

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
 Data File : BF076963.D
 Acq On : 20 Jan 2015 15:37
 Operator : IZ / TP
 Sample : PB81407BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81407BS

Manual Integrations
 APPROVED

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 1/21/2015 5:29:44 PM

Quant Time: Jan 21 00:36:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 00:26:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	31400	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	125524	20.00	ng	0.00
38) Acenaphthene-d10	14.95	164	68854	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	113988	20.00	ng	0.00
75) Chrysene-d12	21.24	240	112557	20.00	ng	0.00
86) Perylene-d12	22.87	264	99053	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.97	112	225312	117.98	ng	0.00
7) Phenol-d6	7.32	99	276805	114.89	ng	0.00
23) Nitrobenzene-d5	9.21	82	170952	75.45	ng	0.00
41) 2,4,6-Tribromophenol	16.63	330	69651	124.62	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	355170	78.50	ng	0.00
78) Terphenyl-d14	19.97	244	393583	80.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.26	88	28544	34.91	ng	# 78
3) Pyridine	1.74	79	67443	31.87	ng	98
4) n-Nitrosodimethylamine	1.69	42	36472	34.79	ng	99
6) Aniline	7.20	93	66407	19.92	ng	95
8) 2-Chlorophenol	7.44	128	80429	36.53	ng	93
9) Benzaldehyde	6.92	77	21058	13.33	ng	91
10) Phenol	7.34	94	98644	38.56	ng	94
11) bis(2-Chloroethyl)ether	7.45	93	78827	39.38	ng	# 79
12) 1,3-Dichlorobenzene	7.76	146	92316	36.85	ng	96
13) 1,4-Dichlorobenzene	7.94	146	93439	35.18	ng	96
14) 1,2-Dichlorobenzene	8.26	146	88076	35.99	ng	99
15) Benzyl Alcohol	8.34	79	72054	36.96	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	100604	37.39	ng	97
17) 2-Methylphenol	8.70	107	65940	36.65	ng	93
18) Hexachloroethane	9.01	117	34650	37.50	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	59905	35.52	ng	96
20) 3+4-Methylphenols	9.08	107	86082	36.13	ng	97
22) Acetophenone	8.90	105	121983	39.68	ng	98
24) Nitrobenzene	9.25	77	91934	39.83	ng	96
25) Isophorone	9.85	82	160166	38.82	ng	95
26) 2-Nitrophenol	9.99	139	43406	37.14	ng	# 87
27) 2,4-Dimethylphenol	10.28	122	73484	41.17	ng	97
28) bis(2-Chloroethoxy)methane	10.48	93	97364	41.51	ng	99
29) 2,4-Dichlorophenol	10.60	162	70813	42.57	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	74547	40.35	ng	98
31) Naphthalene	10.87	128	246026	38.07	ng	98
32) Benzoic acid	10.62	122	43283m	43.77	ng	
33) 4-Chloroaniline	11.11	127	57747	22.11	ng	98
34) Hexachlorobutadiene	11.24	225	40977	37.38	ng	95
35) Caprolactam	11.94	113	16592	33.88	ng	# 73
36) 4-Chloro-3-methylphenol	12.41	107	78207	41.06	ng	98
37) 2-Methylnaphthalene	12.53	142	173003	39.20	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	66449	39.03	ng	98
40) Hexachlorocyclopentadiene	12.92	237	73343	80.03	ng	95

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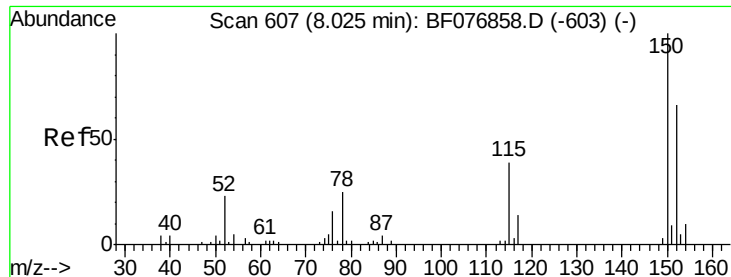
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	48555	39.15	ng	89
43) 2,4,5-Trichlorophenol	13.36	196	52048	41.14	ng	97
45) 1,1'-Biphenyl	13.67	154	202817	39.73	ng	98
46) 2-Chloronaphthalene	13.65	162	166241	39.58	ng	96
47) 2-Nitroaniline	13.99	65	53646	42.10	ng	96
48) Acenaphthylene	14.61	152	267549	37.76	ng	100
49) Dimethylphthalate	14.55	163	200381	41.04	ng	99
50) 2,6-Dinitrotoluene	14.64	165	40709	41.73	ng	# 91
51) Acenaphthene	15.03	154	149550	37.20	ng	94
52) 3-Nitroaniline	14.99	138	34508	27.88	ng	94
53) 2,4-Dinitrophenol	15.27	184	33410	74.01	ng	96
54) Dibenzofuran	15.45	168	237362	40.53	ng	100
55) 4-Nitrophenol	15.58	139	65710	85.85	ng	92
56) 2,4-Dinitrotoluene	15.58	165	57805	39.90	ng	# 88
57) Fluorene	16.17	166	190868	38.47	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.79	232	40747	44.24	ng	# 96
59) Diethylphthalate	16.17	149	206918	41.93	ng	98
60) 4-Chlorophenyl-phenylether	16.27	204	81488	40.14	ng	95
61) 4-Nitroaniline	16.31	138	42061	34.61	ng	96
62) Azobenzene	16.55	77	204807	39.83	ng	97
64) 4,6-Dinitro-2-methylphenol	16.39	198	26704	37.25	ng	99
65) n-Nitrosodiphenylamine	16.51	169	164084	40.37	ng	98
66) 4-Bromophenyl-phenylether	17.11	248	46908	40.62	ng	88
67) Hexachlorobenzene	17.12	284	50887	41.81	ng	93
68) Atrazine	17.48	200	60993	49.45	ng	94
69) Pentachlorophenol	17.49	266	48212	85.82	ng	96
70) Phenanthrene	17.77	178	279350	39.30	ng	99
71) Anthracene	17.84	178	284740	41.08	ng	100
72) Carbazole	18.13	167	269429	40.07	ng	99
73) Di-n-butylphthalate	18.72	149	351347	45.15	ng	99
74) Fluoranthene	19.41	202	294615	40.45	ng	98
76) Benzidine	19.65	184	124366	34.53	ng	99
77) Pyrene	19.69	202	308664	40.01	ng	99
79) Butylbenzylphthalate	20.63	149	154835	44.32	ng	97
80) Benzo(a)anthracene	21.23	228	273190	38.69	ng	100
81) 3,3'-Dichlorobenzidine	21.24	252	61923	27.59	ng	# 96
82) Chrysene	21.26	228	260682	40.48	ng	99
83) Bis(2-ethylhexyl)phthalate	21.36	149	213319	44.13	ng	# 97
84) Di-n-octyl phthalate	22.13	149	390115	46.50	ng	98
85) Indeno(1,2,3-cd)pyrene	23.97	276	237409	34.78	ng	# 83
87) Benzo(b)fluoranthene	22.47	252	270139	40.49	ng	# 94
88) Benzo(k)fluoranthene	22.49	252	215366m	36.95	ng	
89) Benzo(a)pyrene	22.81	252	233913	39.75	ng	100
90) Dibenzo(a,h)anthracene	24.00	278	192112	35.58	ng	98
91) Benzo(g,h,i)perylene	24.27	276	199569	37.18	ng	95

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



#1

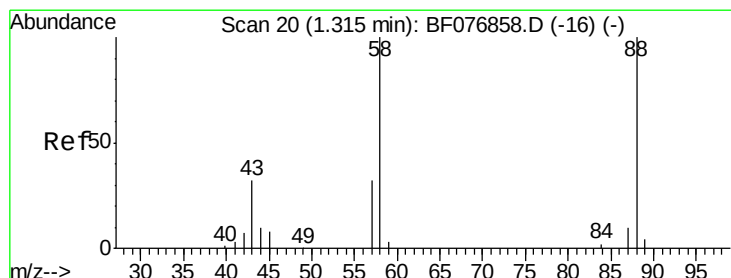
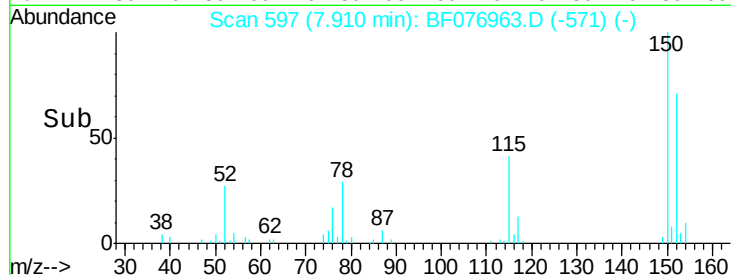
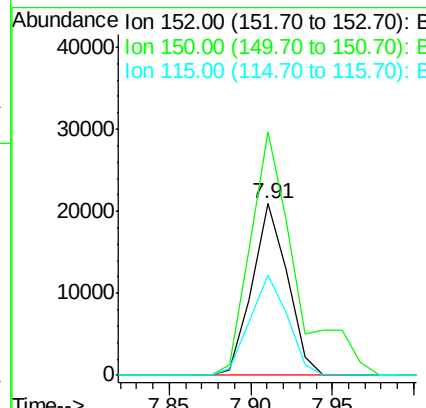
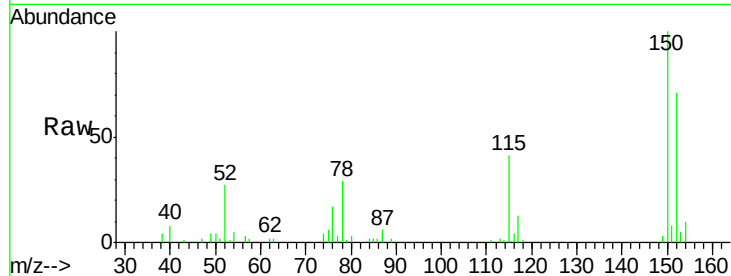
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	141.7	121.7	182.5
115	58.1	47.0	70.6

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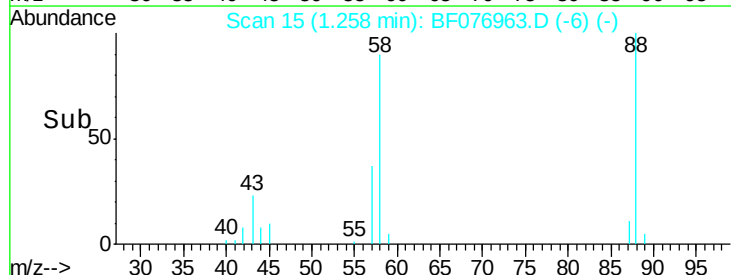
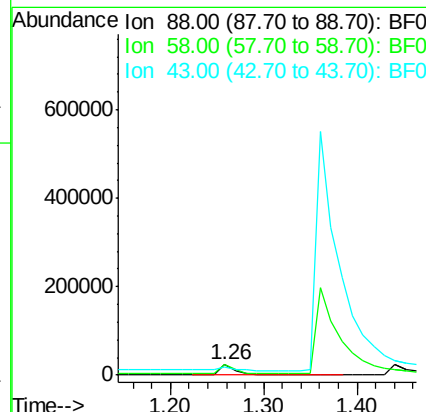
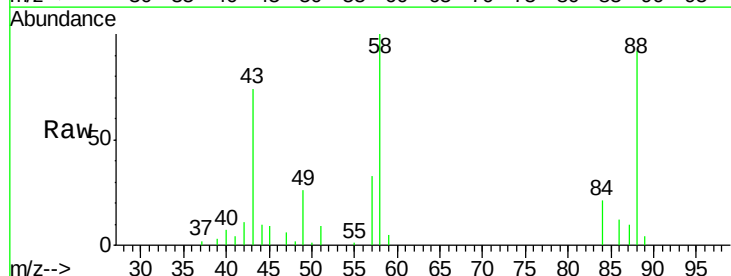
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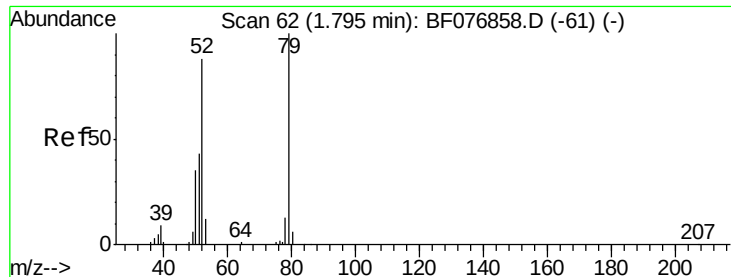


#2

1,4-Dioxane
Concen: 34.91 ng
RT: 1.26 min Scan# 15
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	77.0	115.4
43	0.0	25.6	38.4#





#3

Pvridine

Concen: 31.87 ng

RT: 1.74 min Scan# 57

Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

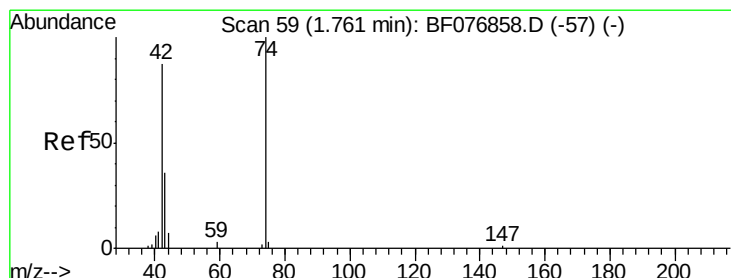
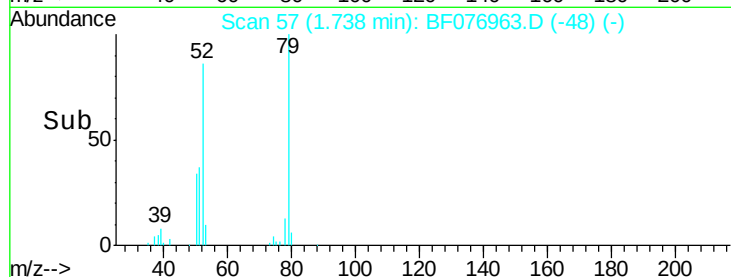
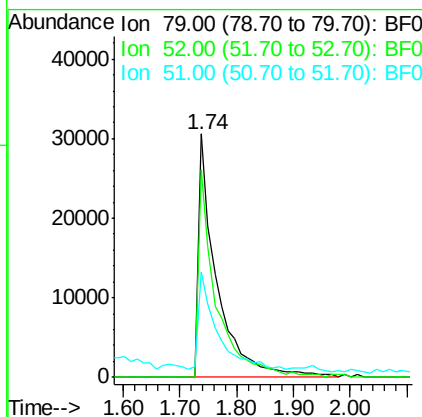
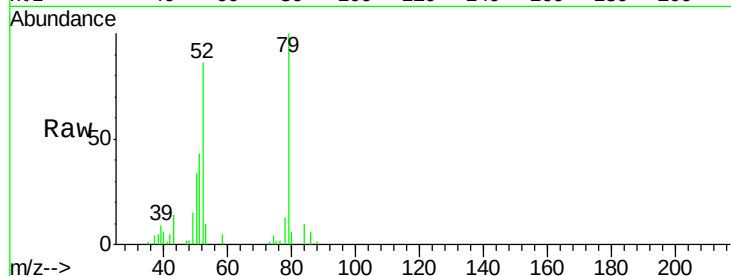
ClientSampleId :

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Tot Ion:	79	Resp:	67443
Ion	Ratio	Lower	Upper
79	100		
52	85.6	70.1	105.1
51	43.4	35.1	52.7



#4

n-Nitrosodimethylamine

Concen: 34.79 ng

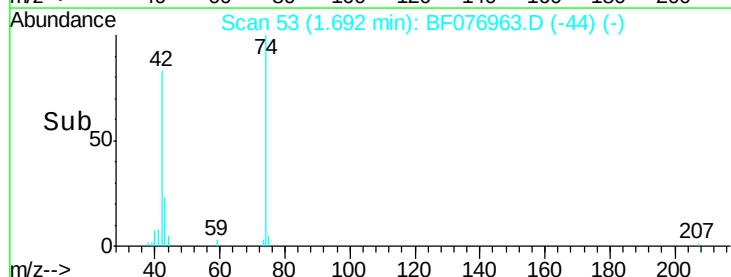
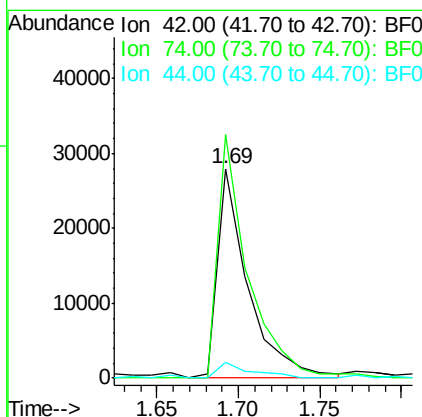
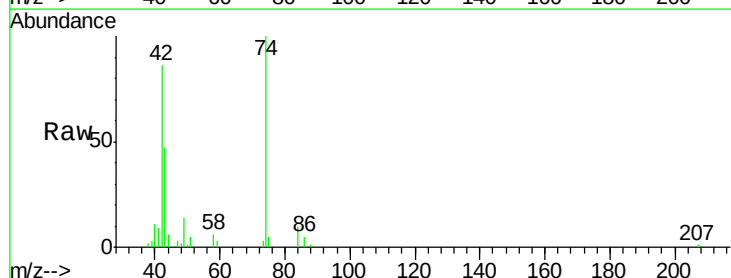
RT: 1.69 min Scan# 53

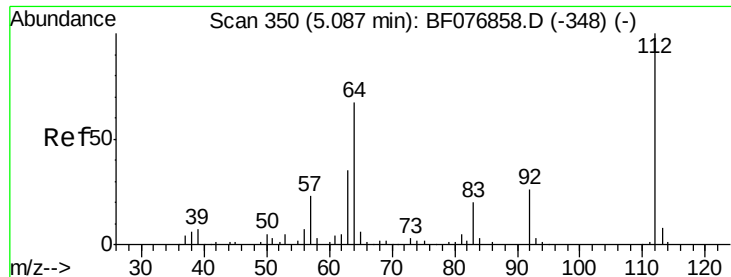
Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Tgt Ion:	42	Resp:	36472
Ion	Ratio	Lower	Upper
42	100		
74	116.3	92.4	138.6
44	7.5	6.2	9.2





#5

2-Fluorophenol

Concen: 117.98 ng

RT: 4.97 min Scan# 340

Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

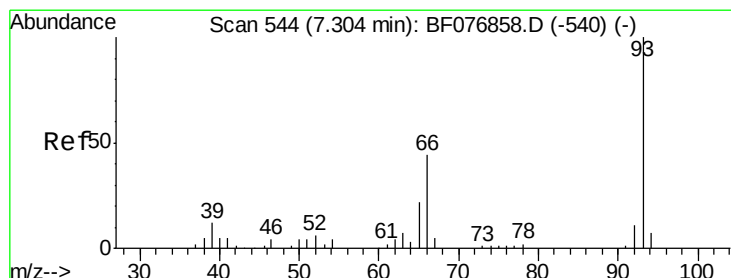
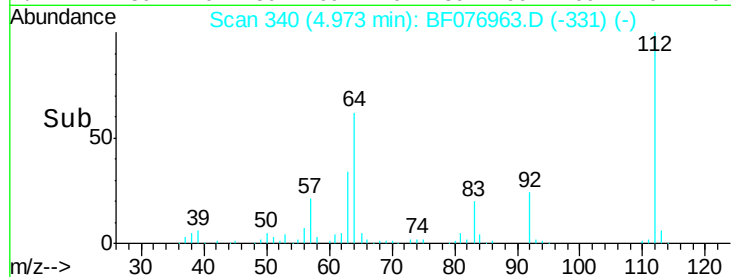
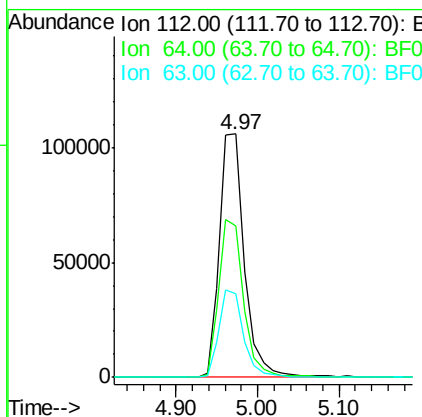
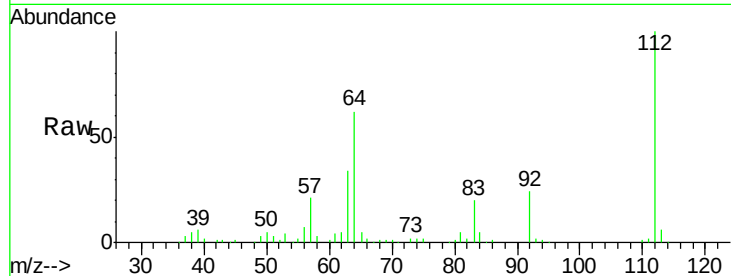
ClientSampleId :

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Tot Ion:	112	Resp:	225312
Ion Ratio	Lower	Upper	
112	100		
64	62.0	54.2	81.4
63	34.3	28.4	42.6

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#6

Aniline

Concen: 19.92 ng

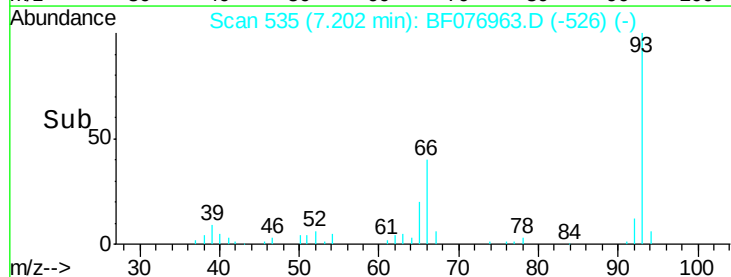
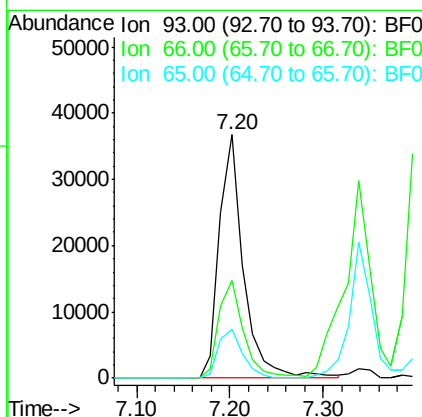
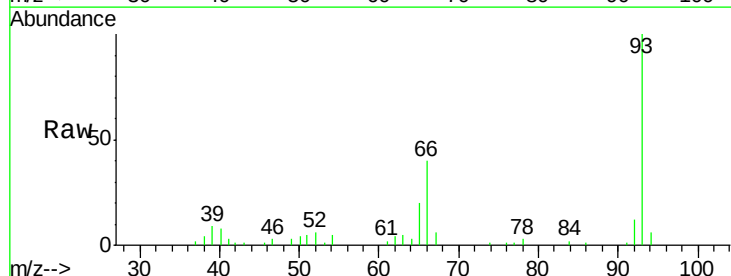
RT: 7.20 min Scan# 535

