

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020415\
 Data File : BF077180.D
 Acq On : 4 Feb 2015 16:16
 Operator : TP/IZ
 Sample : PB81600BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BSD

Manual Integrations
 APPROVED

apatel
 2/5/2015 12:05:31 PM

Quant Time: Feb 05 00:47:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 05 00:32:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	24428	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	97983	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	47793	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	88055	20.00	ng	0.00
75) Chrysene-d12	21.07	240	90072	20.00	ng	0.00
86) Perylene-d12	22.74	264	80055	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.69	112	142899	96.18	ng	0.00
7) Phenol-d6	7.08	99	180784	96.46	ng	0.00
23) Nitrobenzene-d5	8.99	82	164258	92.87	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	41543	107.08	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	338857	107.90	ng	0.00
78) Terphenyl-d14	19.81	244	374564	95.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.12	88	21820	34.30	ng	96
3) Pyridine	1.56	79	55531	33.73	ng	90
4) n-Nitrosodimethylamine	1.53	42	29274	35.90	ng	# 87
6) Aniline	6.98	93	37857	14.60	ng	98
8) 2-Chlorophenol	7.21	128	64855	37.86	ng	97
9) Benzaldehyde	6.74	77	5180	3.67	ng	92
10) Phenol	7.12	94	70178	35.26	ng	90
11) bis(2-Chloroethyl)ether	7.23	93	60111	38.60	ng	# 75
12) 1,3-Dichlorobenzene	7.53	146	69957	35.90	ng	95
13) 1,4-Dichlorobenzene	7.72	146	71904	34.80	ng	100
14) 1,2-Dichlorobenzene	8.03	146	69237	36.36	ng	95
15) Benzyl Alcohol	8.13	79	53717	35.42	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	78797	37.64	ng	97
17) 2-Methylphenol	8.48	107	50235	35.89	ng	95
18) Hexachloroethane	8.77	117	26654	37.08	ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	46283	35.28	ng	95
20) 3+4-Methylphenols	8.88	107	56557	30.52	ng	96
22) Acetophenone	8.68	105	93824	39.09	ng	96
24) Nitrobenzene	9.04	77	67922	37.70	ng	98
25) Isophorone	9.63	82	121455	37.71	ng	96
26) 2-Nitrophenol	9.78	139	31090	34.22	ng	# 89
27) 2,4-Dimethylphenol	10.05	122	54923	39.42	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	74638	40.77	ng	98
29) 2,4-Dichlorophenol	10.38	162	44526	34.29	ng	96
30) 1,2,4-Trichlorobenzene	10.50	180	57262	39.70	ng	97
31) Naphthalene	10.64	128	189914	37.65	ng	99
32) Benzoic acid	10.44	122	11281m	14.61	ng	
33) 4-Chloroaniline	10.91	127	33489	16.43	ng	95
34) Hexachlorobutadiene	11.00	225	31612	36.94	ng	94
35) Caprolactam	11.73	113	13763	36.00	ng	94
36) 4-Chloro-3-methylphenol	12.20	107	54186	36.44	ng	97
37) 2-Methylnaphthalene	12.29	142	132558	38.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	49835	42.18	ng	98
40) Hexachlorocyclopentadiene	12.68	237	51335	80.66	ng	95

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Manual Integrations
 APPROVED

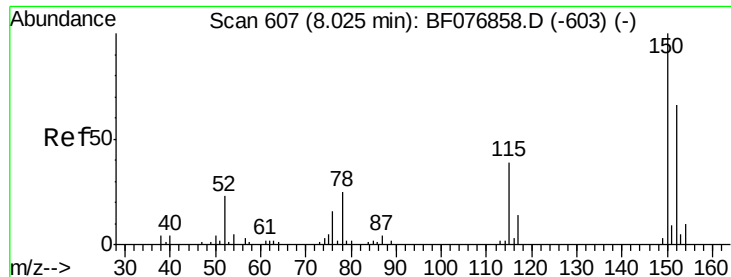
apatel
 2/5/2015 12:05:31 PM

Quant Time: Feb 05 00:47:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.05	196	32483	37.73	nq	97
43) 2,4,5-Trichlorophenol	13.15	196	29093	33.13	nq	# 93
45) 1,1'-Biphenyl	13.45	154	158598	44.76	nq	99
46) 2-Chloronaphthalene	13.43	162	125237	42.95	nq	96
47) 2-Nitroaniline	13.77	65	36926	41.75	nq	95
48) Acenaphthylene	14.36	152	207121	42.12	nq	99
49) Dimethylphthalate	14.33	163	149481	44.10	nq	98
50) 2,6-Dinitrotoluene	14.42	165	33005	48.74	nq	97
51) Acenaphthene	14.79	154	116572	41.78	nq	97
52) 3-Nitroaniline	14.77	138	20994	24.66	nq	# 88
53) 2,4-Dinitrophenol	15.06	184	13261	47.35	nq	91
54) Dibenzofuran	15.21	168	178417	43.89	nq	96
55) 4-Nitrophenol	15.38	139	30784m	57.94	nq	
56) 2,4-Dinitrotoluene	15.36	165	43247	42.84	nq	96
57) Fluorene	15.97	166	146990	42.68	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.57	232	20995	32.84	nq	# 92
59) Diethylphthalate	15.97	149	157190	45.89	nq	98
60) 4-Chlorophenyl-phenylether	16.07	204	61098	43.36	nq	95
61) 4-Nitroaniline	16.13	138	29192	34.61	nq	98
62) Azobenzene	16.36	77	163044	45.68	nq	98
64) 4,6-Dinitro-2-methylphenol	16.21	198	16552	30.54	nq	92
65) n-Nitrosodiphenylamine	16.32	169	123758	39.42	nq	98
66) 4-Bromophenyl-phenylether	16.93	248	35689	40.01	nq	97
67) Hexachlorobenzene	16.95	284	37606	40.00	nq	91
68) Atrazine	17.32	200	40380	42.38	nq	98
69) Pentachlorophenol	17.32	266	19420	48.06	nq	97
70) Phenanthrene	17.60	178	211652	38.54	nq	98
71) Anthracene	17.68	178	208166	38.87	nq	99
72) Carbazole	17.97	167	204059	39.29	nq	98
73) Di-n-butylphthalate	18.57	149	249836	41.56	nq	98
74) Fluoranthene	19.25	202	229512	40.79	nq	98
76) Benzidine	19.51	184	83647	29.02	nq	97
77) Pyrene	19.54	202	237374	38.45	nq	99
79) Butylbenzylphthalate	20.48	149	113020	40.43	nq	98
80) Benzo(a)anthracene	21.06	228	207206	36.67	nq	98
81) 3,3'-Dichlorobenzidine	21.08	252	43323	24.12	nq	96
82) Chrysene	21.11	228	204156	39.61	nq	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	163662	42.31	nq	97
84) Di-n-octyl phthalate	21.99	149	275850	41.09	nq	99
85) Indeno(1,2,3-cd)pyrene	23.87	276	214653	39.30	nq	# 84
87) Benzo(b)fluoranthene	22.32	252	188844m	35.02	nq	
88) Benzo(k)fluoranthene	22.35	252	209766m	44.53	nq	
89) Benzo(a)pyrene	22.68	252	190933	40.15	nq	98
90) Dibenzo(a,h)anthracene	23.89	278	180059	41.26	nq	98
91) Benzo(g,h,i)perylene	24.13	276	177172	40.84	nq	# 92

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



#1

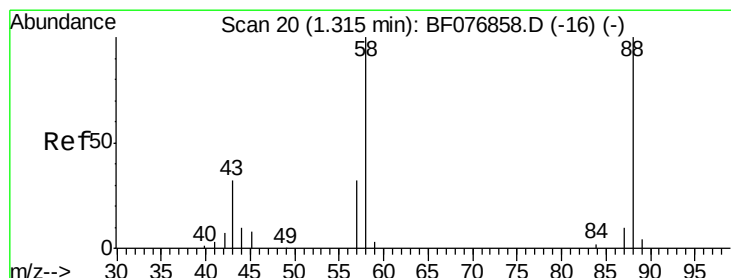
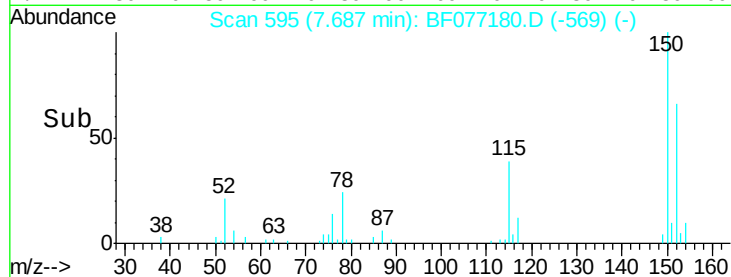
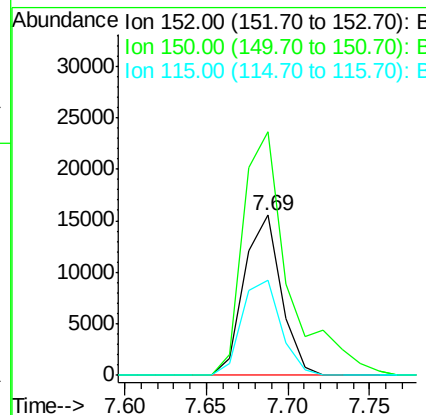
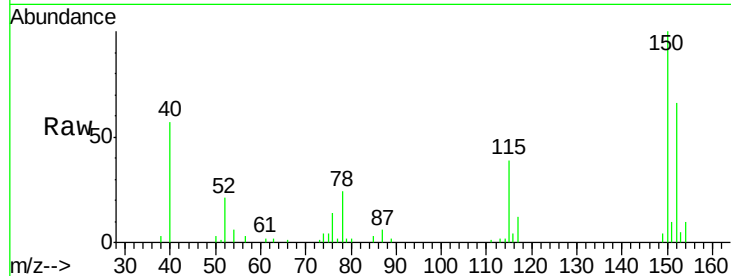
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
PB81600BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	121.7	182.5
115	59.5	47.0	70.6

Manual Integrations
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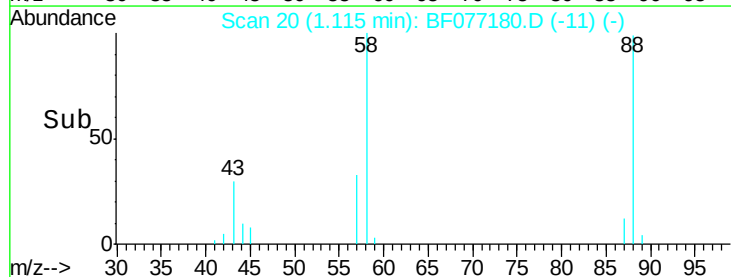
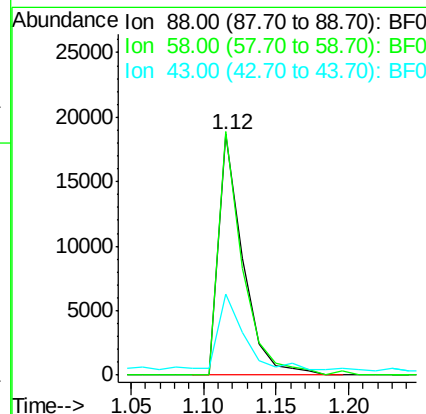
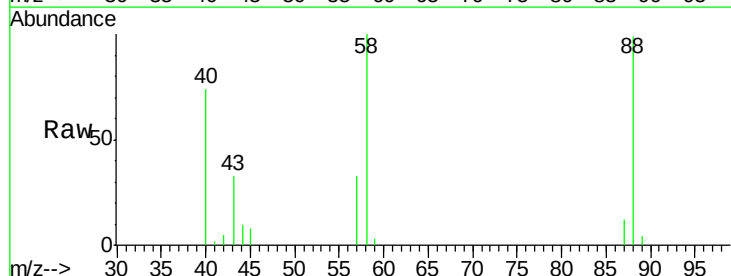
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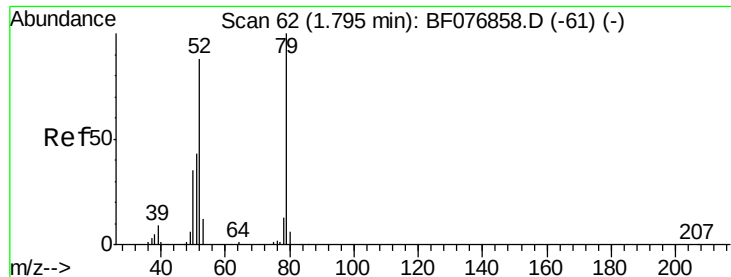


#2

1,4-Dioxane
Concen: 34.30 ng
RT: 1.12 min Scan# 20
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.2	77.0	115.4
43	34.0	25.6	38.4





#3

Pvridine

Concen: 33.73 ng

RT: 1.56 min Scan# 59

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

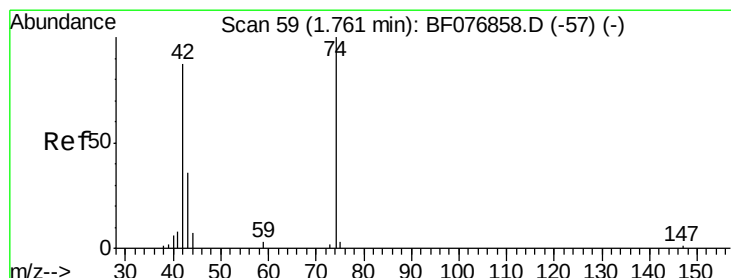
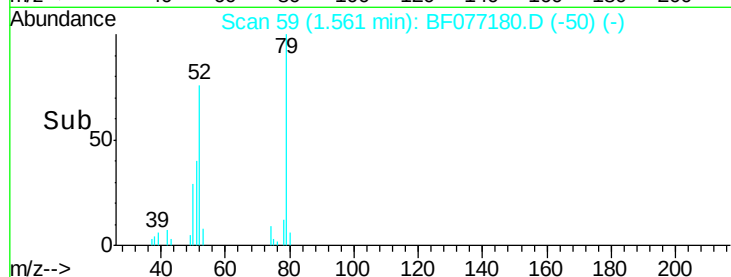
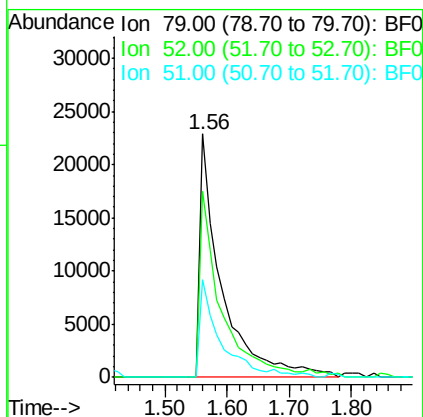
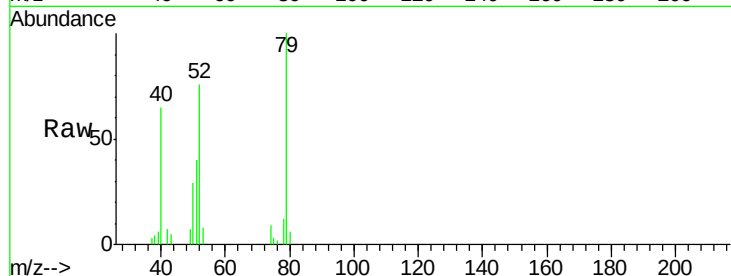
ClientSampleId :

PB81600BSD

Tot Ion:	79	Resp:	55531
Ion Ratio	Lower	Upper	
79	100		
52	76.1	70.1	105.1
51	39.9	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 35.90 ng

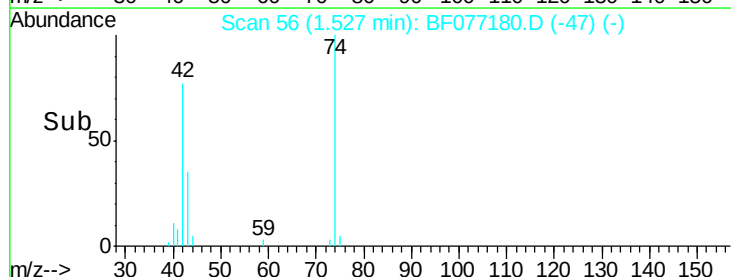
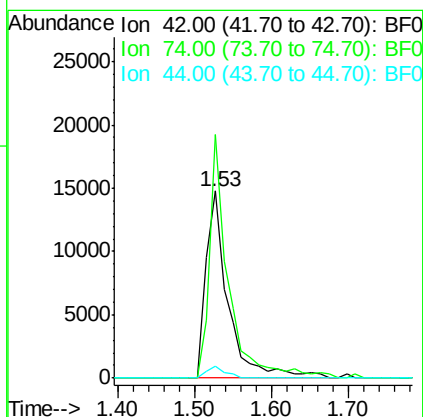
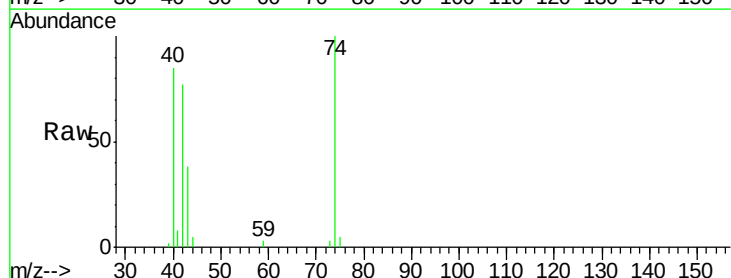
RT: 1.53 min Scan# 56

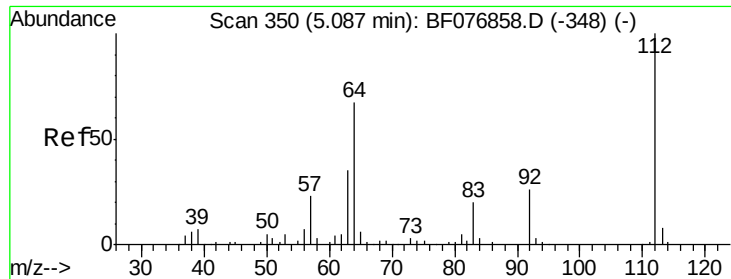
Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Tgt Ion:	42	Resp:	29274
Ion Ratio	Lower	Upper	
42	100		
74	130.3	92.4	138.6
44	6.1	6.2	9.2#





#5

2-Fluorophenol

Concen: 96.18 ng

RT: 4.69 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

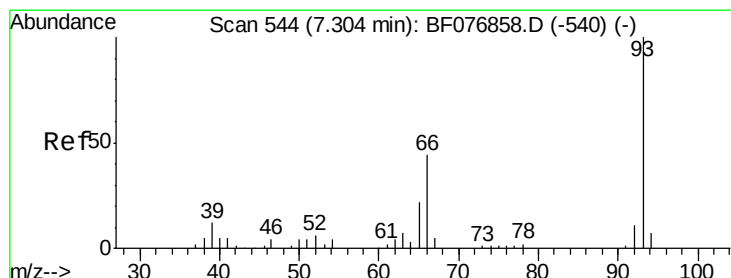
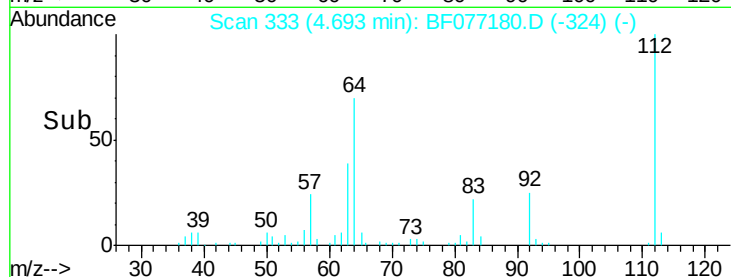
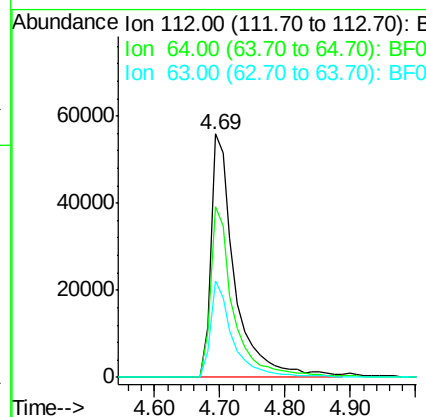
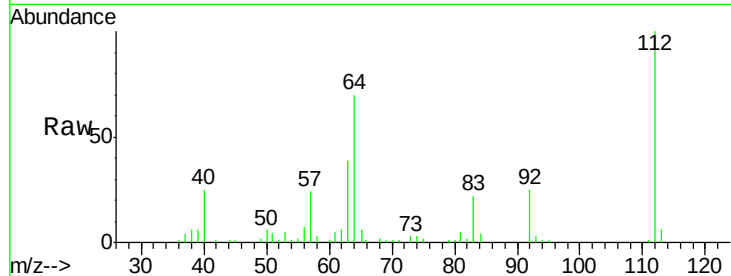
ClientSampleId :

PB81600BSD

Tot Ion:	112	Resp:	142899
Ion Ratio	Lower	Upper	
112	100		
64	69.9	54.2	81.4
63	39.4	28.4	42.6

Manual Integrations
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#6

Aniline

Concen: 14.60 ng

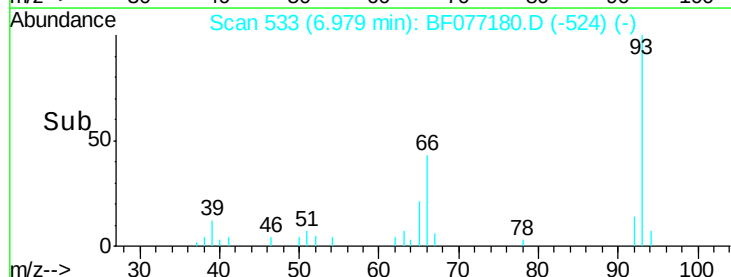
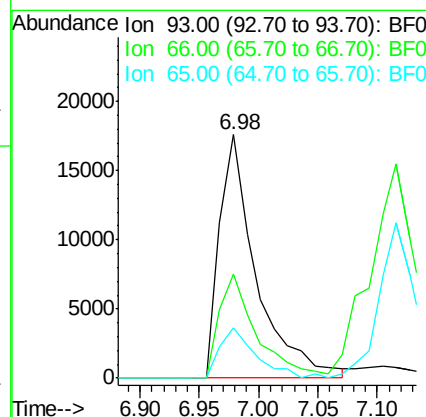
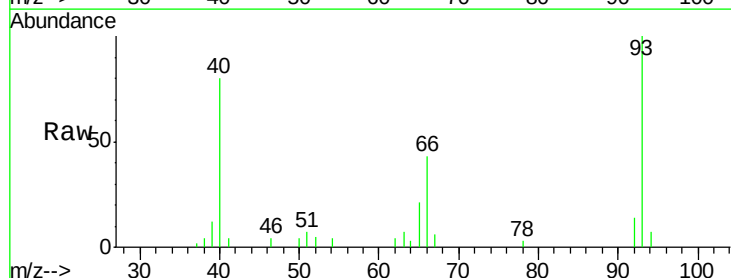
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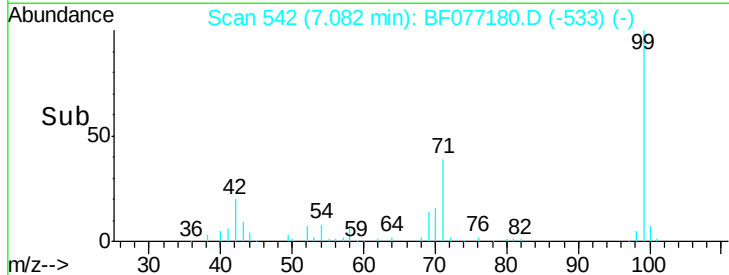
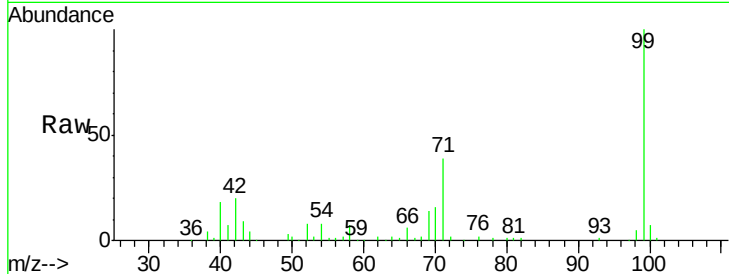
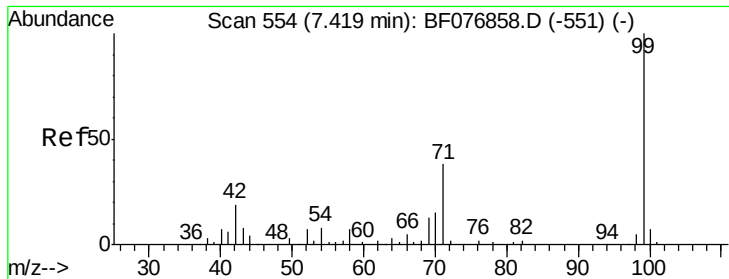
Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Tgt Ion:	93	Resp:	37857
Ion Ratio	Lower	Upper	
93	100		
66	42.6	35.0	52.4
65	20.6	17.7	26.5





#7

Phenol-d6

Concen: 96.46 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Tot Ion:	99	Resp:	180784
Ion Ratio	Lower	Upper	
99	100		
42	19.9	15.0	22.4
71	38.6	30.5	45.7

Instrument :

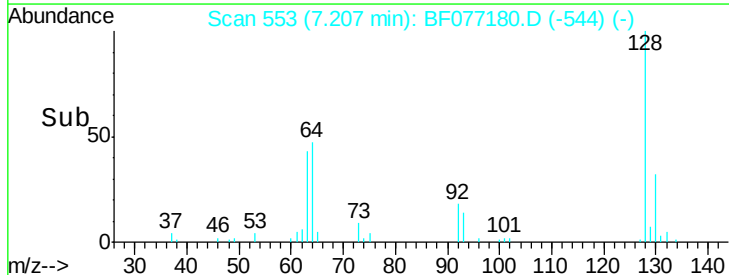
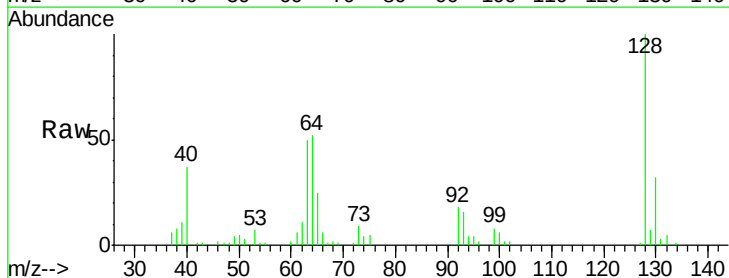
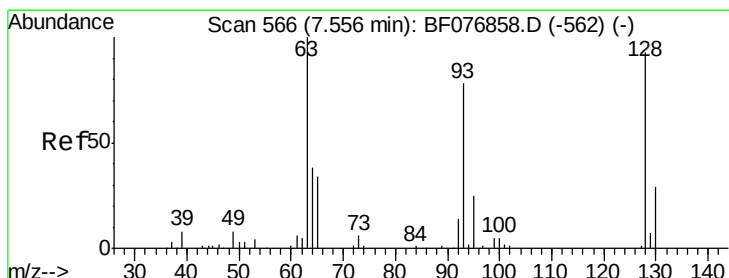
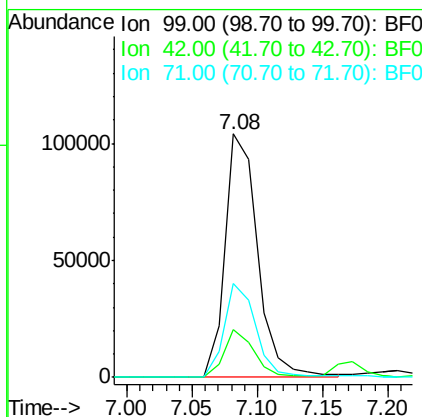
BNA_F

ClientSampleId :

PB81600BSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.86 ng

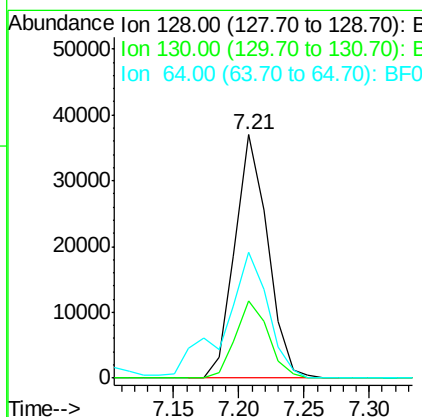
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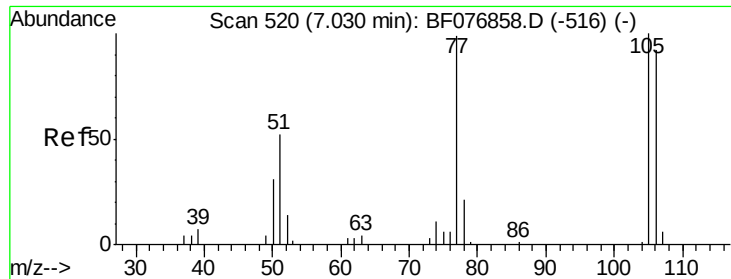
Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Tgt Ion:	128	Resp:	64855
Ion Ratio	Lower	Upper	
128	100		
130	31.9	11.0	51.0
64	51.9	29.3	69.3





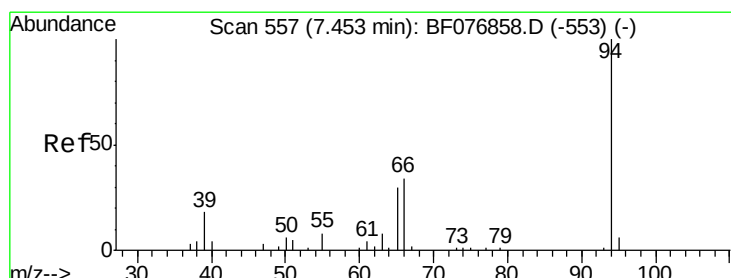
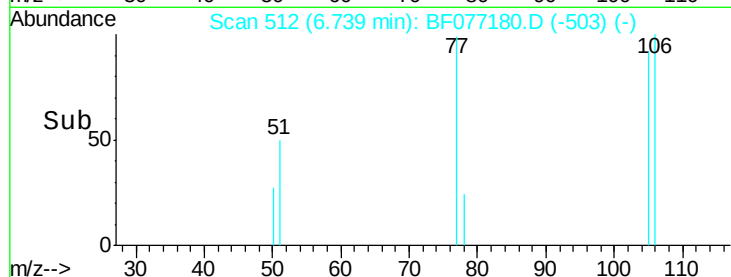
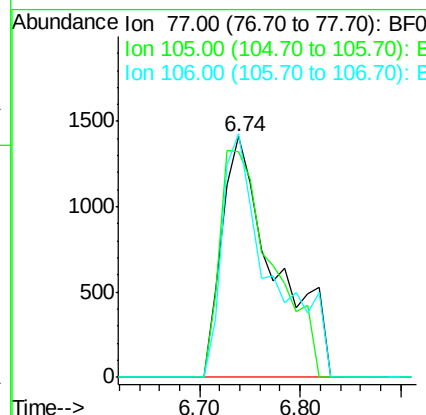
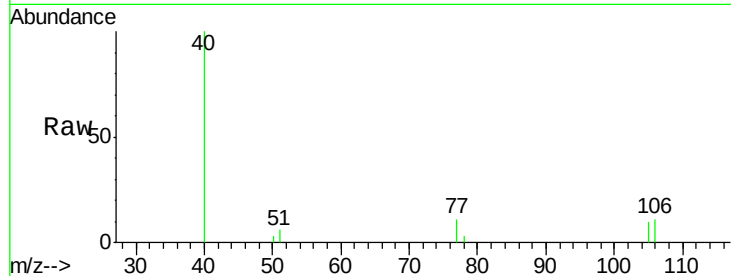
#9
Benzaldehyde
Concen: 3.67 ng
RT: 6.74 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleID :
PB81600BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.5	81.4	121.4
106	101.1	72.8	112.8

