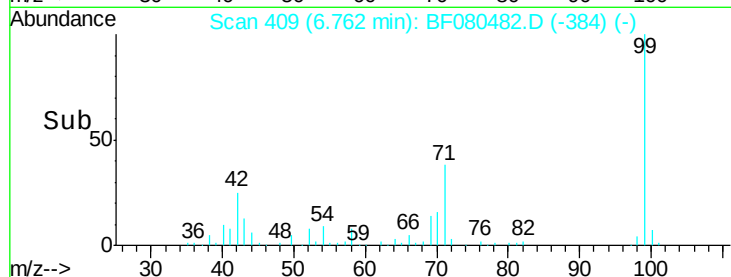
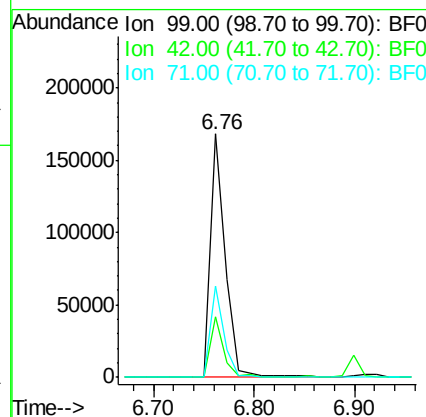
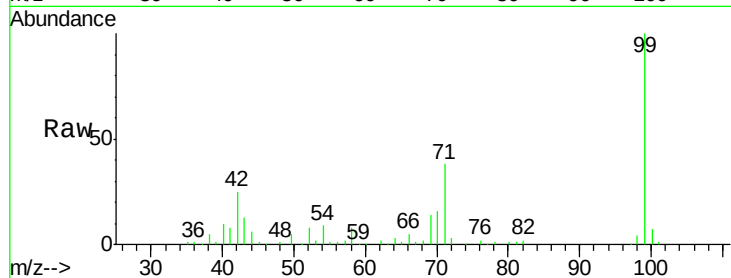
ClientSampleId :

PB84491BS

Tgt Ion:	99	Resp:	171016
Ion Ratio	Lower	Upper	
99	100		
42	24.7	12.4	18.6#
71	37.6	22.9	34.3#

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#8

2-Chlorophenol

Concen: 30.15 ng

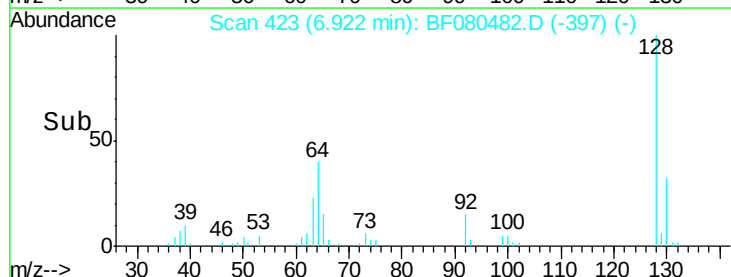
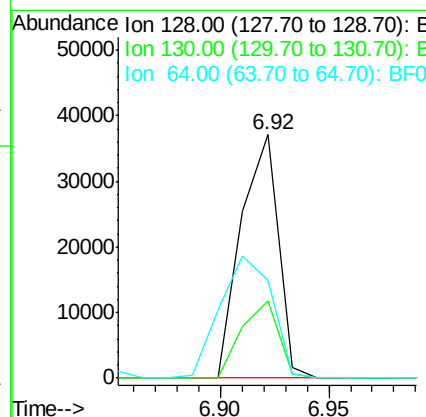
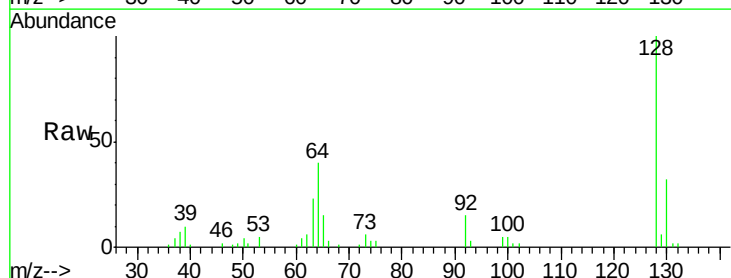
RT: 6.92 min Scan# 423

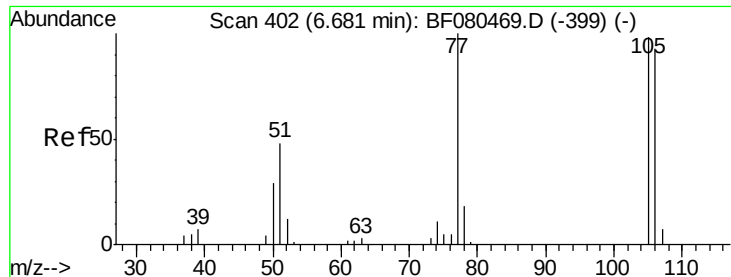
Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Tgt Ion:	128	Resp:	44014
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.5	53.5
64	40.0	26.3	66.3





#9

Benzaldehyde

Concen: 14.18 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

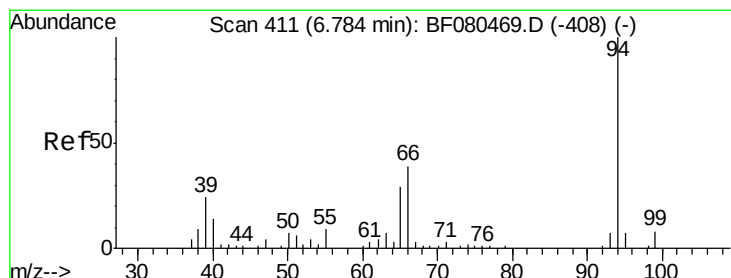
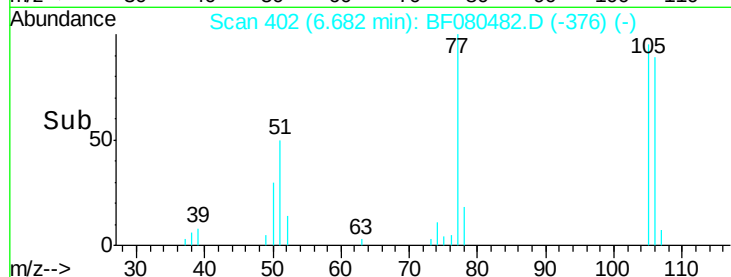
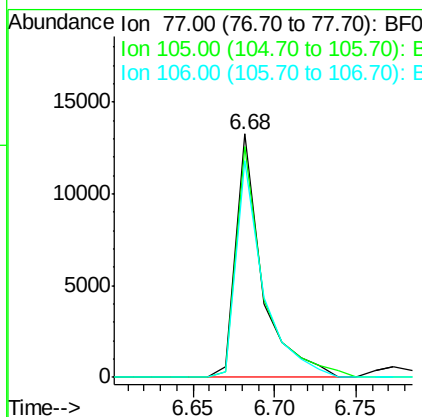
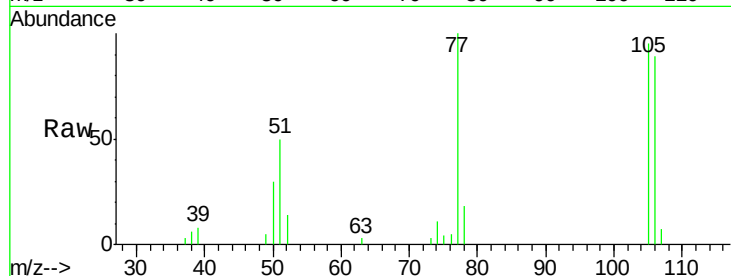
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Tgt Ion:	77	Resp:	14746
Ion	Ratio	Lower	Upper
77	100		
105	94.9	77.7	117.7
106	88.9	72.6	112.6



#10

Phenol

Concen: 29.06 ng

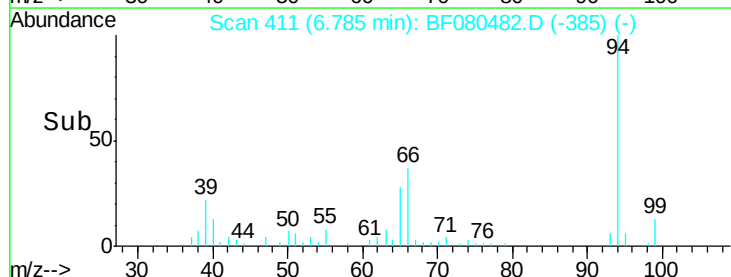
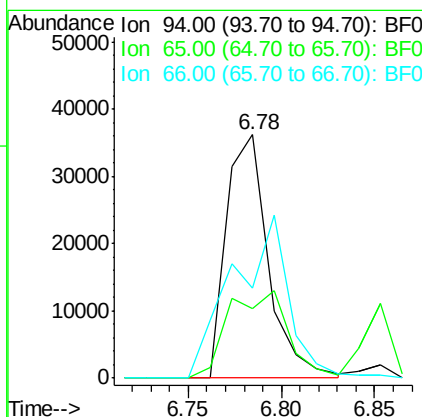
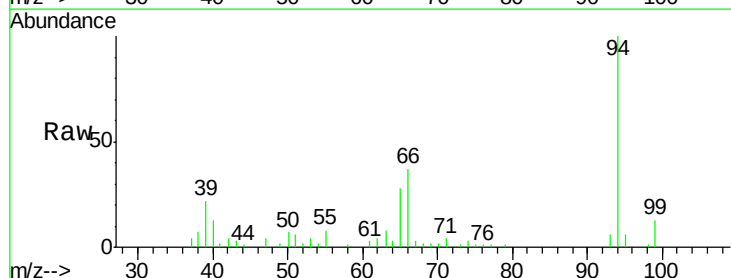
RT: 6.78 min Scan# 411

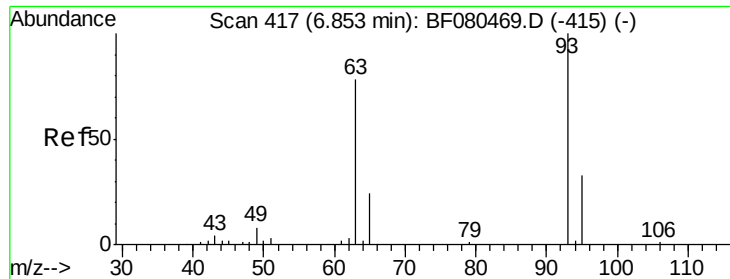
Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Tgt Ion:	94	Resp:	57053
Ion	Ratio	Lower	Upper
94	100		
65	28.5	9.3	49.3
66	36.9	19.3	59.3





#11

bis(2-Chloroethyl)ether

Concen: 28.18 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

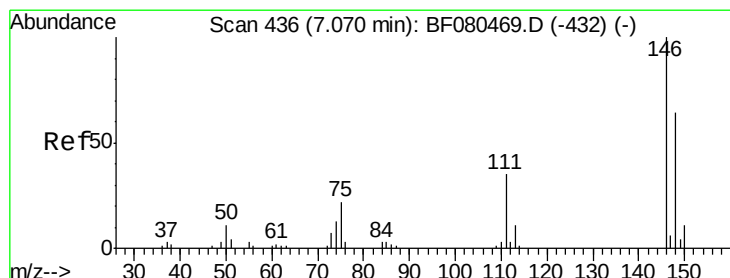
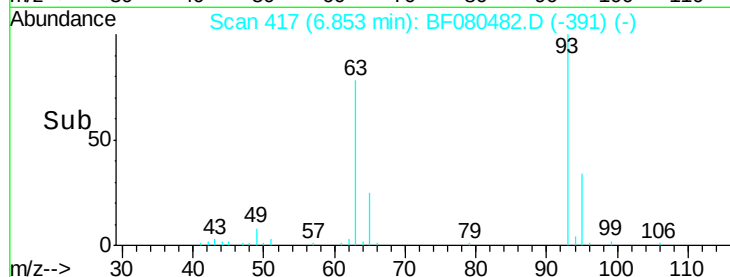
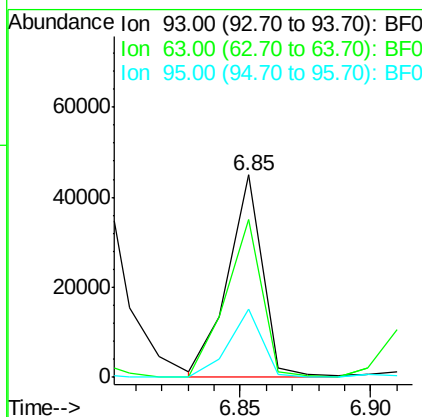
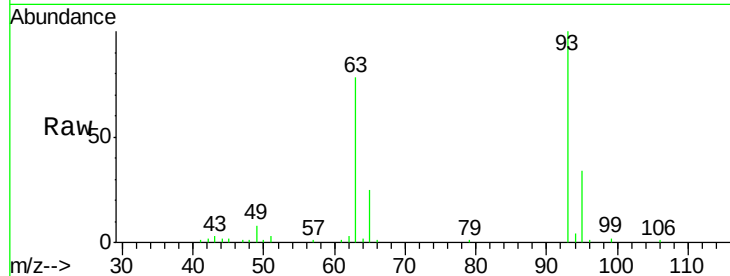
ClientSampleId :

PB84491BS

Tgt Ion:	93	Resp:	42061
Ion Ratio	Lower	Upper	
93	100		
63	78.0	56.4	96.4
95	33.9	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 27.92 ng

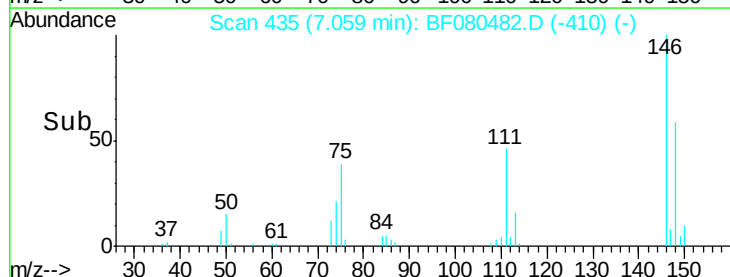
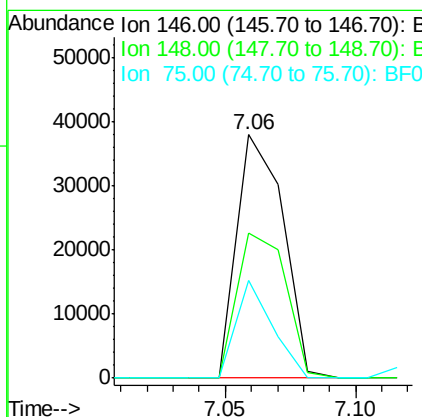
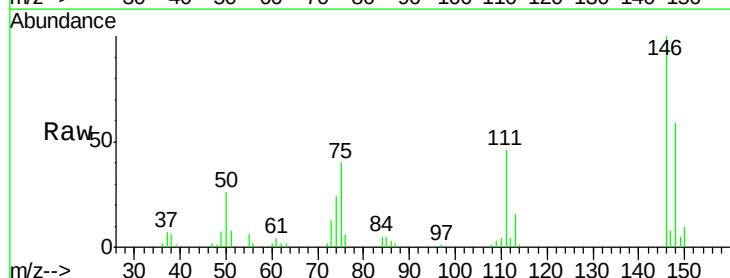
RT: 7.06 min Scan# 435

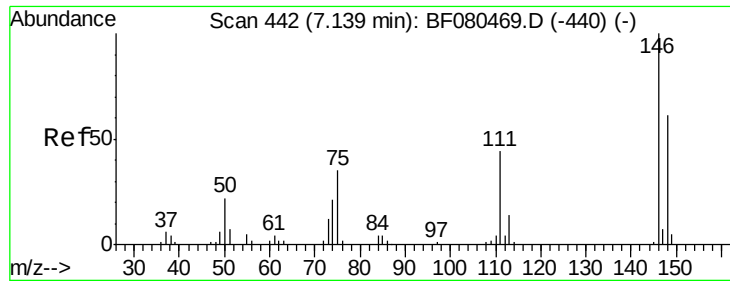
Delta R.T. -0.01 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Tgt Ion:	146	Resp:	47530
Ion Ratio	Lower	Upper	
146	100		
148	59.4	51.0	76.6
75	40.3	17.3	25.9#





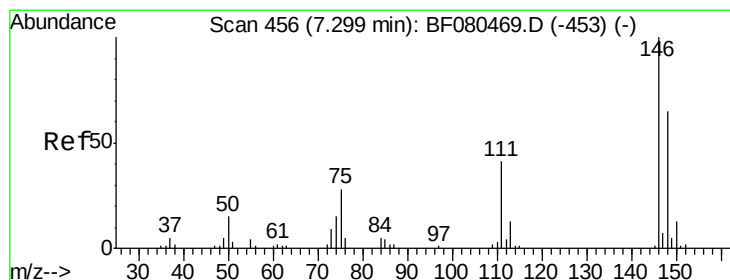
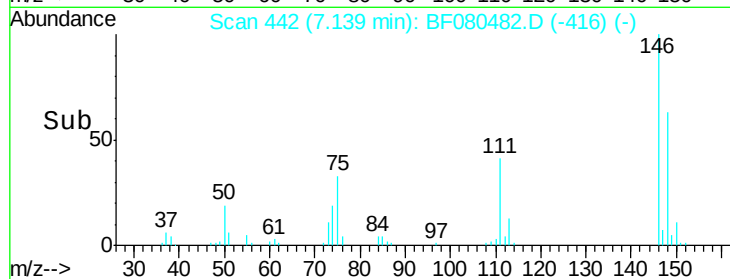
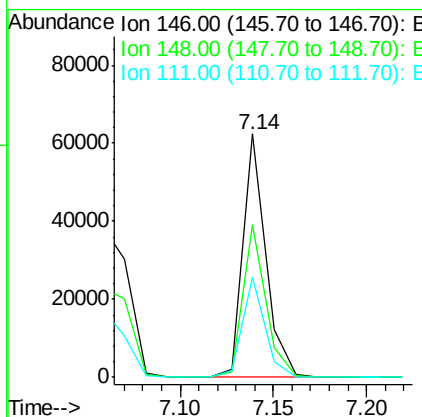
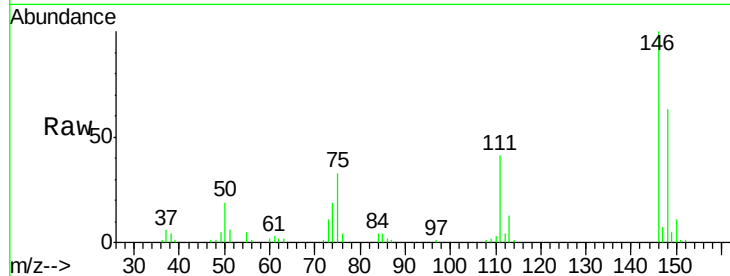
#13
 1,4-Dichlorobenzene
 Concen: 28.75 ng
 RT: 7.14 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	48.5	72.7
111	41.0	35.0	52.4

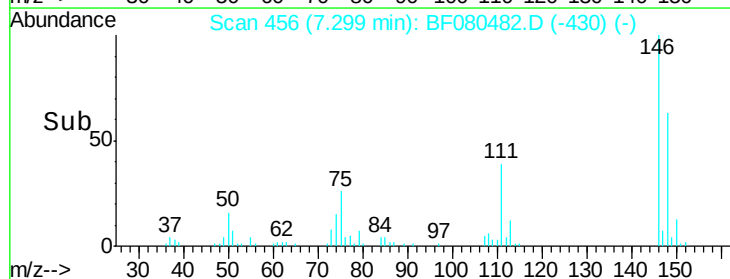
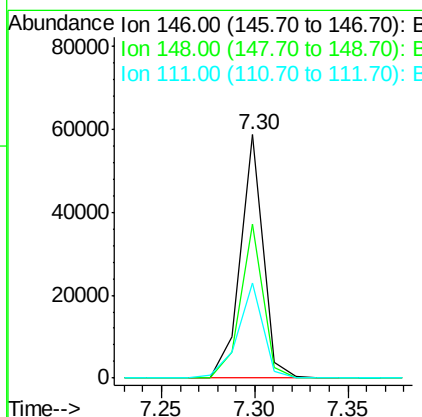
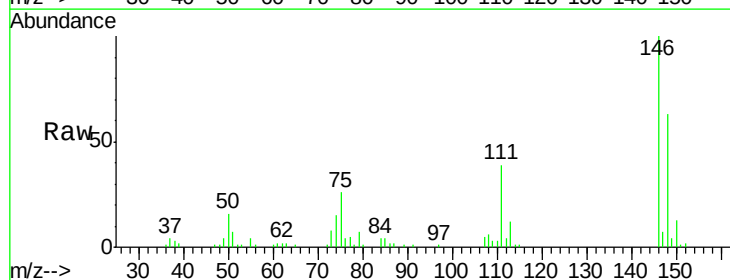
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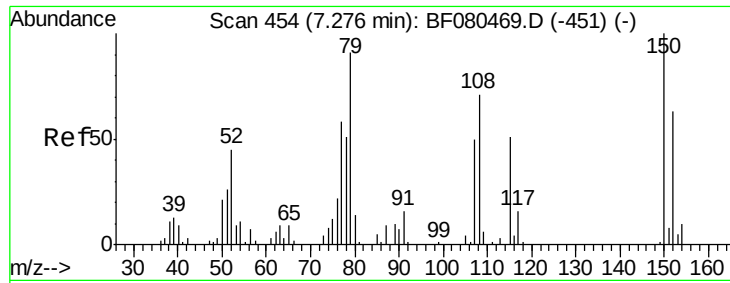
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#14
 1,2-Dichlorobenzene
 Concen: 28.01 ng
 RT: 7.30 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.7	77.5
111	39.2	32.6	49.0





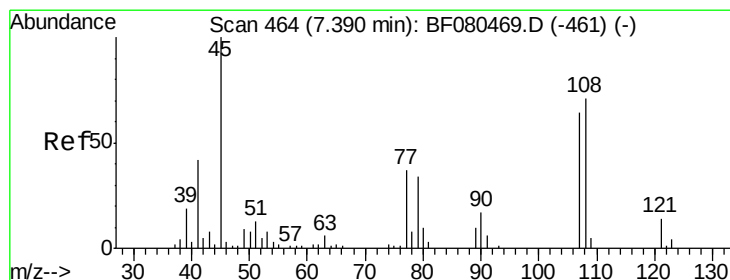
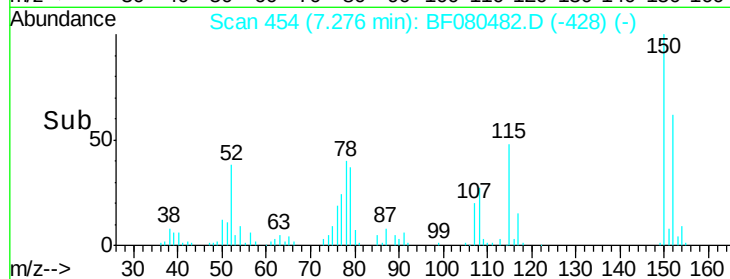
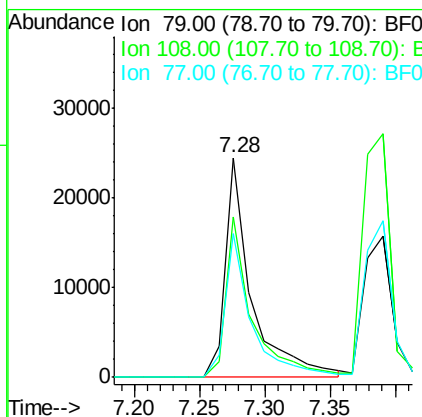
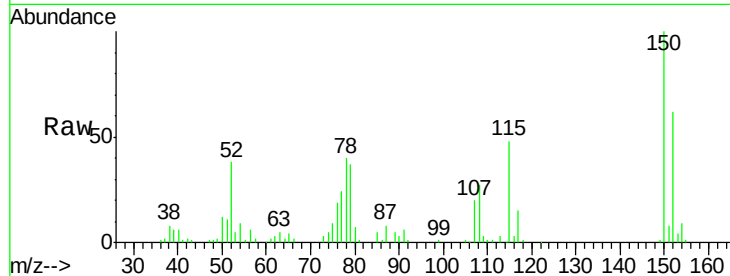
#15
Benzyl Alcohol
Concen: 28.28 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	72.9	63.0	94.4
77	65.5	51.1	76.7

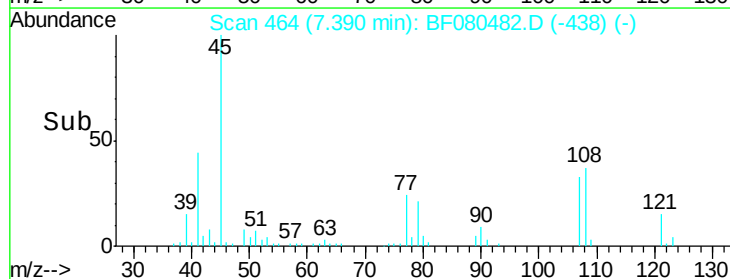
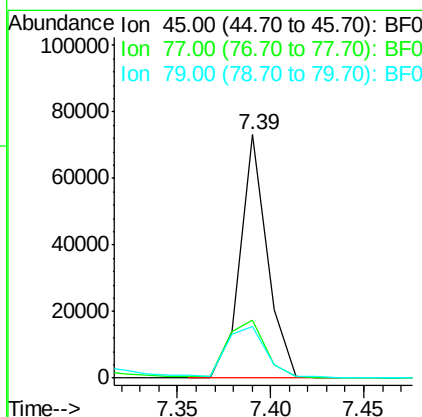
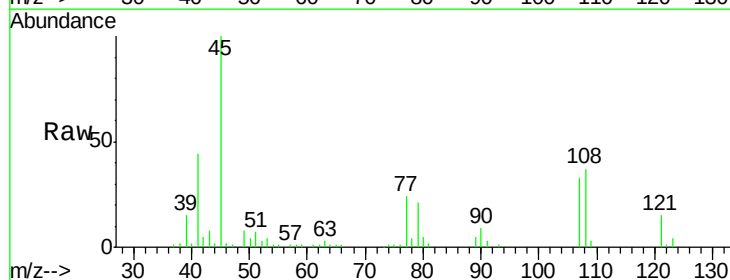
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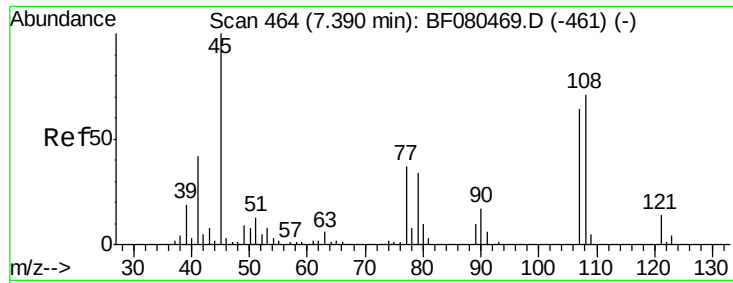
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.69 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.0	17.4	57.4
79	21.5	14.7	54.7





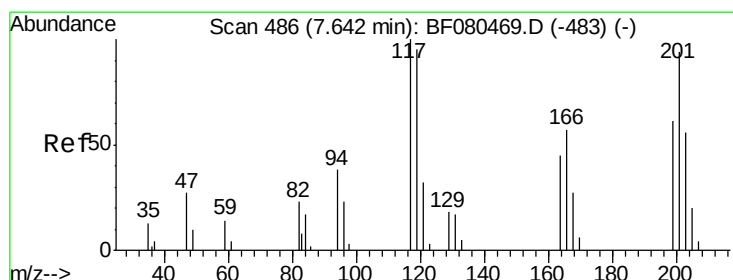
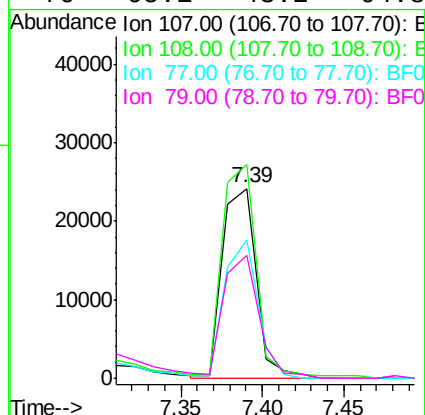
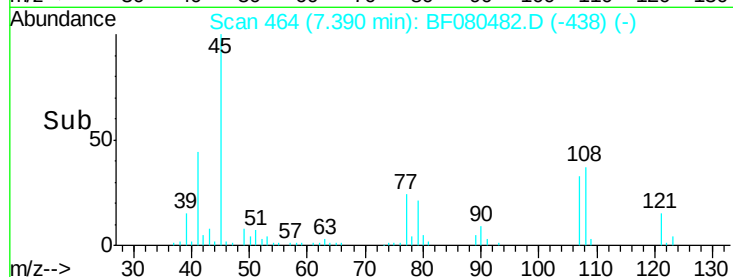
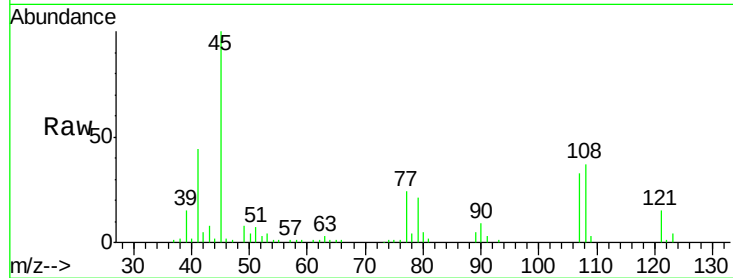
#17
2-Methylphenol
Concen: 29.22 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	34524		
108	112.7	89.0	133.4	
77	72.7	46.6	70.0	
79	65.1	43.2	64.8	

