

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077815.D
 Acq On : 19 Mar 2015 2:22
 Operator : TP/IZ
 Sample : PB82167BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Manual Integrations
 APPROVED

mohammad
 3/20/2015 1:48:37 PM

Quant Time: Mar 19 04:48:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:21:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	37831	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	149712	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	74293	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	144124	20.00	ng	0.00
75) Chrysene-d12	16.03	240	166055	20.00	ng	0.00
86) Perylene-d12	17.78	264	164967	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	275362	127.05	ng	0.01
7) Phenol-d6	6.73	99	361561	135.02	ng	0.00
23) Nitrobenzene-d5	7.85	82	189167	82.83	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	86607	121.84	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	430512	85.16	ng	0.00
78) Terphenyl-d14	14.74	244	542809	79.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	34697	35.26	ng	# 100
3) Pyridine	2.75	79	83880	31.73	ng	97
4) n-Nitrosodimethylamine	2.67	42	42423	36.85	ng	93
6) Aniline	6.75	93	57044	14.89	ng	# 70
8) 2-Chlorophenol	6.89	128	106265	41.19	ng	98
9) Benzaldehyde	6.60	77	6347	5.79	ng	95
10) Phenol	6.74	94	129683	40.97	ng	84
11) bis(2-Chloroethyl)ether	6.85	93	95059	40.09	ng	99
12) 1,3-Dichlorobenzene	7.08	146	111506	38.86	ng	100
13) 1,4-Dichlorobenzene	7.18	146	109989	36.89	ng	99
14) 1,2-Dichlorobenzene	7.37	146	104462	38.22	ng	99
15) Benzyl Alcohol	7.34	79	81578	39.03	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.53	45	123669	38.71	ng	100
17) 2-Methylphenol	7.49	107	82837	39.44	ng	97
18) Hexachloroethane	7.78	117	36325	37.15	ng	97
19) n-Nitroso-di-n-propylamine	7.68	70	67649	36.52	ng	99
20) 3+4-Methylphenols	7.69	107	109491	39.73	ng	97
22) Acetophenone	7.66	105	136842	41.29	ng	# 97
24) Nitrobenzene	7.87	77	97588	39.66	ng	99
25) Isophorone	8.18	82	184039	39.90	ng	99
26) 2-Nitrophenol	8.27	139	49528	41.12	ng	96
27) 2,4-Dimethylphenol	8.34	122	95945	43.72	ng	98
28) bis(2-Chloroethoxy)methane	8.46	93	113169	40.42	ng	98
29) 2,4-Dichlorophenol	8.57	162	91979	43.97	ng	99
30) 1,2,4-Trichlorobenzene	8.67	180	91924	39.28	ng	99
31) Naphthalene	8.76	128	307060	39.93	ng	100
32) Benzoic acid	8.45	122	38113	32.22	ng	95
33) 4-Chloroaniline	8.84	127	53634	17.19	ng	97
34) Hexachlorobutadiene	8.92	225	48750	36.75	ng	98
35) Caprolactam	9.26	113	27908	45.65	ng	# 82
36) 4-Chloro-3-methylphenol	9.45	107	90834	43.16	ng	88
37) 2-Methylnaphthalene	9.62	142	208530	40.37	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	89061	40.19	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	84451	76.28	ng	98

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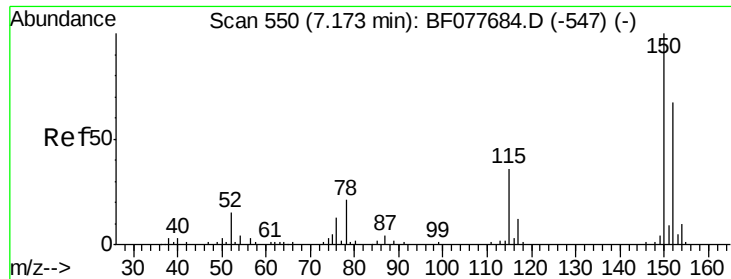
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 3/20/2015 1:48:37 PM

Quant Time: Mar 19 04:48:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	61176	39.86	nq	98
43) 2,4,5-Trichlorophenol	10.02	196	68768	41.47	nq	# 90
45) 1,1'-Biphenyl	10.20	154	244924	41.24	nq	99
46) 2-Chloronaphthalene	10.22	162	196596	40.73	nq	97
47) 2-Nitroaniline	10.35	65	53377	44.53	nq	# 83
48) Acenaphthylene	10.73	152	304283	37.91	nq	99
49) Dimethylphthalate	10.59	163	226866	41.17	nq	99
50) 2,6-Dinitrotoluene	10.67	165	49448	43.29	nq	# 70
51) Acenaphthene	10.95	154	186485	40.53	nq	99
52) 3-Nitroaniline	10.87	138	34217	25.79	nq	92
53) 2,4-Dinitrophenol	11.00	184	36824	86.98	nq	# 75
54) Dibenzofuran	11.16	168	293314	42.98	nq	97
55) 4-Nitrophenol	11.08	139	85616	87.13	nq	# 70
56) 2,4-Dinitrotoluene	11.16	165	70195	47.13	nq	# 75
57) Fluorene	11.59	166	232287	40.99	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	54078	42.35	nq	# 100
59) Diethylphthalate	11.47	149	226319	42.15	nq	97
60) 4-Chlorophenyl-phenylether	11.60	204	106483	41.17	nq	95
61) 4-Nitroaniline	11.62	138	58024	43.89	nq	85
62) Azobenzene	11.79	77	215123	41.92	nq	94
64) 4,6-Dinitro-2-methylphenol	11.67	198	25636	38.60	nq	# 69
65) n-Nitrosodiphenylamine	11.75	169	209879	43.73	nq	98
66) 4-Bromophenyl-phenylether	12.20	248	64160	41.71	nq	# 91
67) Hexachlorobenzene	12.26	284	69125	40.90	nq	# 93
68) Atrazine	12.42	200	63228	47.01	nq	95
69) Pentachlorophenol	12.51	266	72613	81.96	nq	96
70) Phenanthrene	12.77	178	361548	43.70	nq	100
71) Anthracene	12.84	178	359775	44.01	nq	99
72) Carbazole	13.05	167	355098	45.67	nq	99
73) Di-n-butylphthalate	13.51	149	353193	40.51	nq	99
74) Fluoranthene	14.25	202	393494	43.12	nq	97
76) Benzidine	14.43	184	125043	30.32	nq	98
77) Pyrene	14.53	202	423300	40.54	nq	100
79) Butylbenzylphthalate	15.37	149	162804	39.54	nq	94
80) Benzo(a)anthracene	16.02	228	402224	40.86	nq	100
81) 3,3'-Dichlorobenzidine	16.01	252	64421	19.84	nq	98
82) Chrysene	16.07	228	394692	44.59	nq	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	232166	37.23	nq	# 96
84) Di-n-octyl phthalate	16.89	149	388486	36.43	nq	100
85) Indeno(1,2,3-cd)pyrene	19.17	276	455117	41.20	nq	# 100
87) Benzo(b)fluoranthene	17.33	252	407475	37.84	nq	# 96
88) Benzo(k)fluoranthene	17.37	252	407238m	48.41	nq	
89) Benzo(a)pyrene	17.71	252	397994	44.29	nq	# 95
90) Dibenzo(a,h)anthracene	19.21	278	380746	42.72	nq	99
91) Benzo(g,h,i)perylene	19.59	276	389913	42.97	nq	99

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



#1

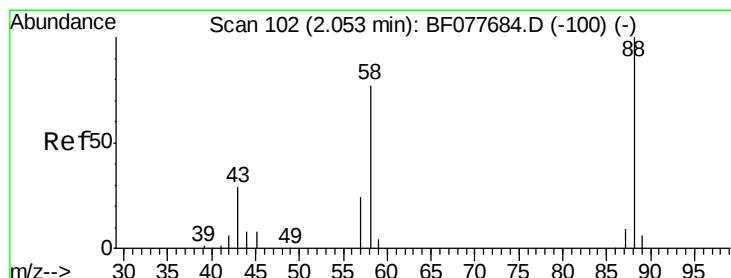
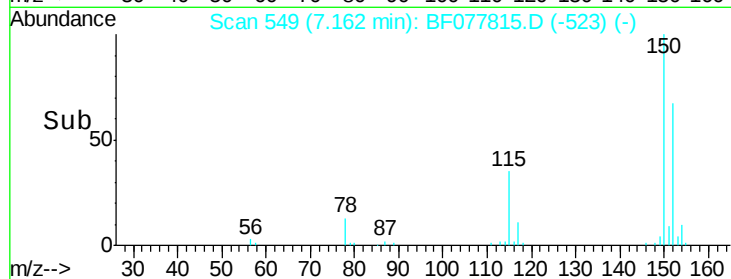
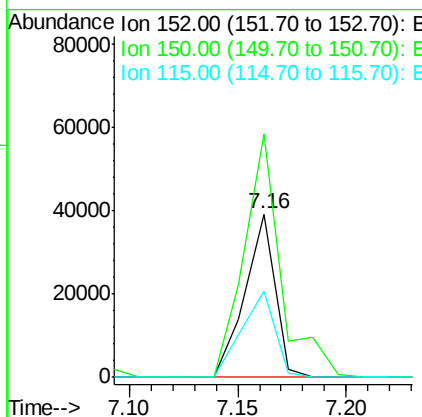
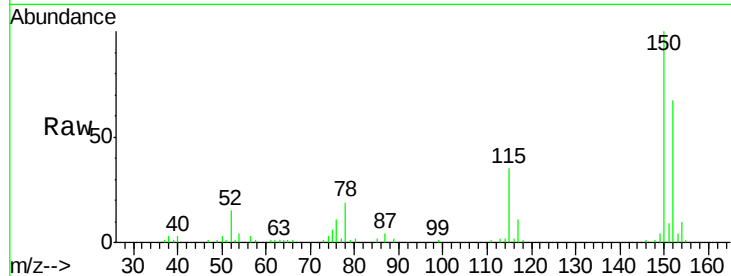
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	119.5	179.3
115	52.8	43.0	64.4

Manual Integrations
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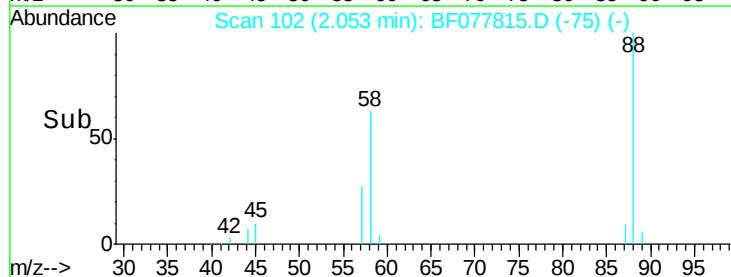
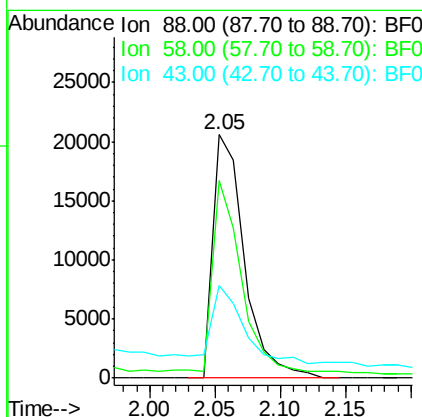
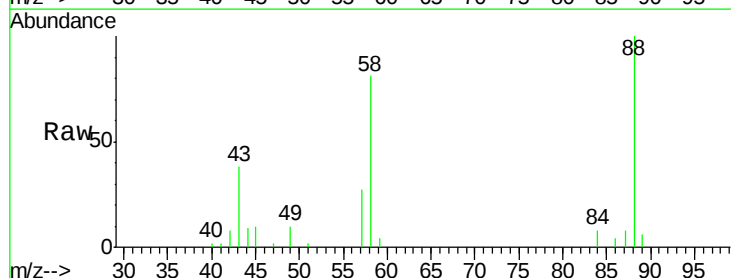
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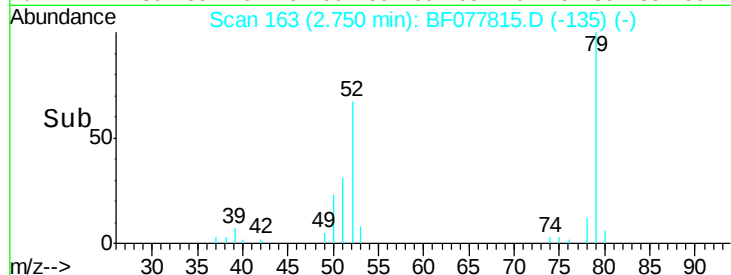
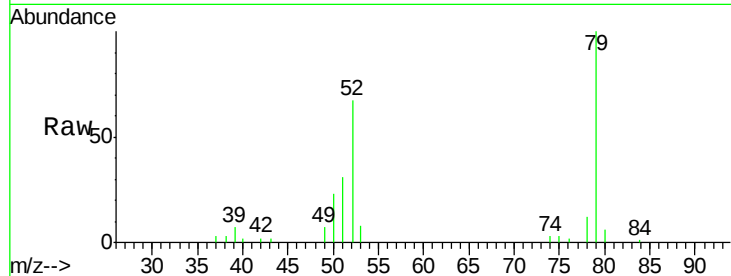
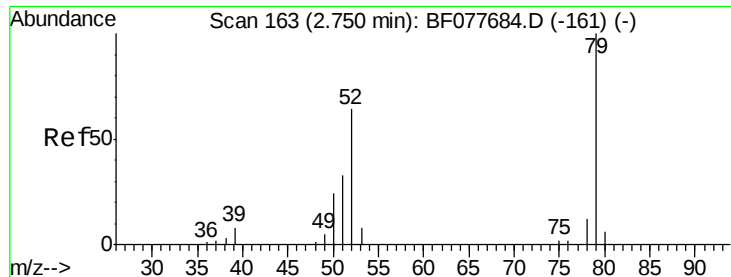


#2

1,4-Dioxane
Concen: 35.26 ng
RT: 2.05 min Scan# 102
Delta R.T. 0.01 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	0.0	0.0#
43	41.0	0.0	0.0#





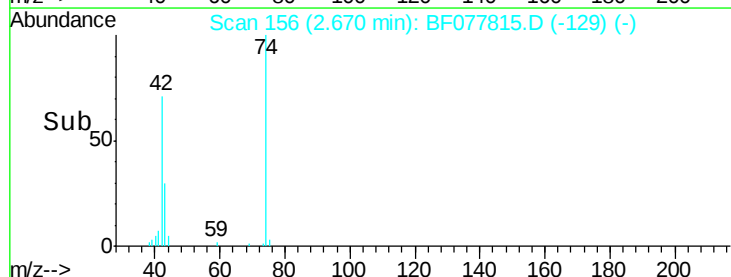
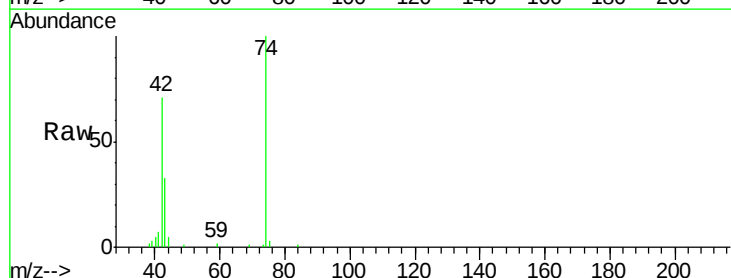
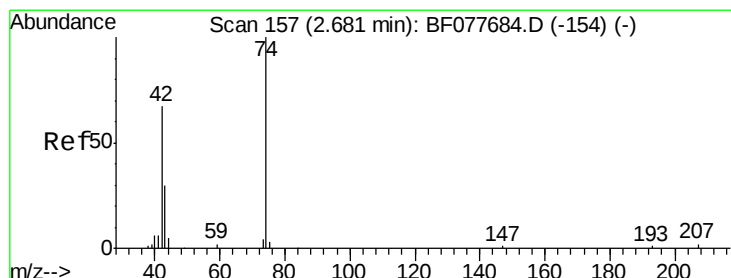
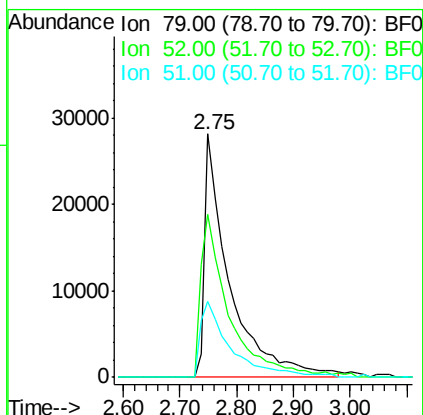
#3
Pvridine
Concen: 31.73 ng
RT: 2.75 min Scan# 163
Delta R.T. 0.02 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	66.7	51.1	76.7	
51	51	31.3	26.1	39.1	

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

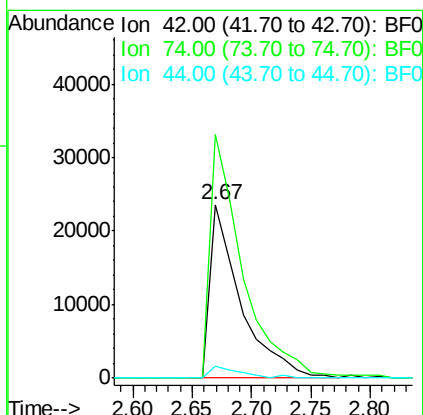
Manual Integrations
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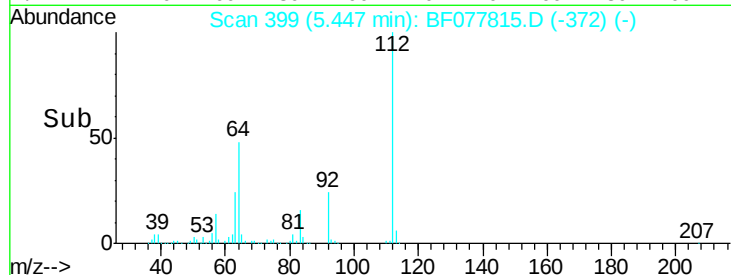
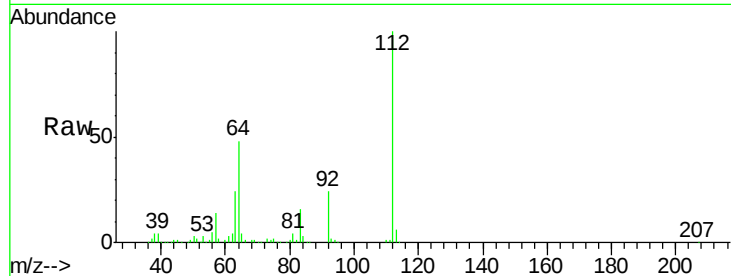
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#4
n-Nitrosodimethylamine
Concen: 36.85 ng
RT: 2.67 min Scan# 156
Delta R.T. 0.01 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	140.4	119.3	178.9	
44	44	6.8	5.4	8.2	





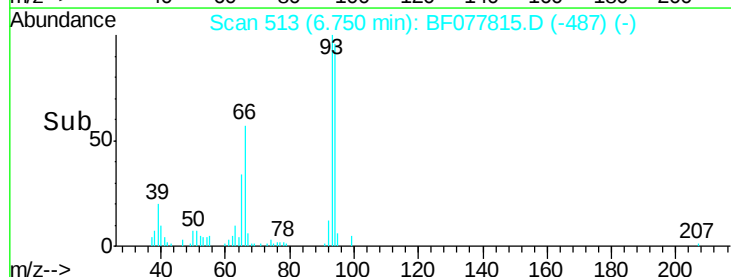
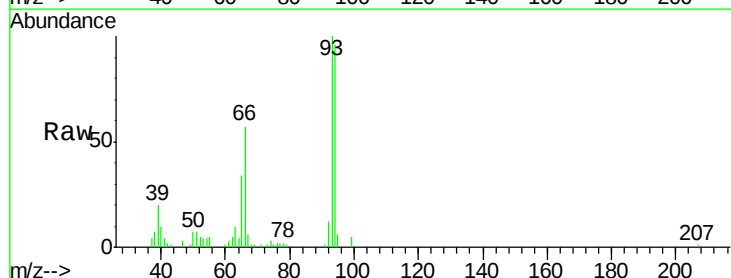
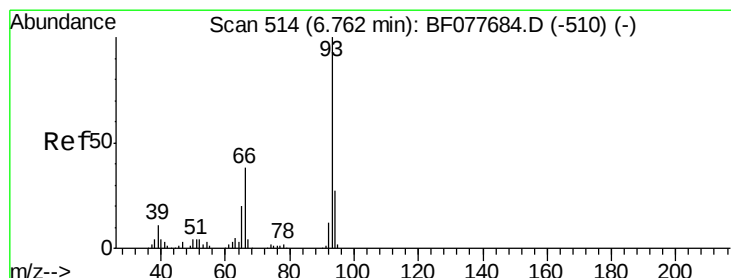
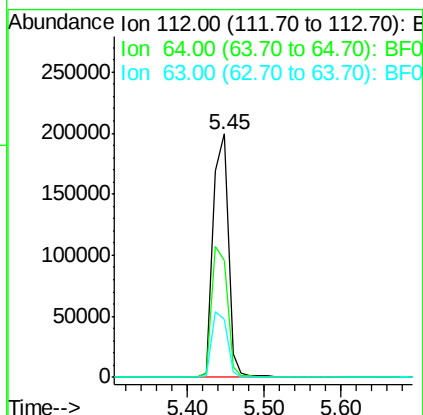
#5
2-Fluorophenol
Concen: 127.05 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	48.0	38.6	57.8
63	23.9	19.3	28.9

Instrument :
BNA_F
ClientSampled :
PB82167BSD

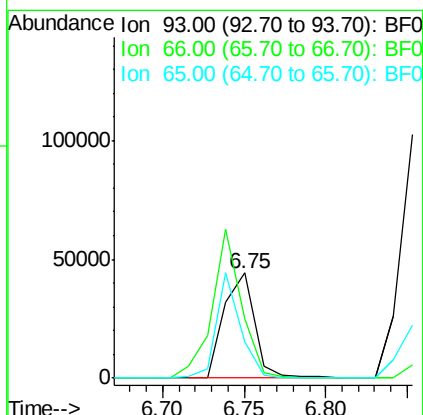
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#6
Aniline
Concen: 14.89 ng
RT: 6.75 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	56.6	30.8	46.2#
65	34.4	16.0	24.0#





#7

Phenol-d6

Concen: 135.02 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

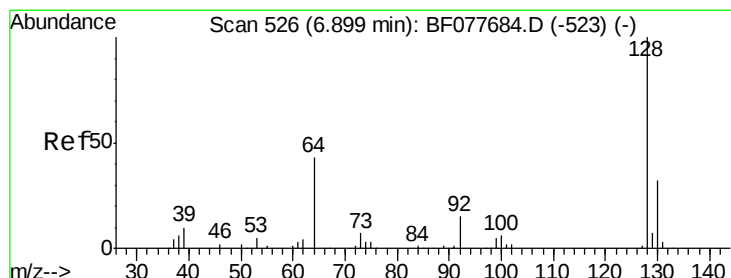
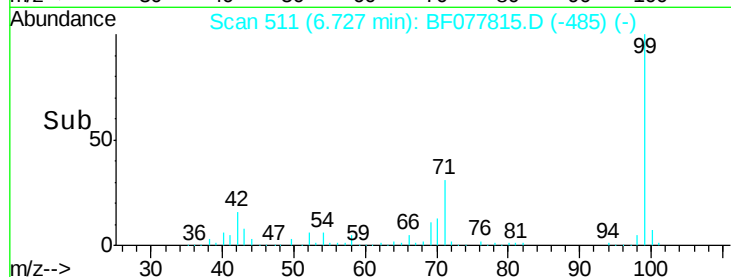
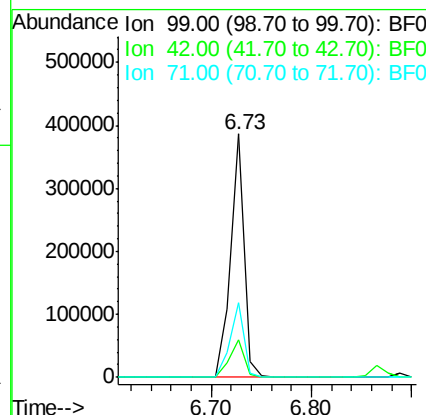
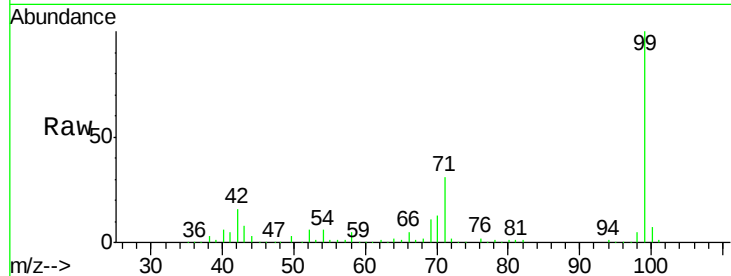
ClientSampleID :

PB82167BSD

Tot Ion:	99	Resp:	361561
Ion Ratio	Lower	Upper	
99	100		
42	15.5	11.0	16.4
71	30.8	23.4	35.2

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#8

2-Chlorophenol

Concen: 41.19 ng

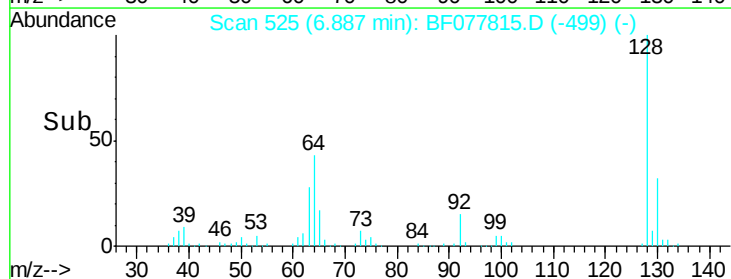
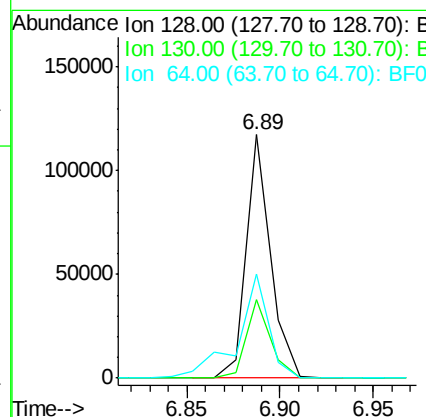
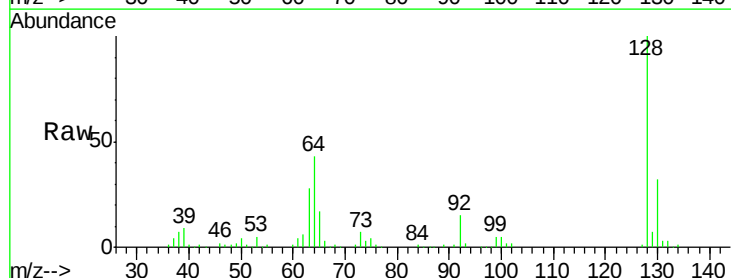
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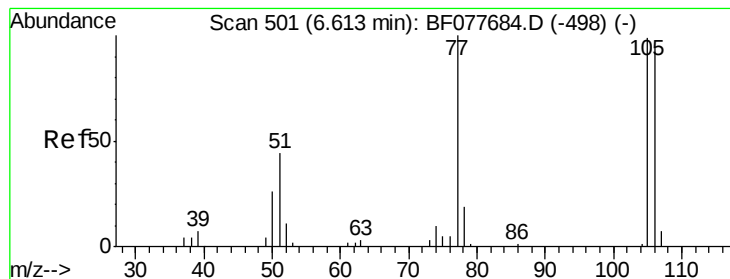
Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Tgt Ion:	128	Resp:	106265
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.0	52.0
64	42.8	24.9	64.9





#9

Benzaldehyde

Concen: 5.79 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

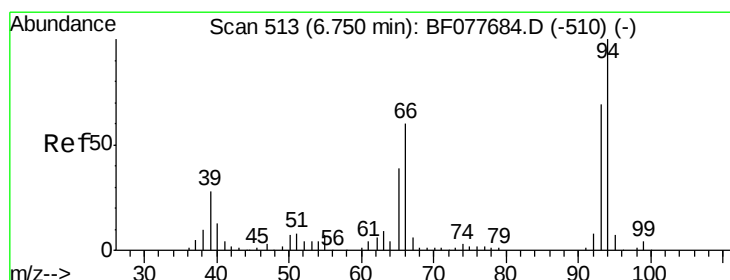
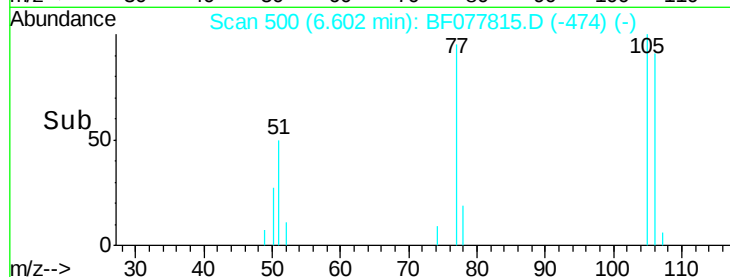
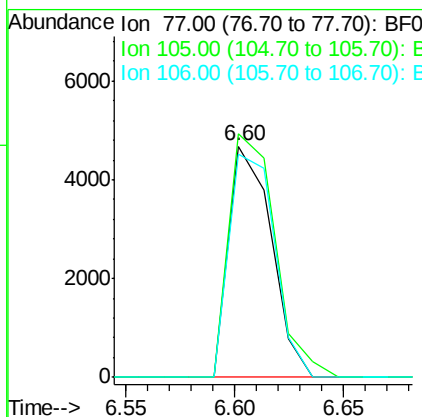
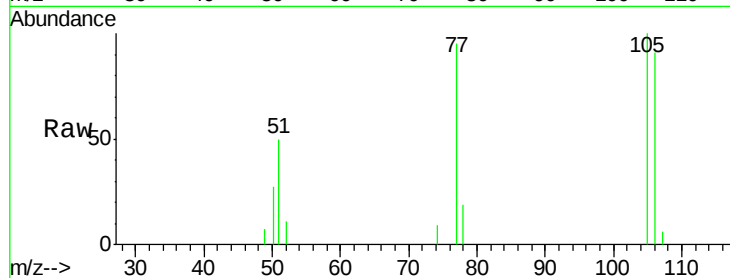
ClientSampleId :