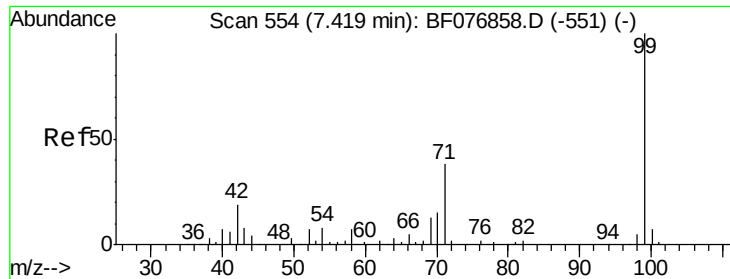
Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Tgt Ion:	93	Resp:	66407
Ion Ratio	Lower	Upper	
93	100		
66	40.2	35.0	52.4
65	19.9	17.7	26.5





#7

Phenol-d6

Concen: 114.89 ng

RT: 7.32 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

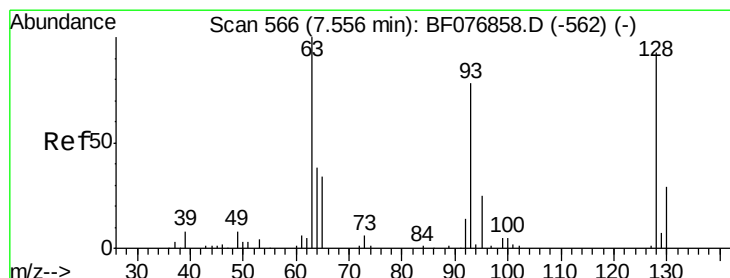
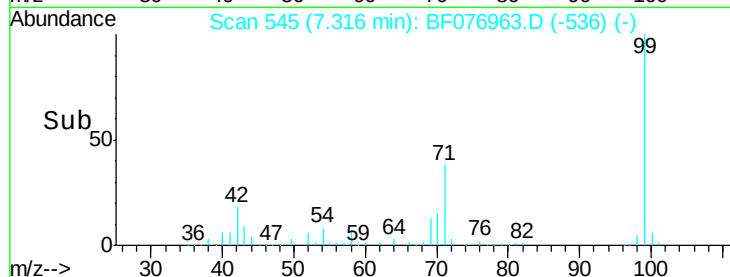
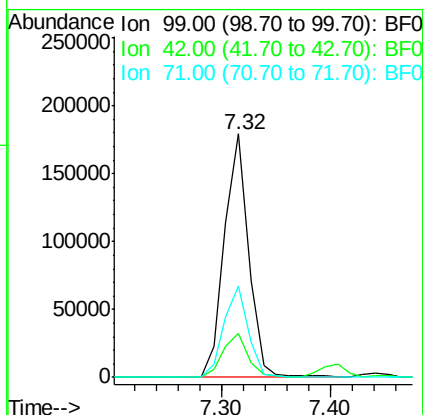
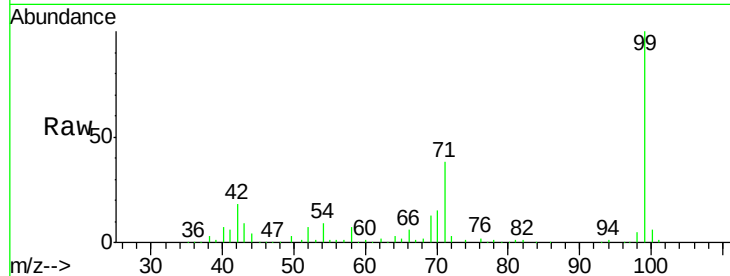
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Tot Ion:	99	Resp:	276805
Ion Ratio	Lower	Upper	
99	100		
42	18.0	15.0	22.4
71	37.6	30.5	45.7

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#8

2-Chlorophenol

Concen: 36.53 ng

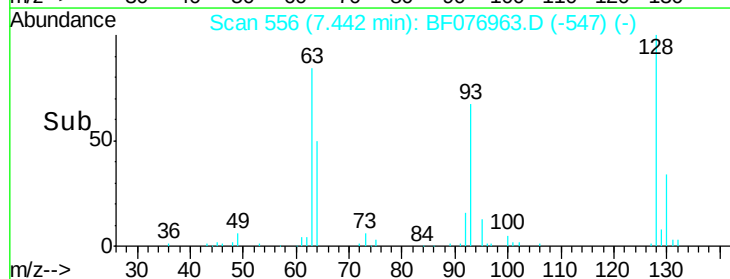
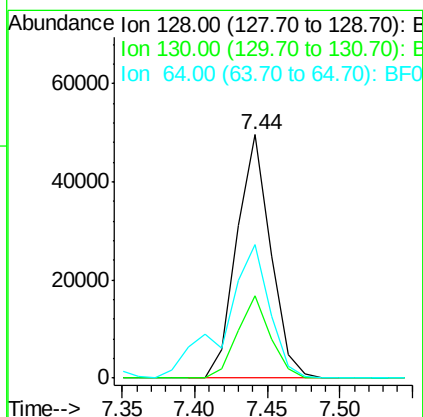
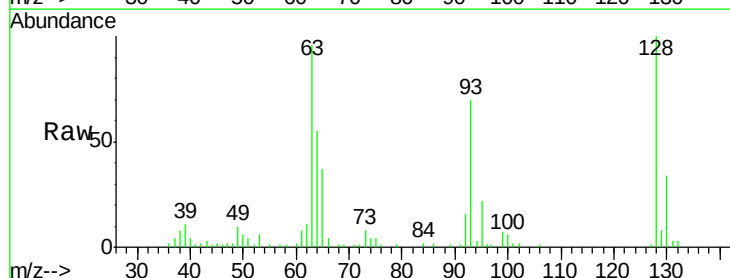
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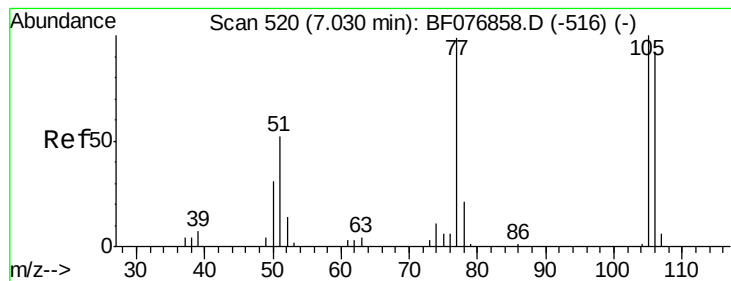
Delta R.T. 0.00 min

Lab File: BF076963.D

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Tgt Ion:	128	Resp:	80429
Ion Ratio	Lower	Upper	
128	100		
130	33.7	11.0	51.0
64	54.6	29.3	69.3





#9

Benzaldehyde

Concen: 13.33 ng

RT: 6.92 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

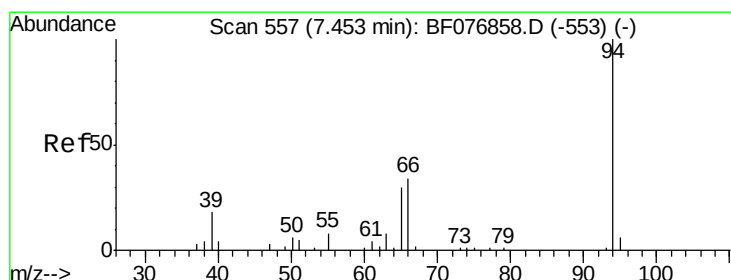
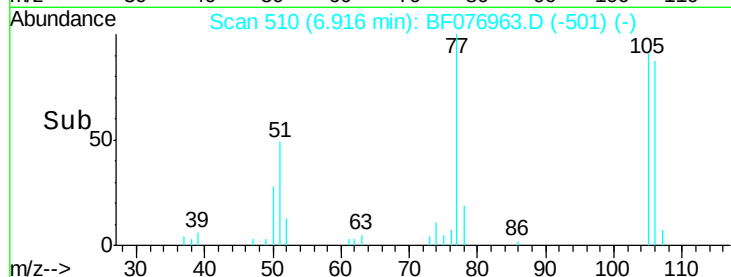
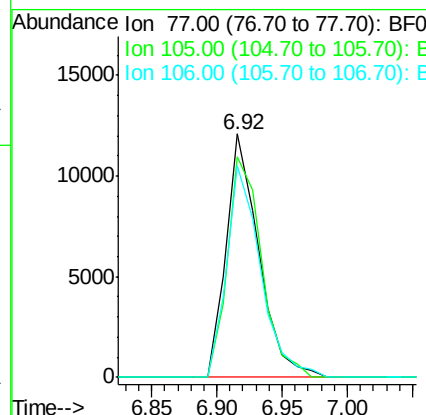
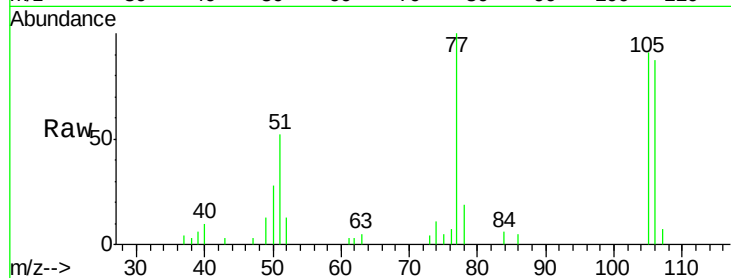
ClientSampleId :

PB81407BS

Tot Ion:	77	Resp:	21058
Ion	Ratio	Lower	Upper
77	100		
105	90.8	81.4	121.4
106	86.7	72.8	112.8

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#10

Phenol

Concen: 38.56 ng

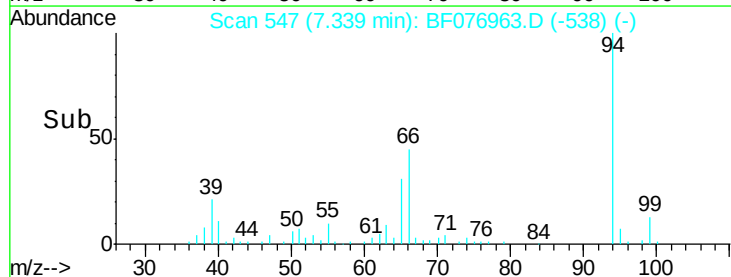
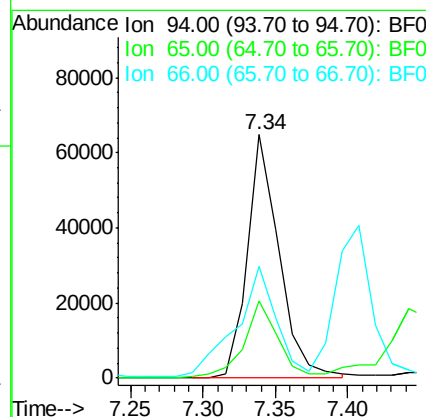
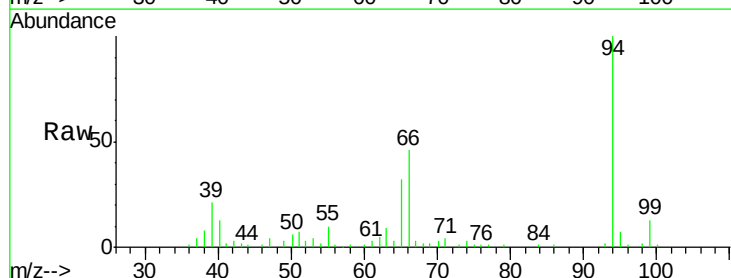
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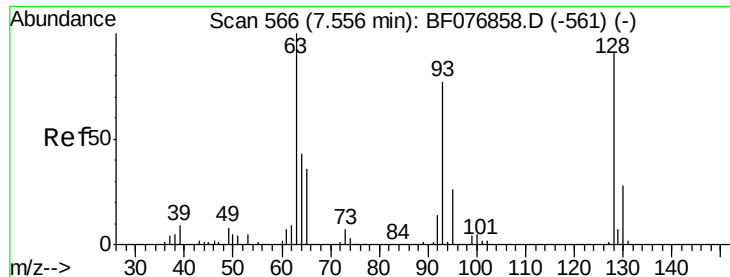
Delta R.T. 0.00 min

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Tgt Ion:	94	Resp:	98644
Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.3	51.3
66	46.0	19.5	59.5





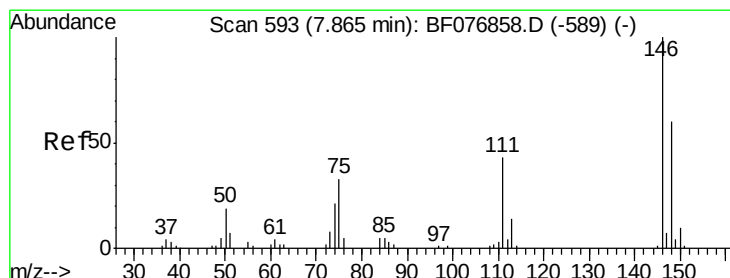
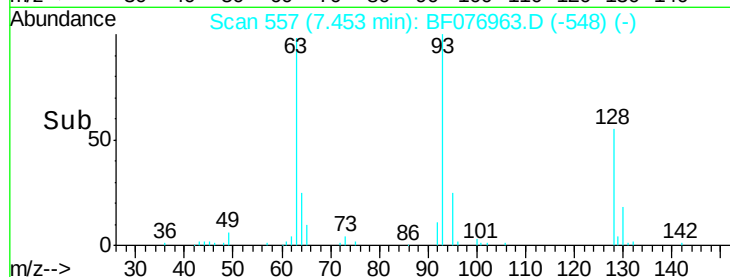
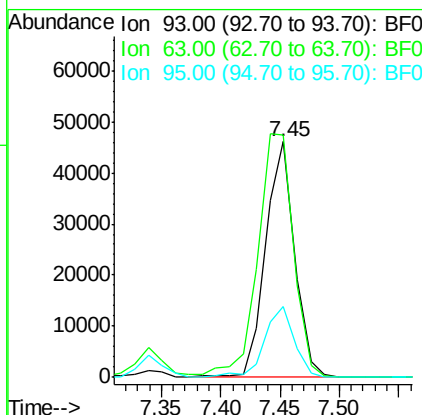
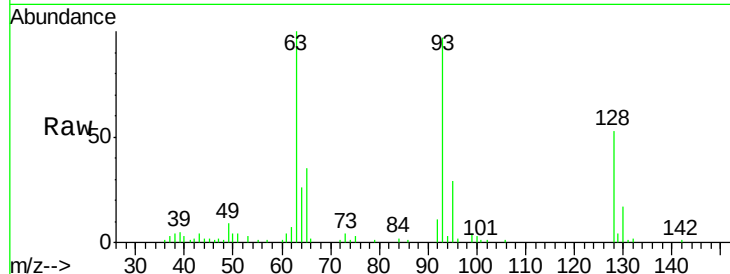
#11
bis(2-Chloroethyl)ether
Concen: 39.38 ng
RT: 7.45 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	102.7	111.3	151.3#
95	30.0	13.8	53.8

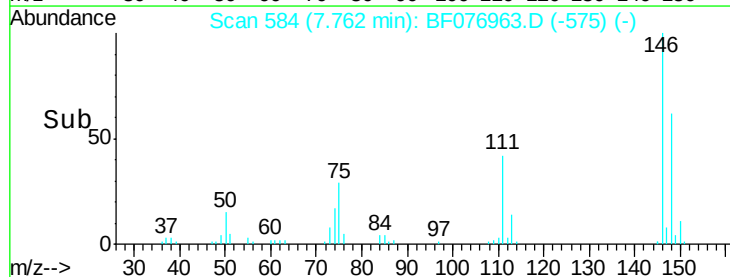
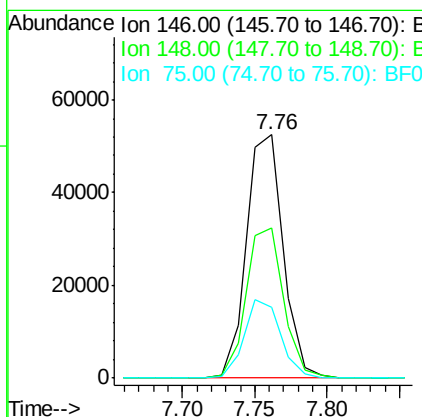
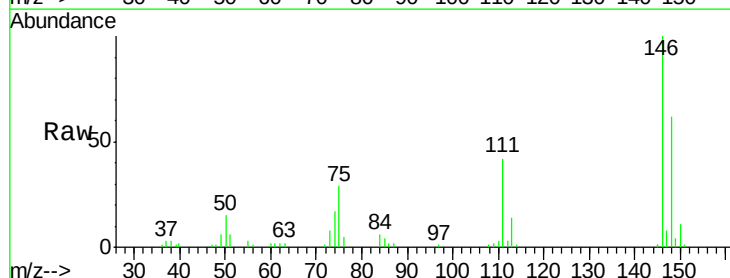
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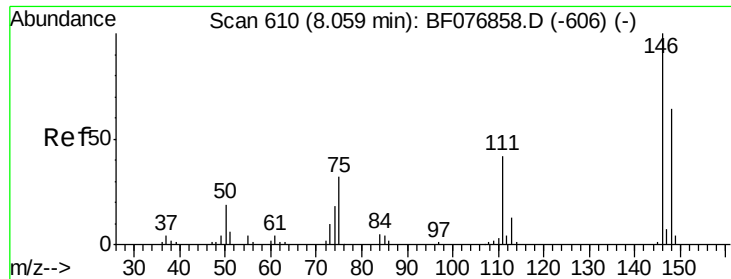
tejaskumar
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#12
1,3-Dichlorobenzene
Concen: 36.85 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	48.1	72.1
75	29.2	26.8	40.2





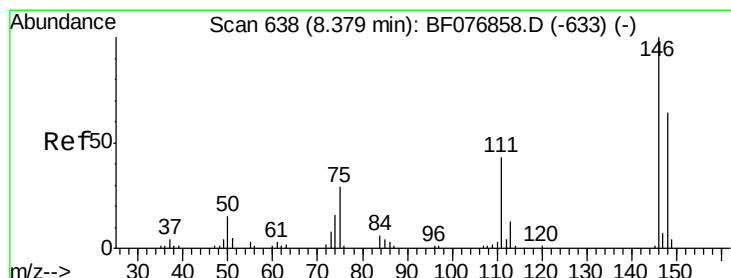
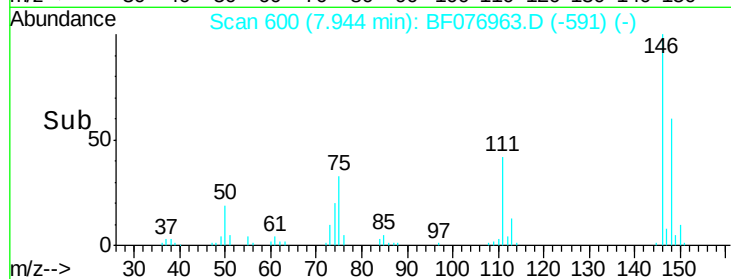
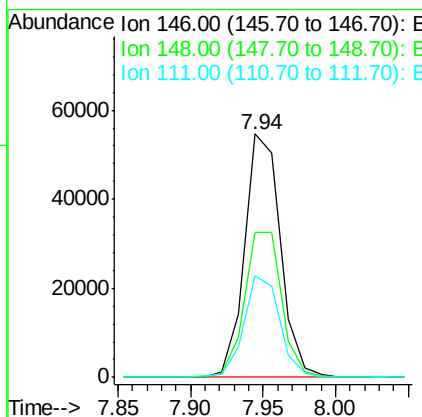
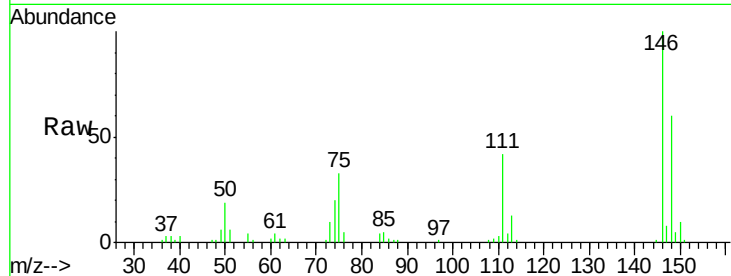
#13
 1,4-Dichlorobenzene
 Concen: 35.18 ng
 RT: 7.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81407BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.6	51.5	77.3
111	41.8	33.9	50.9

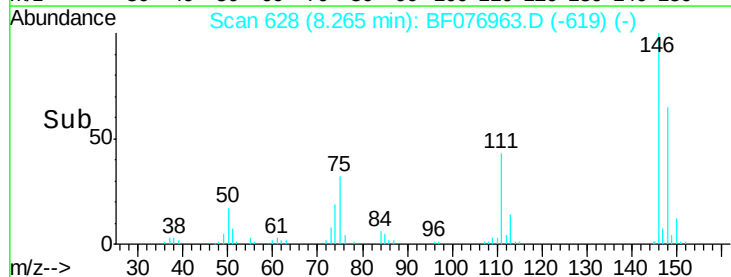
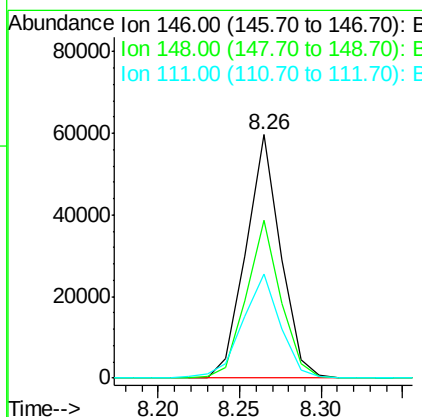
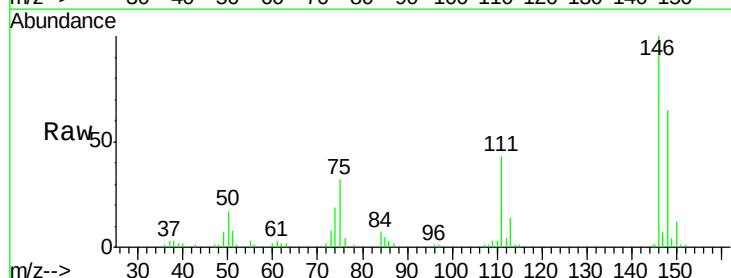
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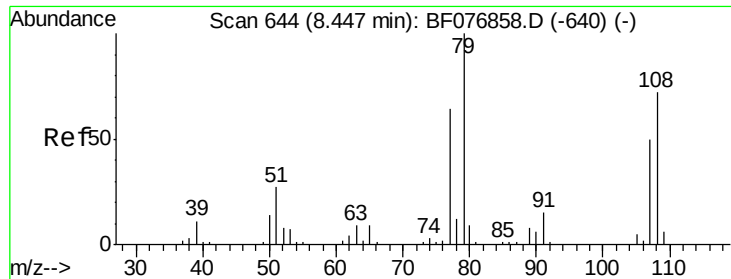
tejaskumar
 1/21/2015 5:29:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.99 ng
 RT: 8.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.3	76.9
111	42.7	34.5	51.7