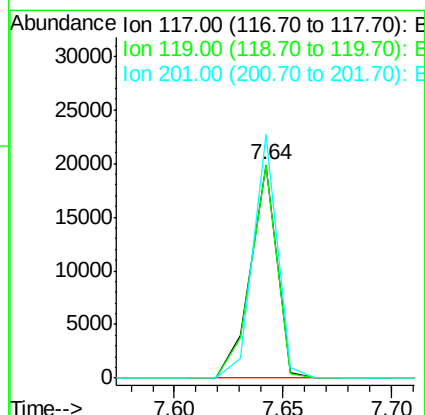
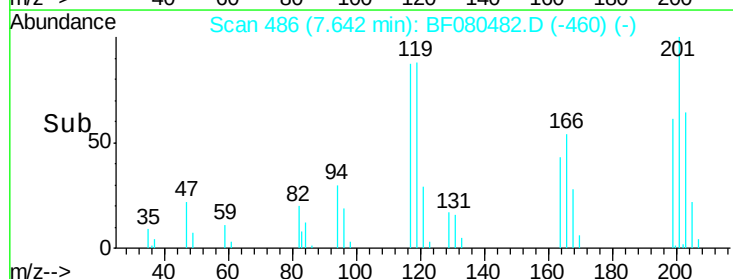
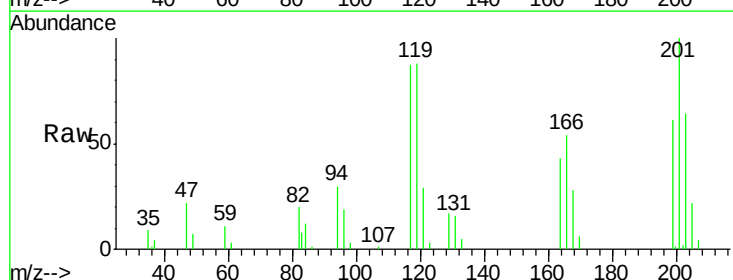
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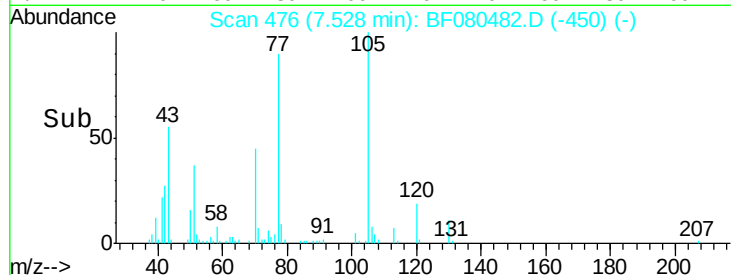
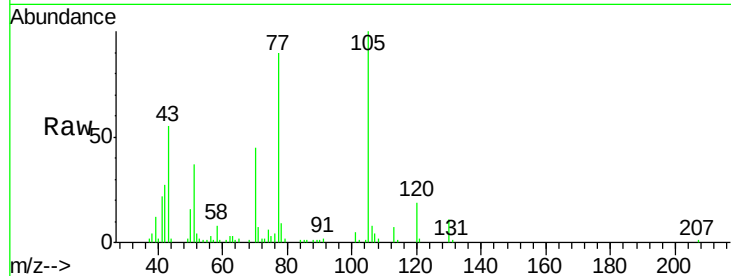
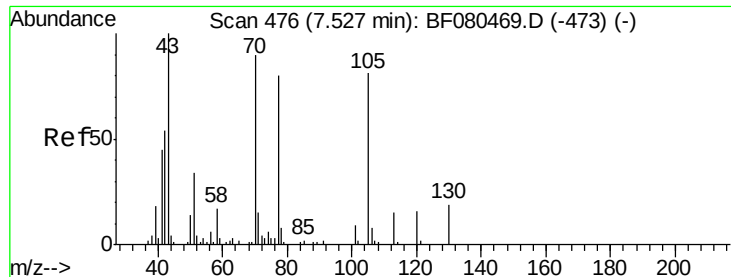
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#18
Hexachloroethane
Concen: 27.38 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	16694		
119	100.3	75.6	113.4	
201	114.3	75.0	112.6	





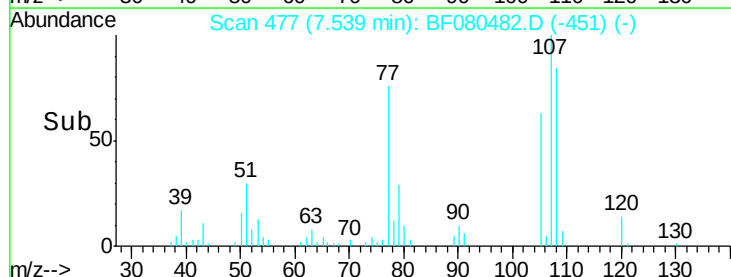
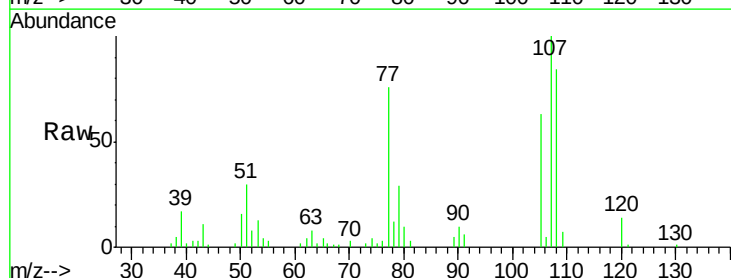
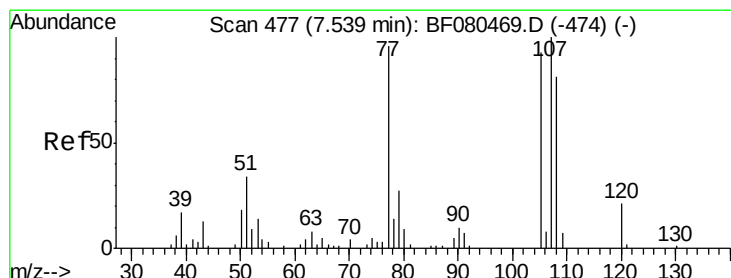
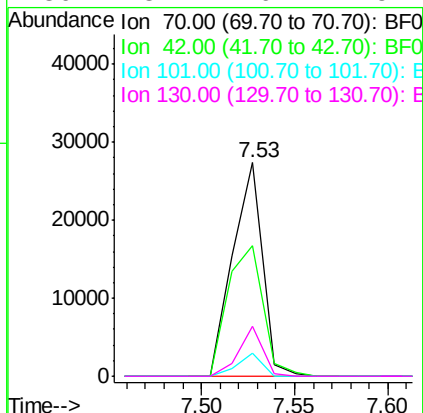
#19
n-Nitroso-di-n-propylamine
Concen: 26.51 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

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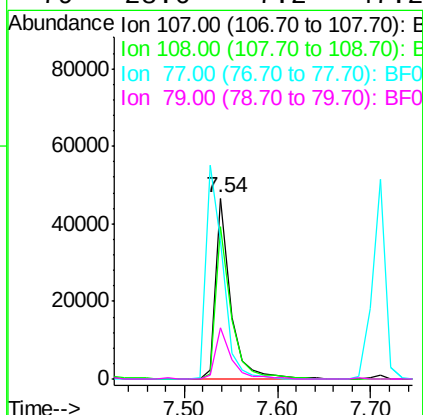
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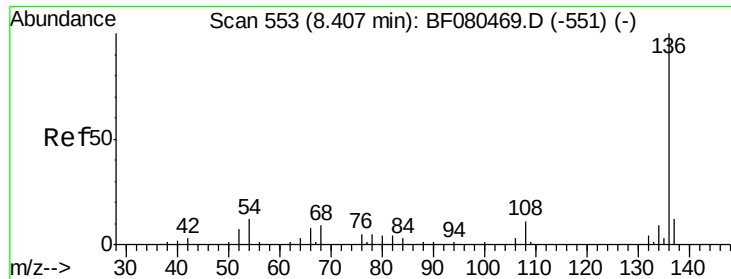
Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.4	48.0	72.0
101	11.0	7.8	11.6
130	23.7	16.7	25.1



#20
3+4-Methylphenols
Concen: 30.99 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.2	61.4	101.4
77	76.5	76.4	116.4
79	28.6	7.2	47.2





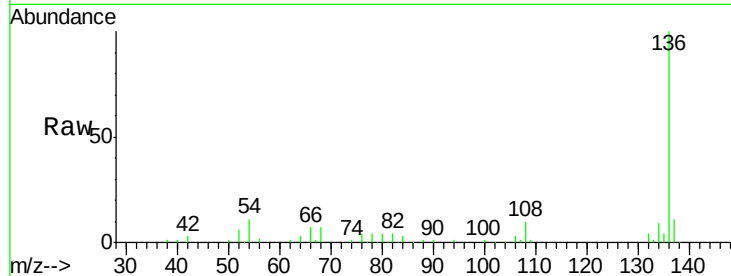
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

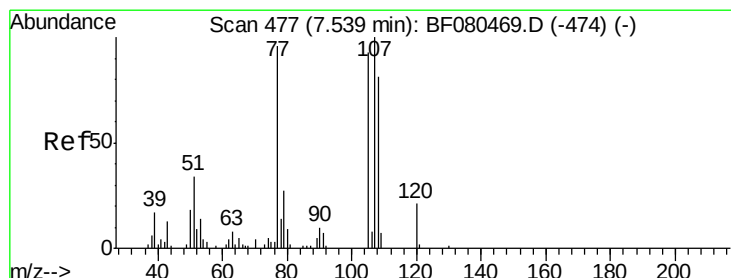
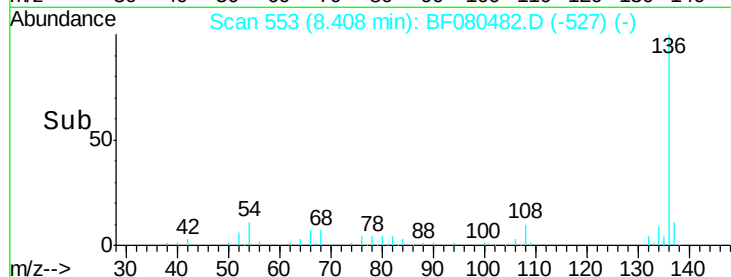
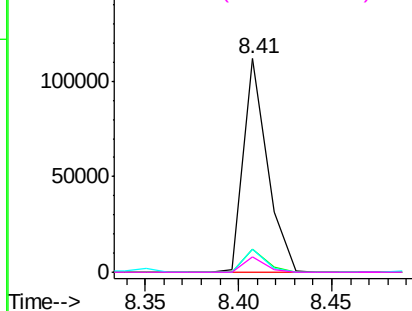
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	99233		
137	10.6		9.5	14.3
54	10.9		9.8	14.8
68	7.5		7.0	10.4

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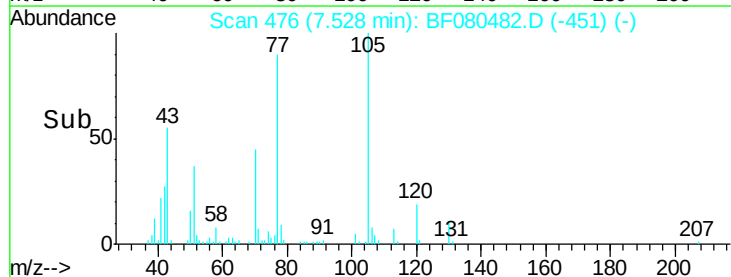
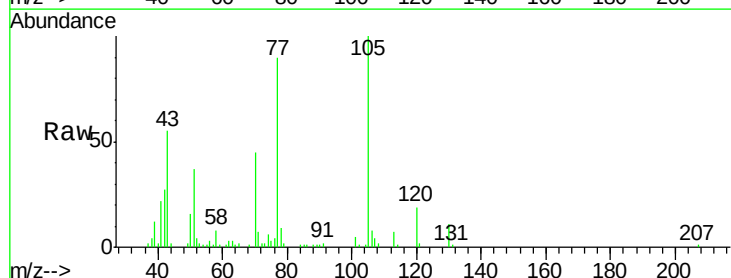
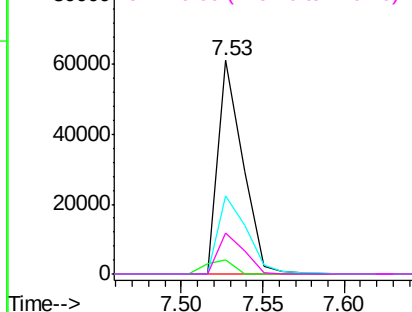
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

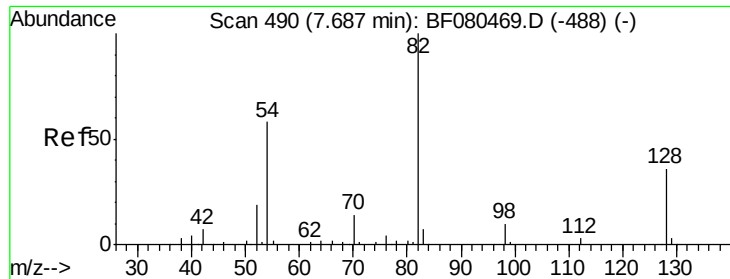


#22
Acetophenone
Concen: 27.62 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	64317		
71	6.9		0.0	0.0#
51	36.5		29.0	43.6
120	19.3		18.3	27.5

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





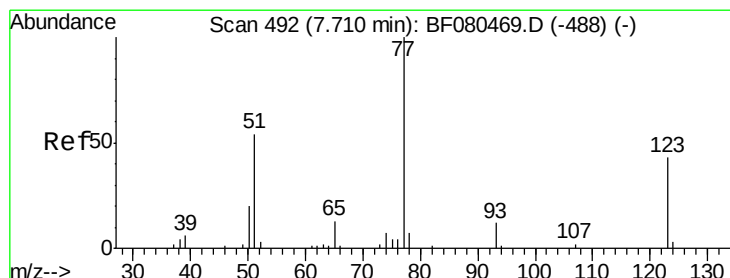
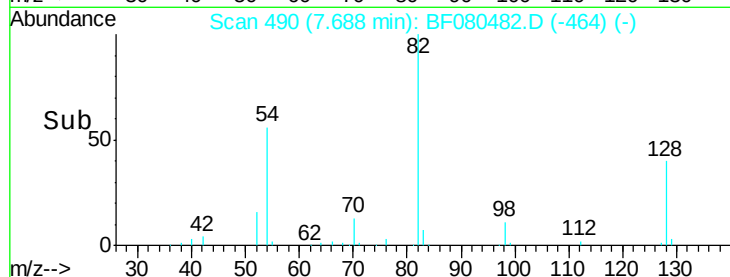
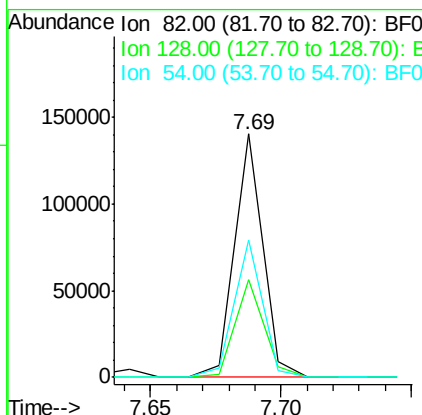
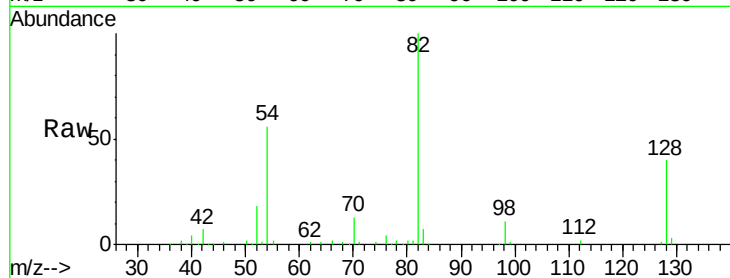
#23
 Nitrobenzene-d5
 Concen: 59.27 ng
 RT: 7.69 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	39.9	29.0	43.4
54	56.5	46.4	69.6

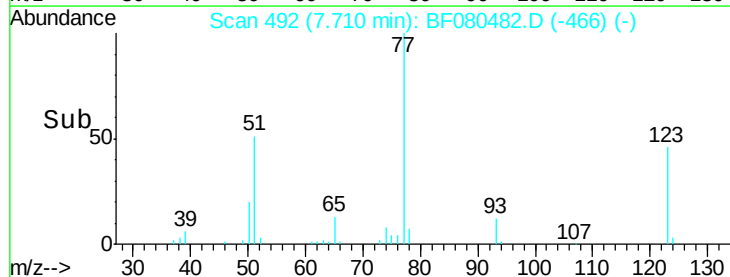
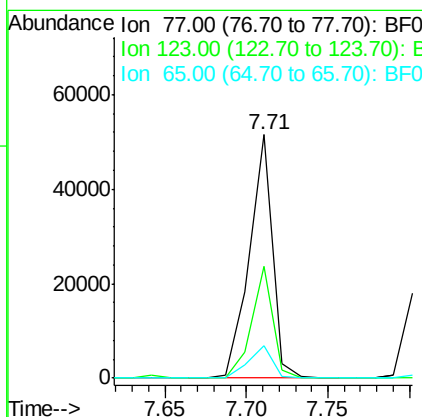
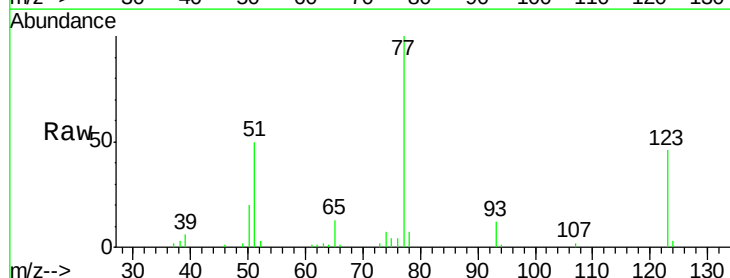
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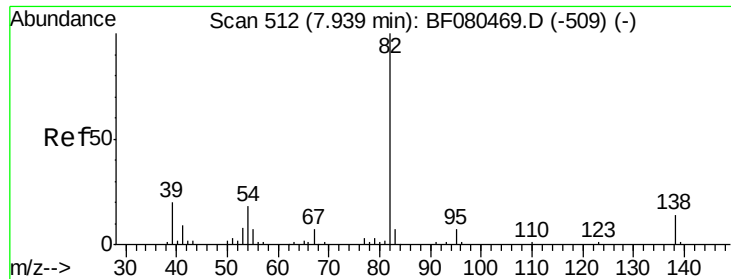
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#24
 Nitrobenzene
 Concen: 25.35 ng
 RT: 7.71 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	45.9	34.6	51.8
65	13.1	10.2	15.2





#25

Isophorone

Concen: 27.90 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

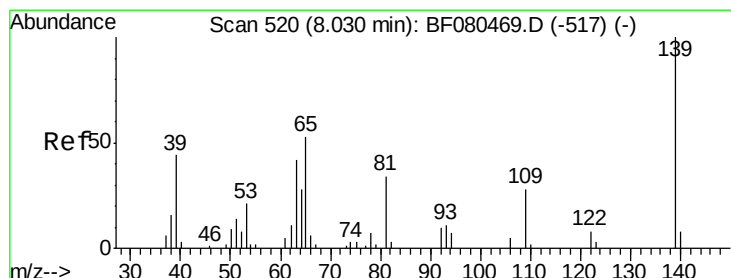
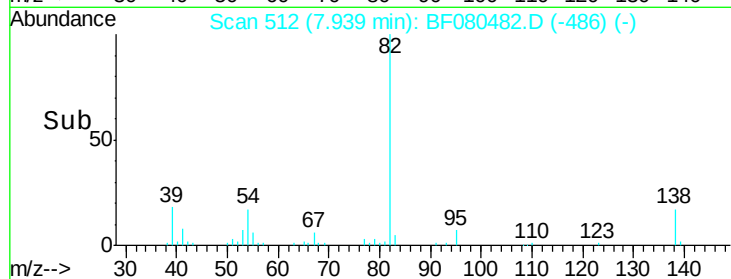
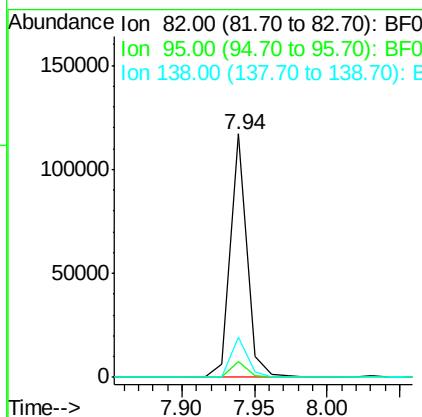
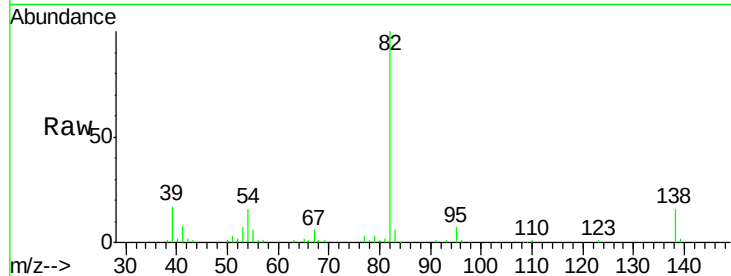
ClientSampleId :

PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	93376		
95	6.7	5.5	8.3	
138	16.5	10.8	16.2	

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#26

2-Nitrophenol

Concen: 26.16 ng

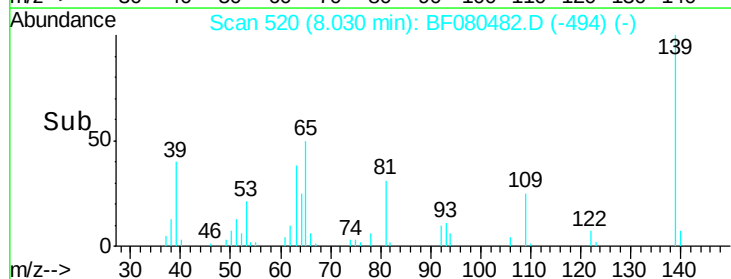
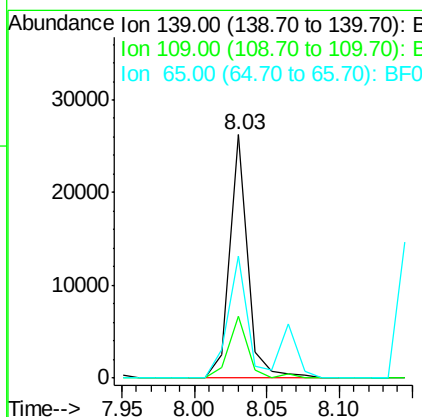
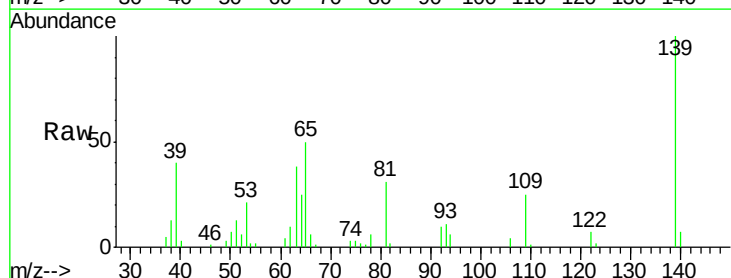
RT: 8.03 min Scan# 520

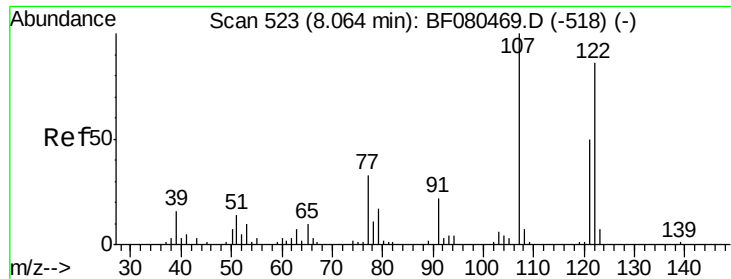
Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	22676		
109	25.2	22.6	33.8	
65	50.2	42.4	63.6	





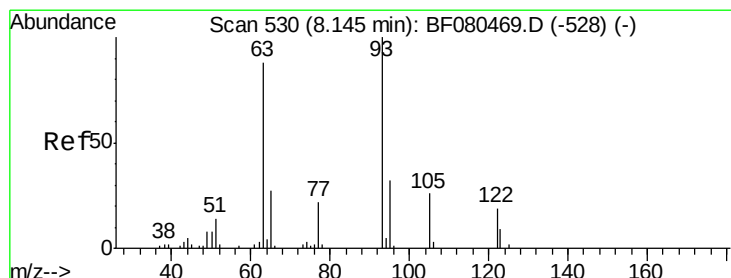
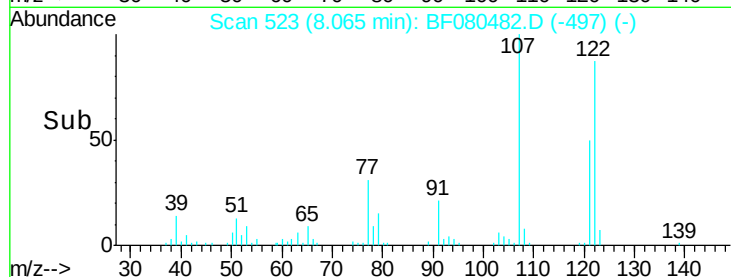
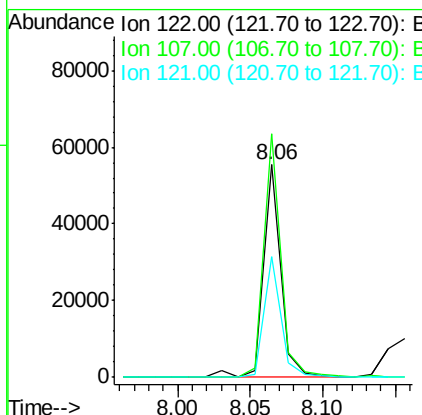
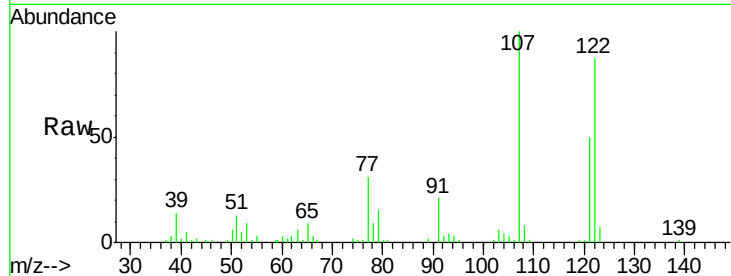
#27
 2,4-Dimethylphenol
 Concen: 28.70 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	45619		
107	114.7	93.3	139.9	
121	57.0	47.1	70.7	