PB82167BSD

Tot Ion:	77	Resp:	6347
Ion	Ratio	Lower	Upper
77	100		
105	105.4	78.8	118.8
106	96.3	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 40.97 ng

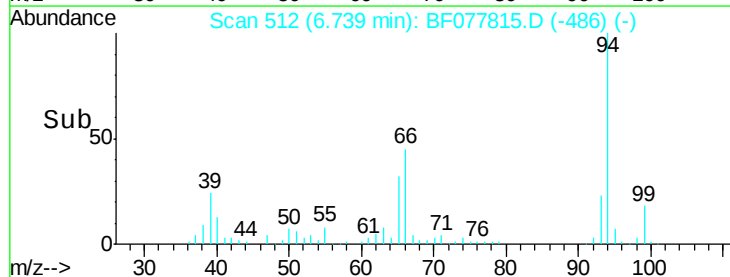
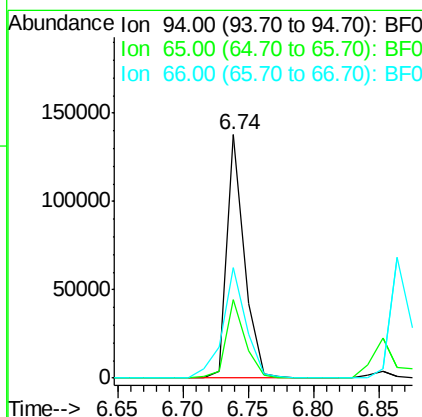
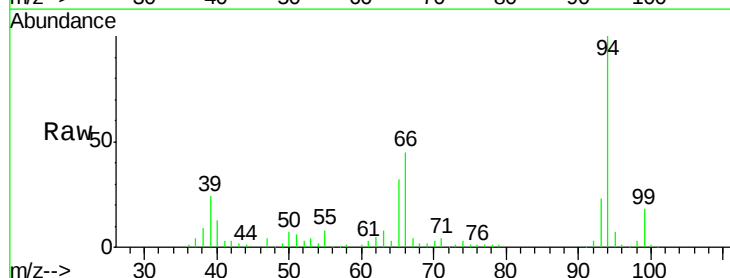
RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Tgt Ion:	94	Resp:	129683
Ion	Ratio	Lower	Upper
94	100		
65	32.0	18.8	58.8
66	45.4	39.9	79.9





#11

bis(2-Chloroethyl)ether

Concen: 40.09 ng

RT: 6.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

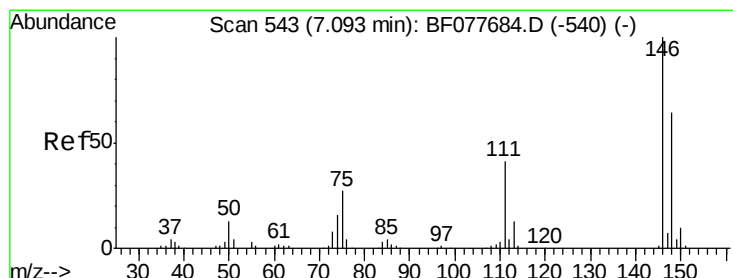
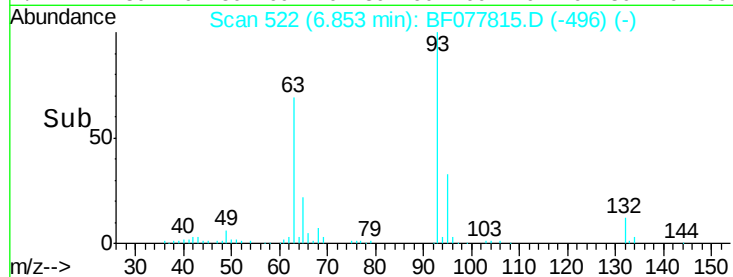
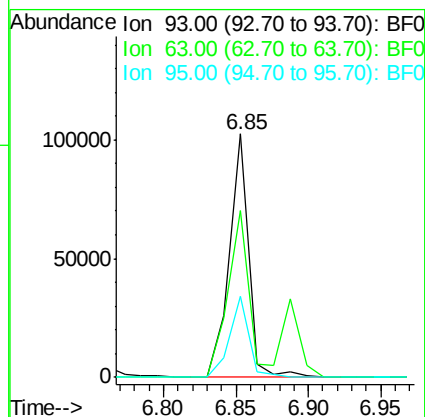
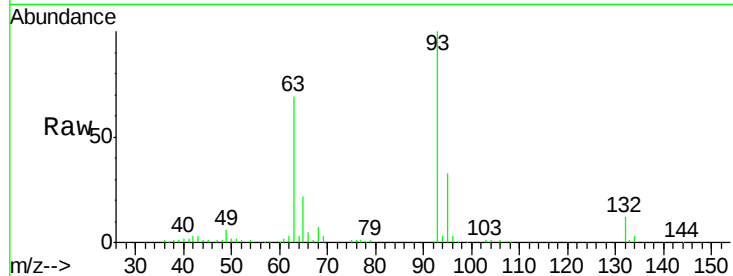
ClientSampleId :

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Tot Ion:	93	Resp:	95059
Ion Ratio	Lower	Upper	
93	100		
63	68.8	49.5	89.5
95	33.2	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 38.86 ng

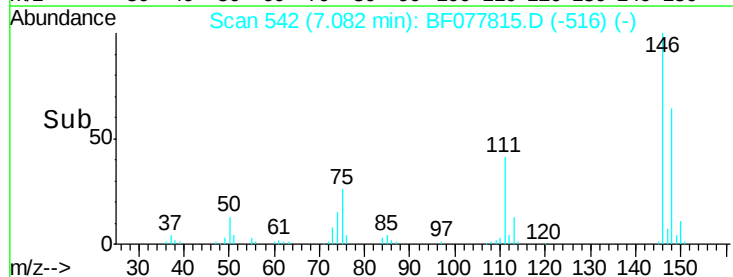
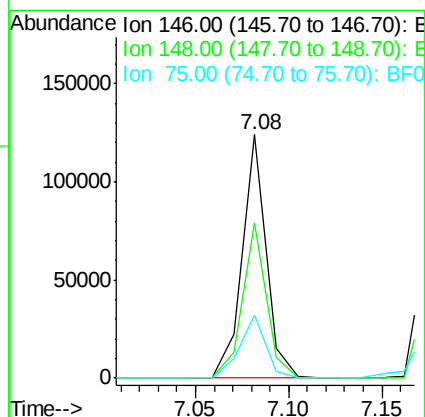
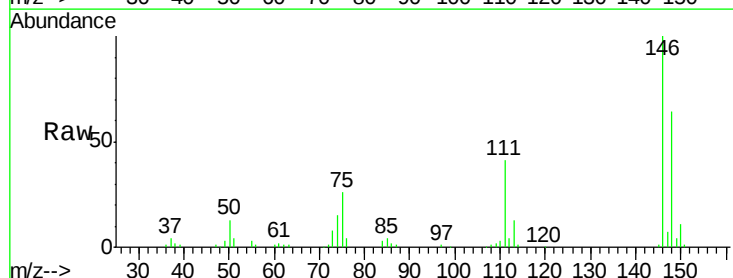
RT: 7.08 min Scan# 542

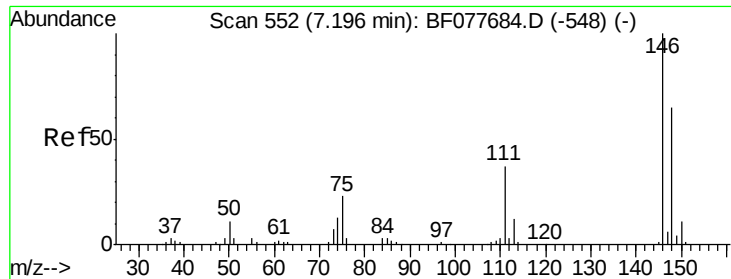
Delta R.T. 0.00 min

Lab File: BF077815.D

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Tgt Ion:	146	Resp:	111506
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.9	76.3
75	26.1	21.4	32.2





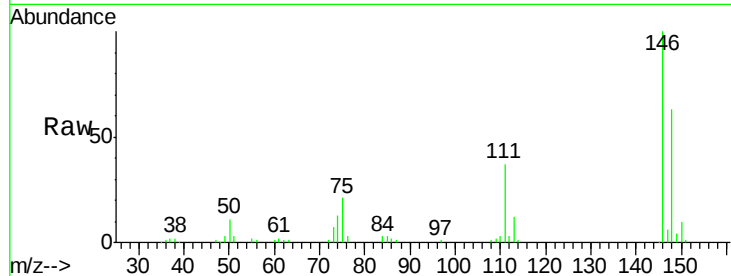
#13
 1,4-Dichlorobenzene
 Concen: 36.89 ng
 RT: 7.18 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

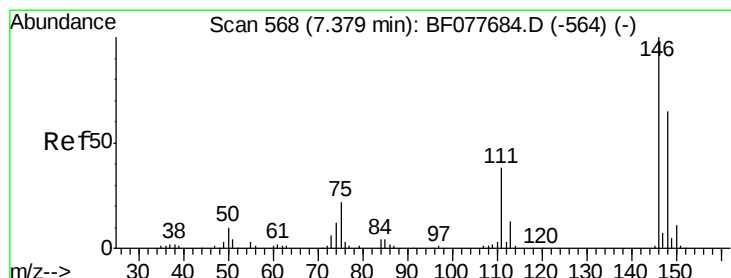
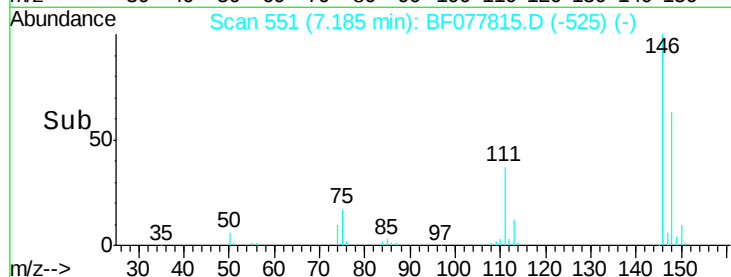
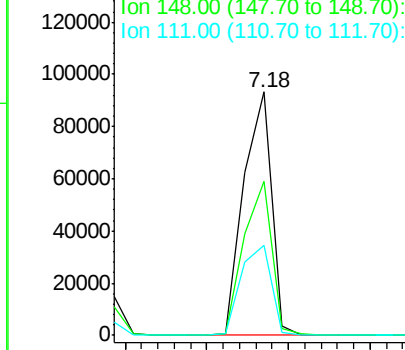
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
111	36.7	29.2	43.8

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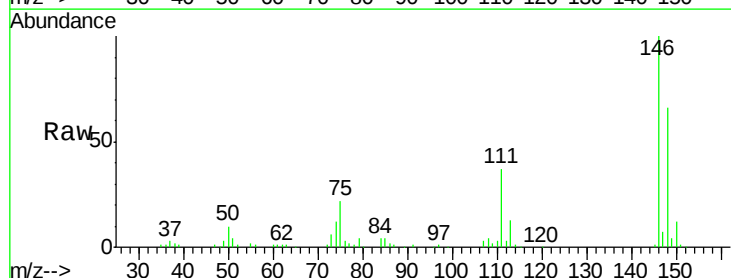


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

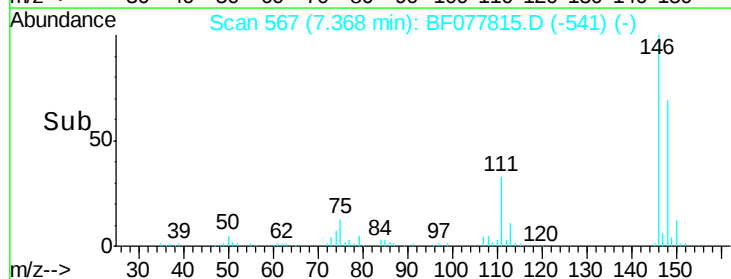
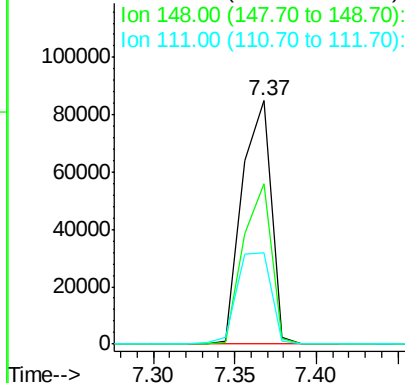


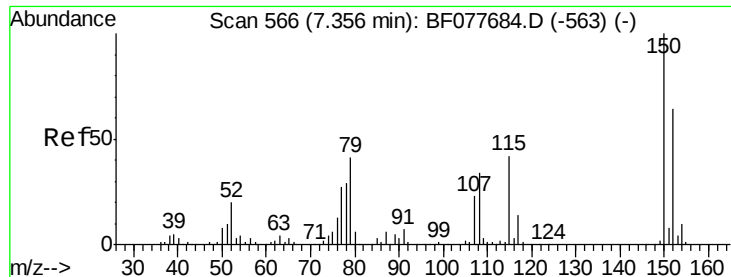
#14
 1,2-Dichlorobenzene
 Concen: 38.22 ng
 RT: 7.37 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.3	78.5
111	37.3	30.6	45.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





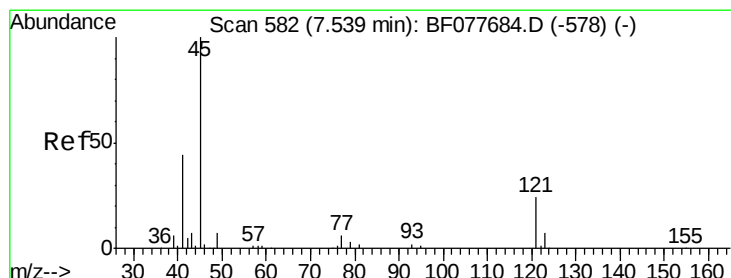
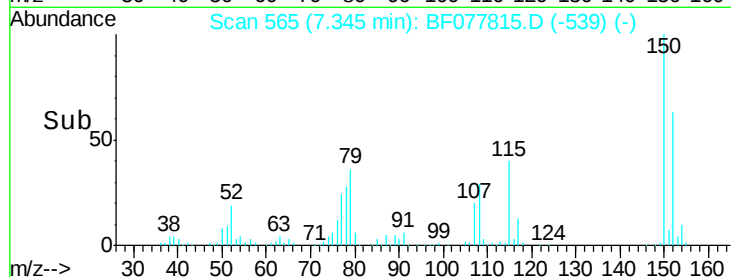
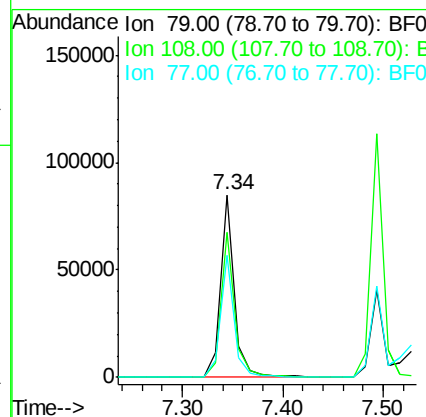
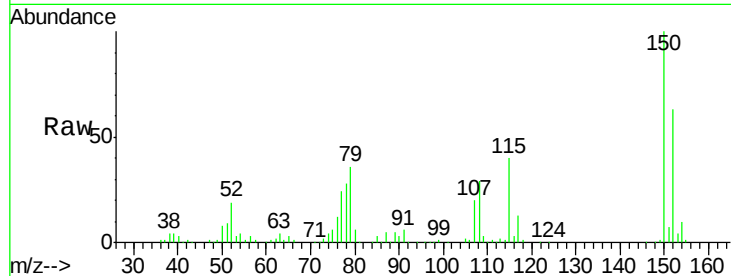
#15
Benzyl Alcohol
Concen: 39.03 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.6	65.0	97.4	
77	66.7	53.0	79.6	

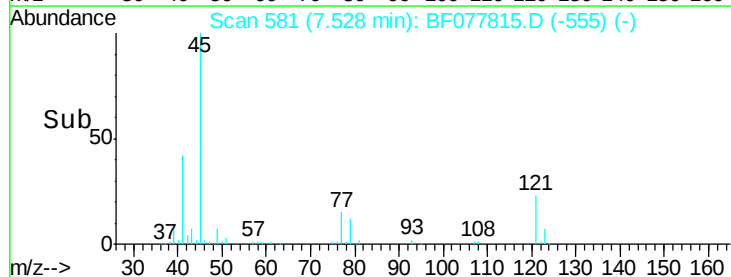
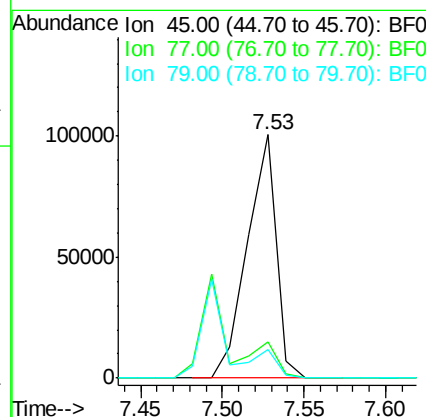
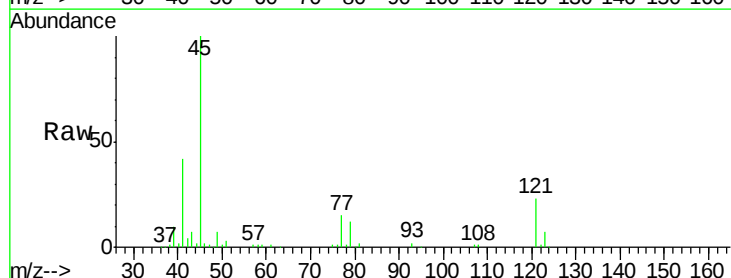
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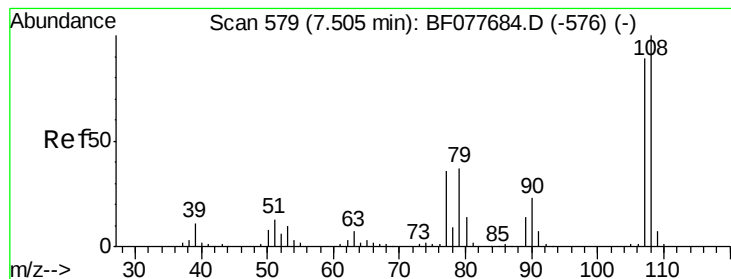
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.71 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	15.1	0.0	35.2	
79	11.9	0.0	32.0	





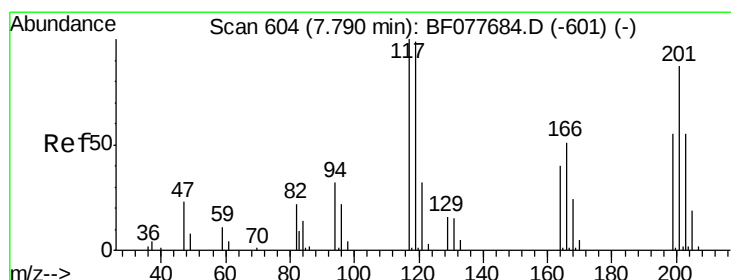
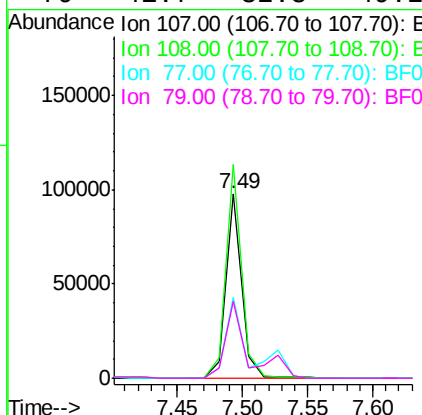
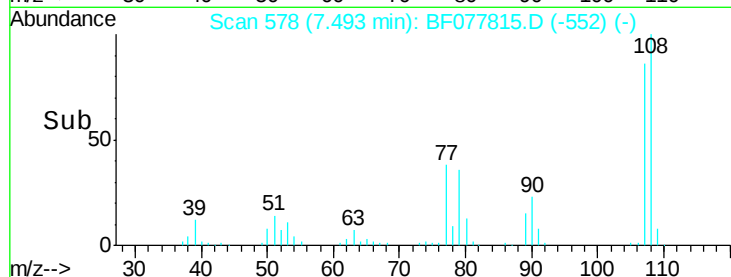
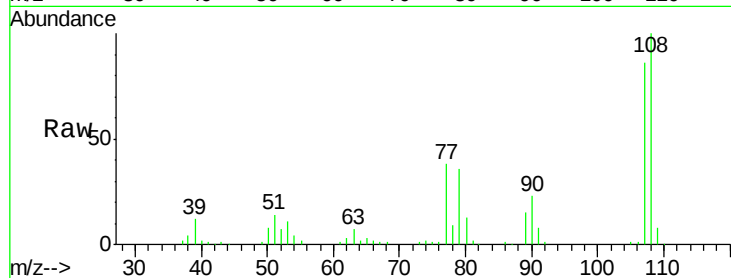
#17
2-Methylphenol
Concen: 39.44 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion:	107	Resp:	82837
Ion Ratio	Lower	Upper	
107	100		
108	115.6	89.8	134.8
77	43.6	32.6	48.8
79	41.7	32.8	49.2

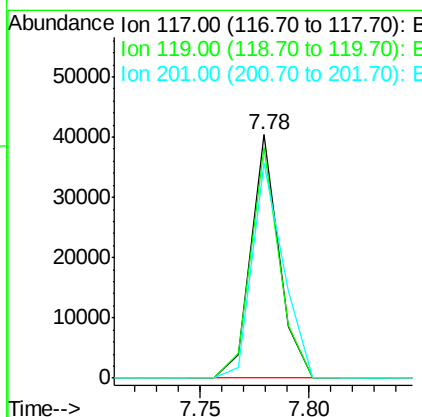
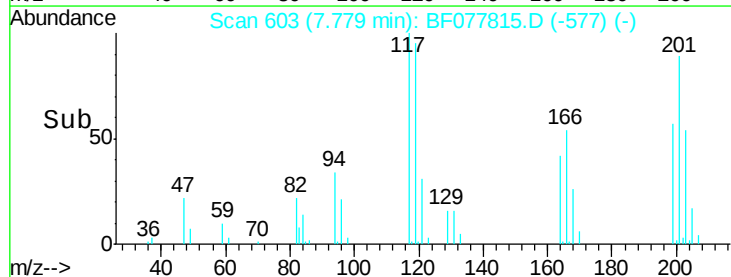
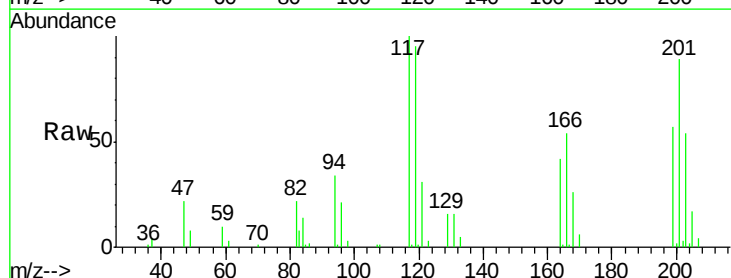
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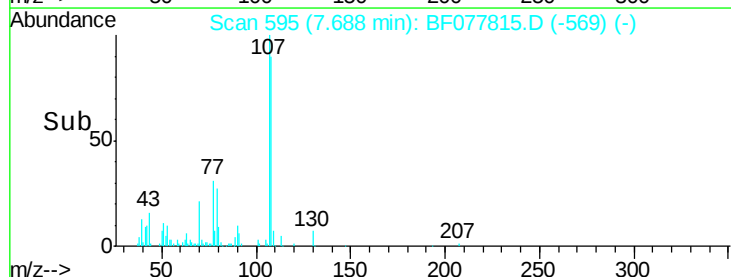
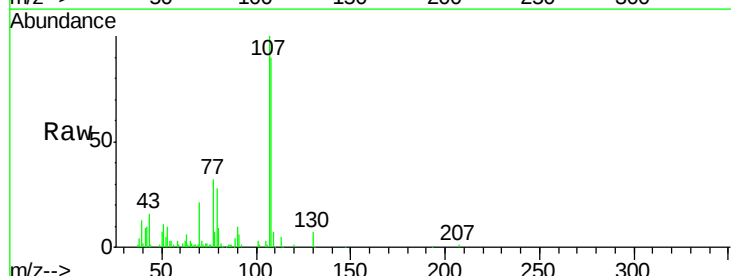
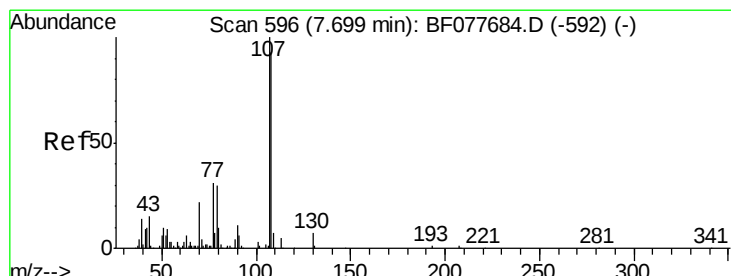
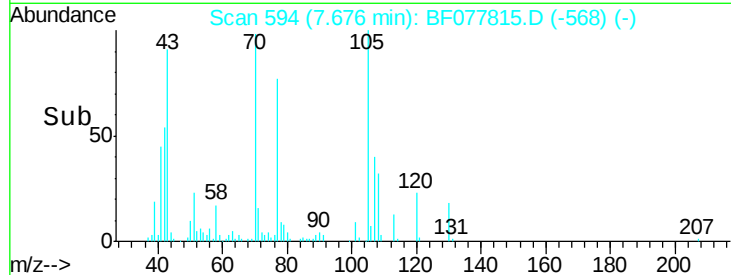
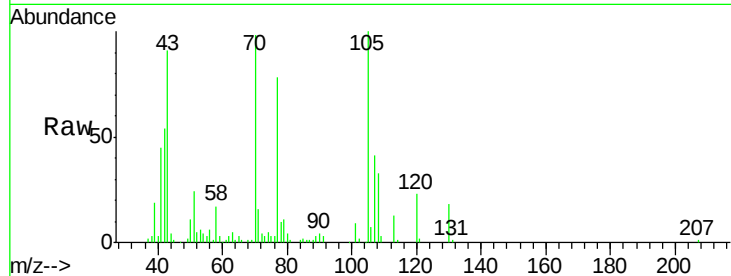
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#18
Hexachloroethane
Concen: 37.15 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion:	117	Resp:	36325
Ion Ratio	Lower	Upper	
117	100		
119	94.9	79.2	118.8
201	88.6	69.8	104.6

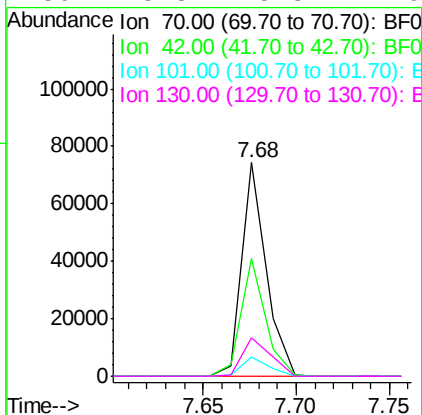




#19
n-Nitroso-di-n-propylamine
Concen: 36.52 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.1	44.5	66.7	
101	9.1	7.4	11.2	
130	18.3	15.3	22.9	

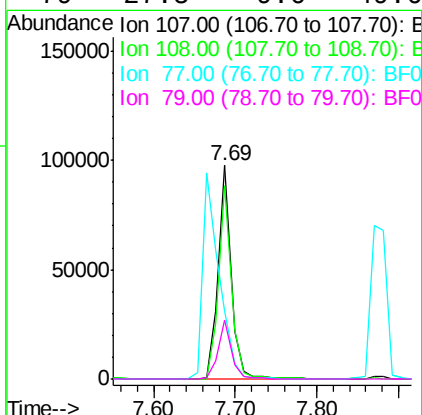


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#20
3+4-Methylphenols
Concen: 39.73 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	73.2	113.2	
77	31.9	10.7	50.7	
79	27.5	9.6	49.6	