#15

Benzyl Alcohol

Concen: 36.96 ng

RT: 8.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

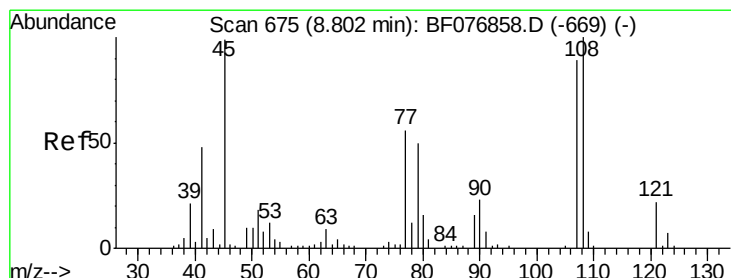
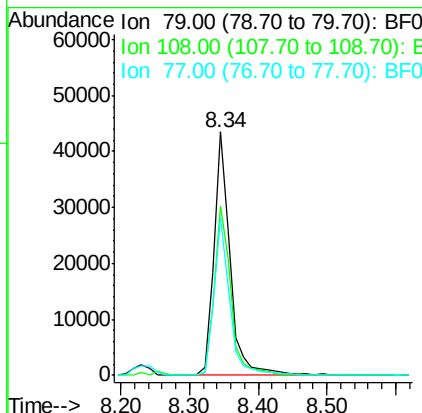
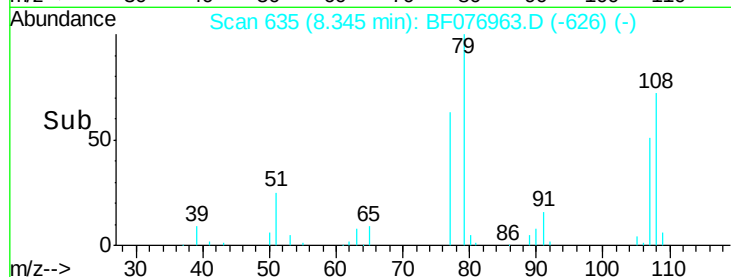
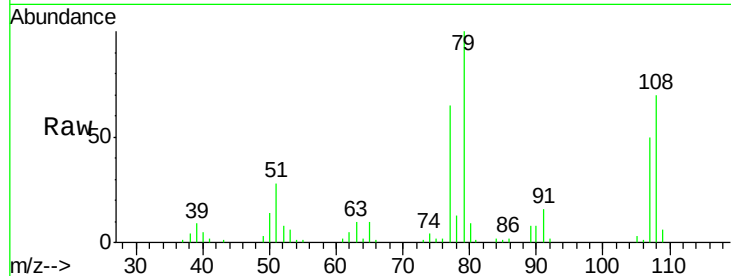
ClientSampleId :

PB81407BS

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Tot Ion:	79	Resp:	72054
Ion	Ratio	Lower	Upper
79	100		
108	69.7	57.2	85.8
77	64.7	51.2	76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.39 ng

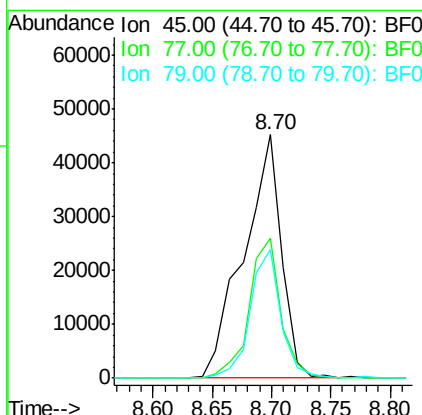
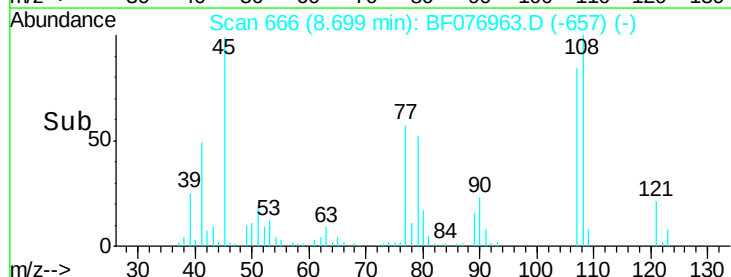
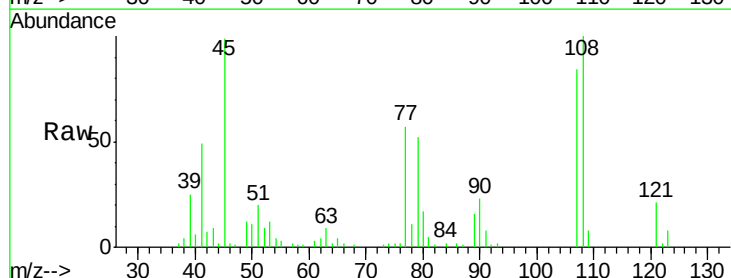
RT: 8.70 min Scan# 666

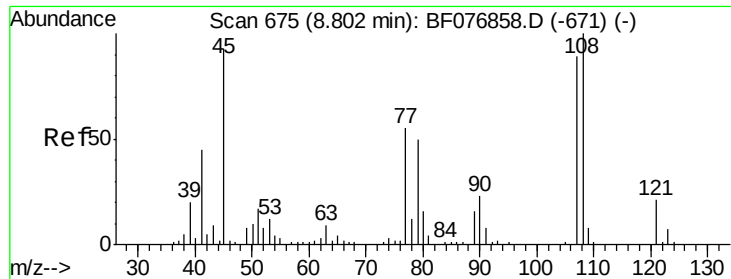
Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Tgt Ion:	45	Resp:	100604
Ion	Ratio	Lower	Upper
45	100		
77	57.4	36.1	76.1
79	52.9	30.5	70.5





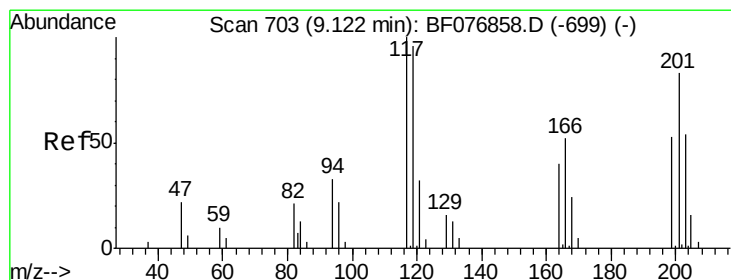
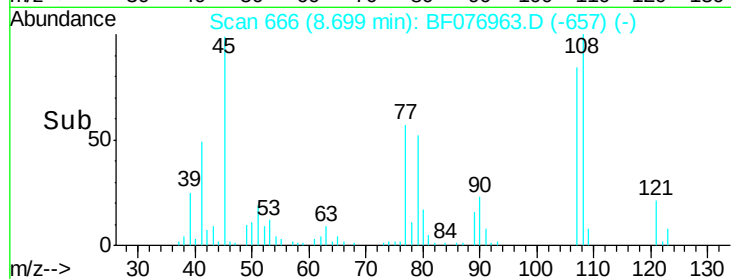
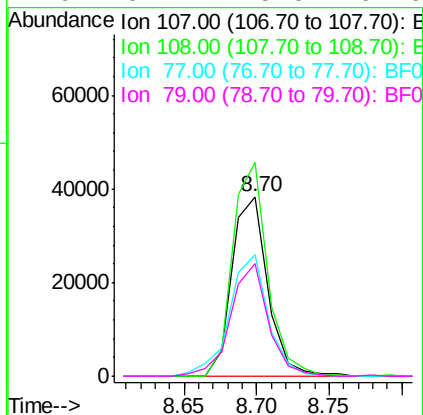
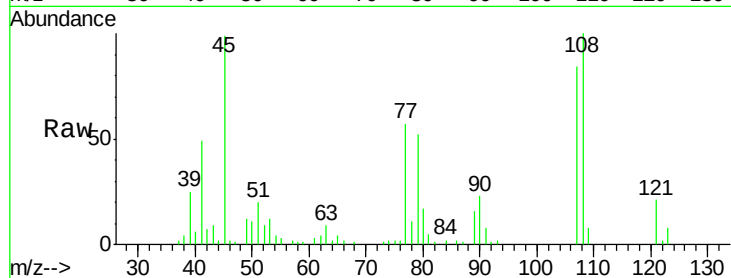
#17
2-Methylphenol
Concen: 36.65 ng
RT: 8.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	65940		
108	118.9	89.7	134.5	
77	67.6	50.1	75.1	
79	62.4	45.0	67.6	

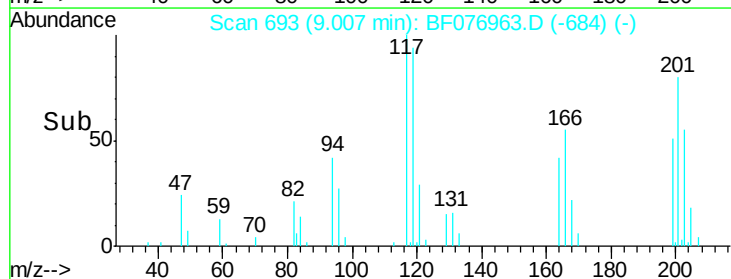
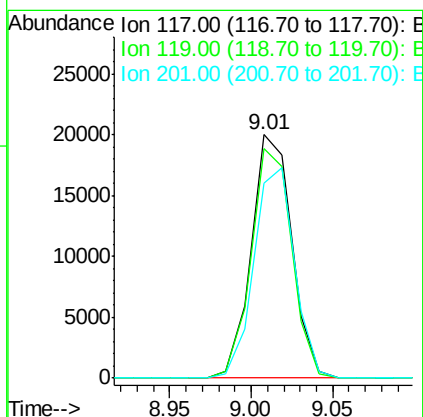
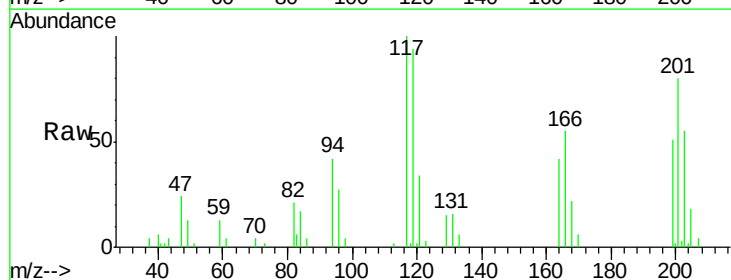
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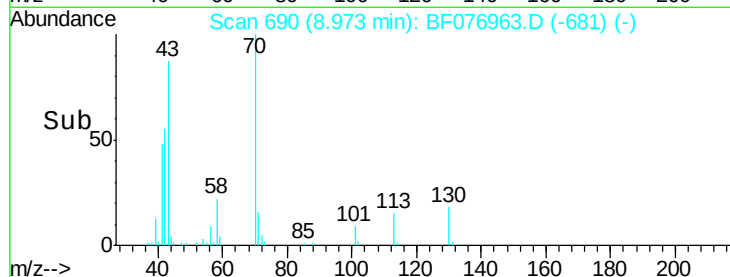
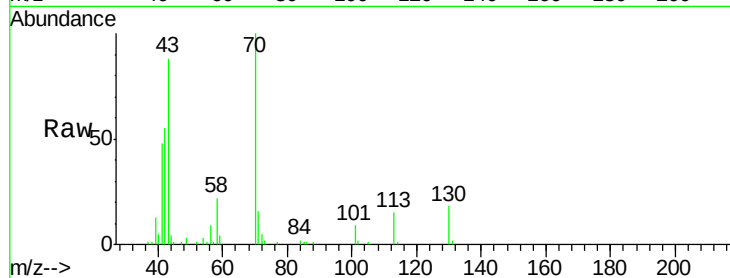
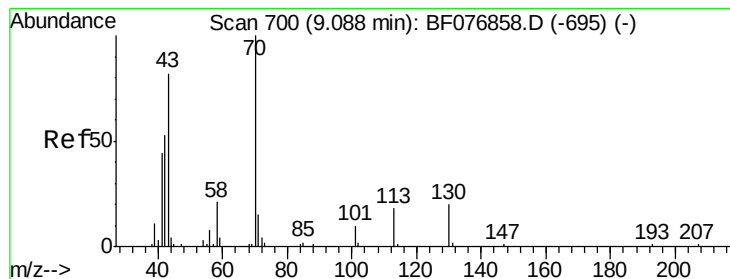
tejaskumar
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#18
Hexachloroethane
Concen: 37.50 ng
RT: 9.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34650		
119	94.1	77.1	115.7	
201	80.0	66.8	100.2	





#19

n-Nitroso-di-n-propylamine

Concen: 35.52 ng

RT: 8.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

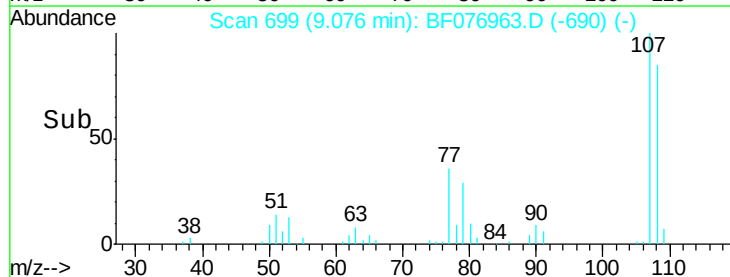
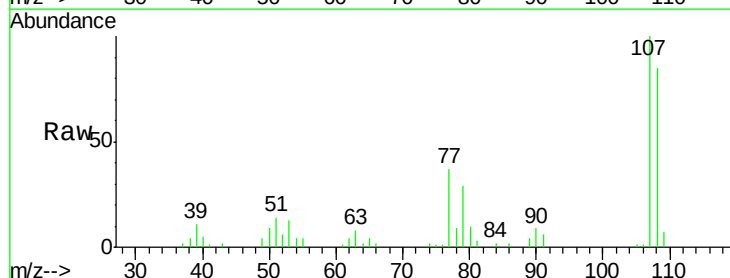
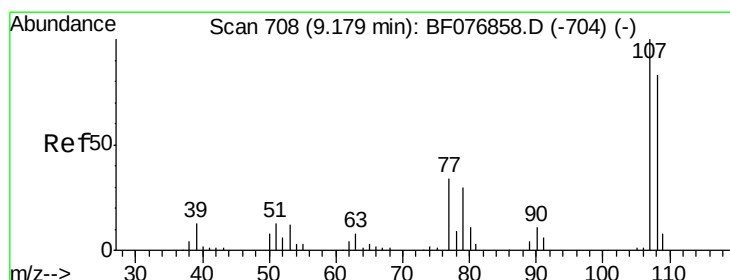
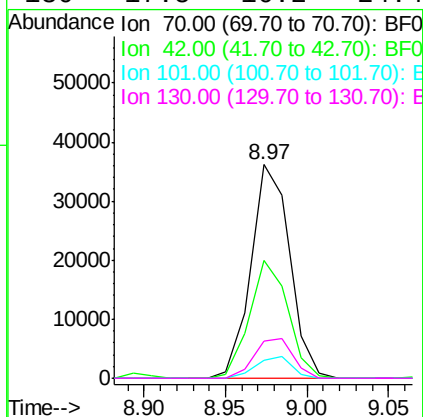
ClientSampleId :

PB81407BS

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Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.0	42.1	63.1	
101	8.6	7.8	11.8	
130	17.5	16.2	24.4	



#20

3+4-Methylphenols

Concen: 36.13 ng

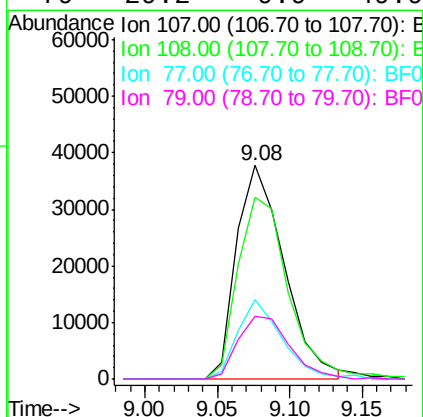
RT: 9.08 min Scan# 699

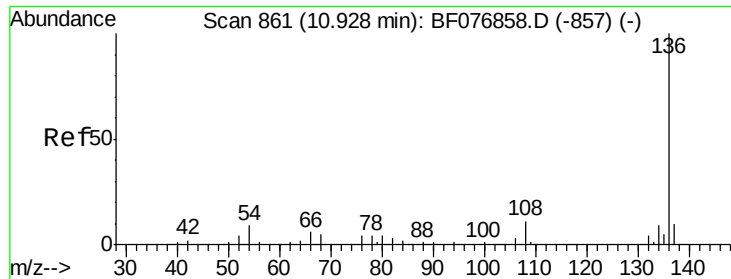
Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.4	63.5	103.5	
77	37.0	14.0	54.0	
79	29.2	9.9	49.9	





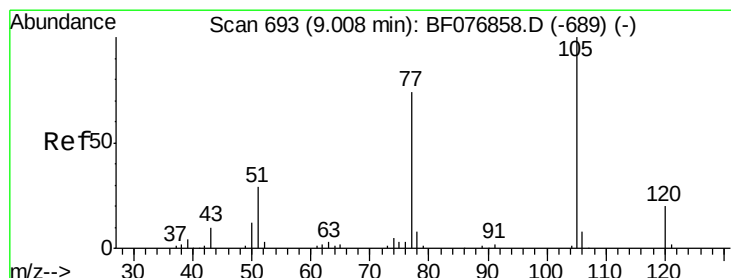
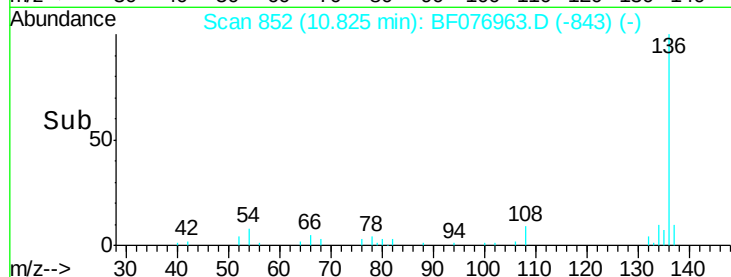
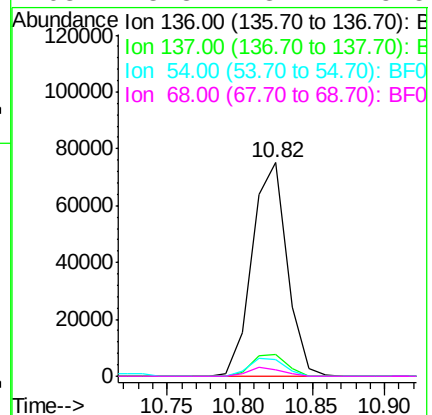
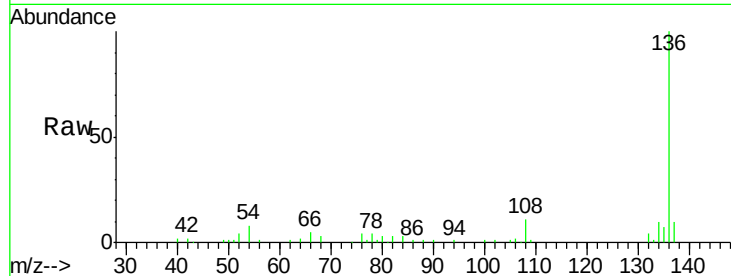
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.82 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	125524		
137	10.3		8.1	12.1
54	7.6		7.0	10.4
68	3.3		3.7	5.5#

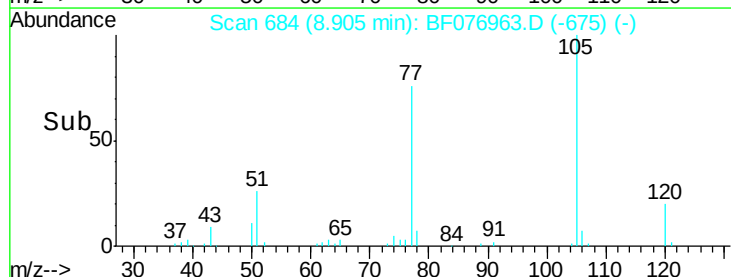
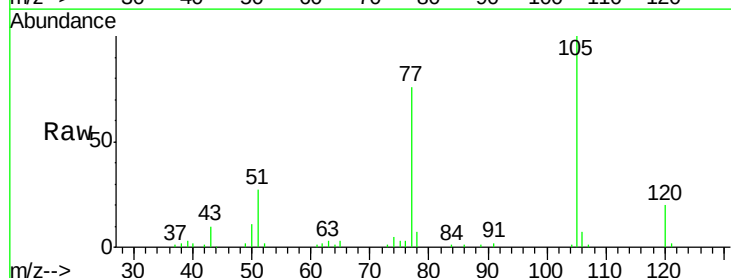
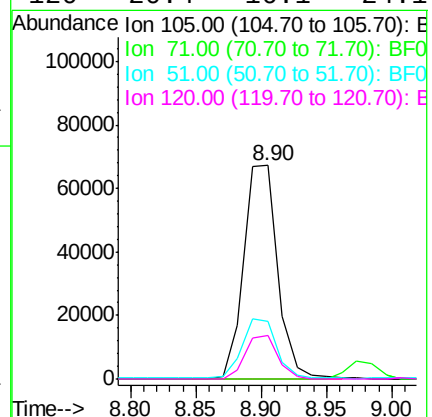
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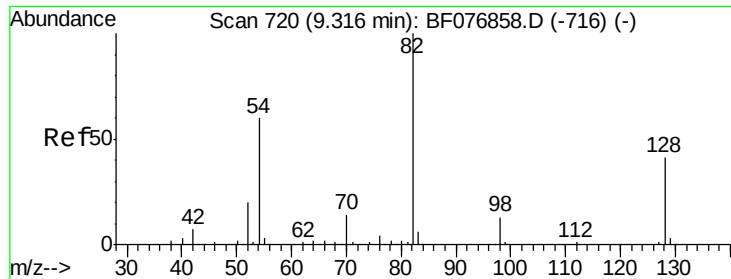
tejaskumar
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#22
Acetophenone
Concen: 39.68 ng
RT: 8.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	121983		
71	0.0		0.0	0.0
51	27.2		23.3	34.9
120	20.4		16.1	24.1