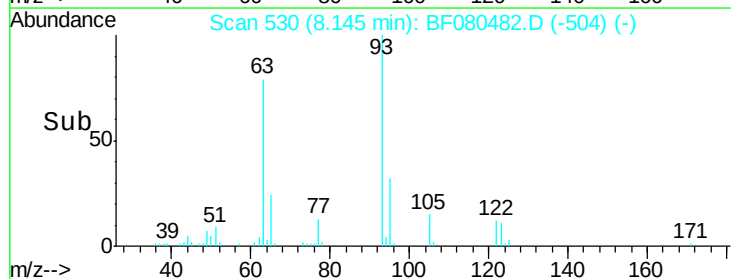
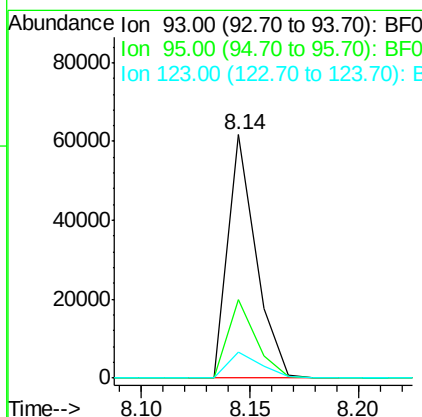
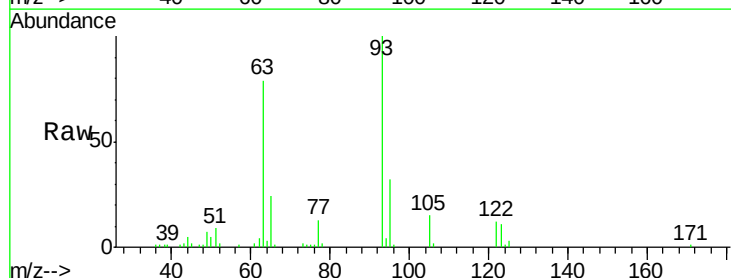
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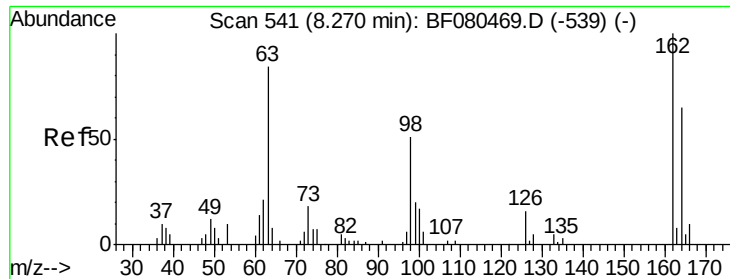
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#28
 bis(2-Chloroethoxy)methane
 Concen: 29.14 ng
 RT: 8.14 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	54851		
95	32.0	25.4	38.2	
123	10.7	7.5	11.3	





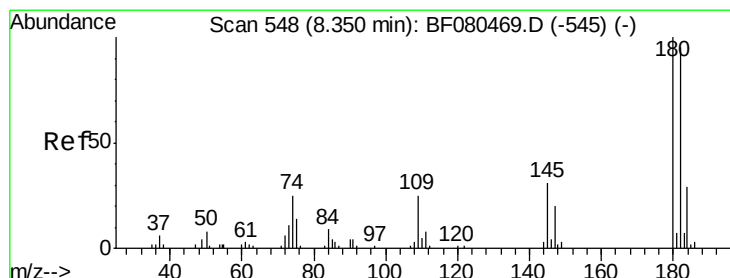
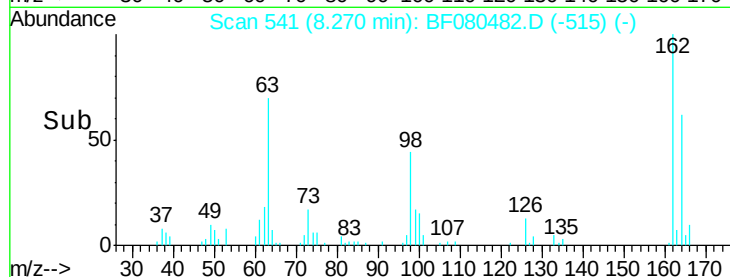
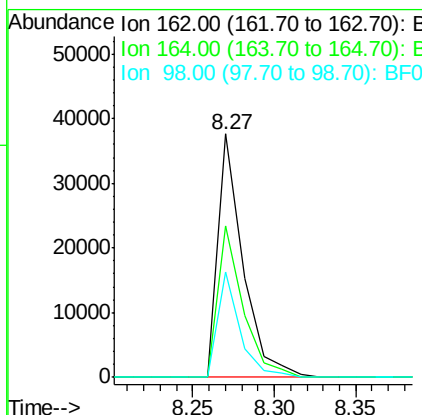
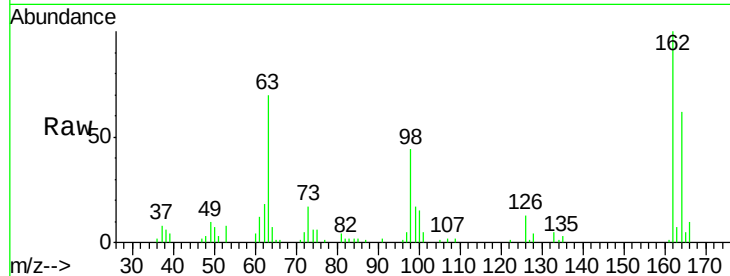
#29
2,4-Dichlorophenol
Concen: 28.93 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	40107		
164	62.5	44.7	84.7	
98	43.5	31.5	71.5	

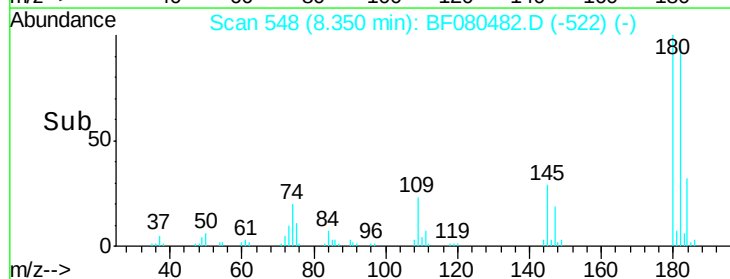
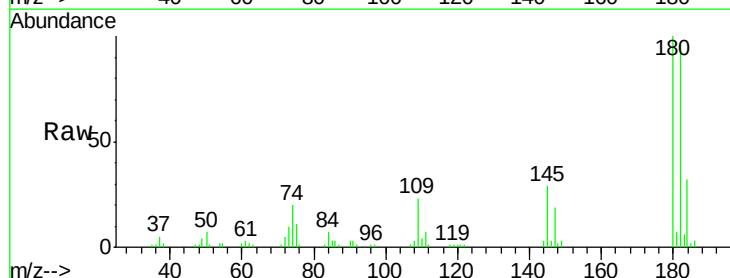
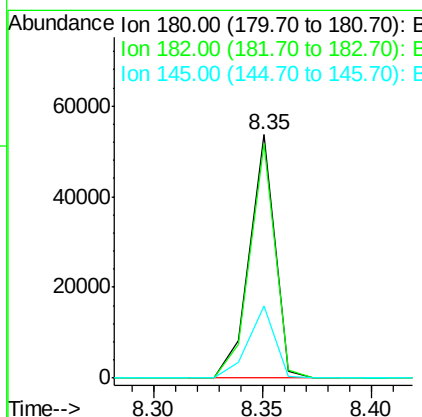
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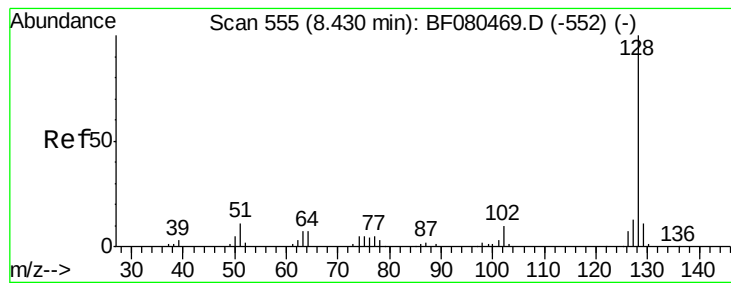
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#30
1,2,4-Trichlorobenzene
Concen: 25.27 ng
RT: 8.35 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	43581		
182	96.2	76.4	114.6	
145	29.5	24.8	37.2	





#31

Naphthalene

Concen: 27.45 ng

RT: 8.43 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

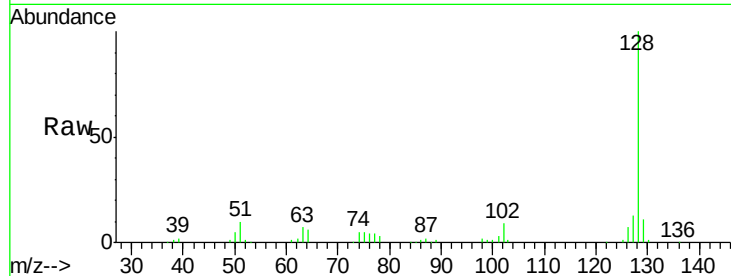
ClientSampleId :

PB84491BS

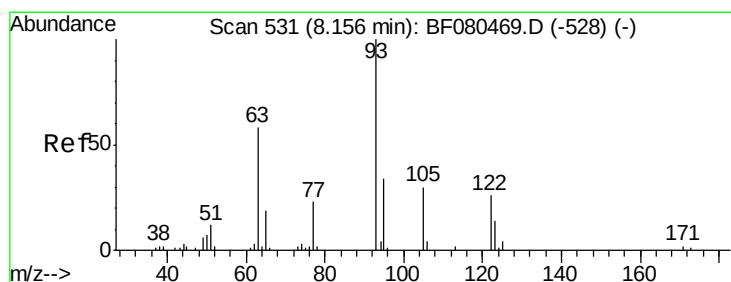
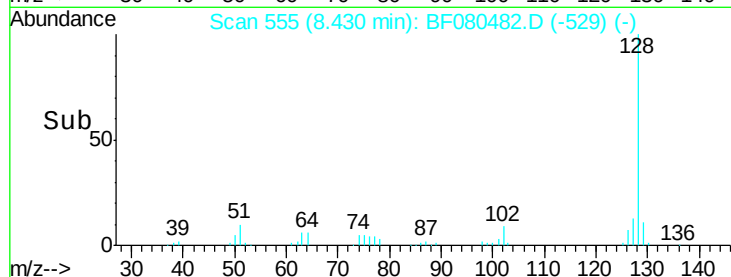
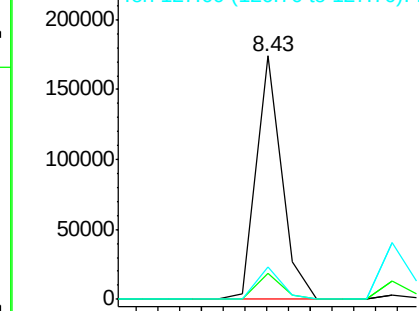
Tgt Ion:	128	Resp:	140922
Ion Ratio		Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.2	10.2	15.2

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



#32

Benzoic acid

Concen: 33.31 ng

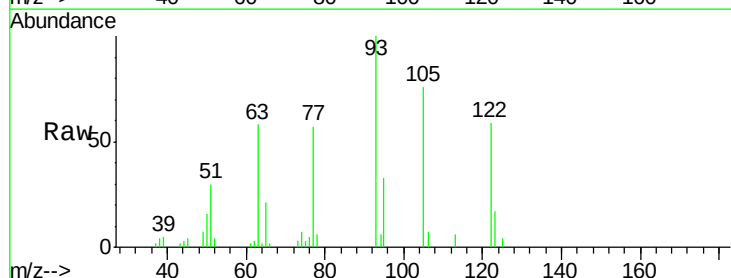
RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

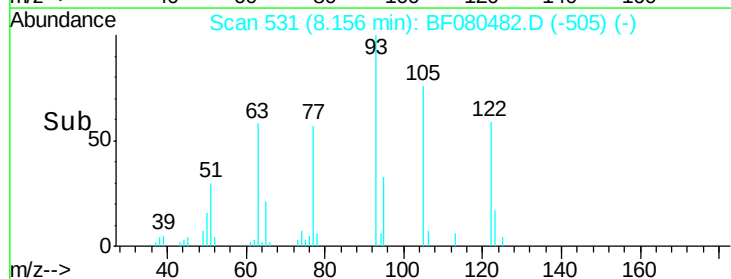
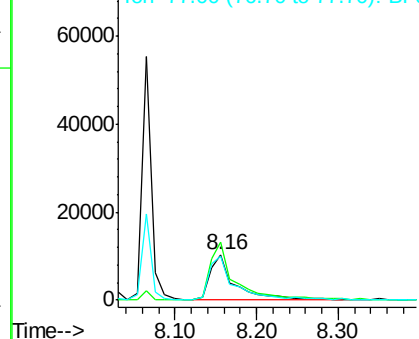
Lab File: BF080482.D

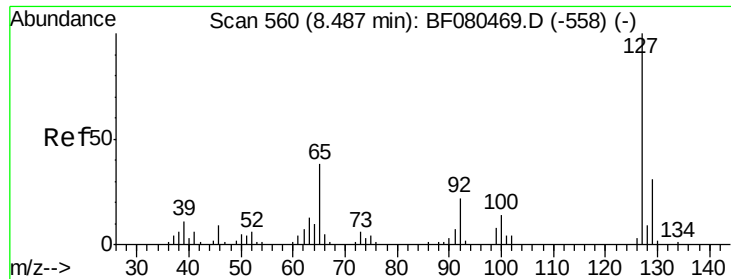
Acq: 15 Jul 2015 9:36

Tgt Ion:	122	Resp:	22526
Ion Ratio		Lower	Upper
122	100		
105	128.9	95.4	135.4
77	97.1	70.0	110.0



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





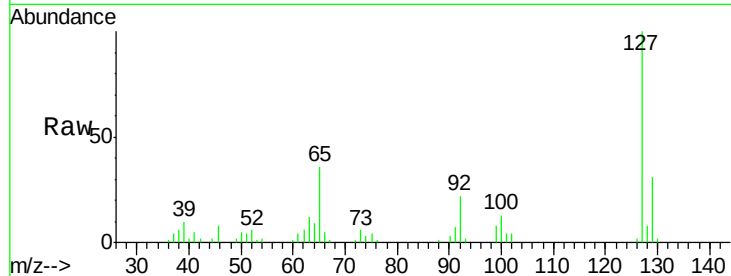
#33
 4-Chloroaniline
 Concen: 19.62 ng
 RT: 8.49 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampled :
 PB84491BS

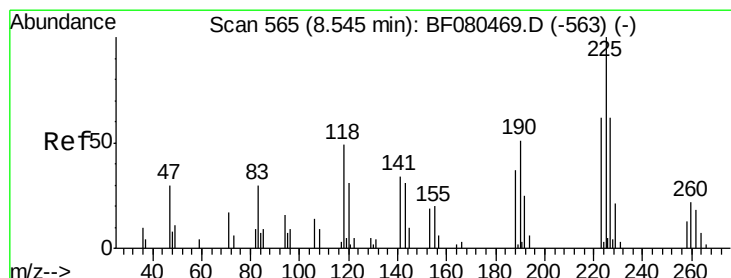
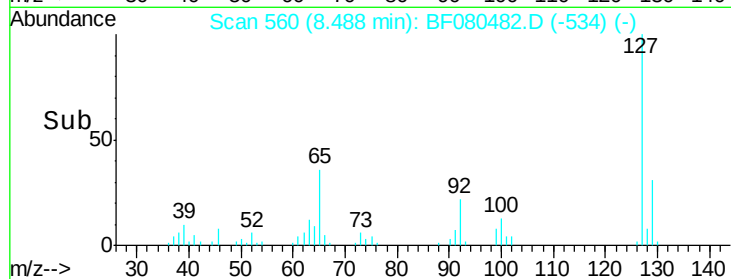
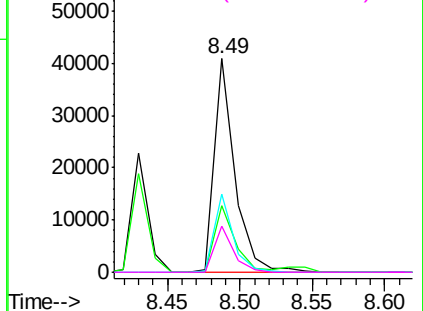
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	40089		
129	31.3	25.1	37.7	
65	36.4	30.0	45.0	
92	21.9	17.4	26.0	

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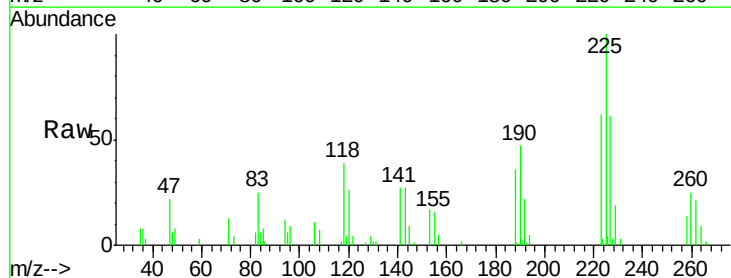


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

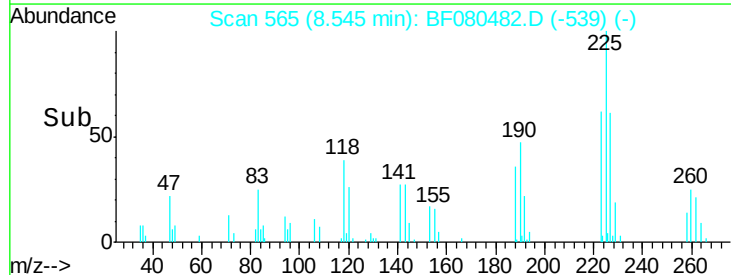
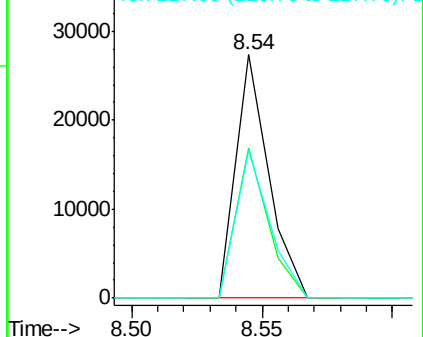


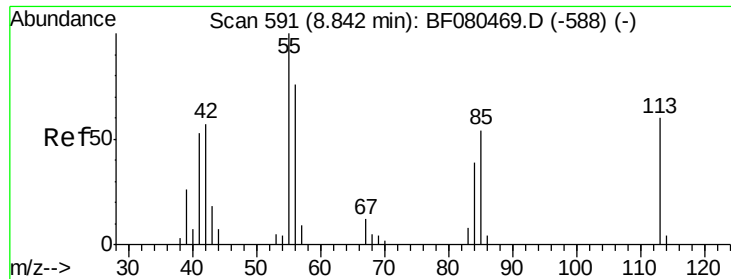
#34
 Hexachlorobutadiene
 Concen: 27.65 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	24160		
223	61.5	49.9	74.9	
227	60.7	49.2	73.8	



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





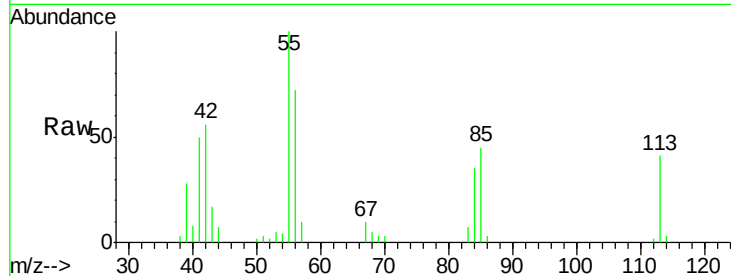
#35
 Caprolactam
 Concen: 27.70 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleID :
 PB84491BS

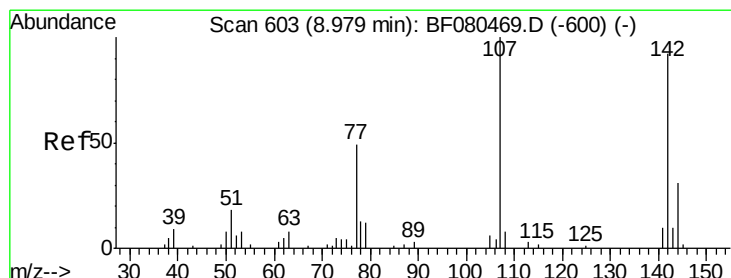
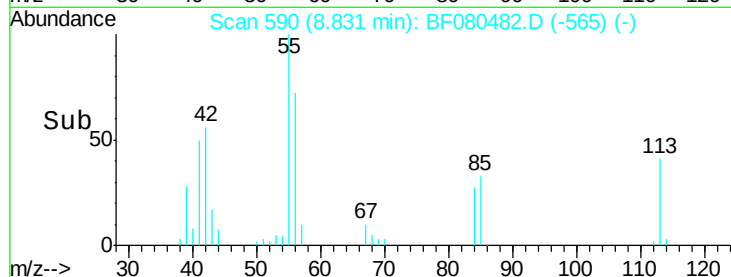
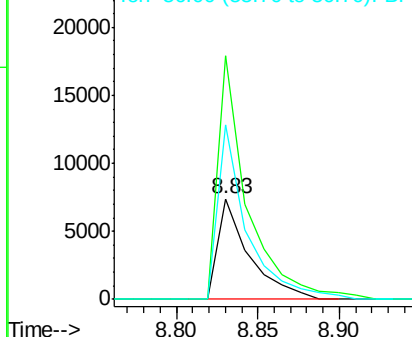
Tgt Ion:113 Resp: 9908
 Ion Ratio Lower Upper
 113 100
 55 241.6 147.5 187.5#
 56 173.7 106.7 146.7#

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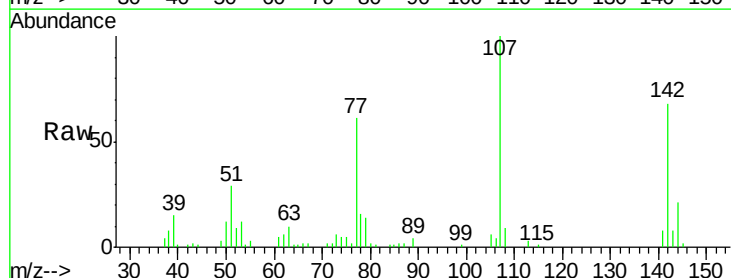


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

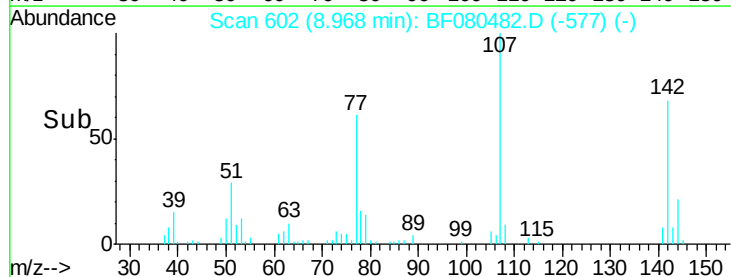
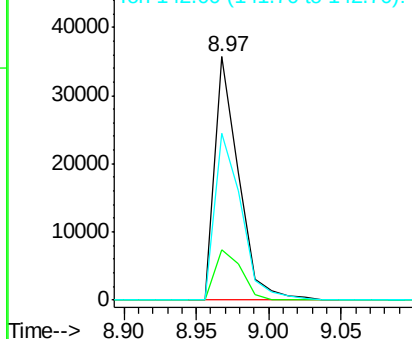


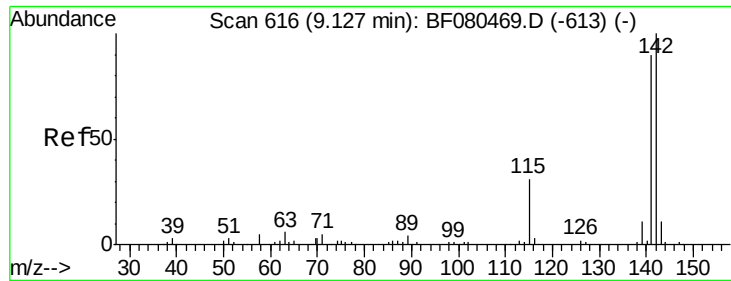
#36
 4-Chloro-3-methylphenol
 Concen: 30.35 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion:107 Resp: 41182
 Ion Ratio Lower Upper
 107 100
 144 20.8 24.8 37.2#
 142 68.5 73.4 110.0#



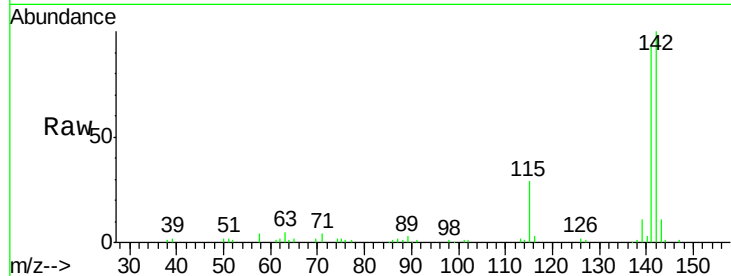
Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37
 2-Methylnaphthalene
 Concen: 25.72 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

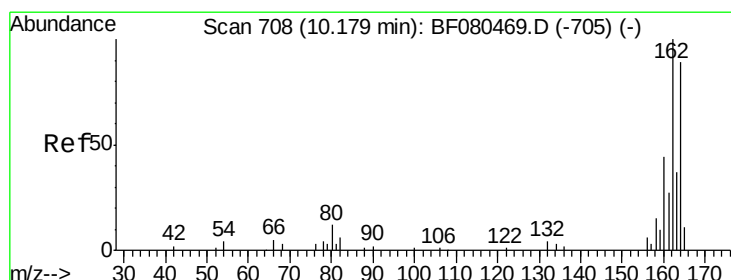
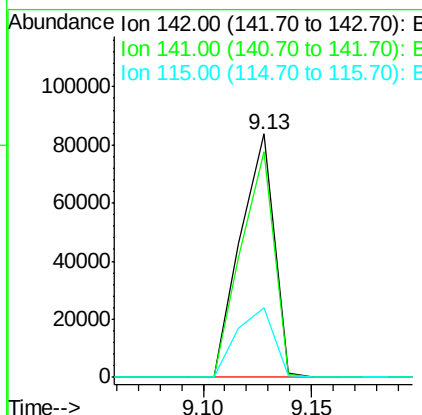
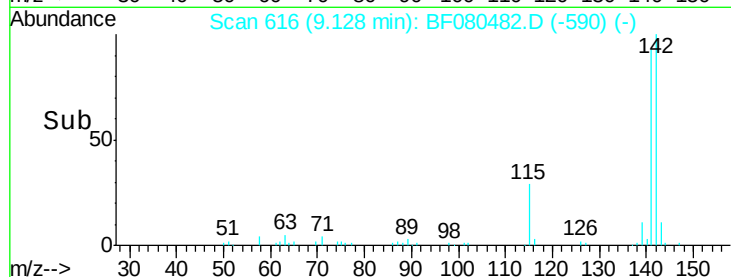
Instrument :
 BNA_F
 ClientSampleID :
 PB84491BS



Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	71.6	107.4
115	28.8	24.6	37.0

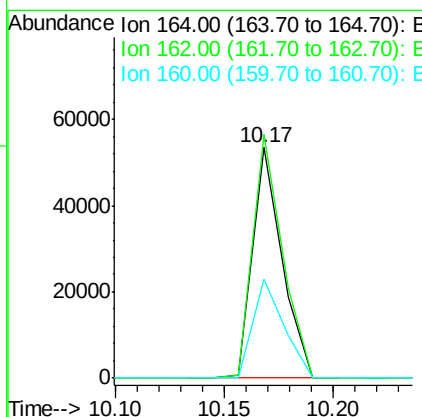
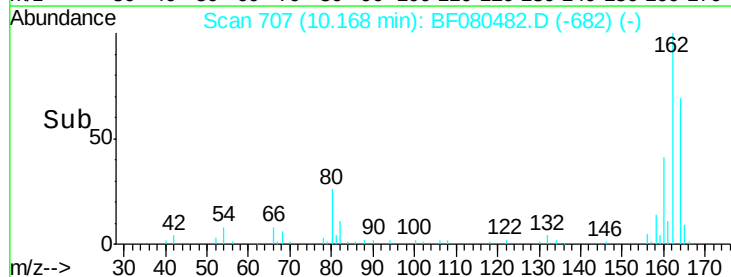
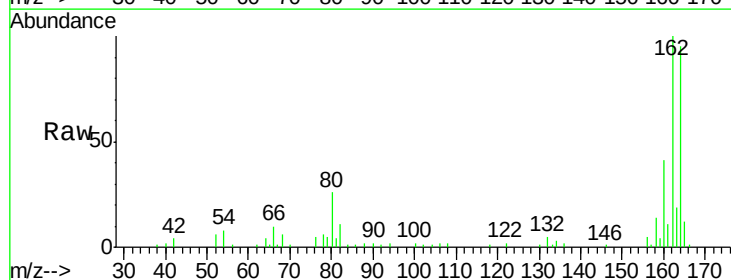
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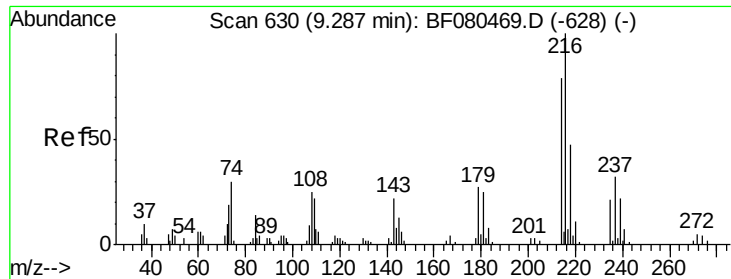
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	89.8	134.8
160	43.1	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.48 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF080482.D