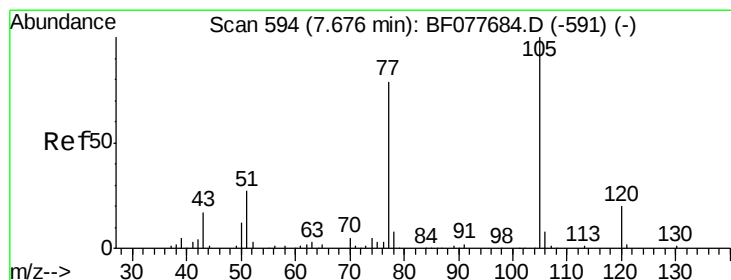
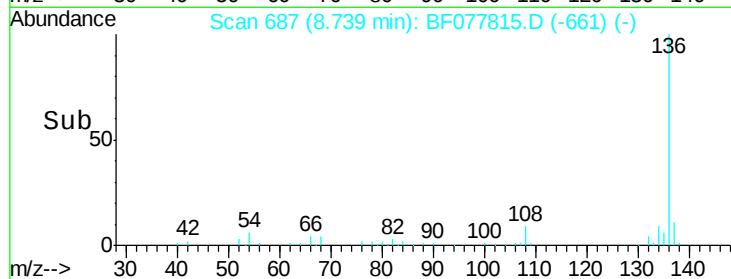
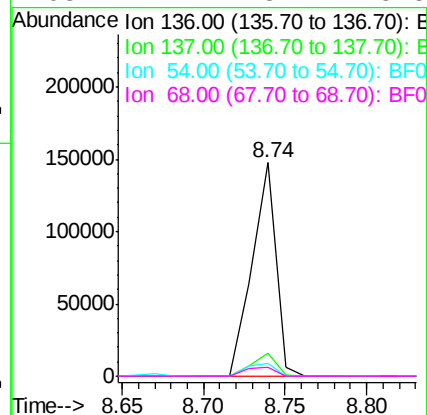
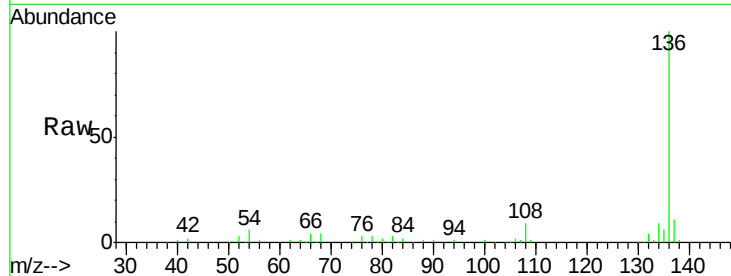
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	149712		
137	10.8	8.7	13.1	
54	5.8	4.6	6.8	
68	4.4	3.7	5.5	

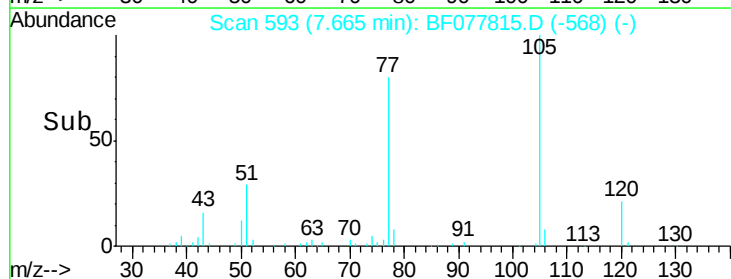
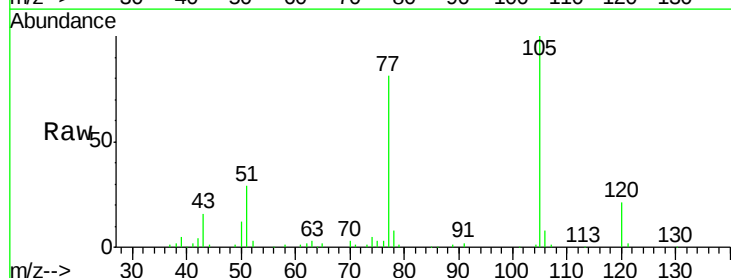
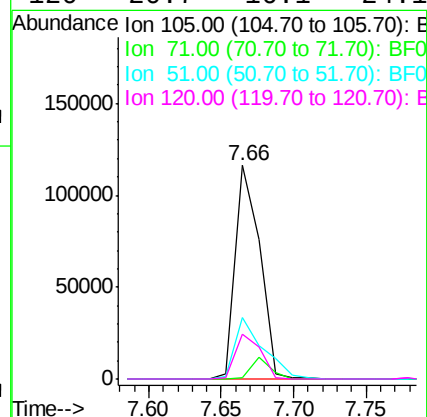
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#22
Acetophenone
Concen: 41.29 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	136842		
71	0.6	0.6	1.0#	
51	29.0	21.6	32.4	
120	20.7	16.1	24.1	





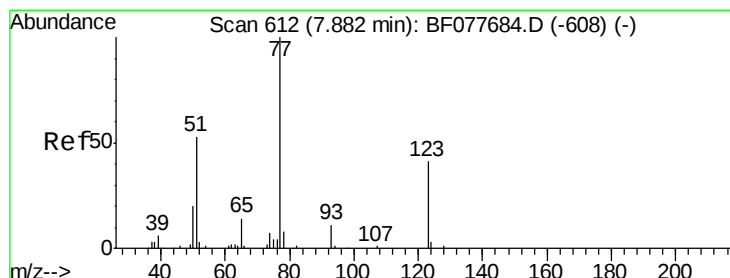
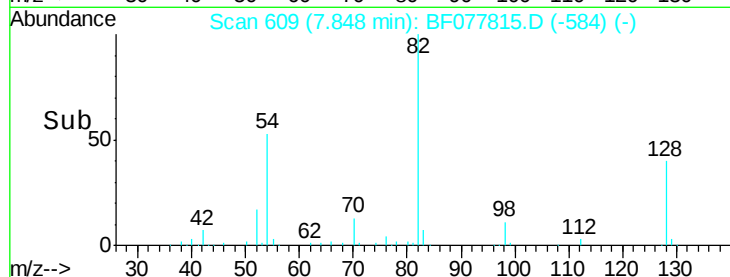
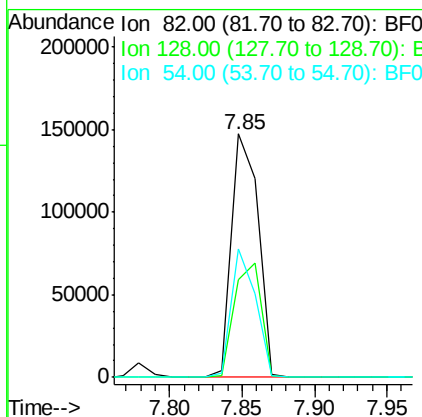
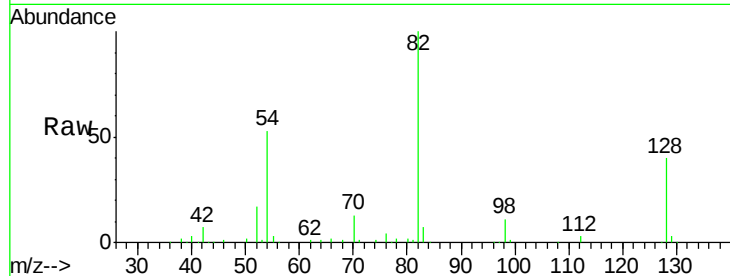
#23
Nitrobenzene-d5
Concen: 82.83 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	40.3	32.8	49.2
54	52.6	40.6	60.8

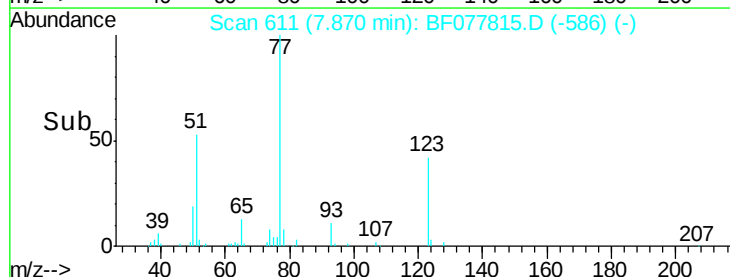
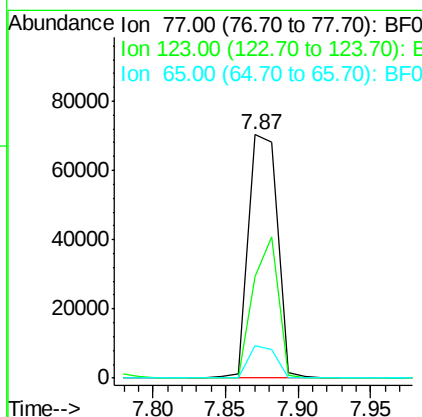
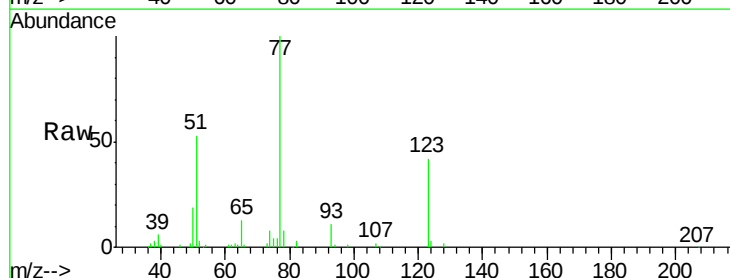
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#24
Nitrobenzene
Concen: 39.66 ng
RT: 7.87 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	41.6	32.6	49.0
65	13.5	10.9	16.3





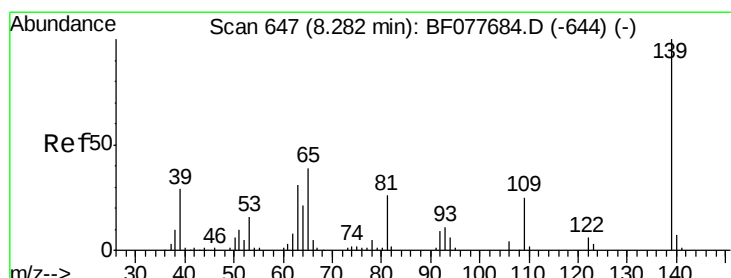
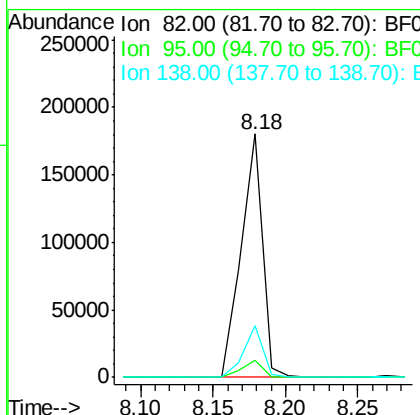
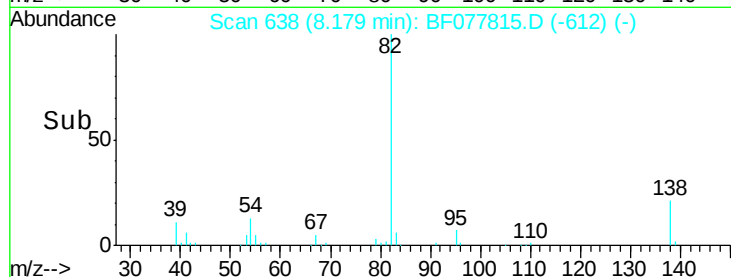
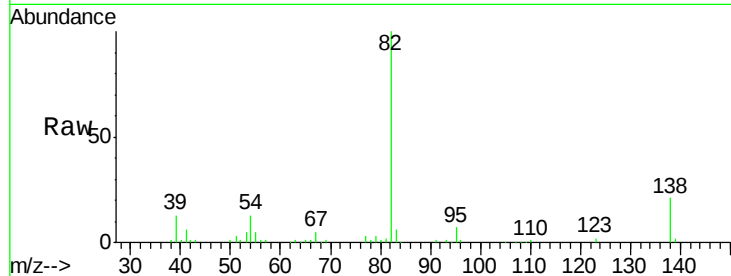
#25
Isophorone
Concen: 39.90 ng
RT: 8.18 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	184039		
95	7.1	5.8	8.6	
138	21.1	16.3	24.5	

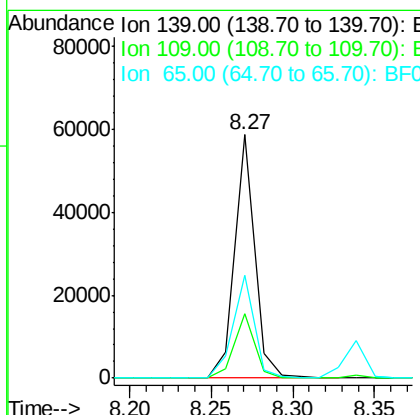
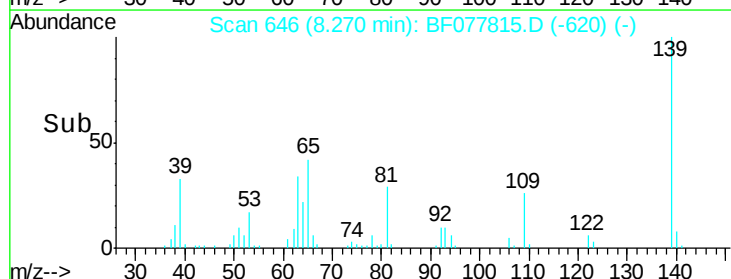
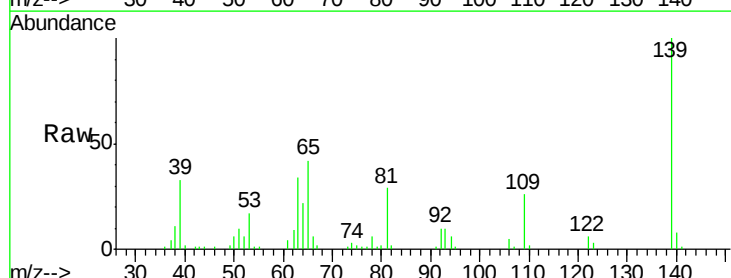
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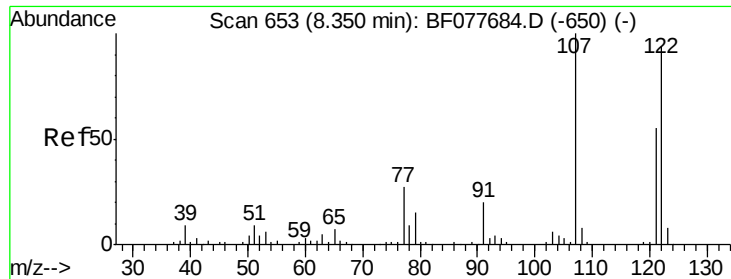
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#26
2-Nitrophenol
Concen: 41.12 ng
RT: 8.27 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	49528		
109	26.4	20.1	30.1	
65	42.4	31.5	47.3	





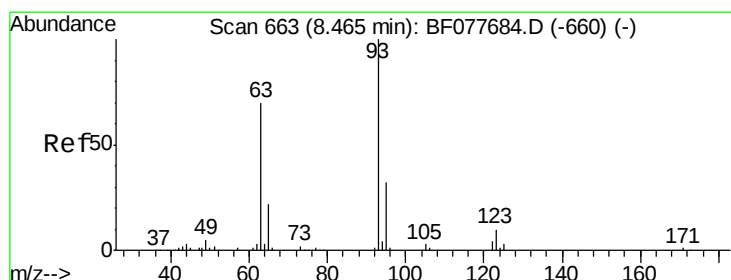
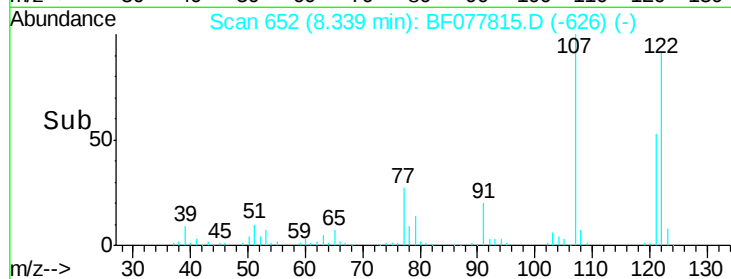
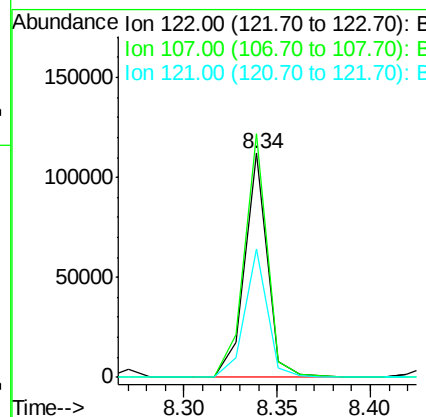
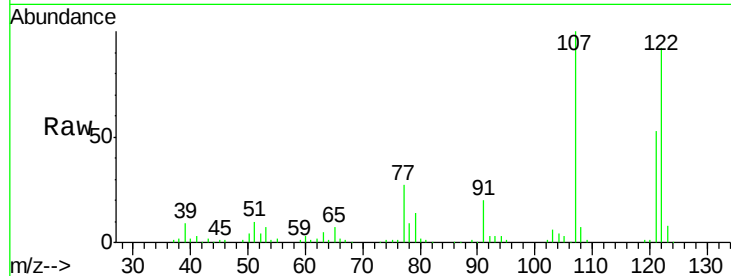
#27
2,4-Dimethylphenol
Concen: 43.72 ng
RT: 8.34 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.6	84.7	127.1
121	57.2	46.6	69.8

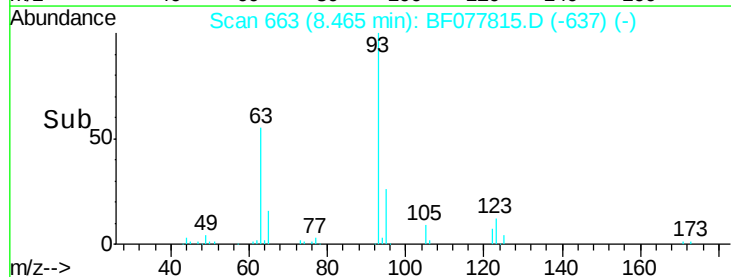
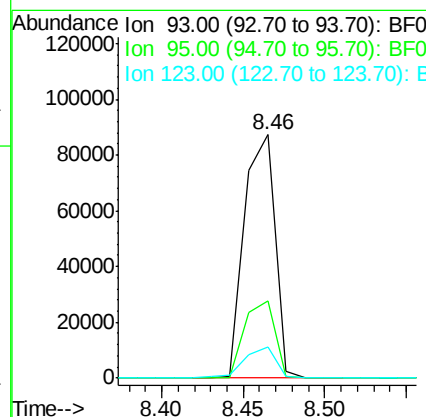
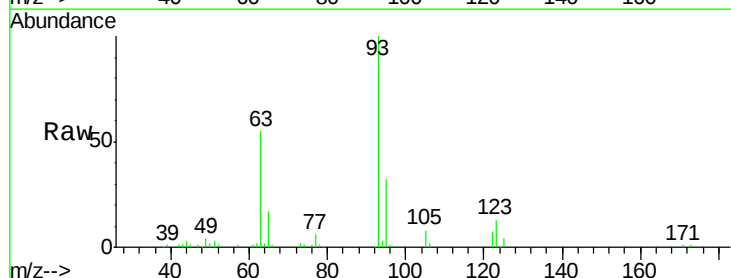
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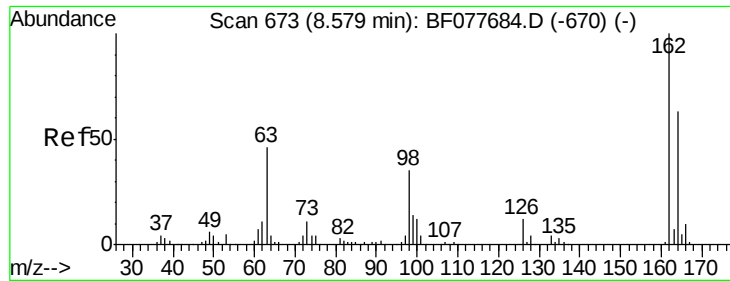
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#28
bis(2-Chloroethoxy)methane
Concen: 40.42 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.5	38.3
123	12.7	8.6	13.0





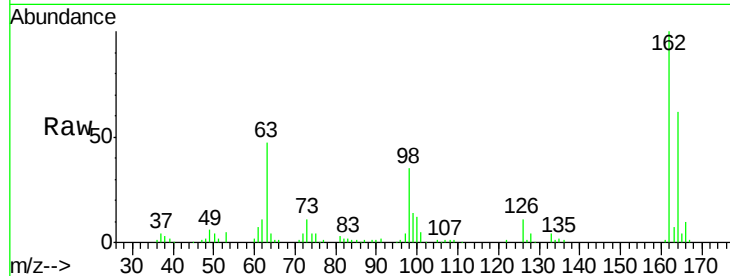
#29
 2,4-Dichlorophenol
 Concen: 43.97 ng
 RT: 8.57 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

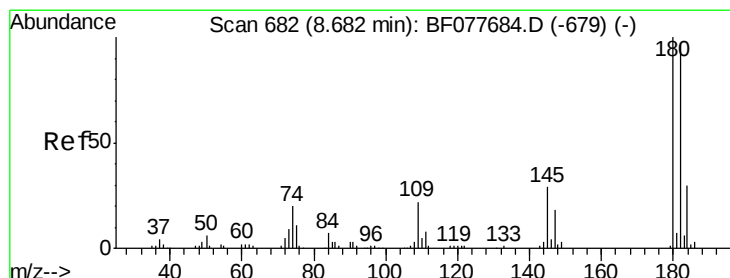
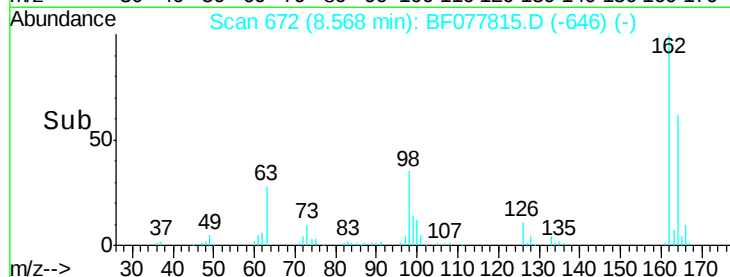
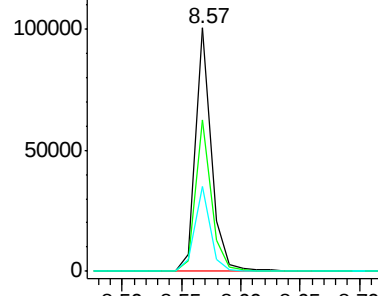
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.2	42.8	82.8
98	34.9	14.5	54.5

Manual Integrations
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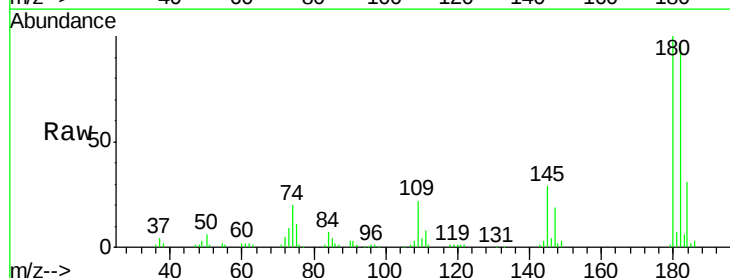


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

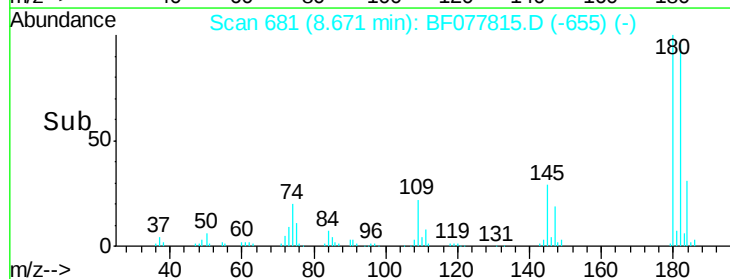
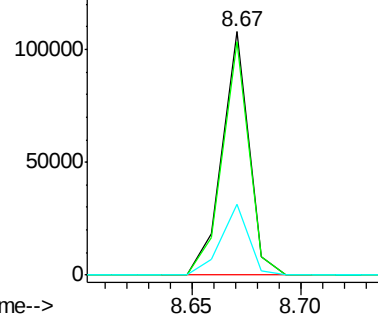


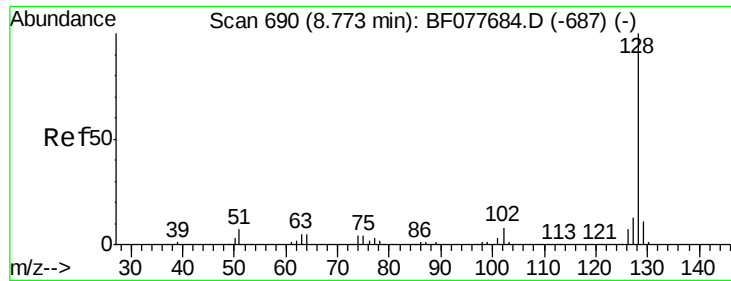
#30
 1,2,4-Trichlorobenzene
 Concen: 39.28 ng
 RT: 8.67 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	77.6	116.4
145	29.0	23.4	35.2



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





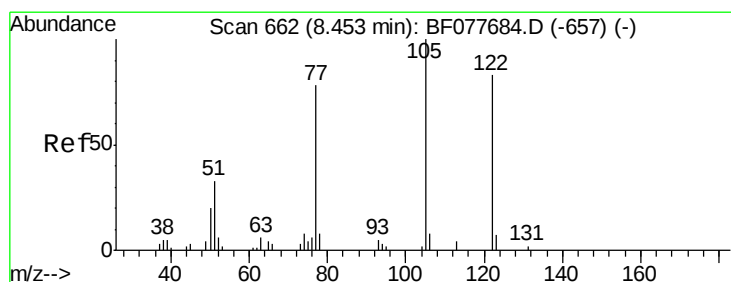
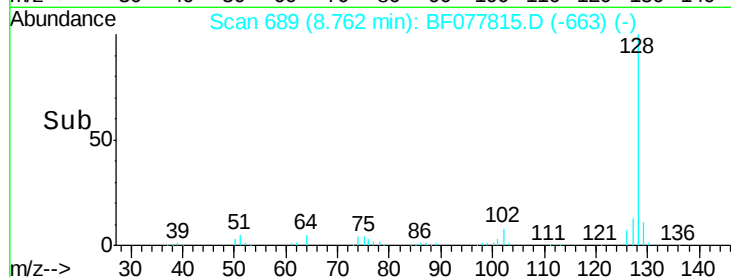
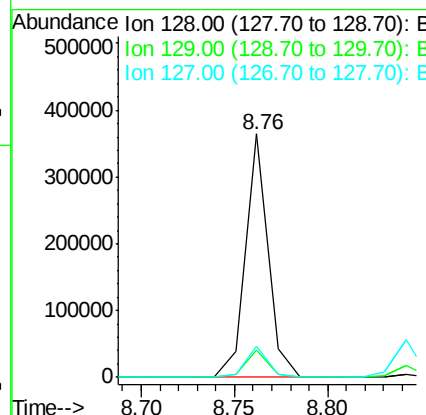
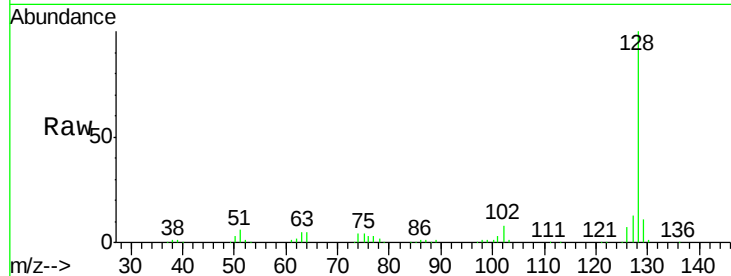
#31
Naphthalene
Concen: 39.93 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.2	8.9	13.3
127	12.8	10.4	15.6

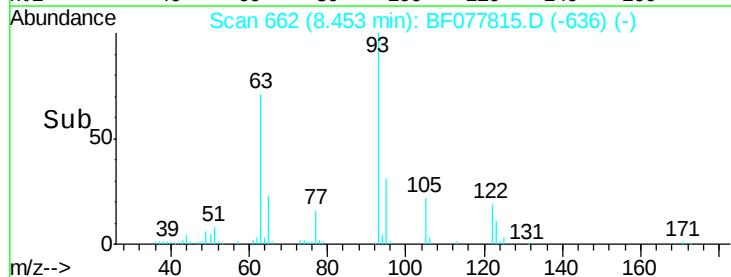
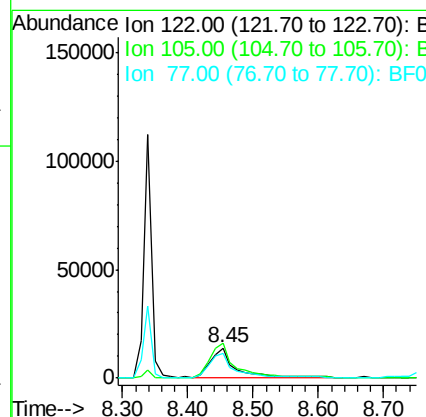
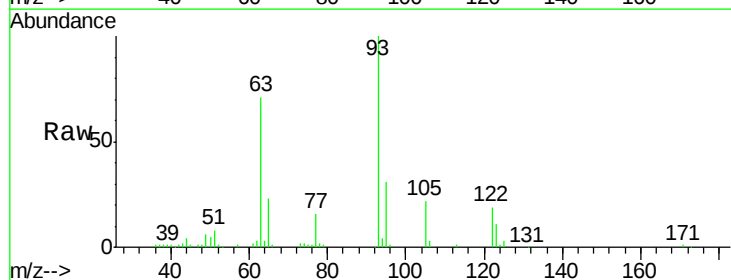
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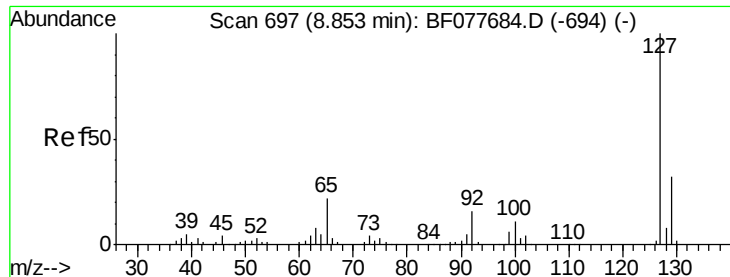
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#32
Benzoic acid
Concen: 32.22 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	117.7	99.9	139.9
77	84.1	73.7	113.7