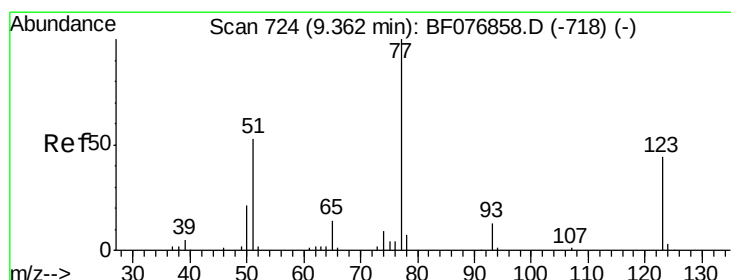
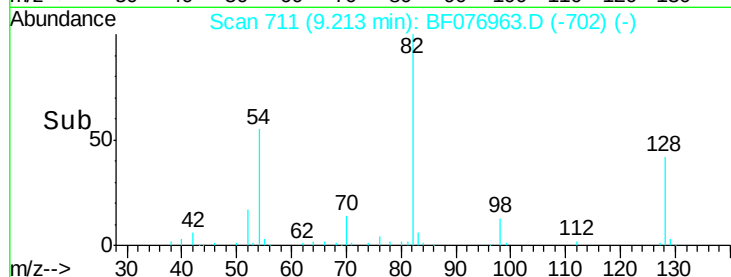
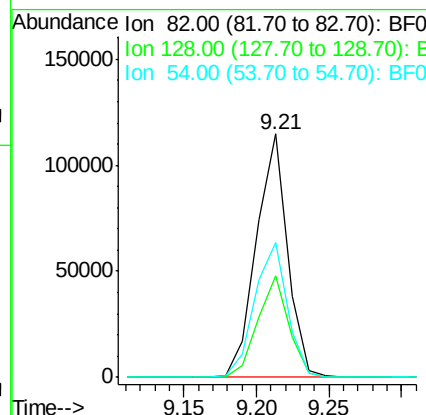
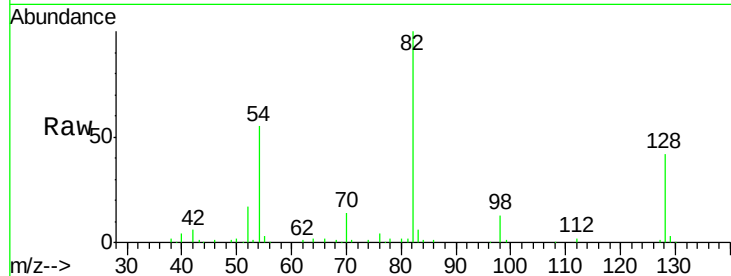
#23
 Nitrobenzene-d5
 Concen: 75.45 ng
 RT: 9.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81407BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.1	49.7
54	55.4	48.3	72.5

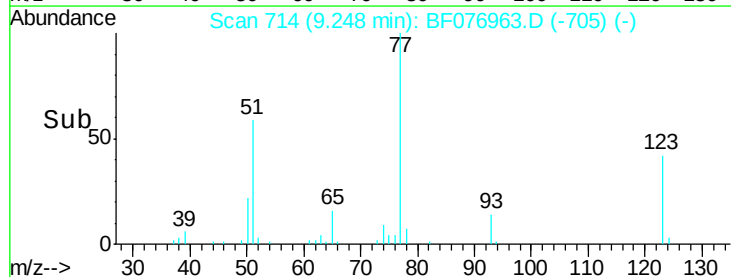
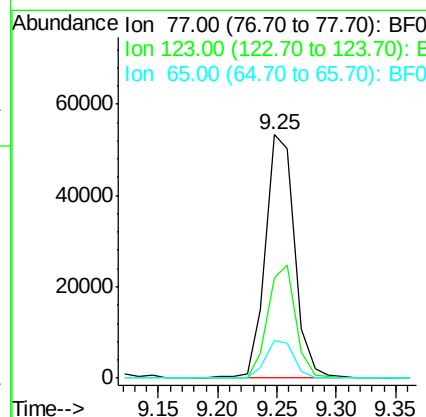
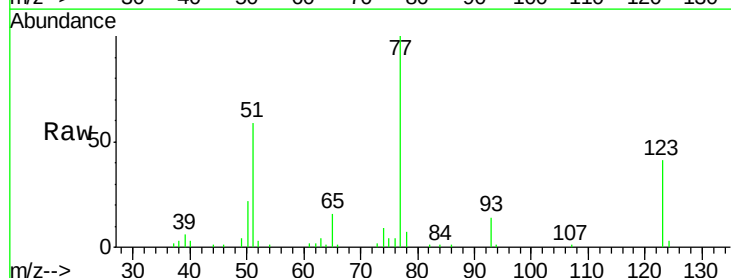
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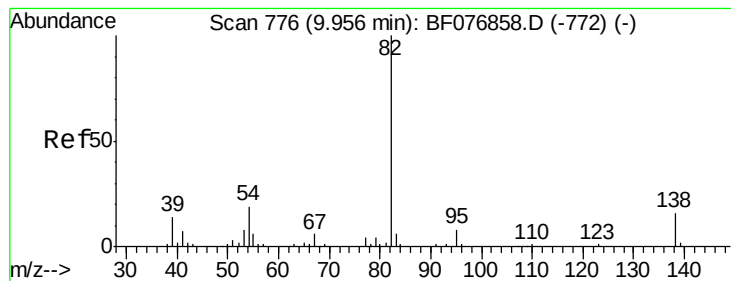
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#24
 Nitrobenzene
 Concen: 39.83 ng
 RT: 9.25 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	35.2	52.8
65	15.6	11.4	17.2





#25

Isophorone

Concen: 38.82 ng

RT: 9.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

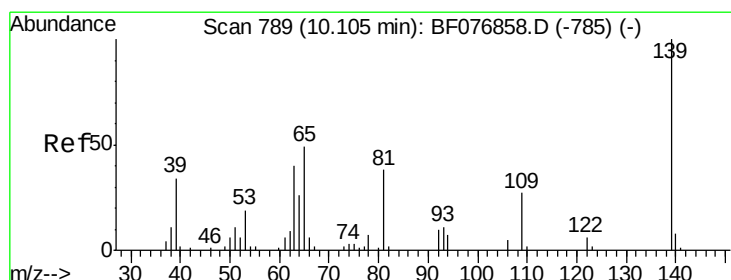
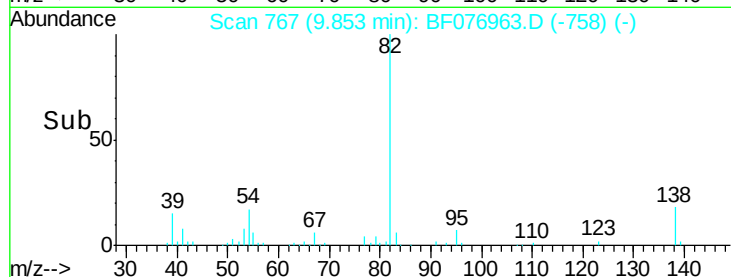
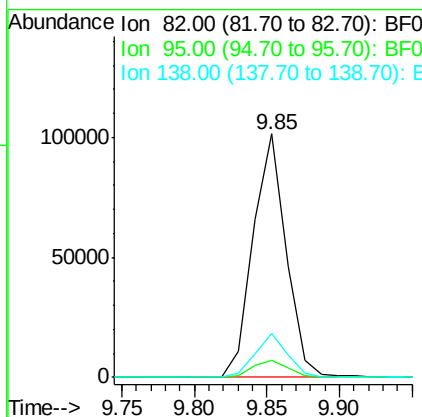
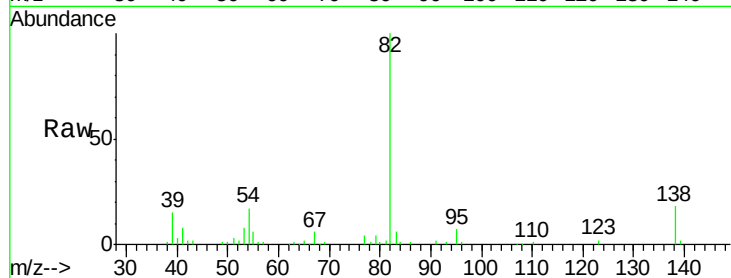
ClientSampleId :

PB81407BS

Tot Ion:	82	Resp:	160166
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.6	10.0
138	18.1	12.6	18.8

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#26

2-Nitrophenol

Concen: 37.14 ng

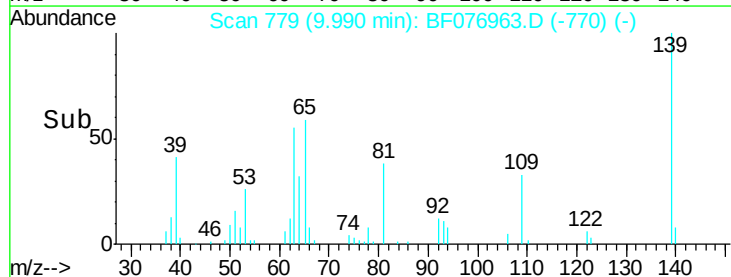
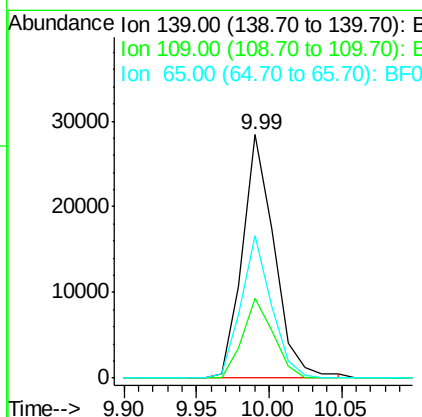
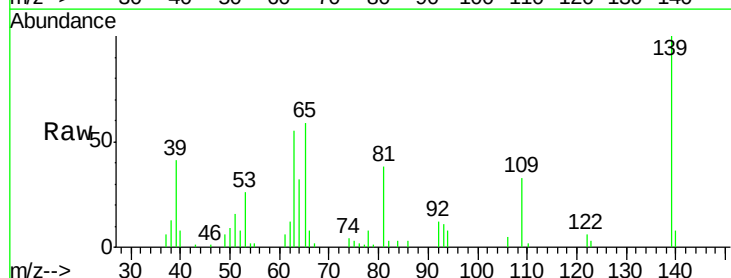
RT: 9.99 min Scan# 779

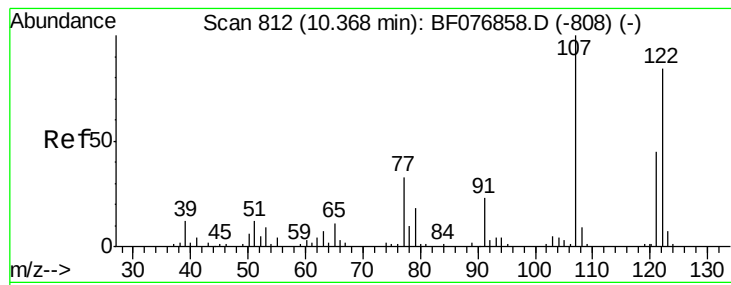
Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Tgt Ion:	139	Resp:	43406
Ion Ratio	Lower	Upper	
139	100		
109	32.9	21.3	31.9#
65	58.5	39.4	59.0





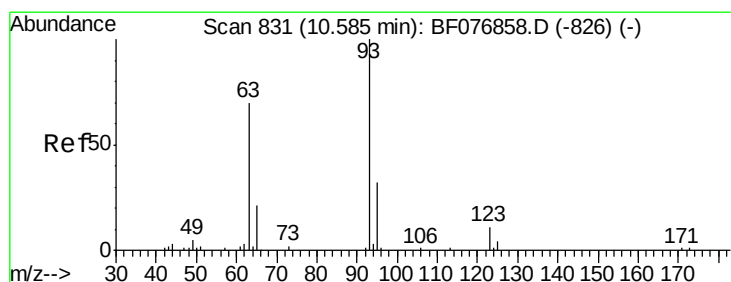
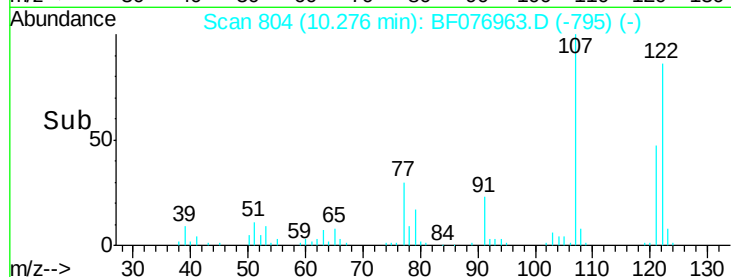
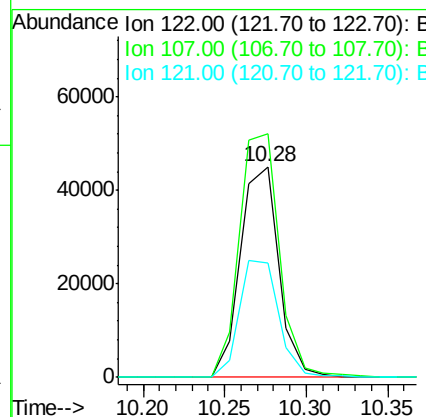
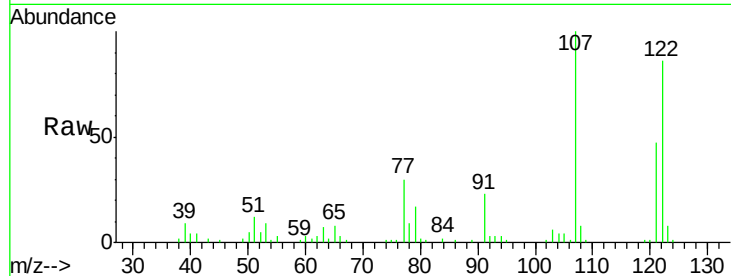
#27
 2,4-Dimethylphenol
 Concen: 41.17 ng
 RT: 10.28 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81407BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.7	95.2	142.8
121	54.6	42.9	64.3

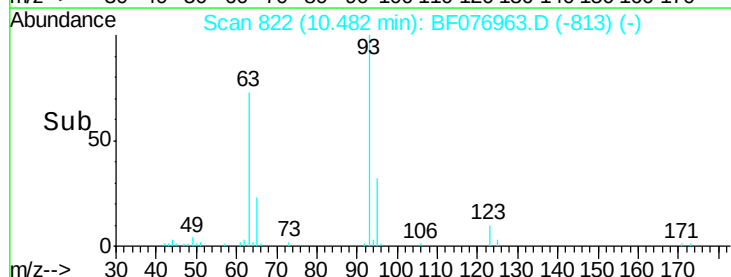
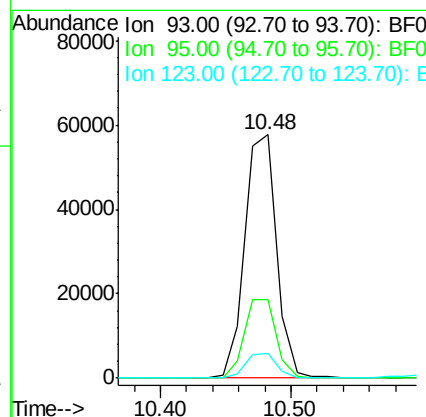
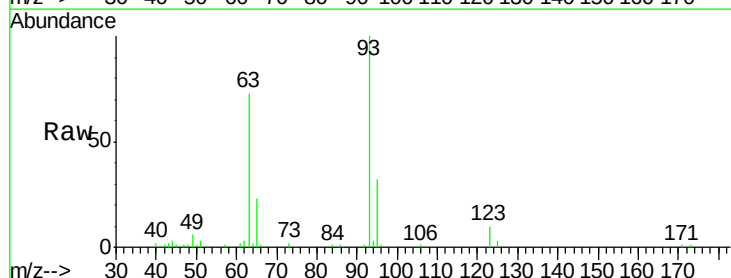
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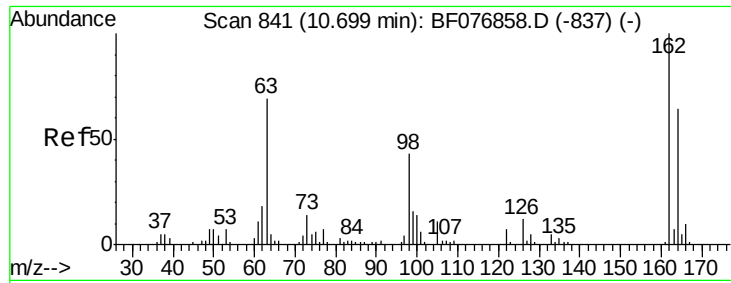
tejaskumar
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.51 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.6	38.4
123	10.4	8.9	13.3





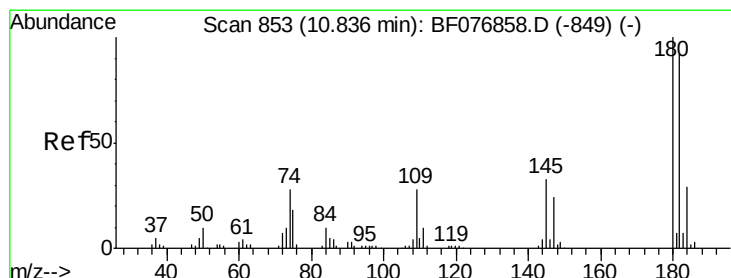
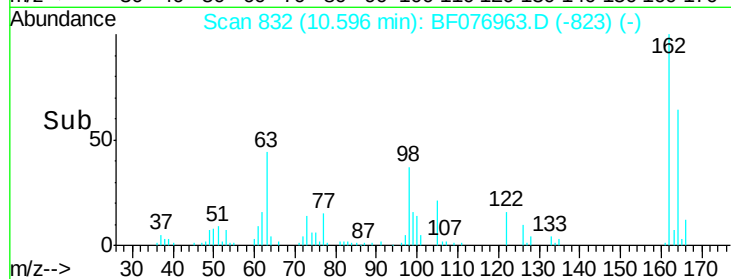
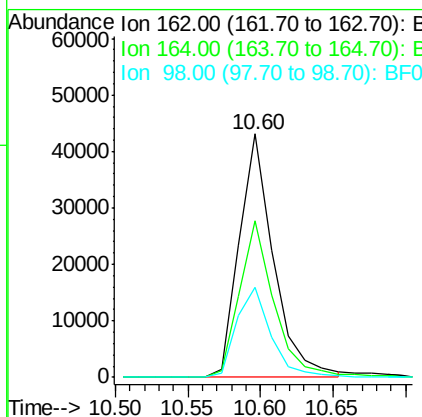
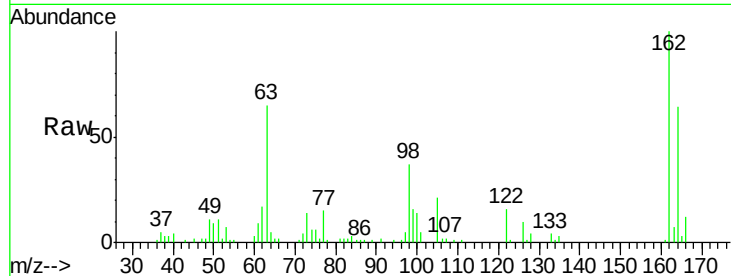
#29
 2,4-Dichlorophenol
 Concen: 42.57 ng
 RT: 10.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81407BS

Tot Ion:	162	Resp:	70813
Ion Ratio	Lower	Upper	
162	100		
164	64.2	43.8	83.8
98	37.2	22.5	62.5

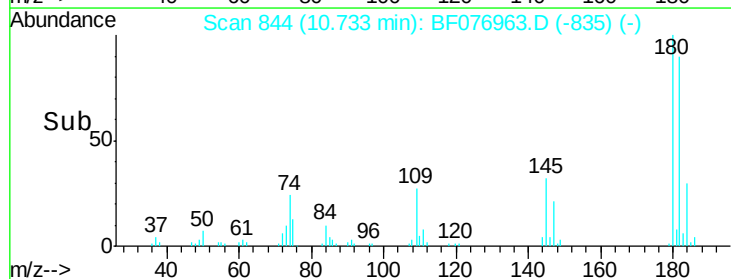
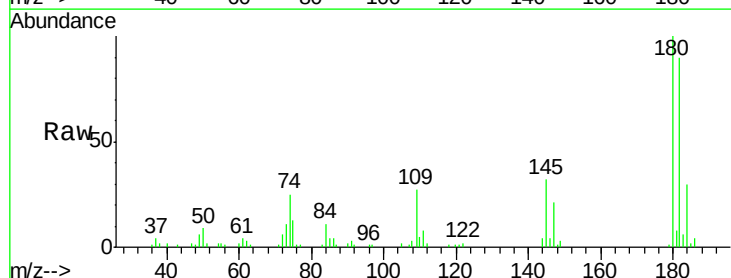
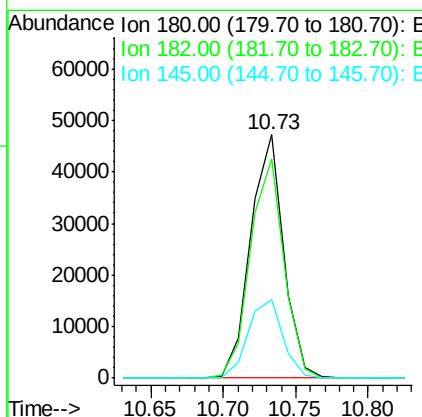
Manual Integrations
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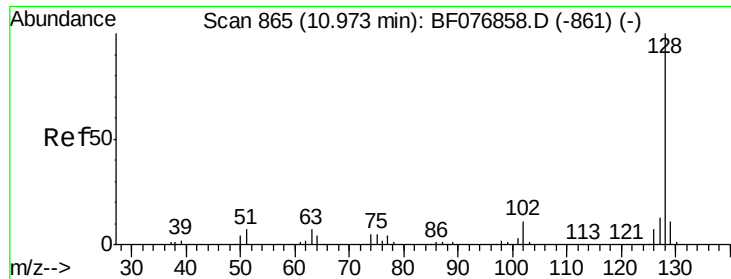
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.35 ng
 RT: 10.73 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion:	180	Resp:	74547
Ion Ratio	Lower	Upper	
180	100		
182	90.0	73.6	110.4
145	32.1	26.6	39.8