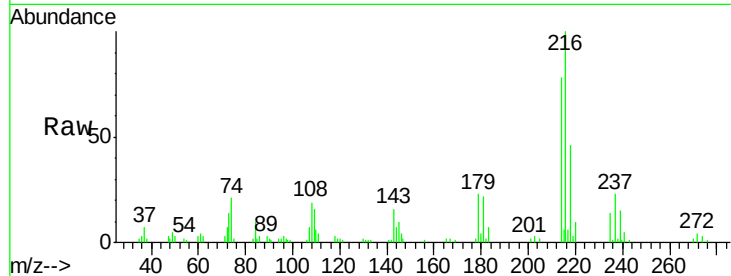
Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

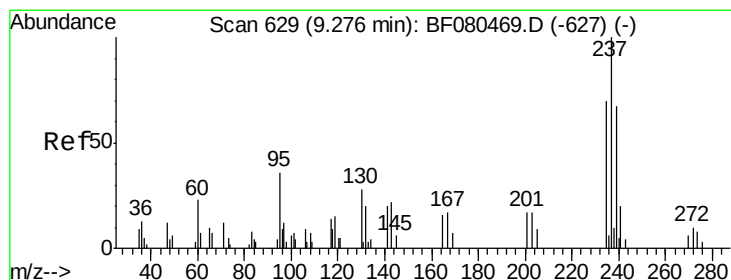
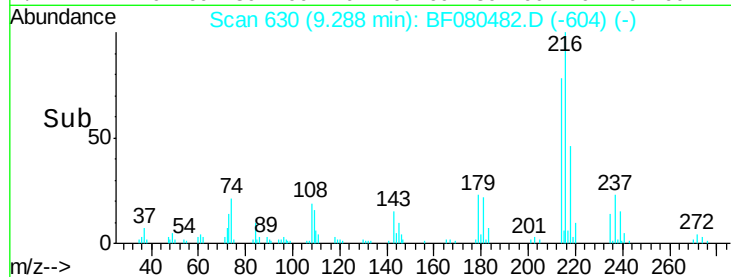
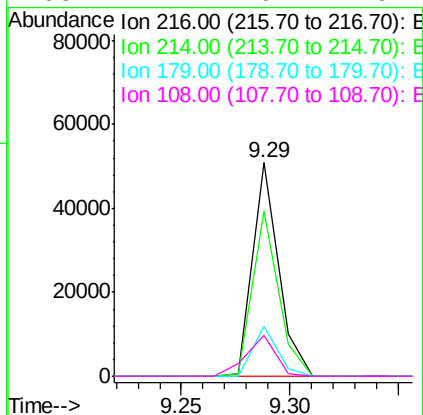
PB84491BS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.0	94.4
179	22.0	18.3	27.5
108	21.7	16.7	25.1

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#40

Hexachlorocyclopentadiene

Concen: 56.70 ng

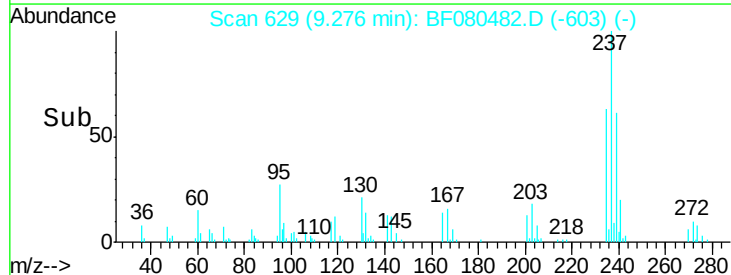
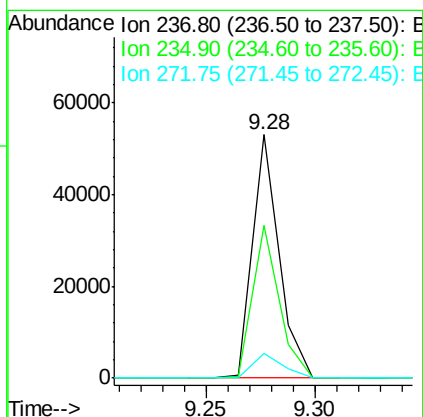
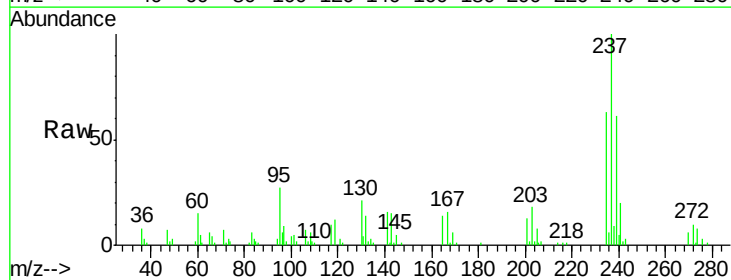
RT: 9.28 min Scan# 629

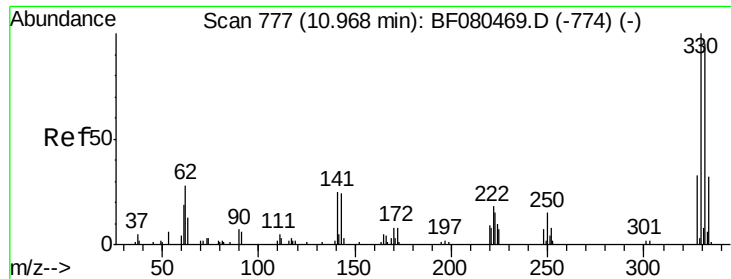
Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.6	49.9	89.9
272	10.4	0.0	30.0





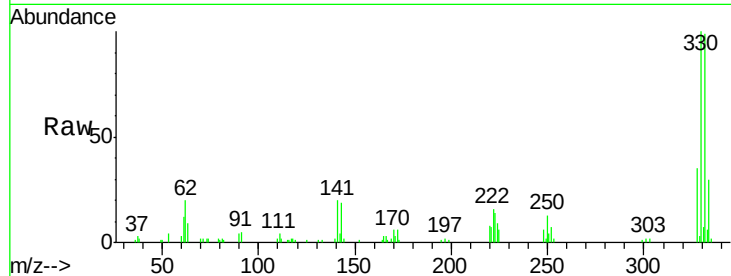
#41
 2,4,6-Tribromophenol
 Concen: 88.72 ng
 RT: 10.97 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

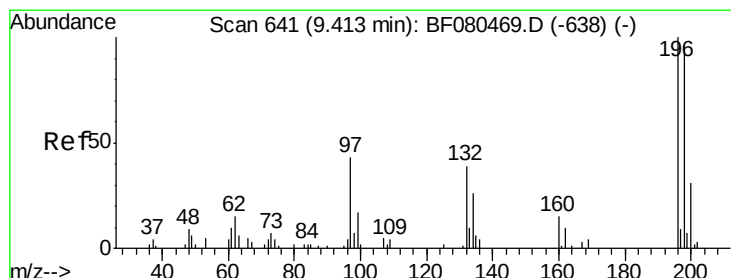
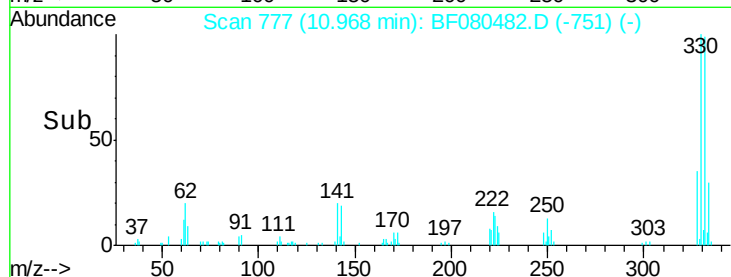
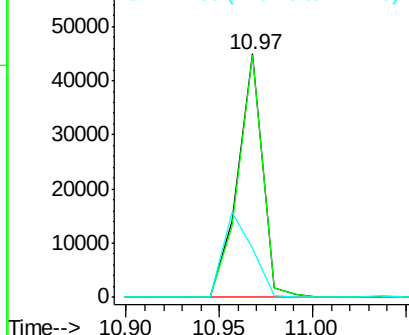
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	41858		
332	98.4	76.2	114.4	
141	41.3	29.8	44.6	

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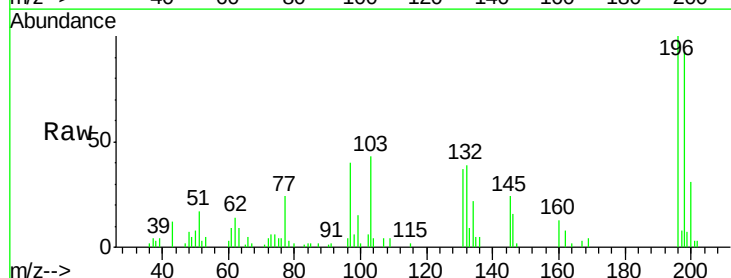


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

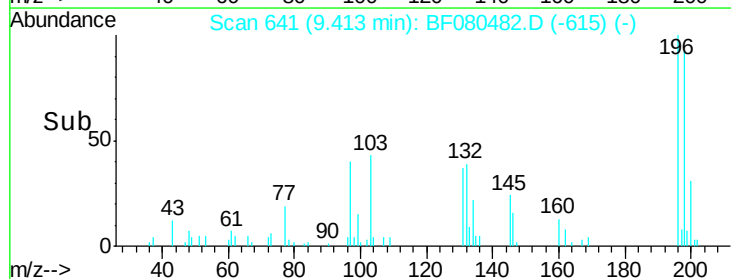
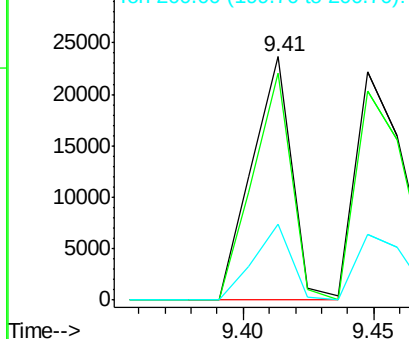


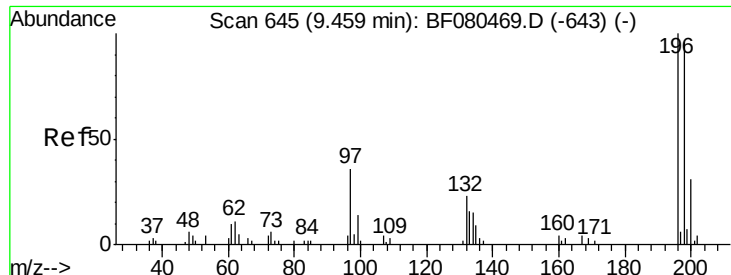
#42
 2,4,6-Trichlorophenol
 Concen: 24.76 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	25491		
198	93.4	77.2	115.8	
200	31.2	24.7	37.1	



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





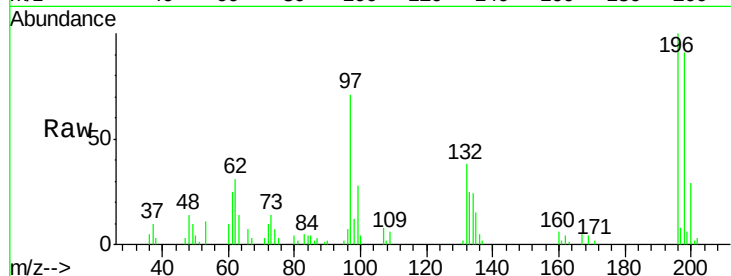
#43
 2,4,5-Trichlorophenol
 Concen: 28.58 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

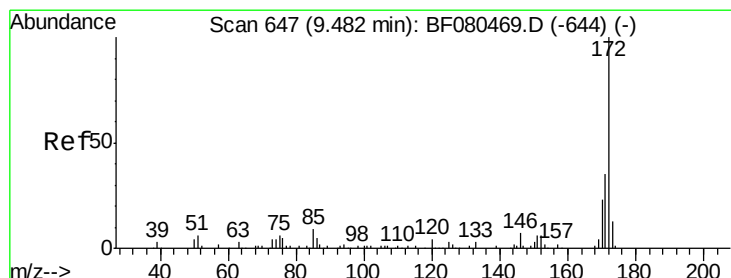
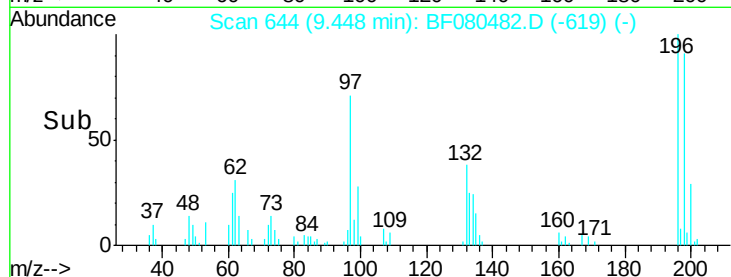
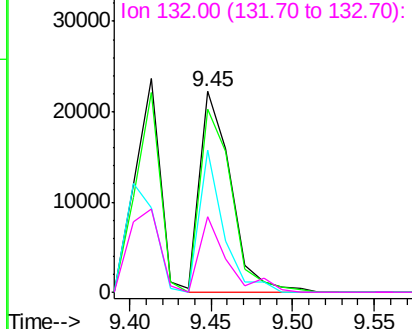
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	29650		
198	91.4	77.0	115.6	
97	70.9	28.6	43.0	
132	37.7	18.6	27.8	

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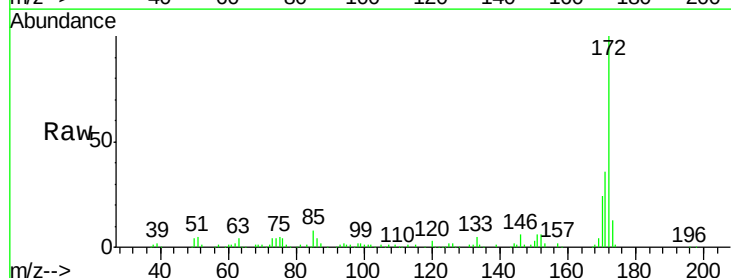


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

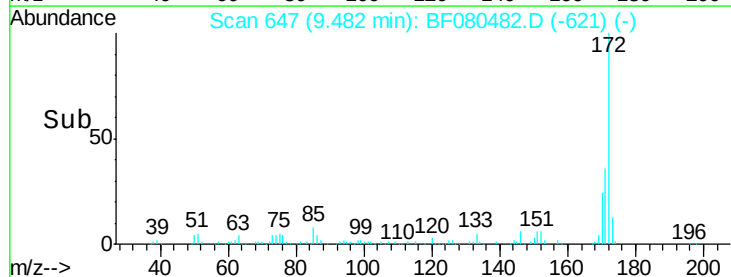
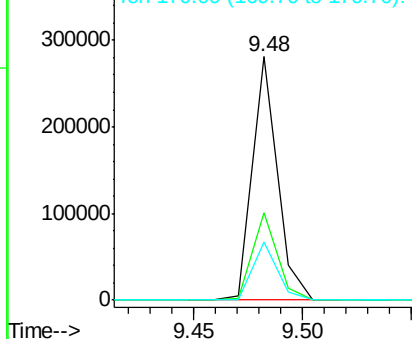


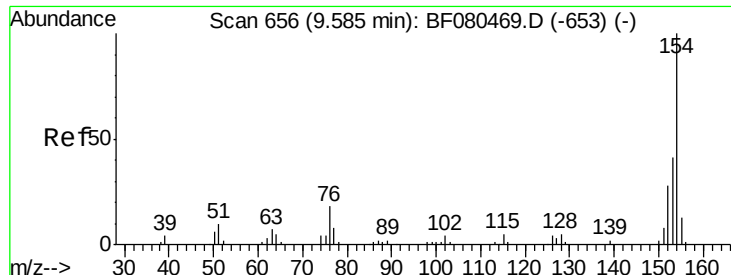
#44
 2-Fluorobiphenyl
 Concen: 61.67 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	224663		
171	36.2	27.9	41.9	
170	23.8	18.5	27.7	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





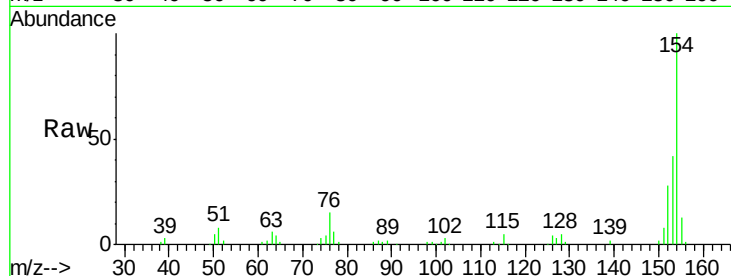
#45
 1,1'-Biphenyl
 Concen: 28.05 ng
 RT: 9.58 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

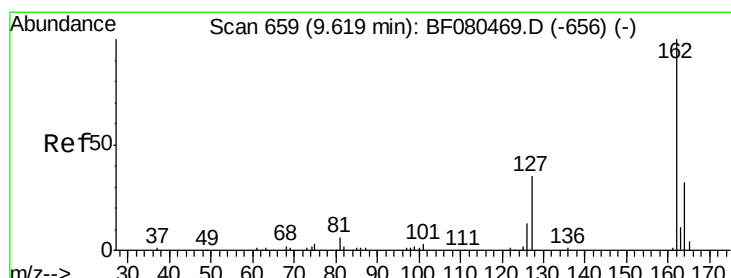
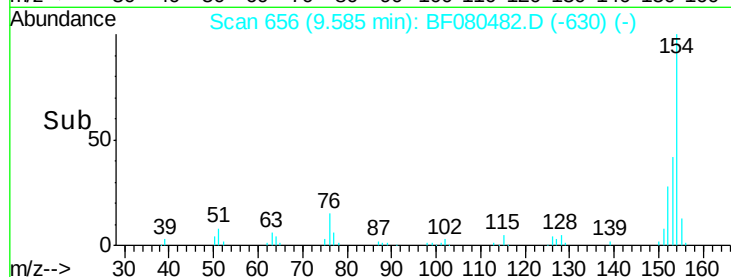
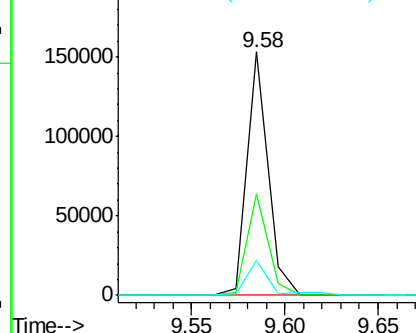
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.9	20.8	60.8
76	14.6	0.0	37.7

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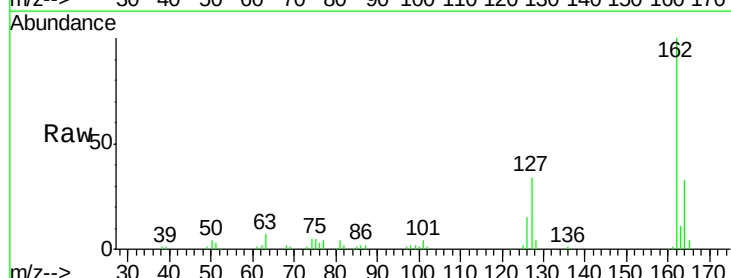


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

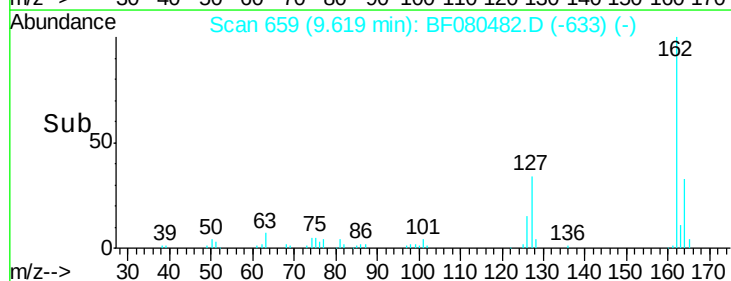
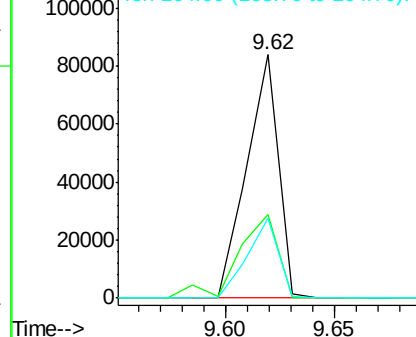


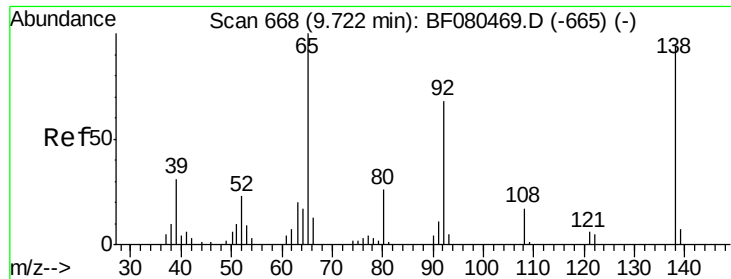
#46
 2-Chloronaphthalene
 Concen: 23.89 ng
 RT: 9.62 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	34.2	30.4	45.6
164	32.8	25.8	38.8



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





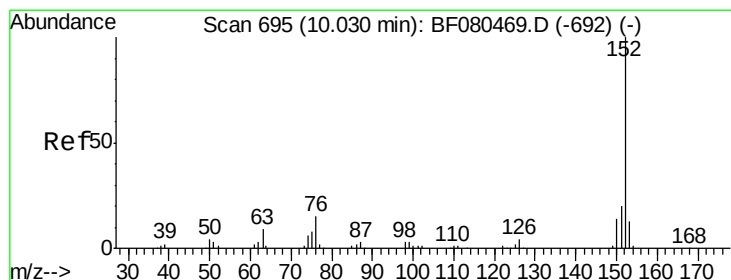
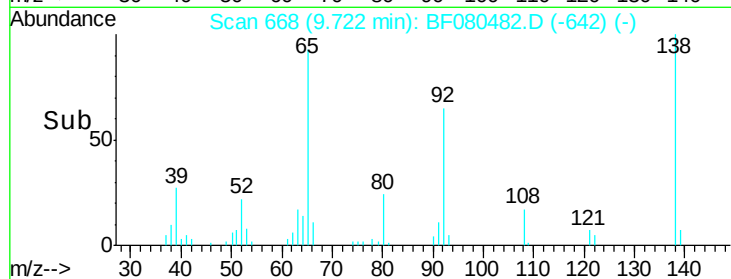
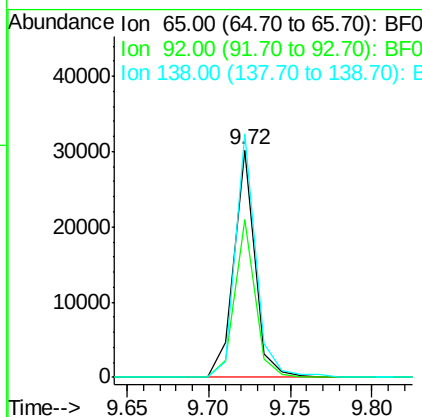
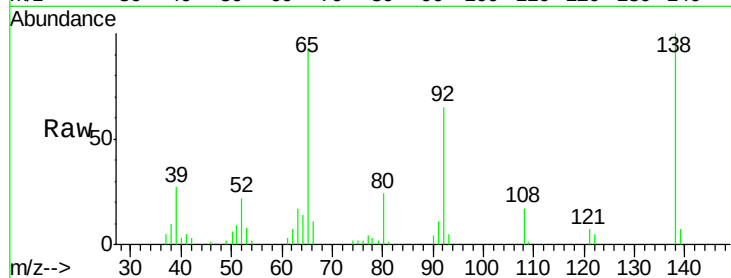
#47
2-Nitroaniline
Concen: 26.25 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	54.7	82.1
138	107.0	75.3	112.9

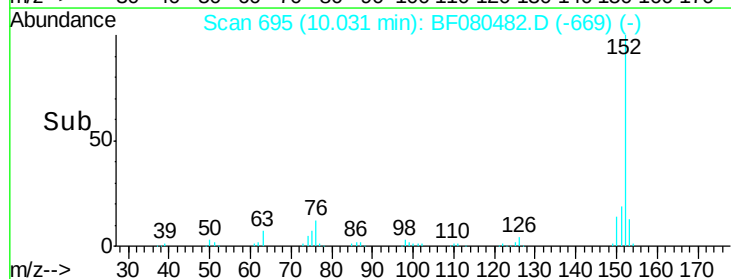
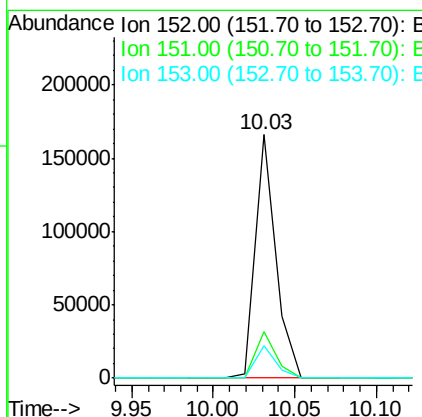
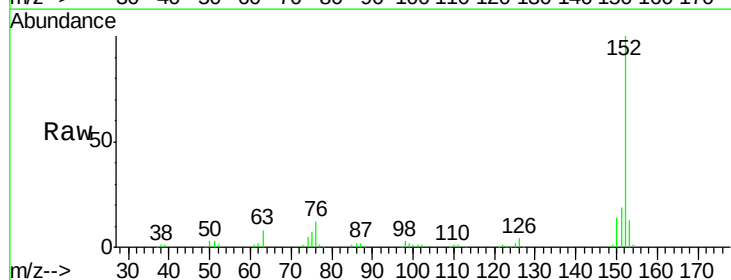
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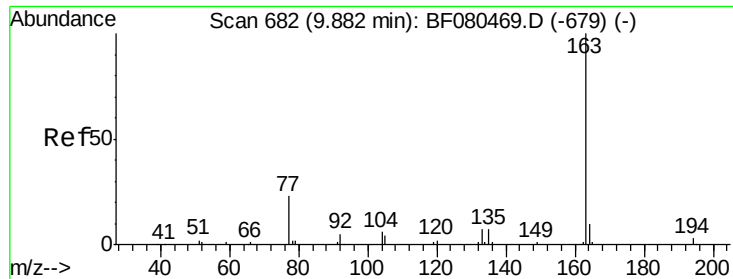
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#48
Acenaphthylene
Concen: 27.20 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.1	24.1
153	13.5	10.5	15.7





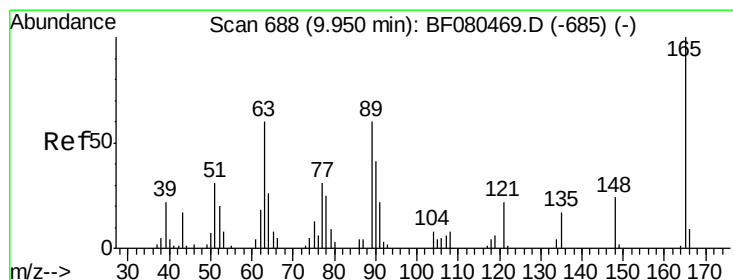
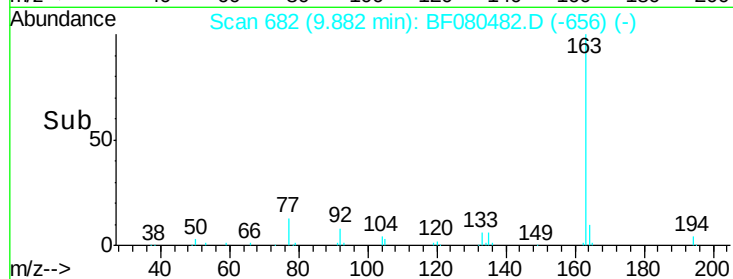
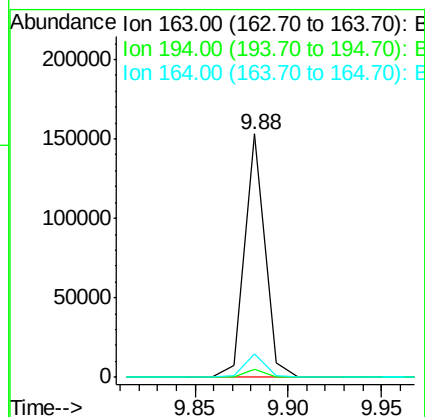
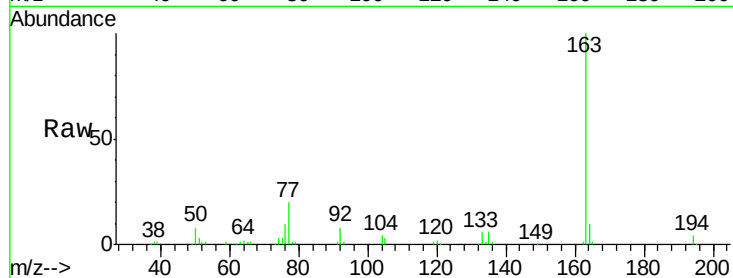
#49
Dimethylphthalate
Concen: 29.56 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.6	3.8
164	9.7	8.1	12.1