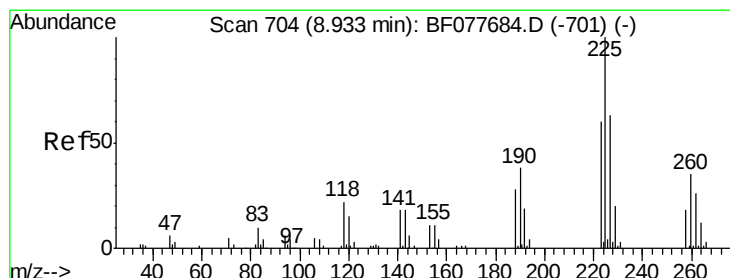
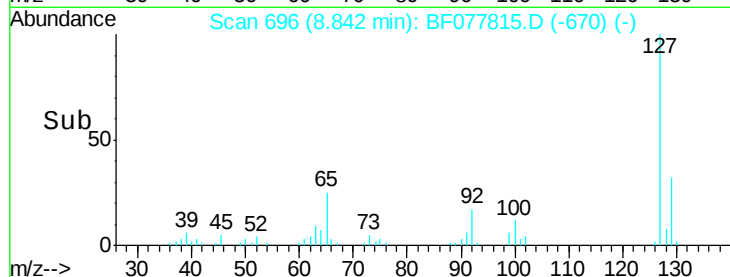
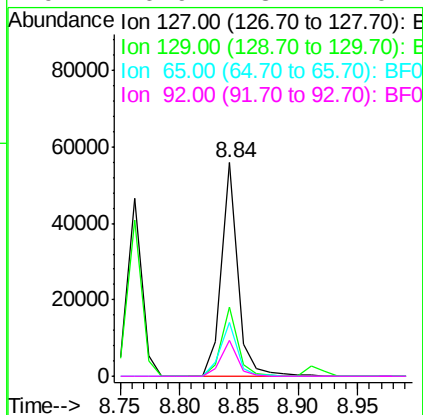
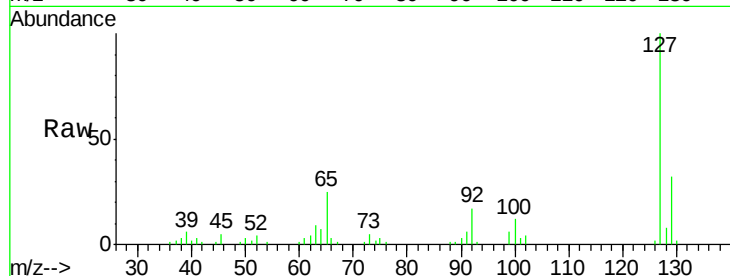
#33
4-Chloroaniline
Concen: 17.19 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion:	127	Resp:	53634
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.3	37.9
65	25.2	17.6	26.4
92	16.9	13.1	19.7

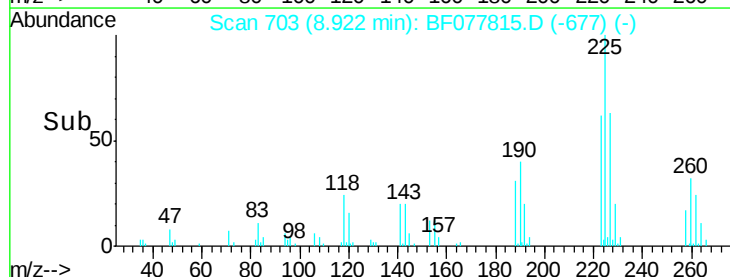
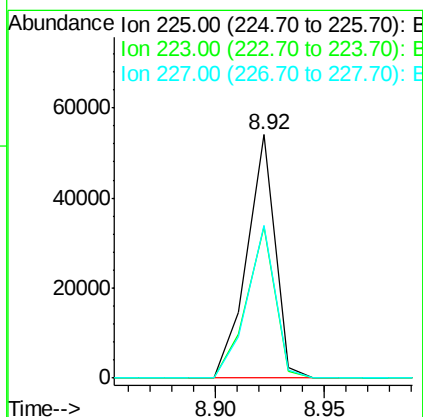
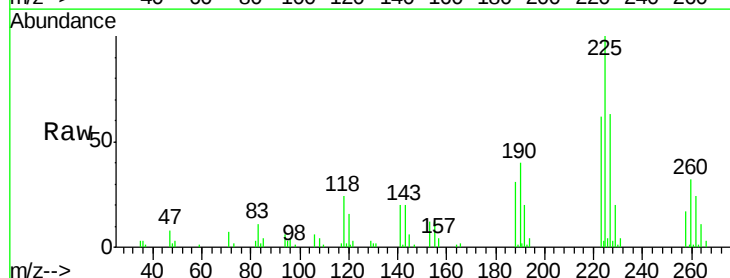
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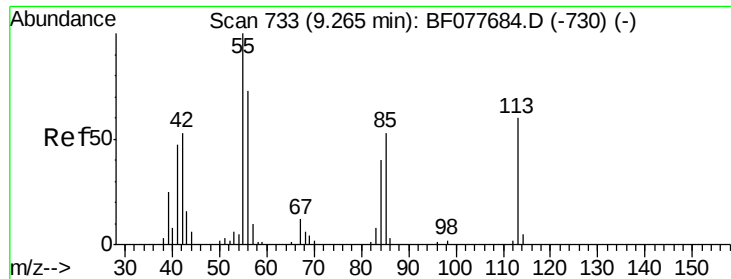
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#34
Hexachlorobutadiene
Concen: 36.75 ng
RT: 8.92 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion:	225	Resp:	48750
Ion Ratio	Lower	Upper	
225	100		
223	62.0	47.9	71.9
227	62.9	50.1	75.1





#35

Caprolactam

Concen: 45.65 ng

RT: 9.26 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

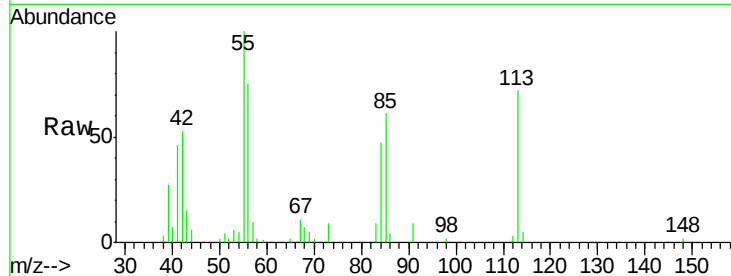
ClientSampleId :

PB82167BSD

Tot Ion:	113	Resp:	27908
Ion Ratio	Lower	Upper	
113	100		
55	138.4	145.9	185.9#
56	103.6	101.0	141.0

Manual Integrations
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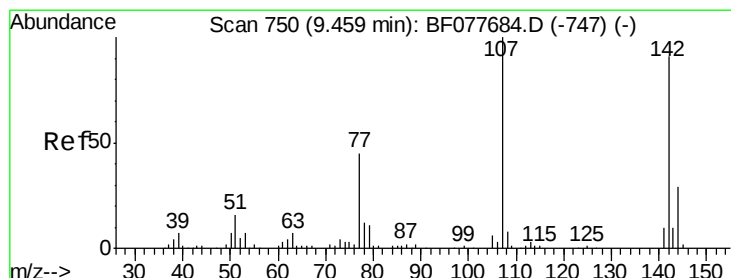
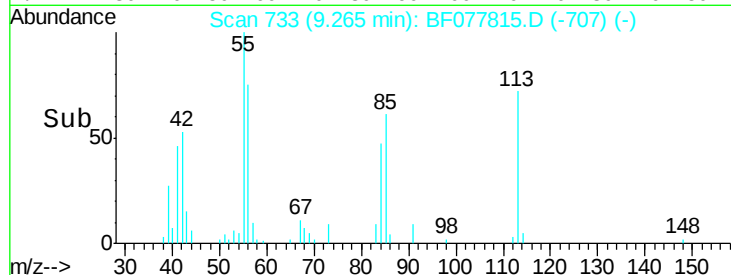
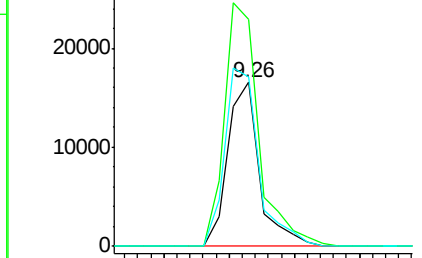
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.16 ng

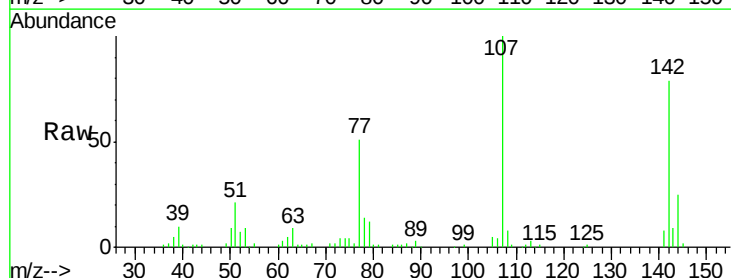
RT: 9.45 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

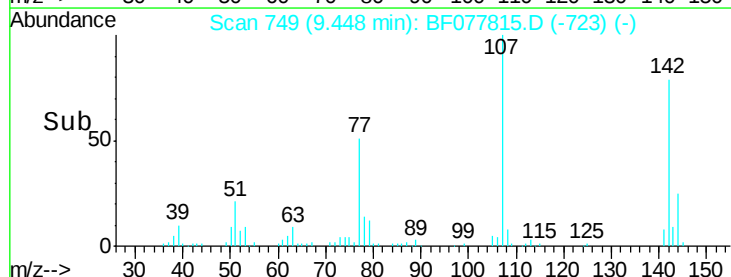
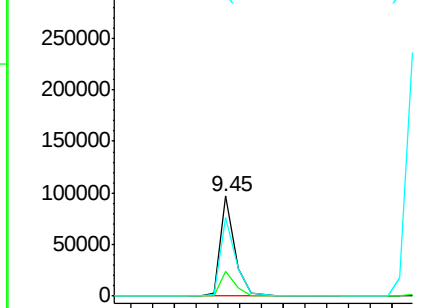
Tgt Ion:	107	Resp:	90834
Ion Ratio	Lower	Upper	
107	100		
144	25.1	23.3	34.9
142	78.7	72.6	109.0

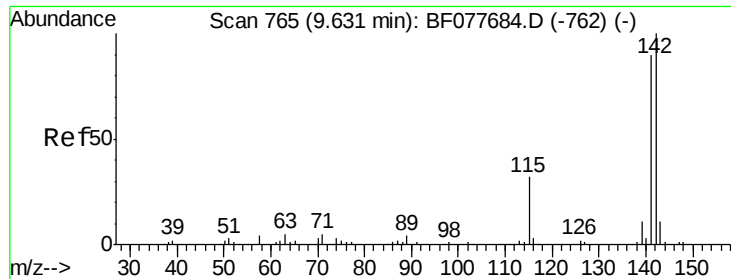


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





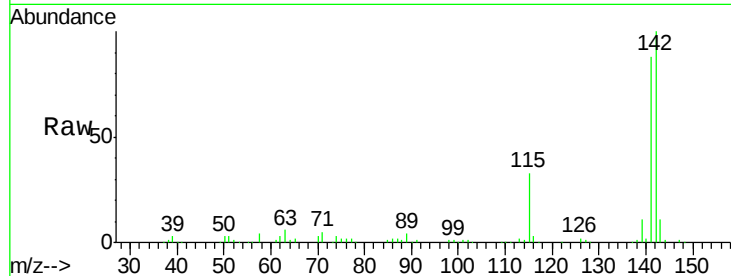
#37
 2-Methylnaphthalene
 Concen: 40.37 ng
 RT: 9.62 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

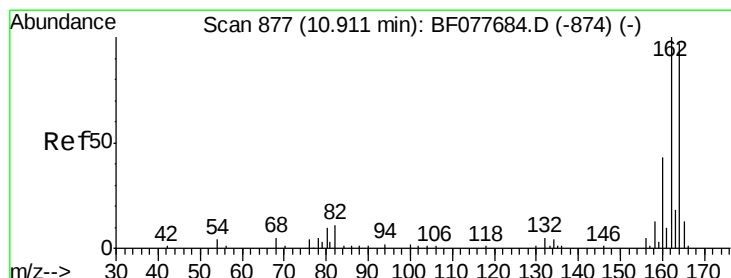
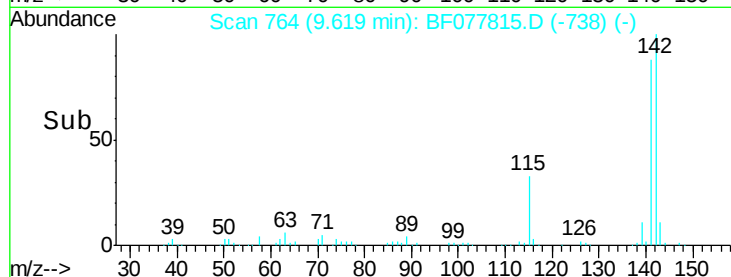
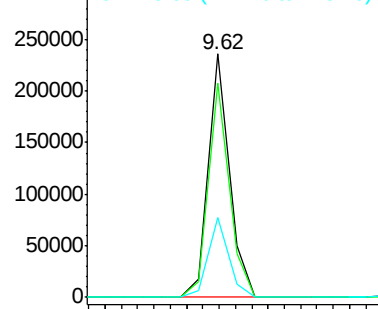
Tot Ion	Ratio	Resp	Lower	Upper
142	100	208530		
141	87.8		71.9	107.9
115	32.5		25.4	38.0

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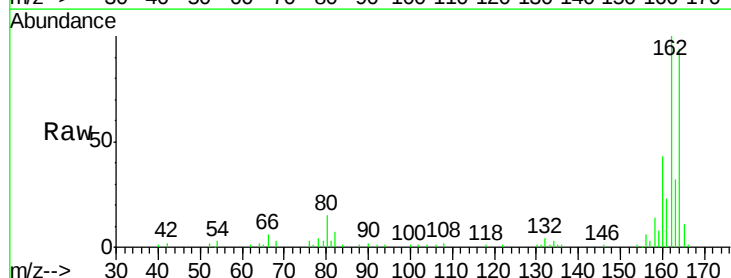


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

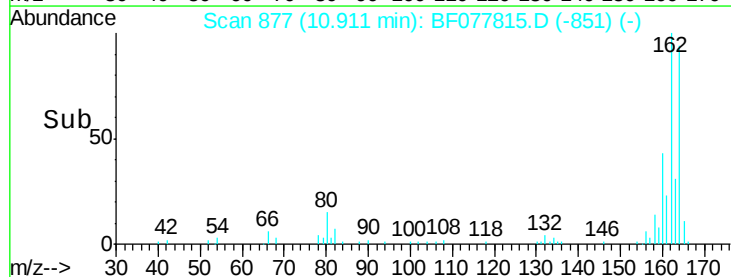
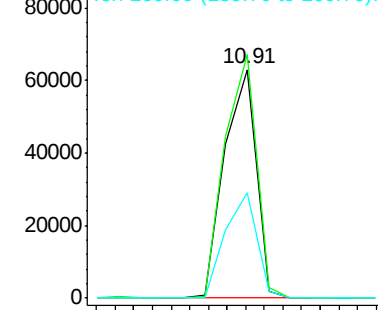


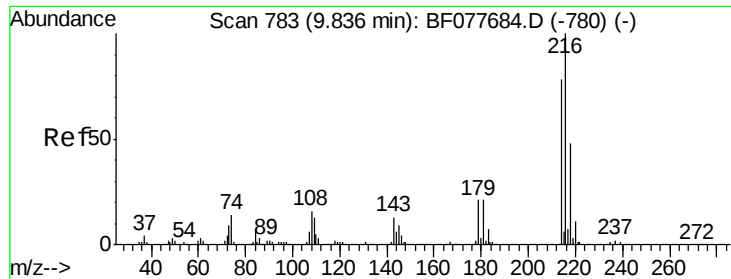
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	74293		
162	106.4		82.4	123.6
160	46.1		35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.19 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

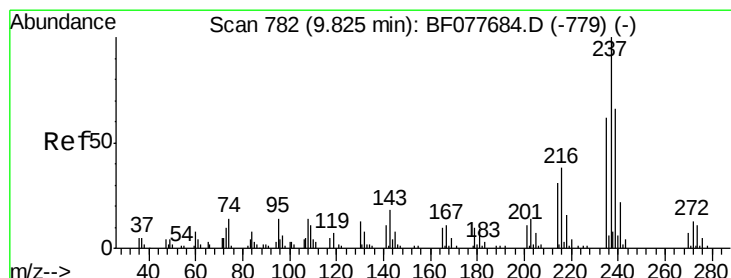
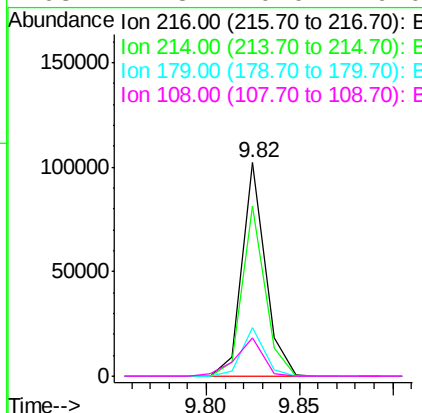
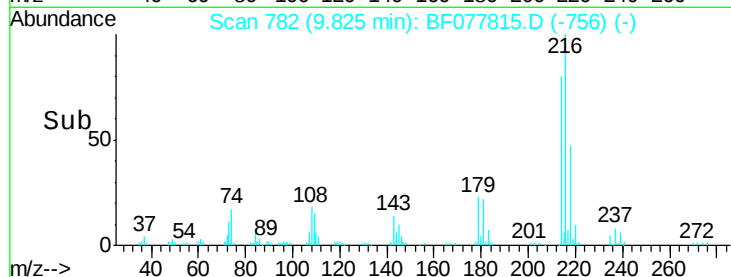
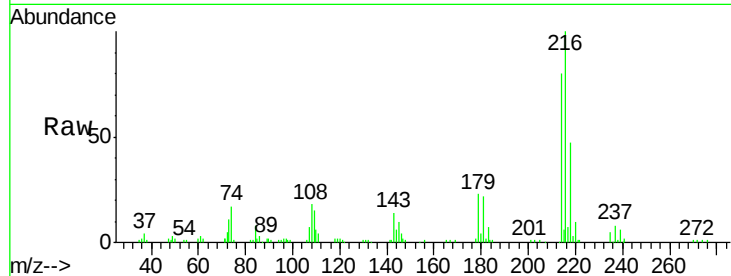
ClientSampleId :

PB82167BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.9	0.0	0.0#		
179	22.2	0.0	0.0#		
108	21.3	0.0	0.0#		

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#40

Hexachlorocyclopentadiene

Concen: 76.28 ng

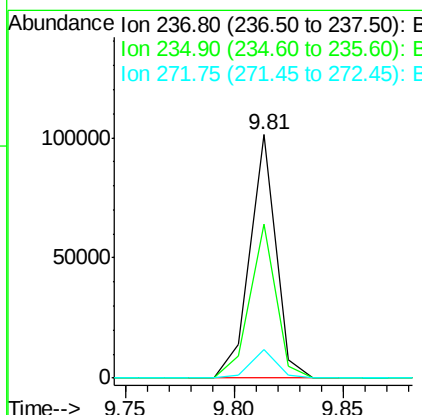
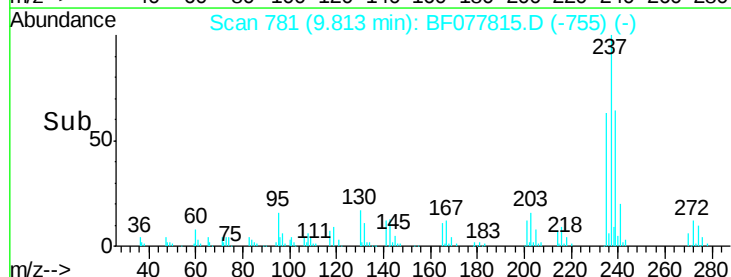
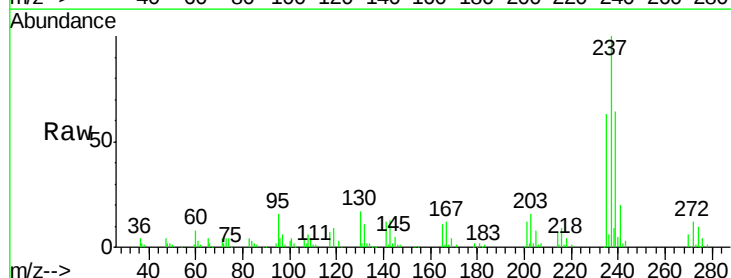
RT: 9.81 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.4	42.0	82.0		
272	11.8	0.0	33.4		





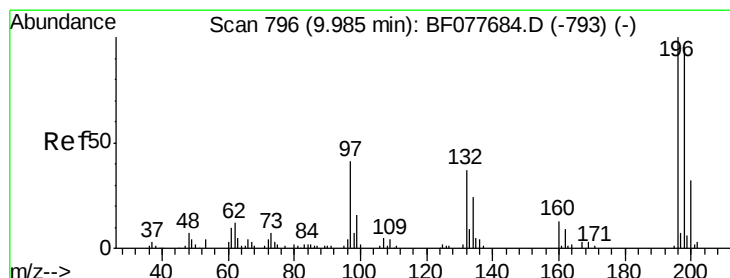
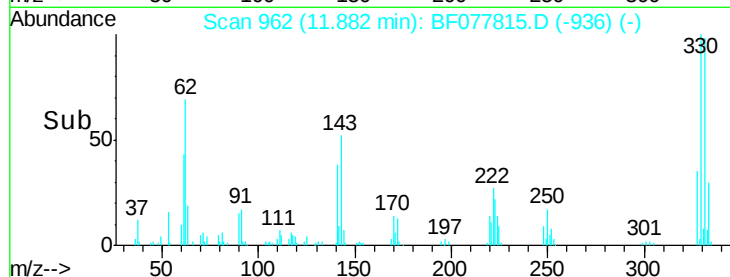
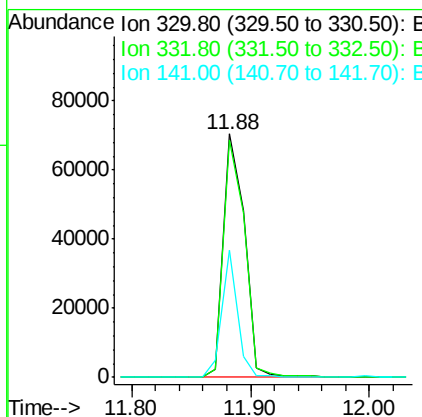
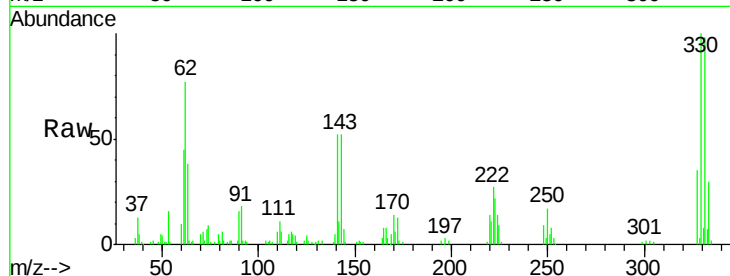
#41
 2,4,6-Tribromophenol
 Concen: 121.84 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	38.6	0.0	0.0#

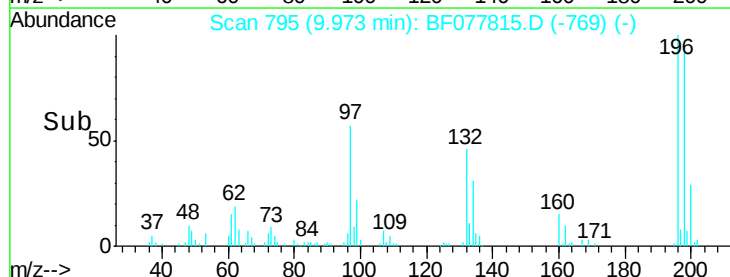
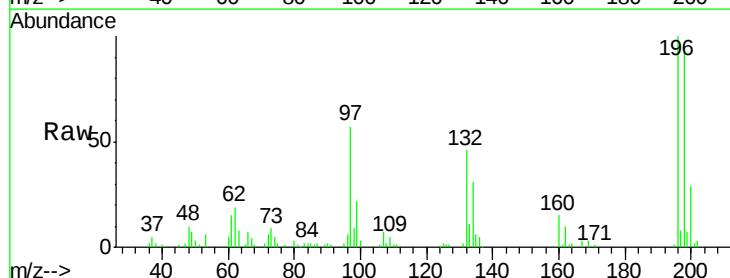
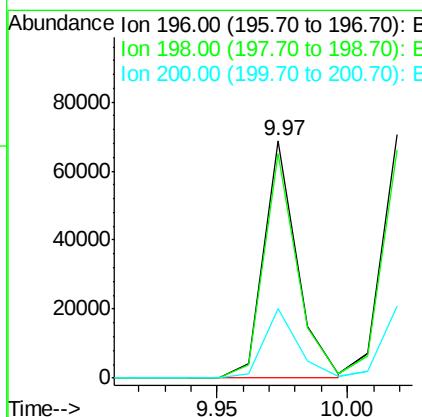
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#42
 2,4,6-Trichlorophenol
 Concen: 39.86 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.7	76.3	114.5
200	29.4	25.6	38.4





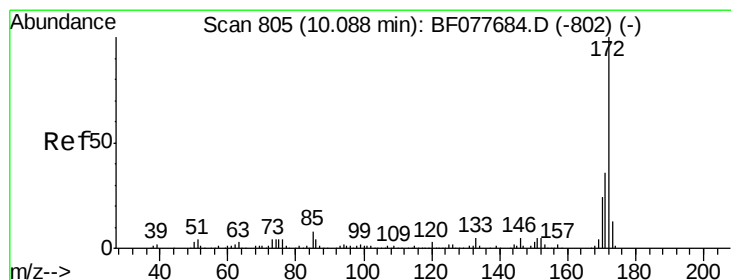
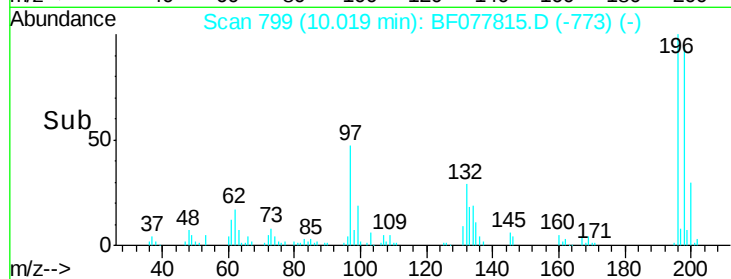
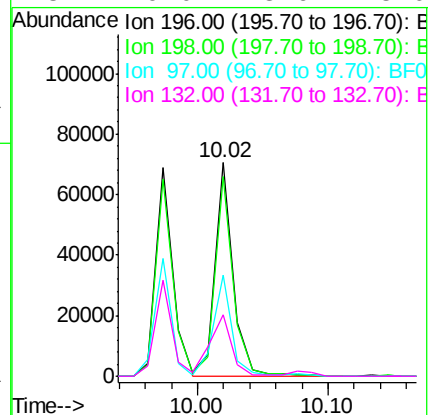
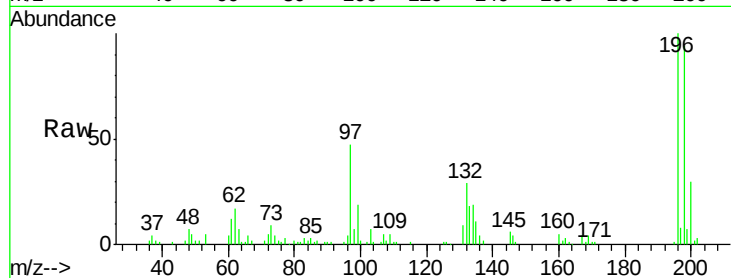
#43
 2,4,5-Trichlorophenol
 Concen: 41.47 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	68768		
198	93.8	79.4	119.0	
97	47.2	26.8	40.2#	
132	29.0	18.6	28.0#	

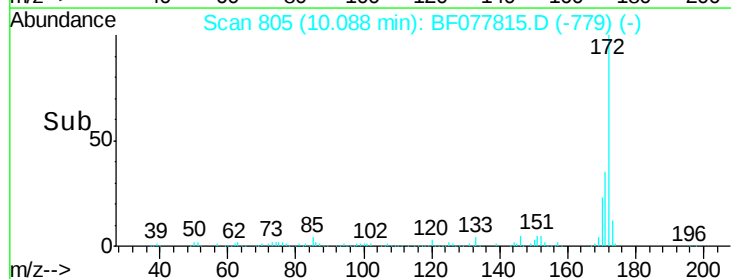
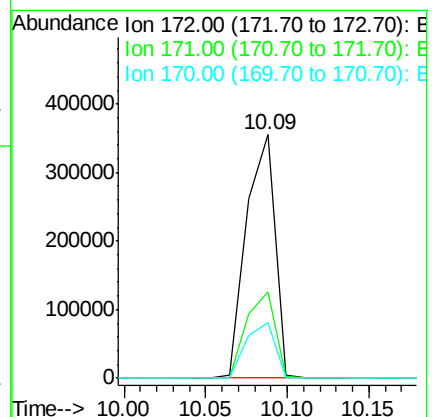
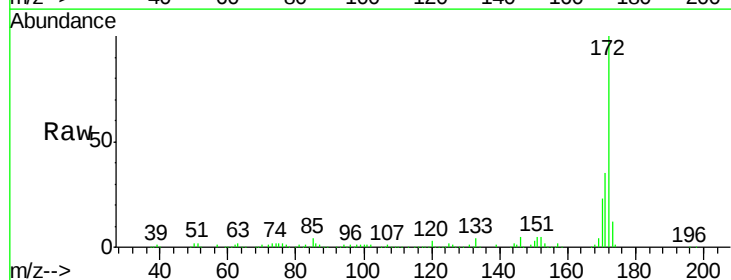
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 85.16 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	430512		
171	35.3	28.5	42.7	
170	23.0	18.8	28.2	