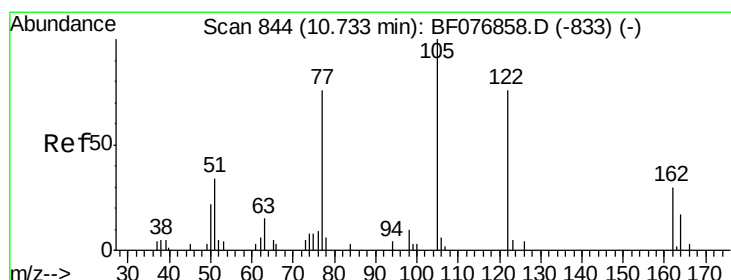
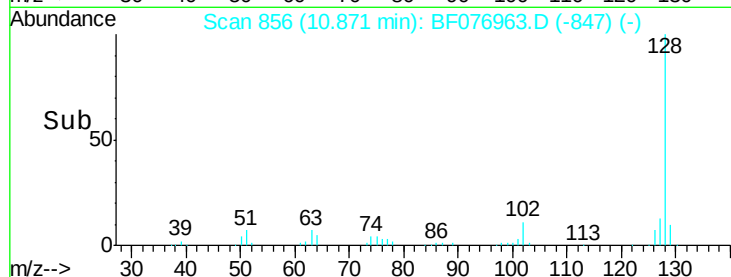
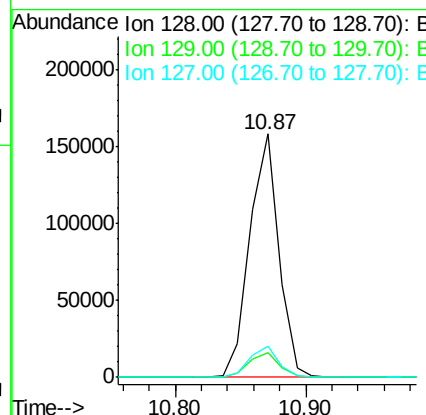
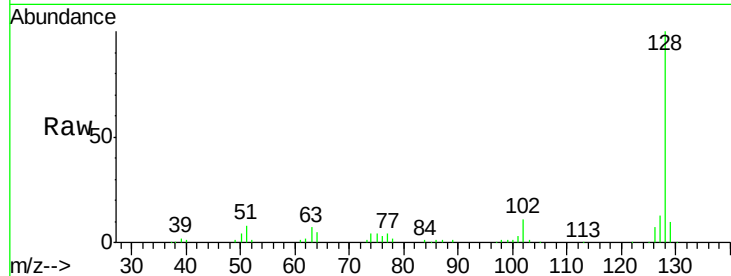
#31
Naphthalene
Concen: 38.07 ng
RT: 10.87 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	246026		
129	10.3		9.0	13.6
127	12.9		10.2	15.2

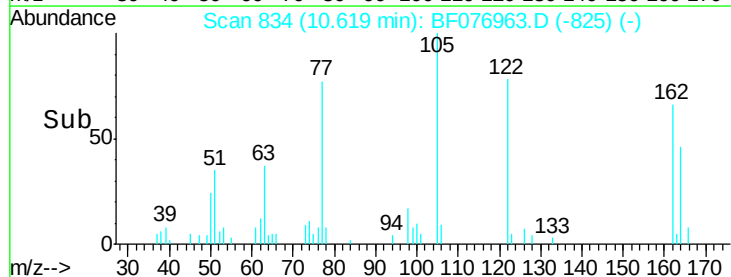
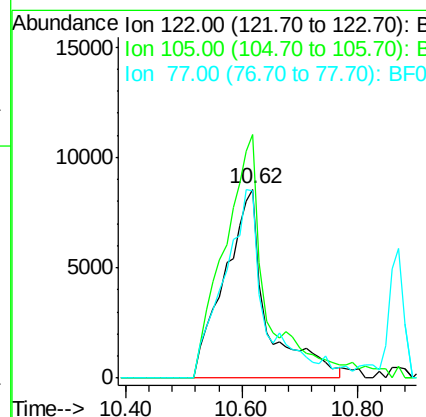
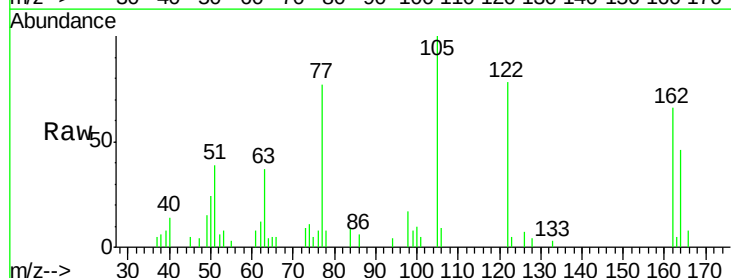
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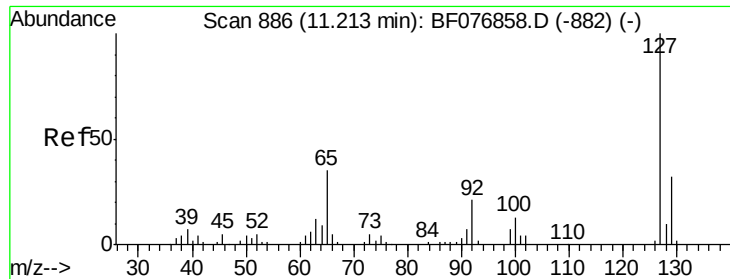
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#32
Benzoic acid
Concen: 43.77 ng m
RT: 10.62 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	43283		
105	129.0		111.3	151.3
77	99.0		79.2	119.2





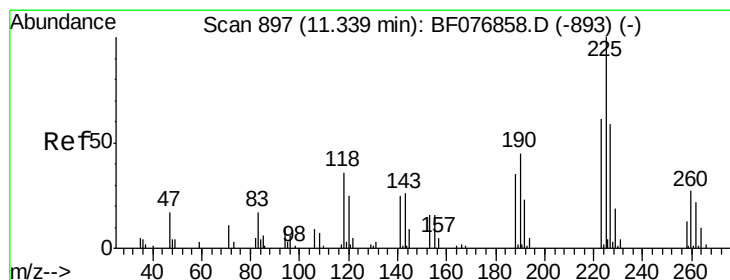
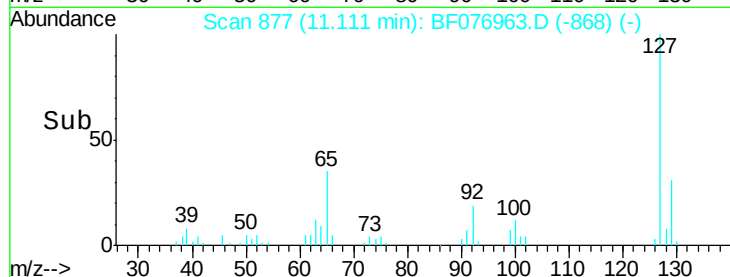
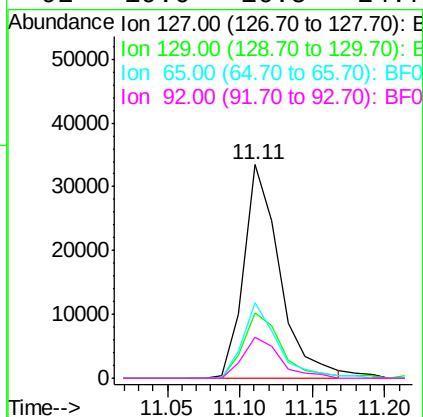
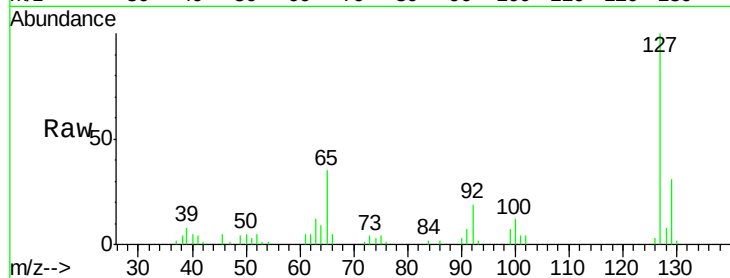
#33
4-Chloroaniline
Concen: 22.11 ng
RT: 11.11 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		57747		
129	30.6	25.3	37.9		
65	35.5	27.8	41.6		
92	19.0	16.5	24.7		

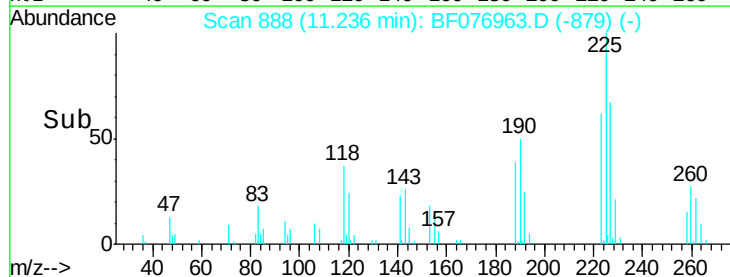
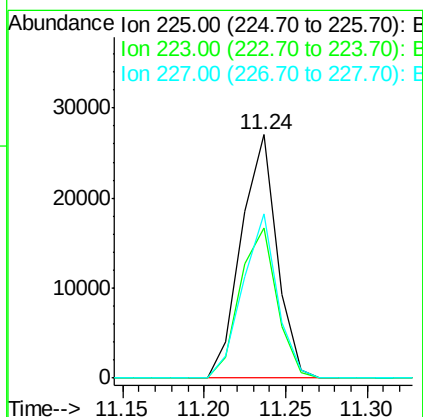
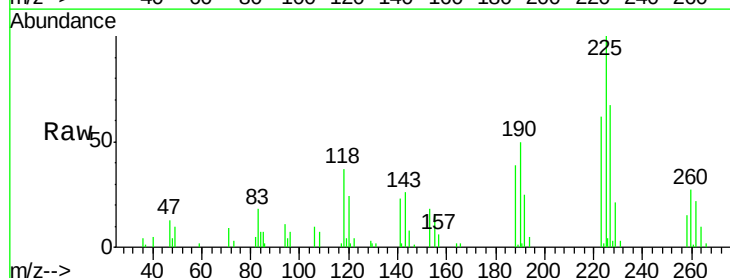
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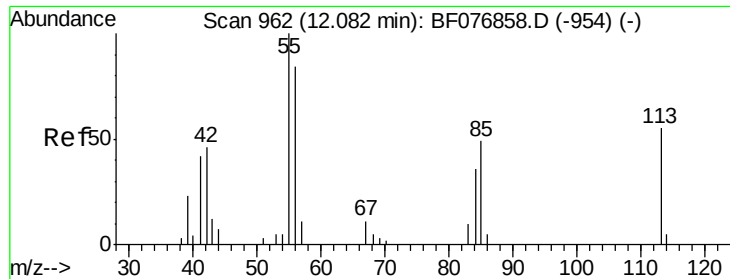
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#34
Hexachlorobutadiene
Concen: 37.38 ng
RT: 11.24 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		40977		
223	61.7	49.1	73.7		
227	67.3	47.5	71.3		





#35

Caprolactam

Concen: 33.88 ng

RT: 11.94 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

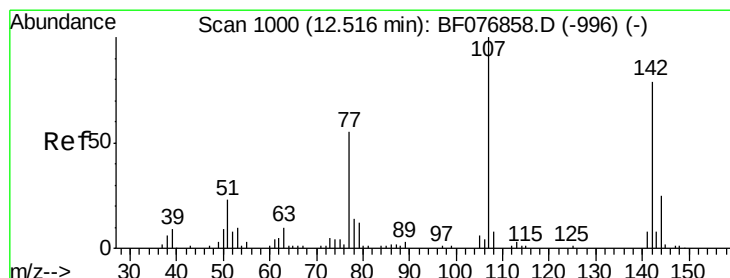
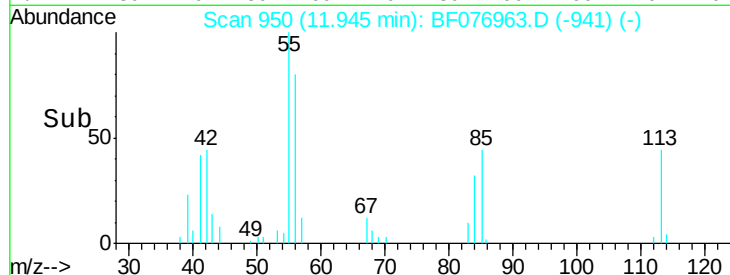
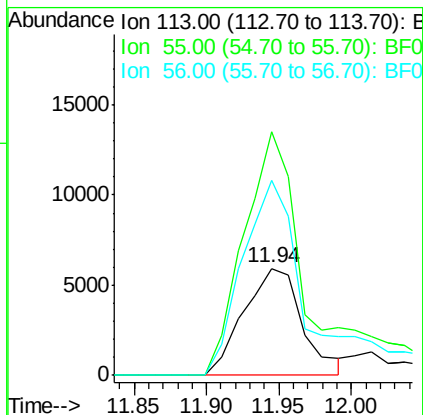
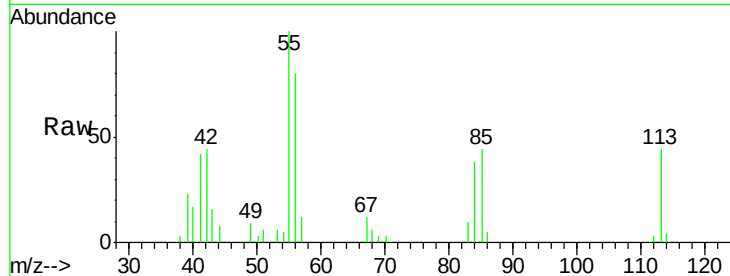
ClientSampleId :

PB81407BS

Tot Ion:113 Resp: 16592
 Ion Ratio Lower Upper
 113 100
 55 227.8 162.1 202.1#
 56 181.9 133.7 173.7#

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#36

4-Chloro-3-methylphenol

Concen: 41.06 ng

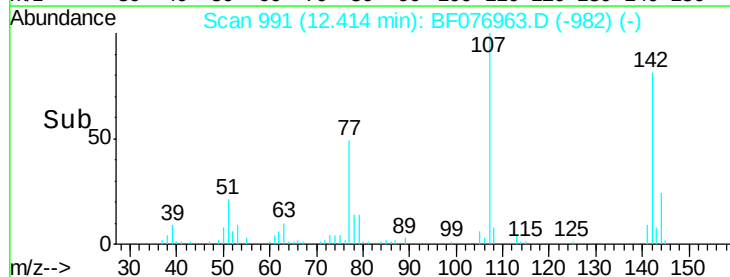
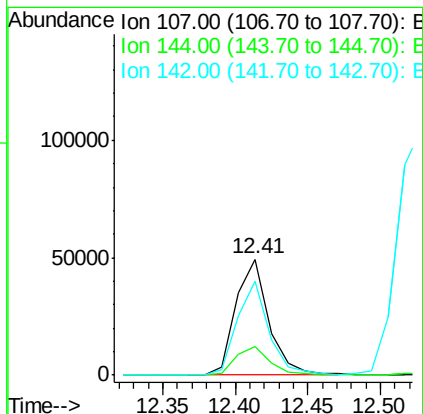
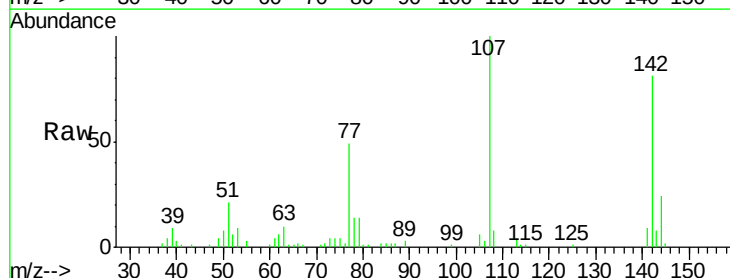
RT: 12.41 min Scan# 991

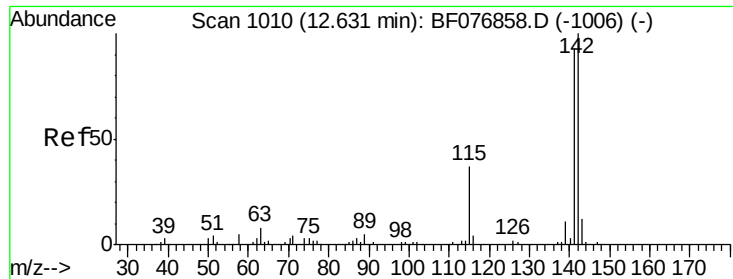
Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Tgt Ion:107 Resp: 78207
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.0 30.0
 142 80.8 63.5 95.3





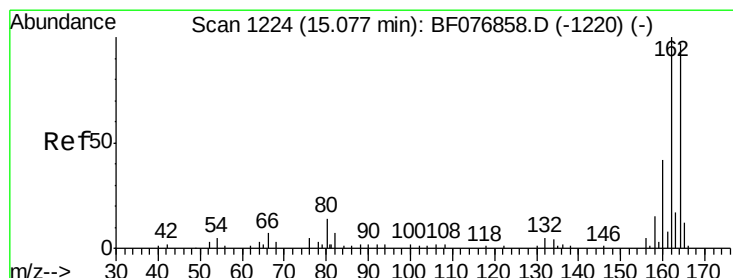
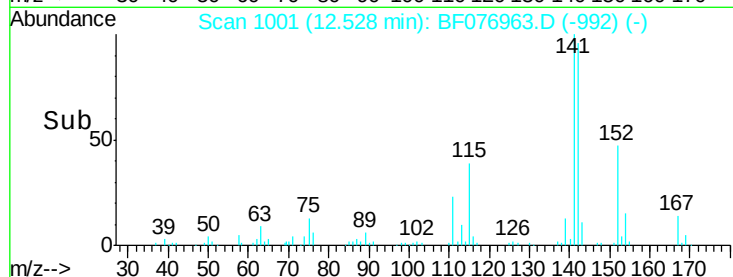
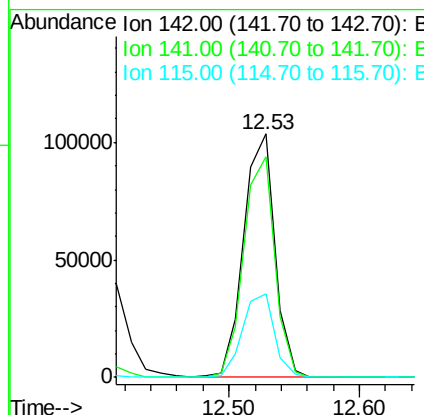
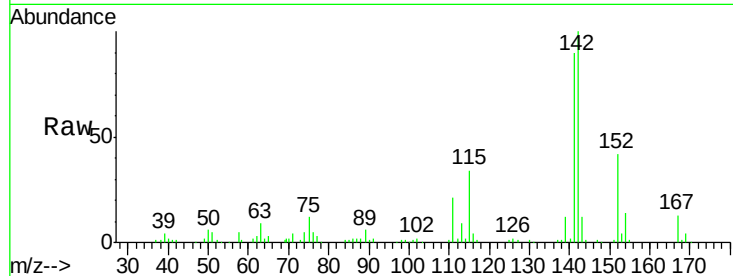
#37
2-Methylnaphthalene
Concen: 39.20 ng
RT: 12.53 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	74.5	111.7
115	34.4	29.7	44.5

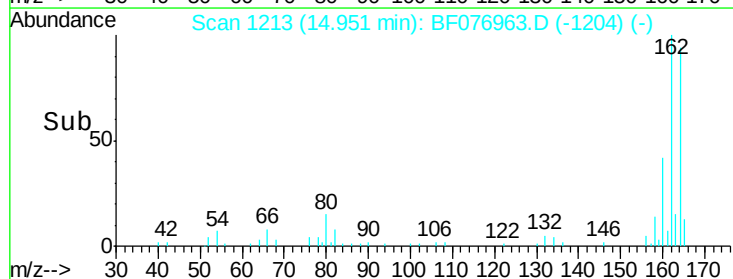
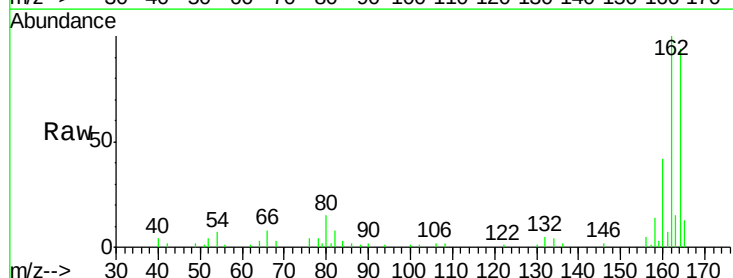
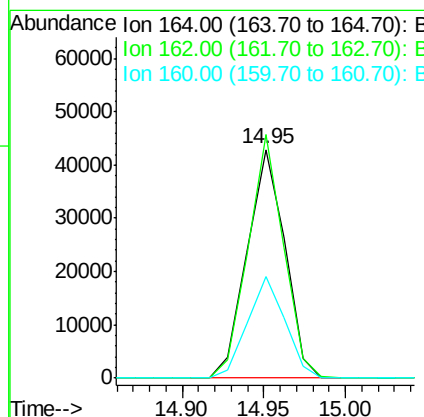
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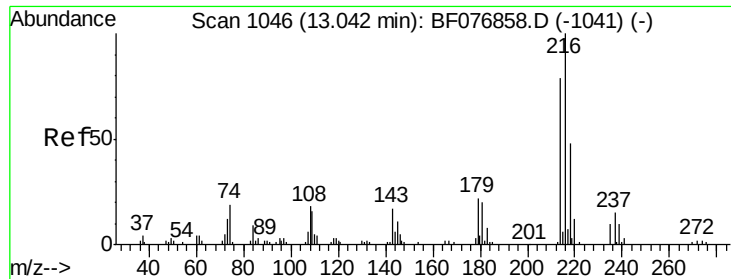
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.4	123.6
160	44.6	34.8	52.2





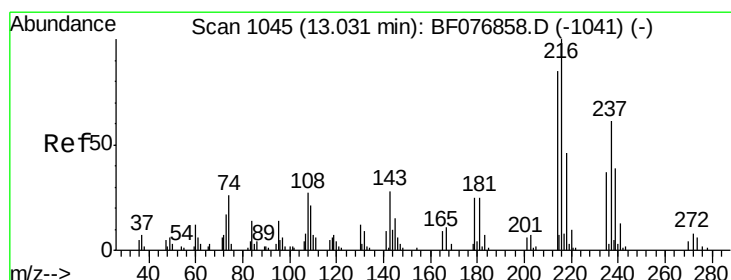
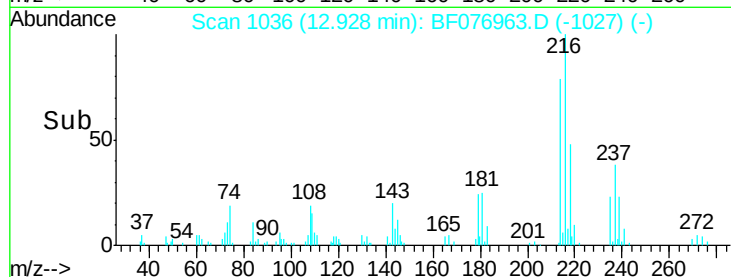
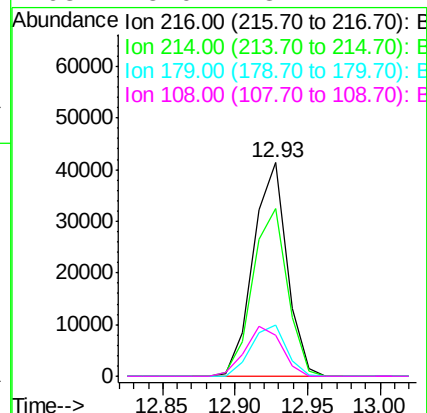
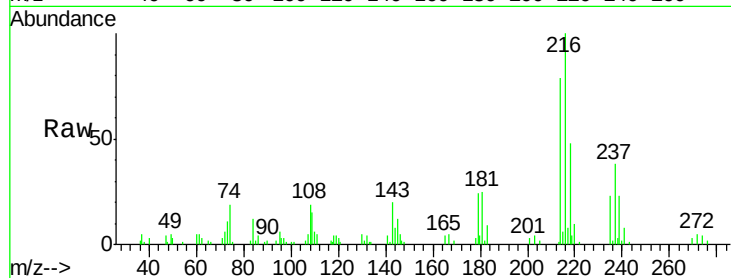
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.03 ng
 RT: 12.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81407BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	81.3		64.9	97.3	
179	25.2		18.6	28.0	
108	25.0		18.1	27.1	