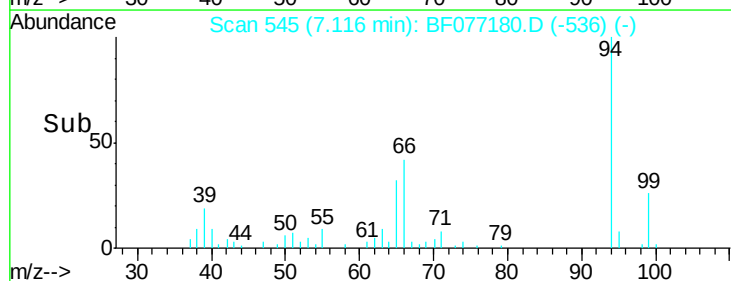
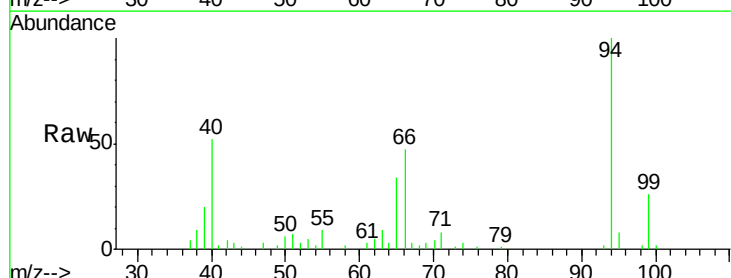
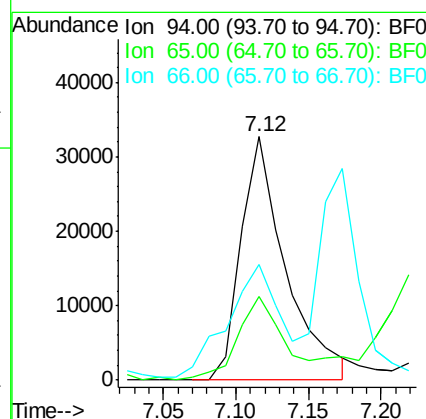
Manual Integrations
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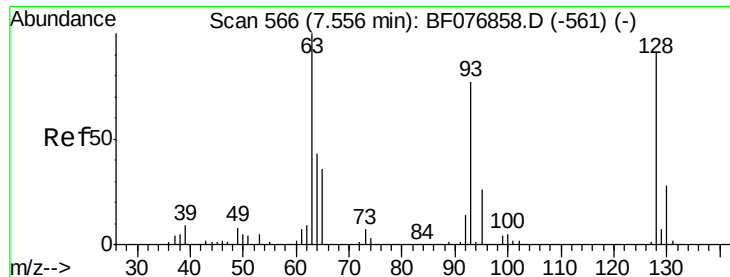
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#10
Phenol
Concen: 35.26 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.3	11.3	51.3
66	47.4	19.5	59.5





#11

bis(2-Chloroethyl)ether

Concen: 38.60 ng

RT: 7.23 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

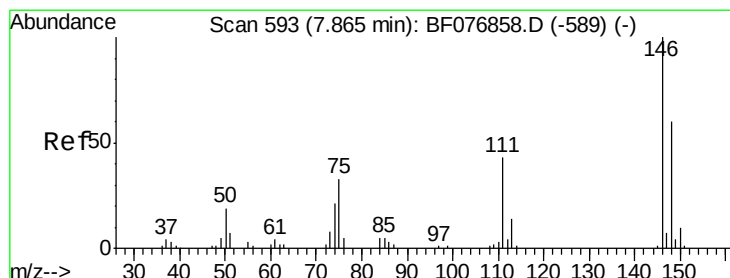
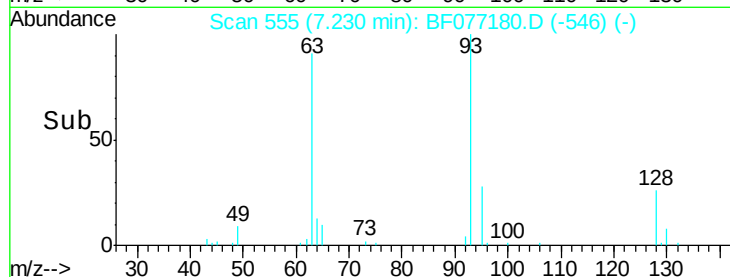
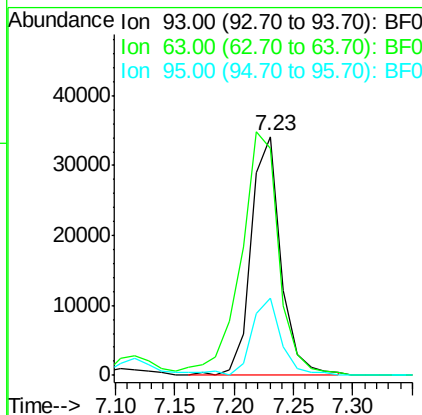
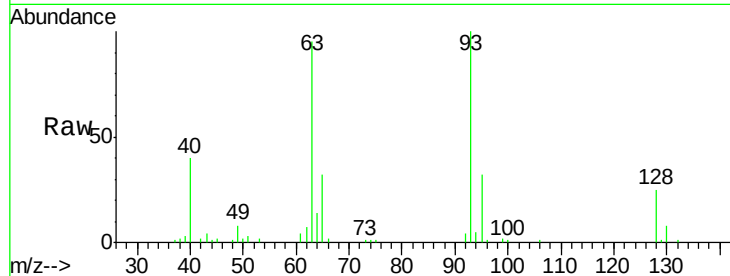
ClientSampleId :

PB81600BSD

Tot Ion:	93	Resp:	60111
Ion Ratio	Lower	Upper	
93	100		
63	95.1	111.3	151.3#
95	32.2	13.8	53.8

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#12

1,3-Dichlorobenzene

Concen: 35.90 ng

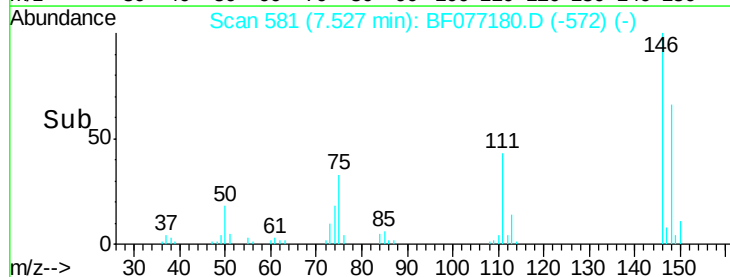
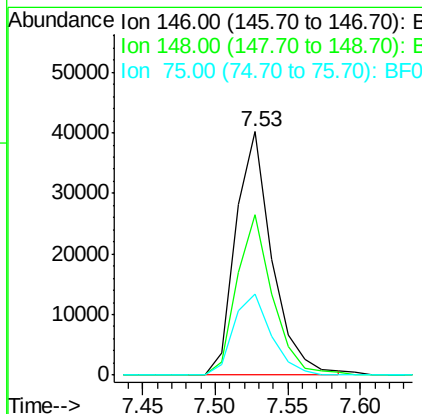
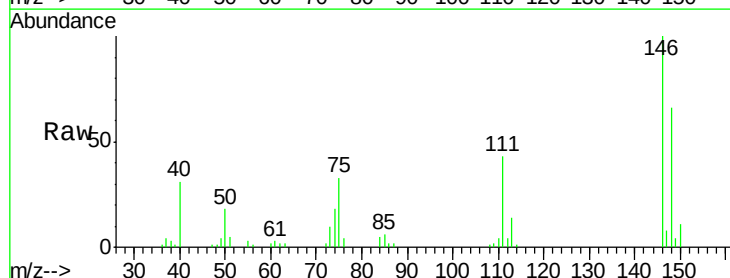
RT: 7.53 min Scan# 581

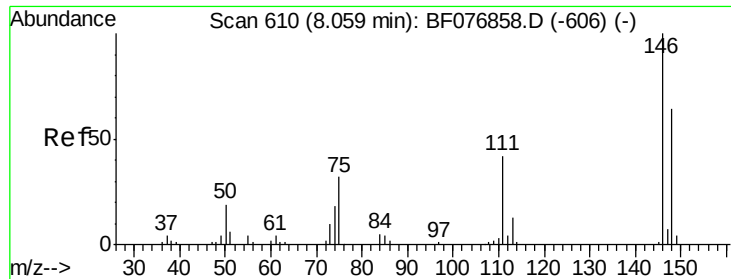
Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Tgt Ion:	146	Resp:	69957
Ion Ratio	Lower	Upper	
146	100		
148	66.1	48.1	72.1
75	33.2	26.8	40.2





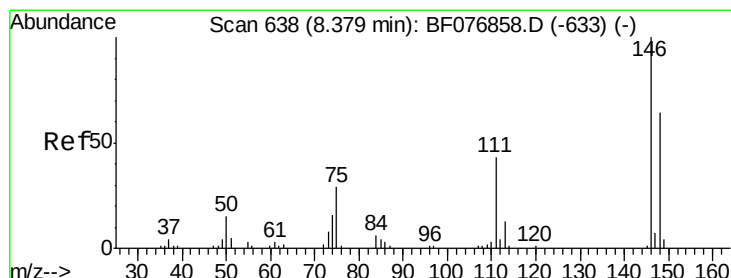
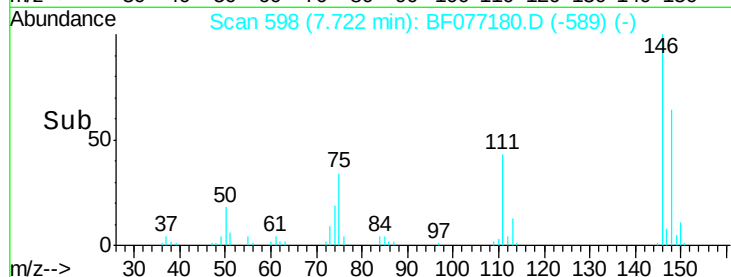
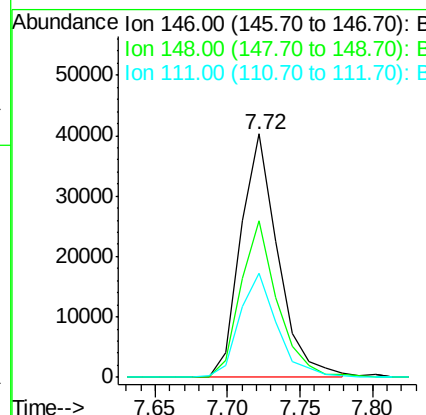
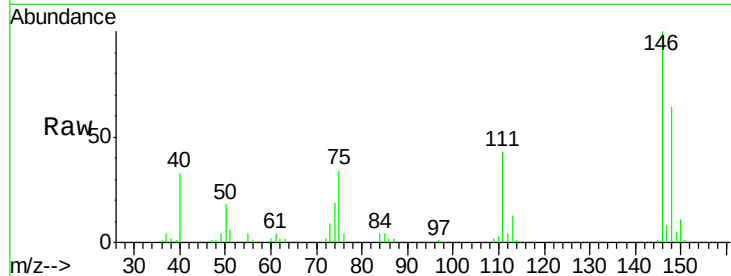
#13
 1,4-Dichlorobenzene
 Concen: 34.80 ng
 RT: 7.72 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Instrument :
 BNA_F
 ClientSampled :
 PB81600BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.5	77.3
111	42.6	33.9	50.9

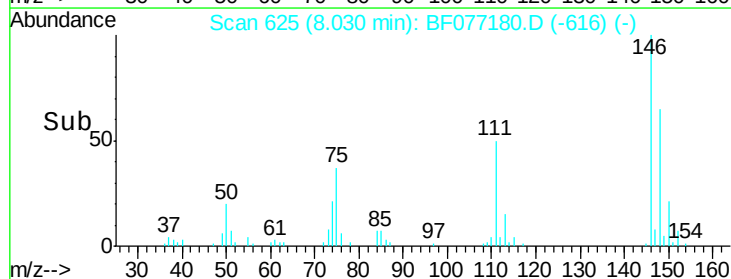
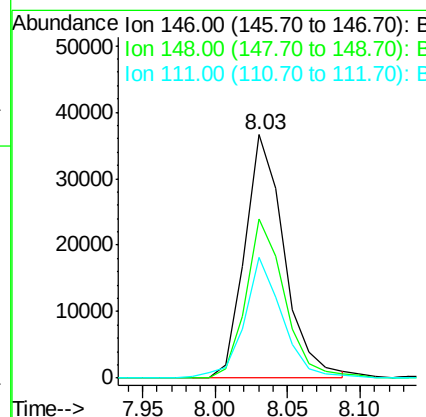
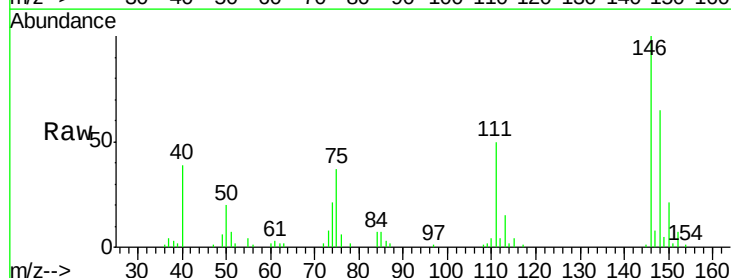
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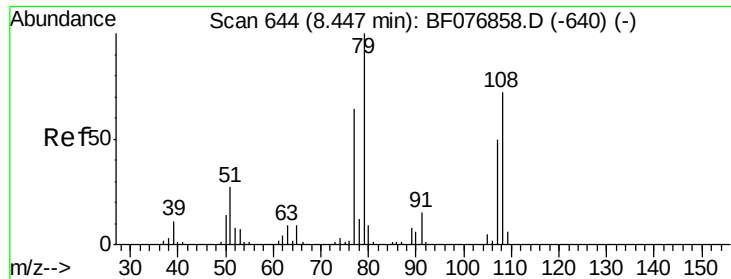
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#14
 1,2-Dichlorobenzene
 Concen: 36.36 ng
 RT: 8.03 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.3	76.9
111	49.7	34.5	51.7





#15

Benzyl Alcohol

Concen: 35.42 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

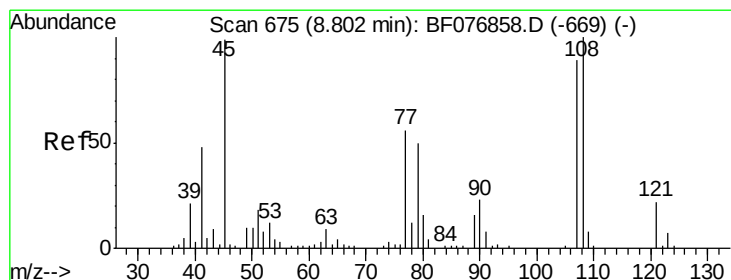
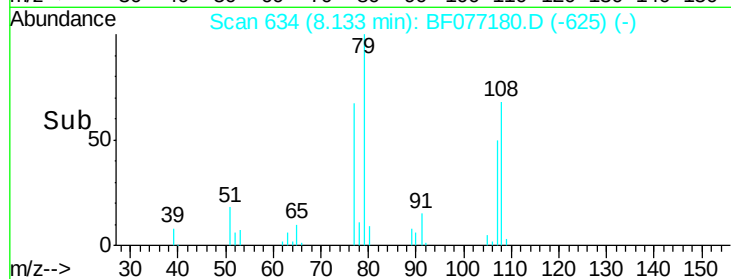
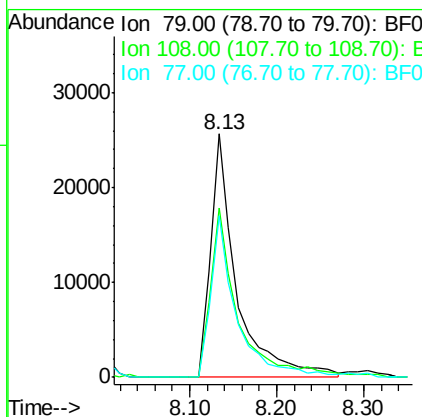
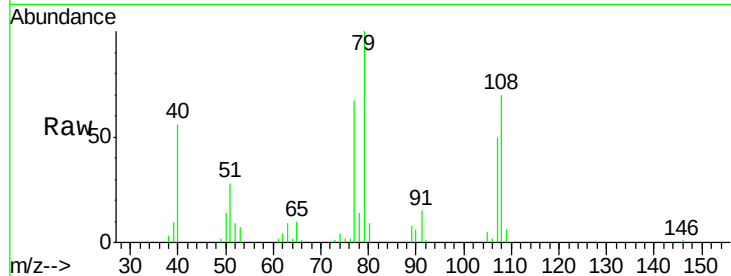
ClientSampleId :

PB81600BSD

Tot Ion:	79	Resp:	53717
Ion Ratio	Lower	Upper	
79	100		
108	69.7	57.2	85.8
77	66.6	51.2	76.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.64 ng

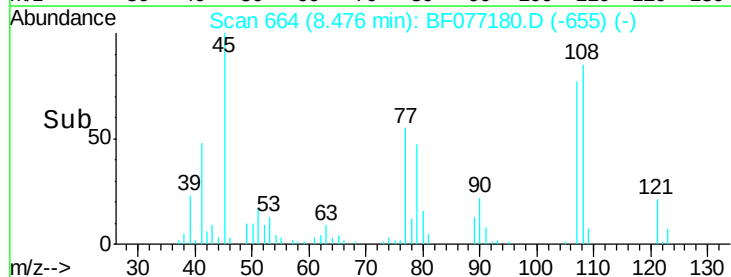
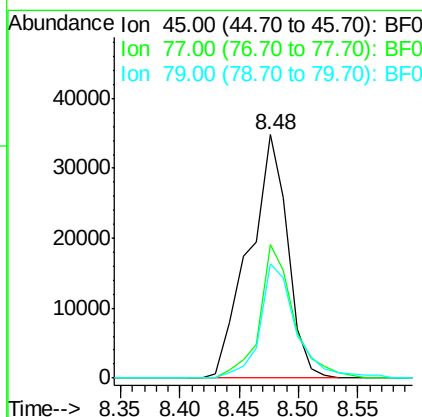
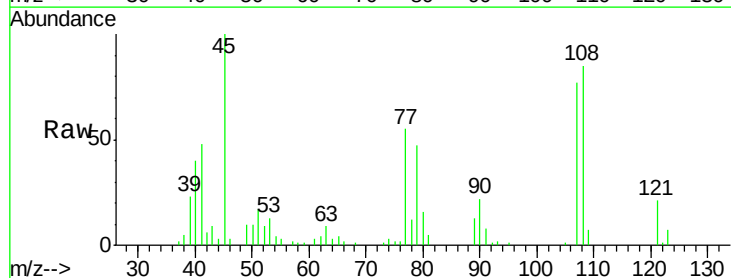
RT: 8.48 min Scan# 664

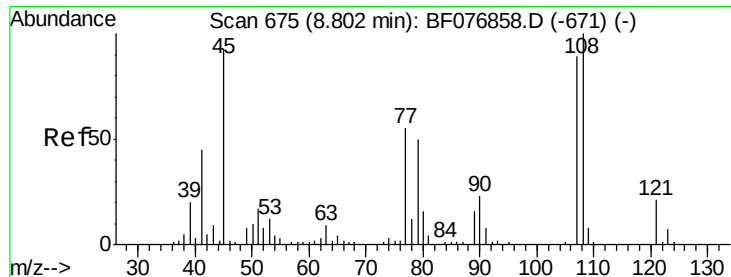
Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Tgt Ion:	45	Resp:	78797
Ion Ratio	Lower	Upper	
45	100		
77	55.1	36.1	76.1
79	46.7	30.5	70.5





#17

2-Methylphenol

Concen: 35.89 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

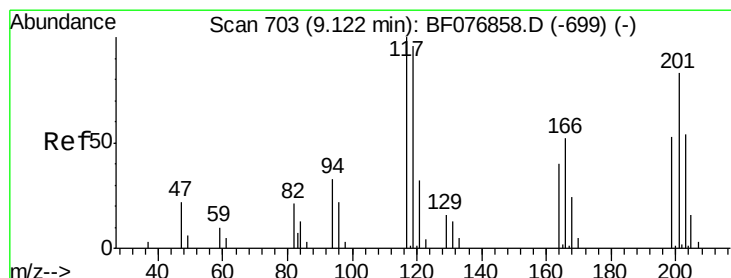
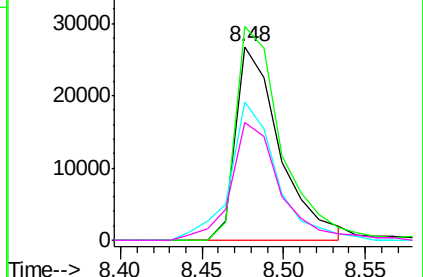
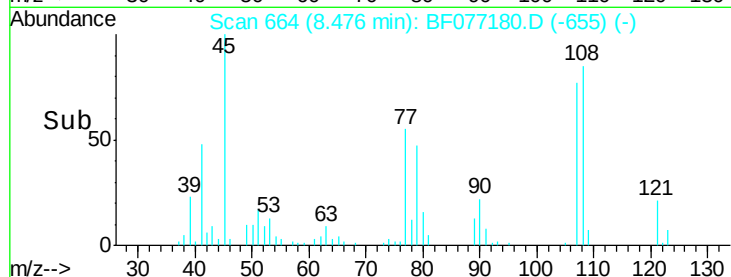
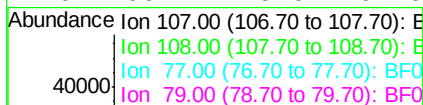
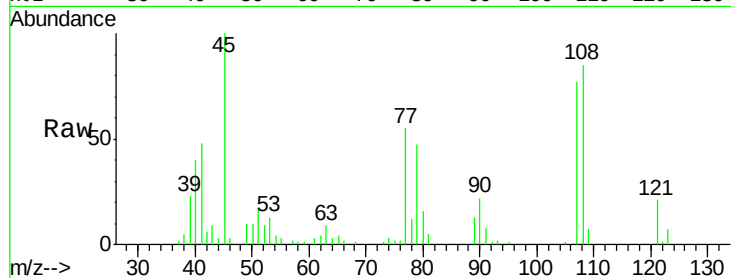
ClientSampleId :

PB81600BSD

Tot Ion:	107	Resp:	50235
Ion	Ratio	Lower	Upper
107	100		
108	110.2	89.7	134.5
77	71.5	50.1	75.1
79	60.7	45.0	67.6

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#18

Hexachloroethane

Concen: 37.08 ng

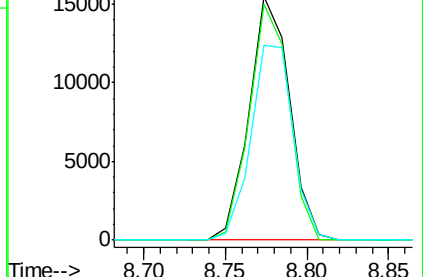
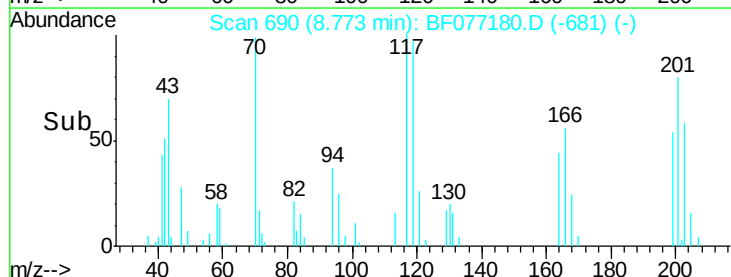
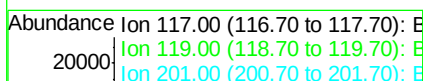
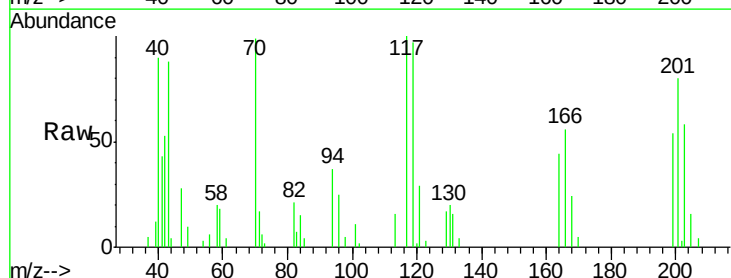
RT: 8.77 min Scan# 690

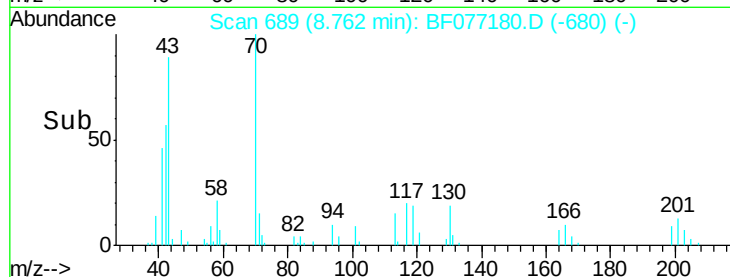
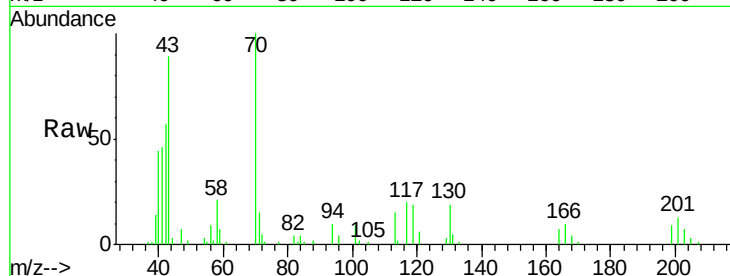
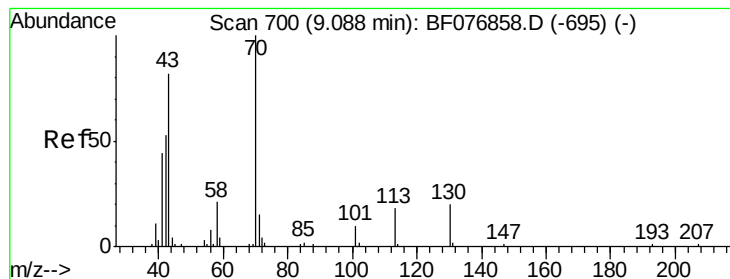
Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Tgt Ion:	117	Resp:	26654
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.1	115.7
201	80.1	66.8	100.2





#19

n-Nitroso-di-n-propylamine

Concen: 35.28 ng

RT: 8.76 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

ClientSampleId :

PB81600BSD

Tot Ion: 70 Resp: 46283

Ion Ratio Lower Upper

70 100

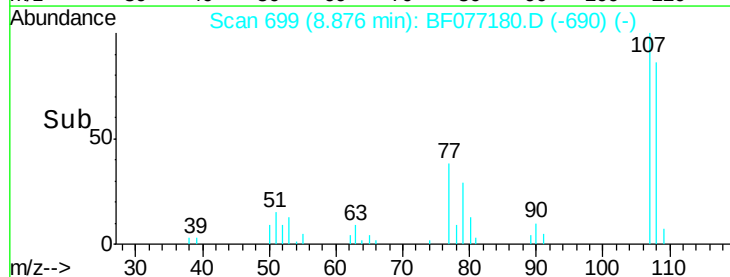
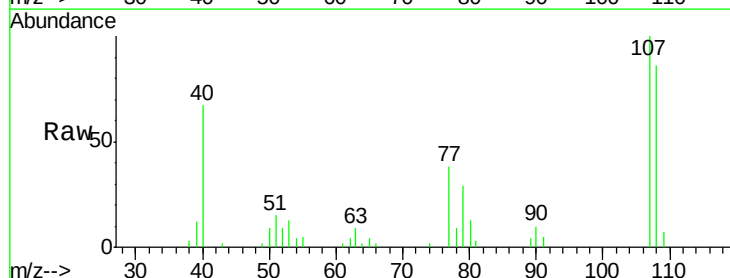
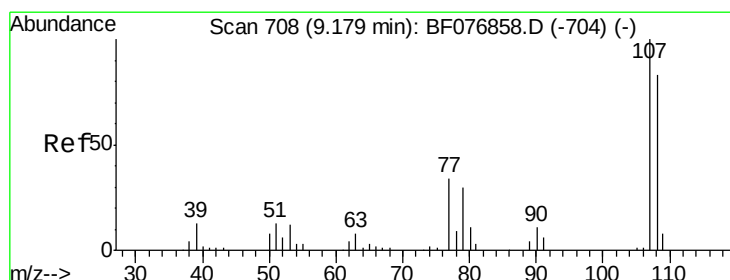
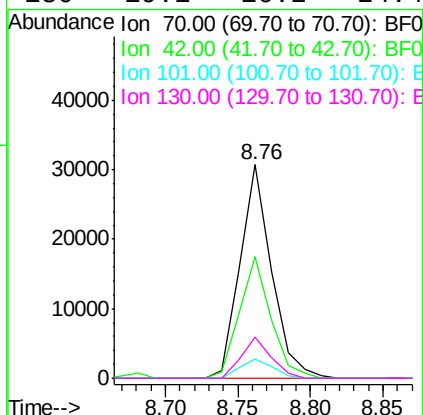
42 57.1 42.1 63.1

101 9.3 7.8 11.8

130 19.1 16.2 24.4

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#20

3+4-Methylphenols

Concen: 30.52 ng

RT: 8.88 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Tgt Ion: 107 Resp: 56557