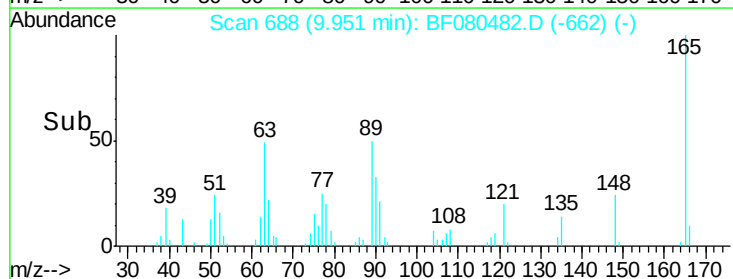
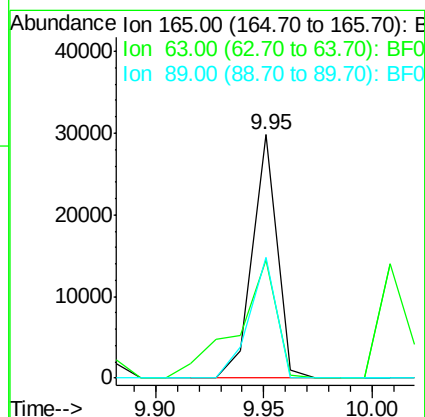
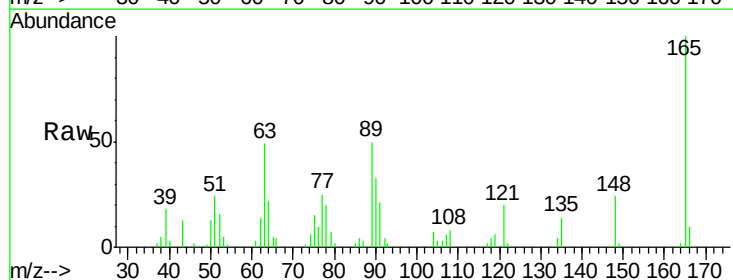
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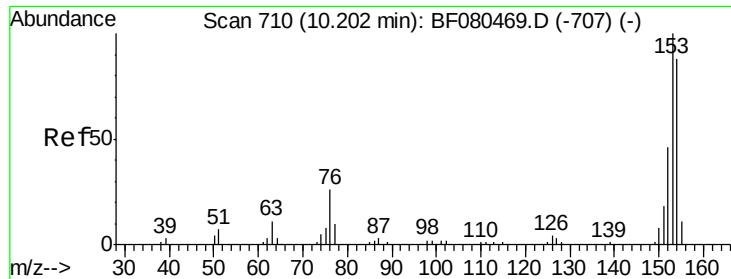
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#50
2,6-Dinitrotoluene
Concen: 27.54 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.8	49.6	74.4#
89	49.6	47.6	71.4





#51

Acenaphthene

Concen: 30.34 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

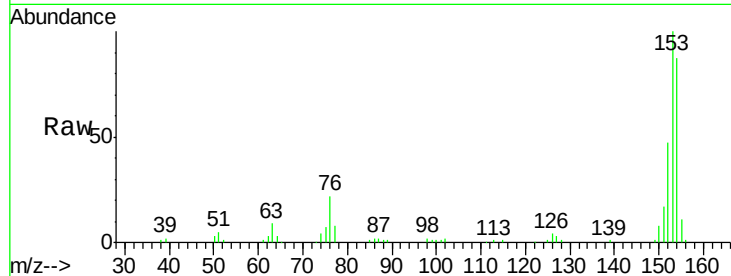
ClientSampleId :

PB84491BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.6	136.0
152	54.0	41.7	62.5

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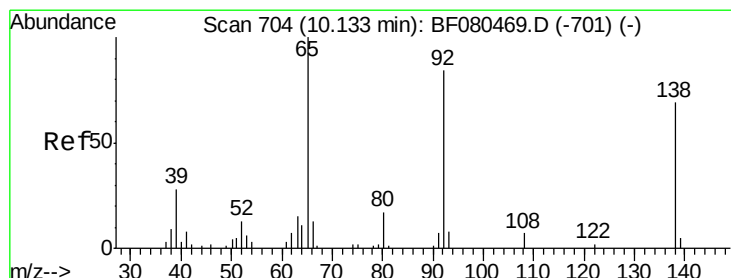
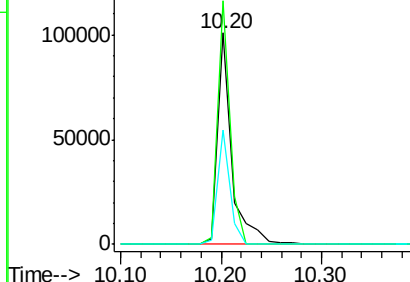
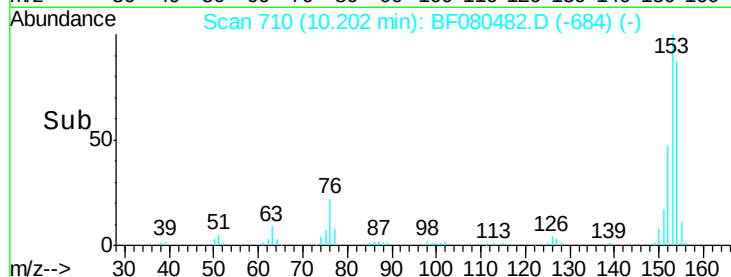
apatel
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.21 ng

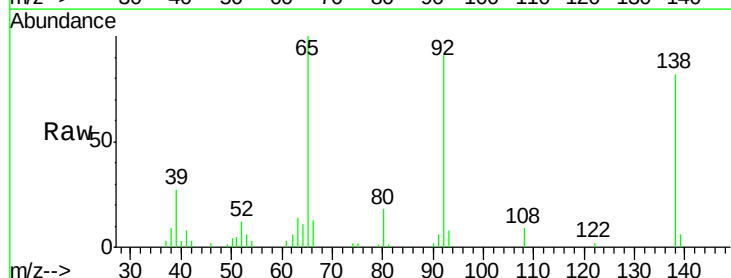
RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

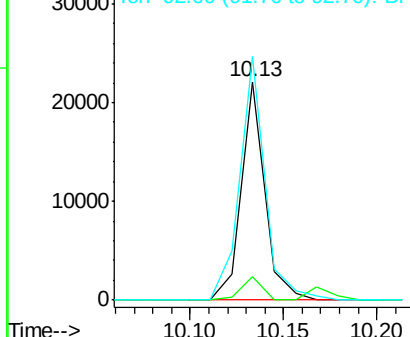
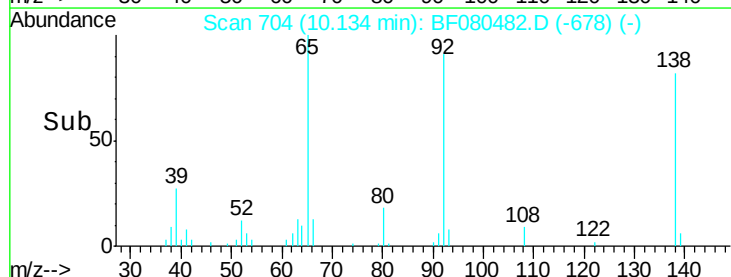
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.6	12.8
92	111.5	98.4	147.6

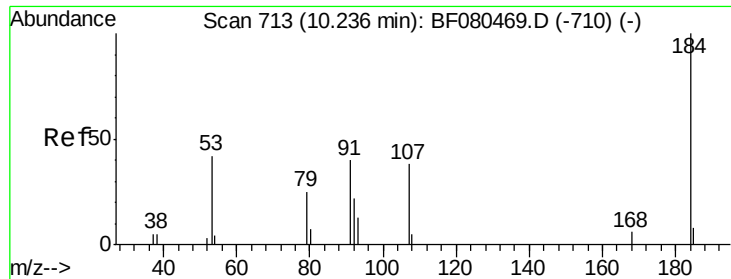


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





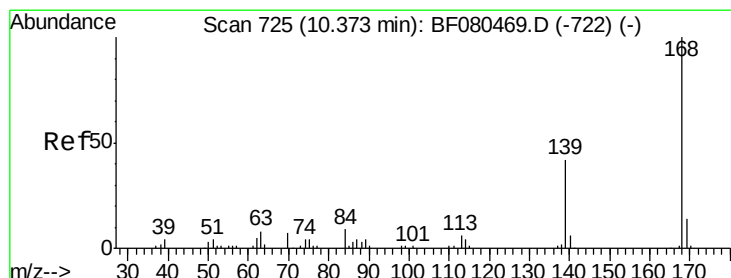
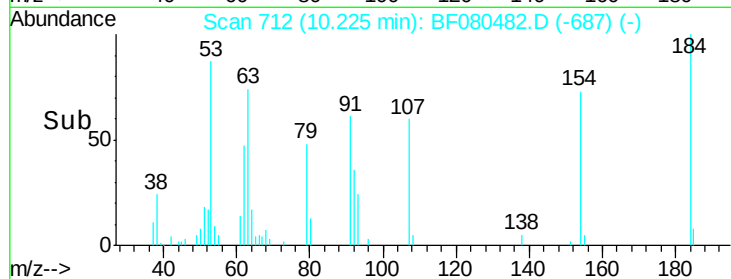
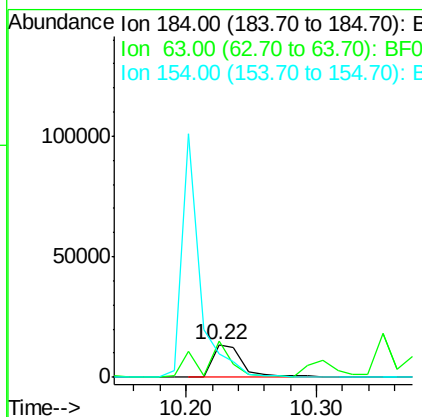
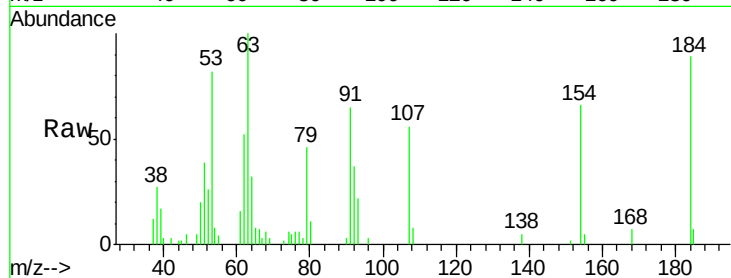
#53
2,4-Dinitrophenol
Concen: 63.08 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	21567		
63	111.8	42.5	63.7#	
154	73.2	49.4	74.2	

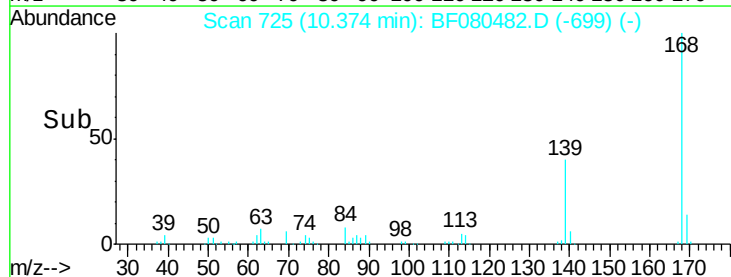
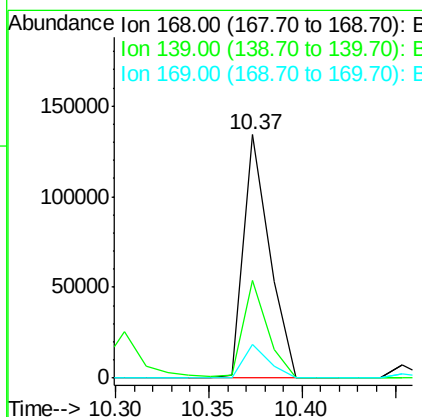
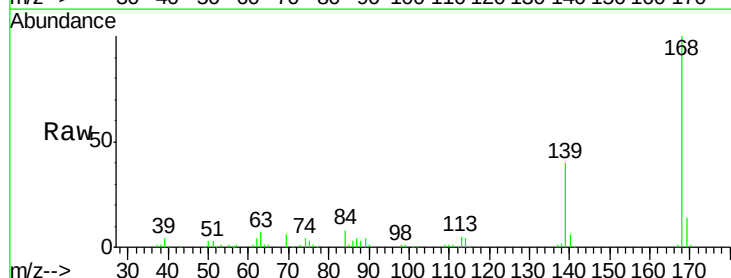
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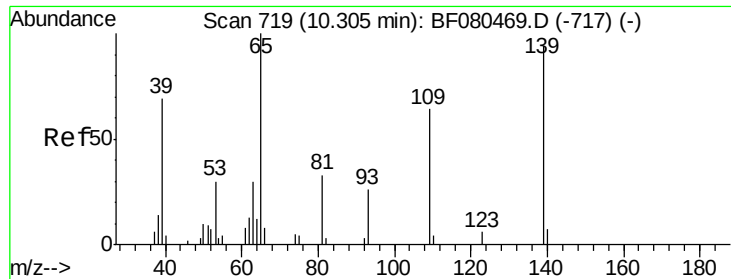
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#54
Dibenzofuran
Concen: 28.41 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	130067		
139	40.0	34.2	51.2	
169	13.7	11.4	17.2	





#55

4-Nitrophenol

Concen: 49.46 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF080482.D

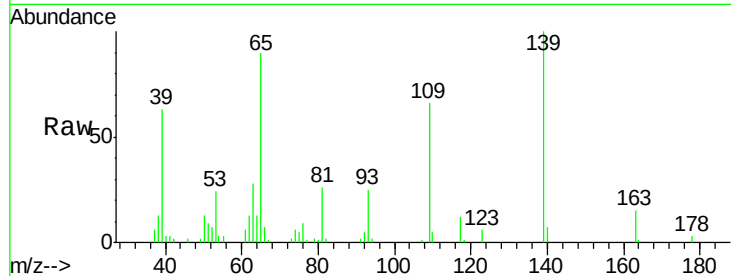
Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

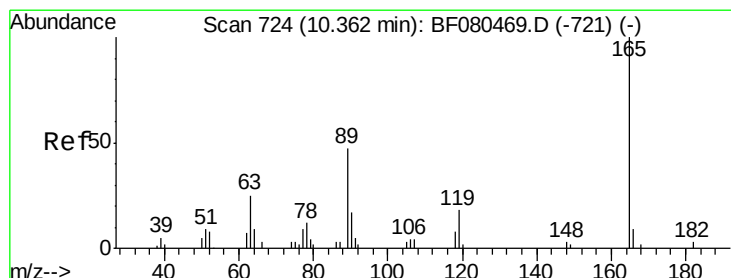
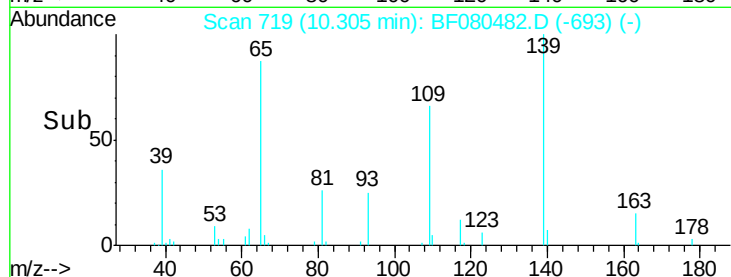
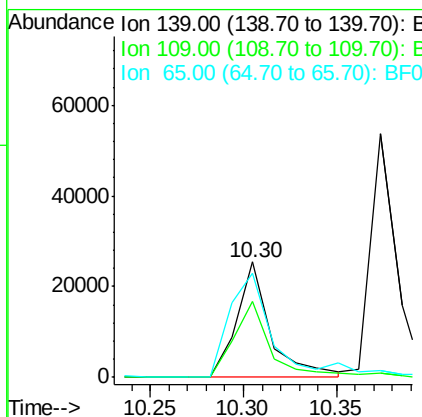
PB84491BS



Tgt Ion:	139	Resp:	32059
Ion Ratio	Lower	Upper	
139	100		
109	65.8	48.1	88.1
65	90.2	86.0	126.0

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#56

2,4-Dinitrotoluene

Concen: 30.68 ng

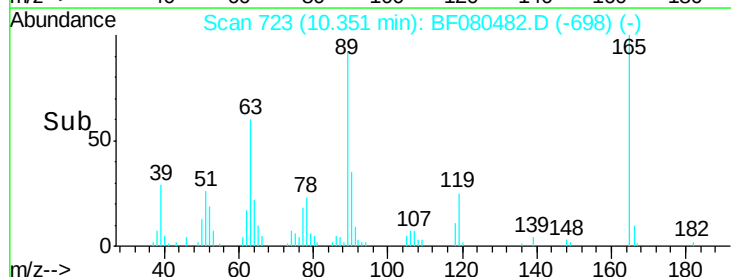
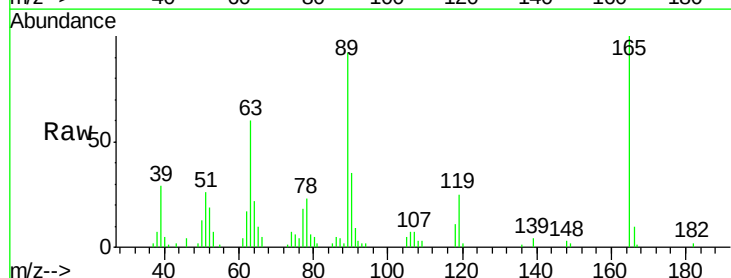
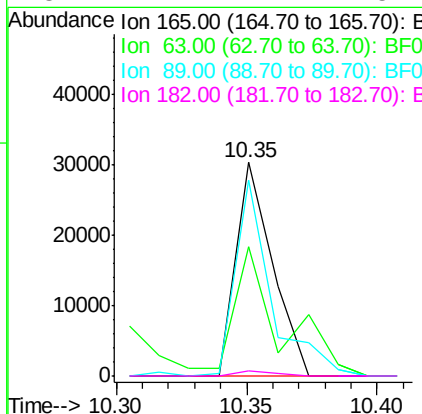
RT: 10.35 min Scan# 723

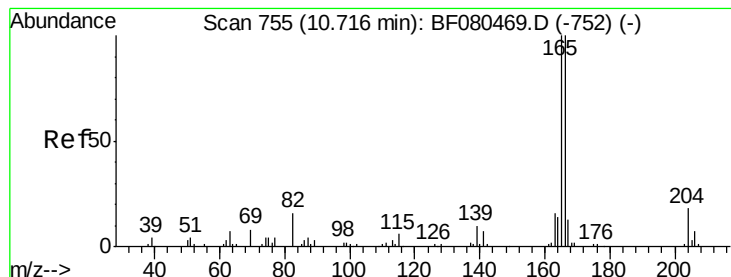
Delta R.T. -0.01 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Tgt Ion:	165	Resp:	29559
Ion Ratio	Lower	Upper	
165	100		
63	60.3	21.7	32.5#
89	92.0	37.4	56.2#
182	2.4	2.2	3.2





#57

Fluorene

Concen: 28.00 ng

RT: 10.72 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF080482.D

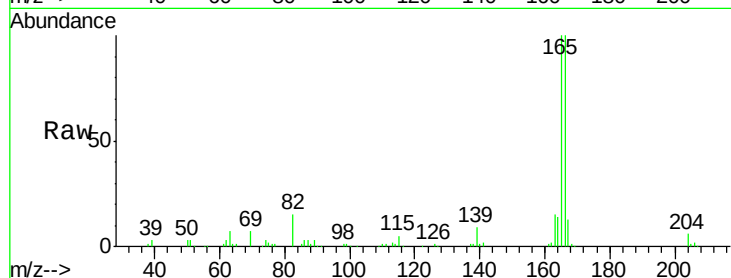
Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS



Tgt Ion:166 Resp: 103064

Ion Ratio Lower Upper

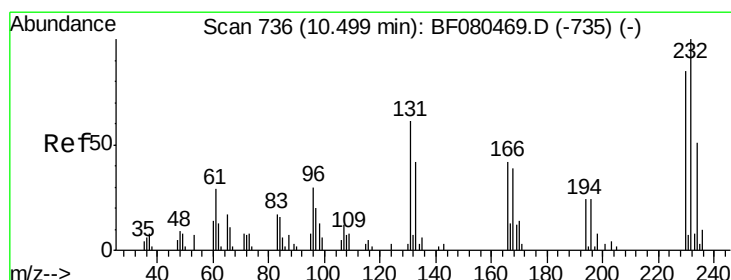
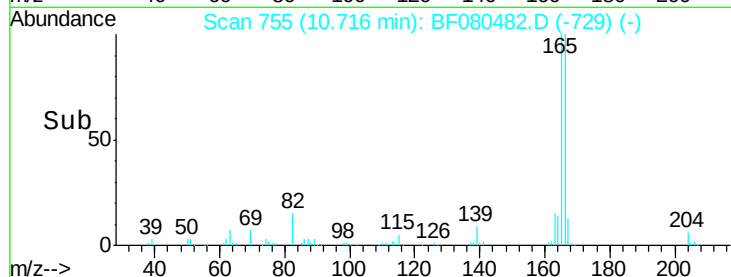
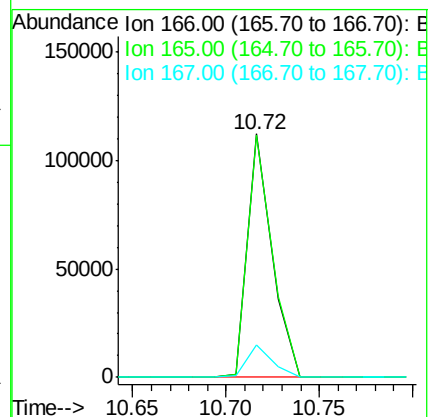
166 100

165 99.7 79.8 119.8

167 13.1 10.5 15.7

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#58

2,3,4,6-Tetrachlorophenol

Concen: 31.80 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Tgt Ion:232 Resp: 26720

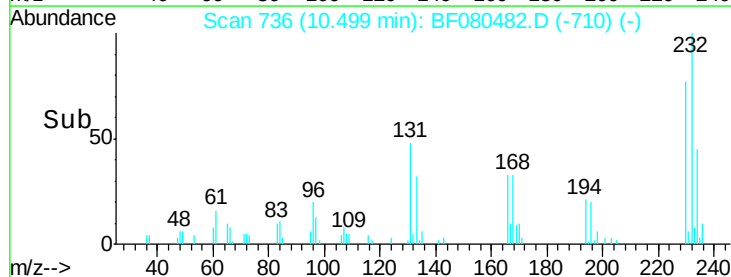
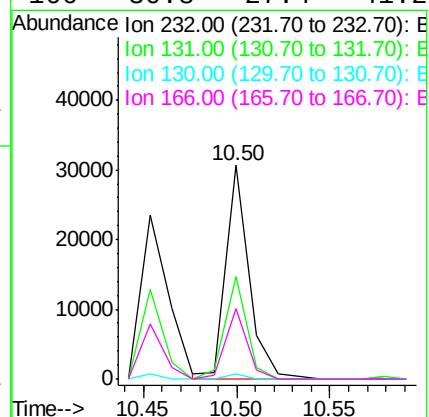
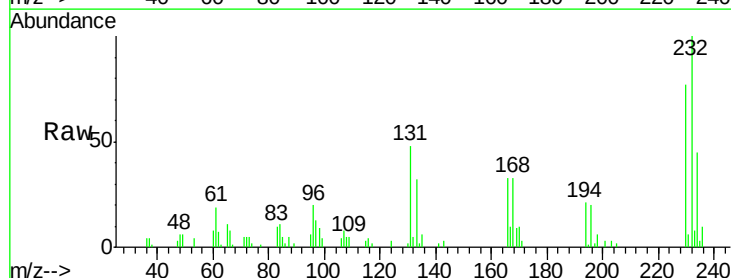
Ion Ratio Lower Upper

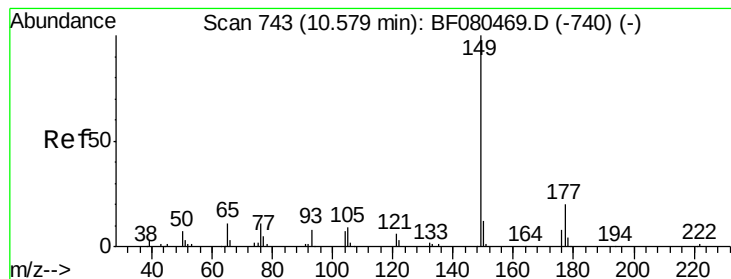
232 100

131 45.4 40.0 60.0

130 1.9 1.6 2.4

166 30.8 27.4 41.2





#59

Diethylphthalate

Concen: 29.14 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF080482.D

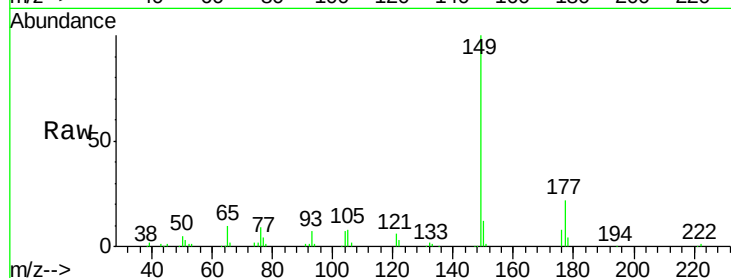
Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

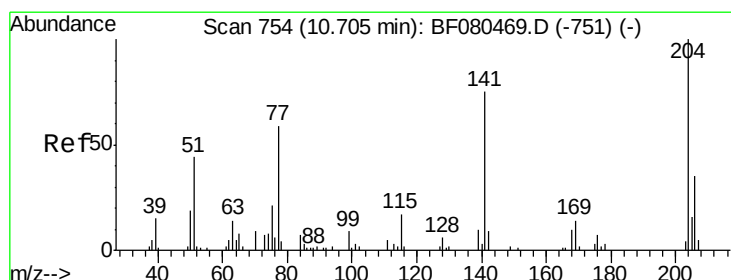
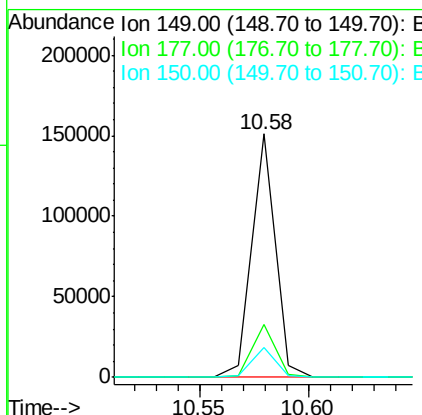
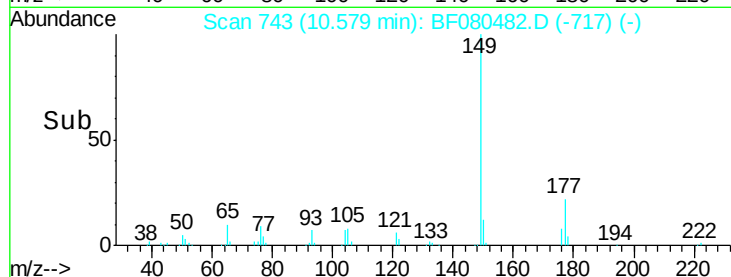
PB84491BS



Tgt Ion:	149	Resp:	113940
Ion Ratio	Lower	Upper	
149	100		
177	21.8	16.2	24.4
150	12.3	9.9	14.9