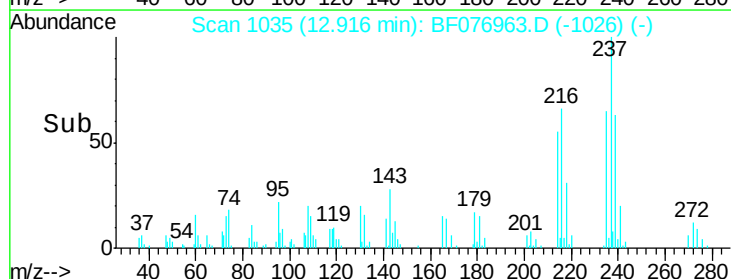
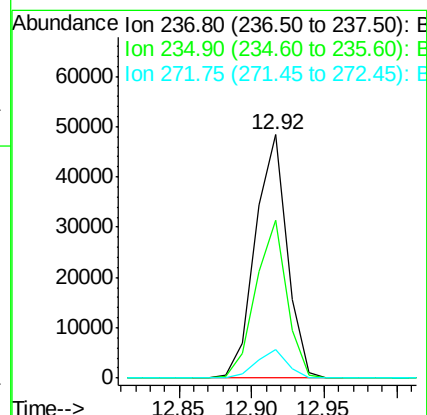
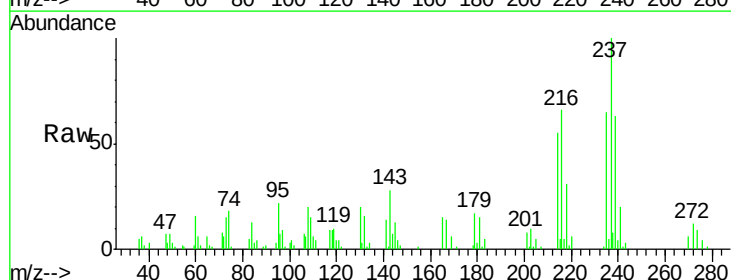
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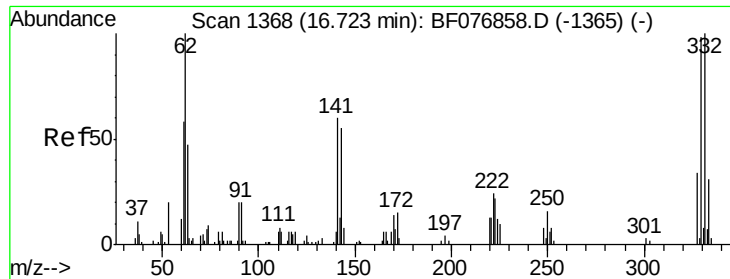
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#40
 Hexachlorocyclopentadiene
 Concen: 80.03 ng
 RT: 12.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.8		40.4	80.4	
272	11.8		0.0	33.2	





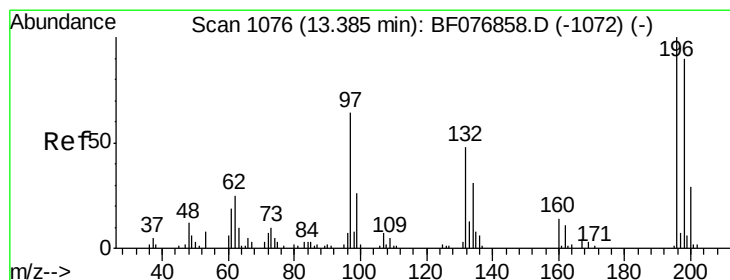
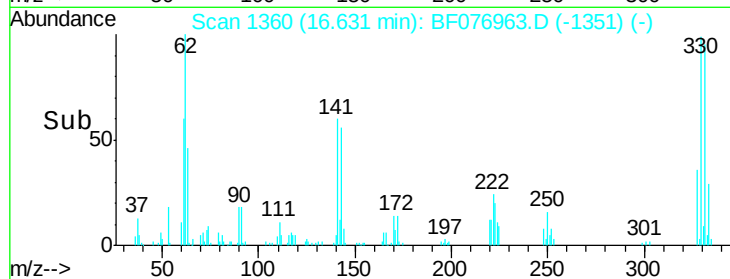
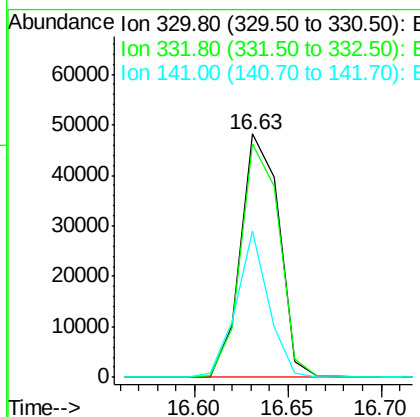
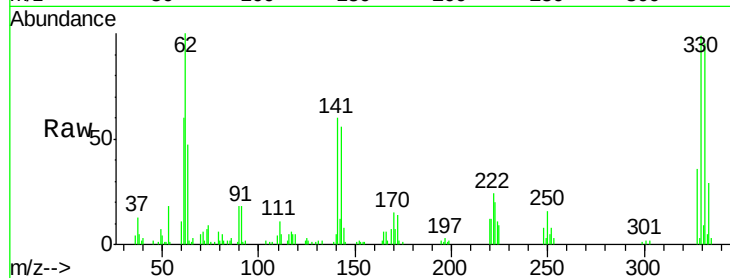
#41
 2,4,6-Tribromophenol
 Concen: 124.62 ng
 RT: 16.63 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81407BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	69651		
332	97.0		77.8	116.6
141	50.8		38.5	57.7

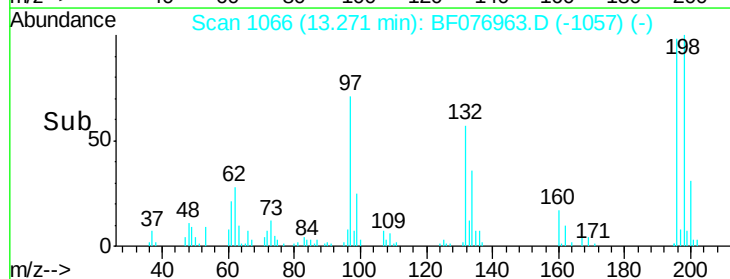
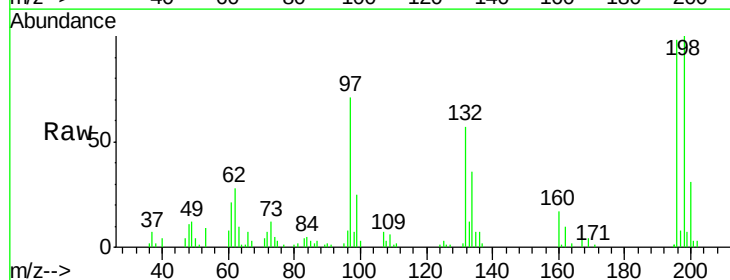
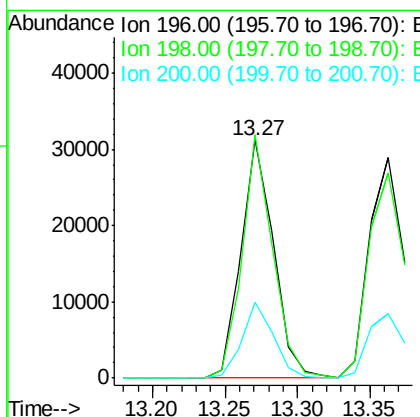
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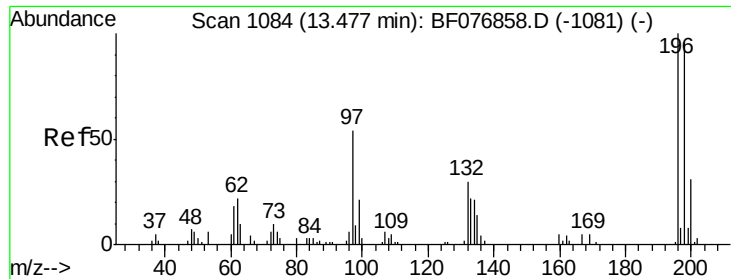
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#42
 2,4,6-Trichlorophenol
 Concen: 39.15 ng
 RT: 13.27 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	48555		
198	102.1		72.0	108.0
200	31.9		23.4	35.2





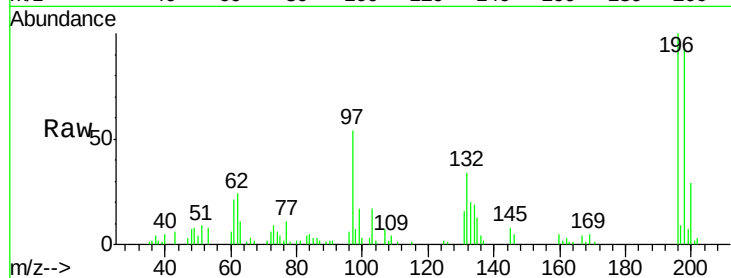
#43
2,4,5-Trichlorophenol
Concen: 41.14 ng
RT: 13.36 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

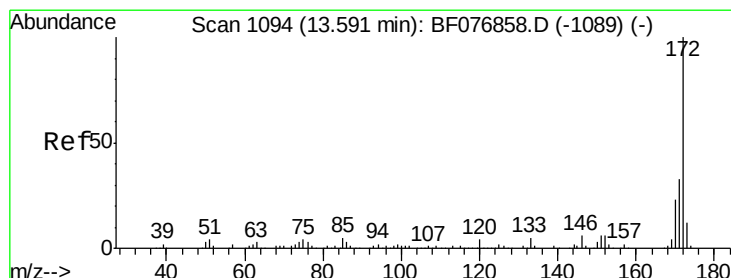
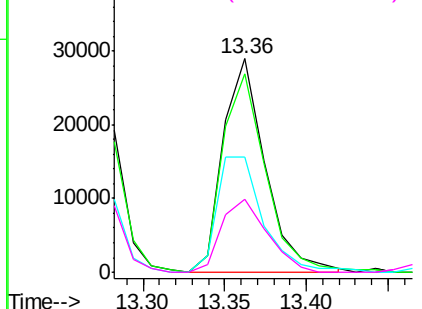
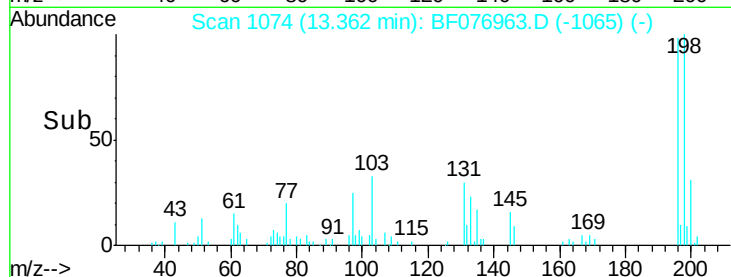
Tot Ion:	196	Resp:	52048
Ion Ratio	Lower	Upper	
196	100		
198	93.0	76.6	115.0
97	53.7	43.4	65.0
132	33.9	23.7	35.5

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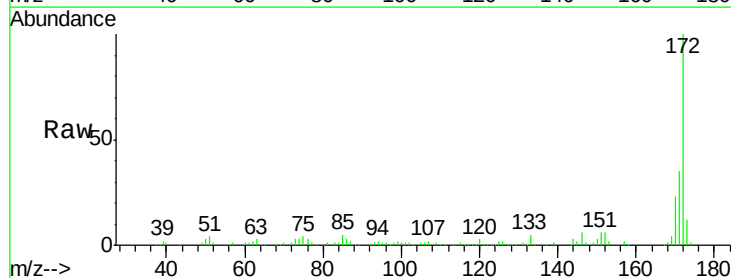


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

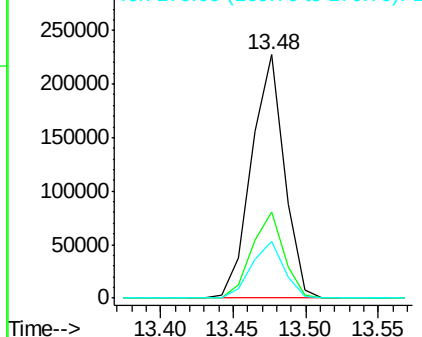
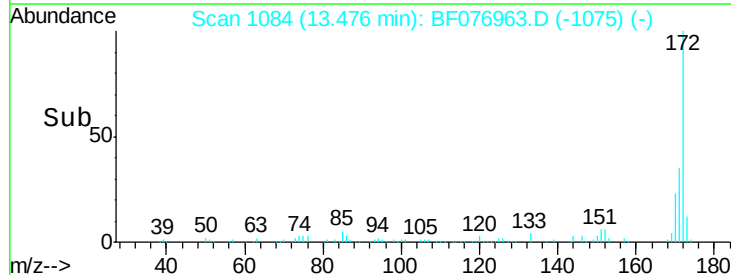


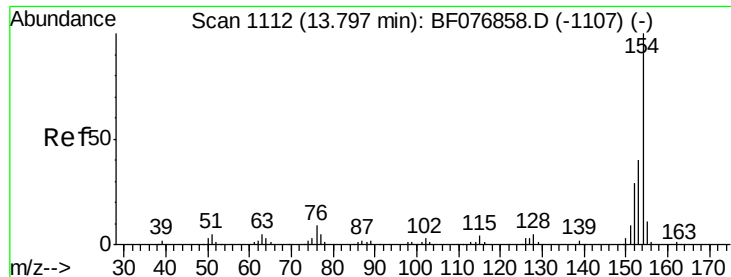
#44
2-Fluorobiphenyl
Concen: 78.50 ng
RT: 13.48 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion:	172	Resp:	355170
Ion Ratio	Lower	Upper	
172	100		
171	35.4	26.6	40.0
170	23.5	18.0	27.0



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





#45

1,1'-Biphenyl

Concen: 39.73 ng

RT: 13.67 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

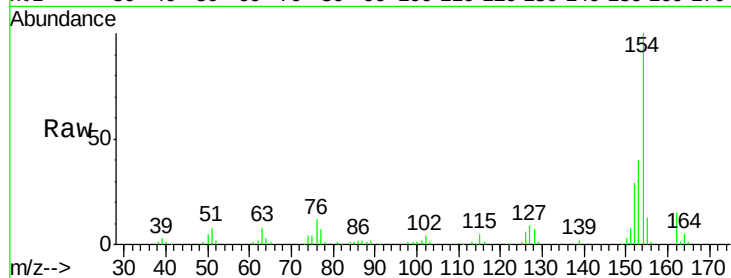
ClientSampleId :

PB81407BS

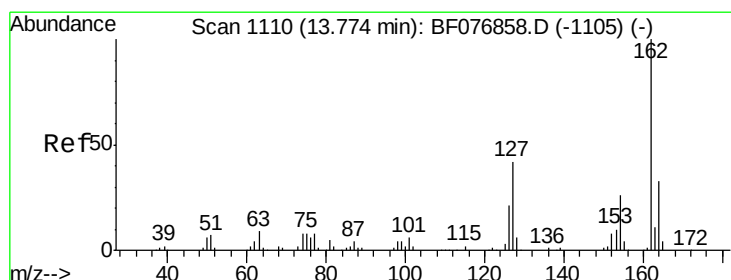
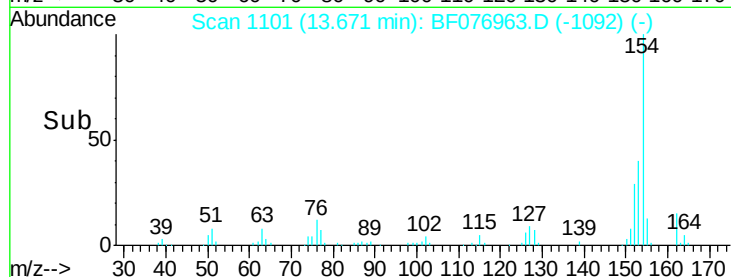
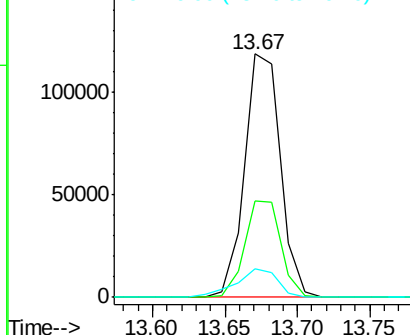
Tot Ion:	154	Resp:	202817
Ion Ratio	Lower	Upper	
154	100		
153	39.7	20.2	60.2
76	11.9	0.0	29.0

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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: 39.58 ng

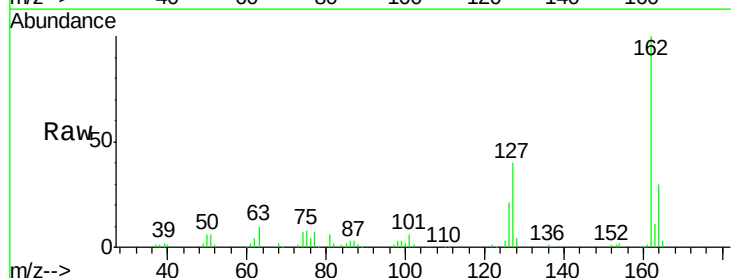
RT: 13.65 min Scan# 1099

Delta R.T. 0.00 min

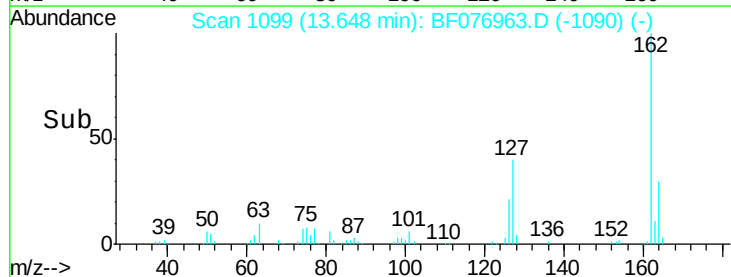
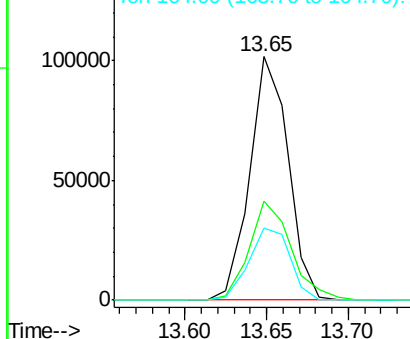
Lab File: BF076963.D

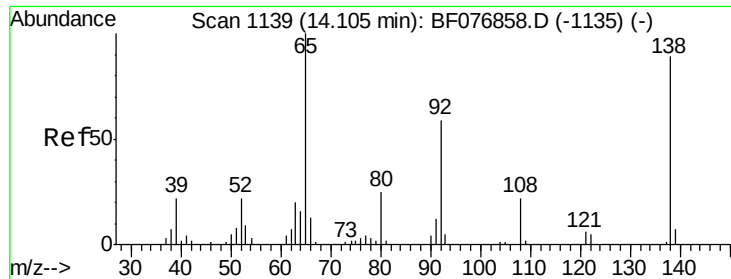
Acq: 20 Jan 2015 15:37

Tgt Ion:	162	Resp:	166241
Ion Ratio	Lower	Upper	
162	100		
127	40.5	33.8	50.6
164	29.8	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





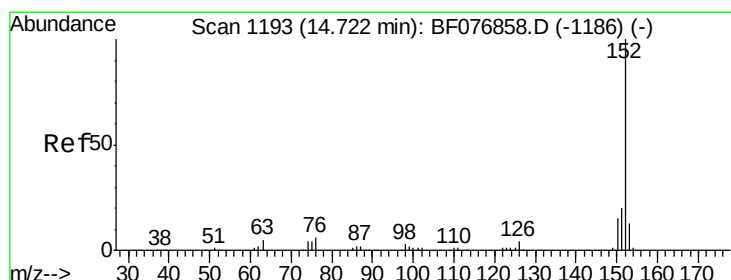
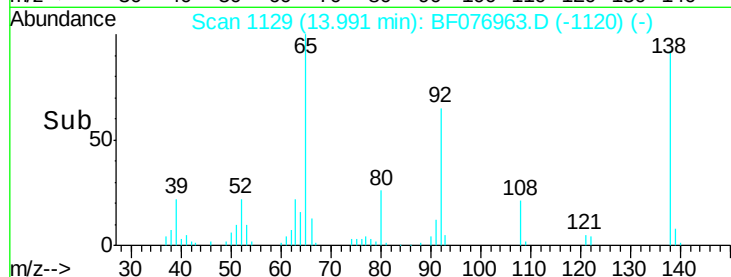
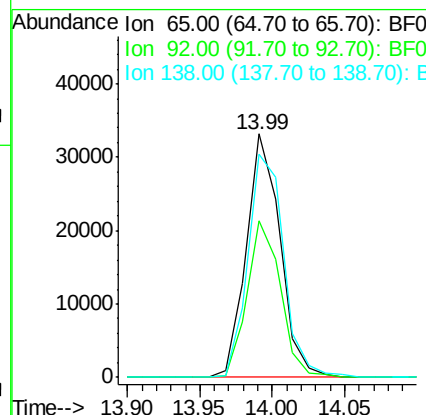
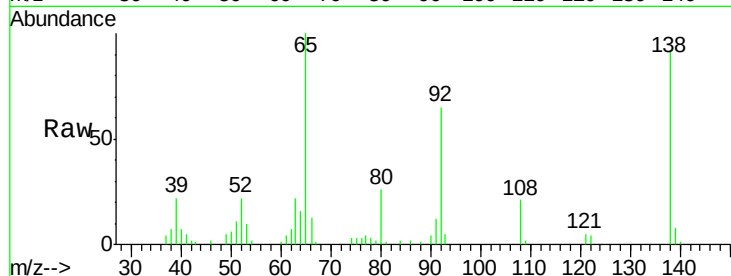
#47
2-Nitroaniline
Concen: 42.10 ng
RT: 13.99 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.5	47.3	70.9
138	91.6	71.4	107.2