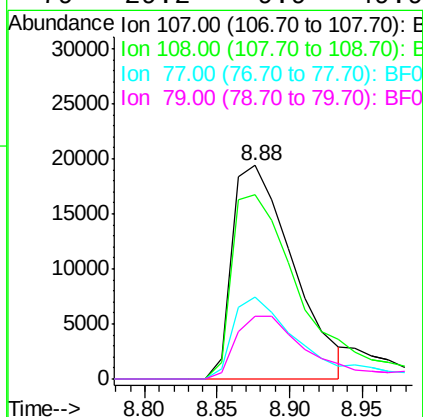
Ion Ratio Lower Upper

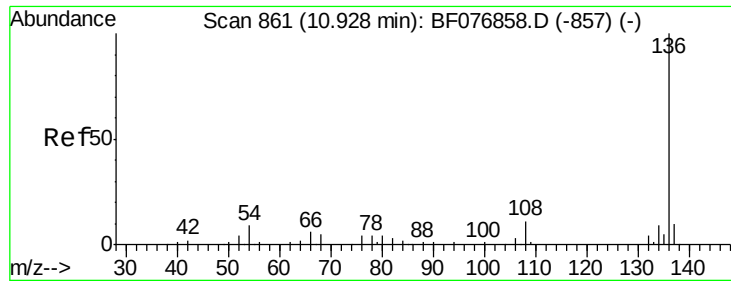
107 100

108 86.4 63.5 103.5

77 38.1 14.0 54.0

79 29.2 9.9 49.9





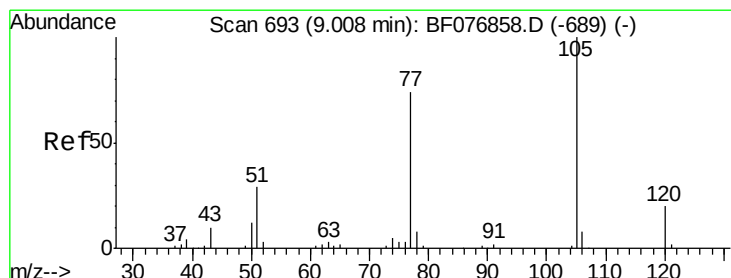
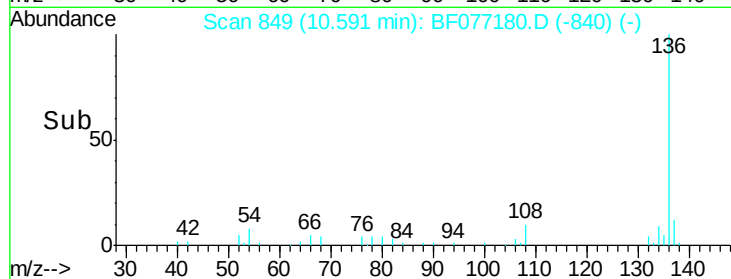
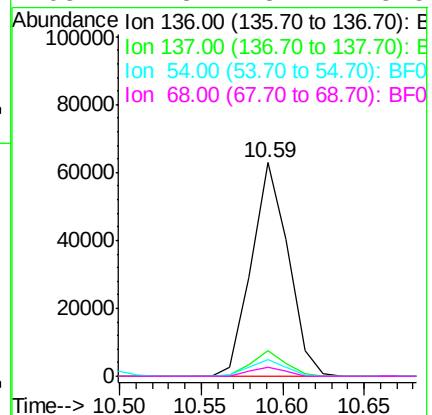
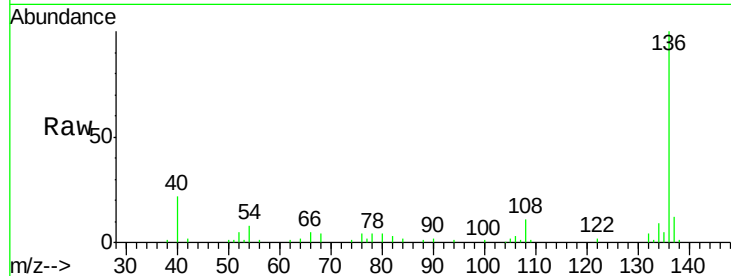
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
PB81600BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	97983		
137	11.9	8.1	12.1	
54	8.1	7.0	10.4	
68	4.3	3.7	5.5	

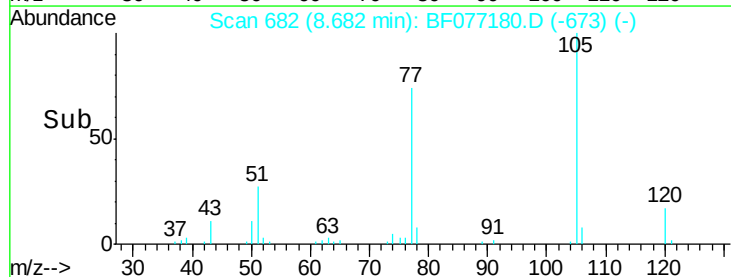
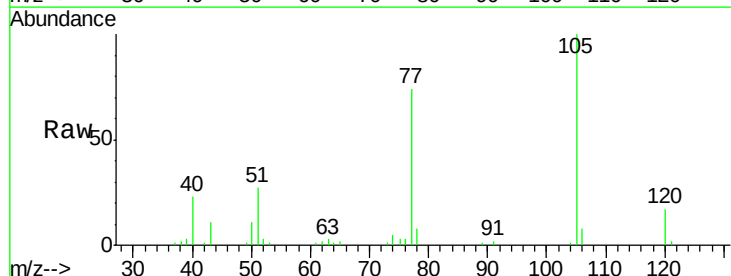
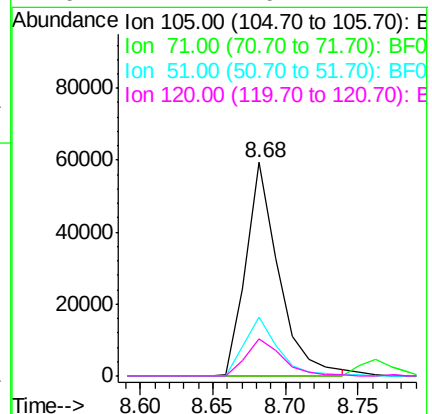
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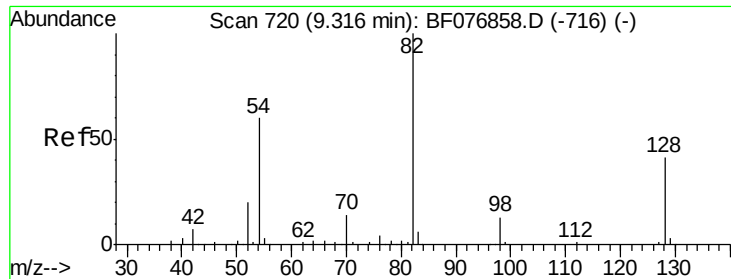
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#22
Acetophenone
Concen: 39.09 ng
RT: 8.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	93824		
71	0.0	0.0	0.0	
51	27.4	23.3	34.9	
120	17.4	16.1	24.1	





#23

Nitrobenzene-d5

Concen: 92.87 ng

RT: 8.99 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

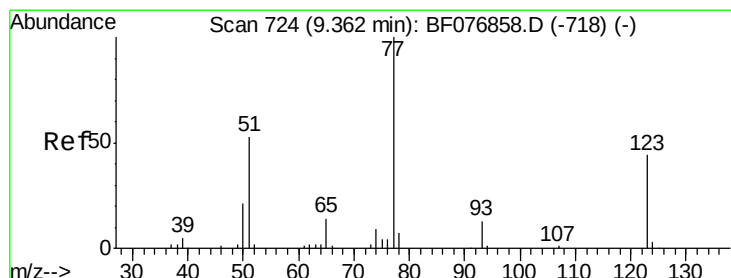
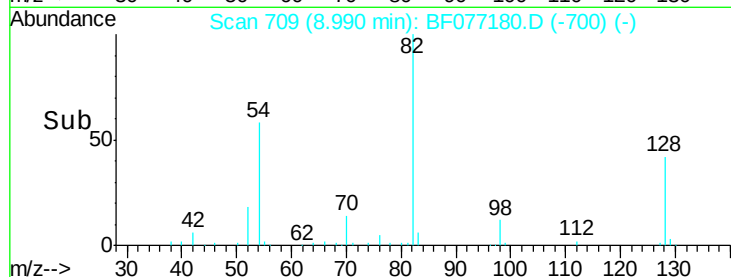
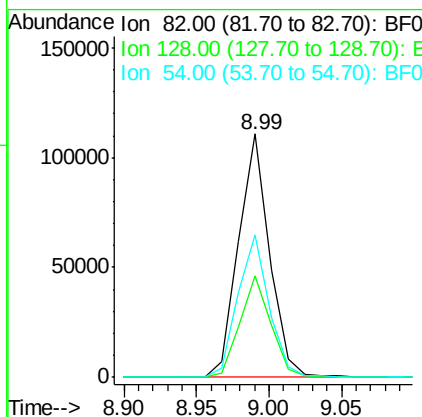
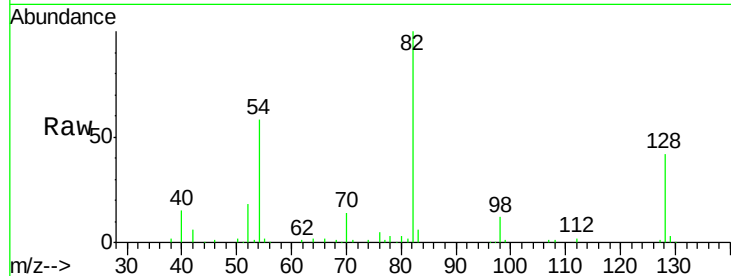
ClientSampleId :

PB81600BSD

Tot Ion:	82	Resp:	164258
Ion Ratio	Lower	Upper	
82	100		
128	41.6	33.1	49.7
54	58.5	48.3	72.5

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#24

Nitrobenzene

Concen: 37.70 ng

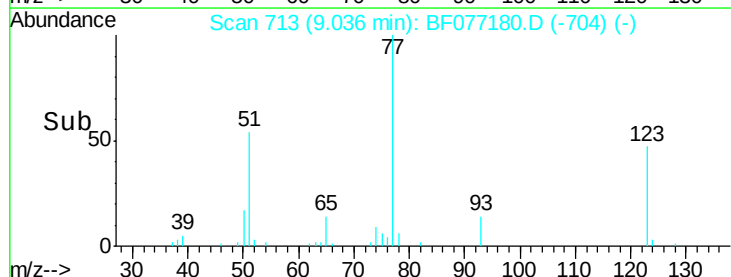
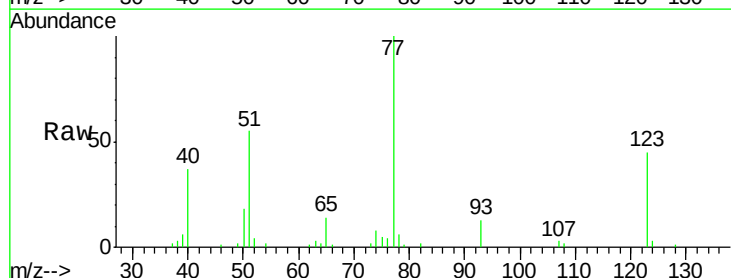
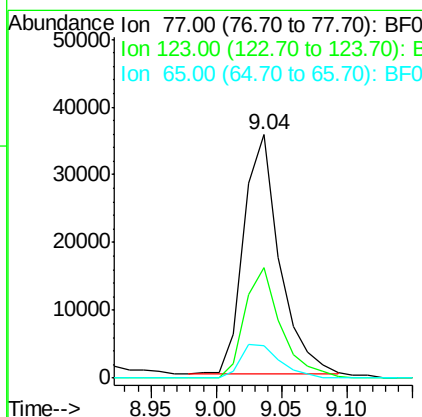
RT: 9.04 min Scan# 713

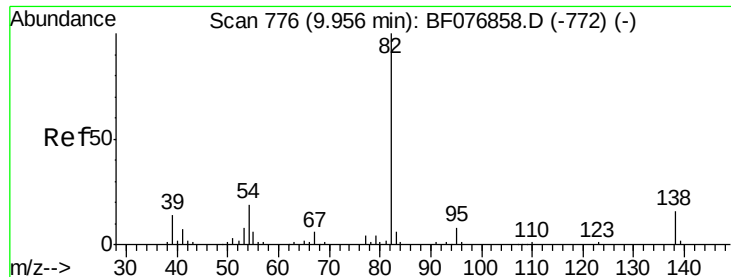
Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Tgt Ion:	77	Resp:	67922
Ion Ratio	Lower	Upper	
77	100		
123	45.2	35.2	52.8
65	13.5	11.4	17.2





#25

Isophorone

Concen: 37.71 ng

RT: 9.63 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

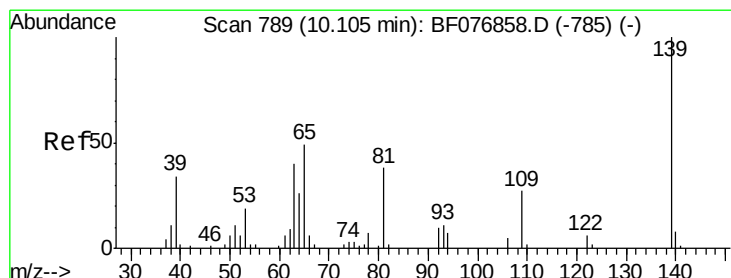
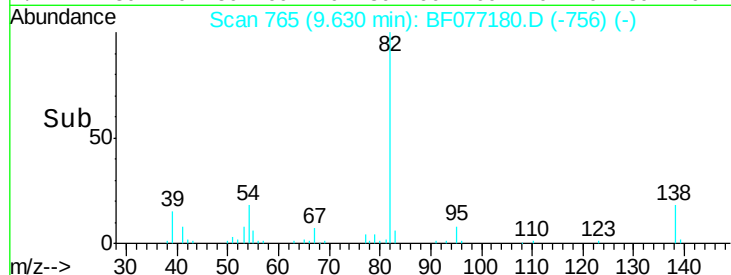
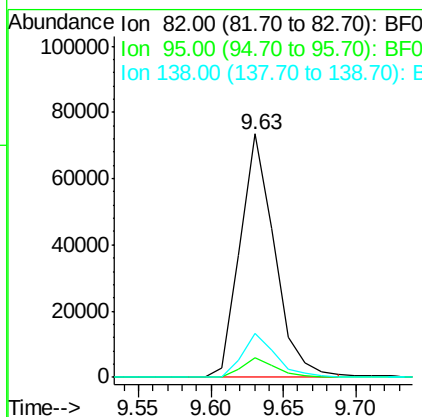
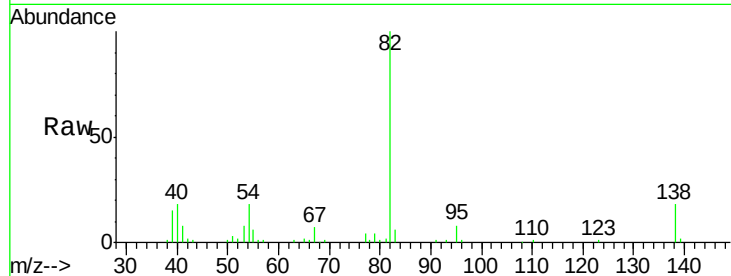
ClientSampleId :

PB81600BSD

Tot Ion:	82	Resp:	121455
Ion Ratio		Lower	Upper
82	100		
95	7.9	6.6	10.0
138	17.8	12.6	18.8

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#26

2-Nitrophenol

Concen: 34.22 ng

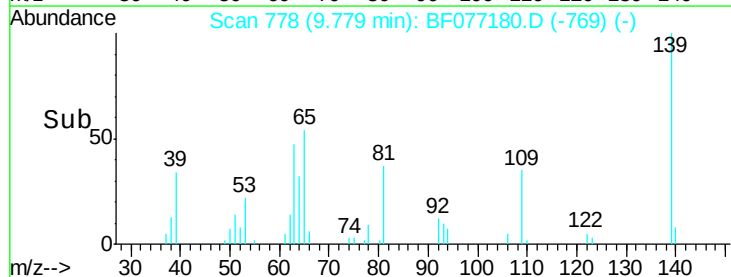
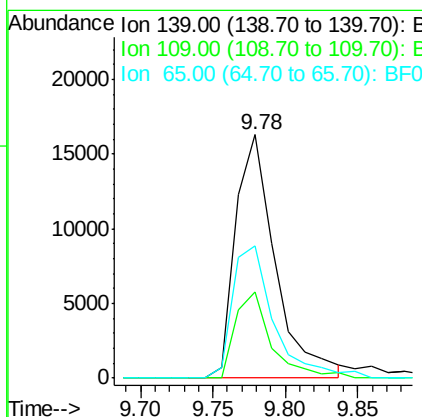
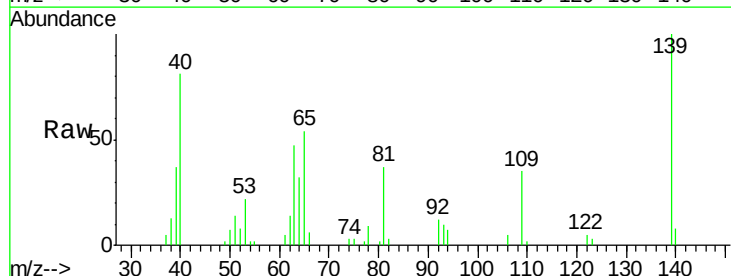
RT: 9.78 min Scan# 778

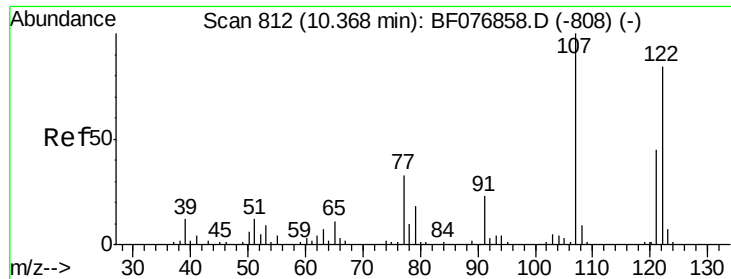
Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Tgt Ion:	139	Resp:	31090
Ion Ratio		Lower	Upper
139	100		
109	35.2	21.3	31.9#
65	54.3	39.4	59.0





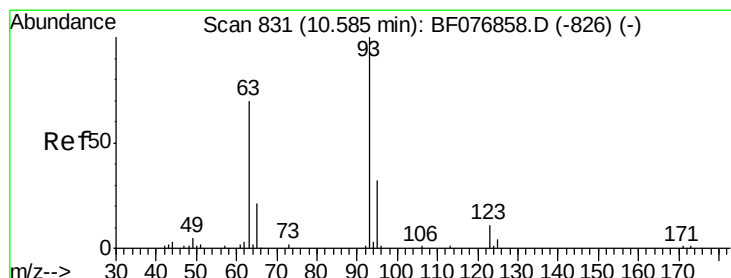
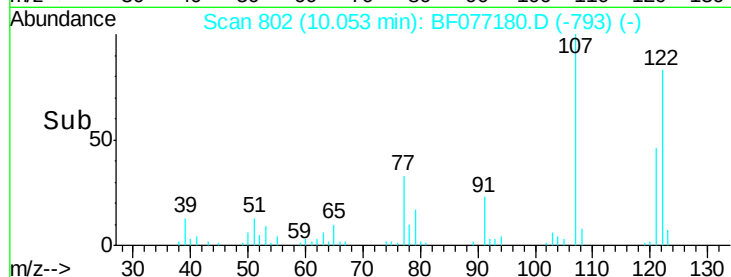
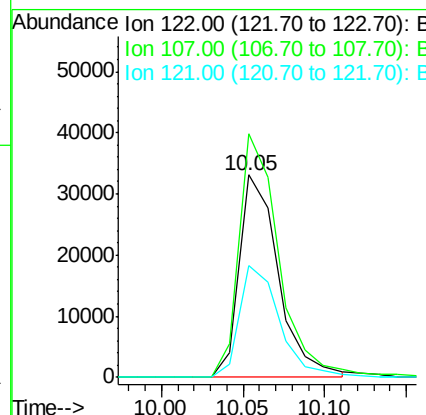
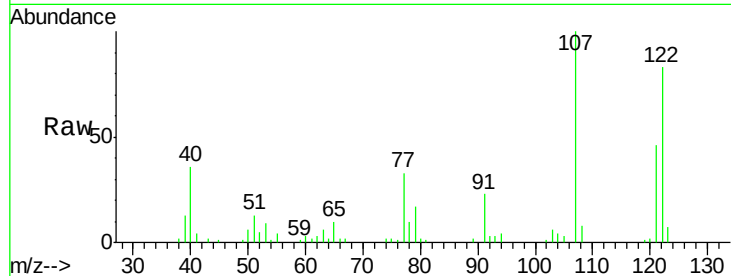
#27
 2,4-Dimethylphenol
 Concen: 39.42 ng
 RT: 10.05 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Instrument :
 BNA_F
 ClientSampled :
 PB81600BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.4	95.2	142.8
121	55.0	42.9	64.3

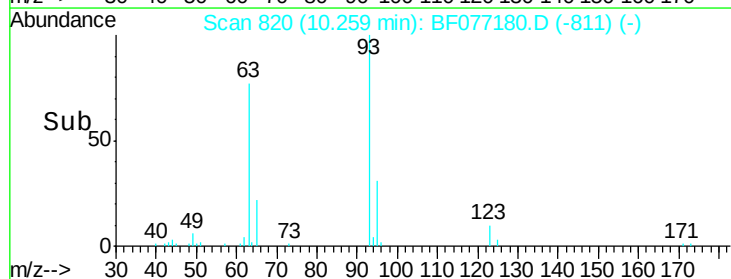
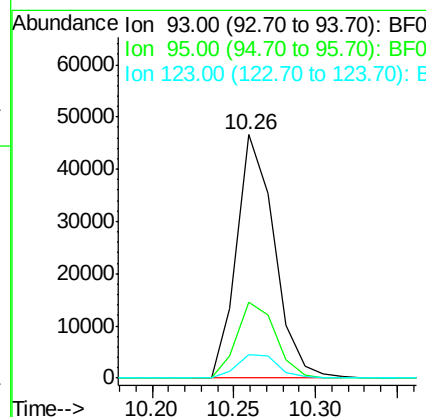
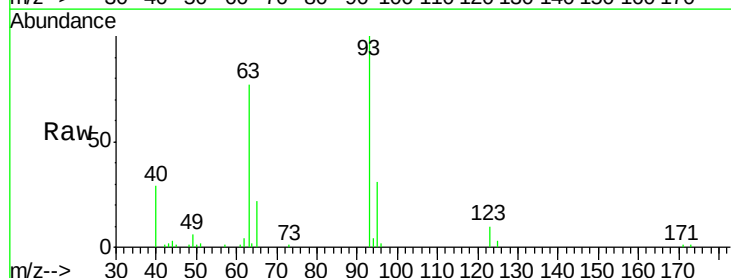
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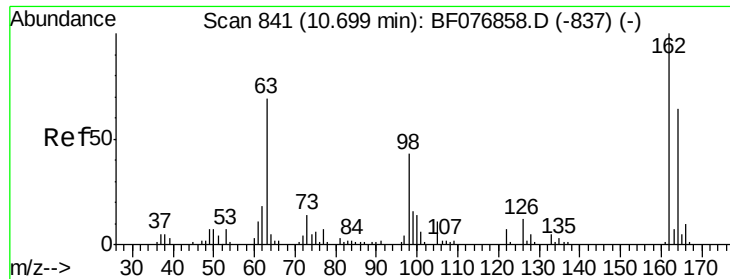
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.77 ng
 RT: 10.26 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.6	38.4
123	9.7	8.9	13.3





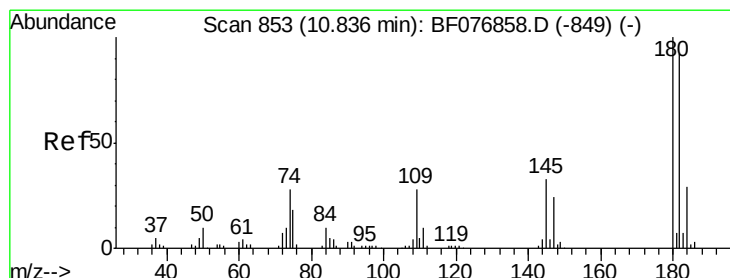
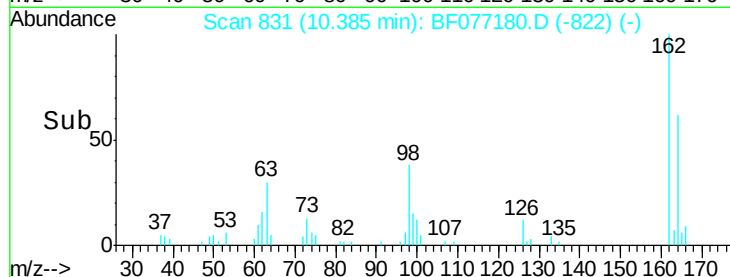
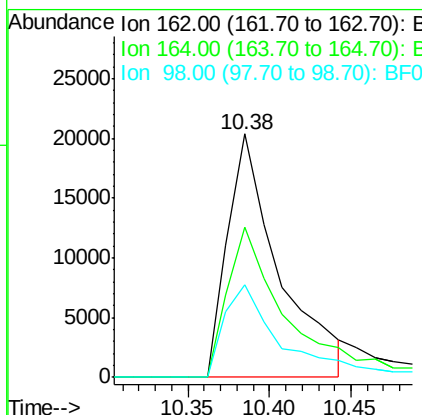
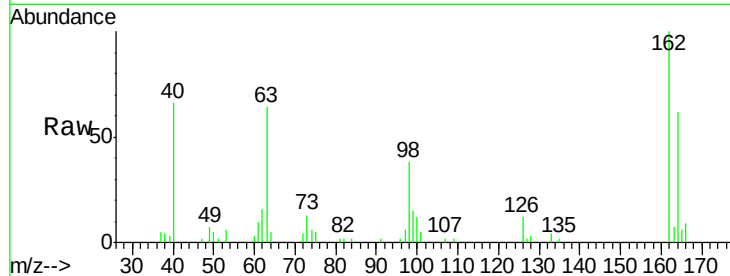
#29
 2,4-Dichlorophenol
 Concen: 34.29 ng
 RT: 10.38 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Instrument :
 BNA_F
 ClientSampled :
 PB81600BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	43.8	83.8
98	38.2	22.5	62.5

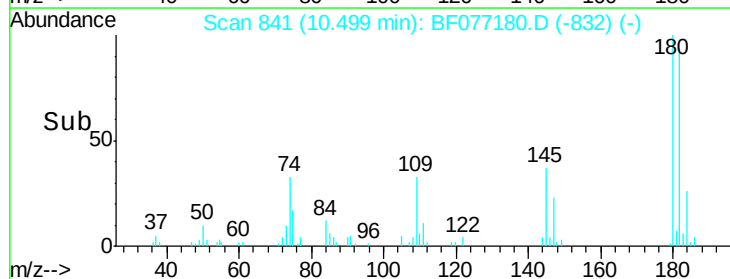
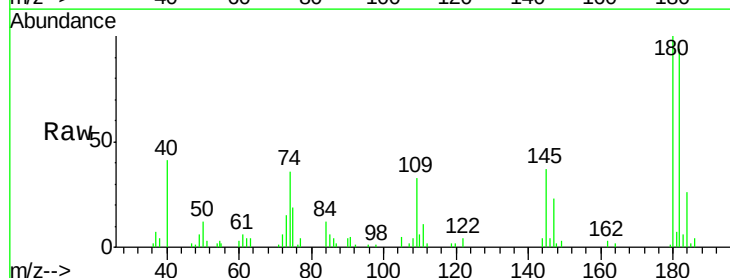
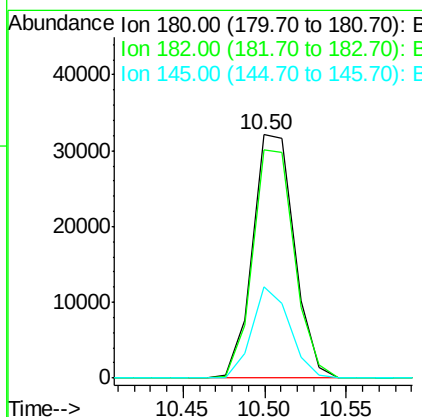
Manual Integrations
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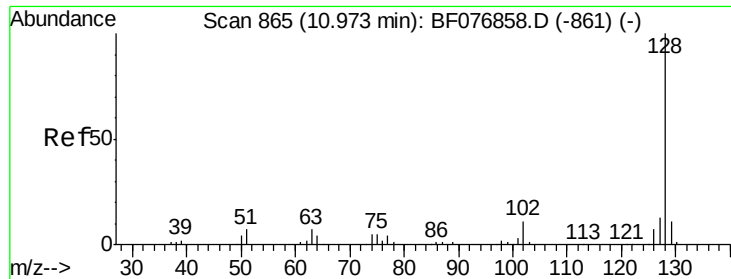
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.70 ng
 RT: 10.50 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	73.6	110.4
145	37.3	26.6	39.8





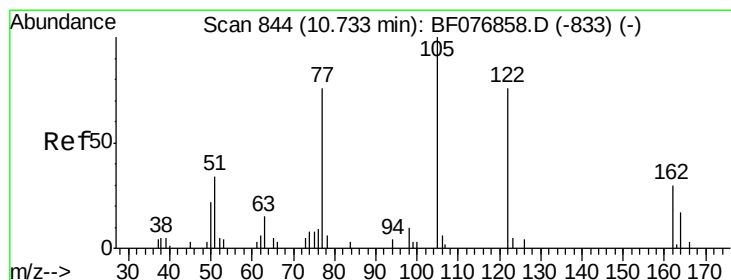
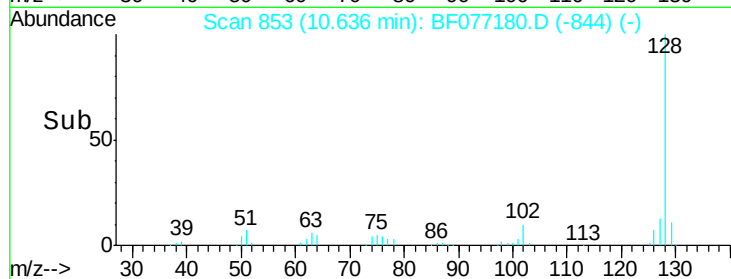
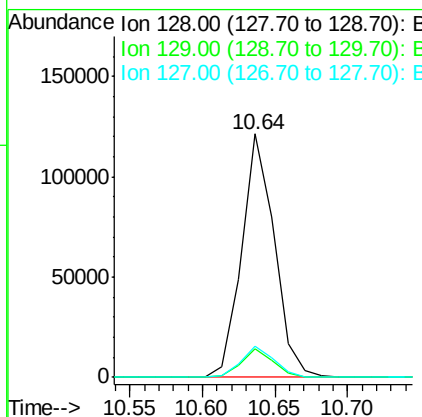
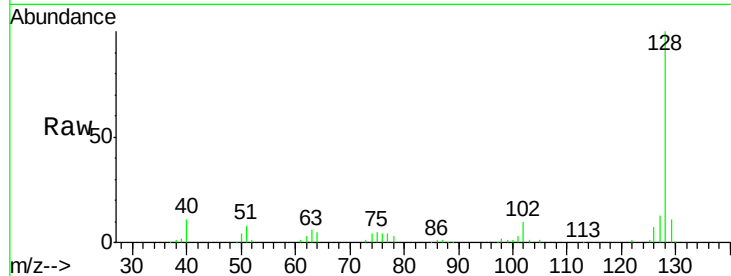
#31
Naphthalene
Concen: 37.65 ng
RT: 10.64 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
PB81600BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.0	10.2	15.2

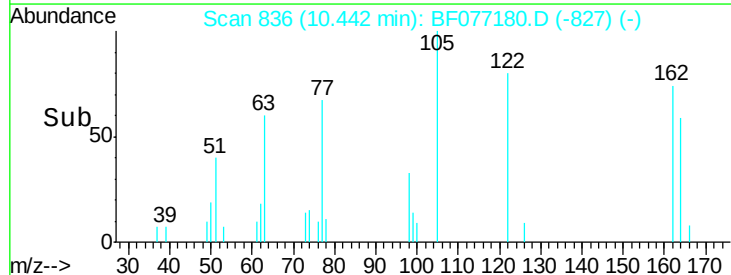
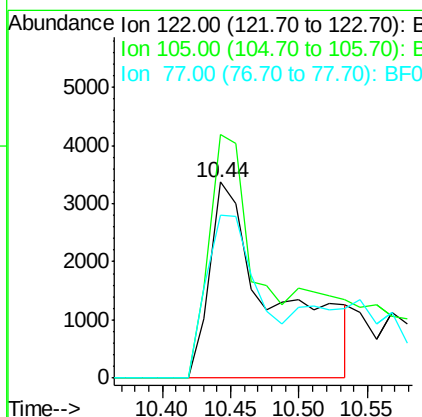
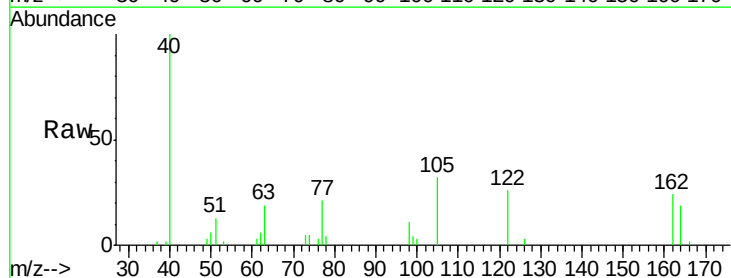
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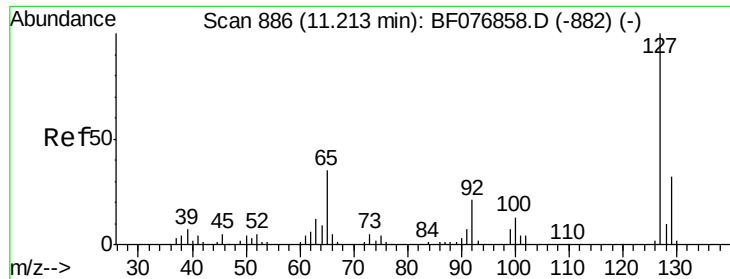
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2/5/2015 12:05:31 PM