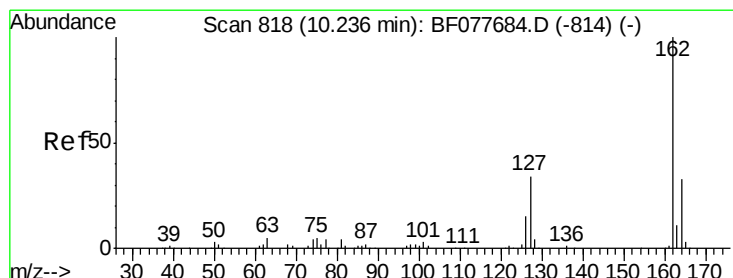
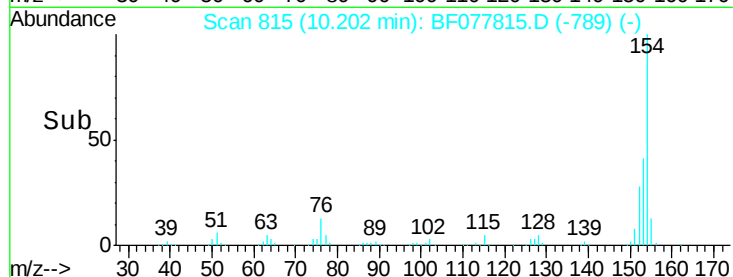
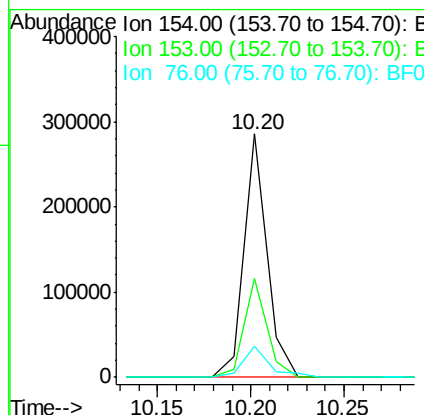
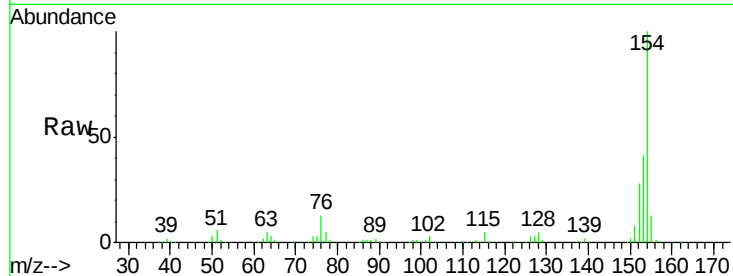
#45
1,1'-Biphenyl
Concen: 41.24 ng
RT: 10.20 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.7	60.7
76	12.5	0.0	30.9

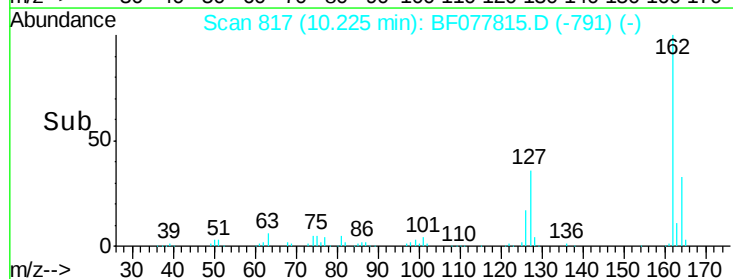
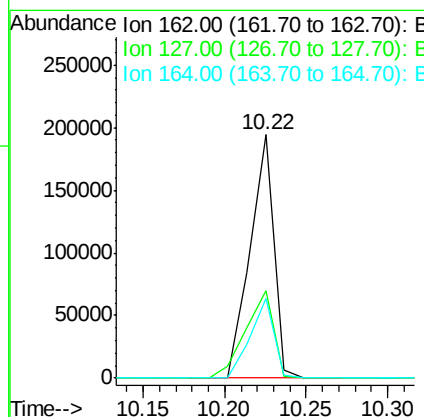
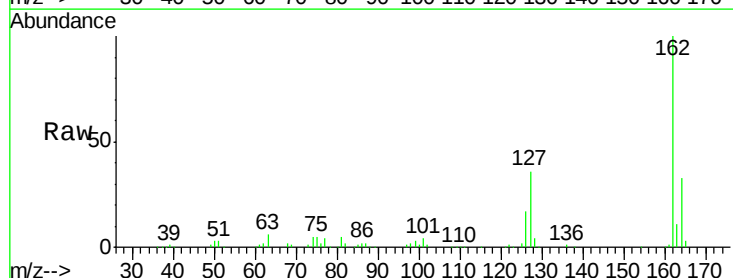
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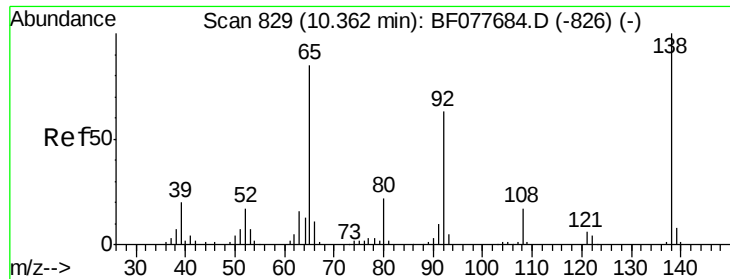
mohammad
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#46
2-Chloronaphthalene
Concen: 40.73 ng
RT: 10.22 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.0	26.9	40.3
164	32.9	26.8	40.2





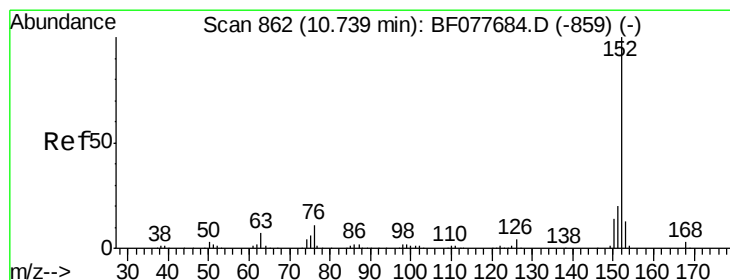
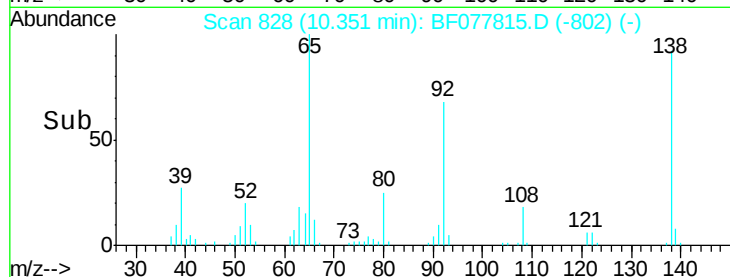
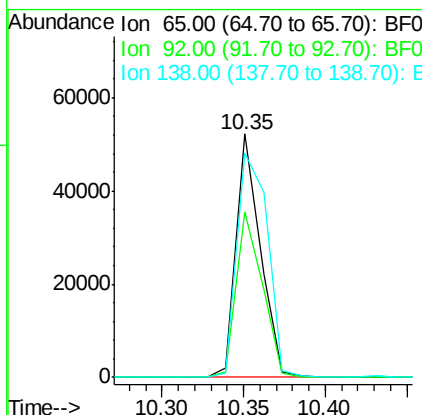
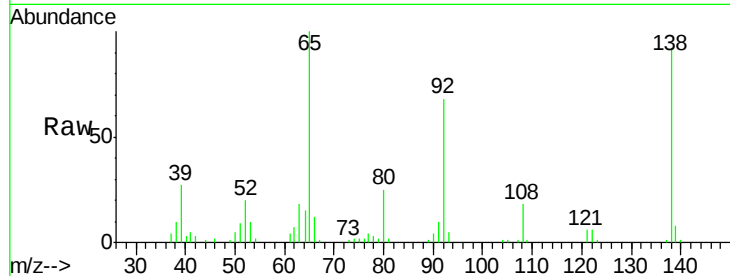
#47
 2-Nitroaniline
 Concen: 44.53 ng
 RT: 10.35 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.8	59.1	88.7
138	92.2	93.9	140.9

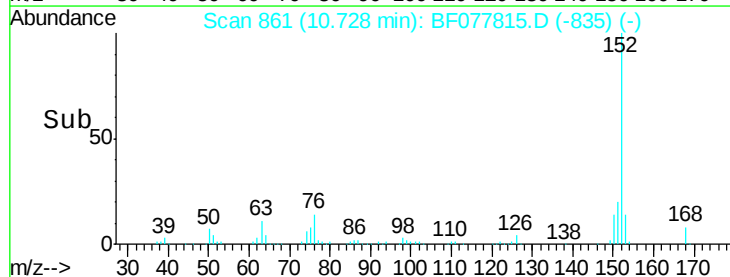
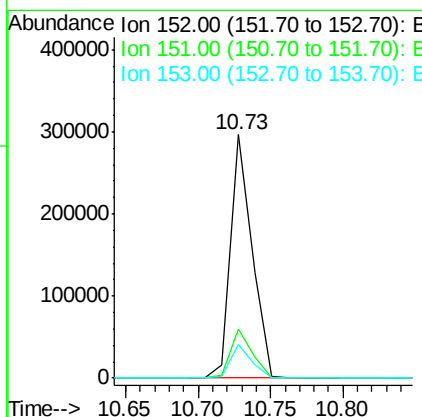
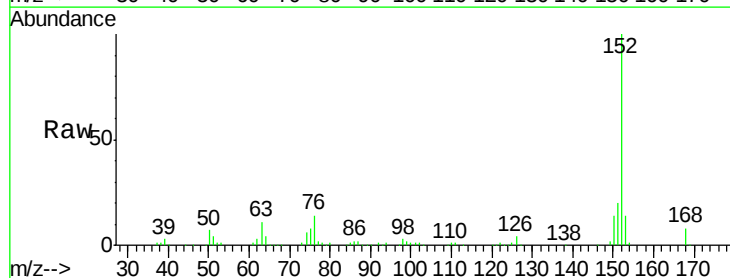
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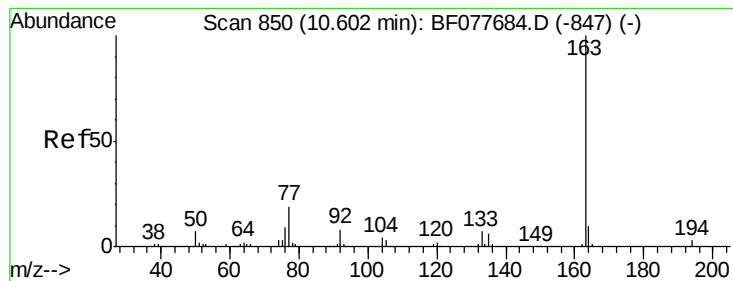
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#48
 Acenaphthylene
 Concen: 37.91 ng
 RT: 10.73 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.7	10.6	16.0





#49

Dimethylphthalate

Concen: 41.17 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

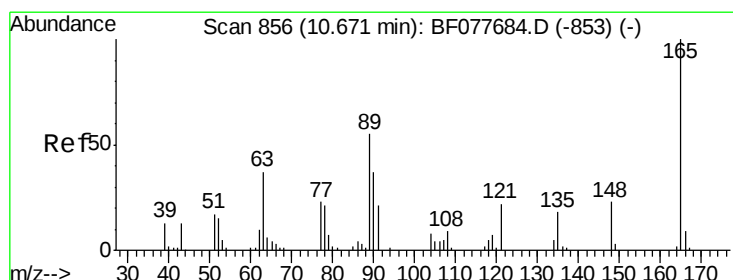
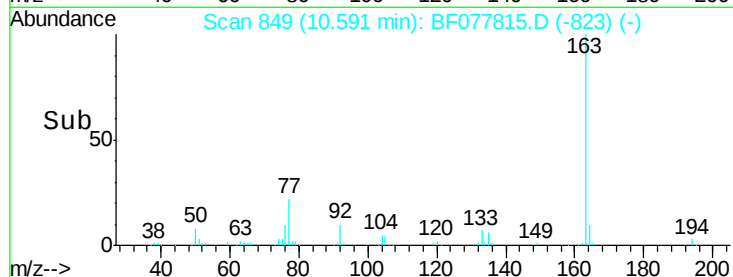
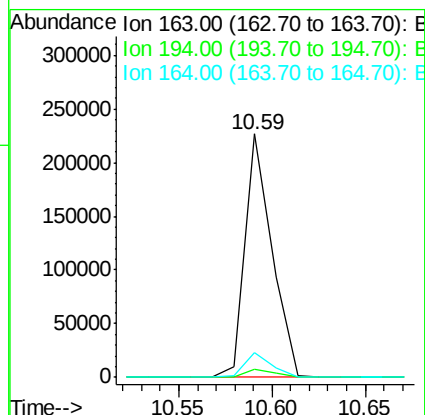
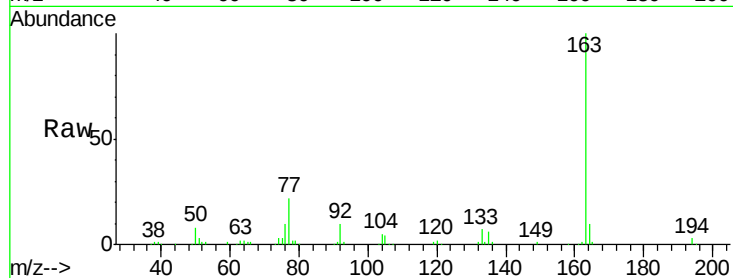
ClientSampleId :

PB82167BSD

Tot Ion:	163	Resp:	226866
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	10.0	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 43.29 ng

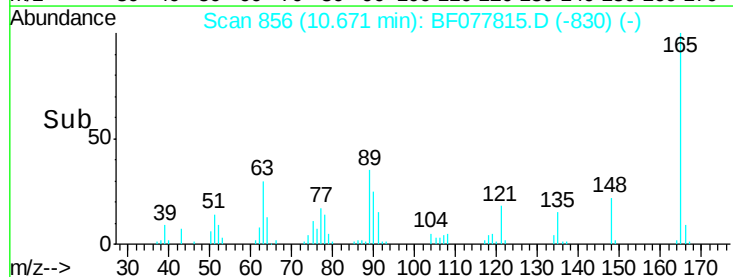
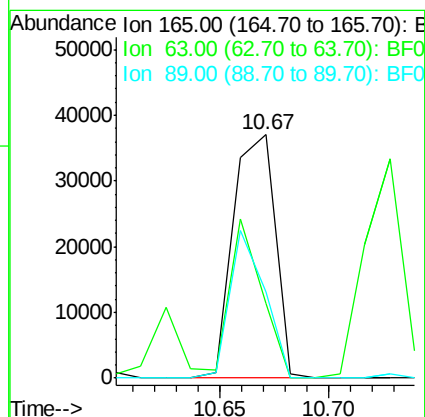
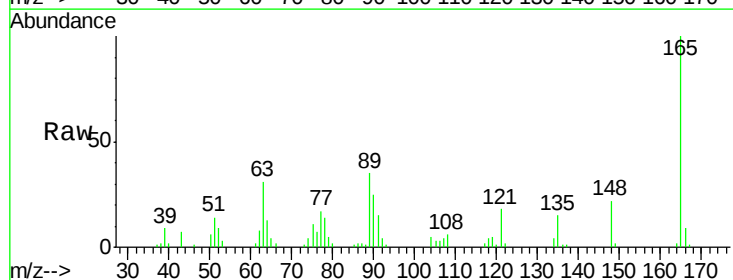
RT: 10.67 min Scan# 856

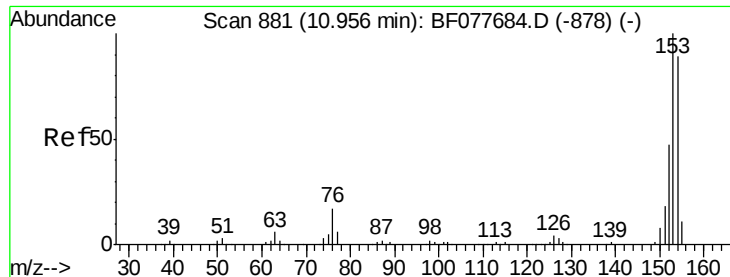
Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Tgt Ion:	165	Resp:	49448
Ion Ratio	Lower	Upper	
165	100		
63	30.9	44.1	66.1#
89	35.5	44.3	66.5#





#51

Acenaphthene

Concen: 40.53 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

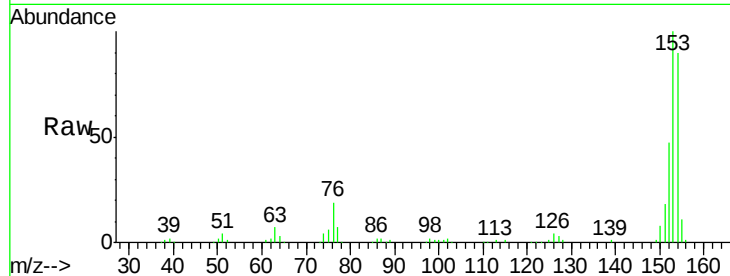
ClientSampleId :

PB82167BSD

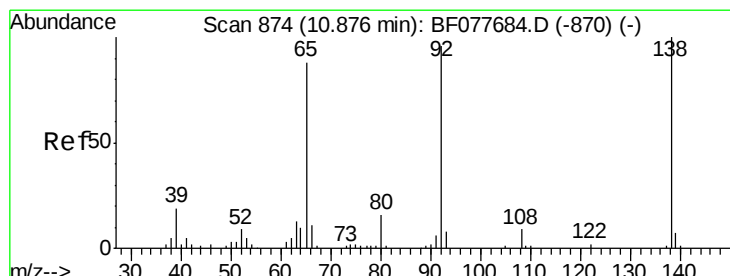
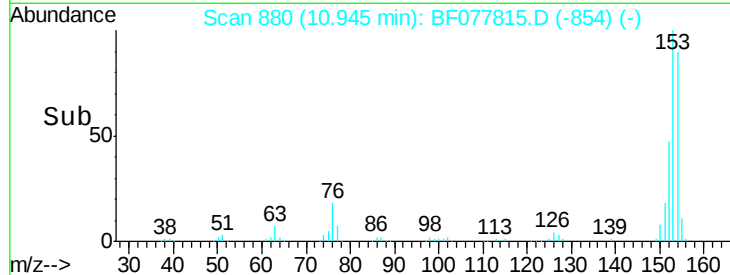
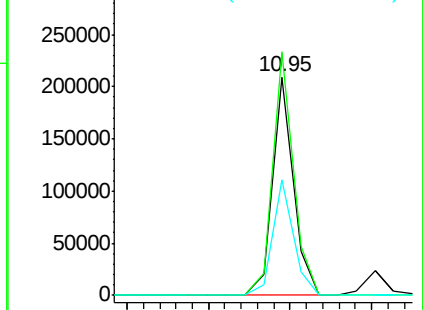
Tot Ion:	154	Resp:	186485
Ion Ratio	Lower	Upper	
154	100		
153	111.5	90.0	135.0
152	52.9	42.6	63.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.79 ng

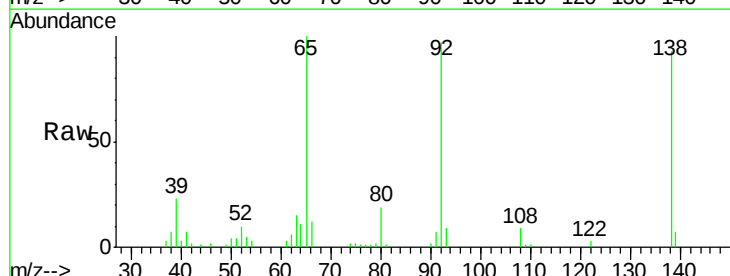
RT: 10.87 min Scan# 873

Delta R.T. 0.00 min

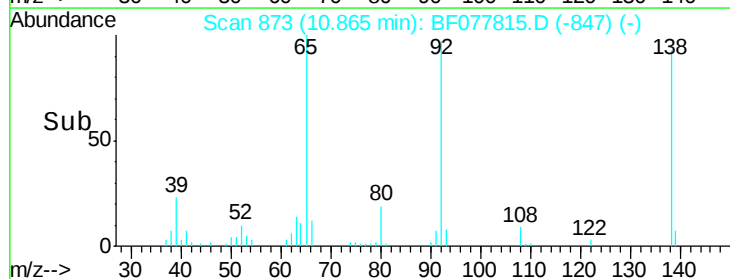
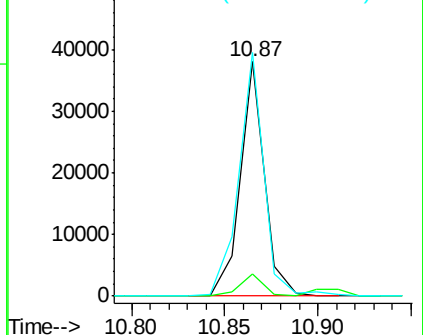
Lab File: BF077815.D

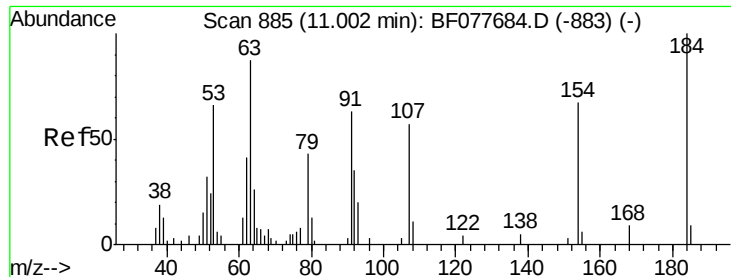
Acq: 19 Mar 2015 2:22

Tgt Ion:	138	Resp:	34217
Ion Ratio	Lower	Upper	
138	100		
108	9.5	7.3	10.9
92	103.9	76.6	114.8



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





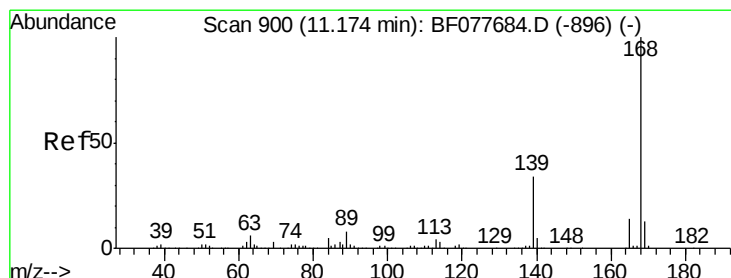
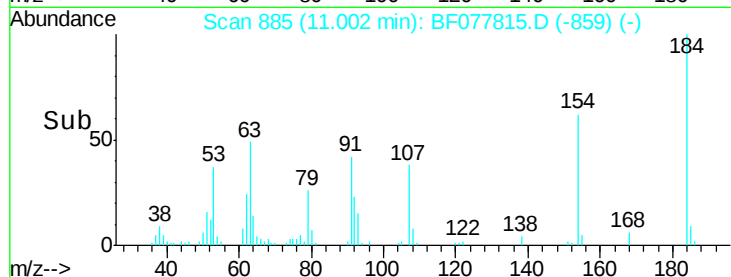
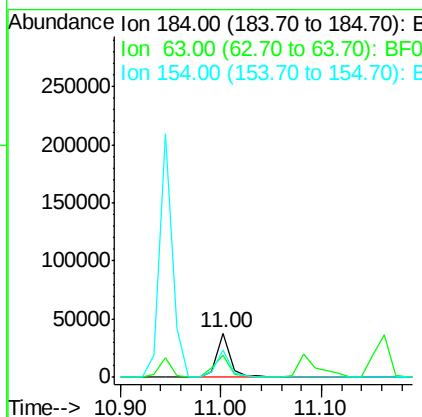
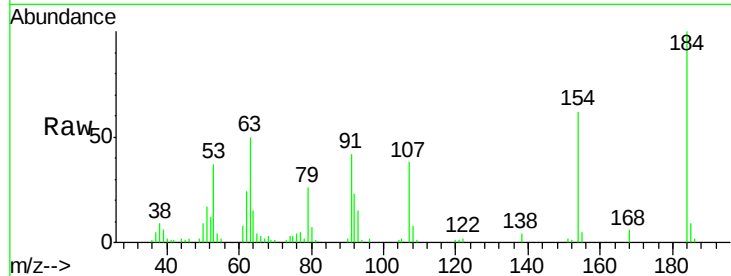
#53
 2,4-Dinitrophenol
 Concen: 86.98 ng
 RT: 11.00 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.1	69.2	103.8#
154	62.1	53.3	79.9

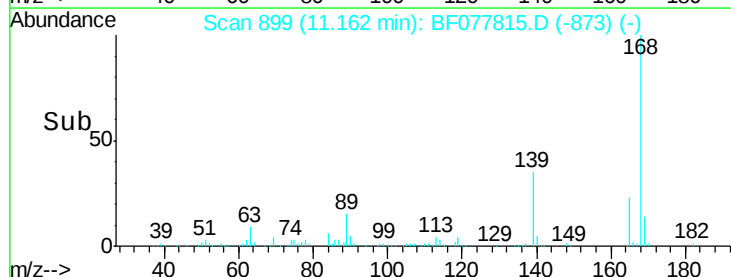
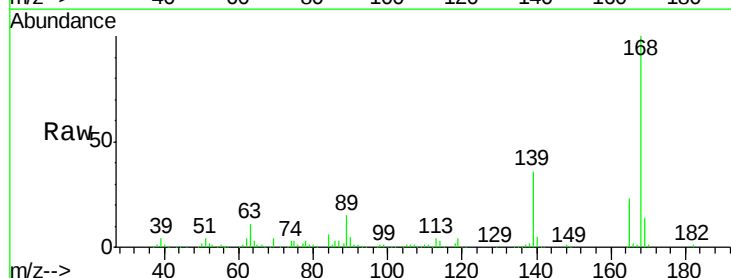
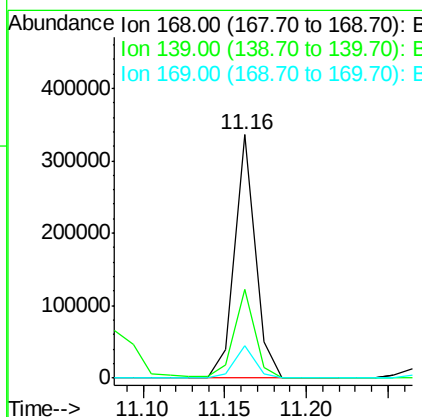
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#54
 Dibenzofuran
 Concen: 42.98 ng
 RT: 11.16 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.4	27.3	40.9
169	13.5	10.6	16.0





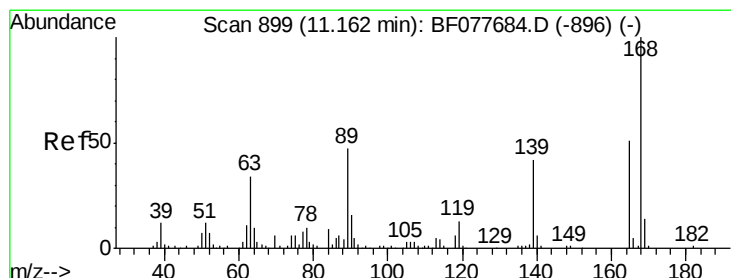
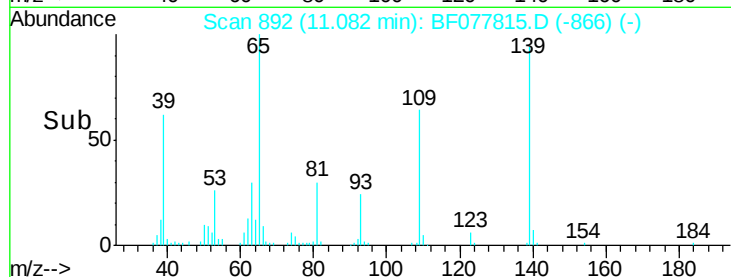
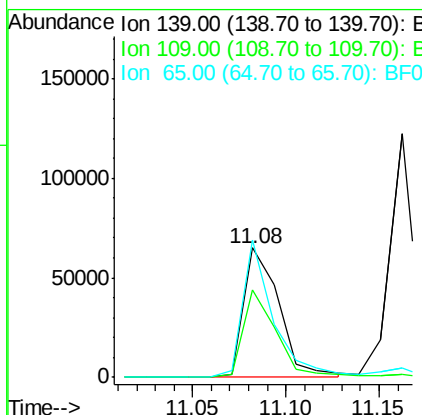
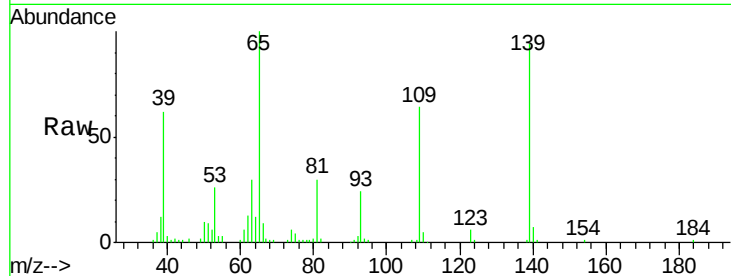
#55
4-Nitrophenol
Concen: 87.13 ng
RT: 11.08 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.5	37.7	77.7	
65	105.9	49.9	89.9	