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#60

4-Chlorophenyl-phenylether

Concen: 29.63 ng

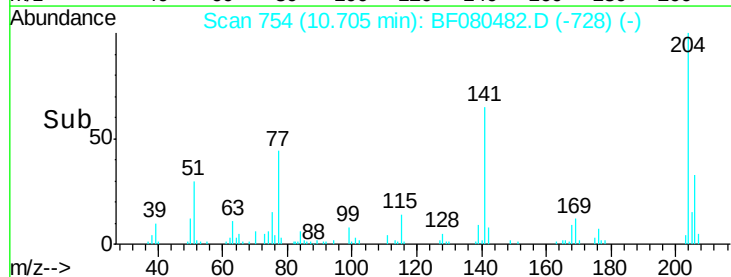
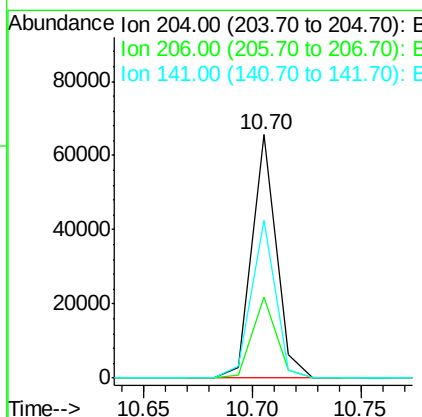
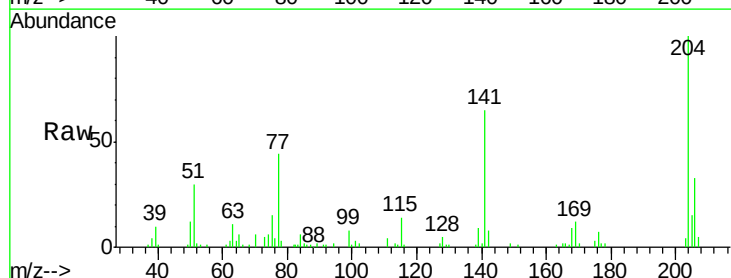
RT: 10.70 min Scan# 754

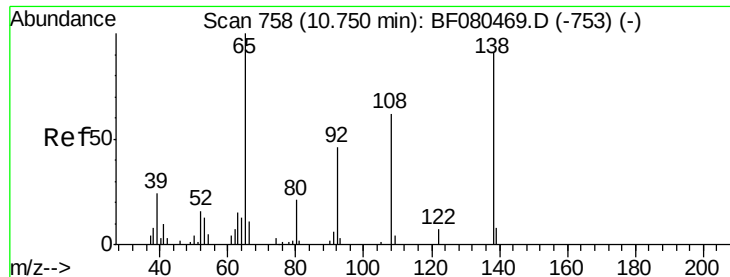
Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Tgt Ion:	204	Resp:	51142
Ion Ratio	Lower	Upper	
204	100		
206	33.4	27.7	41.5
141	64.7	59.6	89.4





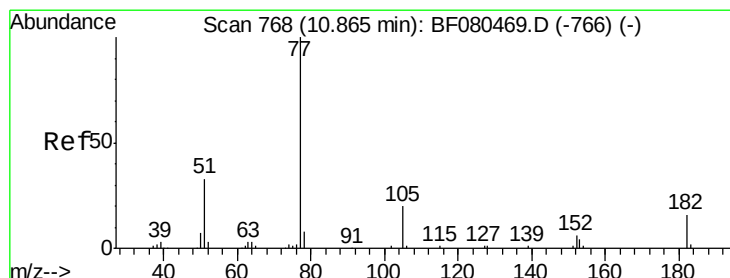
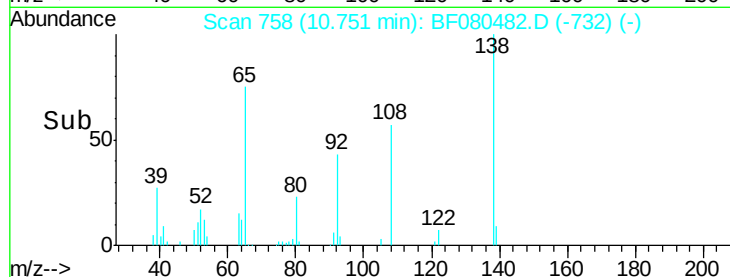
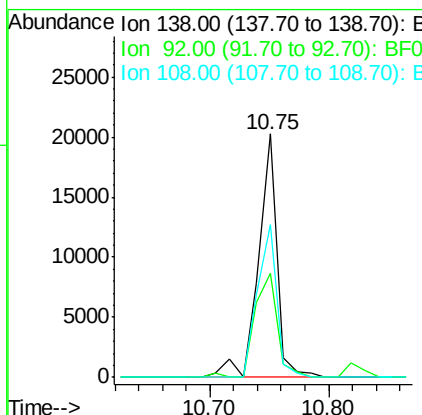
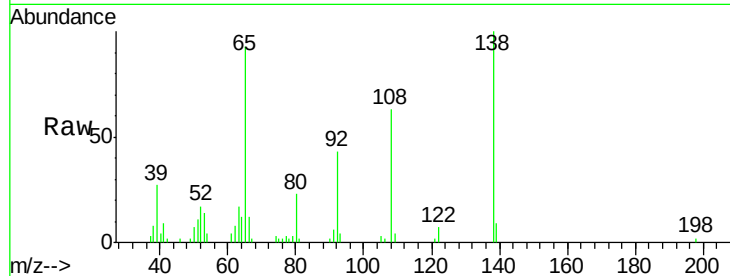
#61
4-Nitroaniline
Concen: 26.84 ng
RT: 10.75 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
138	100	22288		
92	42.8	30.5	70.5	
108	62.9	48.1	88.1	

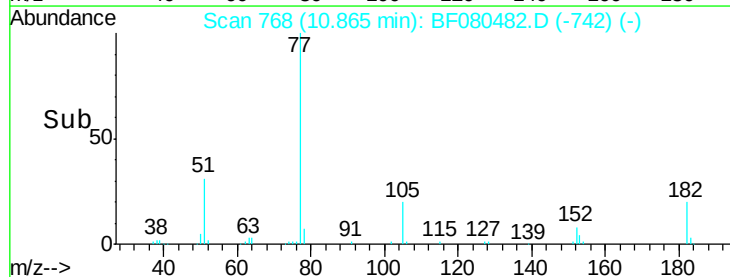
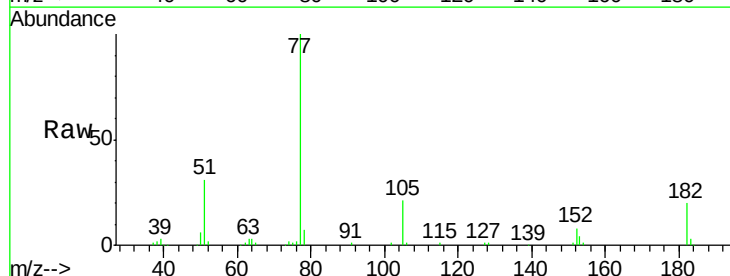
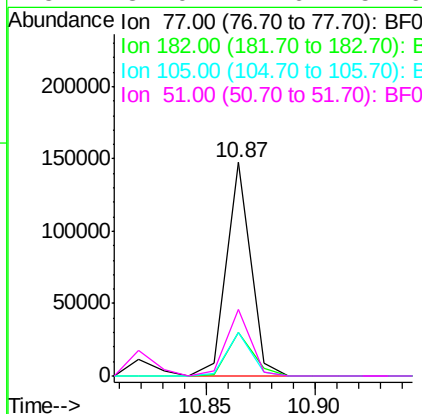
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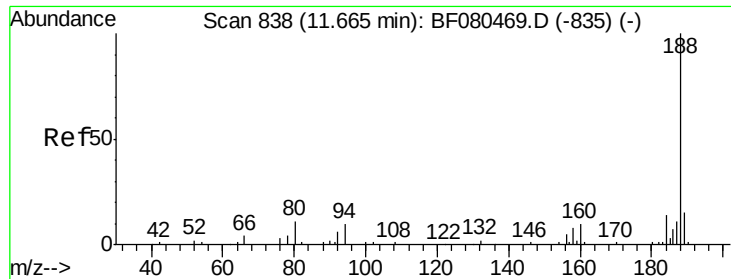
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#62
Azobenzene
Concen: 30.40 ng
RT: 10.87 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	113596		
182	20.2	0.0	36.0	
105	20.7	0.1	40.1	
51	31.0	12.6	52.6	





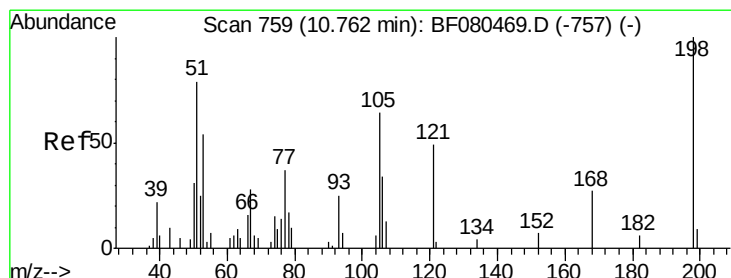
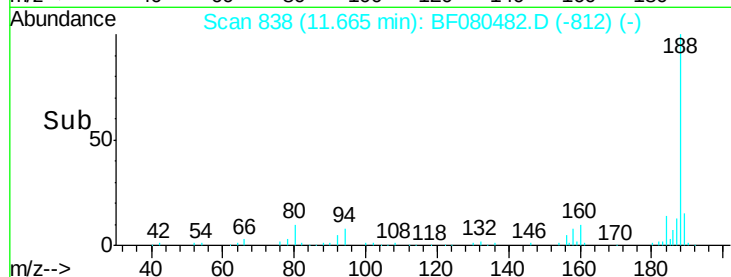
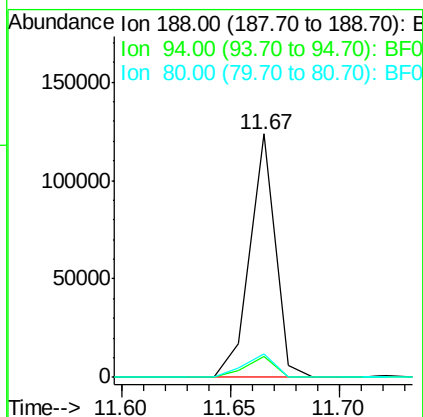
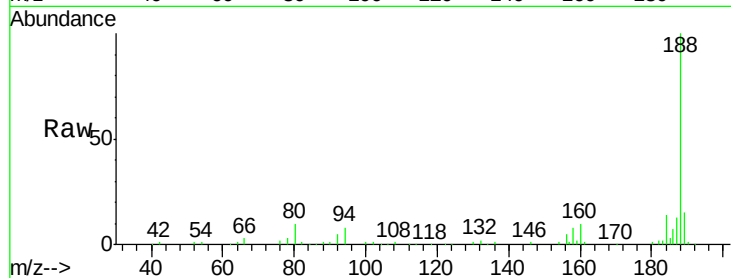
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.67 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.4	7.7	11.5
80	9.8	8.8	13.2

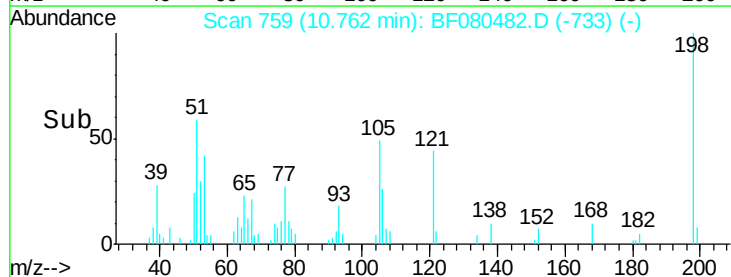
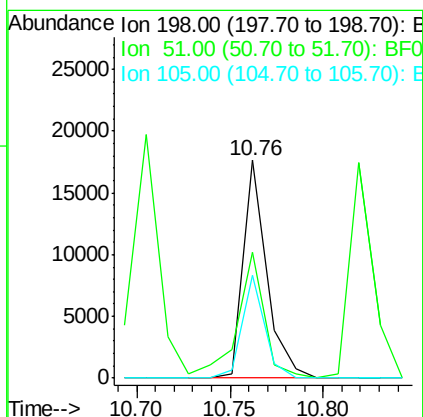
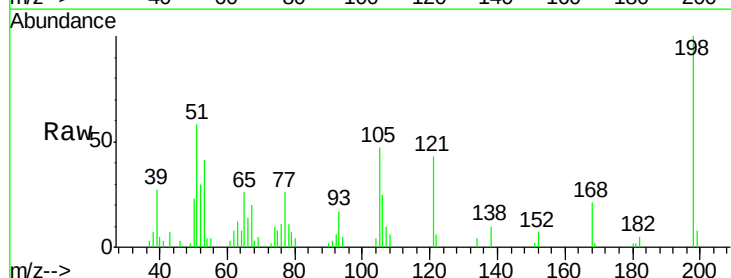
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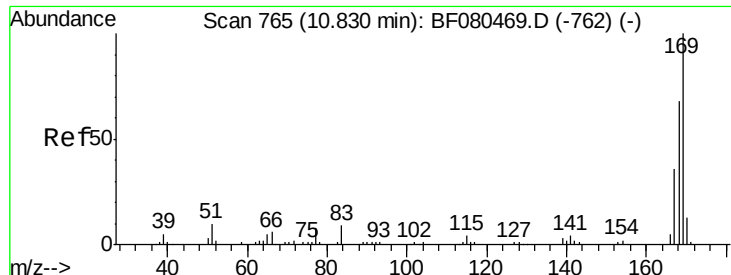
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.08 ng
RT: 10.76 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	57.6	62.5	102.5#
105	47.2	43.6	83.6





#65

n-Nitrosodiphenylamine

Concen: 26.05 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF080482.D

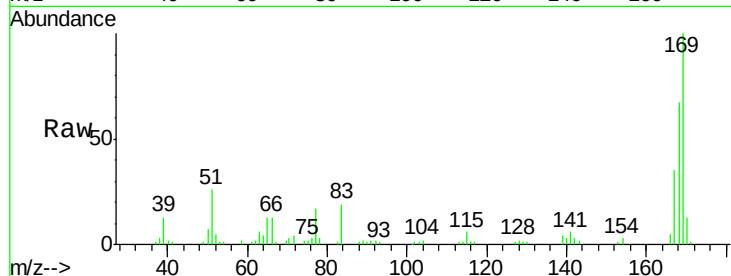
Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

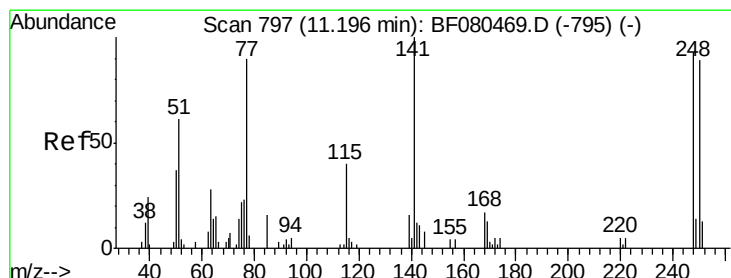
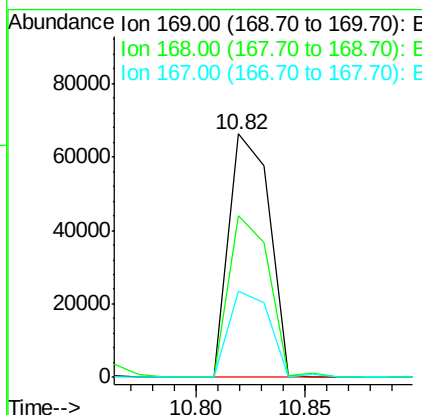
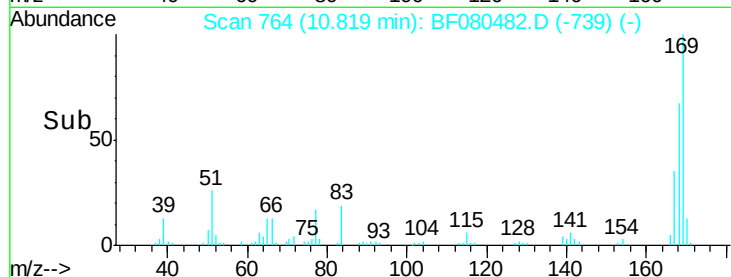
PB84491BS



Tgt Ion:	169	Resp:	85403
Ion Ratio	Lower	Upper	
169	100		
168	66.6	54.1	81.1
167	35.5	29.0	43.6

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#66

4-Bromophenyl-phenylether

Concen: 30.27 ng

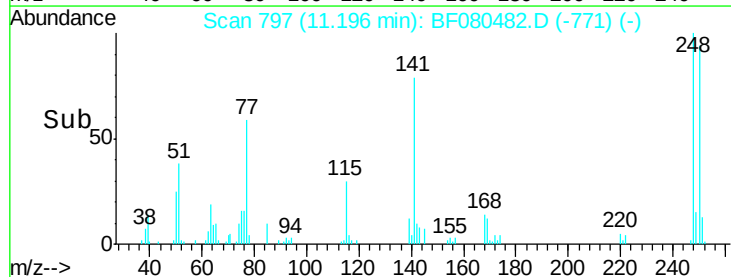
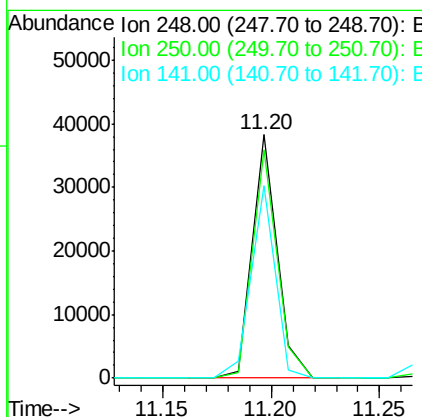
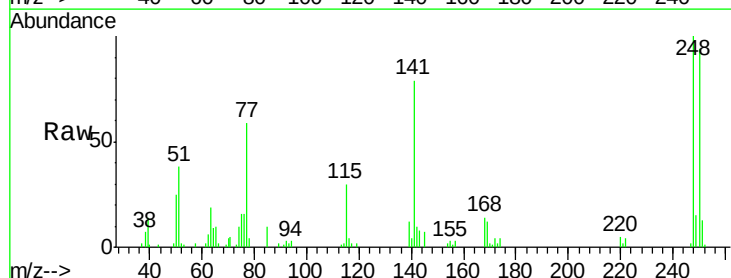
RT: 11.20 min Scan# 797

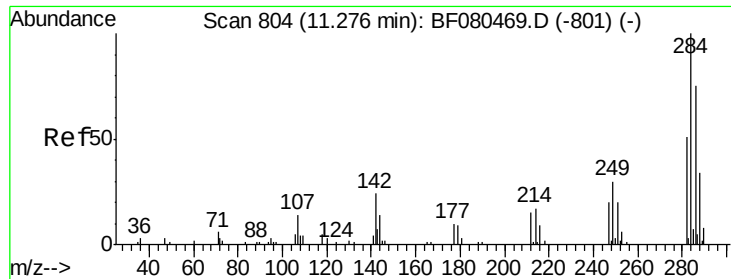
Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Tgt Ion:	248	Resp:	30468
Ion Ratio	Lower	Upper	
248	100		
250	93.7	76.8	115.2
141	78.9	86.3	129.5#





#67

Hexachlorobenzene

Concen: 26.77 ng

RT: 11.28 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF080482.D

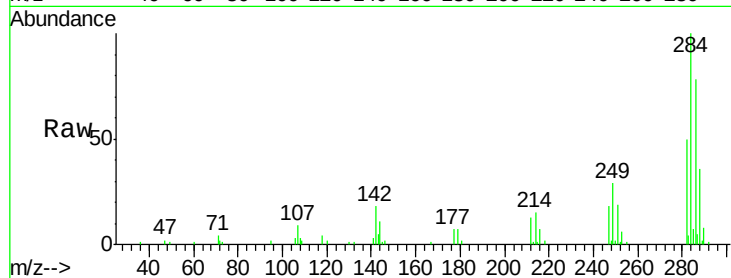
Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

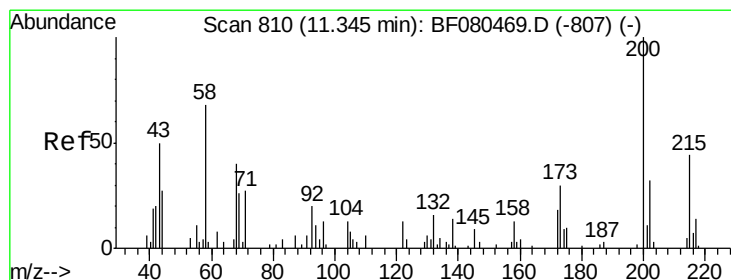
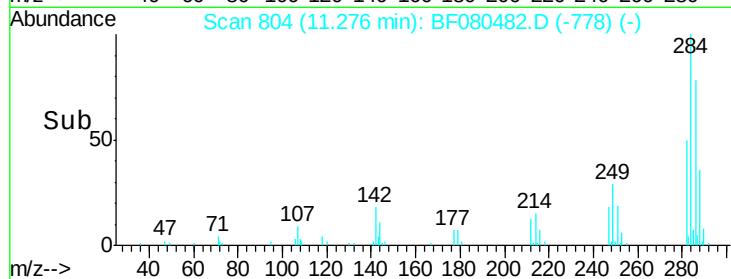
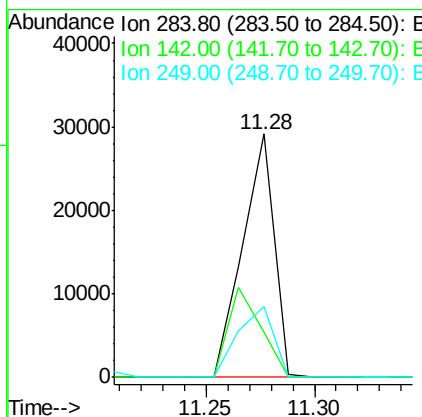
PB84491BS



Tgt Ion:	284	Resp:	29323
Ion Ratio	Lower	Upper	
284	100		
142	18.3	19.1	28.7#
249	29.0	23.9	35.9

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#68

Atrazine

Concen: 31.27 ng

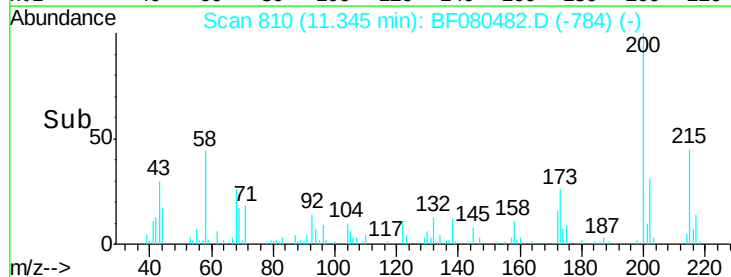
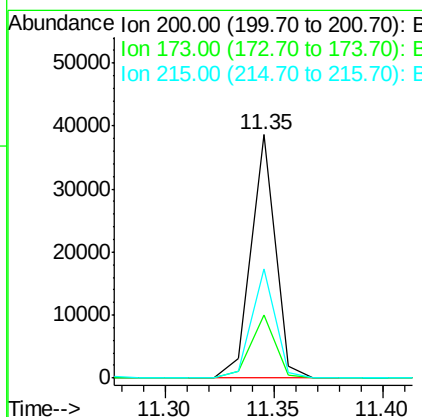
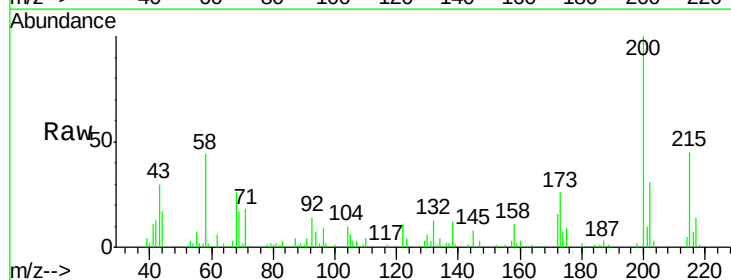
RT: 11.35 min Scan# 810

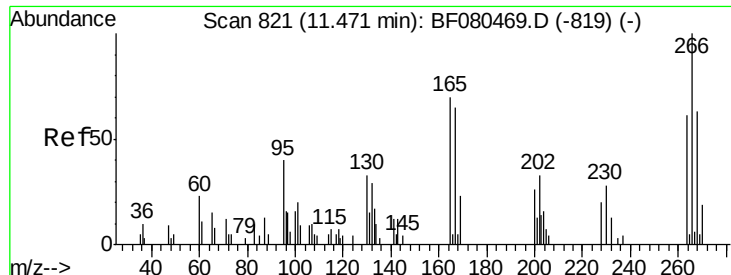
Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Tgt Ion:	200	Resp:	29866
Ion Ratio	Lower	Upper	
200	100		
173	26.1	9.7	49.7
215	44.6	23.7	63.7





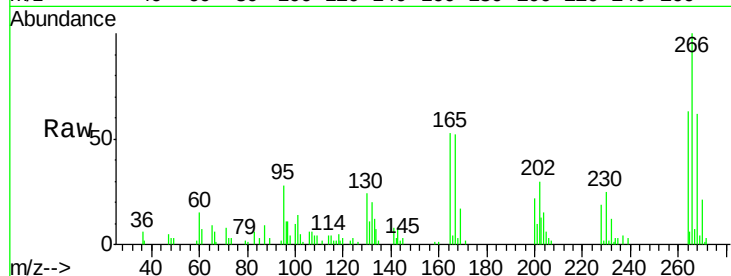
#69
 Pentachlorophenol
 Concen: 61.72 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	31143		
268	61.7	50.3	75.5	
264	63.2	48.6	72.8	

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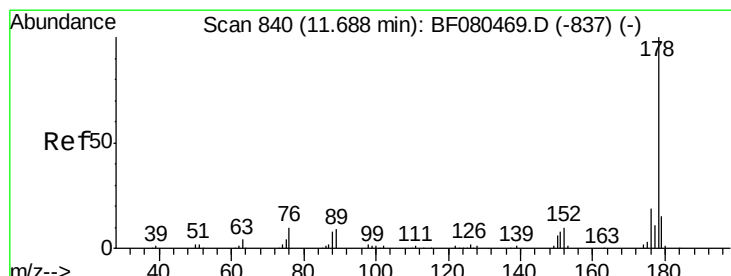
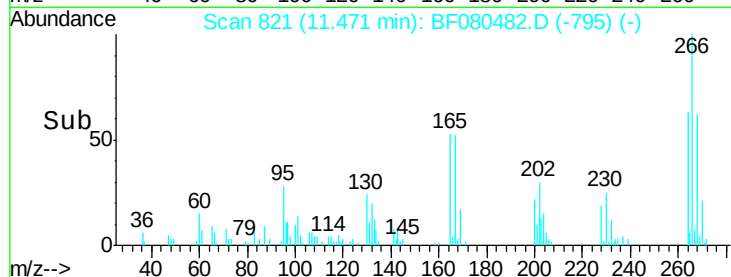
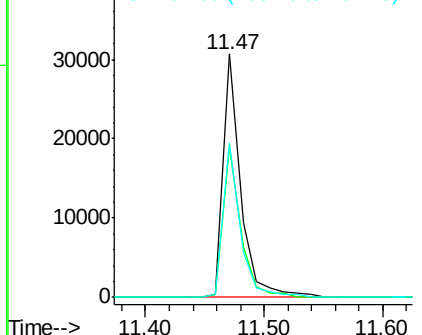


Abundance

Ion 265.70 (265.40 to 266.40): E

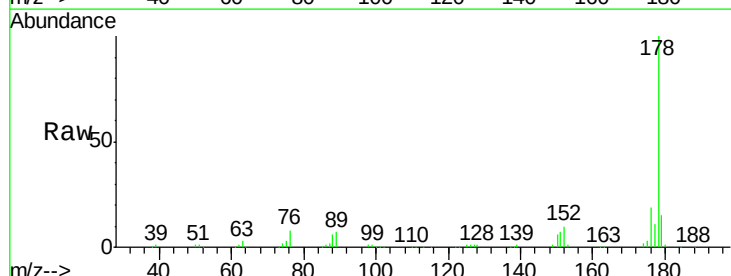
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 29.11 ng
 RT: 11.69 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	170766		
176	18.9	15.4	23.0	
179	15.4	11.8	17.6	