#32
Benzoic acid
Concen: 14.61 ng m
RT: 10.44 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.4	111.3	151.3
77	83.2	79.2	119.2





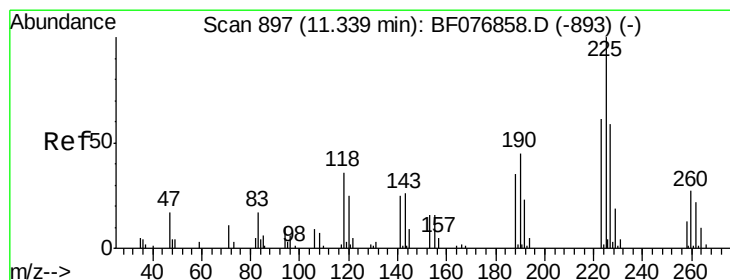
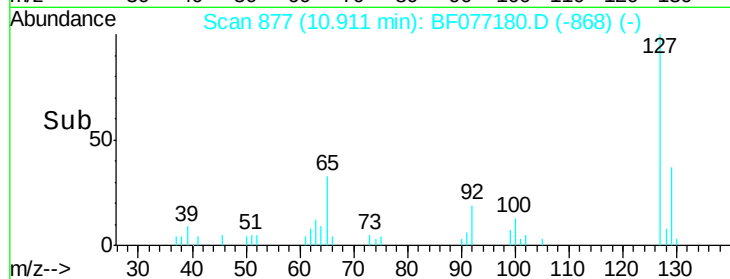
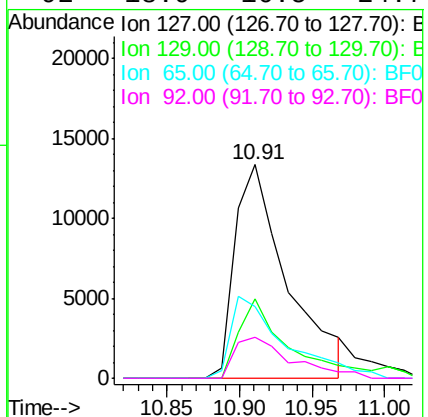
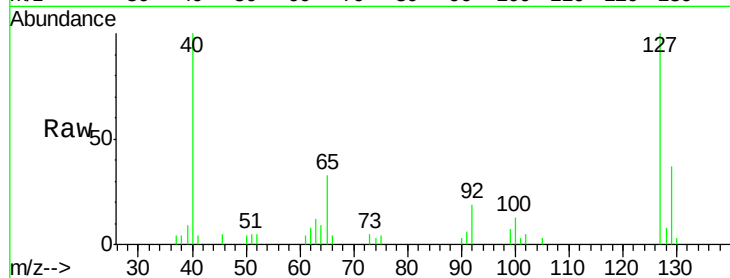
#33
4-Chloroaniline
Concen: 16.43 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
PB81600BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	36.9	25.3	37.9		
65	33.5	27.8	41.6		
92	18.9	16.5	24.7		

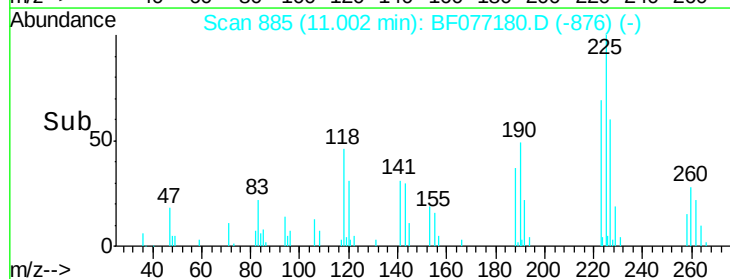
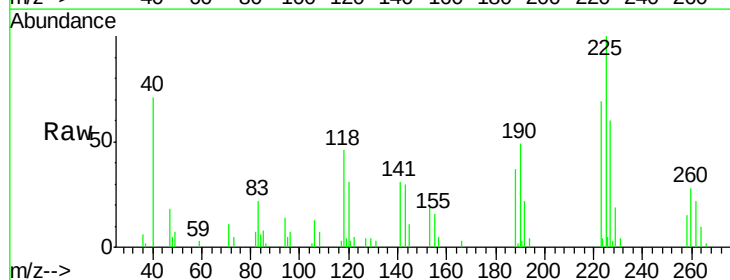
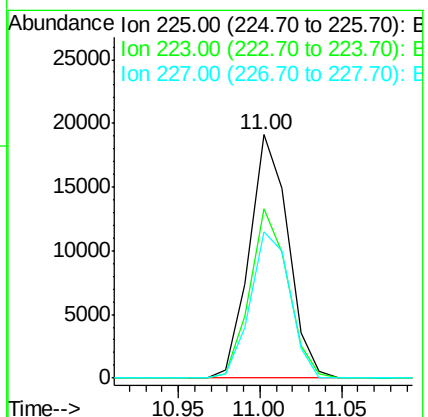
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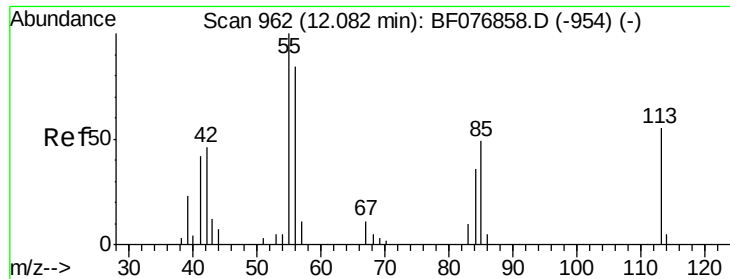
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2/5/2015 12:05:31 PM



#34
Hexachlorobutadiene
Concen: 36.94 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	69.4	49.1	73.7		
227	60.1	47.5	71.3		





#35

Caprolactam

Concen: 36.00 ng

RT: 11.73 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

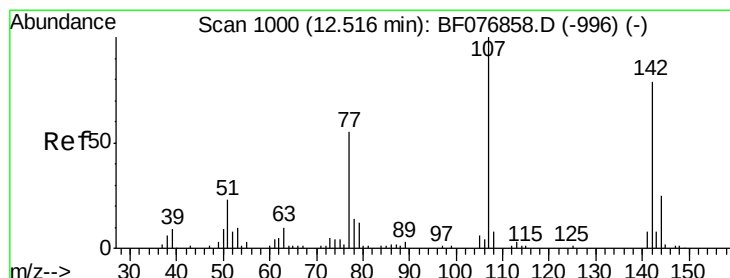
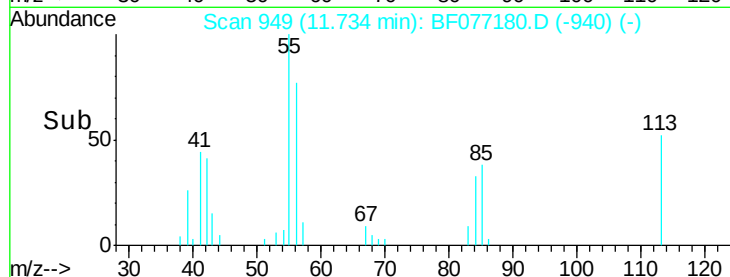
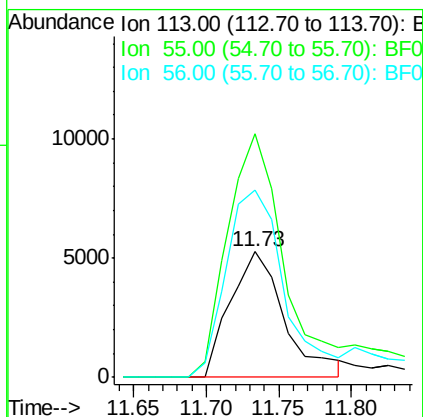
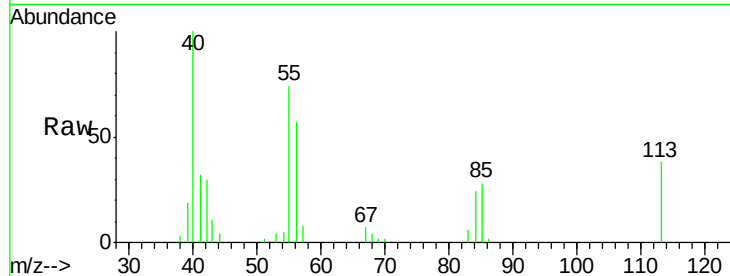
ClientSampleId :

PB81600BSD

Tot Ion:	113	Resp:	13763
Ion	Ratio	Lower	Upper
113	100		
55	194.1	162.1	202.1
56	149.4	133.7	173.7

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 36.44 ng

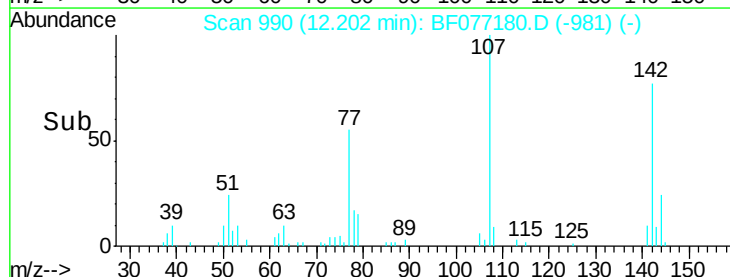
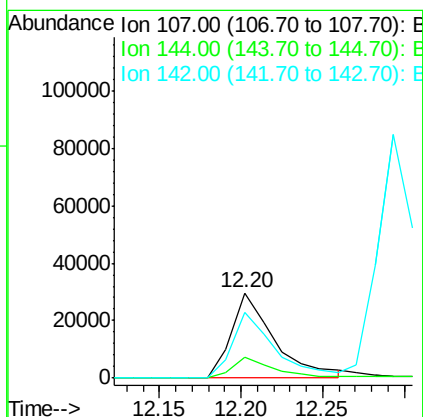
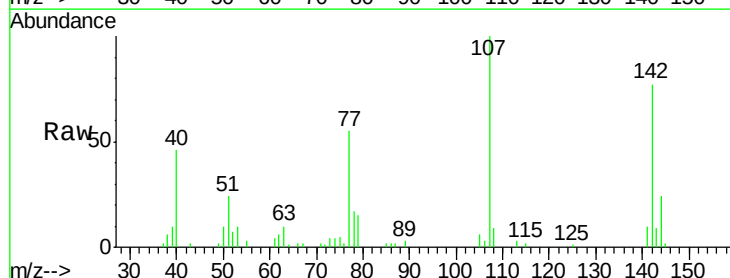
RT: 12.20 min Scan# 990

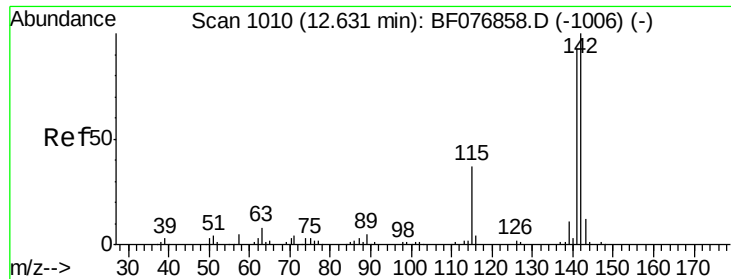
Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Tgt Ion:	107	Resp:	54186
Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.0	30.0
142	76.8	63.5	95.3





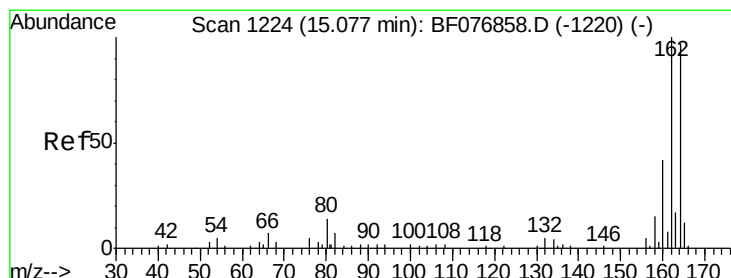
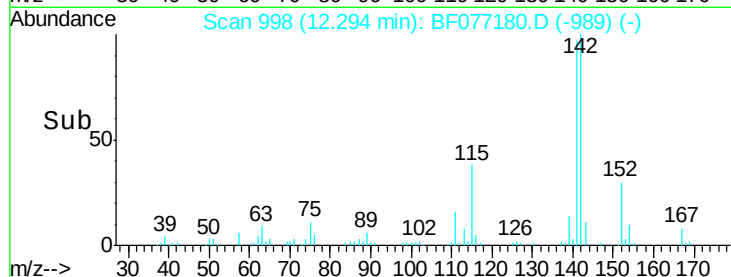
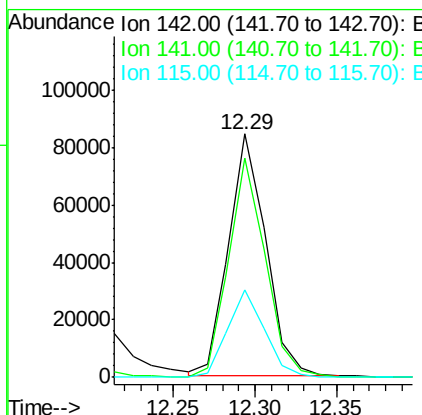
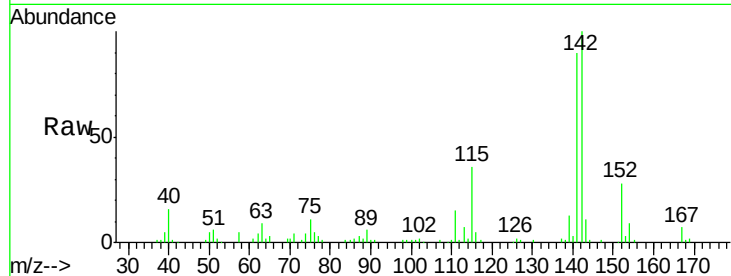
#37
2-Methylnaphthalene
Concen: 38.48 ng
RT: 12.29 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
PB81600BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	74.5	111.7
115	36.0	29.7	44.5

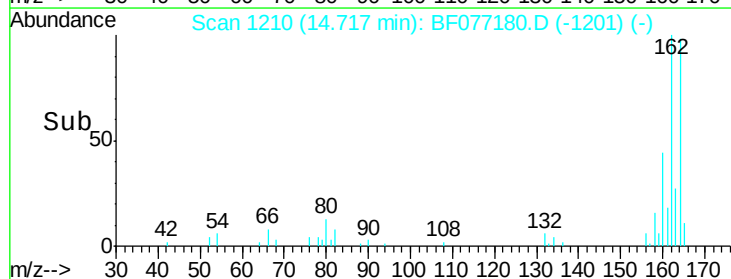
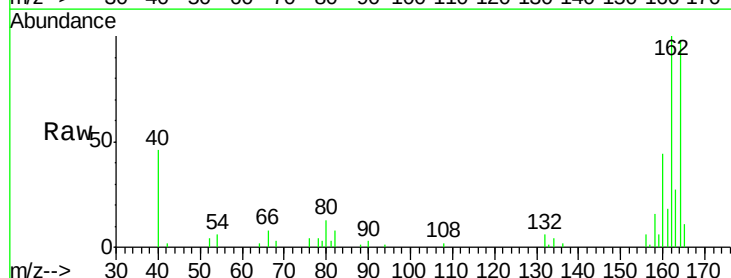
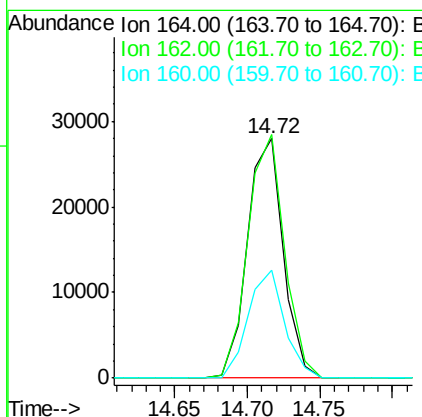
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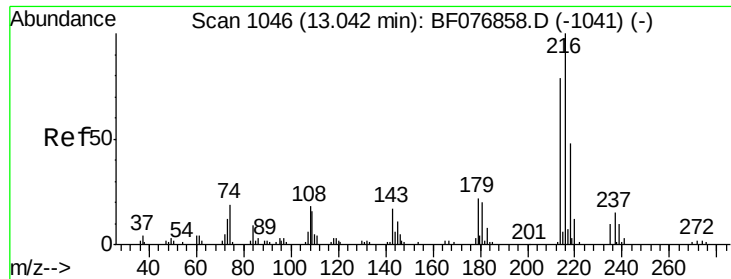
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.4	123.6
160	45.2	34.8	52.2





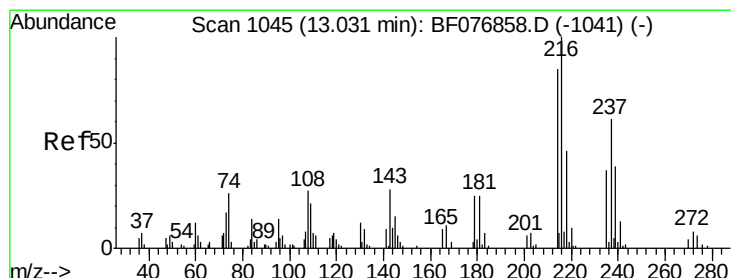
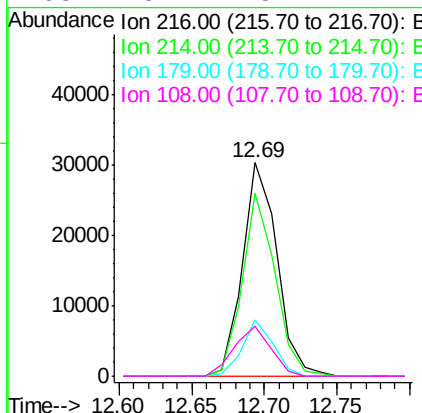
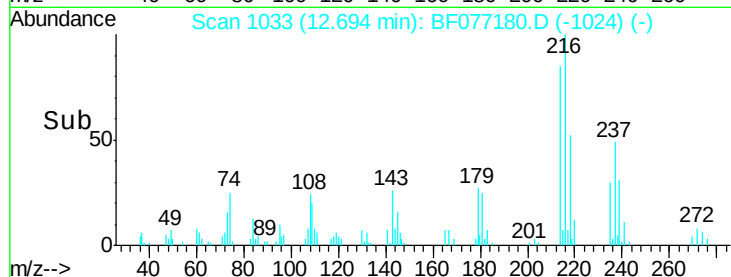
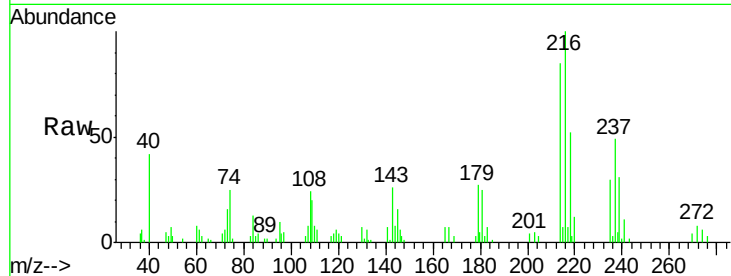
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.18 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		49835		
214	81.9	64.9	97.3		
179	23.9	18.6	28.0		
108	25.2	18.1	27.1		

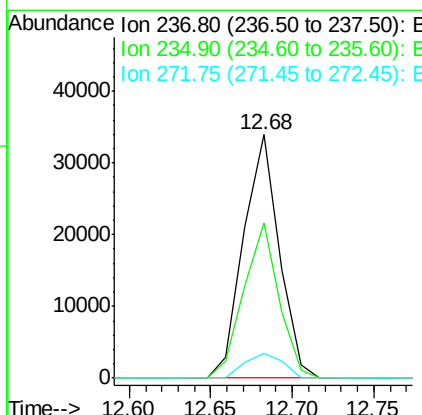
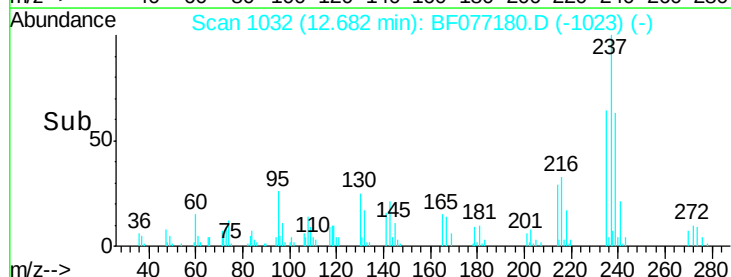
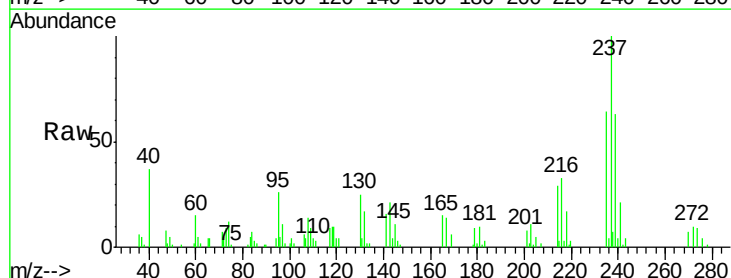
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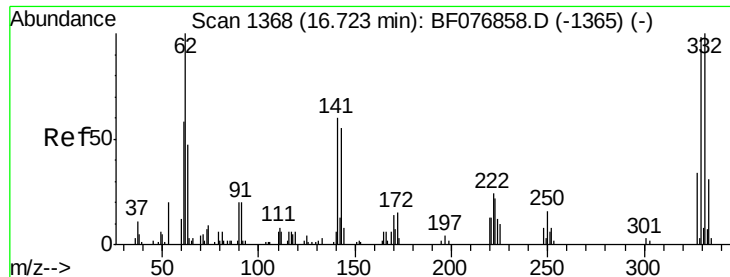
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#40
 Hexachlorocyclopentadiene
 Concen: 80.66 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		51335		
235	63.6	40.4	80.4		
272	10.3	0.0	33.2		





#41

2,4,6-Tribromophenol

Concen: 107.08 ng

RT: 16.44 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

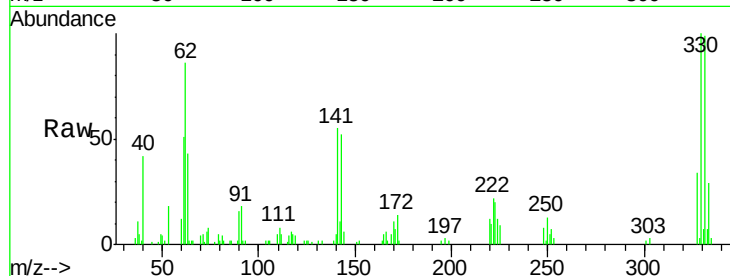
ClientSampleId :

PB81600BSD

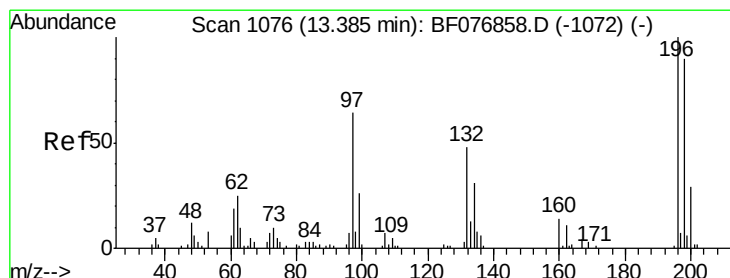
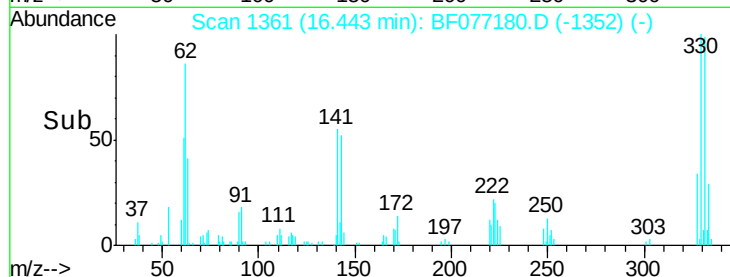
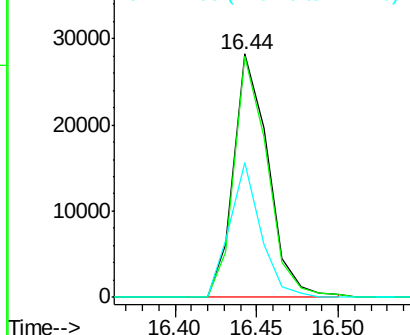
Tot Ion:	330	Resp:	41543
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.8	116.6
141	49.4	38.5	57.7

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



#42

2,4,6-Trichlorophenol

Concen: 37.73 ng

RT: 13.05 min Scan# 1064

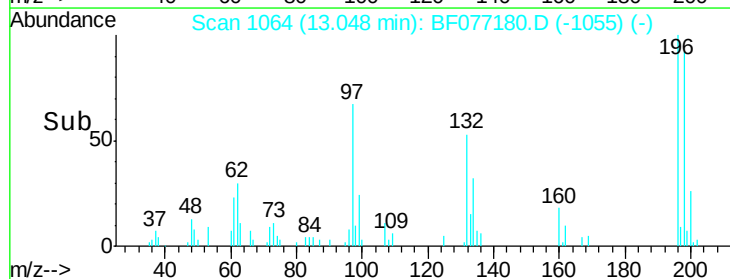
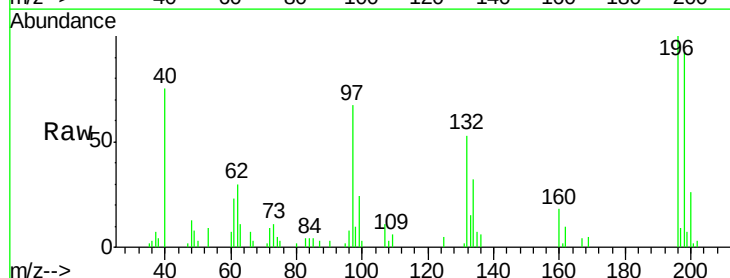
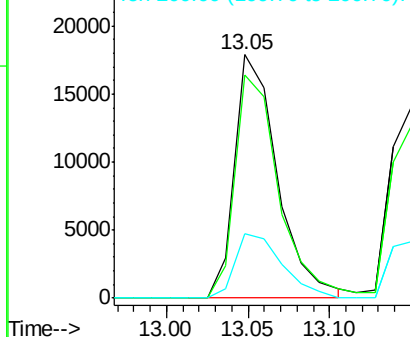
Delta R.T. 0.00 min

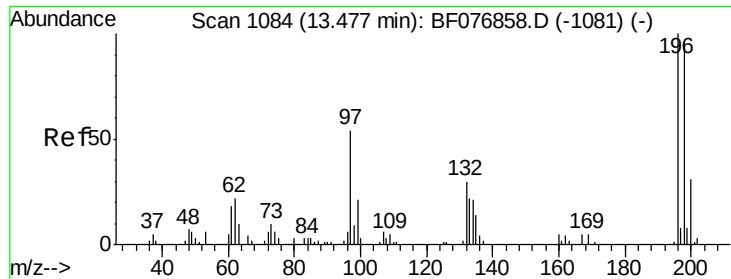
Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Tgt Ion:	196	Resp:	32483
Ion Ratio	Lower	Upper	
196	100		
198	91.5	72.0	108.0
200	26.3	23.4	35.2

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





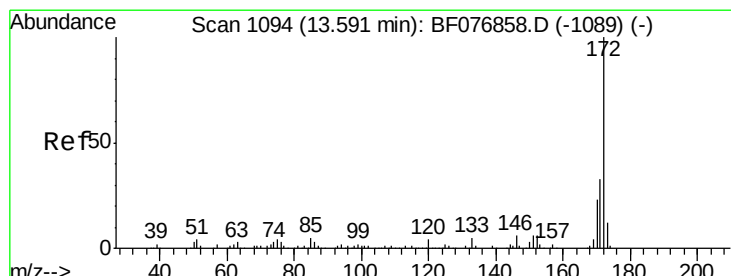
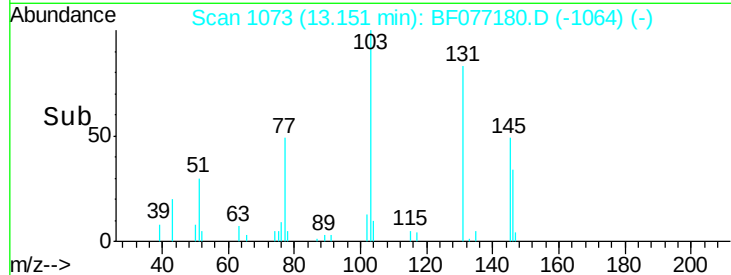
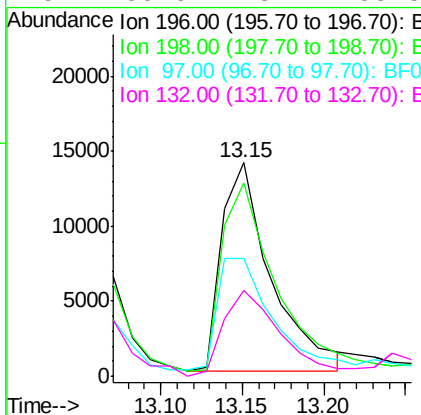
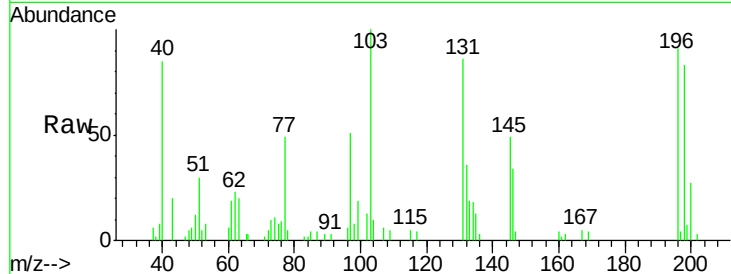
#43
 2,4,5-Trichlorophenol
 Concen: 33.13 ng
 RT: 13.15 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	29093		
198	90.3	76.6	115.0	
97	55.4	43.4	65.0	
132	39.9	23.7	35.5#	