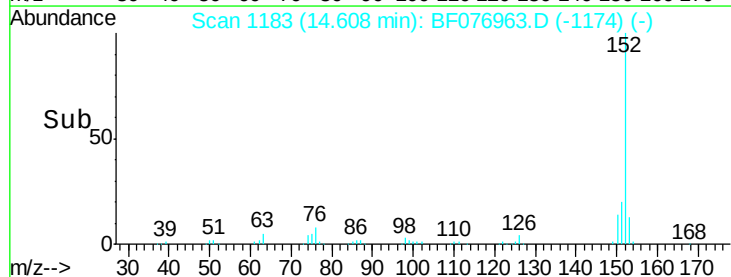
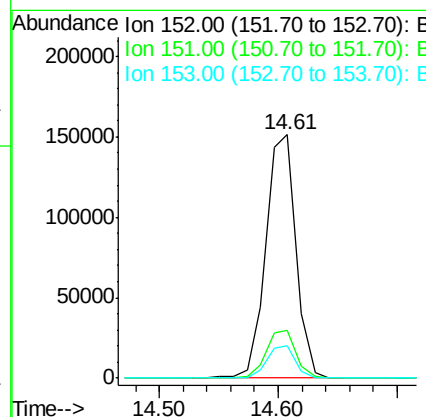
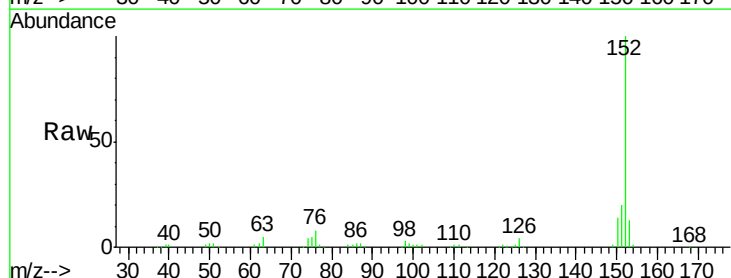
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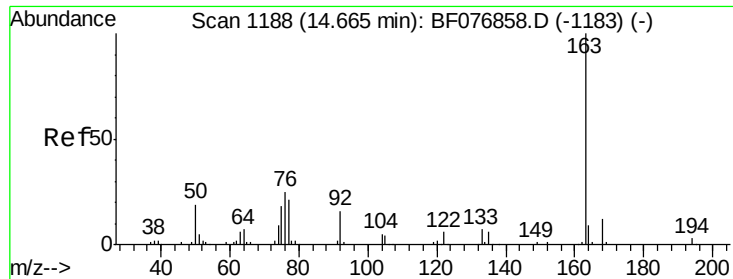
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#48
Acenaphthylene
Concen: 37.76 ng
RT: 14.61 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.1	10.2	15.4





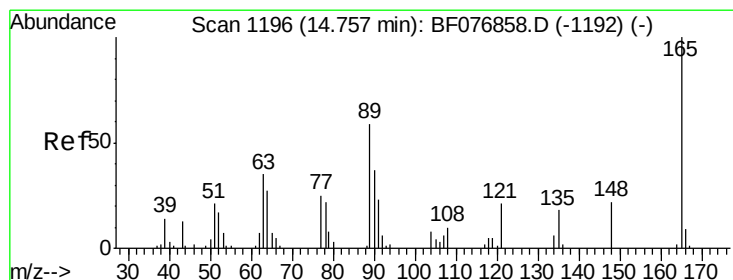
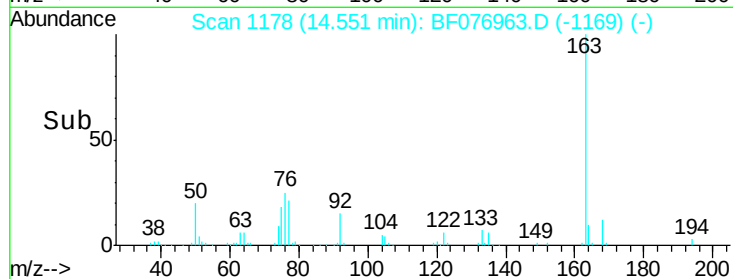
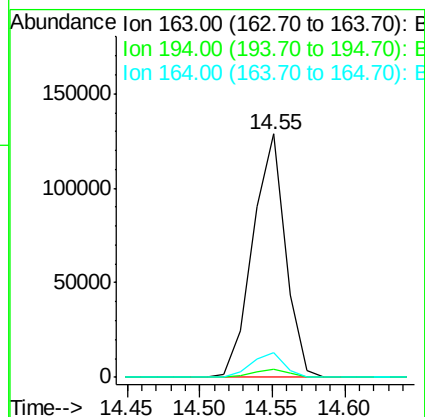
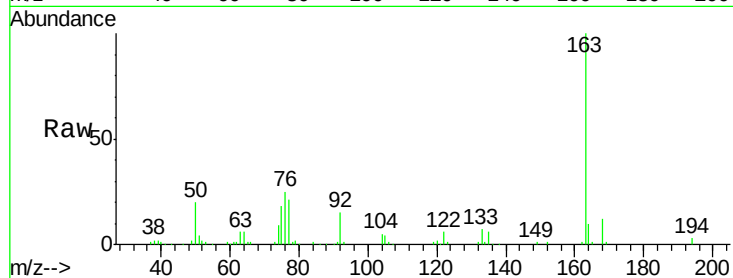
#49
Dimethylphthalate
Concen: 41.04 ng
RT: 14.55 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	7.5	11.3

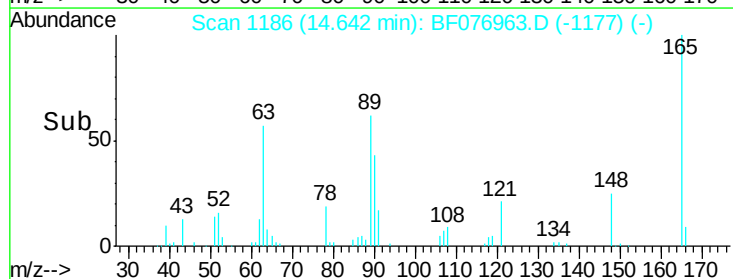
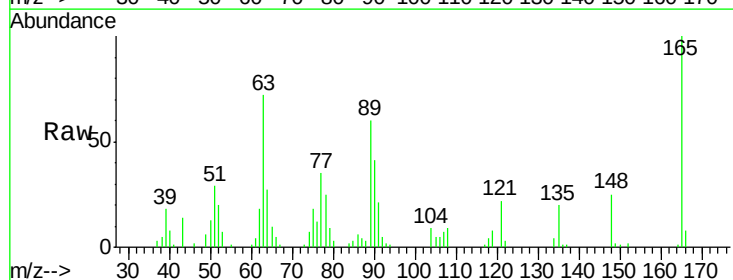
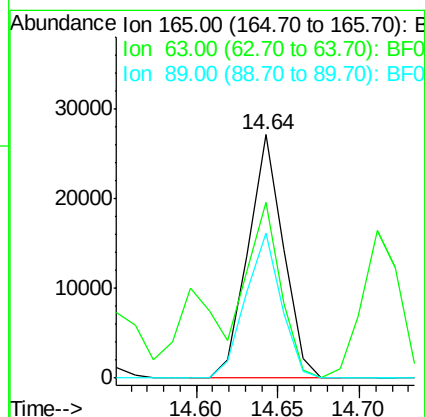
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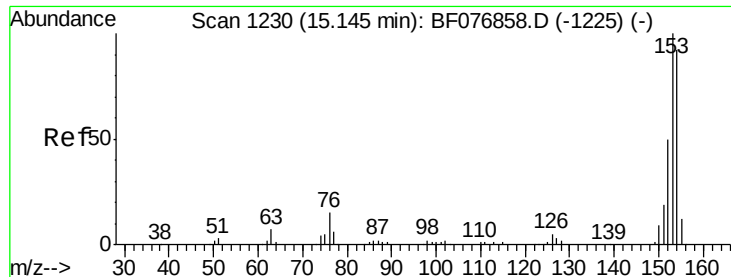
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#50
2,6-Dinitrotoluene
Concen: 41.73 ng
RT: 14.64 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	72.3	48.1	72.1#
89	59.6	47.2	70.8





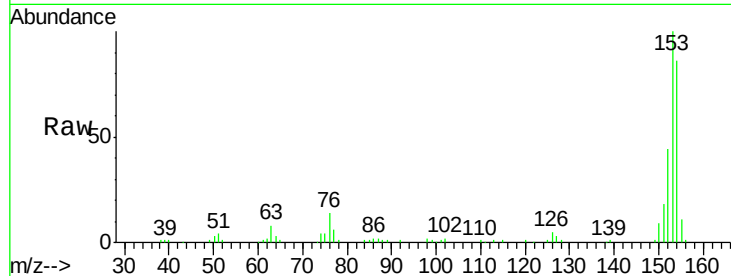
#51
Acenaphthene
Concen: 37.20 ng
RT: 15.03 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

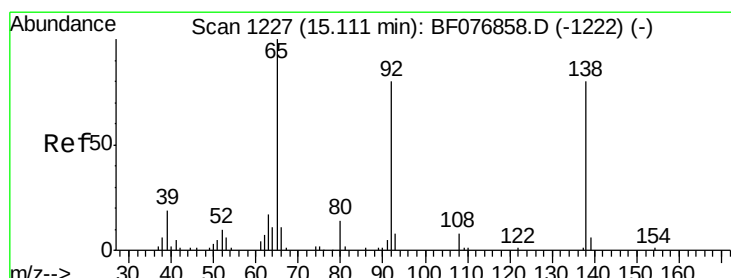
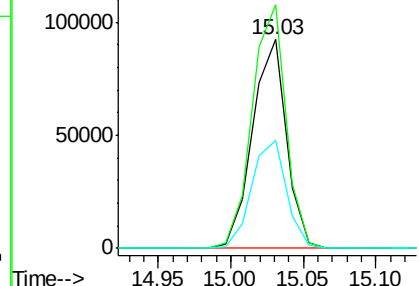
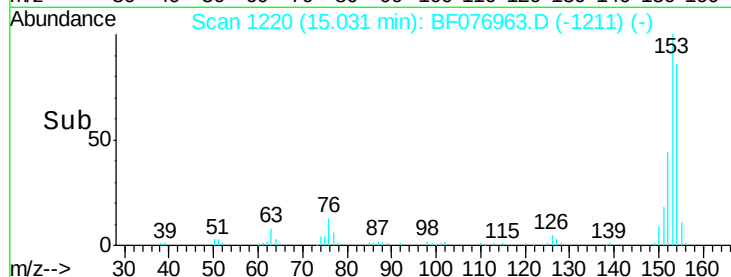
Tot Ion	Ratio	Lower	Upper
154	100		
153	116.5	87.0	130.6
152	51.6	43.5	65.3

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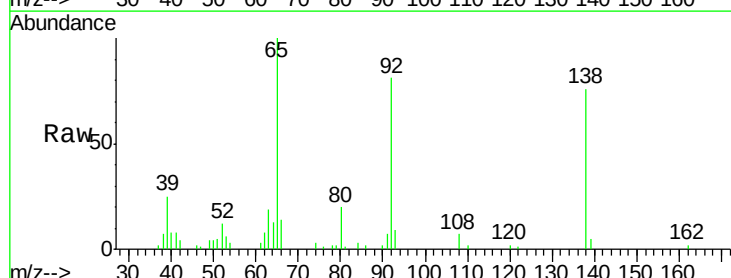


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

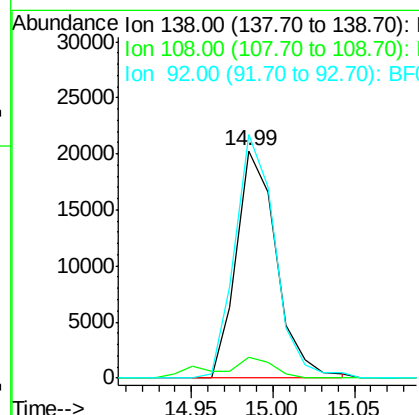
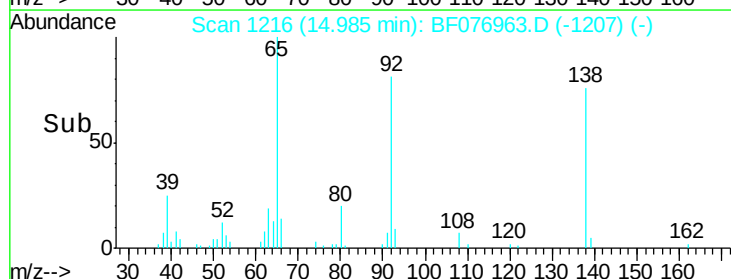


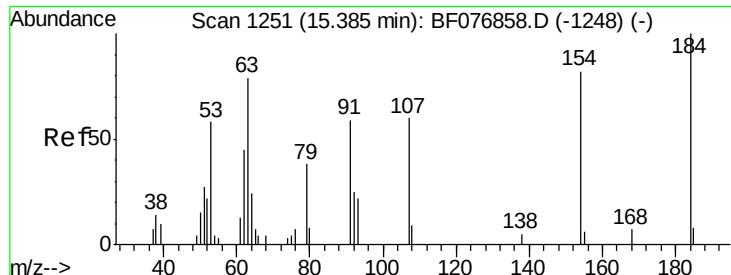
#52
3-Nitroaniline
Concen: 27.88 ng
RT: 14.99 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.0	8.3	12.5
92	107.2	80.9	121.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





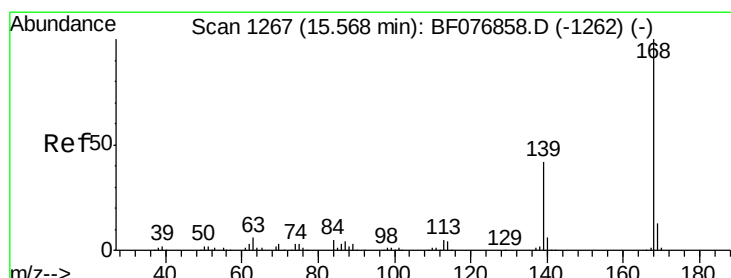
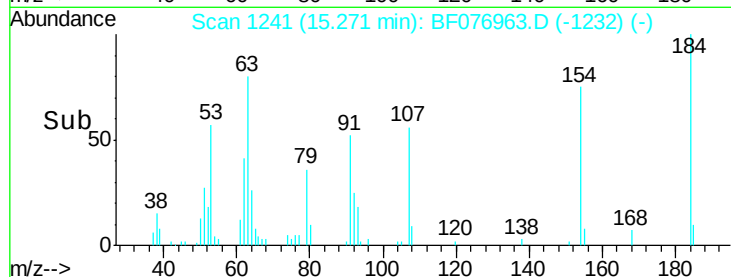
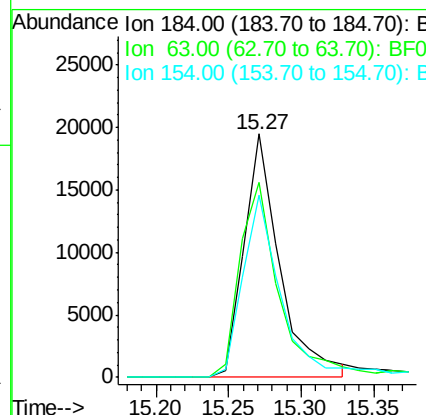
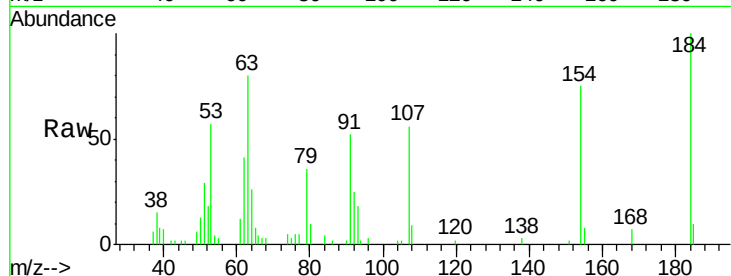
#53
2,4-Dinitrophenol
Concen: 74.01 ng
RT: 15.27 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	79.8	63.0	94.6	
154	75.1	65.5	98.3	

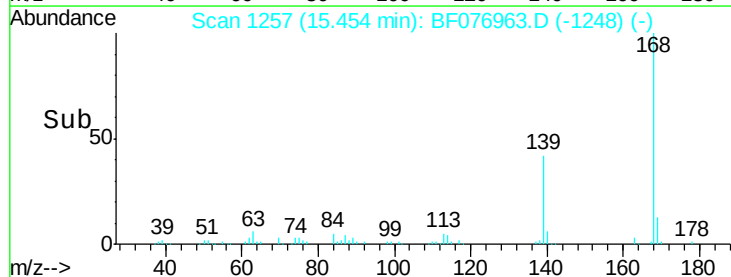
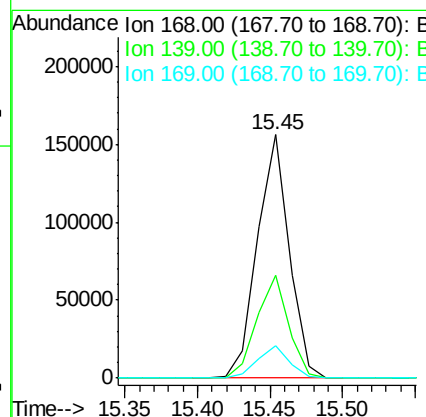
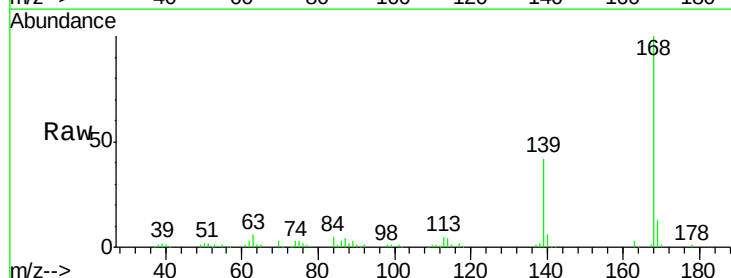
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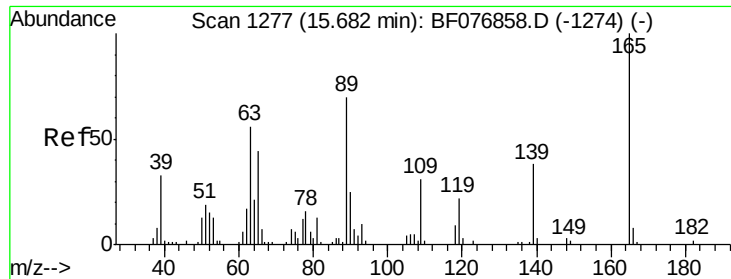
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#54
Dibenzofuran
Concen: 40.53 ng
RT: 15.45 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.0	33.4	50.2	
169	13.2	10.6	15.8	





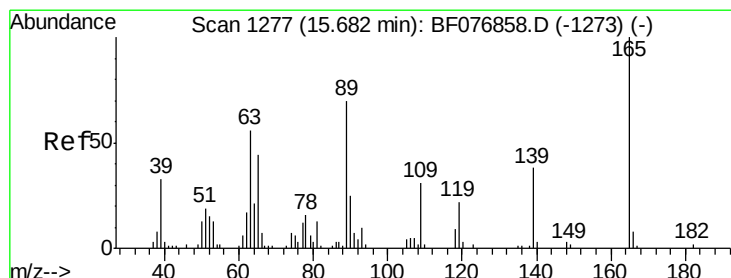
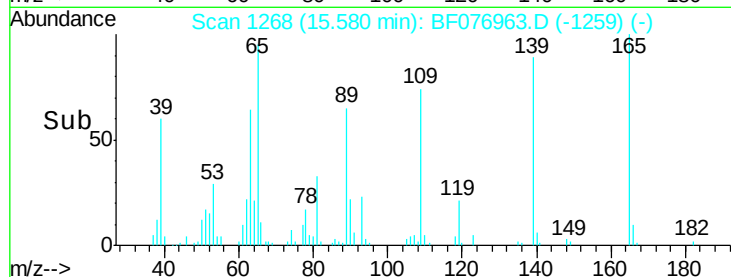
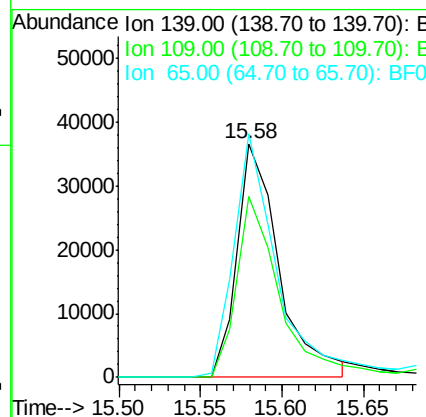
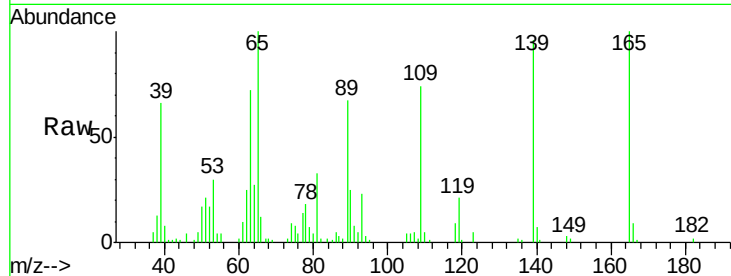
#55
4-Nitrophenol
Concen: 85.85 ng
RT: 15.58 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	65710		
109	77.2	61.0	101.0	
65	104.2	96.6	136.6	

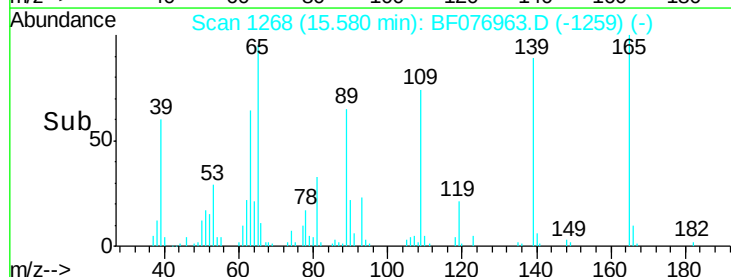
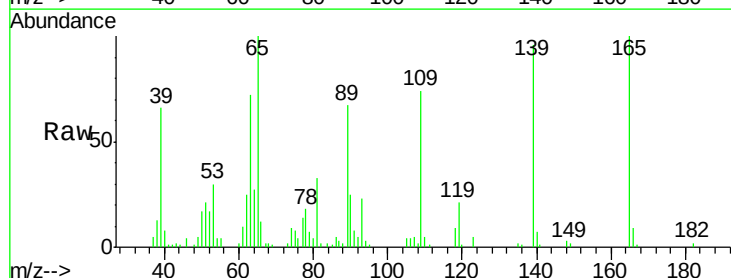
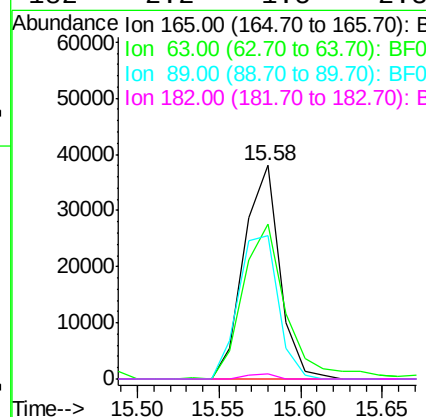
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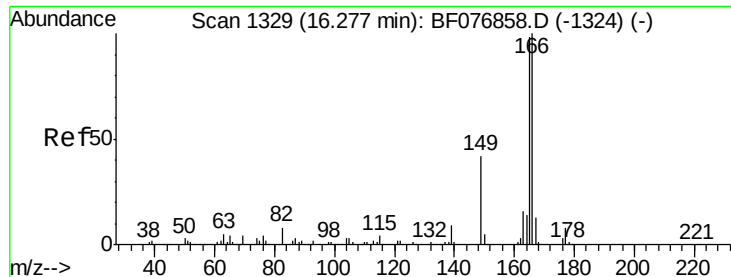
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#56
2,4-Dinitrotoluene
Concen: 39.90 ng
RT: 15.58 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	57805		
63	72.5	44.8	67.2#	
89	66.9	56.2	84.2	
182	2.2	1.5	2.3	