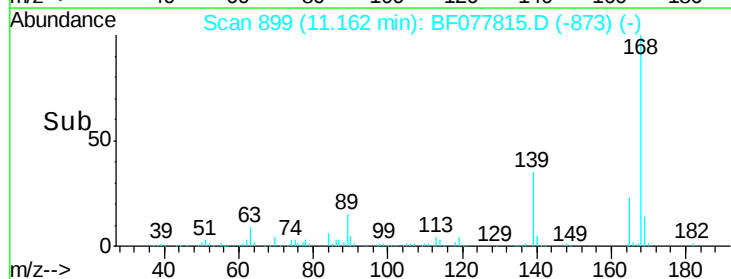
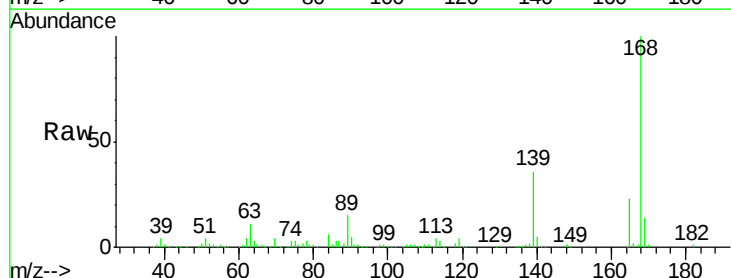
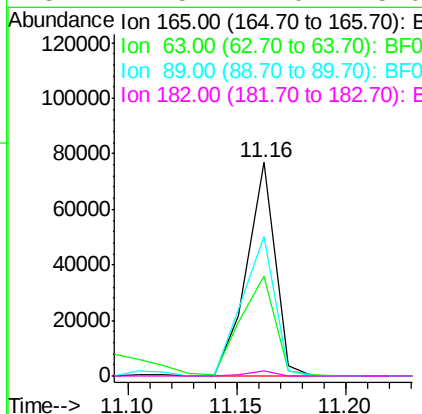
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#56
2,4-Dinitrotoluene
Concen: 47.13 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.0	52.4	78.6	
89	65.6	72.4	108.6	
182	2.5	2.0	3.0	





#57

Fluorene

Concen: 40.99 ng

RT: 11.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

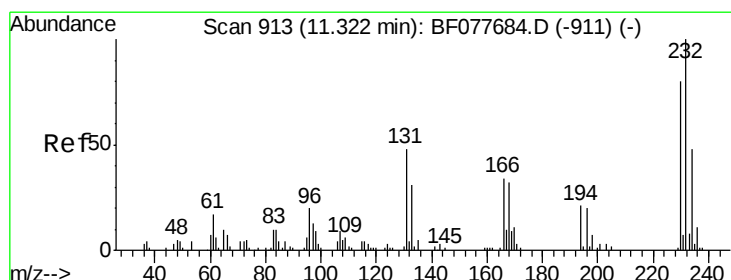
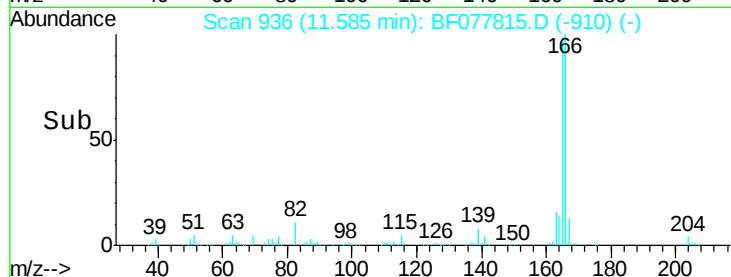
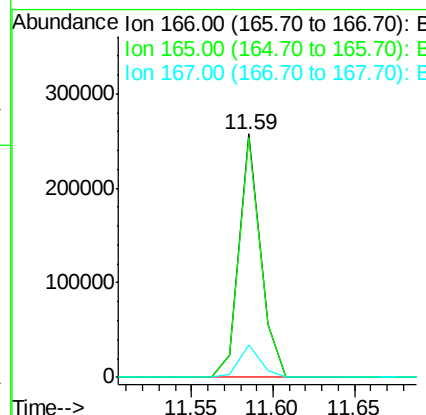
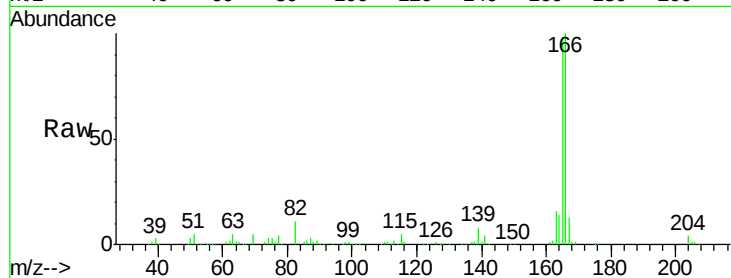
ClientSampleId :

PB82167BSD

Tot Ion:	166	Resp:	232287
Ion Ratio		Lower	Upper
166	100		
165	98.3	79.0	118.4
167	13.2	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.35 ng

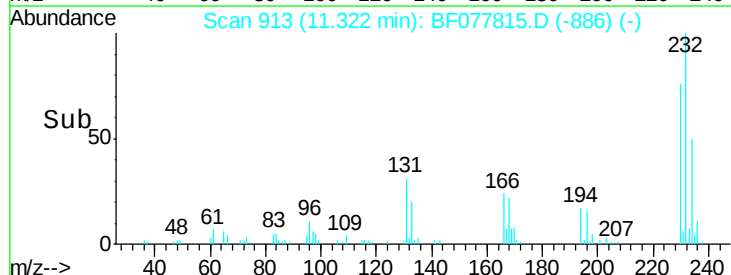
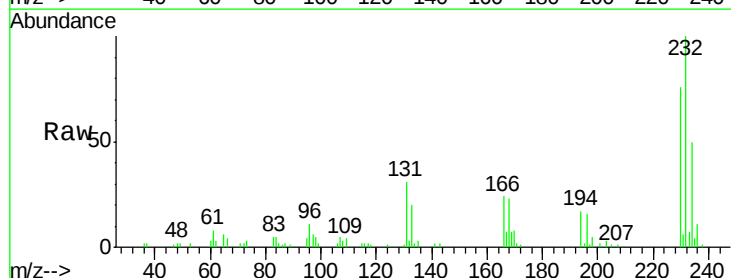
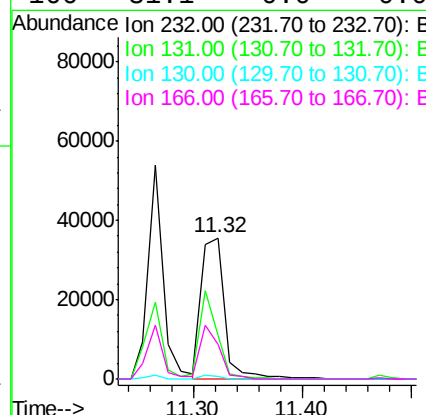
RT: 11.32 min Scan# 913

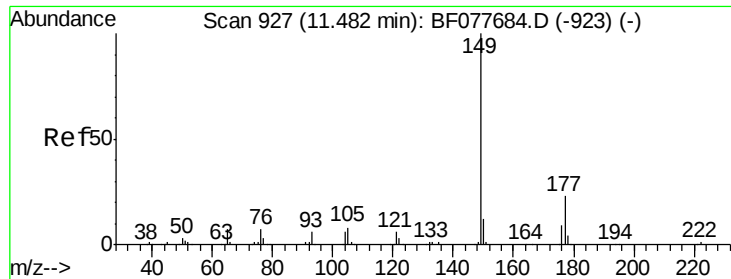
Delta R.T. 0.01 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Tgt Ion:	232	Resp:	54078
Ion Ratio		Lower	Upper
232	100		
131	47.1	0.0	0.0#
130	2.1	0.0	0.0#
166	31.1	0.0	0.0#





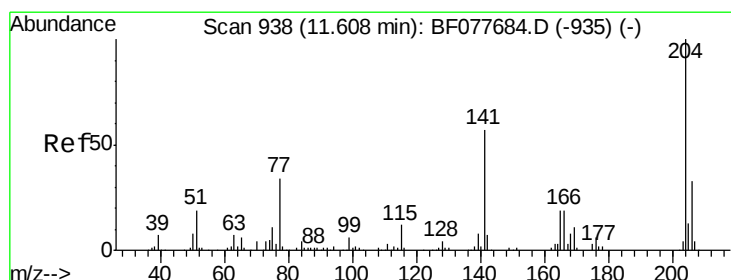
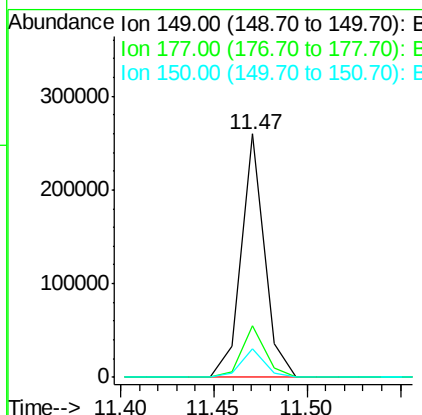
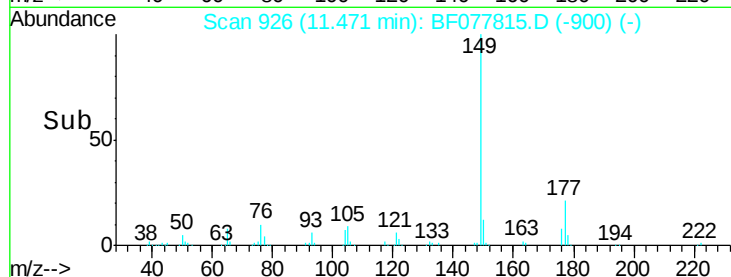
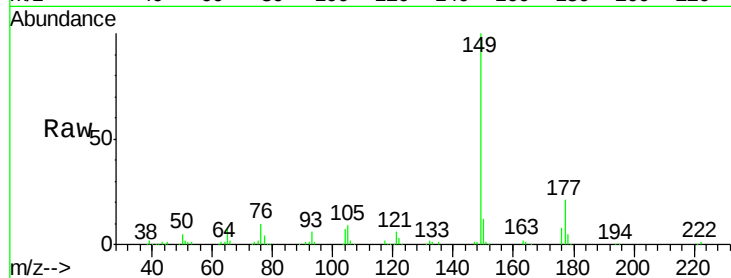
#59
Diethylphthalate
Concen: 42.15 ng
RT: 11.47 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	226319		
177	21.1	18.3	27.5	
150	12.0	9.8	14.8	

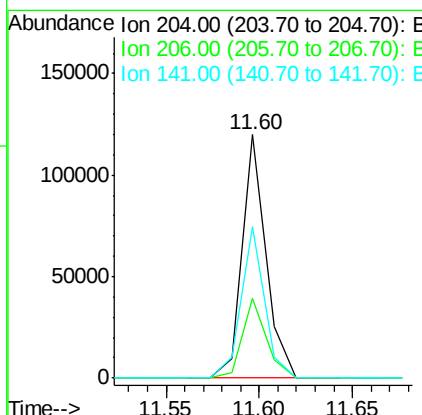
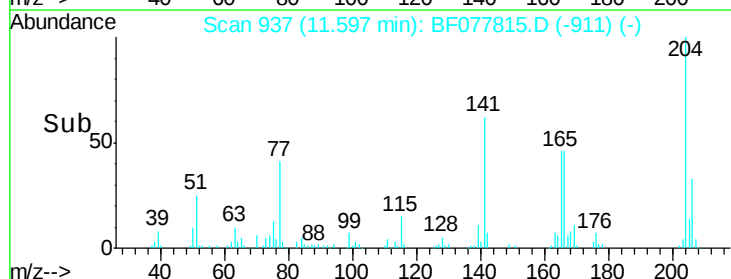
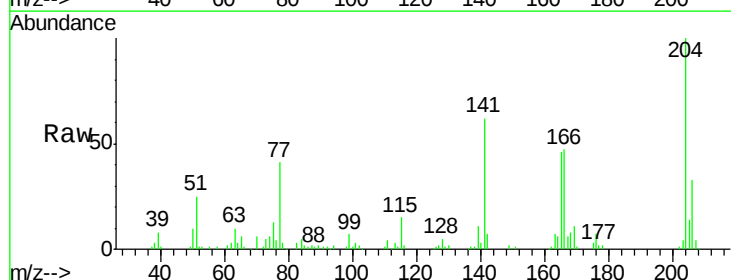
Manual Integrations
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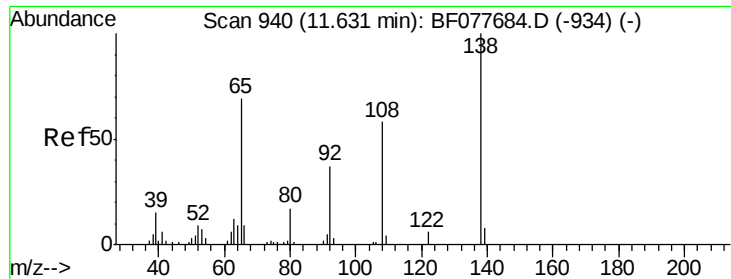
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#60
4-Chlorophenyl-phenylether
Concen: 41.17 ng
RT: 11.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	106483		
206	32.7	26.6	39.8	
141	62.3	45.2	67.8	





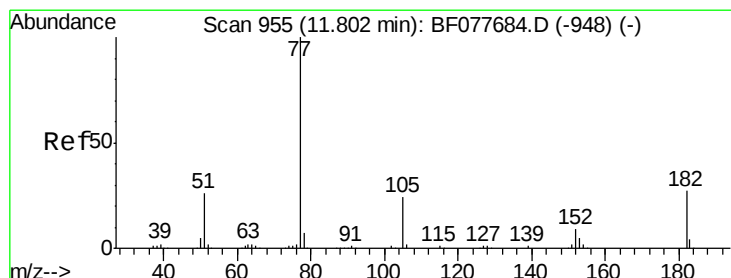
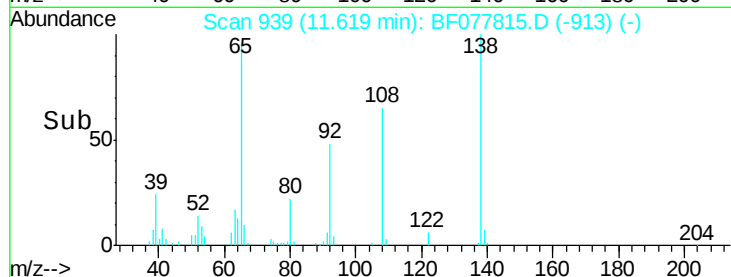
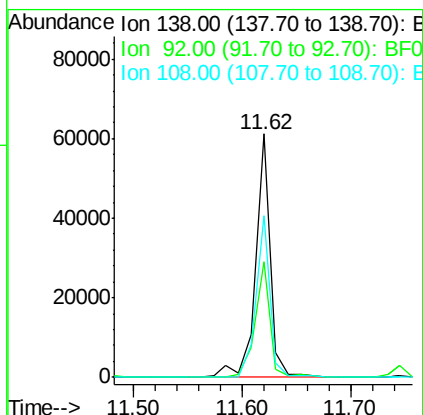
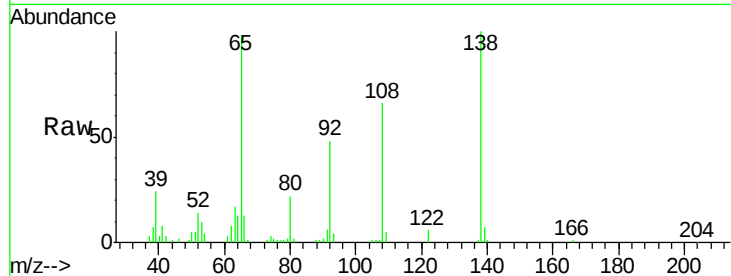
#61
4-Nitroaniline
Concen: 43.89 ng
RT: 11.62 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.7	16.7	56.7
108	66.5	37.6	77.6

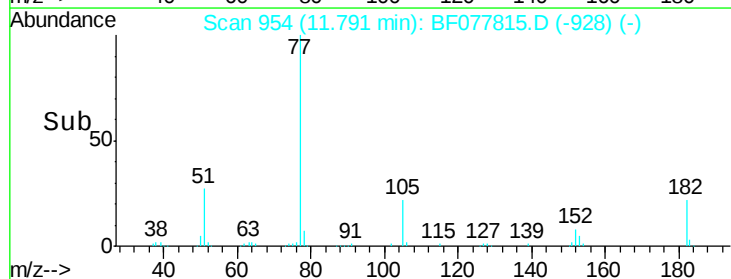
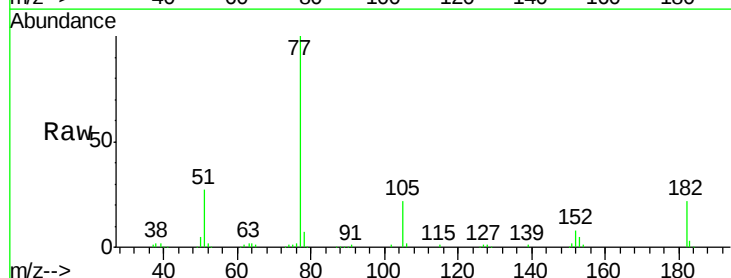
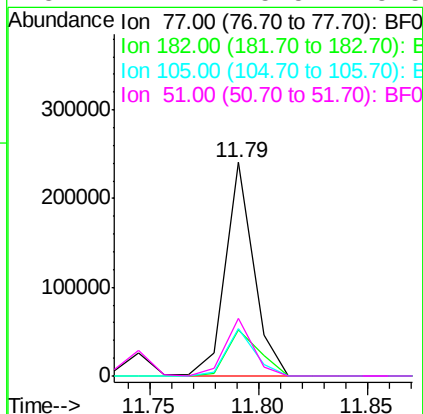
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#62
Azobenzene
Concen: 41.92 ng
RT: 11.79 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.6	6.5	46.5
105	22.0	3.8	43.8
51	27.2	5.5	45.5





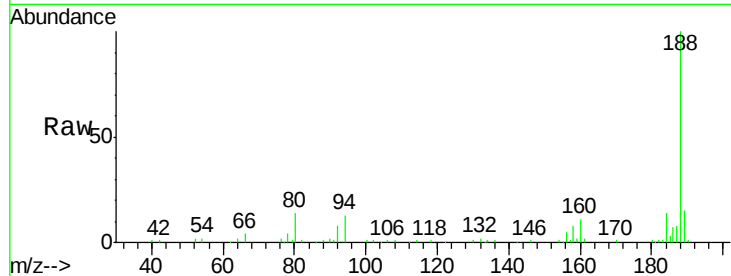
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

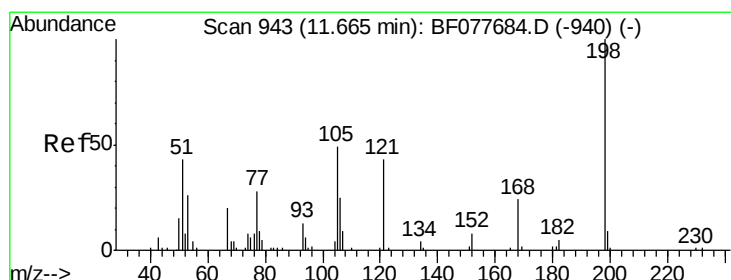
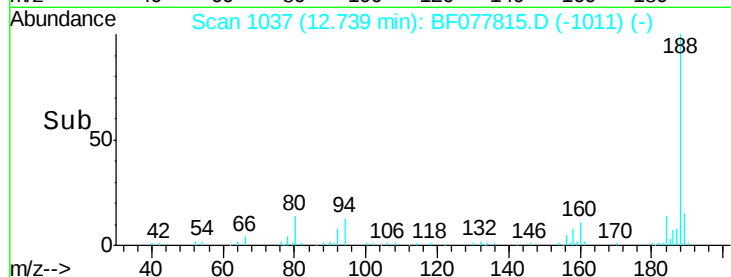
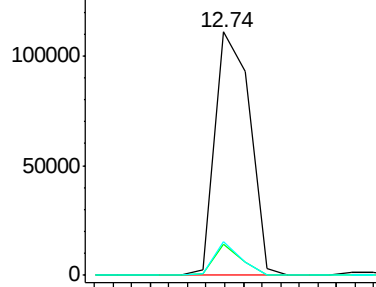
Tot Ion:	188	Resp:	144124
Ion Ratio	Lower	Upper	
188	100		
94	12.8	8.7	13.1
80	13.6	9.3	13.9

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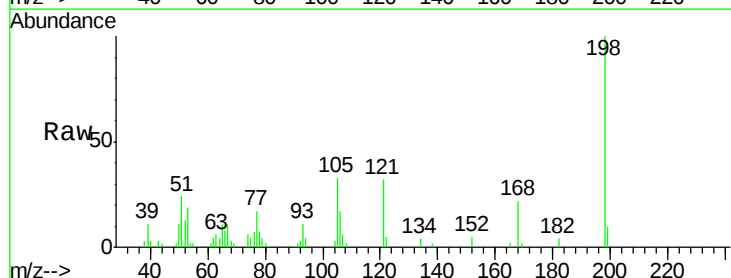


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

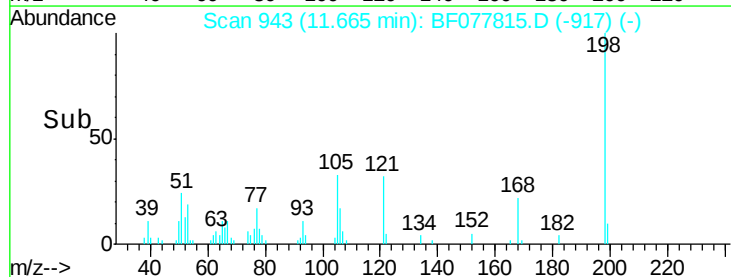
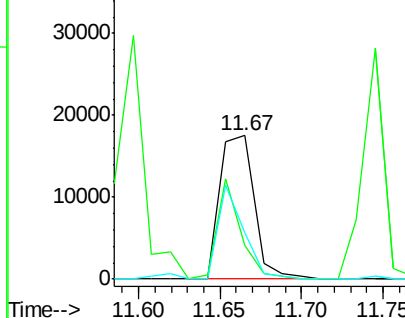


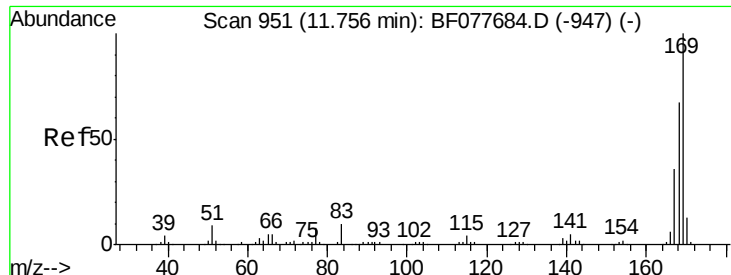
#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.60 ng
 RT: 11.67 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion:	198	Resp:	25636
Ion Ratio	Lower	Upper	
198	100		
51	23.8	28.8	68.8#
105	32.6	30.5	70.5



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





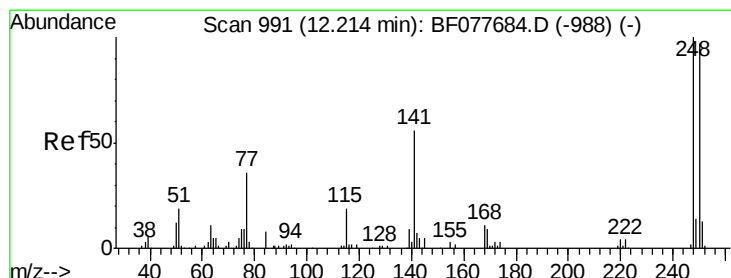
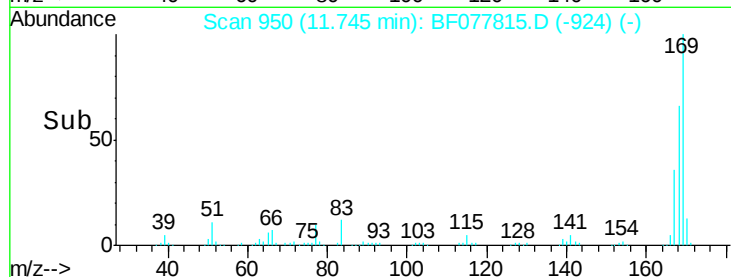
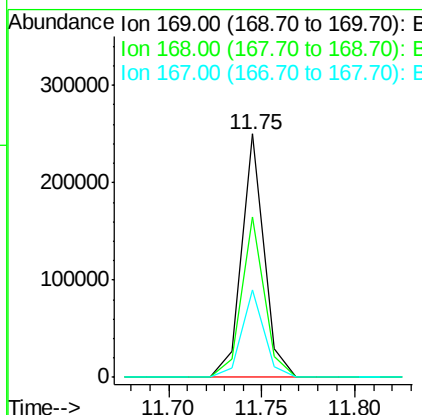
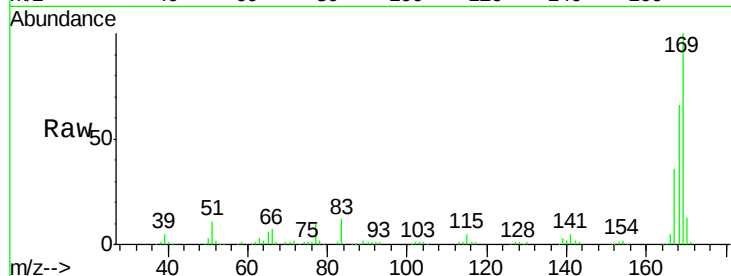
#65
 n-Nitrosodiphenylamine
 Concen: 43.73 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	209879		
168	65.8		53.9	80.9
167	35.7		28.9	43.3

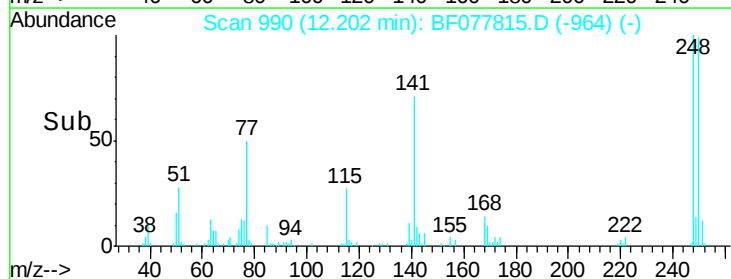
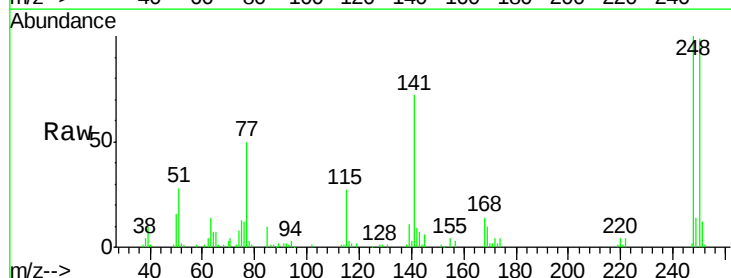
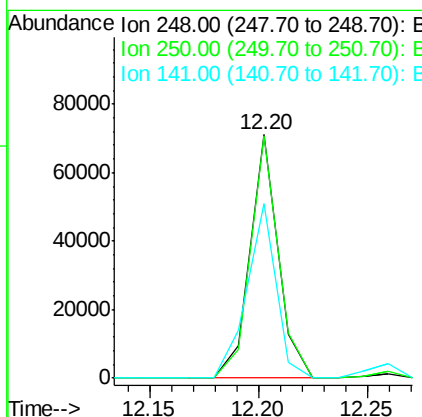
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#66
 4-Bromophenyl-phenylether
 Concen: 41.71 ng
 RT: 12.20 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	64160		
250	99.3		77.4	116.0
141	71.8		45.2	67.8





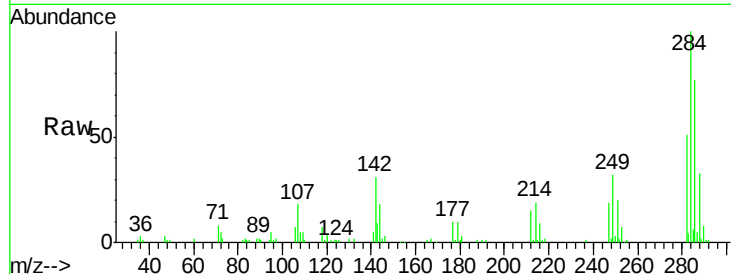
#67
Hexachlorobenzene
Concen: 40.90 ng
RT: 12.26 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

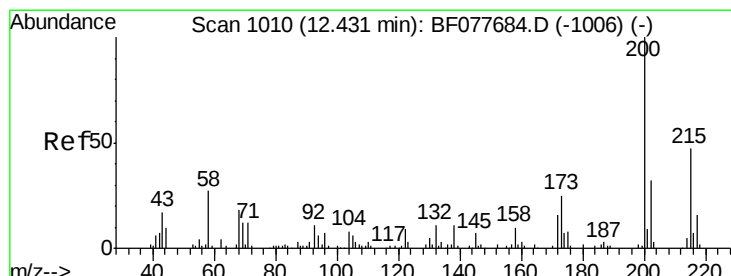
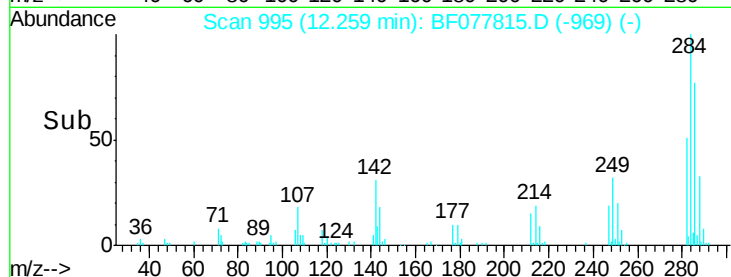
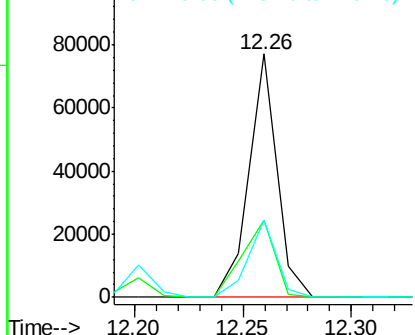
Tot Ion	Ratio	Resp	Lower	Upper
284	100	69125		
142	31.5	20.4	30.6	#
249	31.6	23.8	35.6	