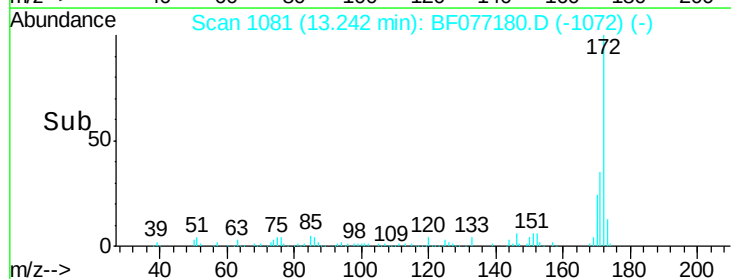
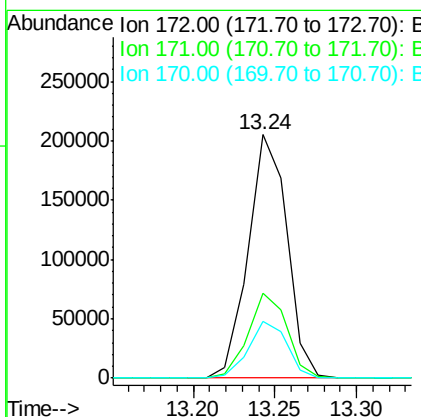
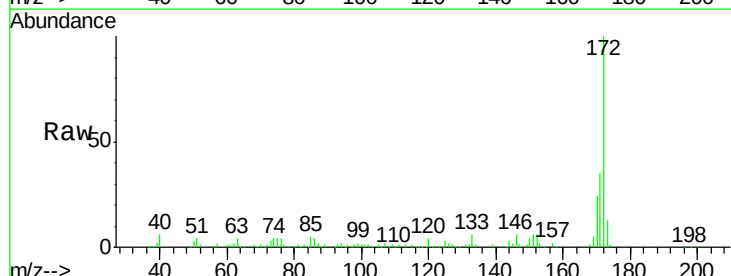
Manual Integrations
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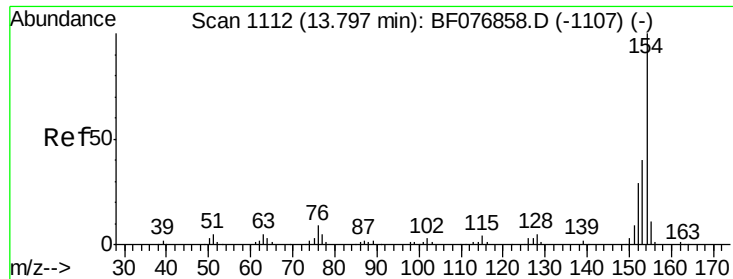
apatel
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#44
 2-Fluorobiphenyl
 Concen: 107.90 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	338857		
171	34.8	26.6	40.0	
170	23.5	18.0	27.0	





#45

1,1'-Biphenyl

Concen: 44.76 ng

RT: 13.45 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

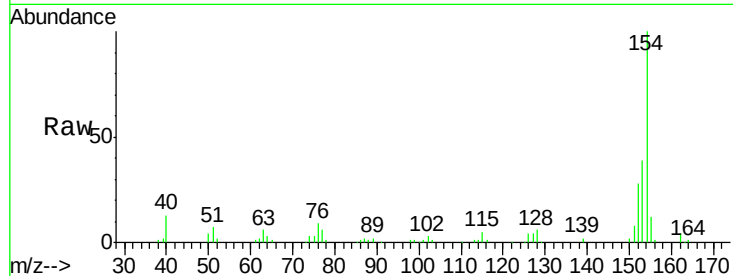
ClientSampleId :

PB81600BSD

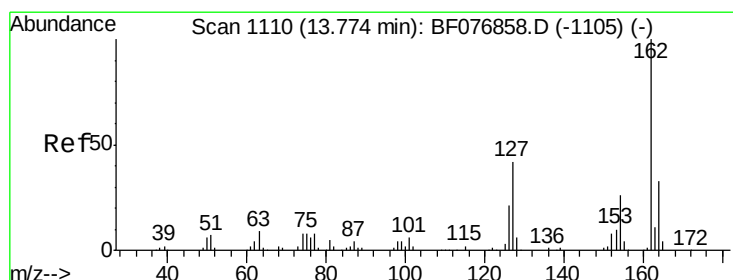
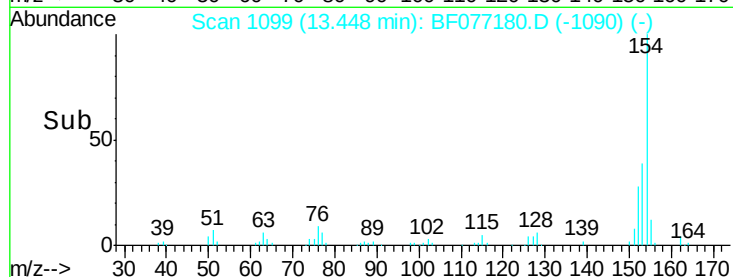
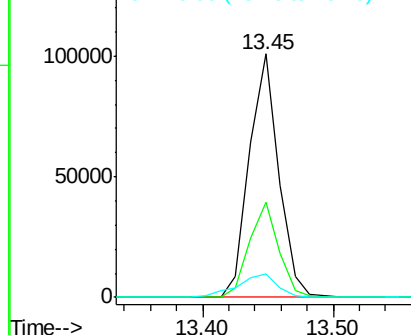
Tot Ion:	154	Resp:	158598
Ion Ratio	Lower	Upper	
154	100		
153	39.2	20.2	60.2
76	9.4	0.0	29.0

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



#46

2-Chloronaphthalene

Concen: 42.95 ng

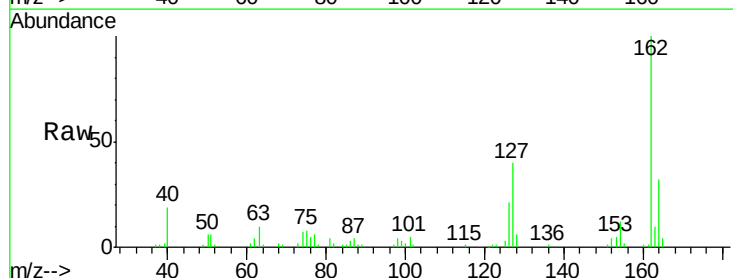
RT: 13.43 min Scan# 1097

Delta R.T. 0.00 min

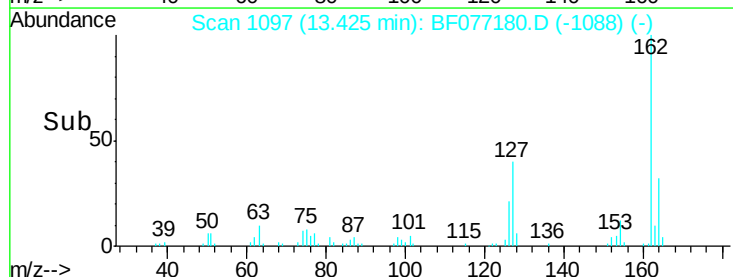
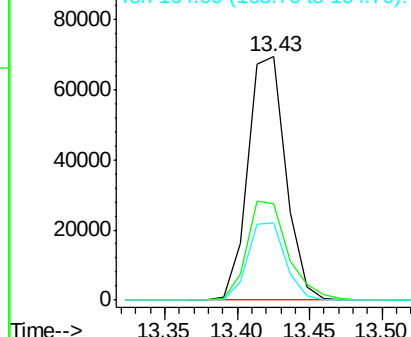
Lab File: BF077180.D

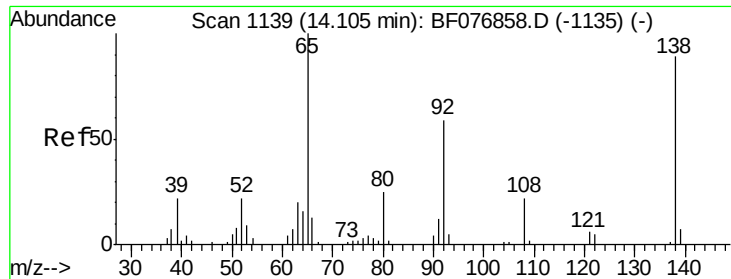
Acq: 4 Feb 2015 16:16

Tgt Ion:	162	Resp:	125237
Ion Ratio	Lower	Upper	
162	100		
127	39.5	33.8	50.6
164	31.9	26.8	40.2



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





#47

2-Nitroaniline

Concen: 41.75 ng

RT: 13.77 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

ClientSampleId :

PB81600BSD

Tot Ion: 65 Resp: 36926

Ion Ratio Lower Upper

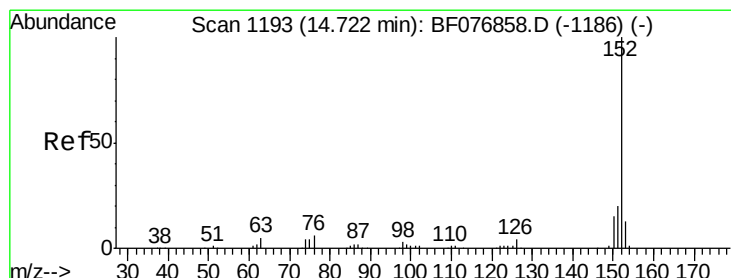
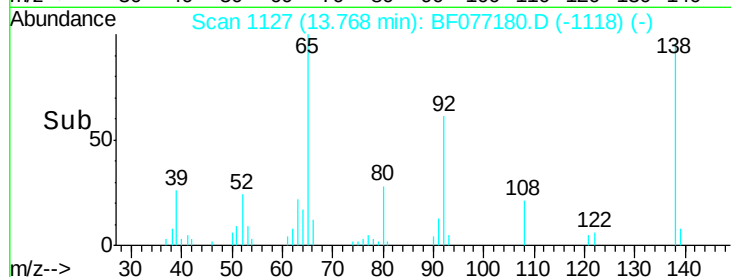
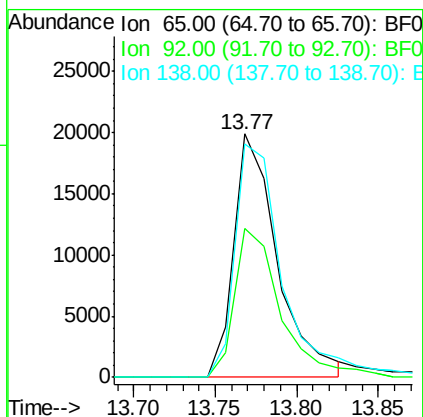
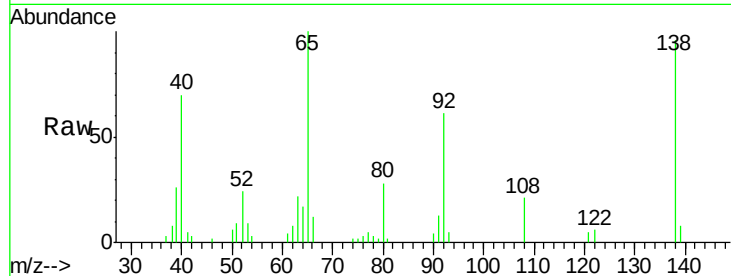
65 100

92 61.1 47.3 70.9

138 95.8 71.4 107.2

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#48

Acenaphthylene

Concen: 42.12 ng

RT: 14.36 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

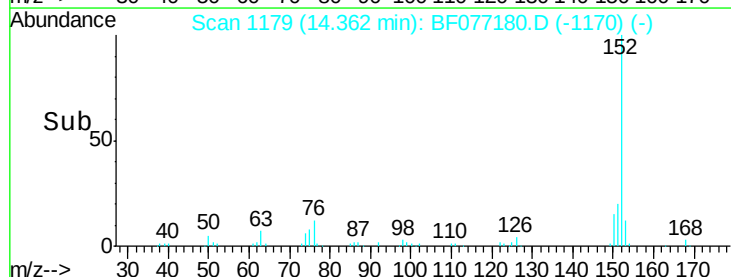
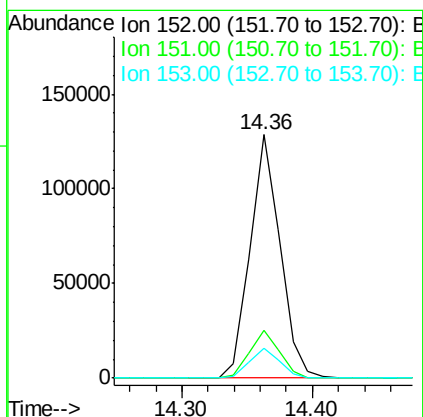
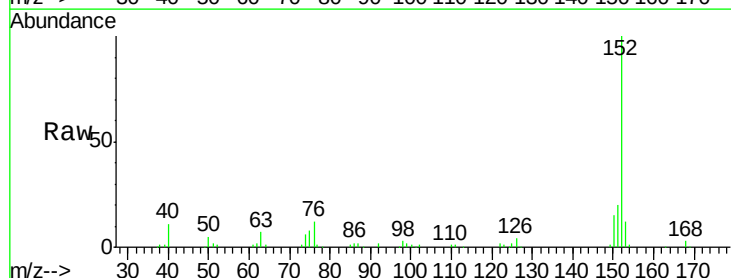
Tgt Ion: 152 Resp: 207121

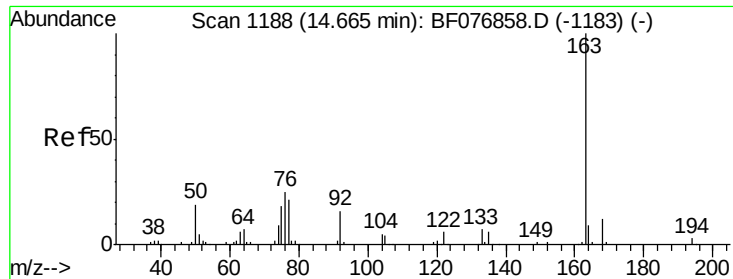
Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 12.4 10.2 15.4





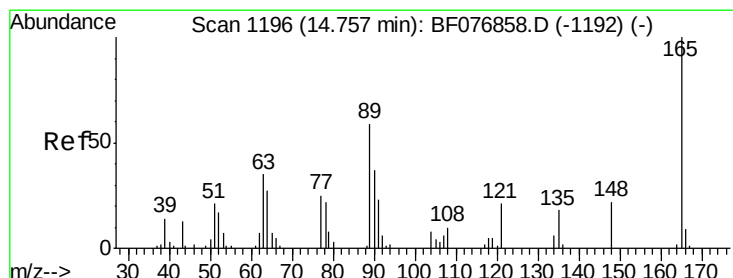
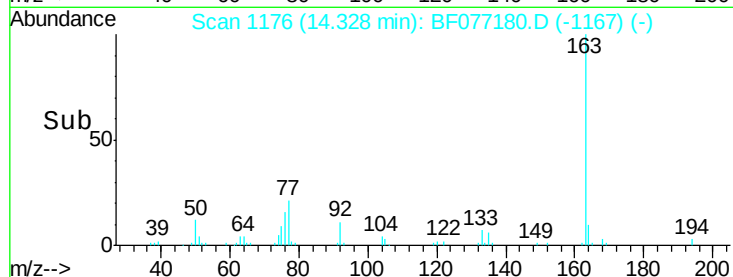
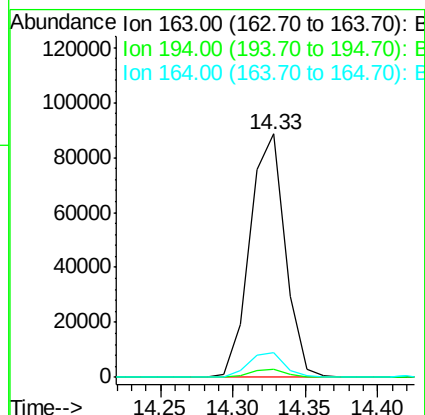
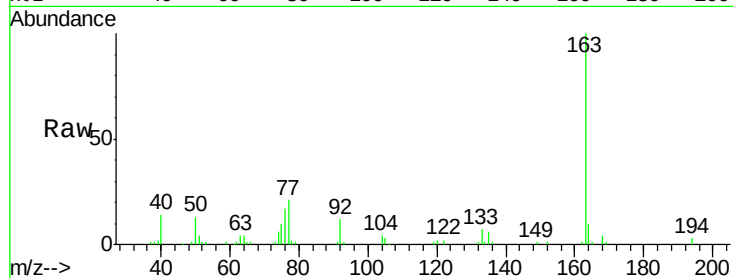
#49
Dimethylphthalate
Concen: 44.10 ng
RT: 14.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
PB81600BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	149481		
194	3.2	2.6	4.0	
164	10.4	7.5	11.3	

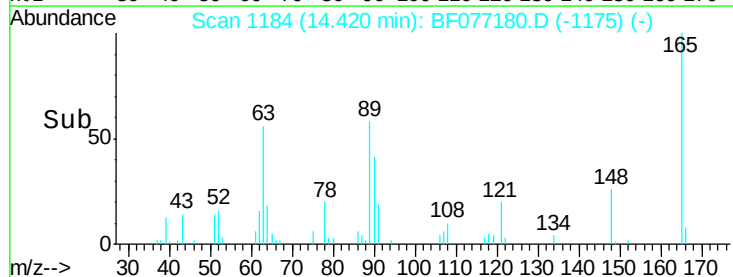
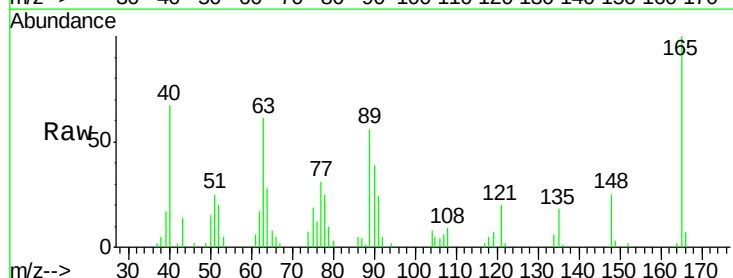
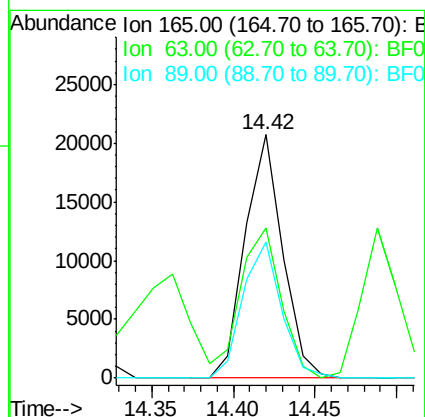
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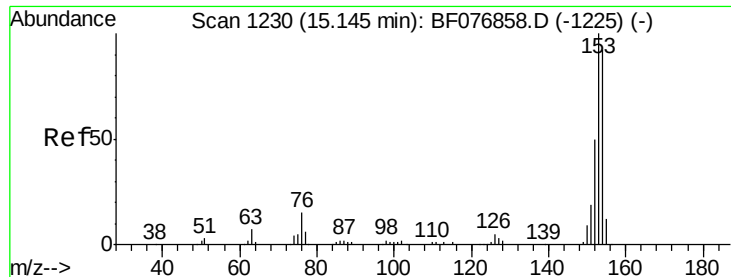
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#50
2,6-Dinitrotoluene
Concen: 48.74 ng
RT: 14.42 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	33005		
63	61.4	48.1	72.1	
89	55.9	47.2	70.8	





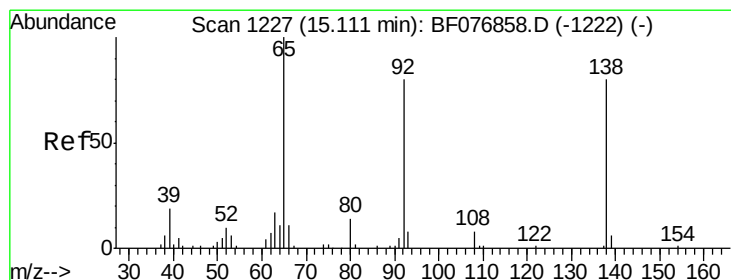
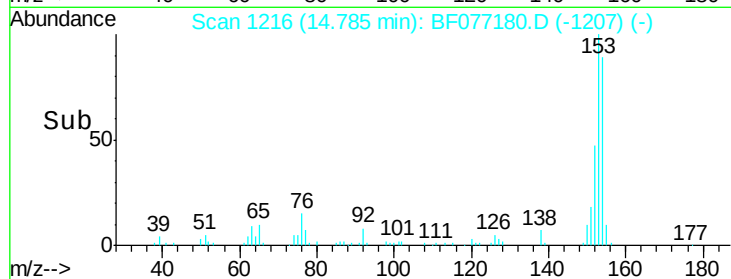
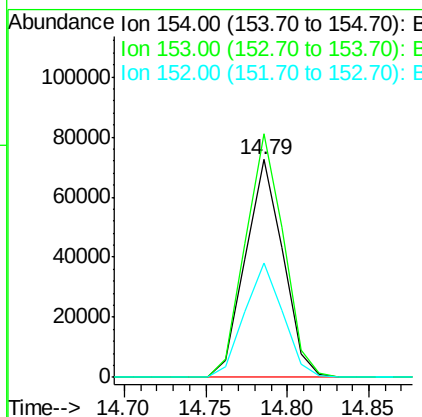
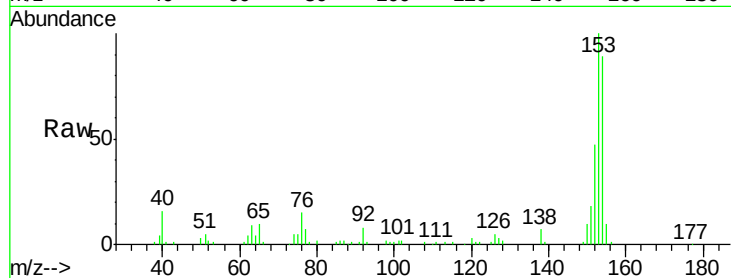
#51
Acenaphthene
Concen: 41.78 ng
RT: 14.79 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
PB81600BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.8	87.0	130.6
152	52.4	43.5	65.3

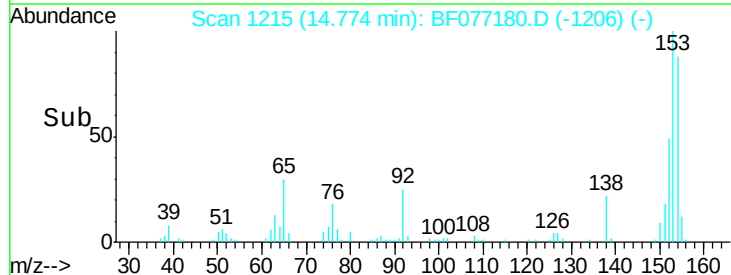
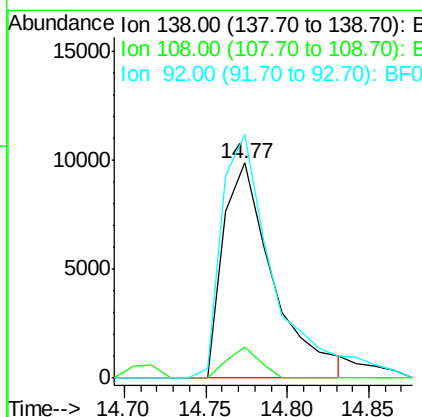
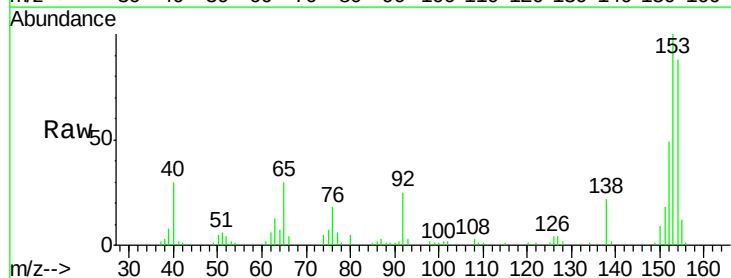
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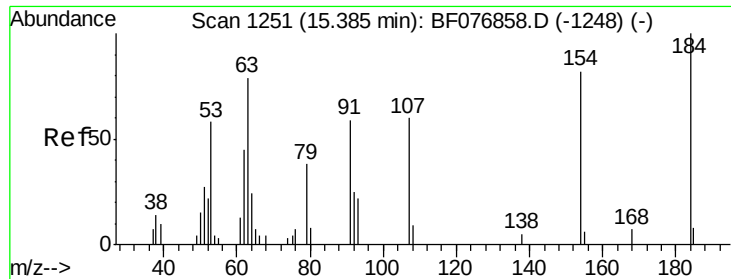
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#52
3-Nitroaniline
Concen: 24.66 ng
RT: 14.77 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.4	8.3	12.5#
92	113.0	80.9	121.3





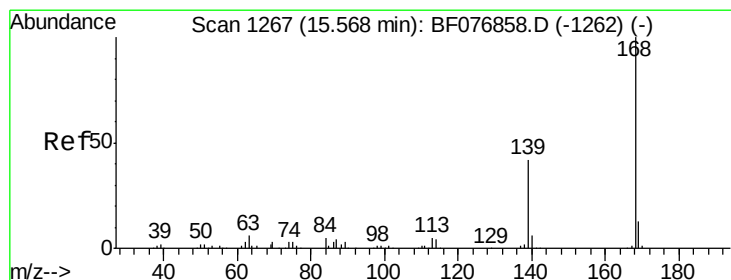
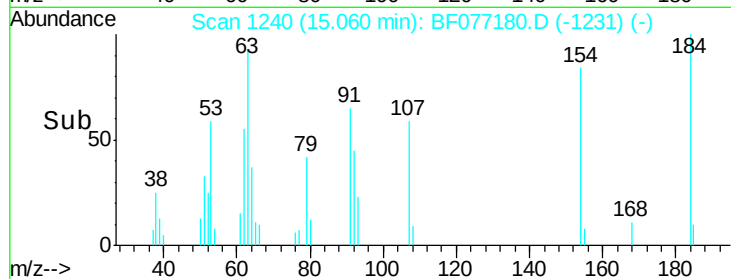
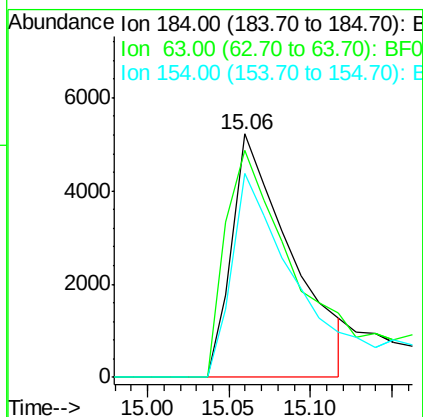
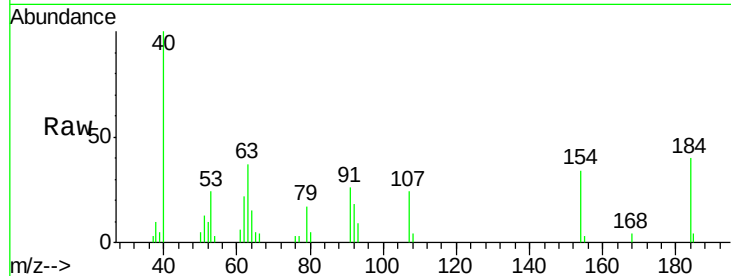
#53
 2,4-Dinitrophenol
 Concen: 47.35 ng
 RT: 15.06 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	93.2	63.0	94.6	
154	83.6	65.5	98.3	

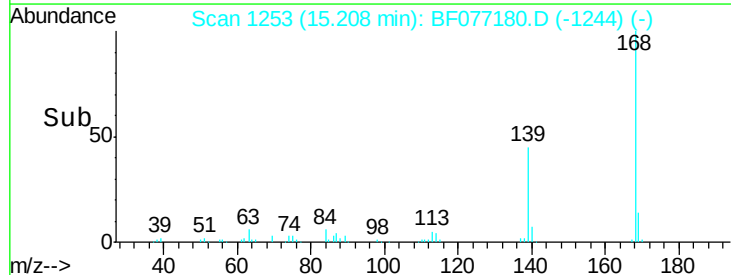
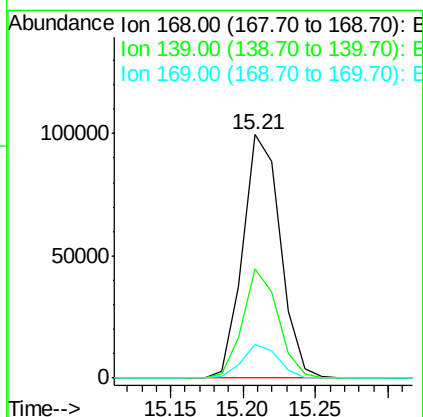
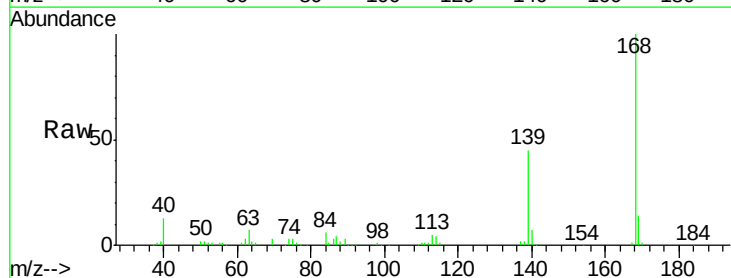
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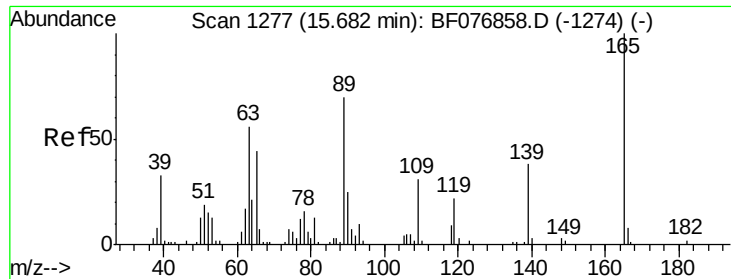
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#54
 Dibenzofuran
 Concen: 43.89 ng
 RT: 15.21 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	44.6	33.4	50.2	
169	13.8	10.6	15.8	





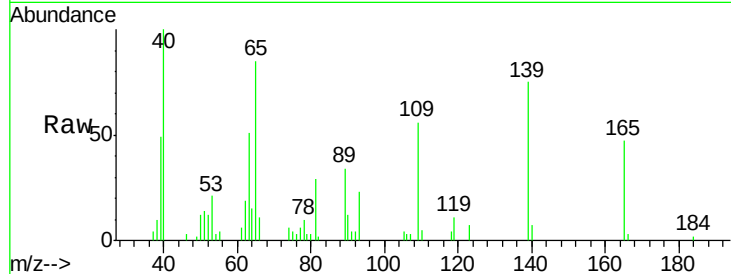
#55
4-Nitrophenol
Concen: 57.94 ng/mL
RT: 15.38 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
PB81600BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	74.0	61.0	101.0	
65	113.6	96.6	136.6	

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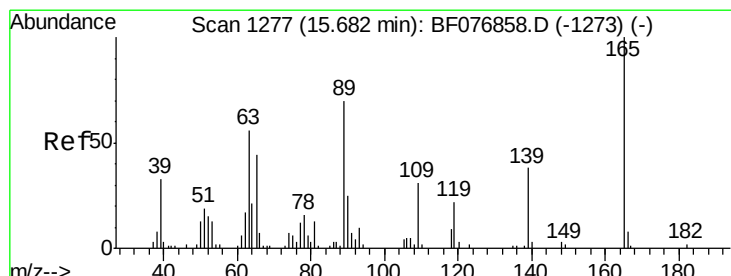
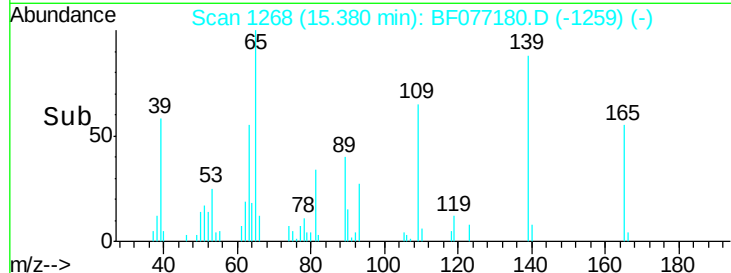
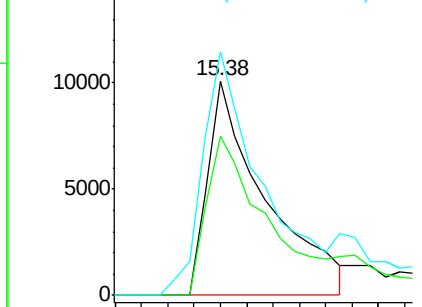