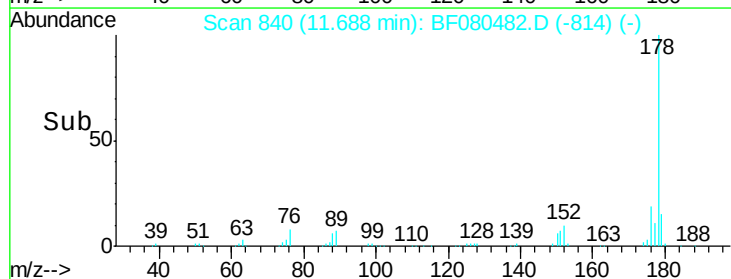
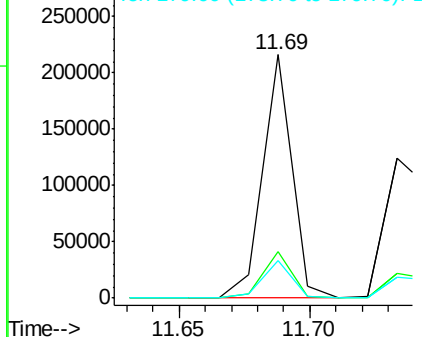


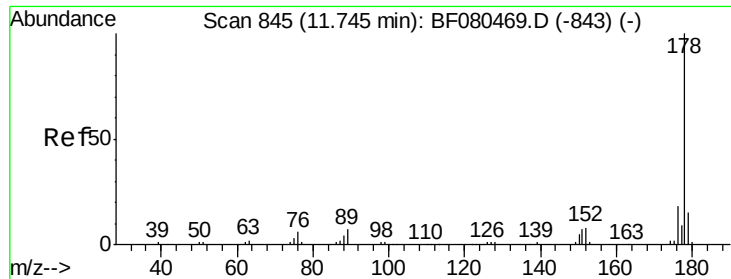
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





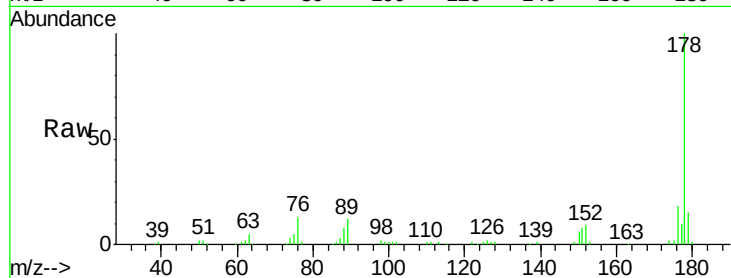
#71
 Anthracene
 Concen: 28.59 ng
 RT: 11.73 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

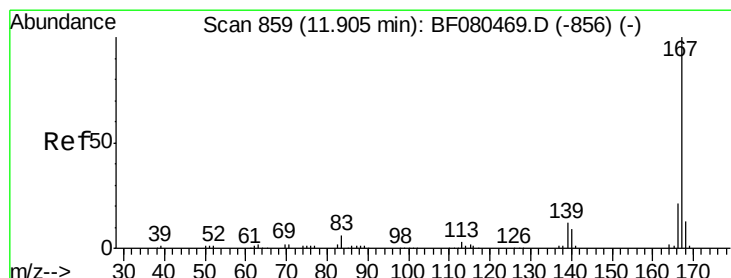
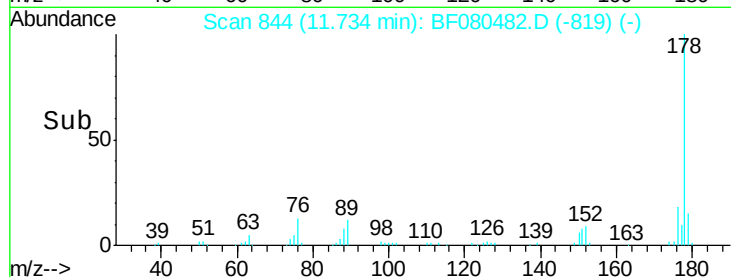
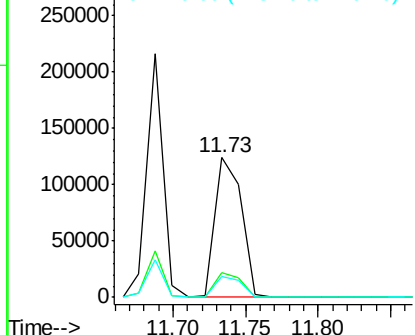
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	157680		
176	17.6	14.2	21.4	
179	15.0	11.8	17.6	

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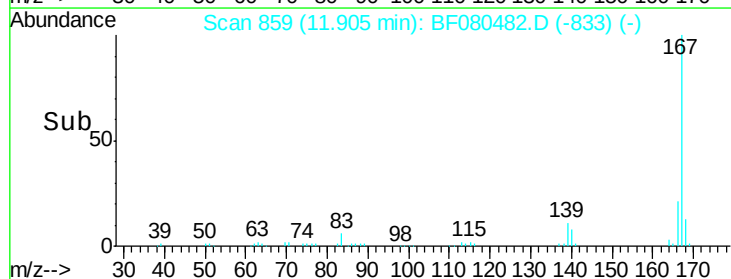
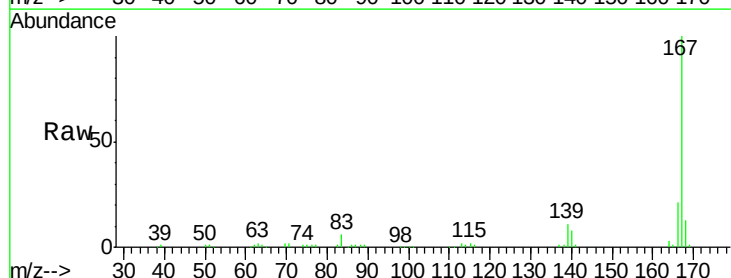
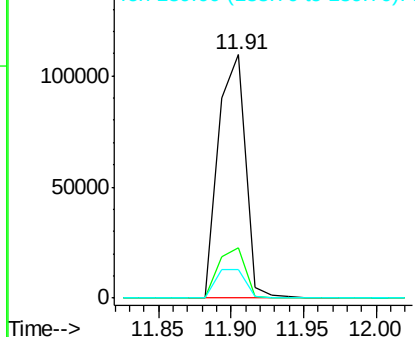
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

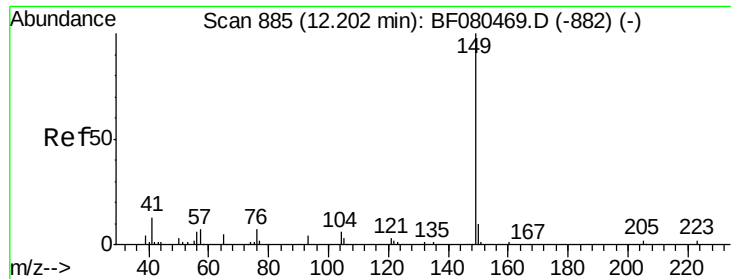


#72
 Carbazole
 Concen: 28.35 ng
 RT: 11.91 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	141648		
166	20.7	17.0	25.4	
139	11.5	9.4	14.0	

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





#73

Di-n-butylphthalate

Concen: 29.71 ng

RT: 12.21 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

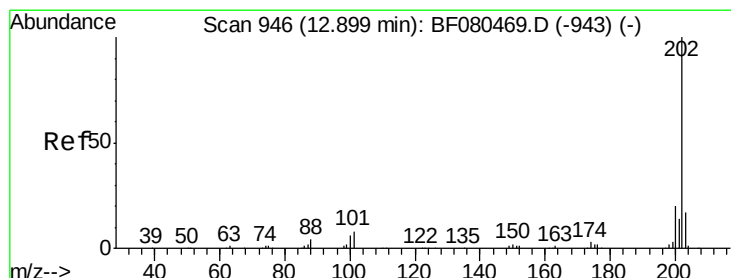
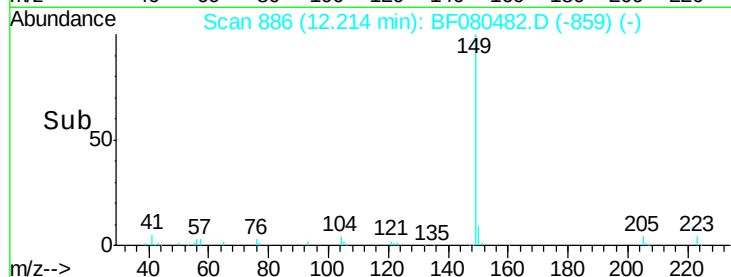
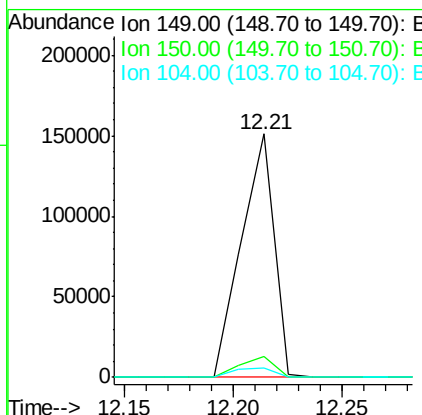
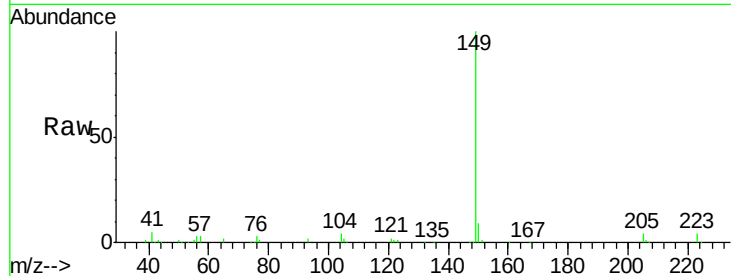
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	157509		
150	8.8	7.7	11.5	
104	4.1	5.0	7.4	

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#74

Fluoranthene

Concen: 30.76 ng

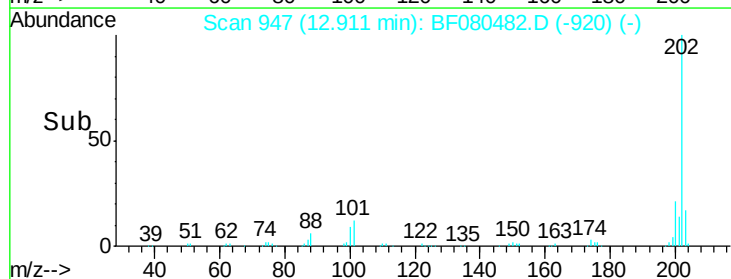
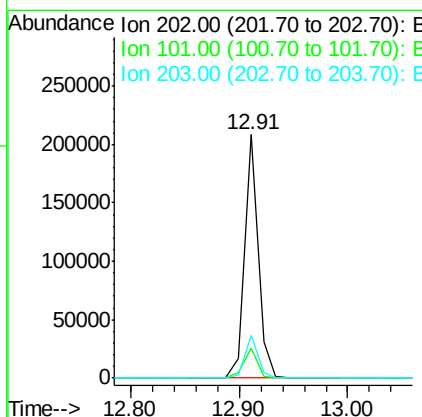
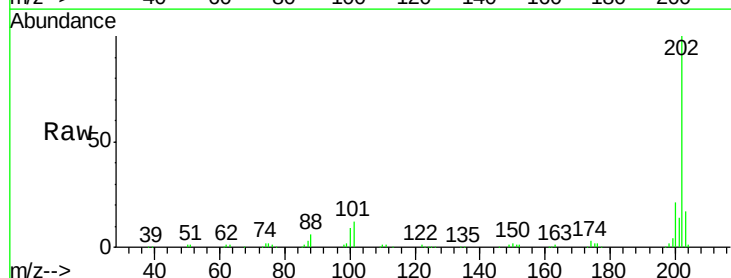
RT: 12.91 min Scan# 947

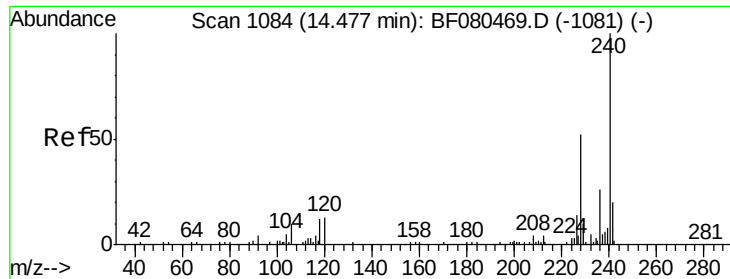
Delta R.T. 0.01 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	177928		
101	12.1	0.0	27.9	
203	17.4	0.0	37.2	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.52 min Scan# 1088

Delta R.T. 0.05 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

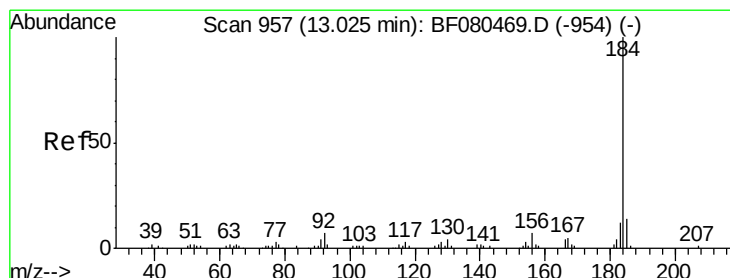
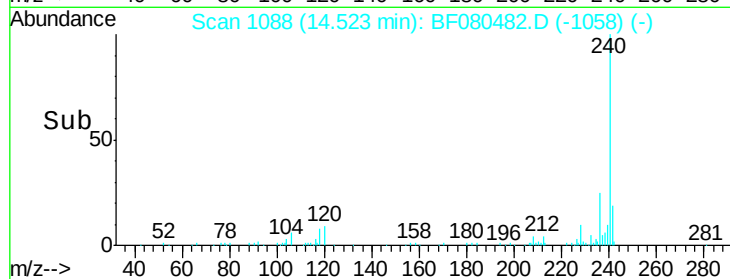
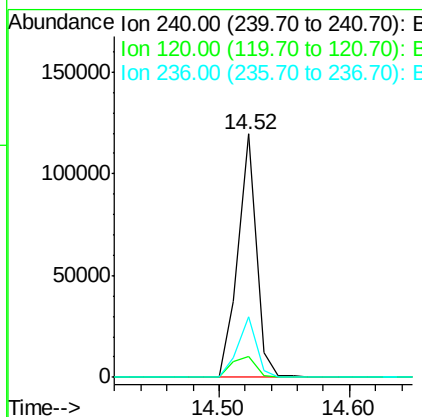
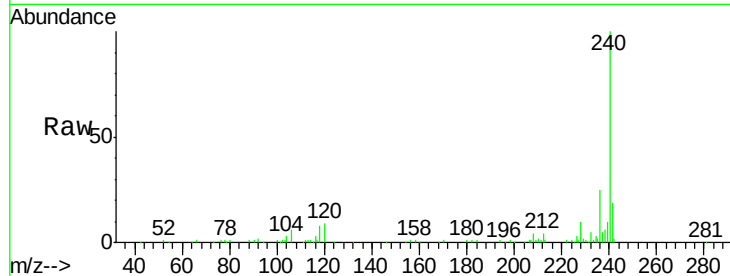
ClientSampleId :

PB84491BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	10.2	15.4#
236	25.1	20.6	30.8

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#76

Benzidine

Concen: 28.95 ng

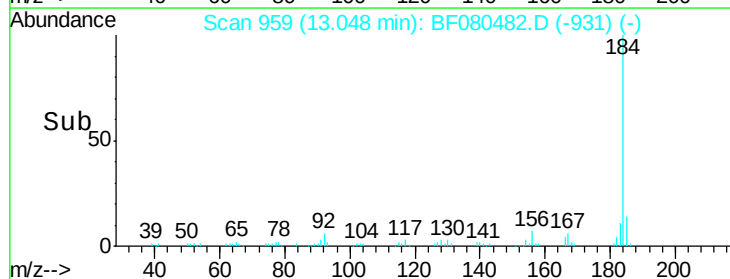
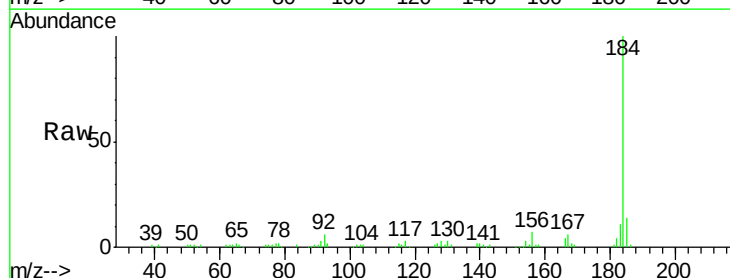
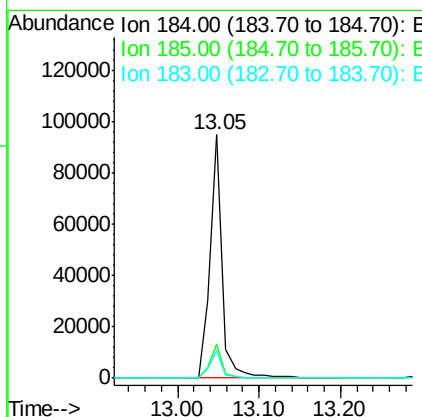
RT: 13.05 min Scan# 959

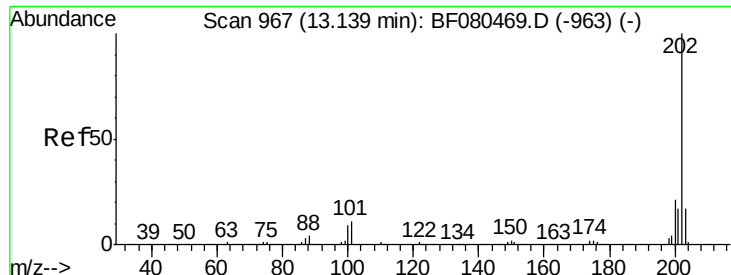
Delta R.T. 0.02 min

Lab File: BF080482.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.2	16.8
183	11.0	9.3	13.9





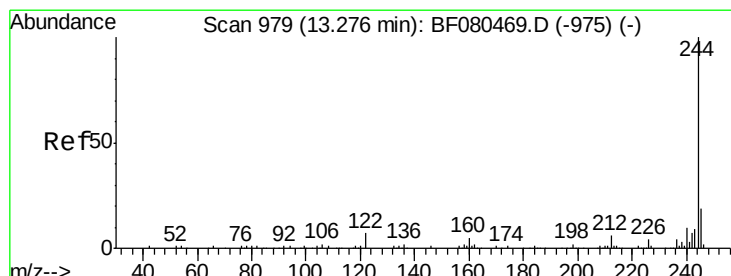
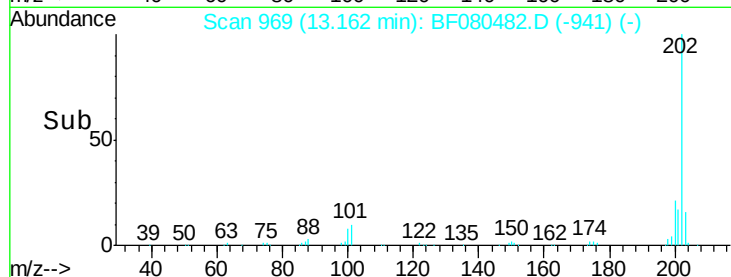
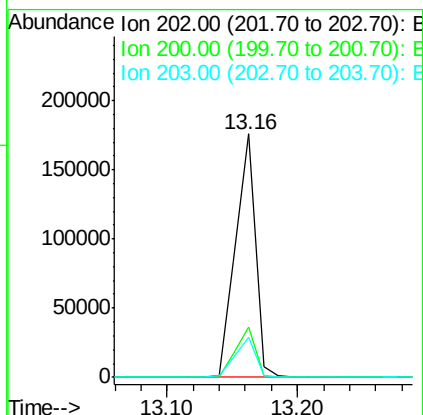
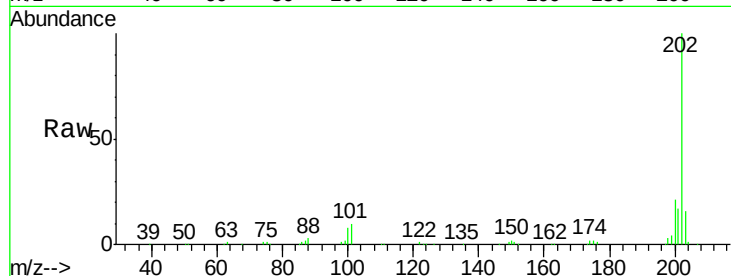
#77
 Pyrene
 Concen: 26.78 ng
 RT: 13.16 min Scan# 969
 Delta R.T. 0.02 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	185446		
200	20.6	16.6	24.8	
203	16.4	13.8	20.6	

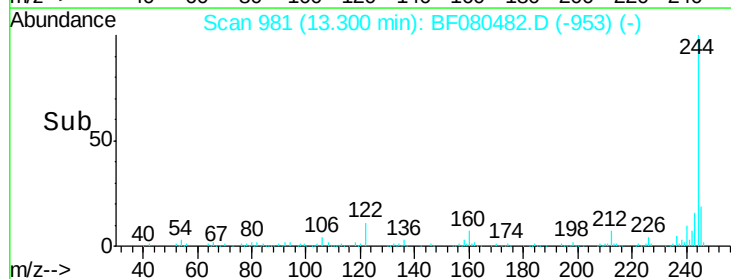
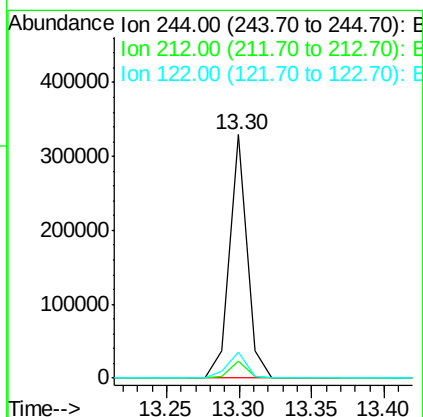
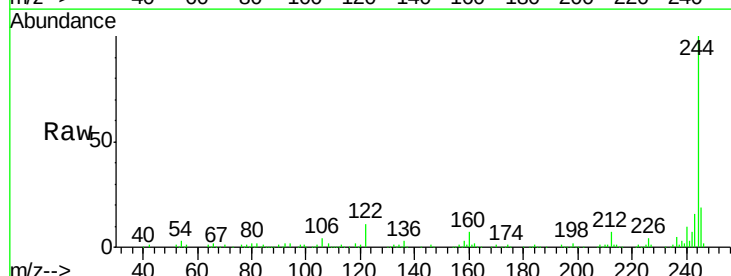
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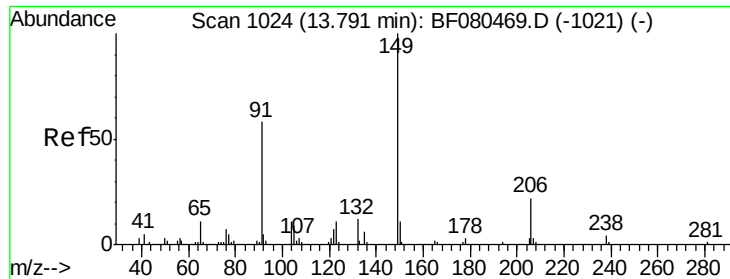
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#78
 Terphenyl-d14
 Concen: 57.04 ng
 RT: 13.30 min Scan# 981
 Delta R.T. 0.02 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	278383		
212	7.0	4.9	7.3	
122	10.8	5.2	7.8#	





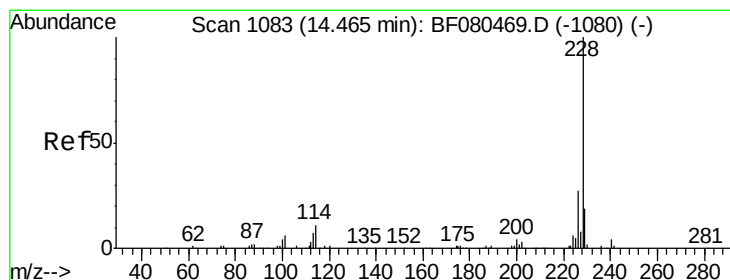
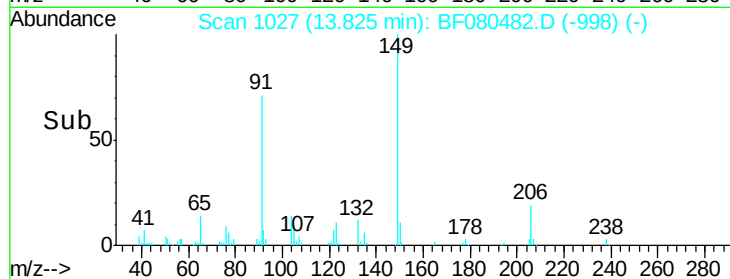
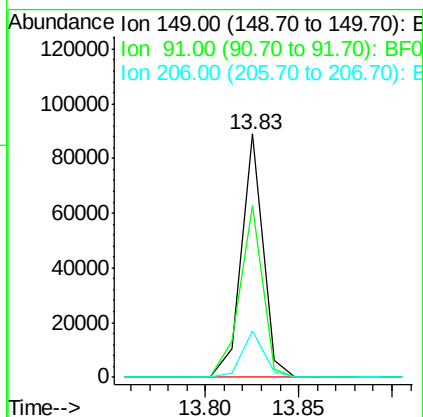
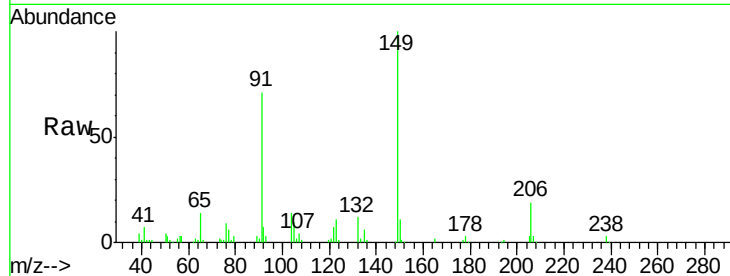
#79
Butylbenzylphthalate
Concen: 28.76 ng
RT: 13.83 min Scan# 1027
Delta R.T. 0.03 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	70.7	46.6	69.8#
206	19.1	17.5	26.3

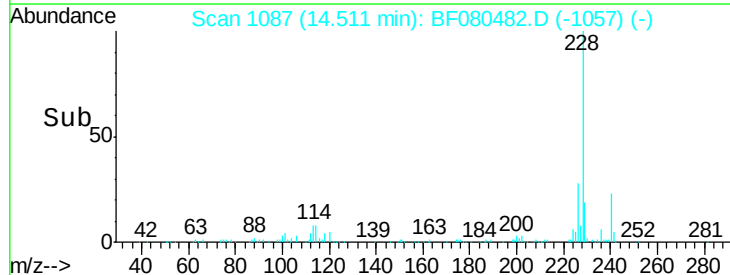
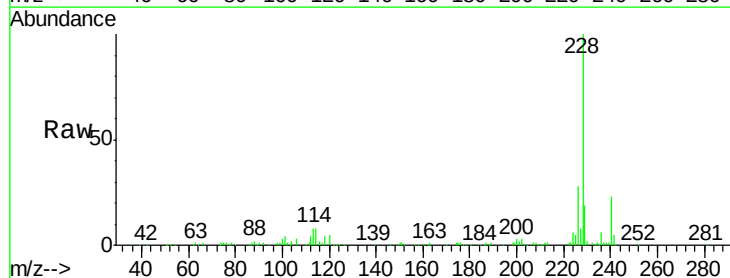
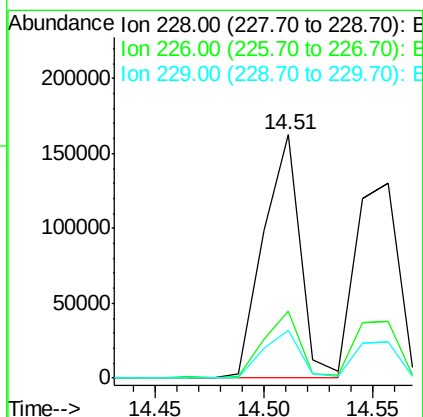
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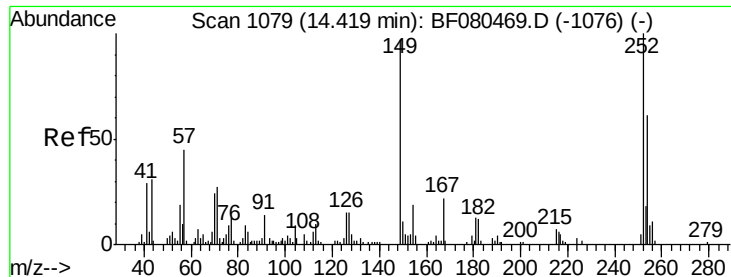
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#80
Benzo(a)anthracene
Concen: 28.14 ng
RT: 14.51 min Scan# 1087
Delta R.T. 0.05 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.6	21.8	32.8
229	19.4	15.3	22.9