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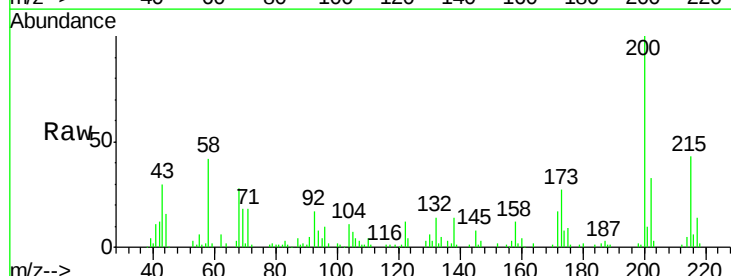


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

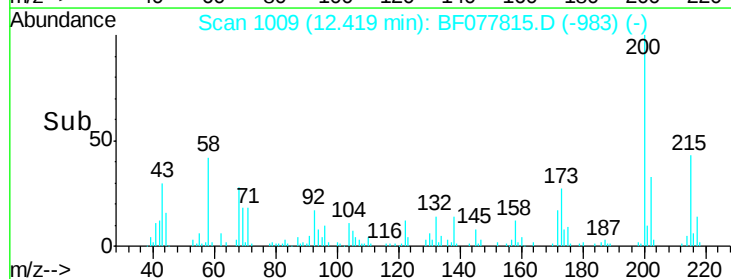
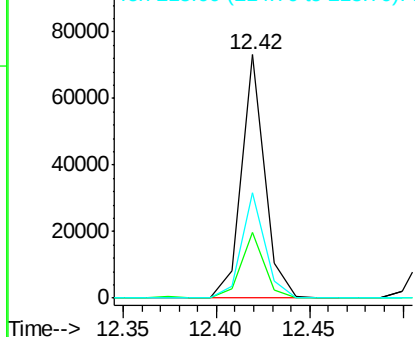


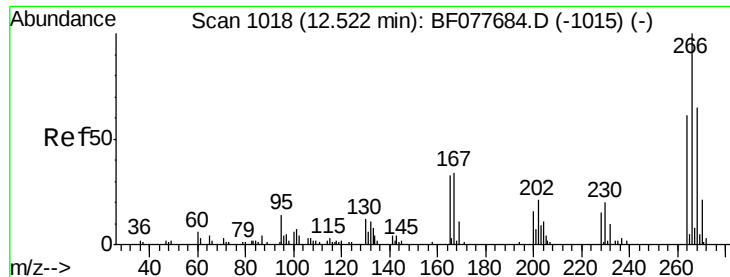
#68
Atrazine
Concen: 47.01 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	63228		
173	26.9	4.8	44.8	
215	43.4	26.9	66.9	



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





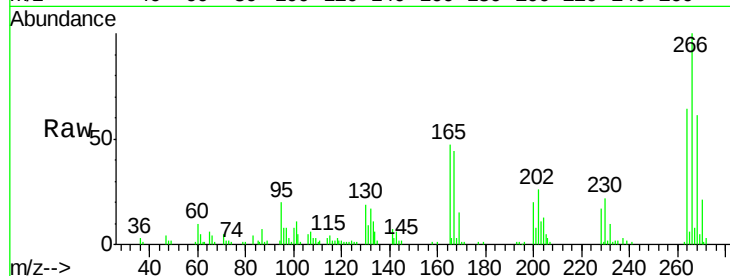
#69
 Pentachlorophenol
 Concen: 81.96 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

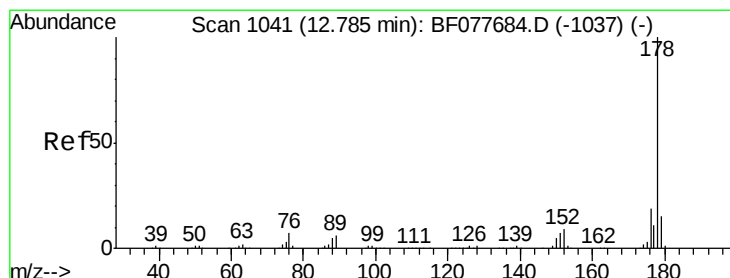
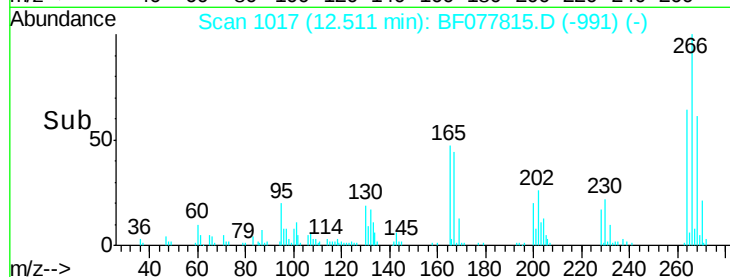
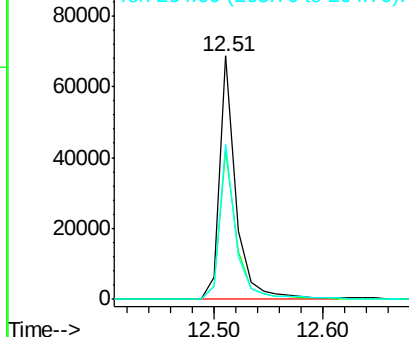
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.3	52.0	78.0
264	64.0	49.0	73.4

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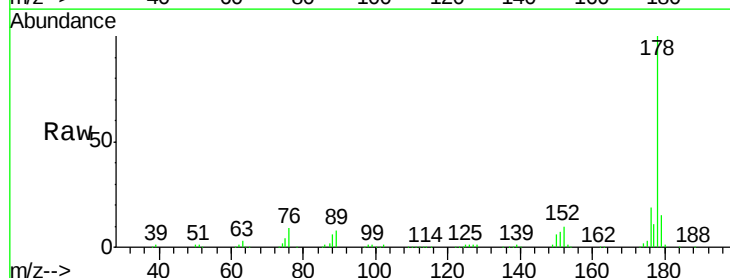


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

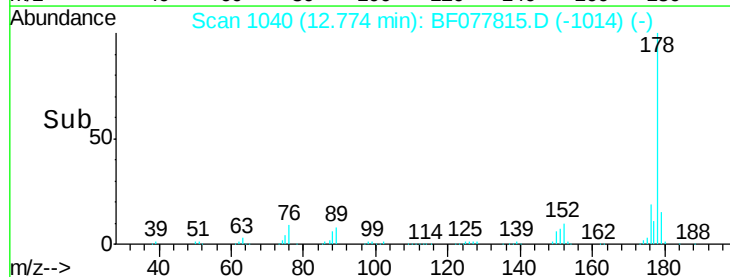
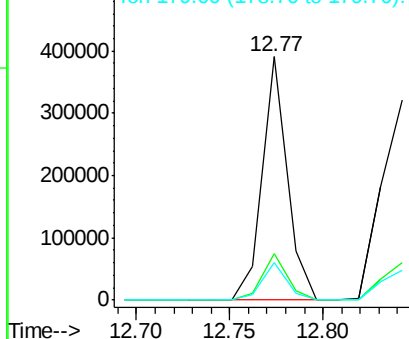


#70
 Phenanthrene
 Concen: 43.70 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.5	12.1	18.1



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





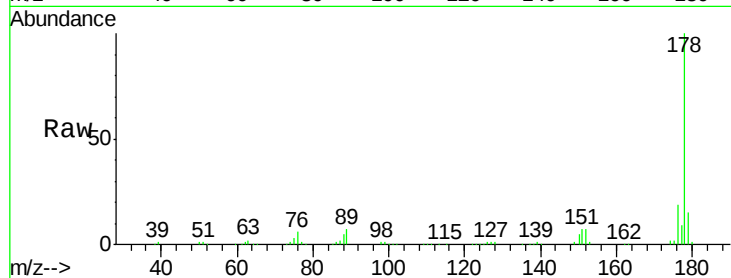
#71
 Anthracene
 Concen: 44.01 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100	359775		
176	18.8		14.6	22.0
179	15.2		12.6	19.0

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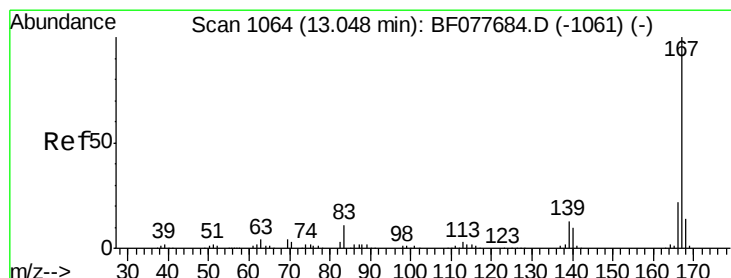
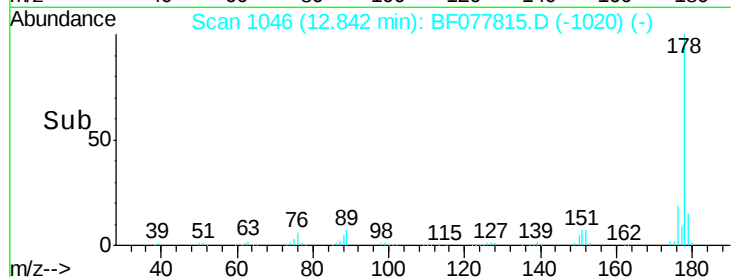
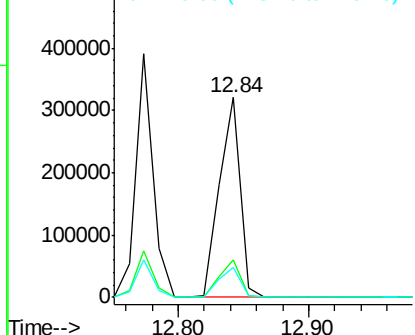


Abundance

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: 45.67 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

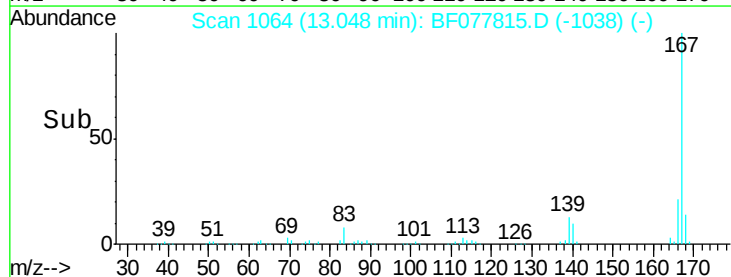
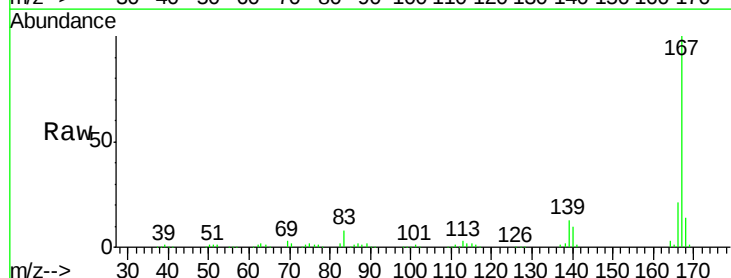
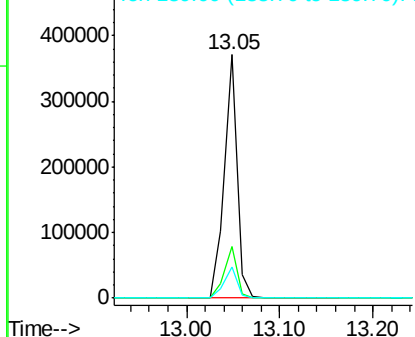
Tgt Ion	Ratio	Resp	Lower	Upper
167	100	355098		
166	21.2		17.2	25.8
139	12.7		10.8	16.2

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: 40.51 ng

RT: 13.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

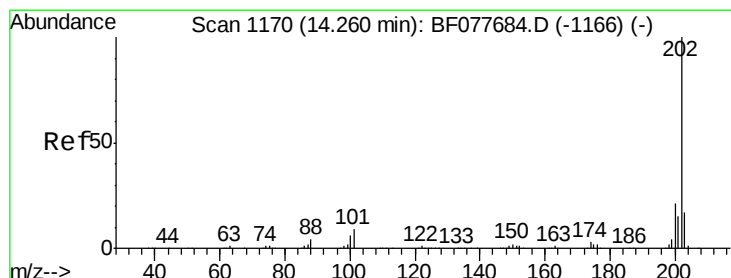
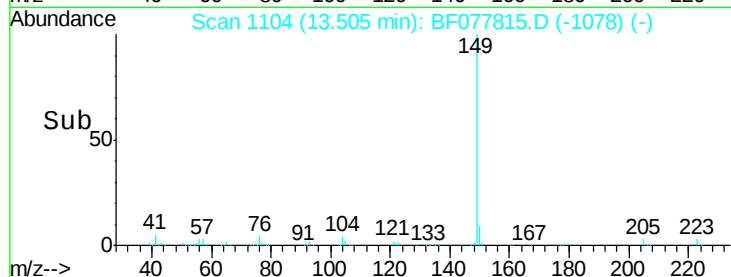
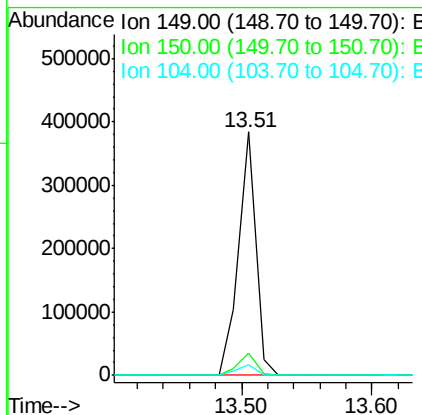
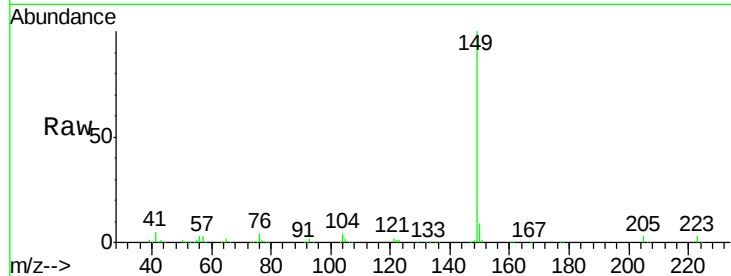
ClientSampleId :

PB82167BSD

Tot Ion:	149	Resp:	353193
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.5	11.3
104	4.3	3.7	5.5

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#74

Fluoranthene

Concen: 43.12 ng

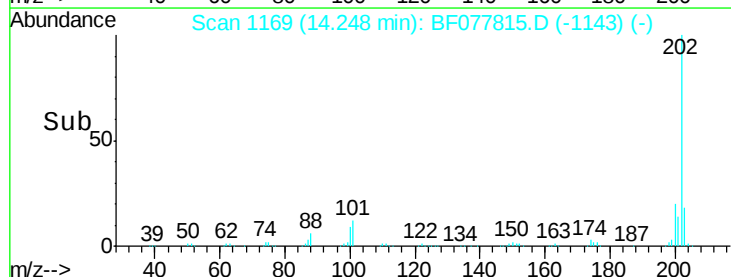
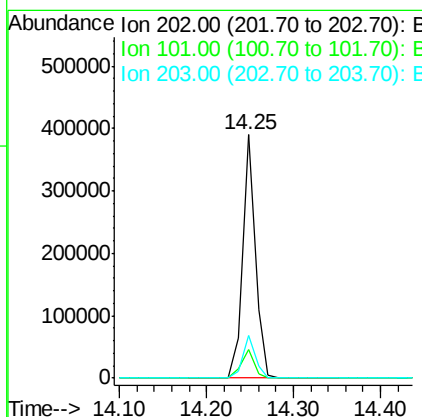
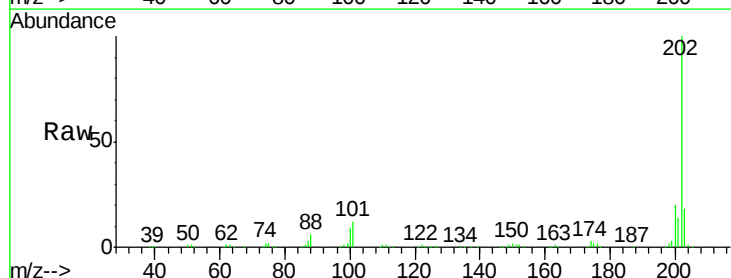
RT: 14.25 min Scan# 1169

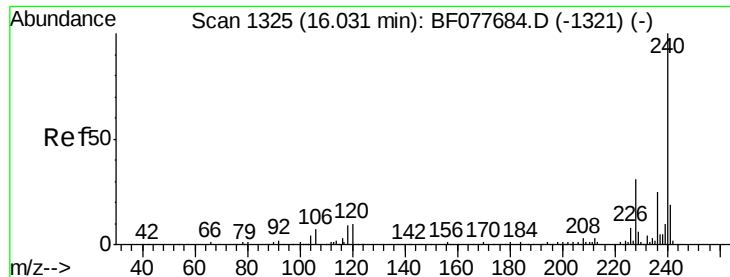
Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Tgt Ion:	202	Resp:	393494
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	28.7
203	17.5	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

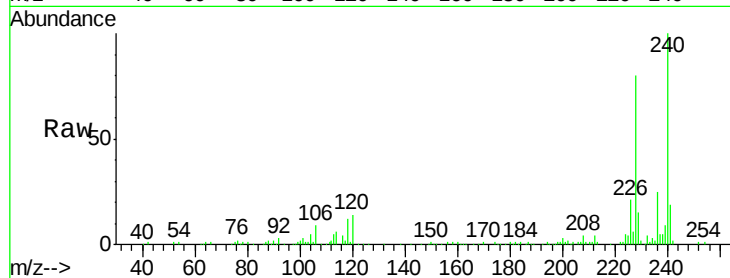
ClientSampleId :

PB82167BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.2	12.2
236	25.0	20.0	30.0

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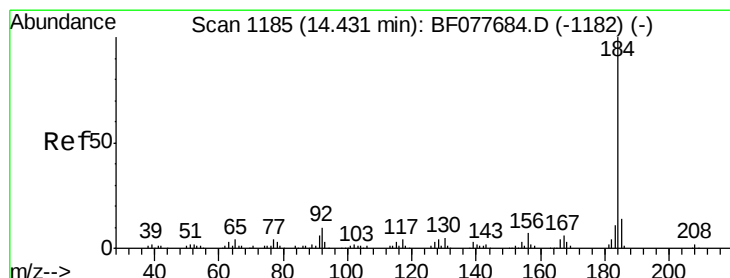
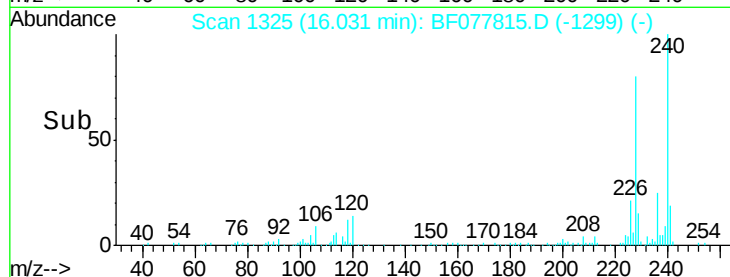
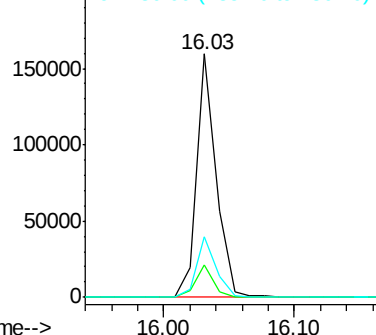
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.32 ng

RT: 14.43 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF077815.D

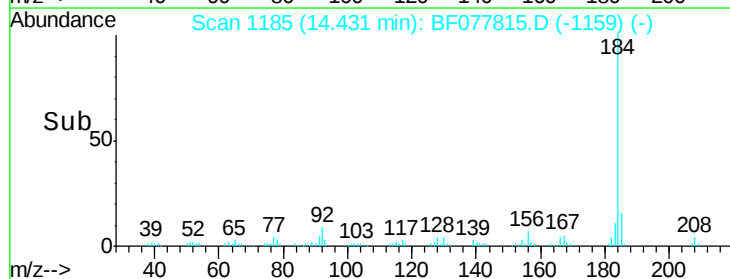
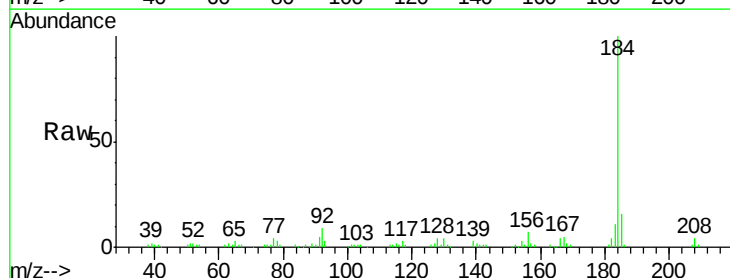
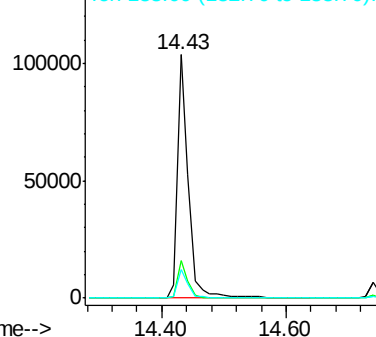
Acq: 19 Mar 2015 2:22

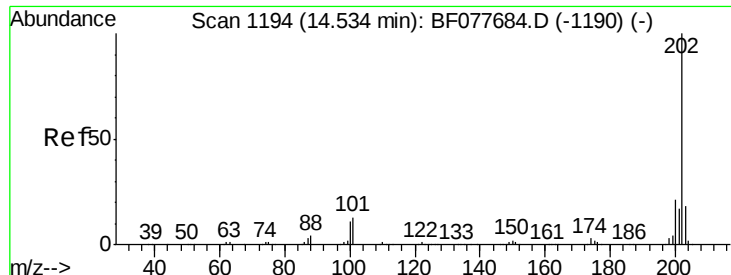
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.3	16.9
183	11.5	8.9	13.3

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





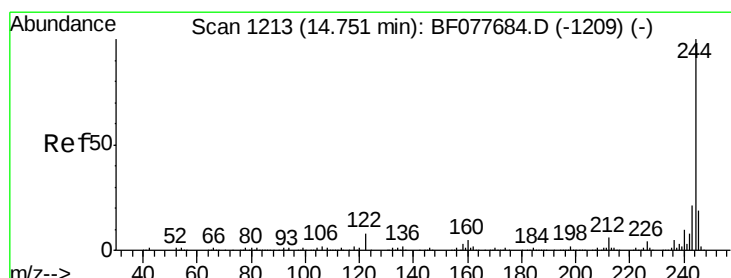
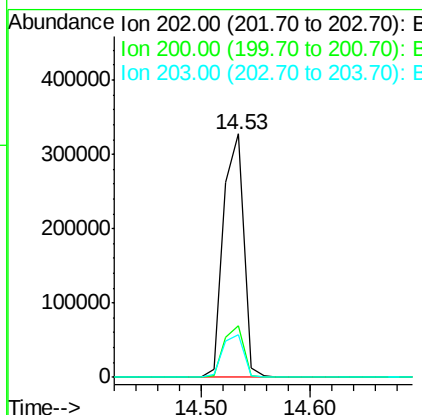
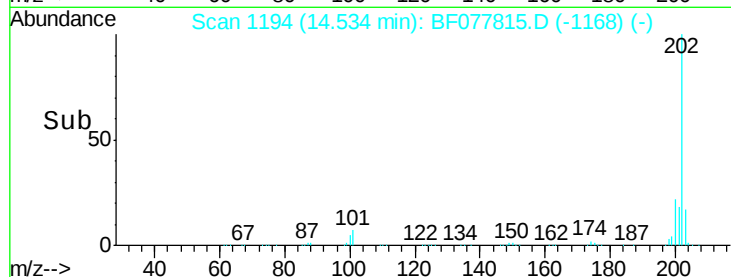
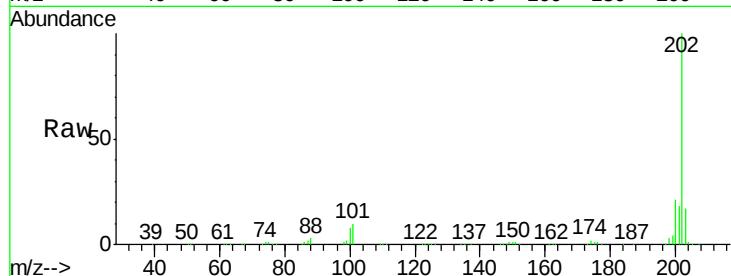
#77
Pvrene
Concen: 40.54 ng
RT: 14.53 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion:	202	Resp:	423300
Ion Ratio		Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	14.1	21.1

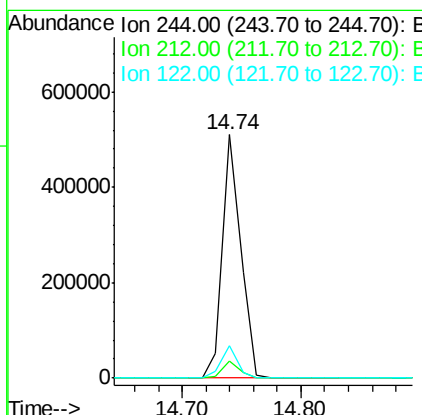
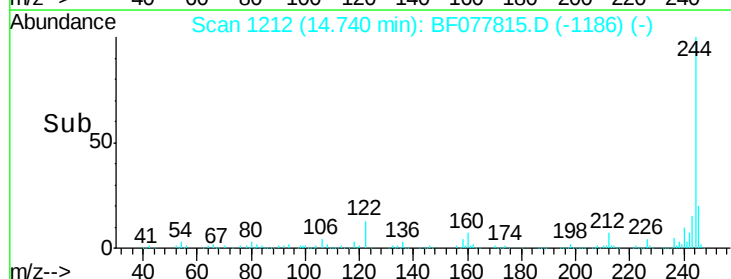
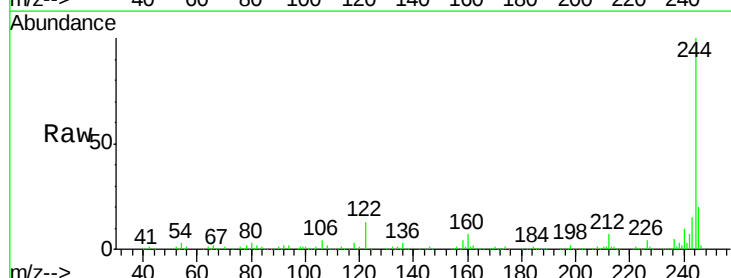
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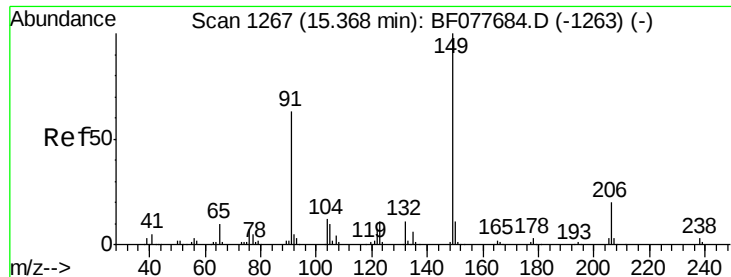
mohammad
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#78
Terphenyl-d14
Concen: 79.85 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion:	244	Resp:	542809
Ion Ratio		Lower	Upper
244	100		
212	7.0	4.9	7.3
122	13.4	6.2	9.4





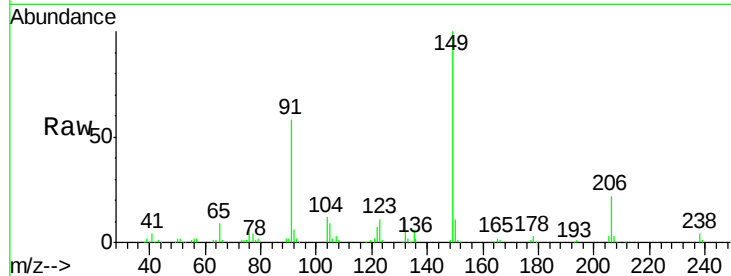
#79
Butylbenzylphthalate
Concen: 39.54 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

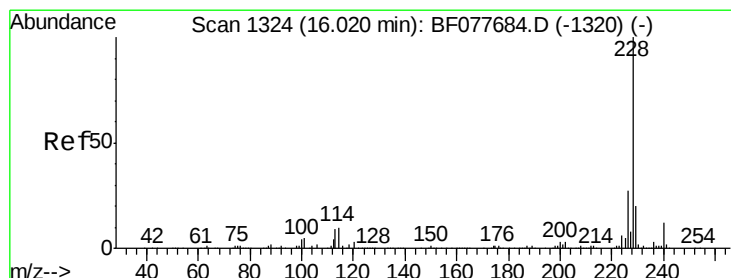
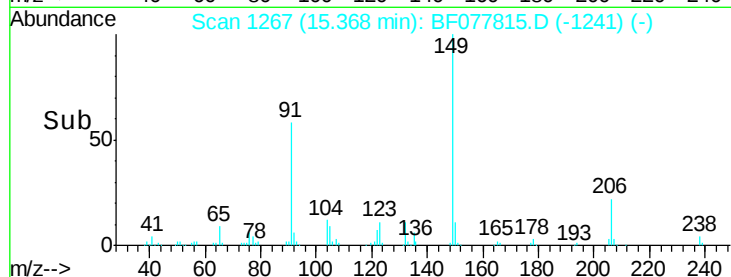
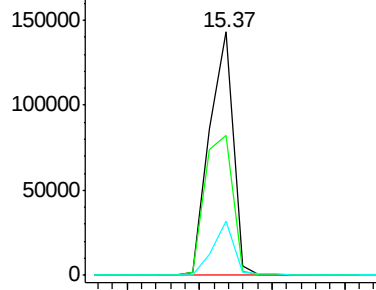
Tot Ion	Ratio	Resp	Lower	Upper
149	100	162804		
91	57.6	50.1	75.1	
206	22.2	16.2	24.2	