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 42.84 ng/mL
RT: 15.36 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.1	44.8	67.2	
89	75.3	56.2	84.2	
182	1.6	1.5	2.3	

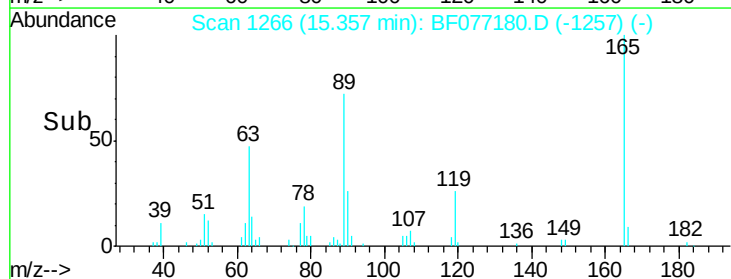
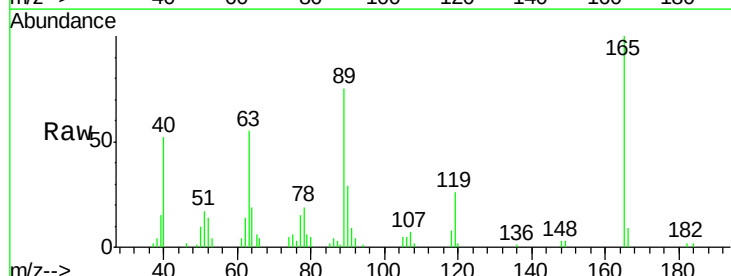
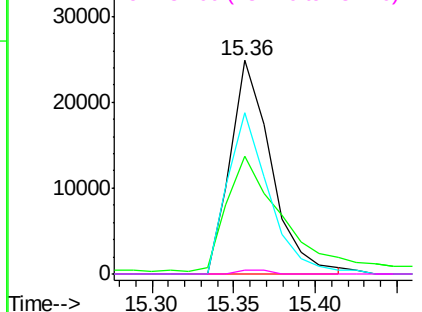
Abundance

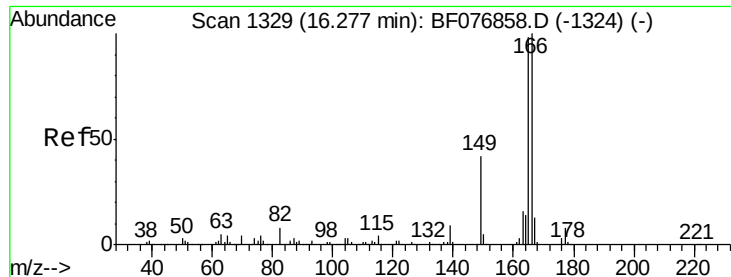
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.68 ng

RT: 15.97 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

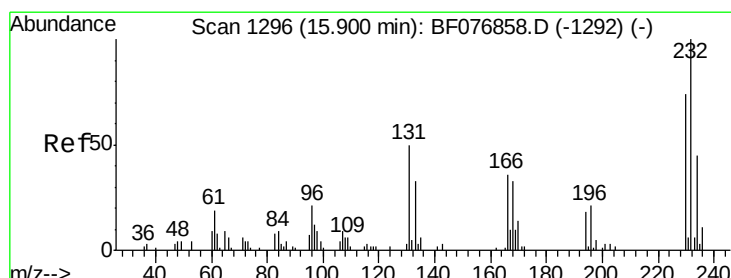
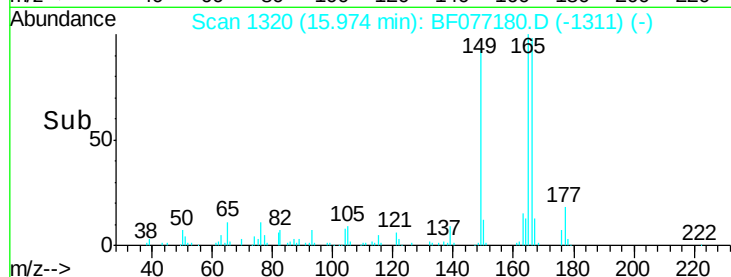
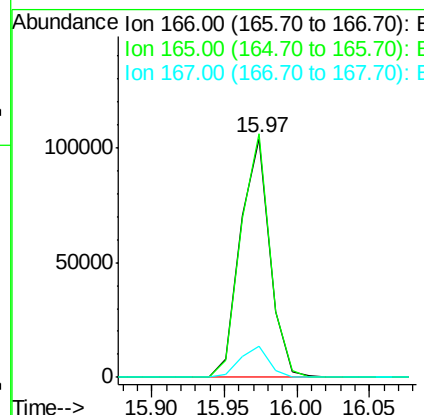
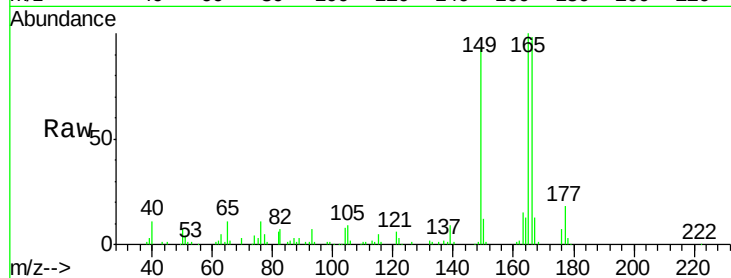
ClientSampleId :

PB81600BSD

Tot Ion:	166	Resp:	146990
Ion Ratio	Lower	Upper	
166	100		
165	102.1	78.5	117.7
167	12.8	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 32.84 ng

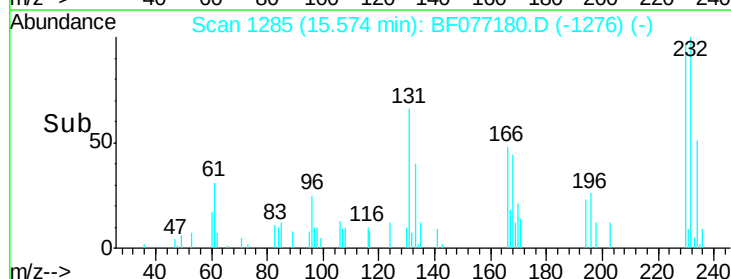
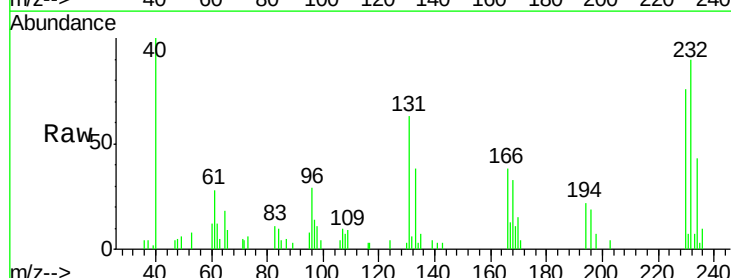
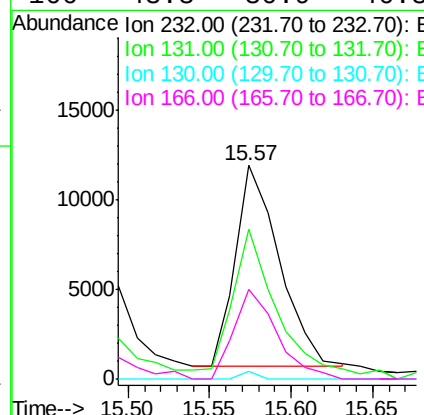
RT: 15.57 min Scan# 1285

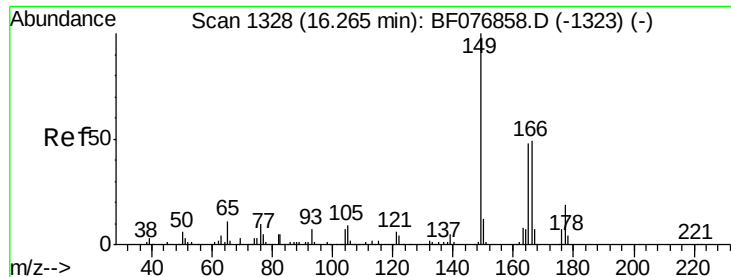
Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Tgt Ion:	232	Resp:	20995
Ion Ratio	Lower	Upper	
232	100		
131	62.9	45.0	67.6
130	1.4	2.6	3.8#
166	43.3	30.9	46.3





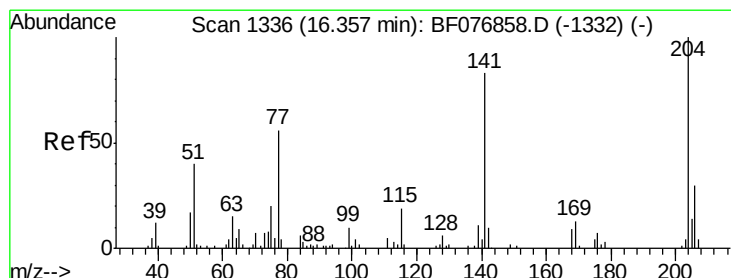
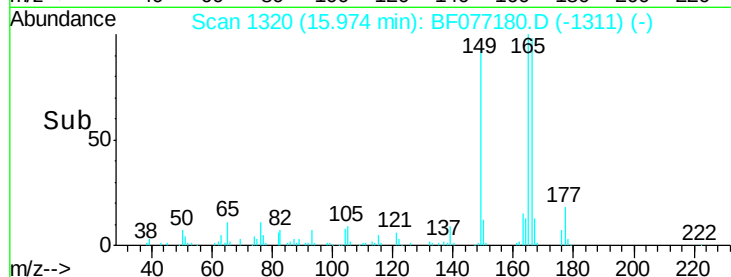
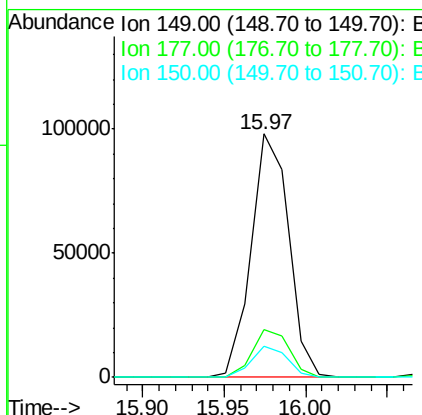
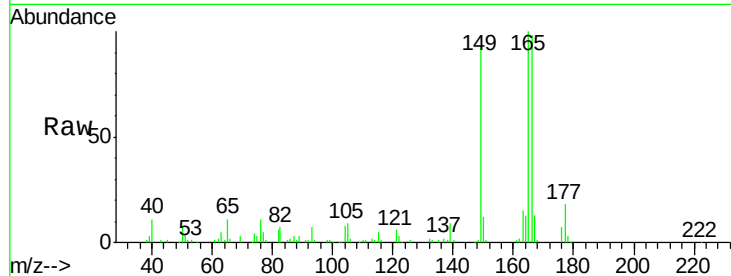
#59
Diethylphthalate
Concen: 45.89 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
PB81600BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	157190		
177	19.5	15.0	22.6	
150	12.6	9.4	14.0	

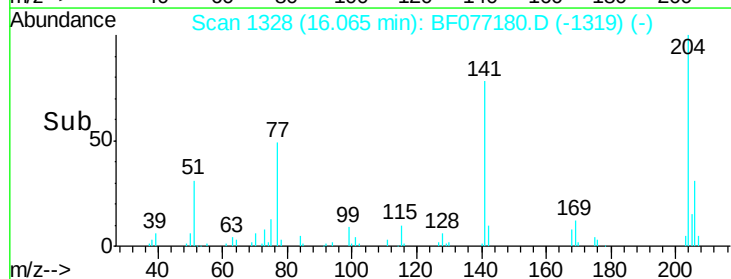
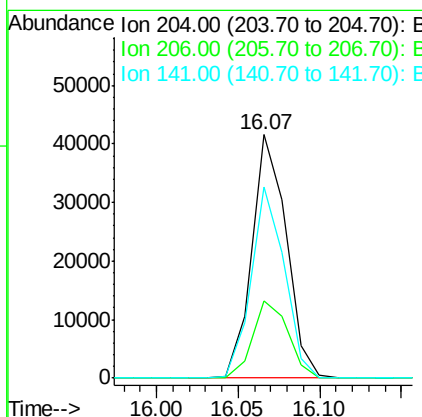
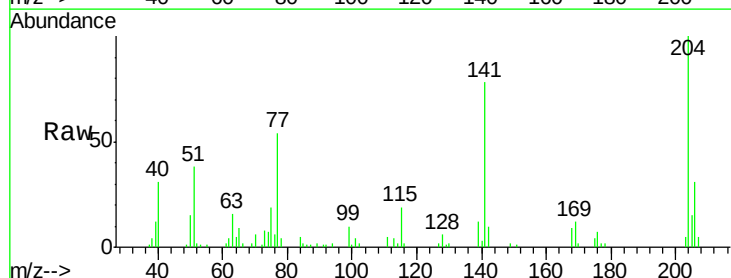
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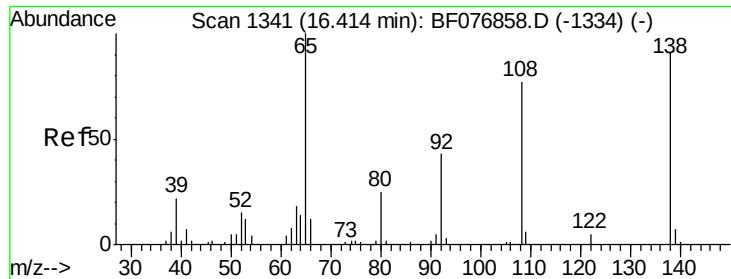
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#60
4-Chlorophenyl-phenylether
Concen: 43.36 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	61098		
206	31.5	24.2	36.2	
141	78.5	66.7	100.1	





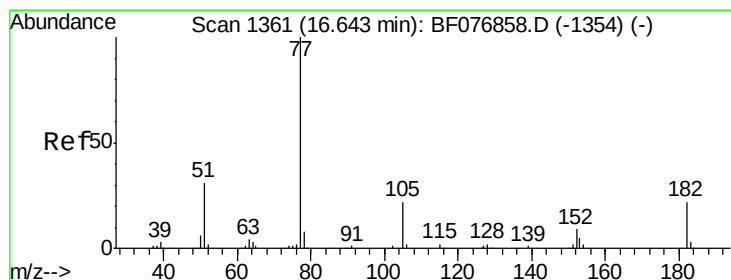
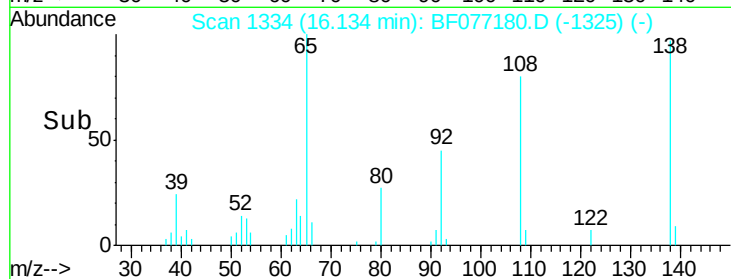
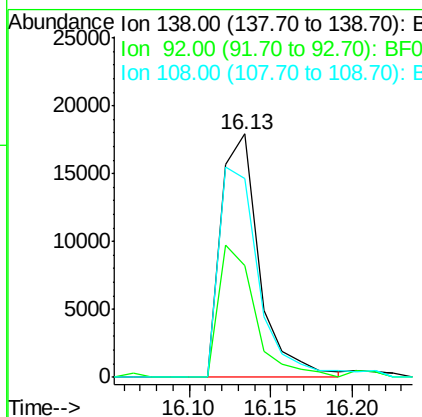
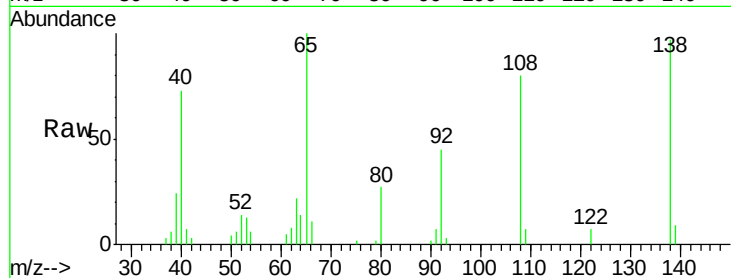
#61
 4-Nitroaniline
 Concen: 34.61 ng
 RT: 16.13 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BSD

Tot Ion:	138	Resp:	29192
Ion Ratio	Lower	Upper	
138	100		
92	46.0	26.7	66.7
108	81.6	64.5	104.5

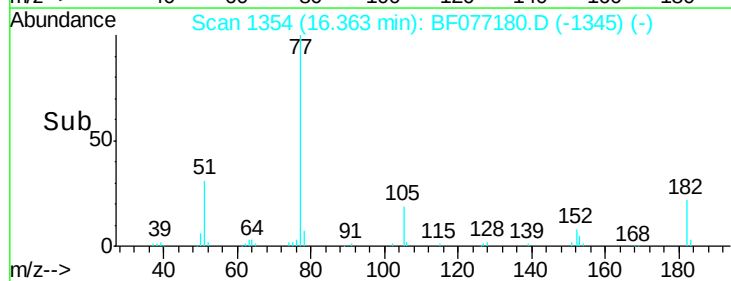
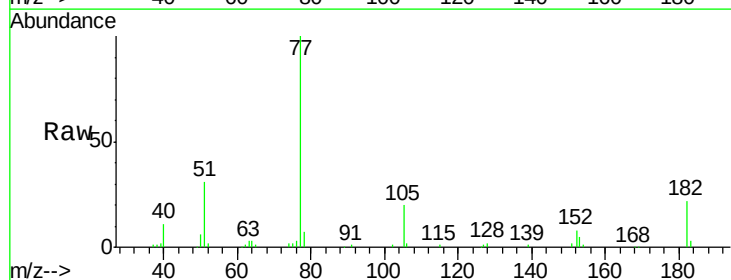
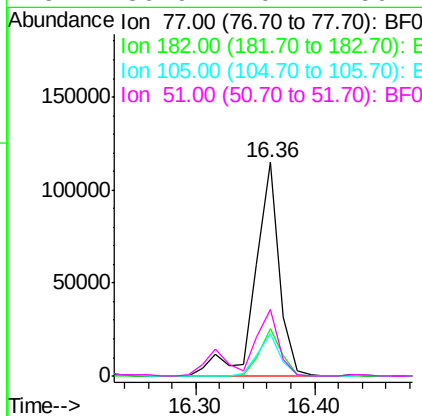
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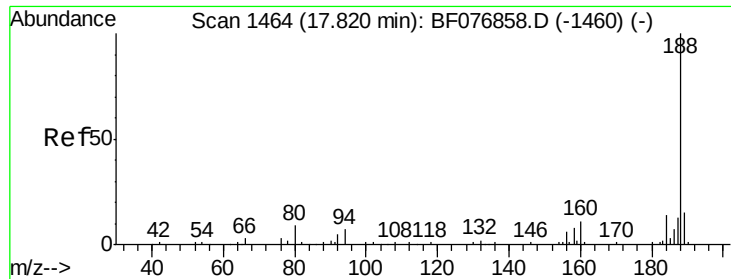
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#62
 Azobenzene
 Concen: 45.68 ng
 RT: 16.36 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Tgt Ion:	77	Resp:	163044
Ion Ratio	Lower	Upper	
77	100		
182	22.0	2.0	42.0
105	19.7	2.3	42.3
51	30.9	10.7	50.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

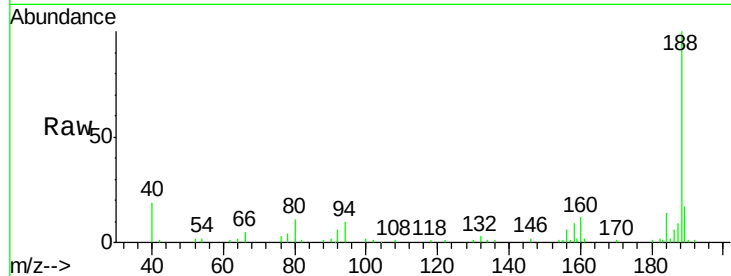
ClientSampleId :

PB81600BSD

Tot Ion:	188	Resp:	88055
Ion Ratio	Lower	Upper	
188	100		
94	10.4	6.0	9.0#
80	10.7	6.9	10.3#

Manual Integrations
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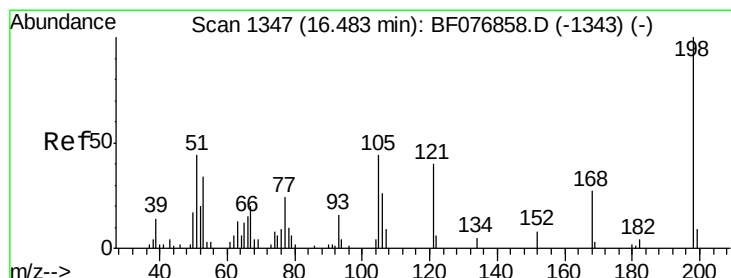
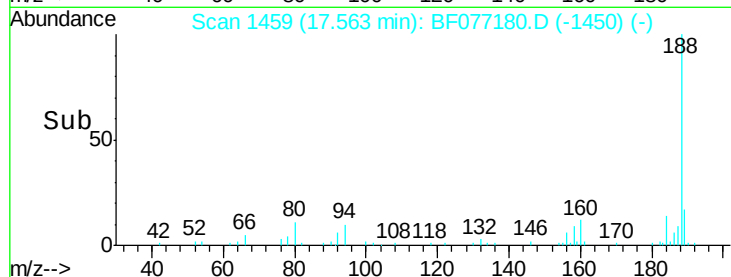
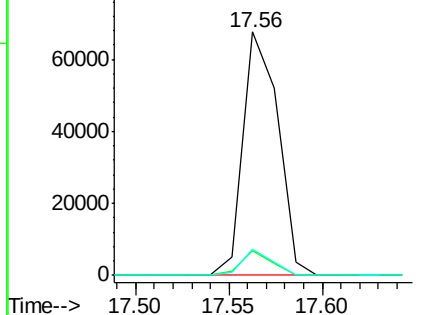
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 30.54 ng

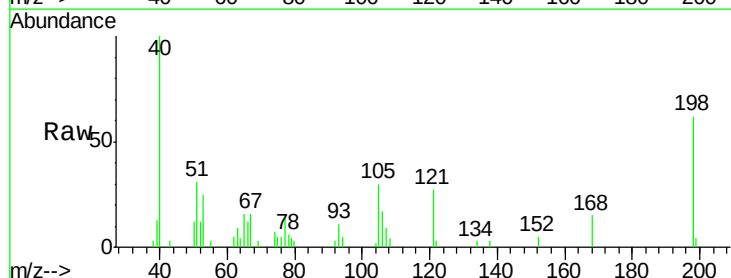
RT: 16.21 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

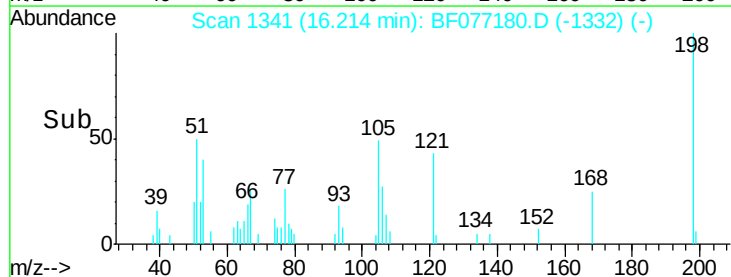
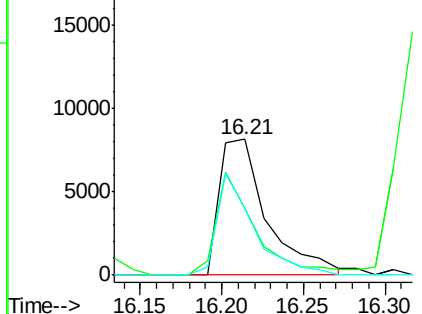
Tgt Ion:	198	Resp:	16552
Ion Ratio	Lower	Upper	
198	100		
51	49.7	24.2	64.2
105	49.0	24.0	64.0

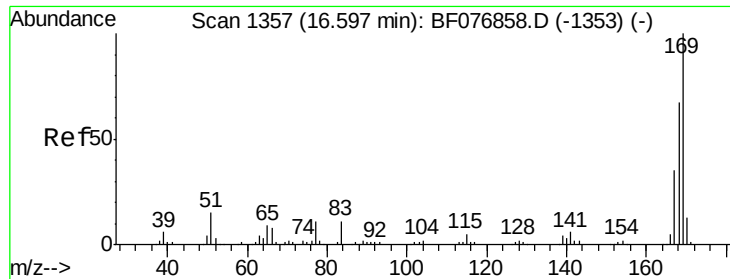


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





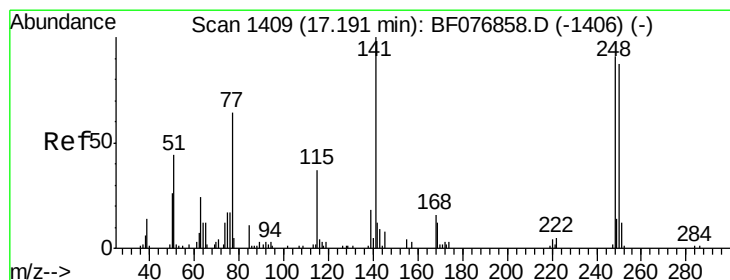
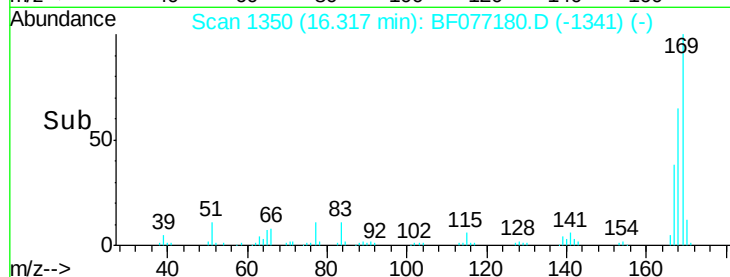
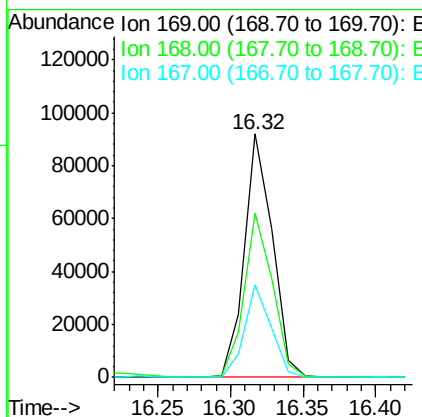
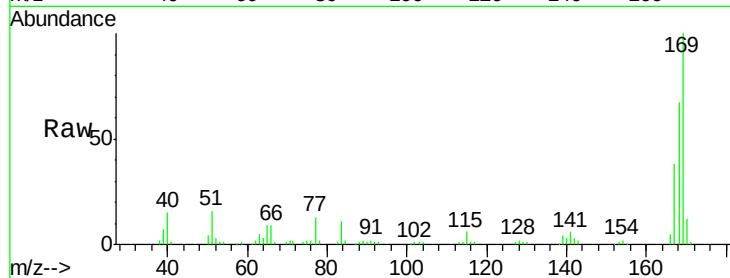
#65
n-Nitrosodiphenylamine
Concen: 39.42 ng
RT: 16.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
PB81600BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	123758		
168	67.3	53.8	80.6	
167	37.8	27.8	41.6	

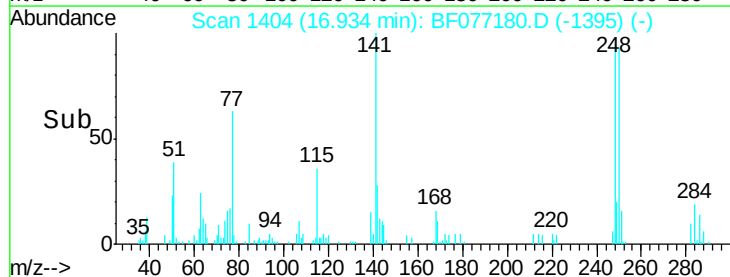
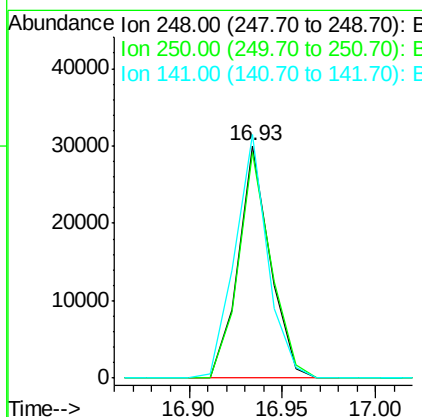
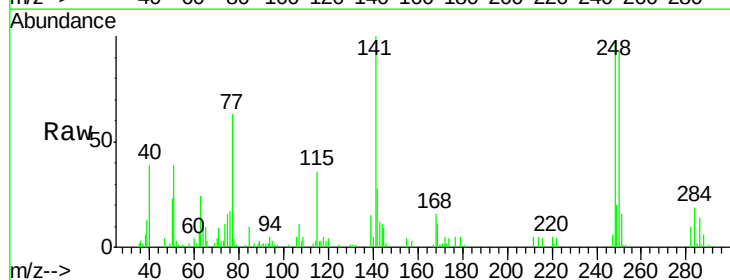
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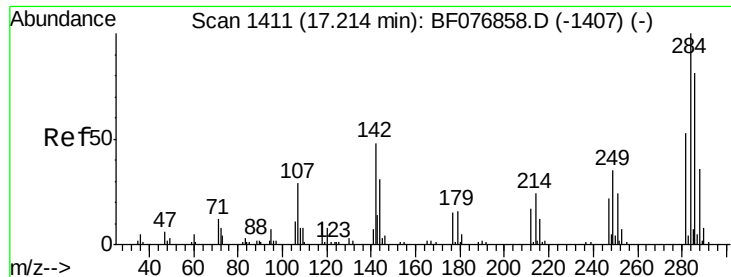
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#66
4-Bromophenyl-phenylether
Concen: 40.01 ng
RT: 16.93 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	35689		
250	96.9	77.1	115.7	
141	104.7	88.2	132.4	





#67

Hexachlorobenzene

Concen: 40.00 ng

RT: 16.95 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

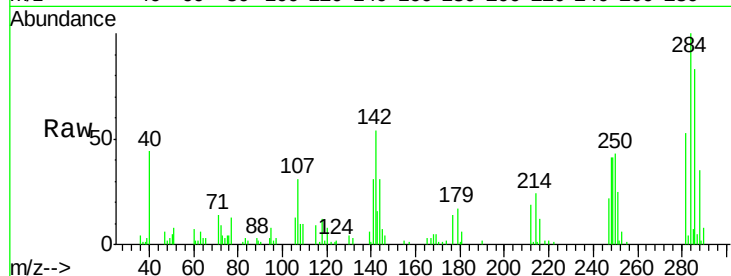
ClientSampleId :