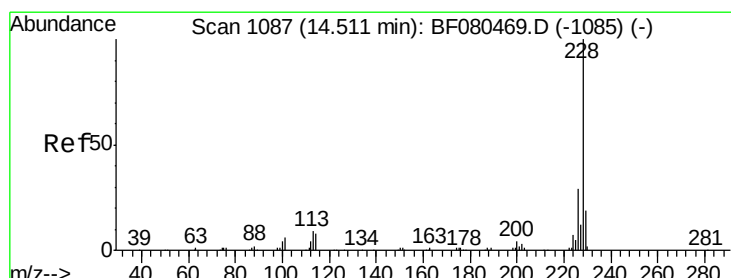
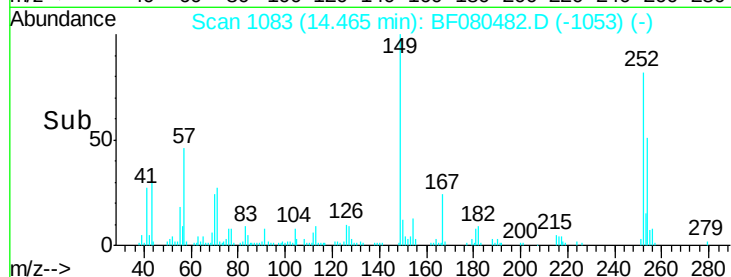
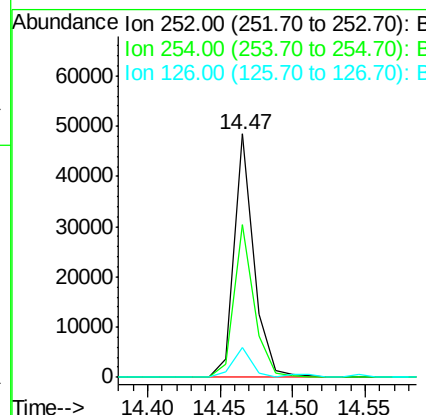
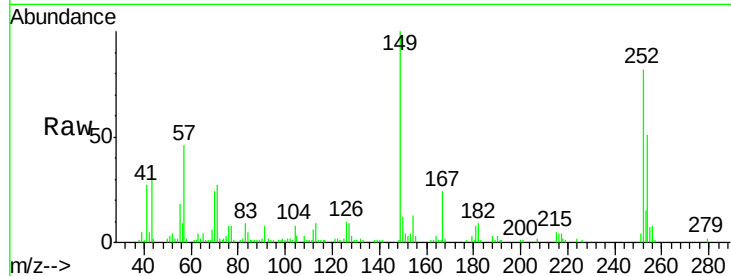
#81
 3,3'-Dichlorobenzidine
 Concen: 21.21 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. 0.05 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.6	48.9	73.3
126	12.3	11.7	17.5

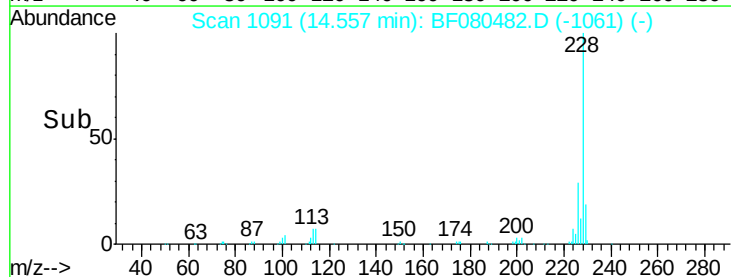
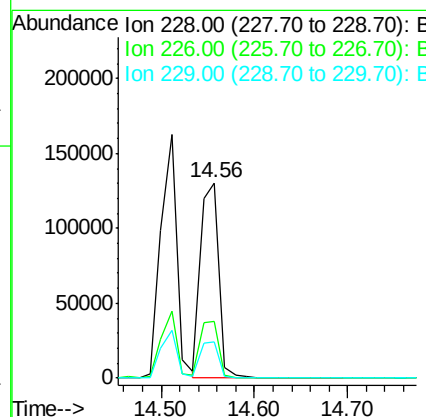
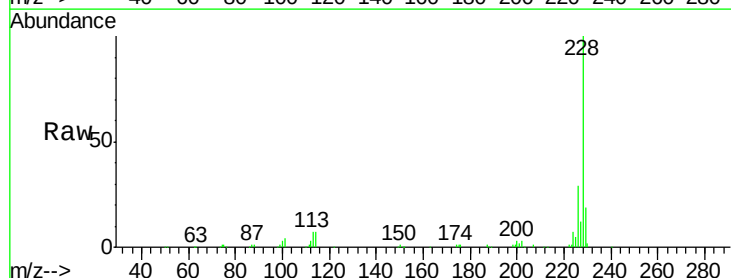
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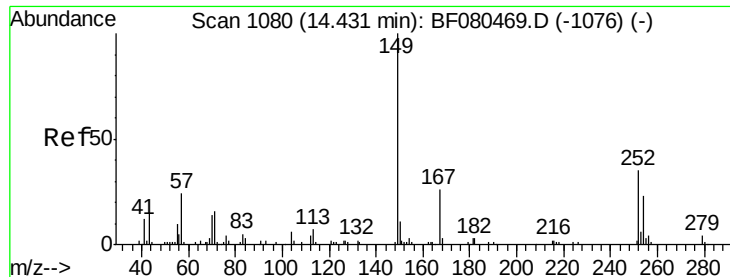
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#82
 Chrysene
 Concen: 27.54 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. 0.05 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.0	23.1	34.7
229	18.7	15.3	22.9





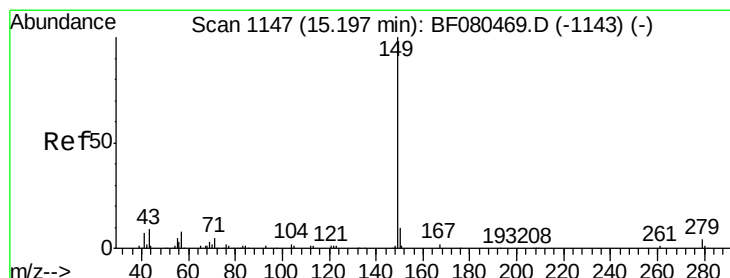
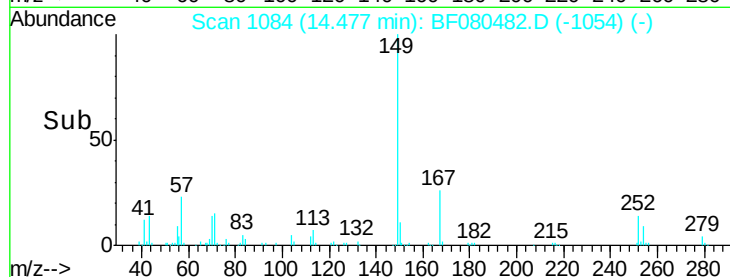
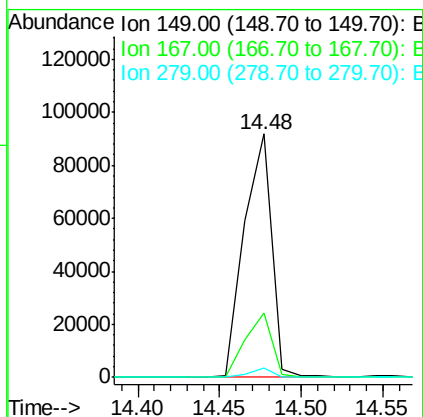
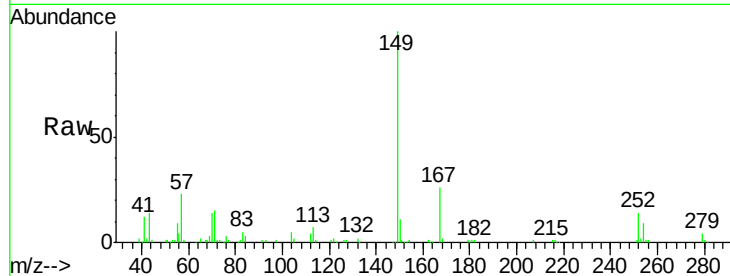
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.21 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. 0.05 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	107354		
167	26.2	21.1	31.7	
279	3.9	3.3	4.9	

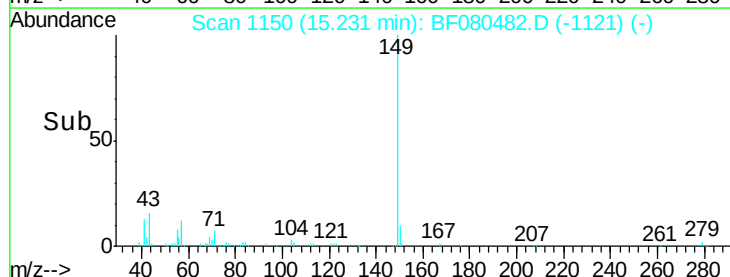
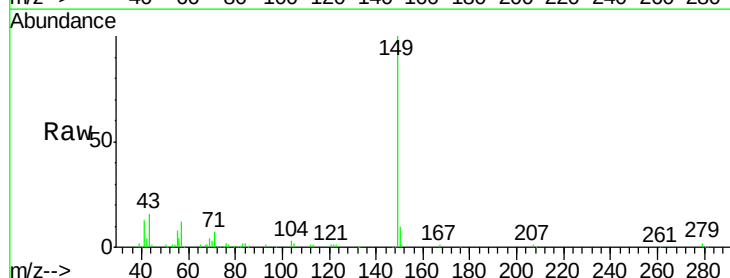
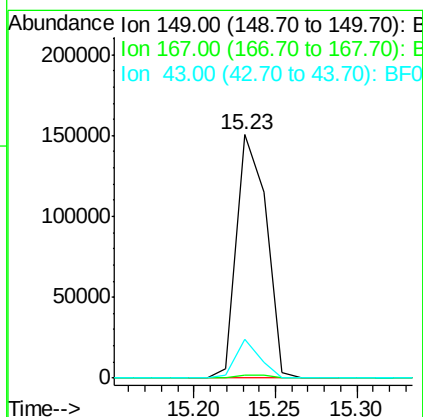
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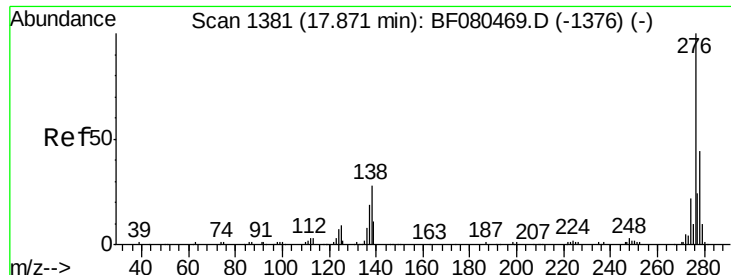
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#84
 Di-n-octyl phthalate
 Concen: 28.58 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. 0.03 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	188658		
167	1.4	1.1	1.7	
43	12.9	9.9	14.9	





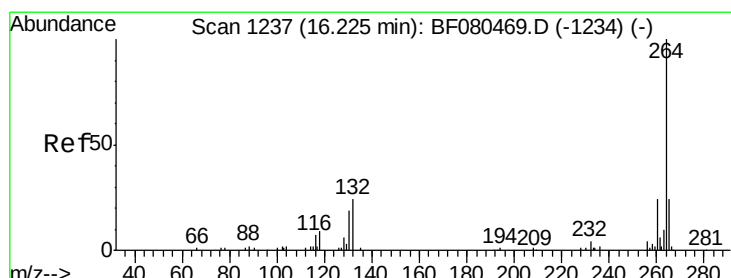
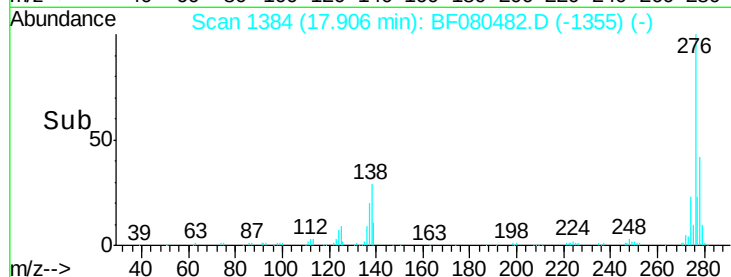
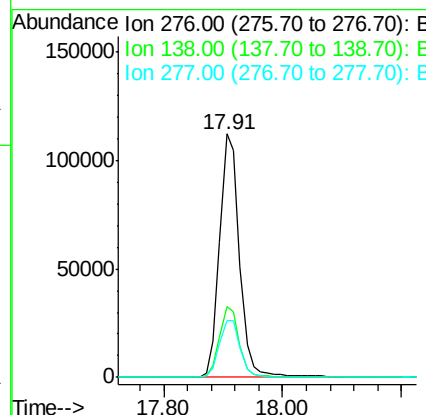
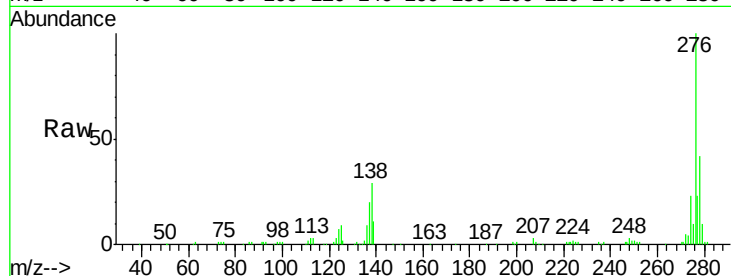
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.09 ng
 RT: 17.91 min Scan# 1384
 Delta R.T. 0.03 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	261504		
138	28.8	23.0	34.6	
277	24.5	19.7	29.5	

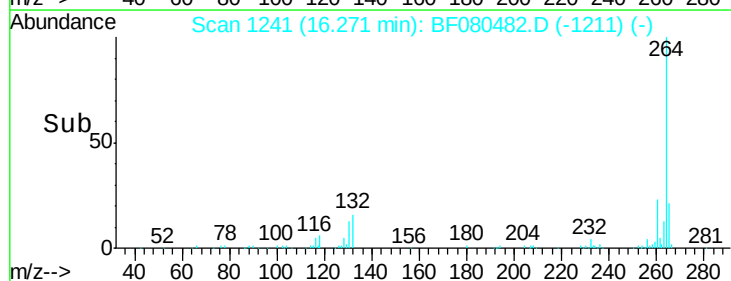
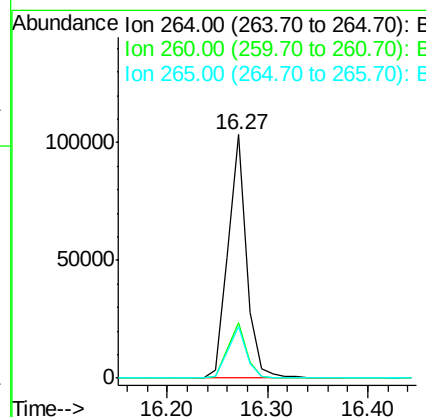
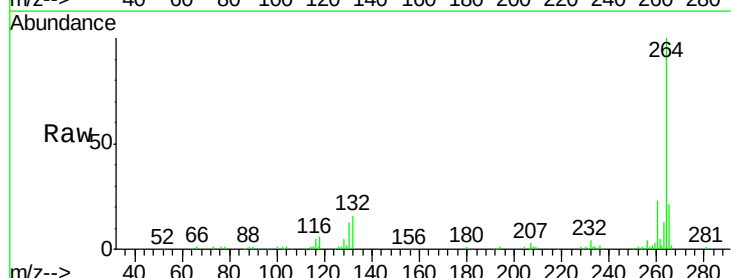
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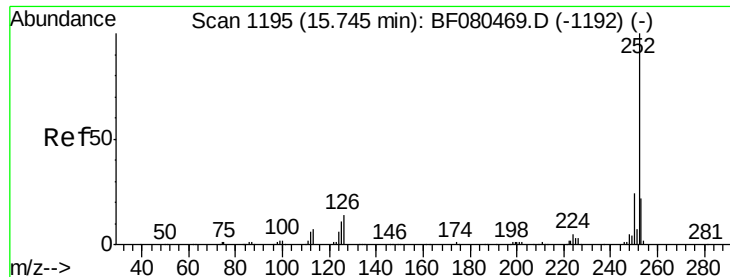
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 1241
 Delta R.T. 0.05 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	133309		
260	22.9	19.0	28.6	
265	21.1	18.9	28.3	





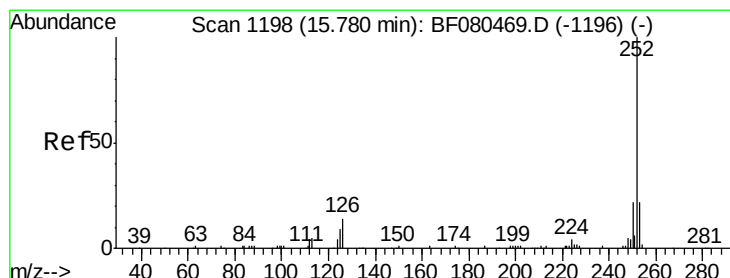
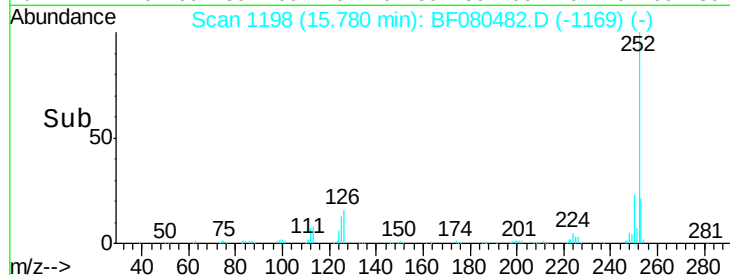
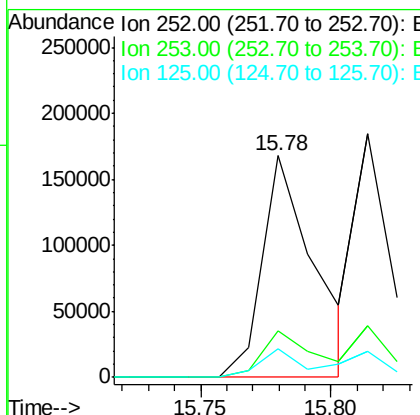
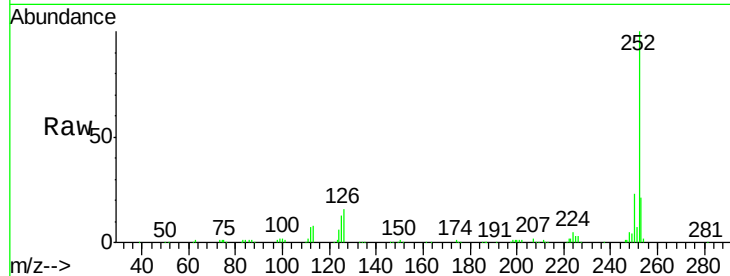
#87
Benzo(b)fluoranthene
Concen: 30.46 ng
RT: 15.78 min Scan# 1198
Delta R.T. 0.03 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.1	17.5	26.3
125	12.9	9.0	13.4

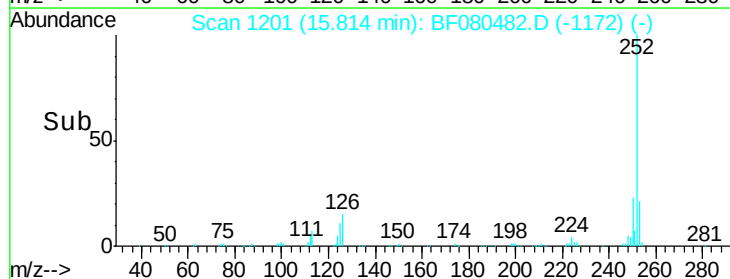
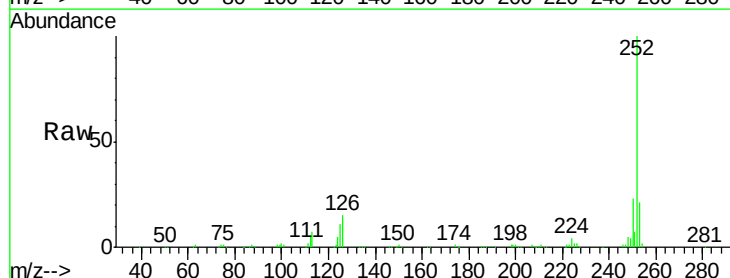
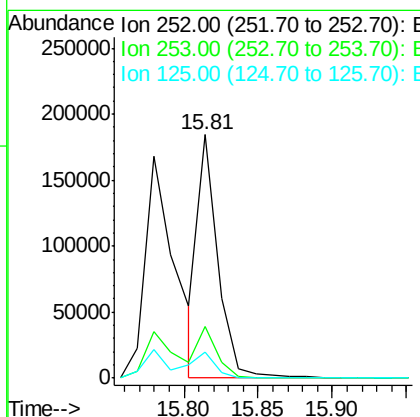
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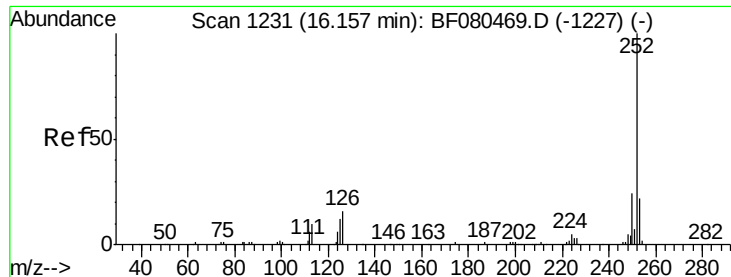
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#88
Benzo(k)fluoranthene
Concen: 24.25 ng m
RT: 15.81 min Scan# 1201
Delta R.T. 0.03 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.3	17.0	25.6
125	10.7	7.0	10.4





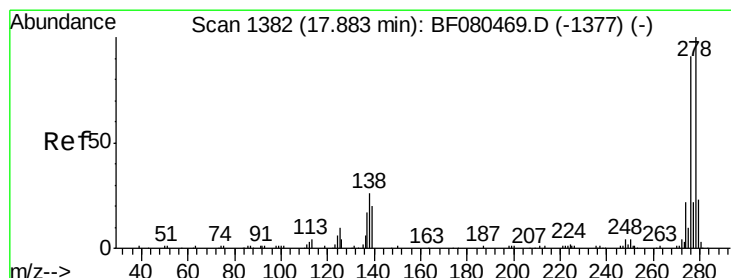
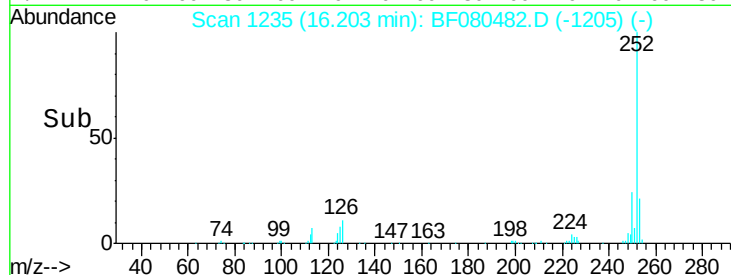
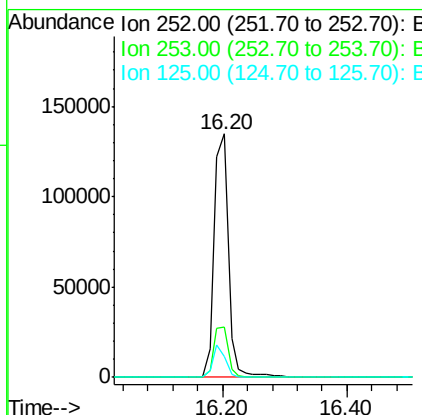
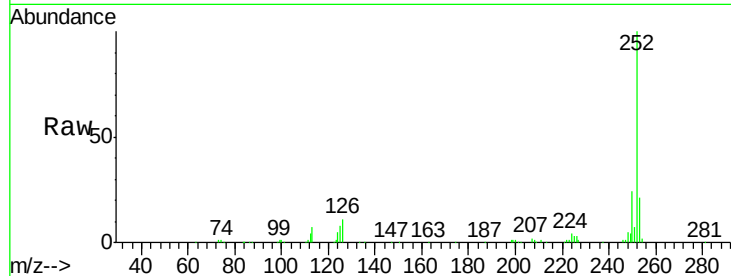
#89
Benzo(a)pyrene
Concen: 28.32 ng
RT: 16.20 min Scan# 1235
Delta R.T. 0.05 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	20.9	17.8	26.8
125	8.4	9.9	14.9

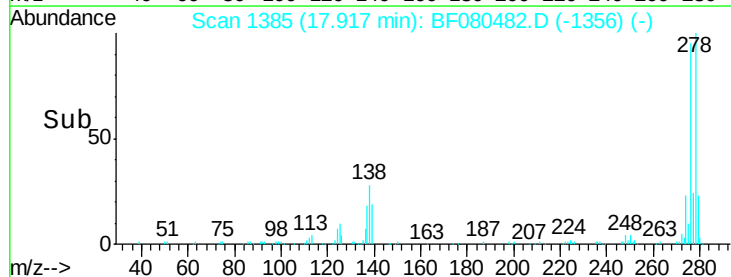
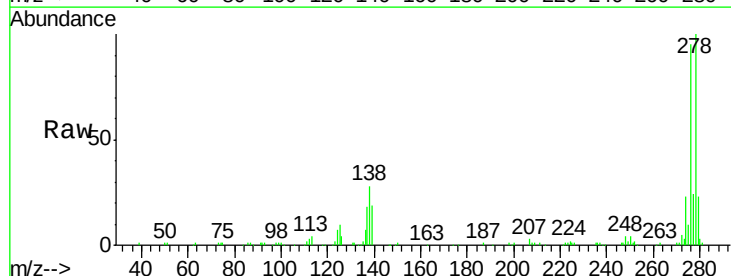
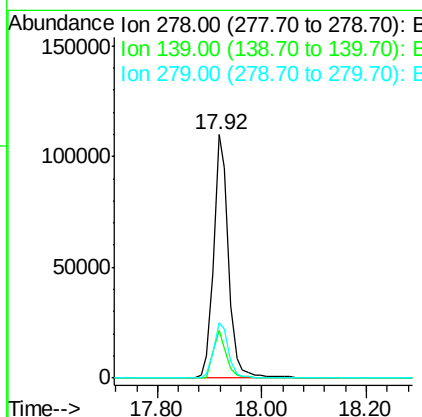
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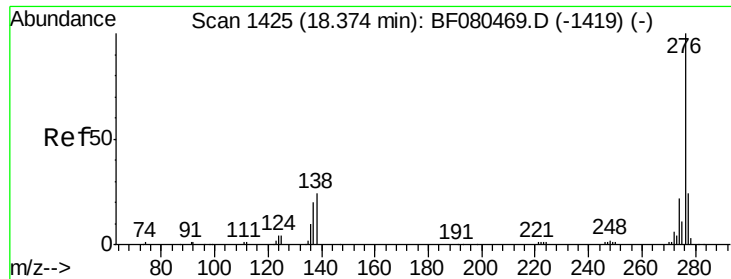
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#90
Dibenzo(a,h)anthracene
Concen: 25.68 ng
RT: 17.92 min Scan# 1385
Delta R.T. 0.03 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	19.4	16.0	24.0
279	22.7	18.4	27.6





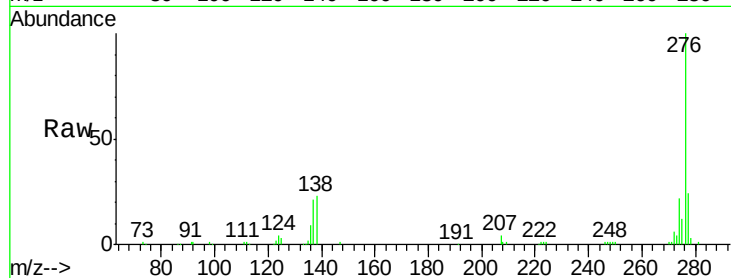
#91
 Benzo(g,h,i)perylene
 Concen: 24.28 ng
 RT: 18.41 min Scan# 1428
 Delta R.T. 0.03 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt	Ion	276	Resp:	216202
Ion	Ratio	Lower	Upper	
276	100			
277	23.7	19.1	28.7	
138	23.1	19.1	28.7	

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