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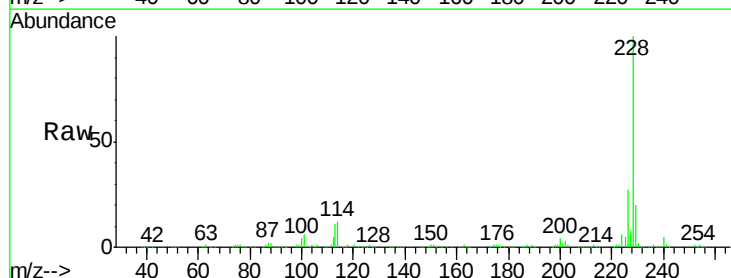


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

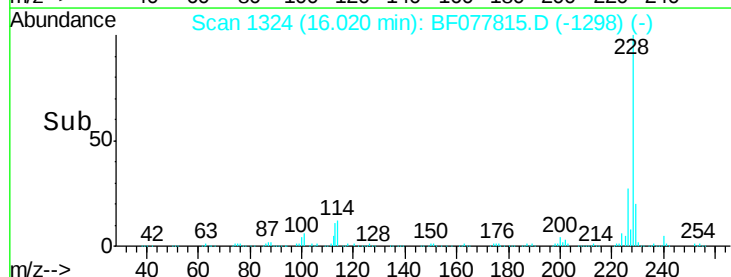
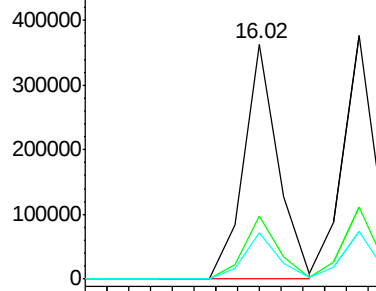


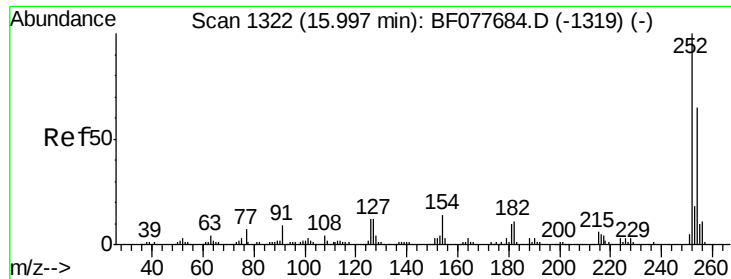
#80
Benzo(a)anthracene
Concen: 40.86 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	402224		
226	27.1	21.7	32.5	
229	19.7	16.0	24.0	



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





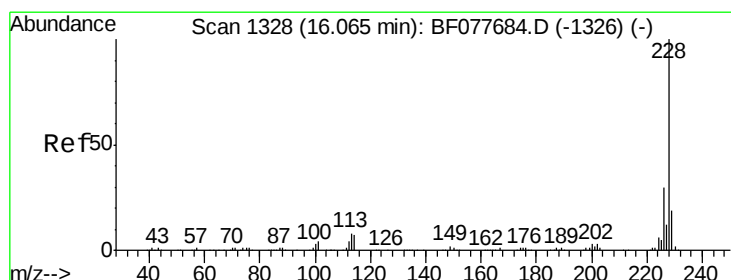
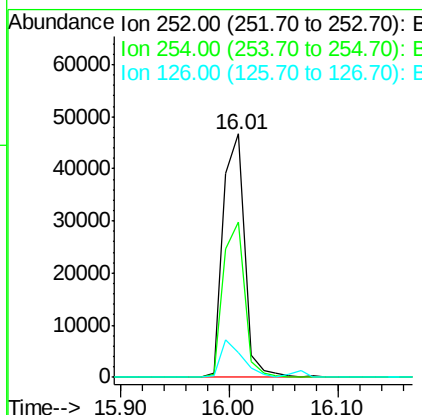
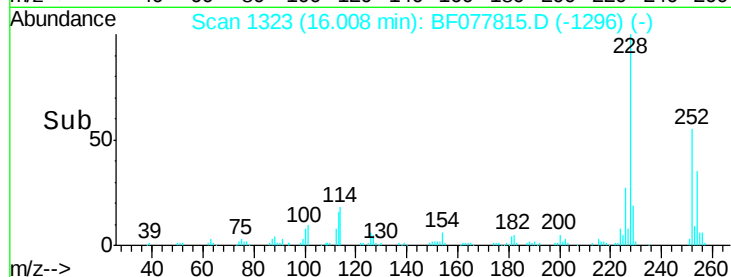
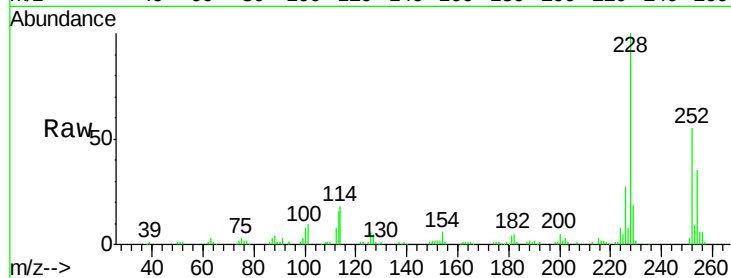
#81
 3,3'-Dichlorobenzidine
 Concen: 19.84 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	64421		
254	63.6	51.9	77.9	
126	10.4	9.8	14.8	

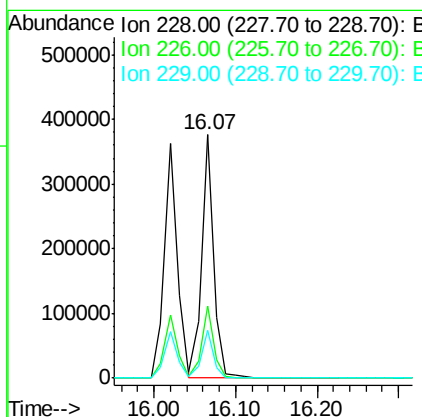
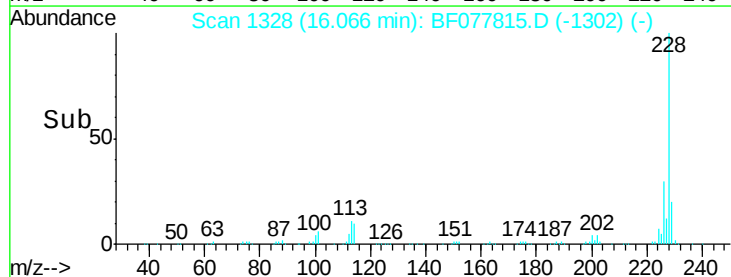
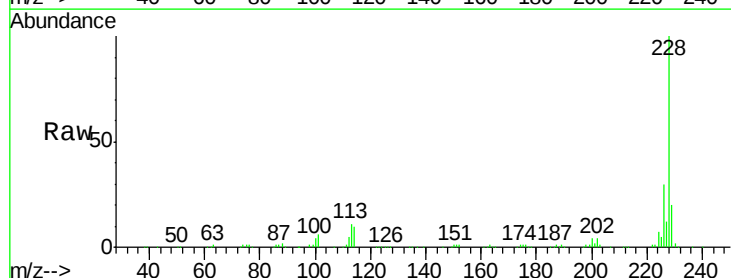
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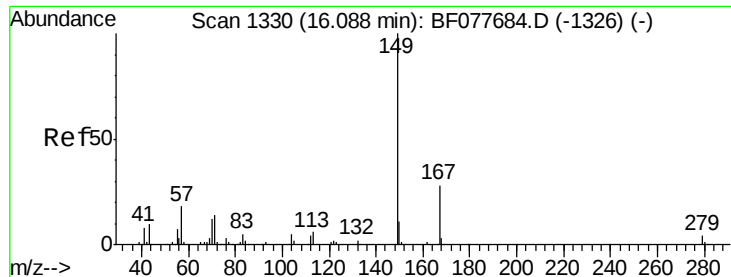
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#82
 Chrysene
 Concen: 44.59 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	394692		
226	29.8	24.1	36.1	
229	19.8	15.5	23.3	





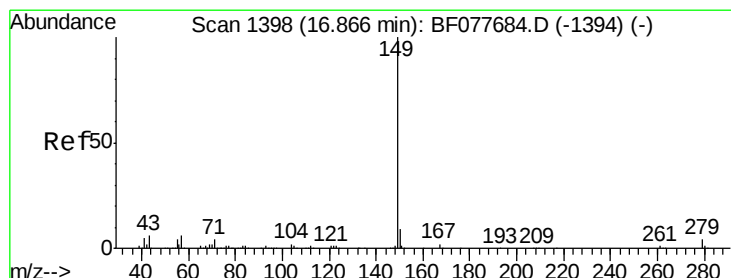
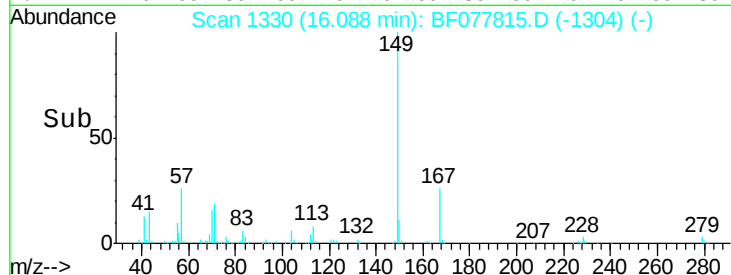
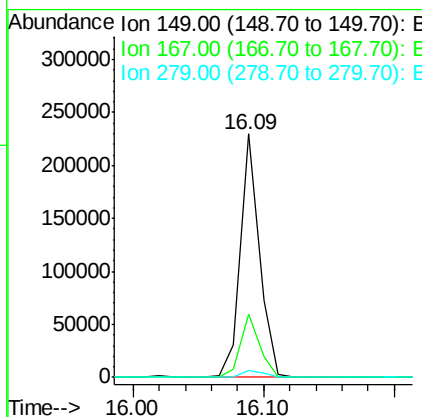
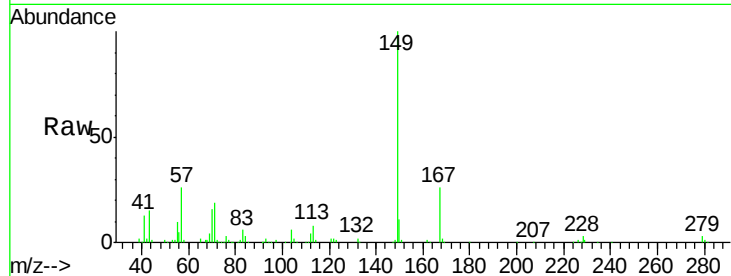
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.23 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.4	33.6
279	2.6	3.4	5.0

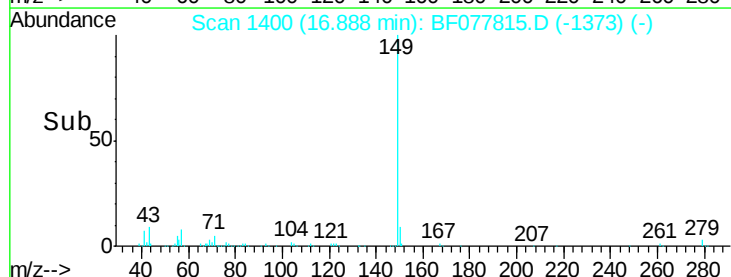
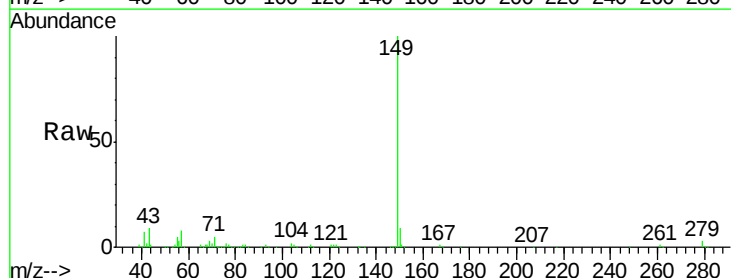
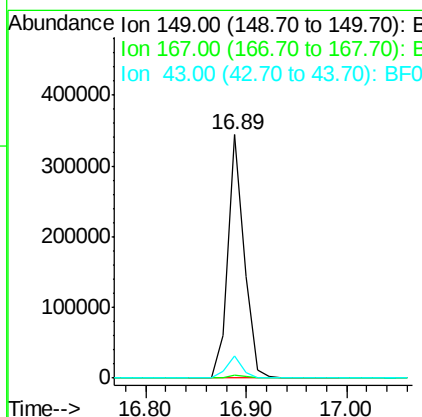
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#84
 Di-n-octyl phthalate
 Concen: 36.43 ng
 RT: 16.89 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.1	7.3	10.9





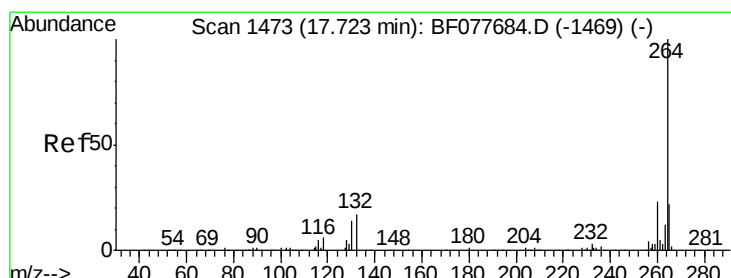
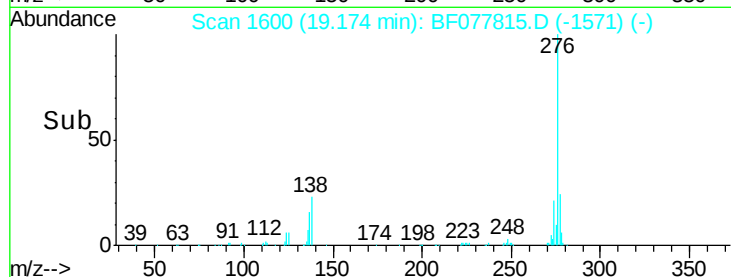
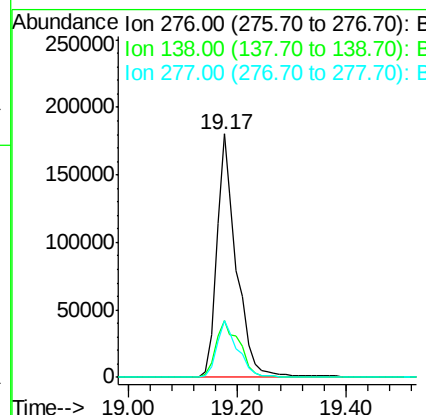
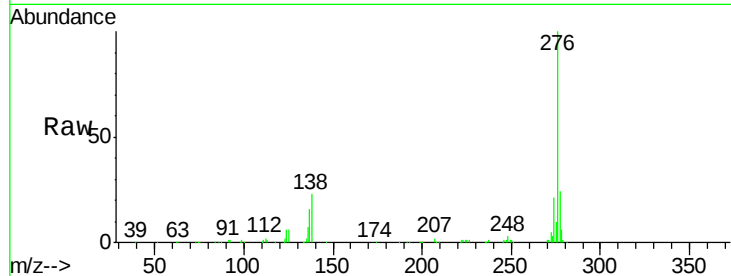
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.20 ng
 RT: 19.17 min Scan# 1600
 Delta R.T. 0.03 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	28.4	0.0	0.0#
277	24.8	0.0	0.0#

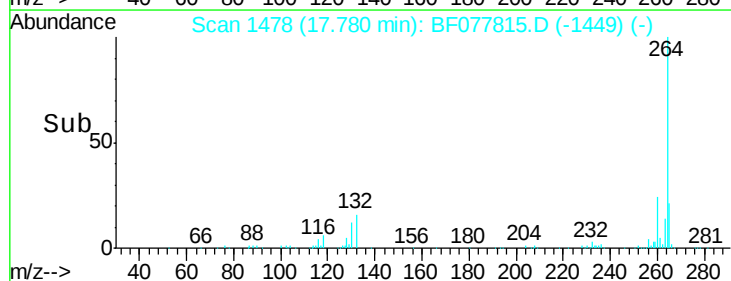
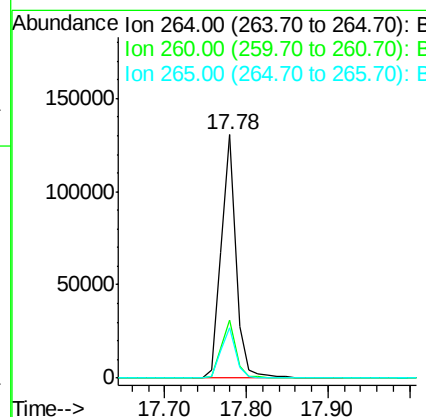
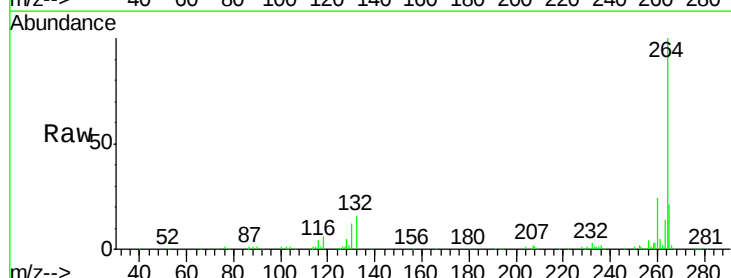
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.78 min Scan# 1478
 Delta R.T. 0.03 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	18.6	27.8
265	20.9	17.3	25.9





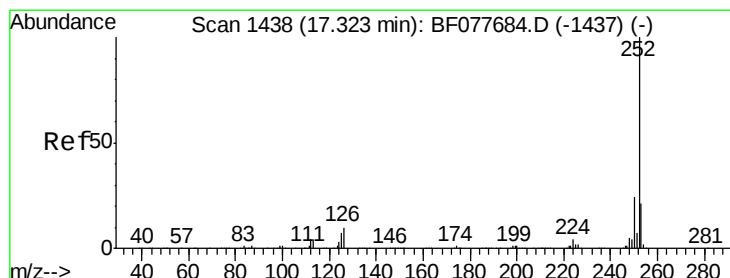
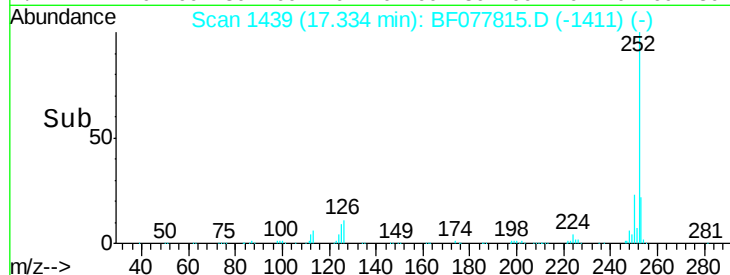
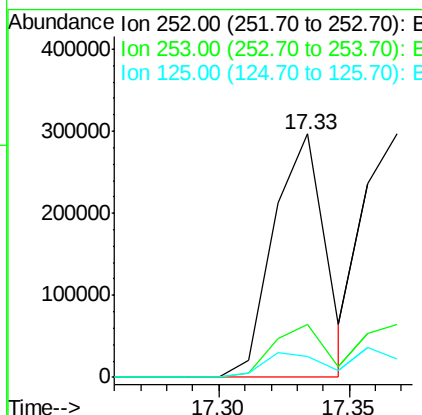
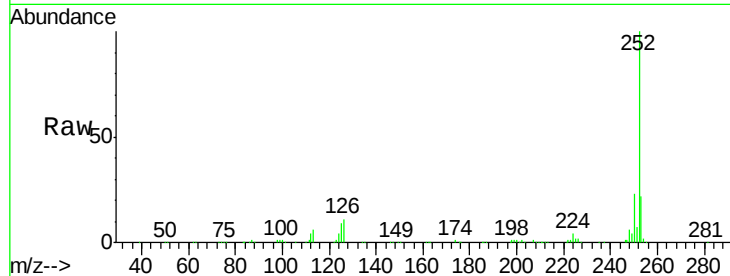
#87
Benzo(b)fluoranthene
Concen: 37.84 ng
RT: 17.33 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	8.8	9.9	14.9#

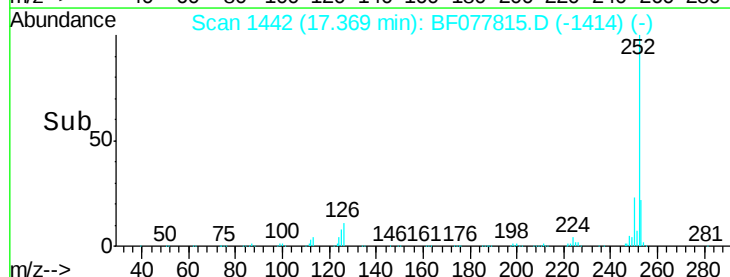
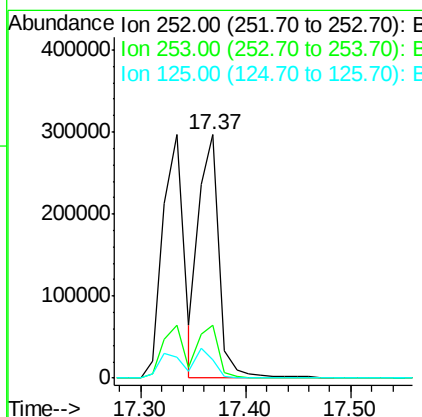
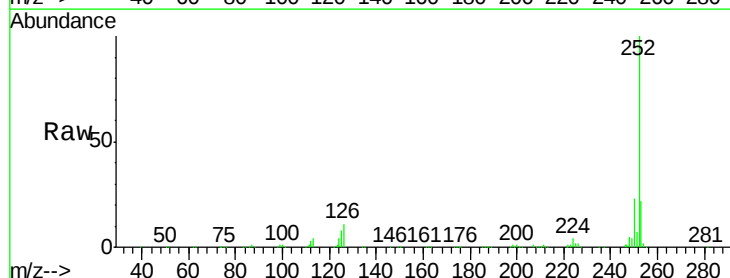
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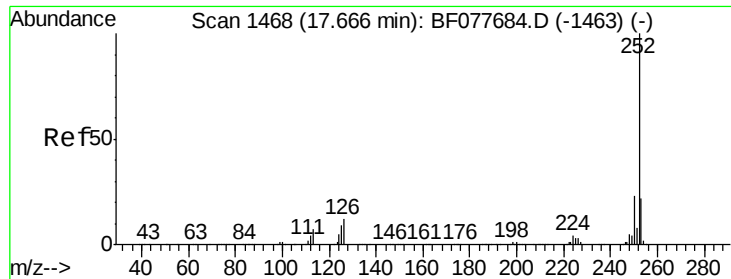
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#88
Benzo(k)fluoranthene
Concen: 48.41 ng m
RT: 17.37 min Scan# 1442
Delta R.T. 0.02 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	7.6	8.1	12.1#





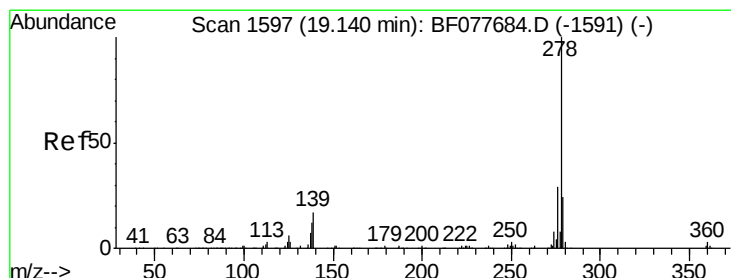
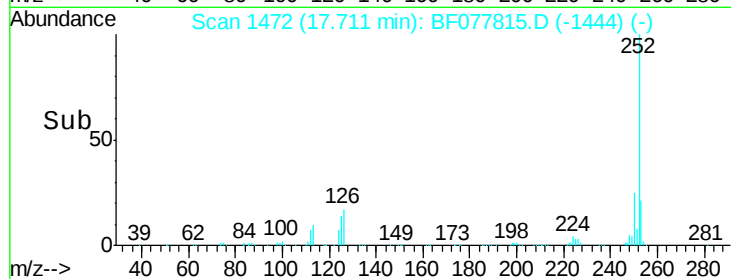
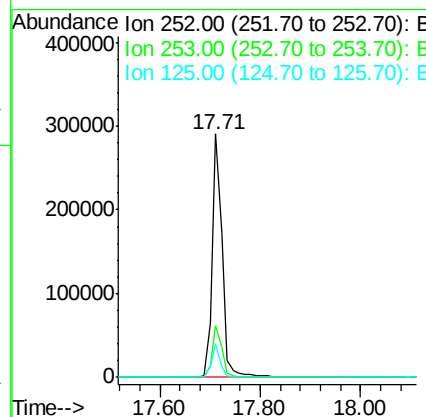
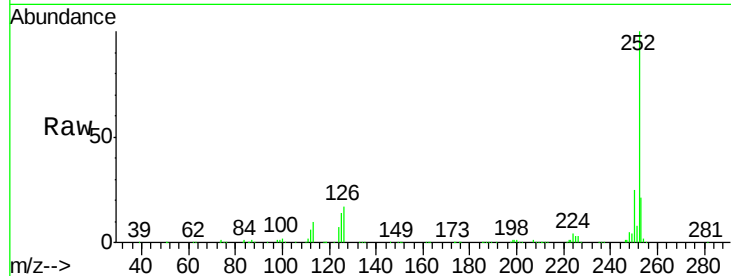
#89
Benzo(a)pyrene
Concen: 44.29 ng
RT: 17.71 min Scan# 1472
Delta R.T. 0.02 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	13.7	7.4	11.2

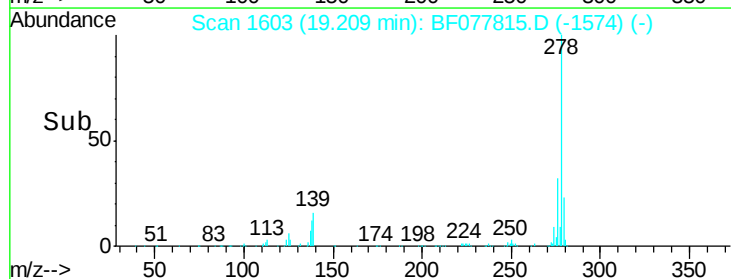
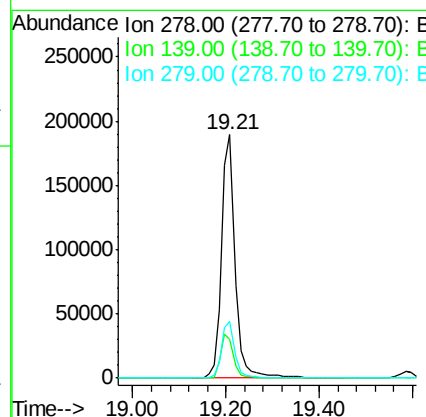
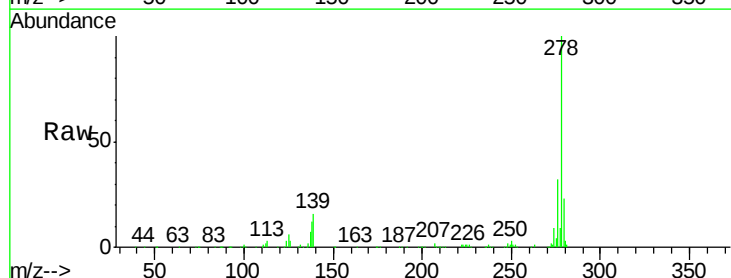
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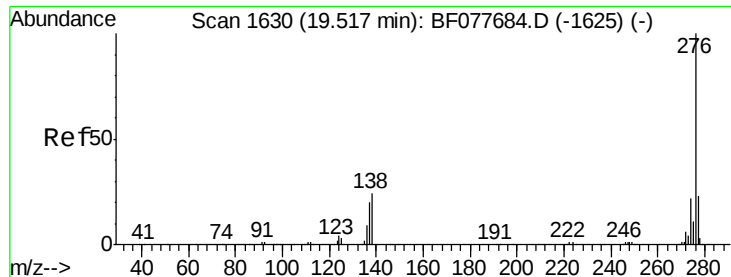
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#90
Dibenzo(a,h)anthracene
Concen: 42.72 ng
RT: 19.21 min Scan# 1603
Delta R.T. 0.03 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.4	20.0
279	23.4	19.0	28.4





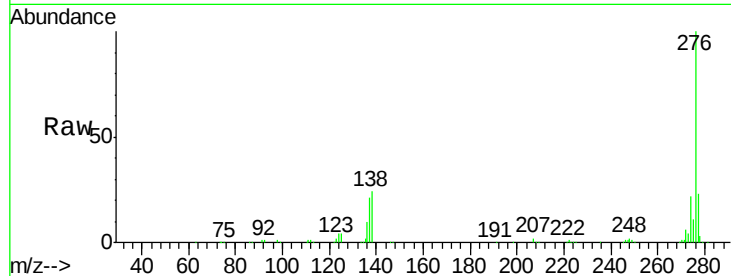
#91
 Benzo(a,h,i)perylene
 Concen: 42.97 ng
 RT: 19.59 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.4	18.5	27.7
138	24.2	19.0	28.6

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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