PB81600BSD

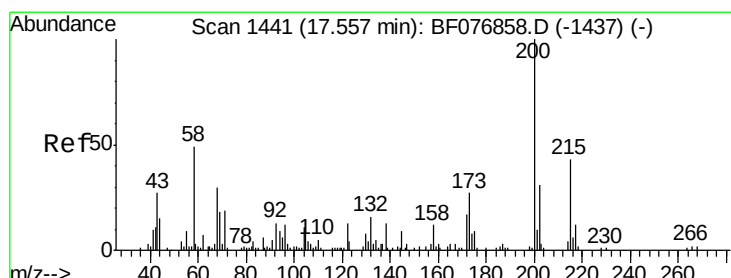
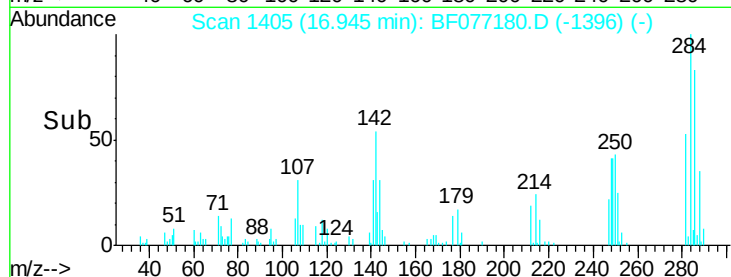
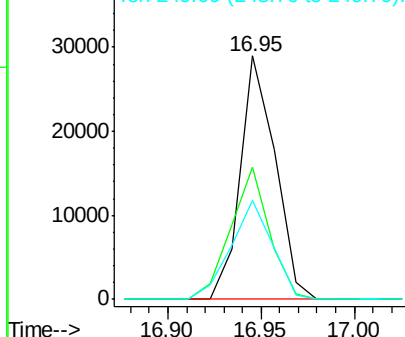
Tot Ion:	284	Resp:	37606
Ion Ratio	Lower	Upper	
284	100		
142	54.3	38.2	57.4
249	40.5	28.2	42.2

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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: 42.38 ng

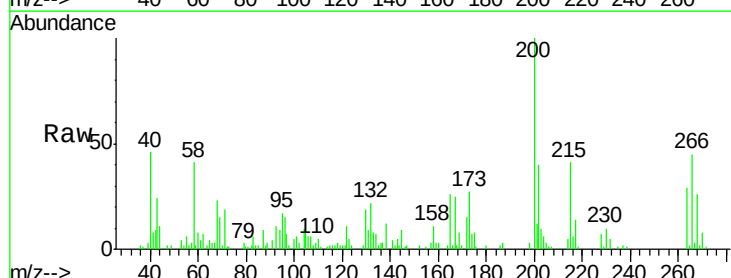
RT: 17.32 min Scan# 1438

Delta R.T. 0.00 min

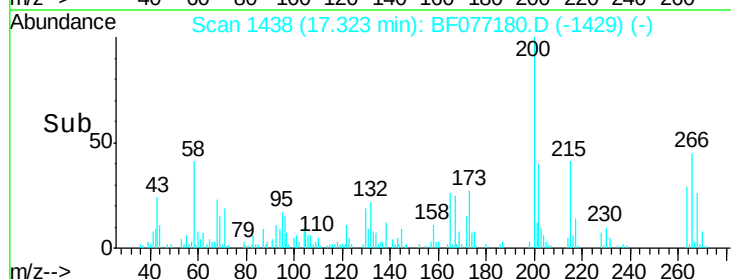
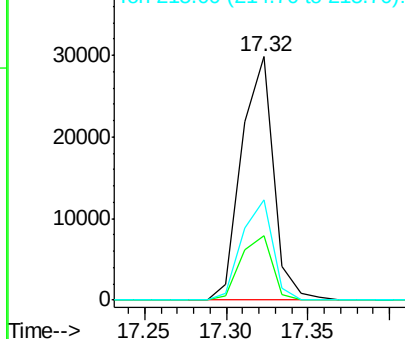
Lab File: BF077180.D

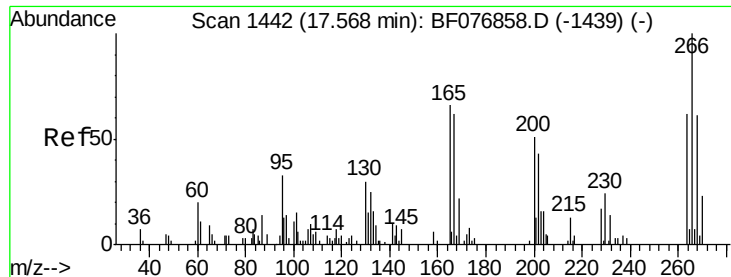
Acq: 4 Feb 2015 16:16

Tgt Ion:	200	Resp:	40380
Ion Ratio	Lower	Upper	
200	100		
173	26.7	6.6	46.6
215	41.0	22.9	62.9



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





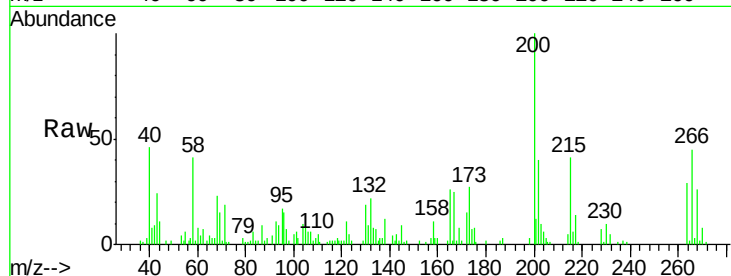
#69
 Pentachlorophenol
 Concen: 48.06 ng
 RT: 17.32 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BSD

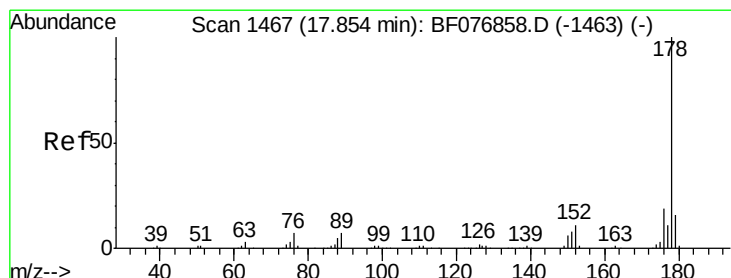
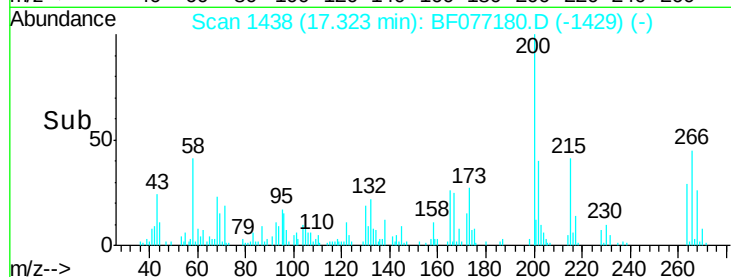
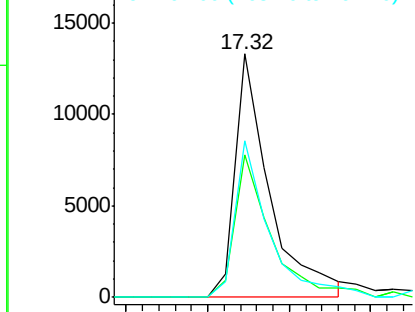
Tot Ion	Ratio	Resp	Lower	Upper
266	100	19420		
268	58.7	48.6	72.8	
264	64.2	49.5	74.3	

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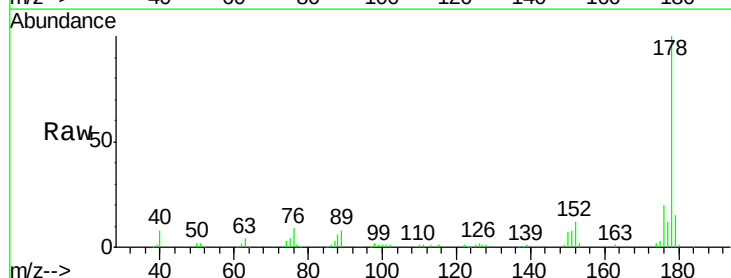


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

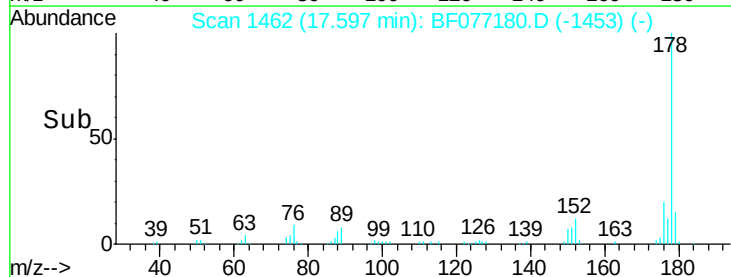
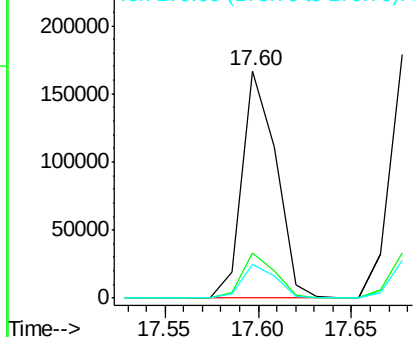


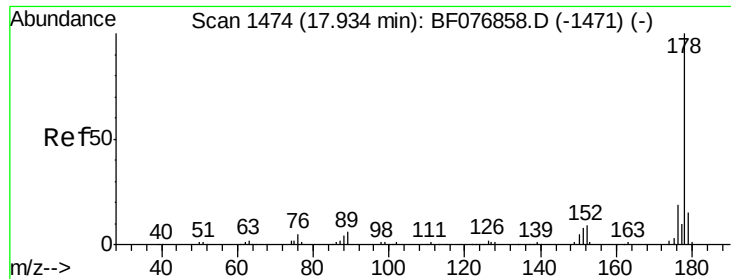
#70
 Phenanthrene
 Concen: 38.54 ng
 RT: 17.60 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	211652		
176	19.7	15.1	22.7	
179	14.9	12.7	19.1	



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





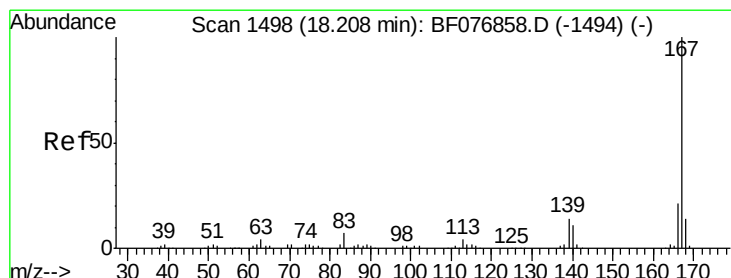
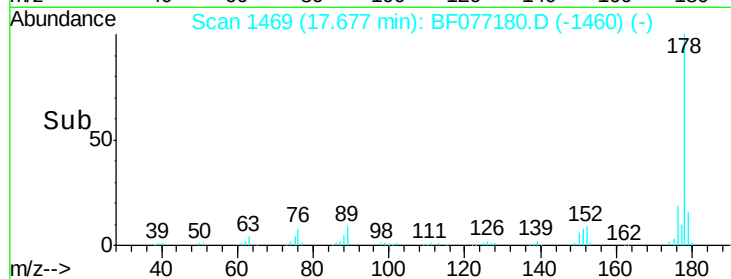
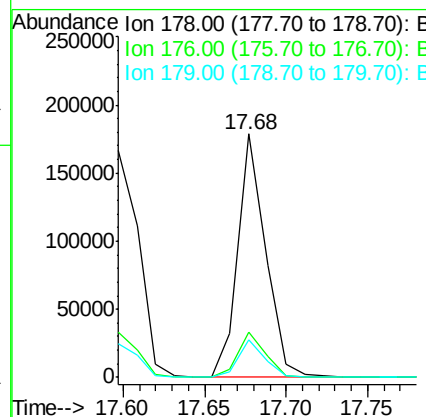
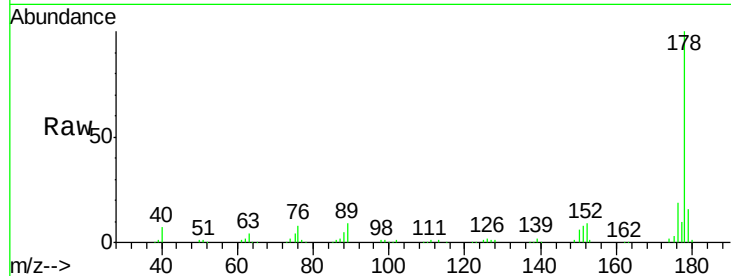
#71
 Anthracene
 Concen: 38.87 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100	208166		
176	18.7	15.4	23.0	
179	15.6	11.9	17.9	

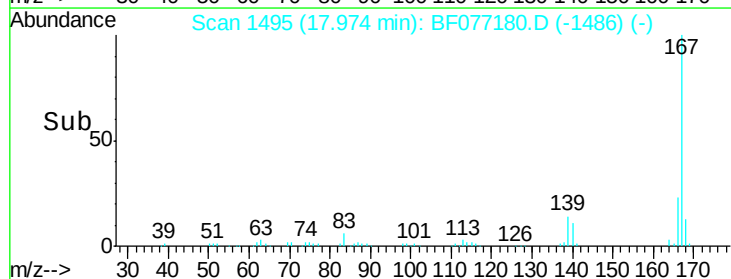
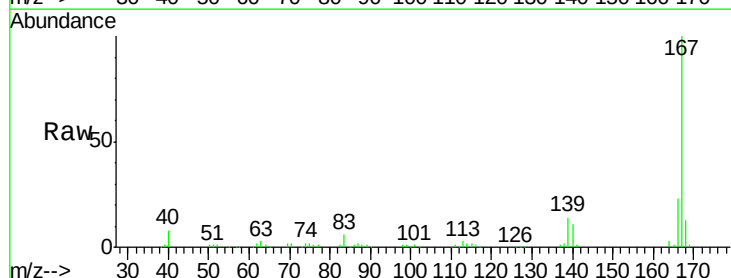
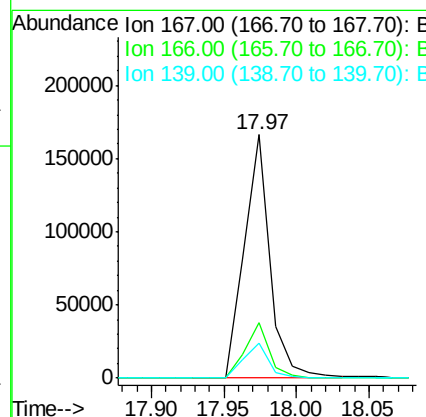
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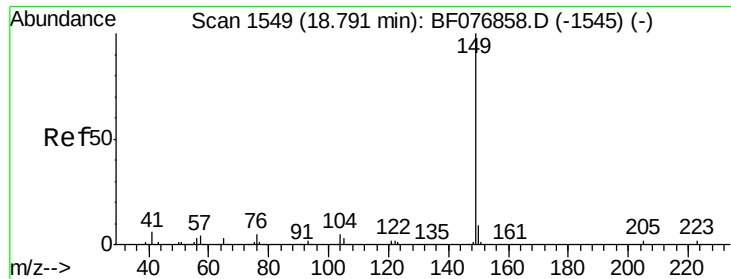
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#72
 Carbazole
 Concen: 39.29 ng
 RT: 17.97 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	204059		
166	22.6	17.0	25.6	
139	14.2	11.3	16.9	





#73

Di-n-butylphthalate

Concen: 41.56 ng

RT: 18.57 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

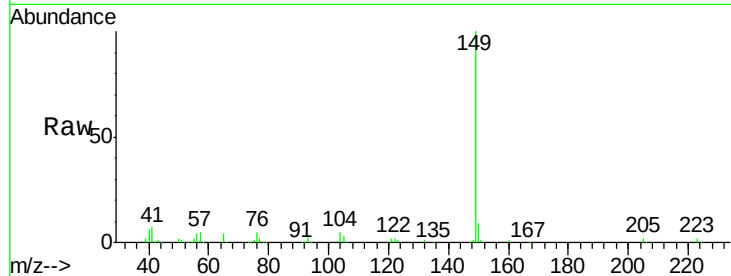
ClientSampleId :

PB81600BSD

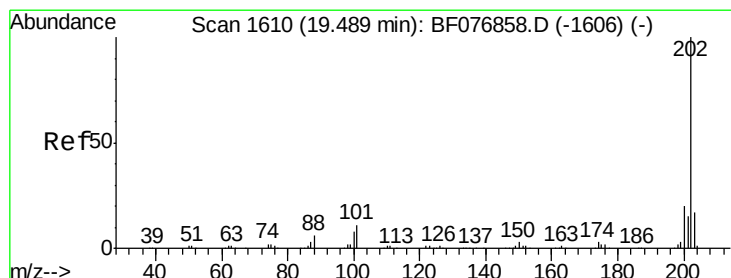
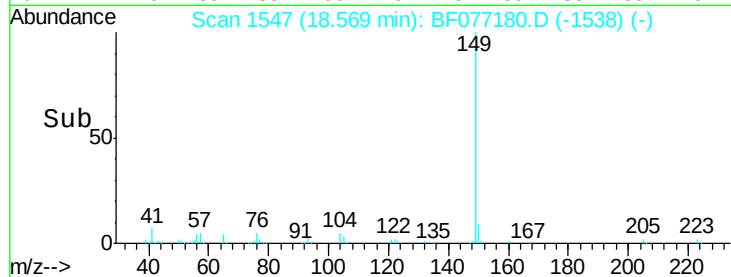
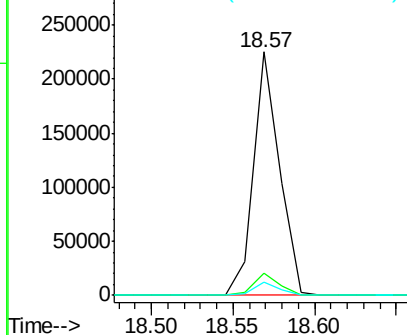
Tot Ion:	149	Resp:	249836
Ion Ratio	Lower	Upper	
149	100		
150	9.2	6.9	10.3
104	5.4	3.7	5.5

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



#74

Fluoranthene

Concen: 40.79 ng

RT: 19.25 min Scan# 1607

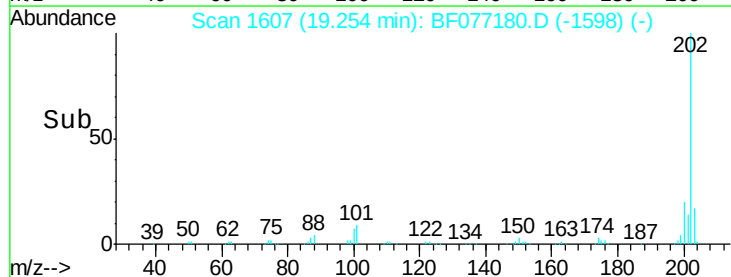
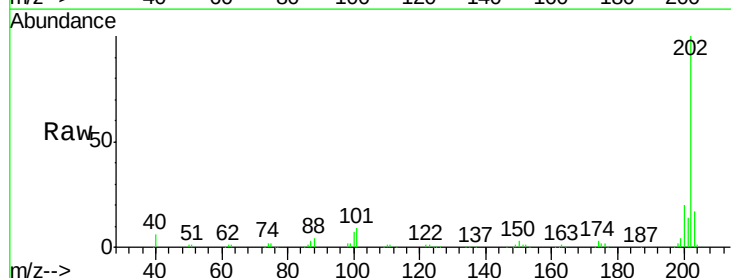
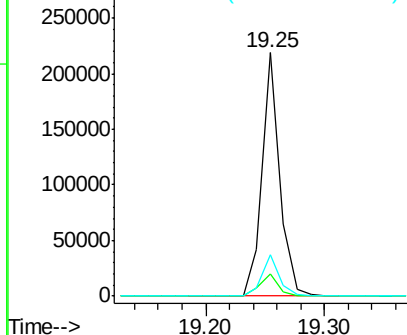
Delta R.T. 0.00 min

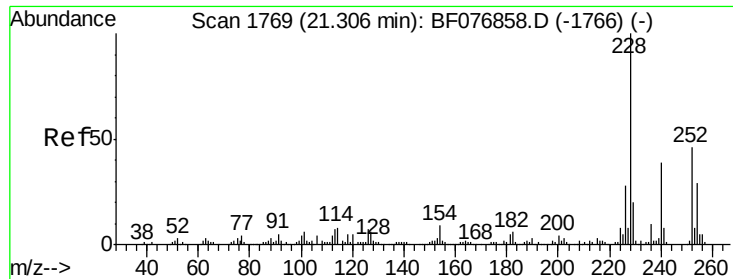
Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Tgt Ion:	202	Resp:	229512
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	30.7
203	17.0	0.0	36.9

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





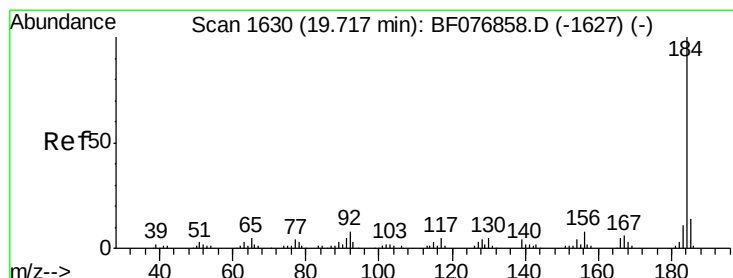
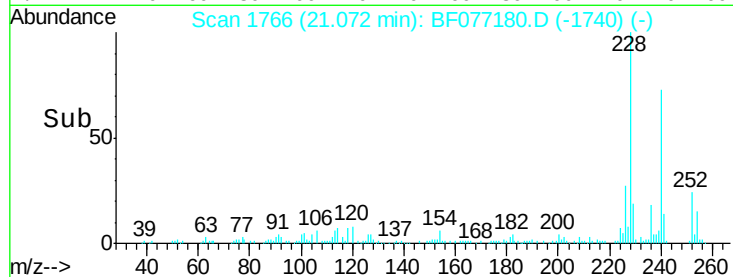
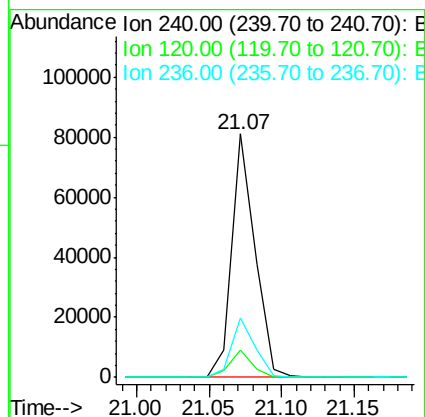
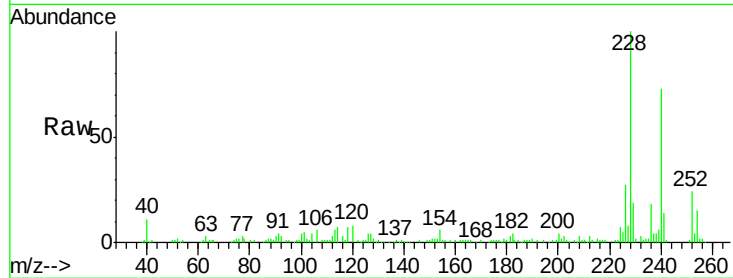
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.07 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.1	10.4	15.6	
236	24.4	20.2	30.2	

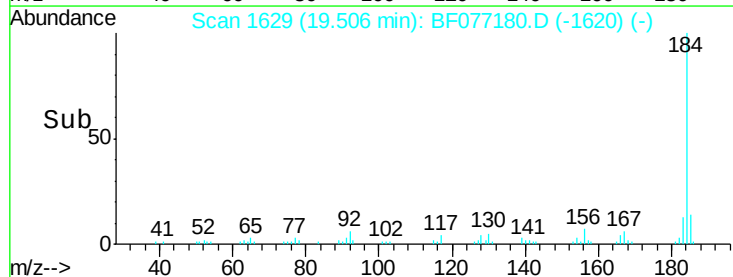
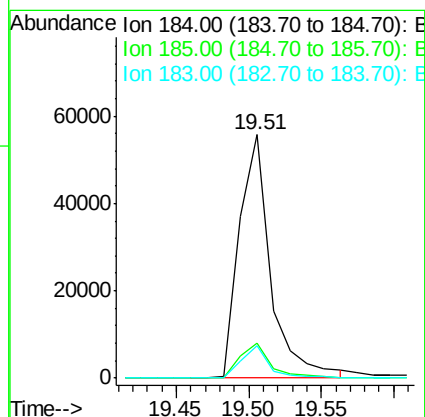
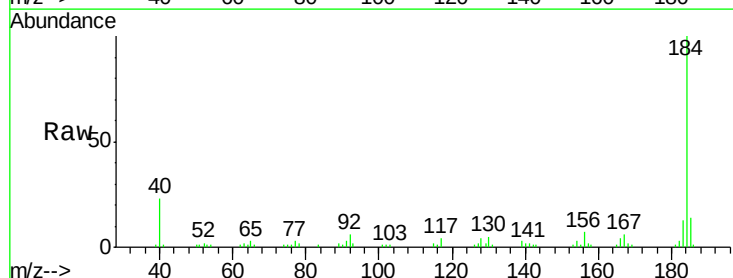
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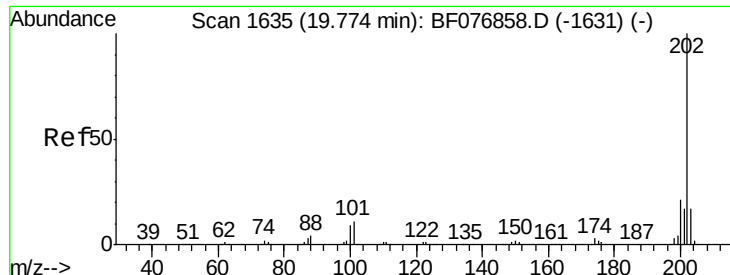
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#76
 Benzidine
 Concen: 29.02 ng
 RT: 19.51 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.3	11.4	17.2	
183	13.5	9.0	13.6	





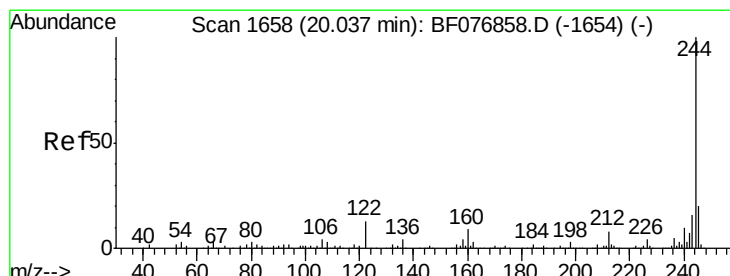
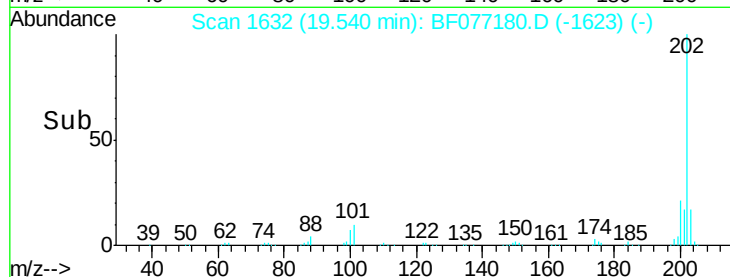
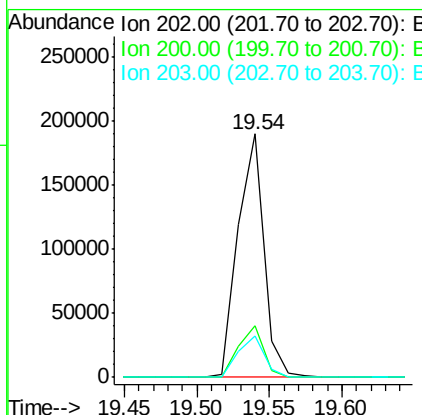
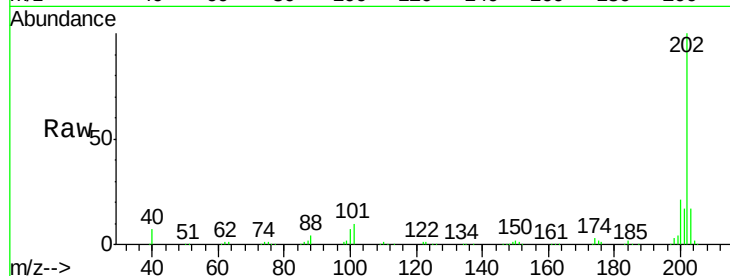
#77
 Pvrene
 Concen: 38.45 ng
 RT: 19.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	16.8	14.0	21.0

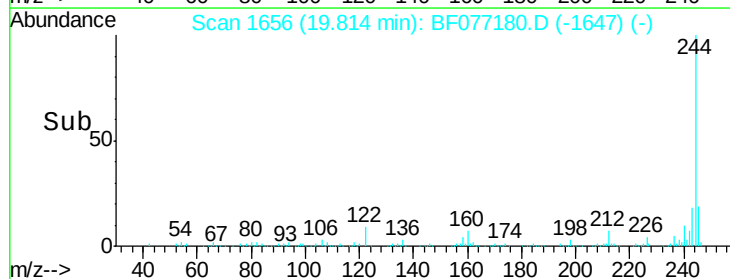
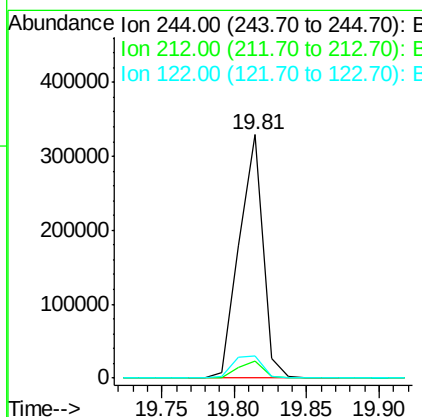
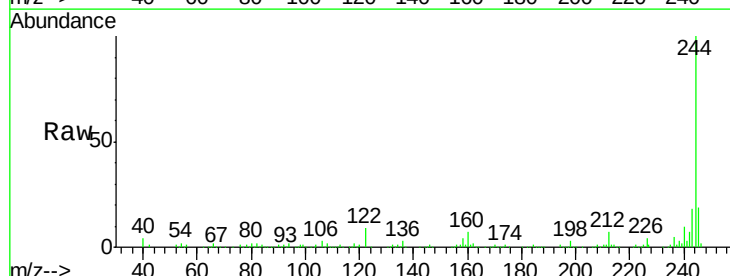
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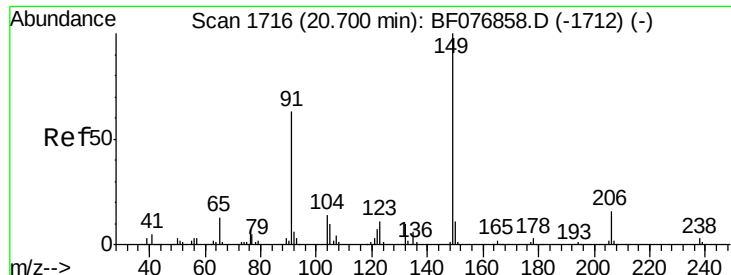
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#78
 Terphenyl-d14
 Concen: 95.74 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	9.2	10.1	15.1#





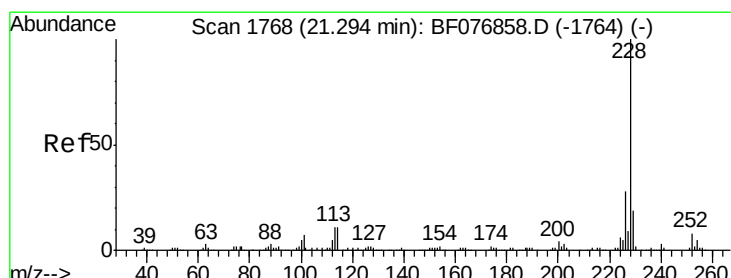
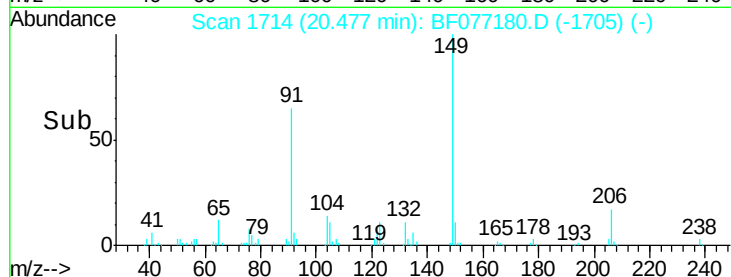
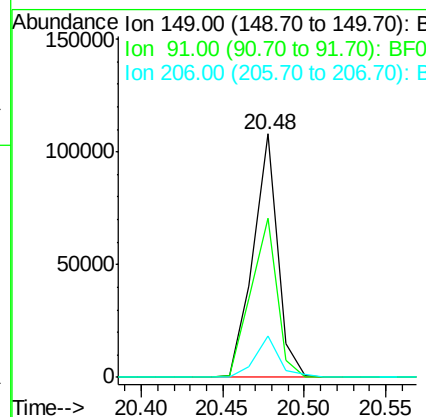
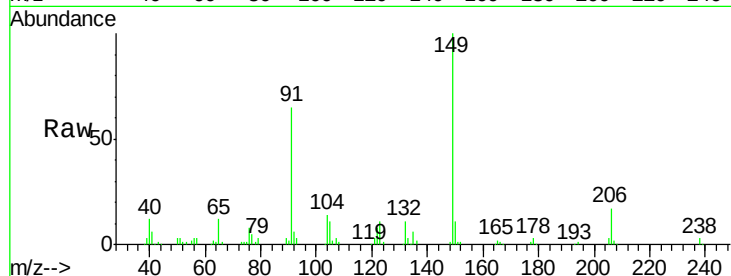
#79
Butylbenzylphthalate
Concen: 40.43 ng
RT: 20.48 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
PB81600BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	113020		
91	65.3	50.6	76.0	
206	16.8	12.8	19.2	

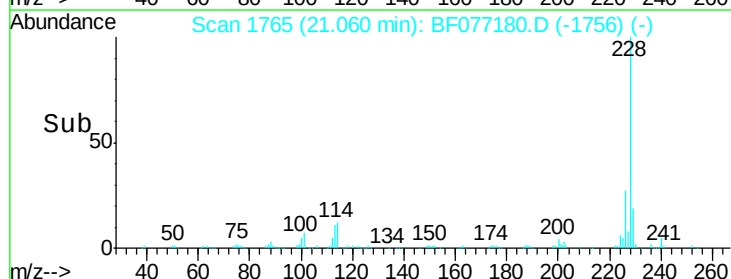
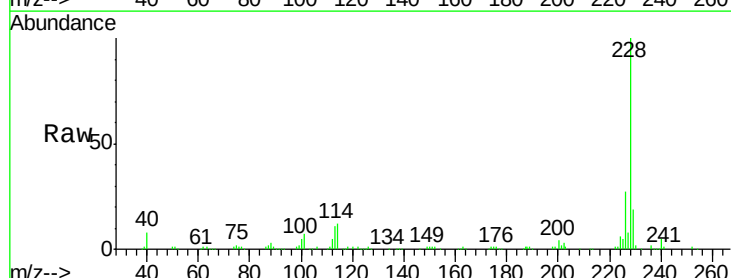
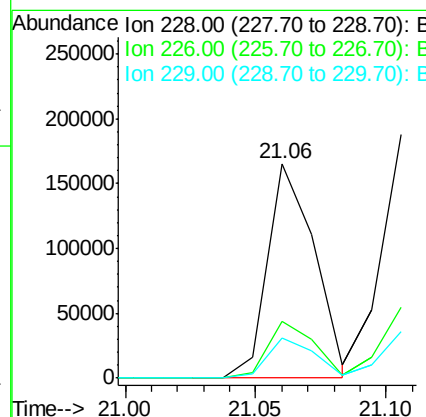
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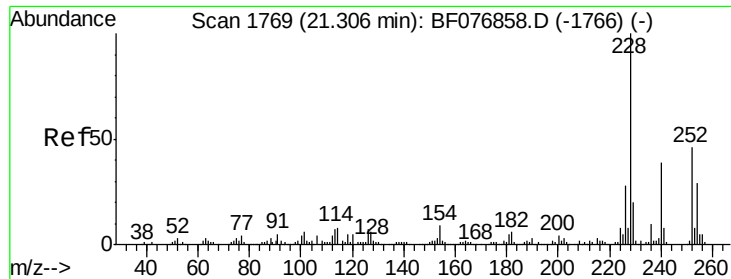
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#80
Benzo(a)anthracene
Concen: 36.67 ng
RT: 21.06 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	207206		
226	26.5	22.1	33.1	
229	18.6	15.5	23.3	





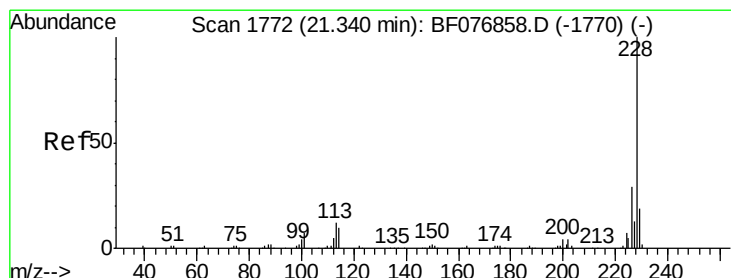
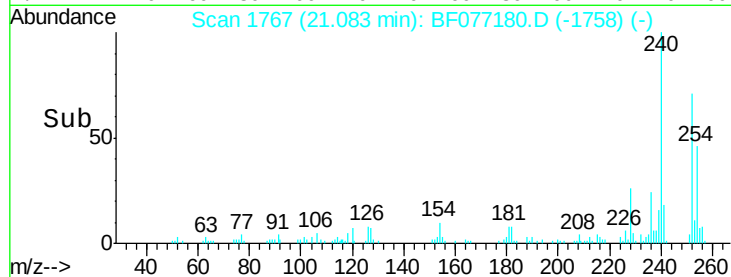
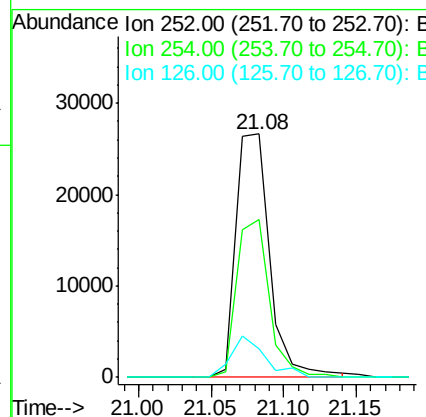
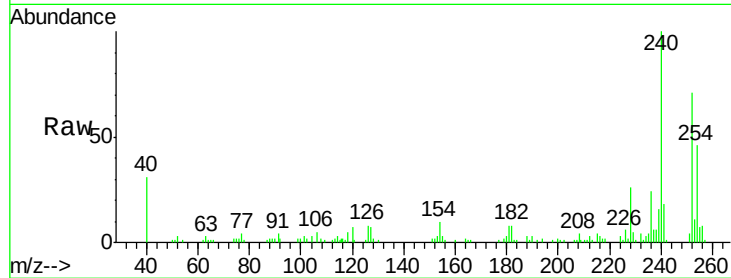
#81
 3,3'-Dichlorobenzidine
 Concen: 24.12 ng
 RT: 21.08 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.2	75.4
126	11.5	11.5	17.3

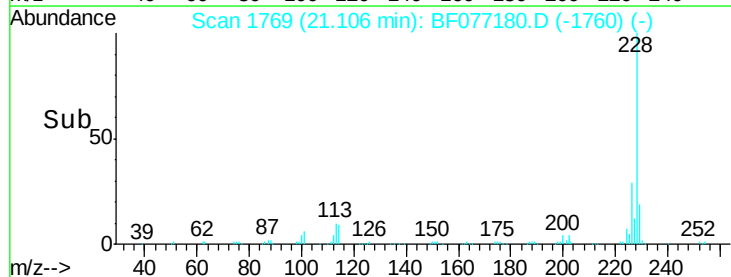
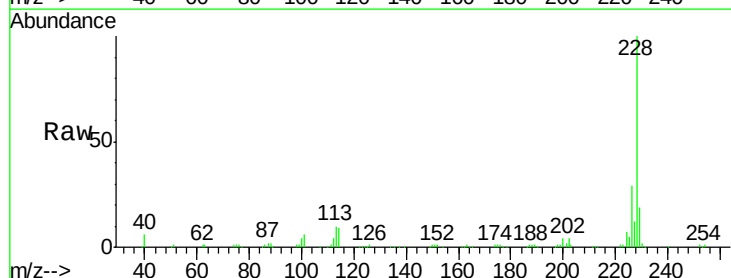
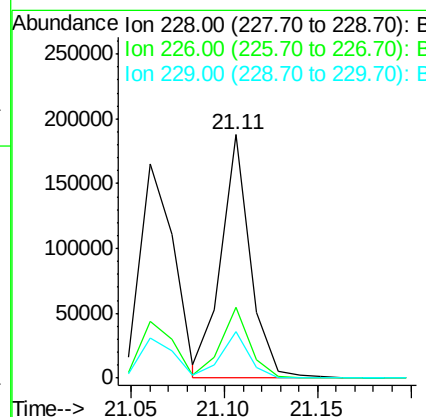
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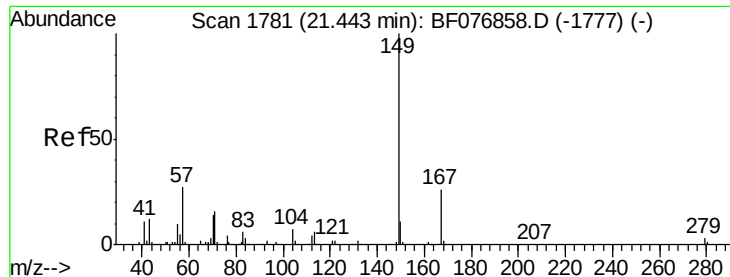
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#82
 Chrysene
 Concen: 39.61 ng
 RT: 21.11 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.0
229	19.2	15.4	23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.31 ng

RT: 21.22 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

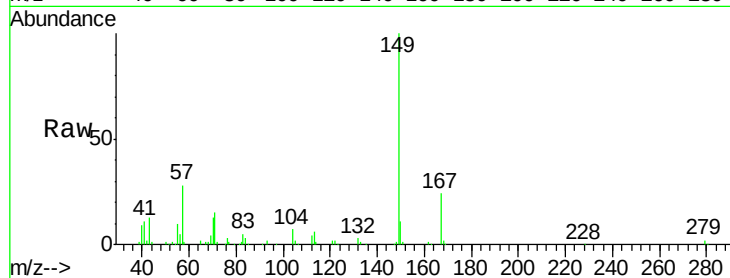
ClientSampleId :

PB81600BSD

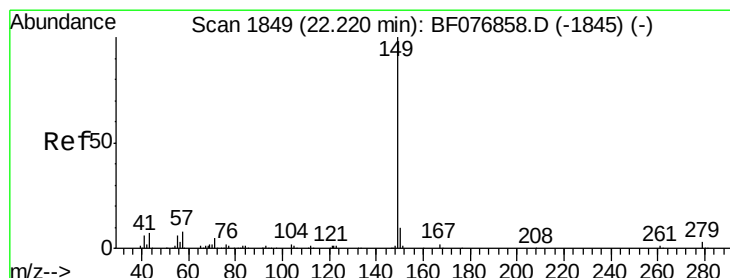
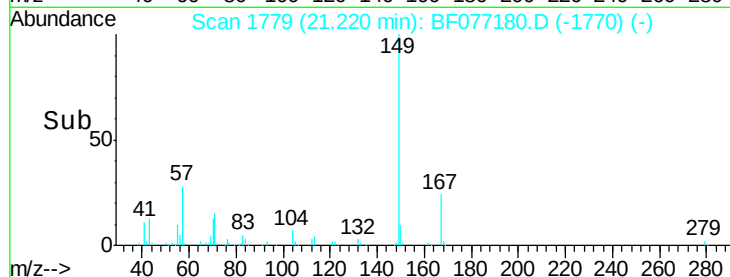
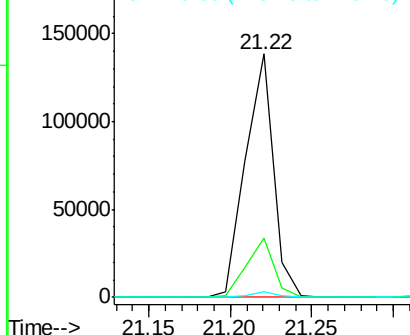
Tot Ion:	149	Resp:	163662
Ion Ratio	Lower	Upper	
149	100		
167	24.4	20.6	30.8
279	2.2	2.2	3.2

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



#84

Di-n-octyl phthalate

Concen: 41.09 ng

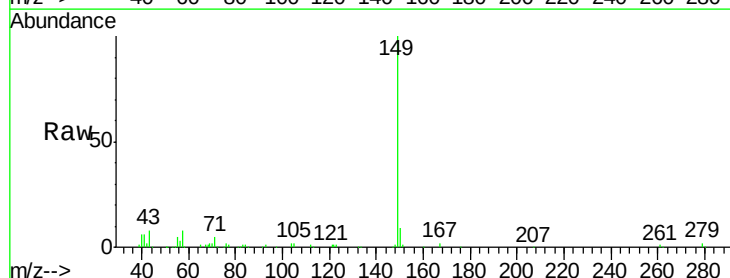
RT: 21.99 min Scan# 1846

Delta R.T. 0.00 min

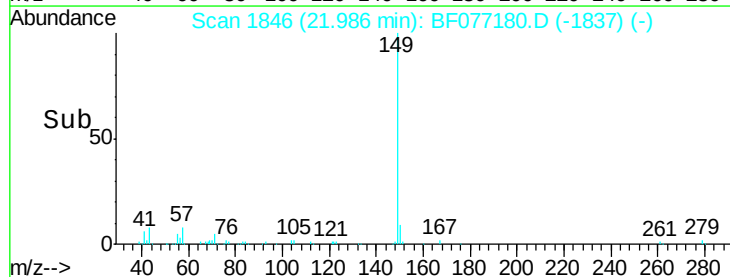
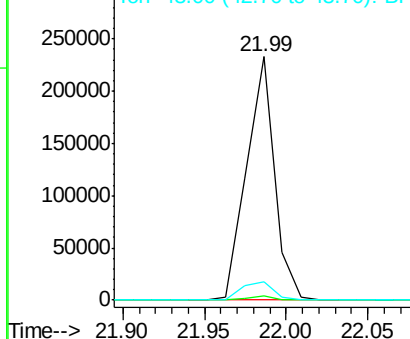
Lab File: BF077180.D

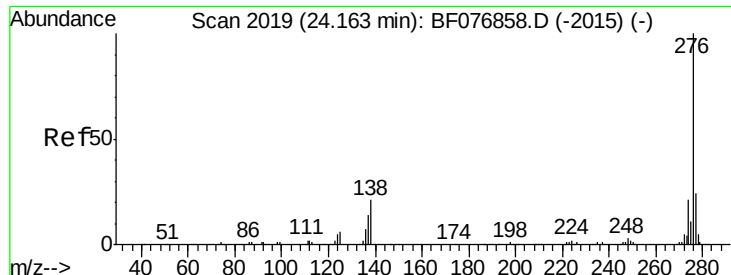
Acq: 4 Feb 2015 16:16

Tgt Ion:	149	Resp:	275850
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	8.8	6.6	10.0



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





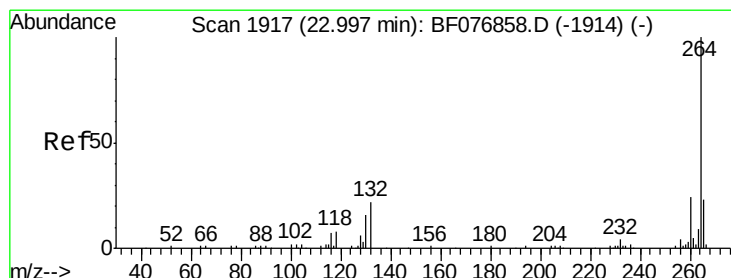
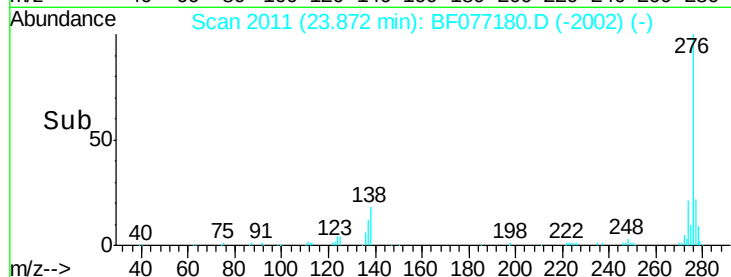
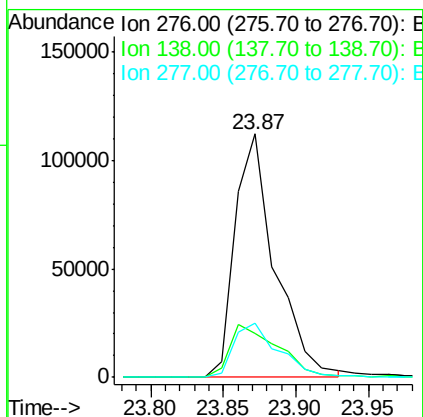
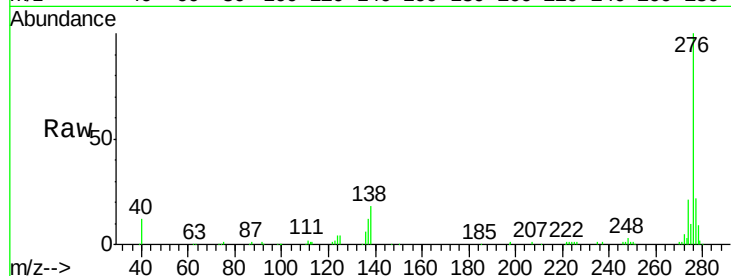
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.30 ng
RT: 23.87 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
PB81600BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	14.6	22.0#
277	24.7	14.8	22.2#

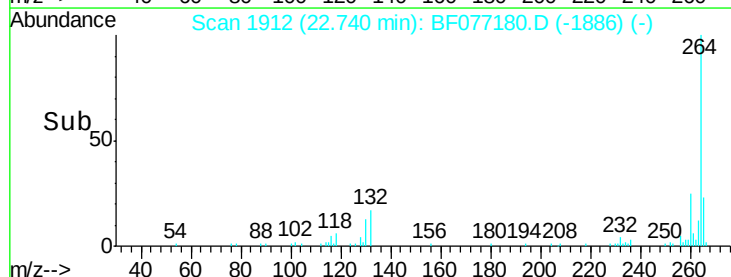
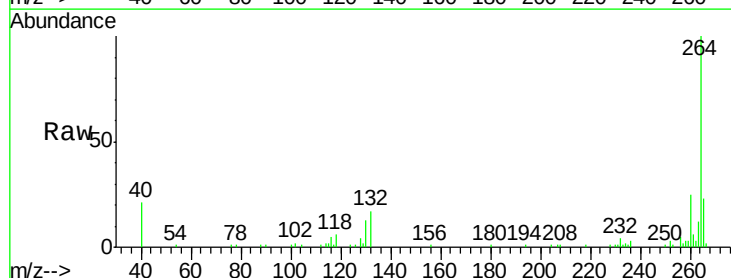
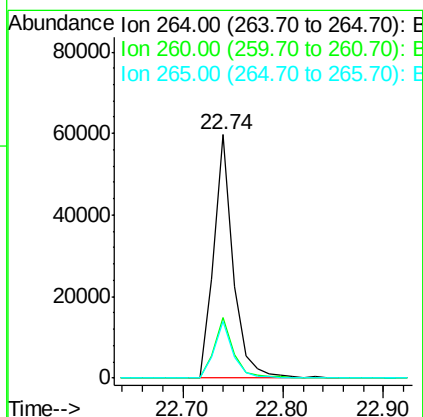
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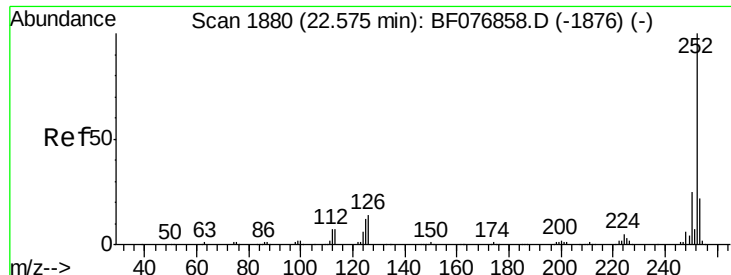
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#86
Perylene-d12
Concen: 20.00 ng
RT: 22.74 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.4
265	23.3	18.1	27.1





#87

Benzo(b)fluoranthene

Concen: 35.02 ng m

RT: 22.32 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Instrument :

BNA_F

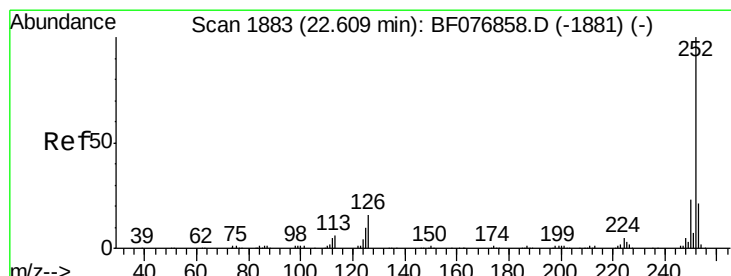
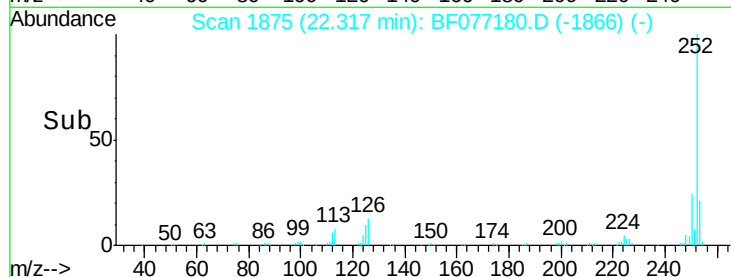
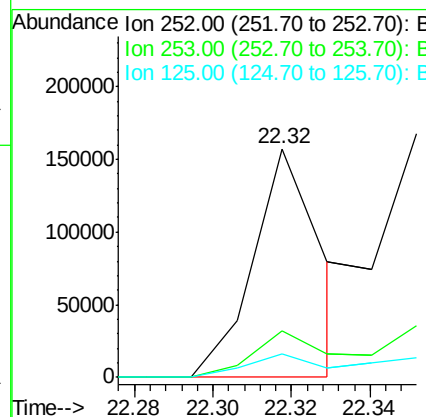
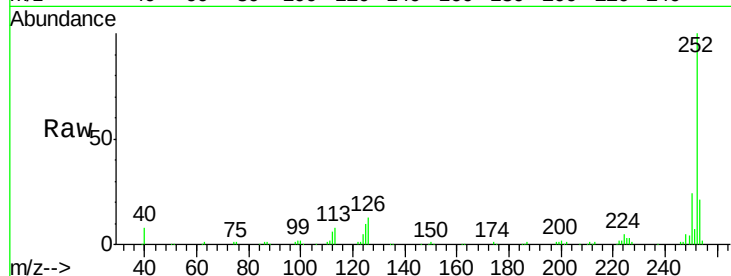
ClientSampleId :

PB81600BSD

Tot Ion:	252	Resp:	188844
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.5	26.3
125	10.1	9.4	14.0

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#88

Benzo(k)fluoranthene

Concen: 44.53 ng m

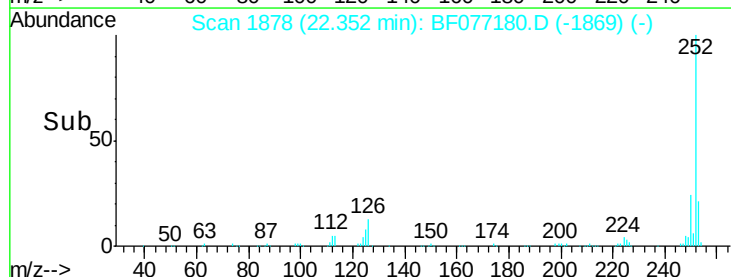
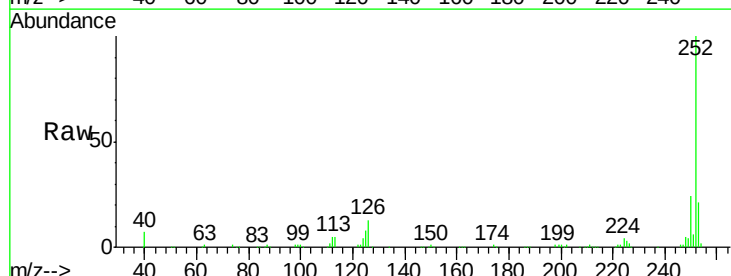
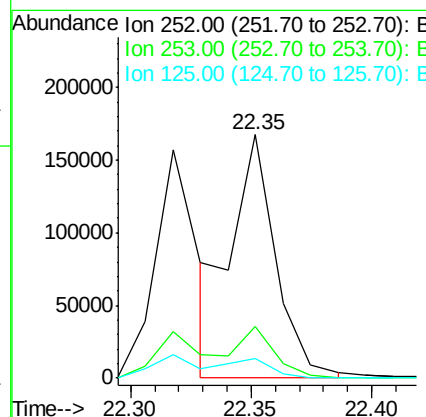
RT: 22.35 min Scan# 1878

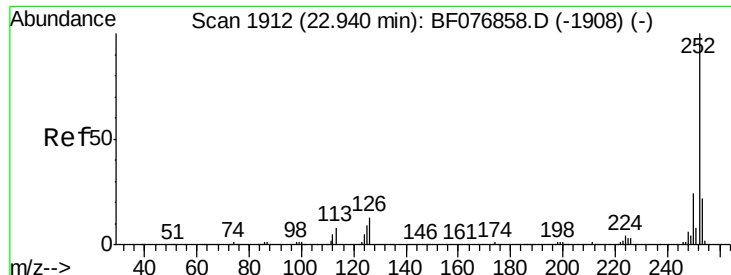
Delta R.T. 0.00 min

Lab File: BF077180.D

Acq: 4 Feb 2015 16:16

Tgt Ion:	252	Resp:	209766
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.2	25.8
125	8.1	7.1	10.7





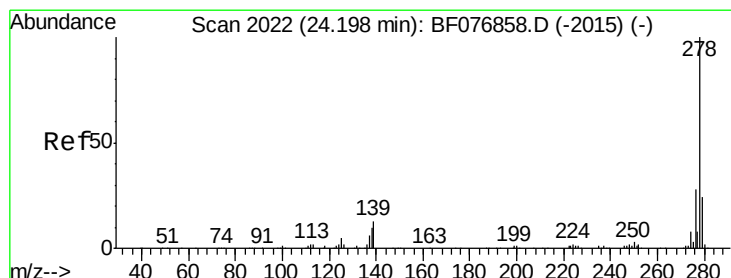
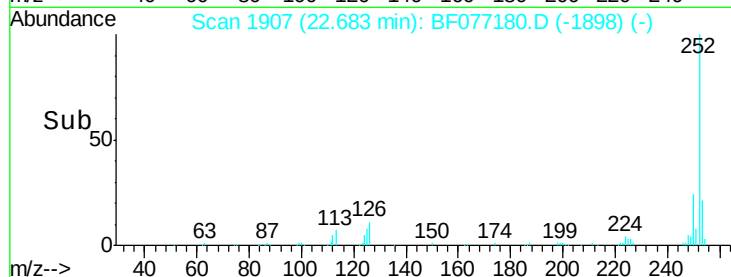
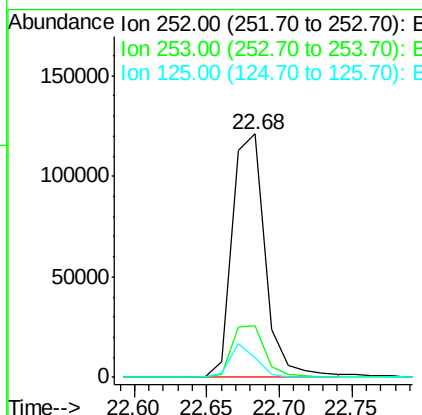
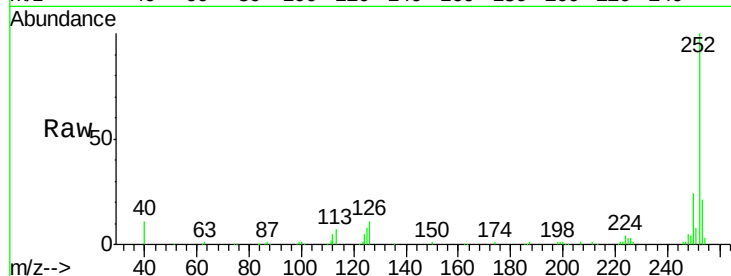
#89
Benzo(a)pyrene
Concen: 40.15 ng
RT: 22.68 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
PB81600BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	8.2	7.2	10.8

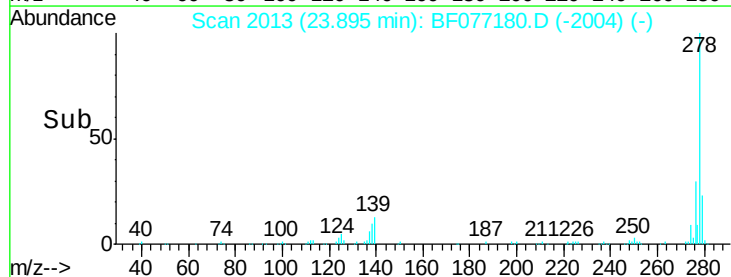
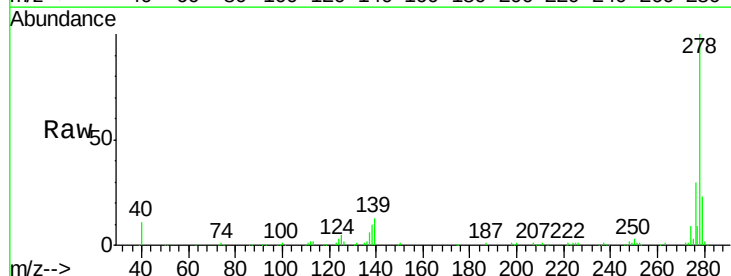
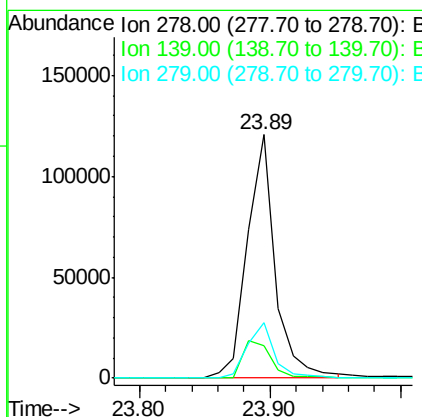
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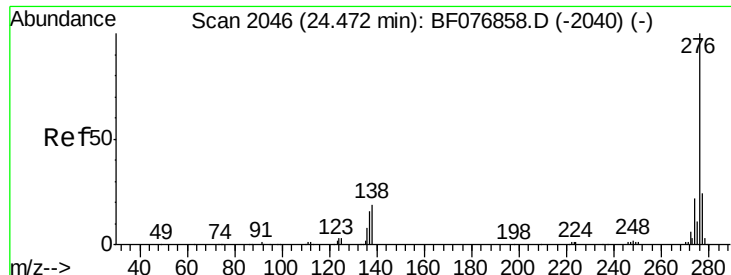
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#90
Dibenzo(a,h)anthracene
Concen: 41.26 ng
RT: 23.89 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF077180.D
Acq: 4 Feb 2015 16:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.5	15.7
279	22.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 40.84 ng
 RT: 24.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF077180.D
 Acq: 4 Feb 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.0	19.5	29.3
138	25.7	15.0	22.6

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