#57

Fluorene

Concen: 38.47 ng

RT: 16.17 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

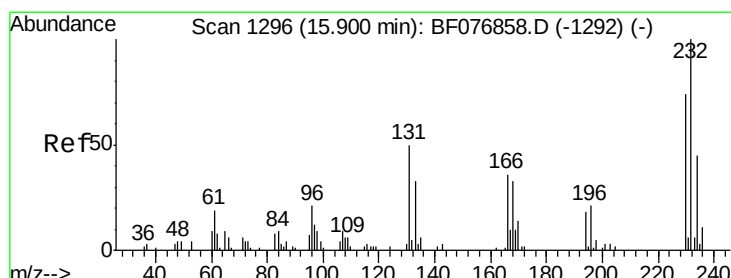
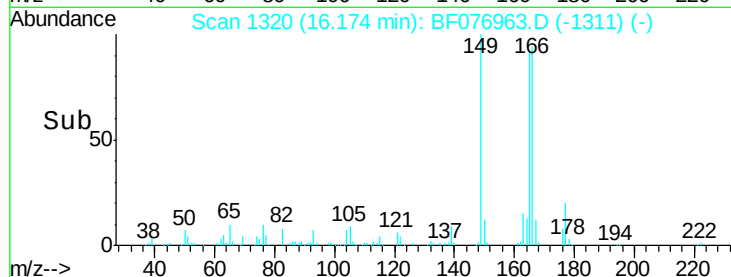
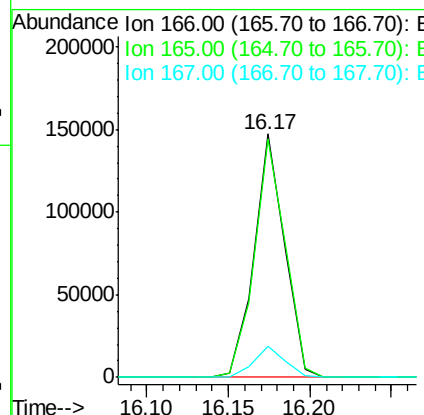
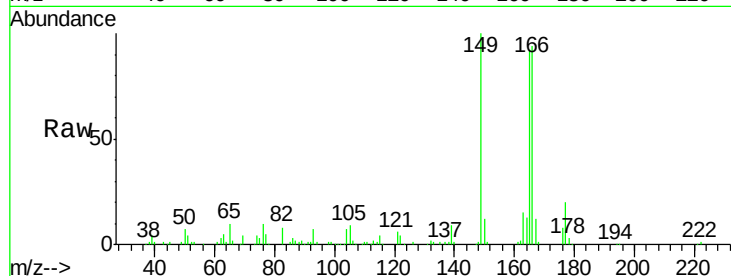
ClientSampleId :

PB81407BS

Tot Ion:	166	Resp:	190868
Ion Ratio	Lower	Upper	
166	100		
165	97.8	78.5	117.7
167	13.0	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.24 ng

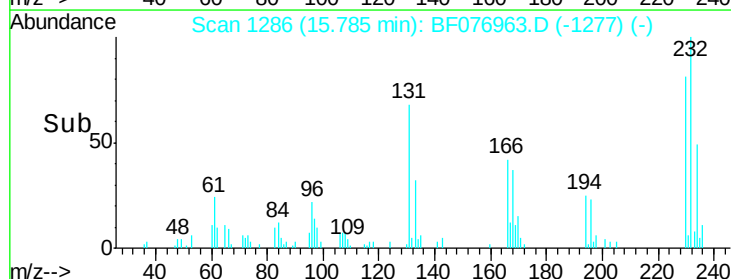
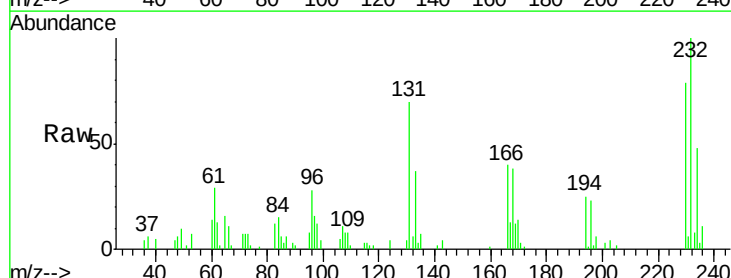
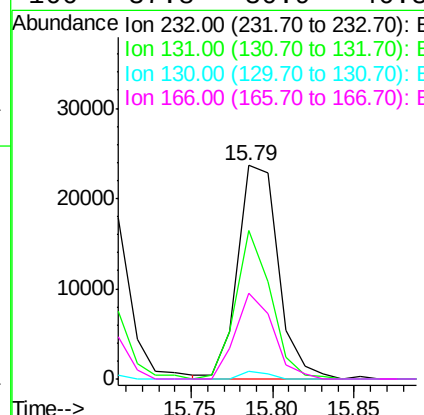
RT: 15.79 min Scan# 1286

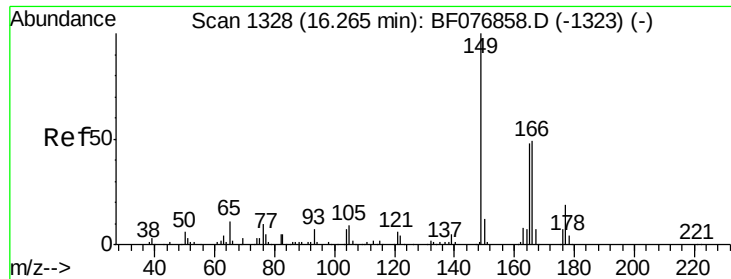
Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Tgt Ion:	232	Resp:	40747
Ion Ratio	Lower	Upper	
232	100		
131	60.7	45.0	67.6
130	2.4	2.6	3.8#
166	37.8	30.9	46.3





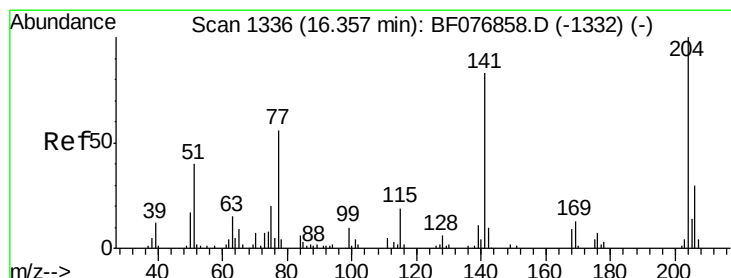
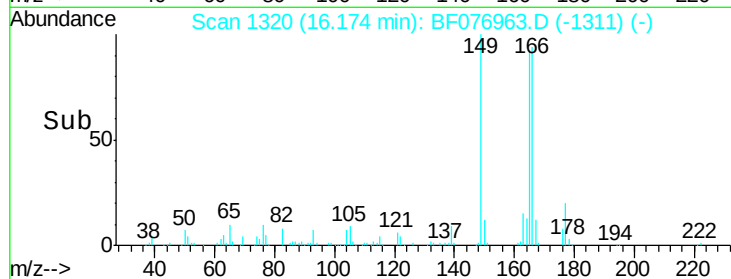
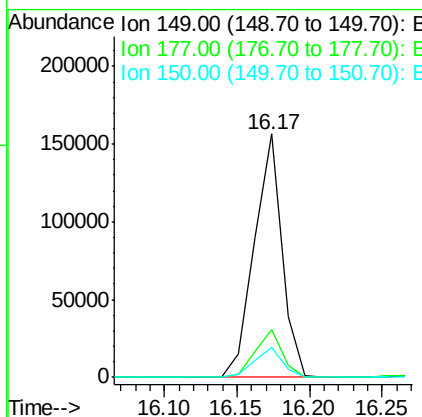
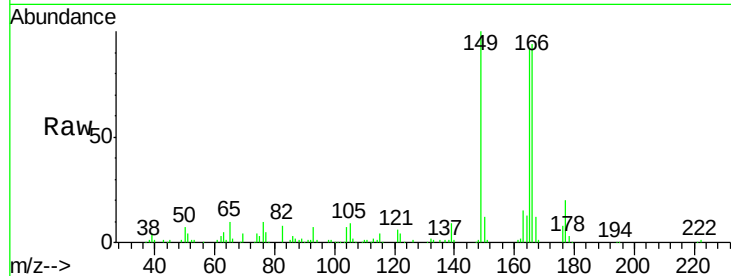
#59
Diethylphthalate
Concen: 41.93 ng
RT: 16.17 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	206918		
177	19.8	15.0	22.6	
150	12.1	9.4	14.0	

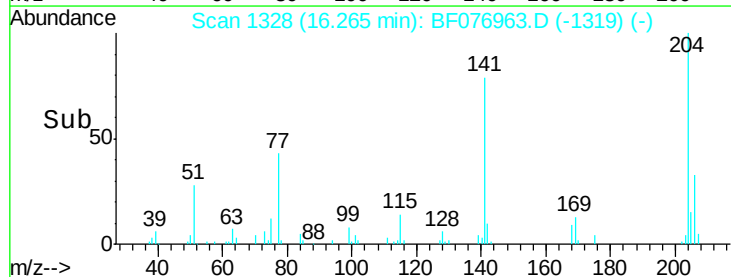
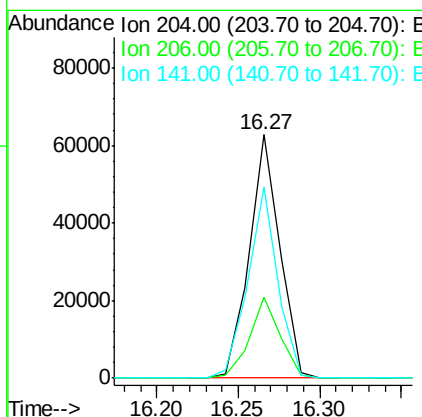
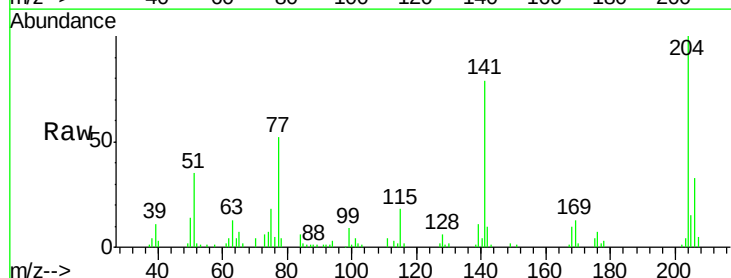
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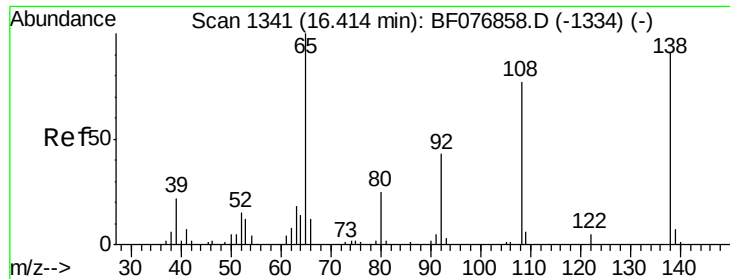
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#60
4-Chlorophenyl-phenylether
Concen: 40.14 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	81488		
206	33.1	24.2	36.2	
141	78.8	66.7	100.1	





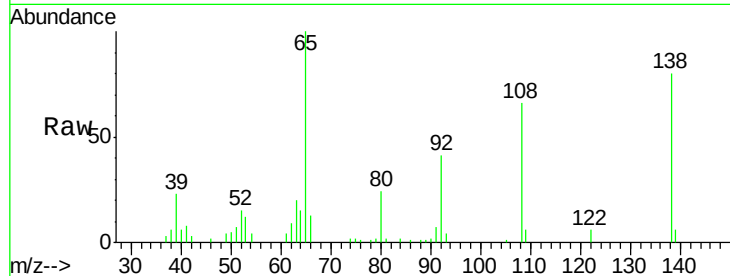
#61
4-Nitroaniline
Concen: 34.61 ng
RT: 16.31 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.1	26.7	66.7
108	82.3	64.5	104.5

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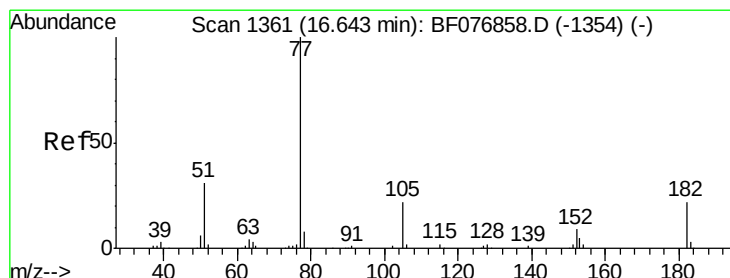
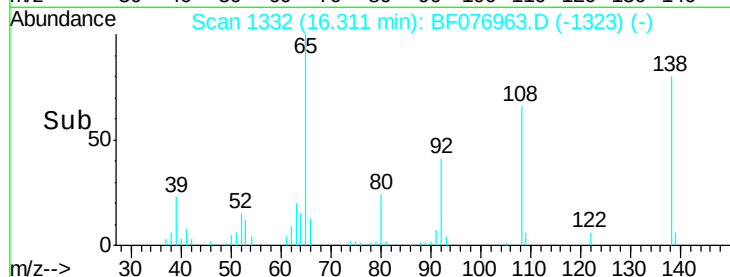
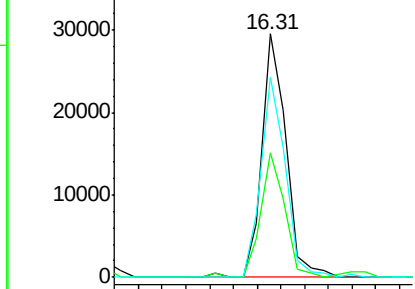


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 39.83 ng
RT: 16.55 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.0	2.0	42.0
105	22.9	2.3	42.3
51	29.2	10.7	50.7

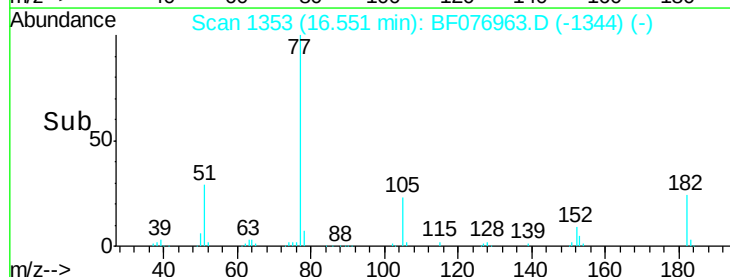
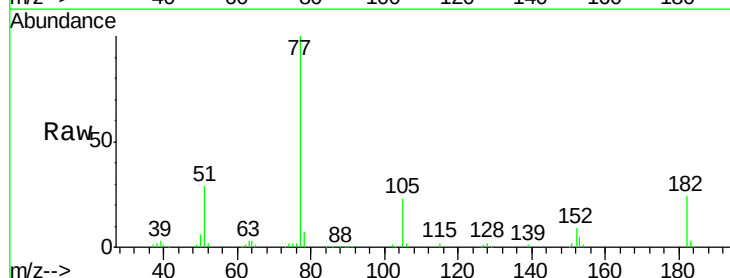
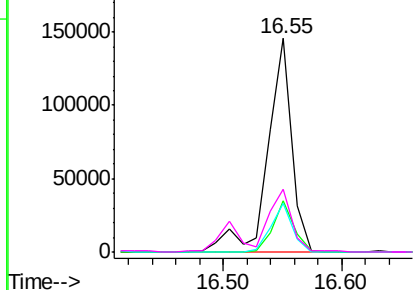
Abundance

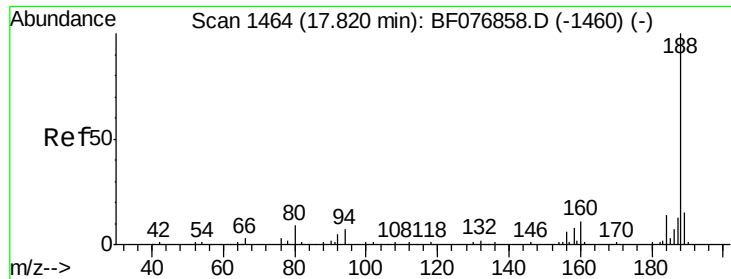
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.73 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

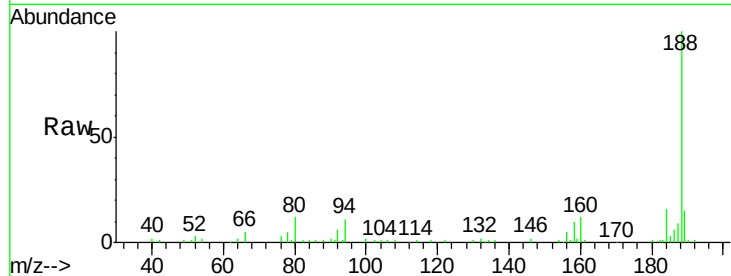
ClientSampleId :

PB81407BS

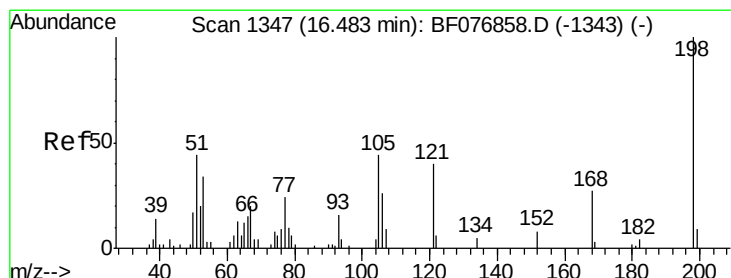
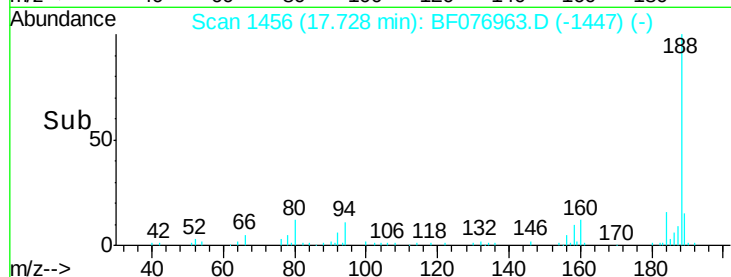
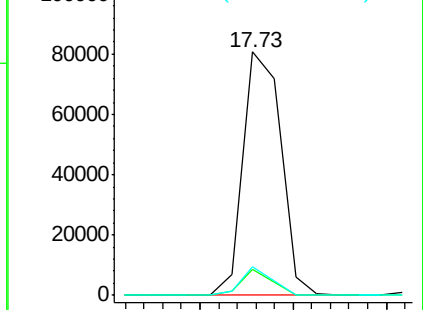
Tot Ion:	188	Resp:	113988
Ion Ratio	Lower	Upper	
188	100		
94	10.8	6.0	9.0#
80	11.8	6.9	10.3#

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 37.25 ng

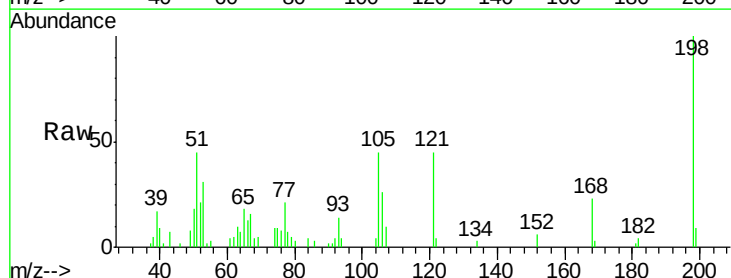
RT: 16.39 min Scan# 1339

Delta R.T. 0.00 min

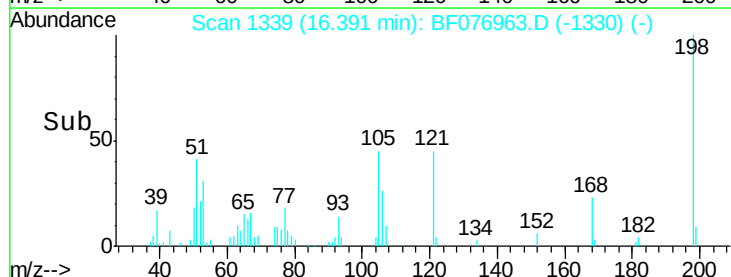
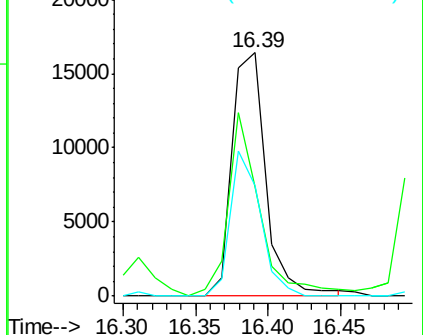
Lab File: BF076963.D

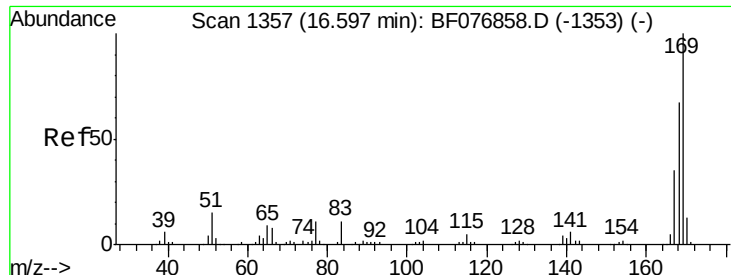
Acq: 20 Jan 2015 15:37

Tgt Ion:	198	Resp:	26704
Ion Ratio	Lower	Upper	
198	100		
51	44.9	24.2	64.2
105	45.2	24.0	64.0



Abundance Ion 198.00 (197.70 to 198.70): E





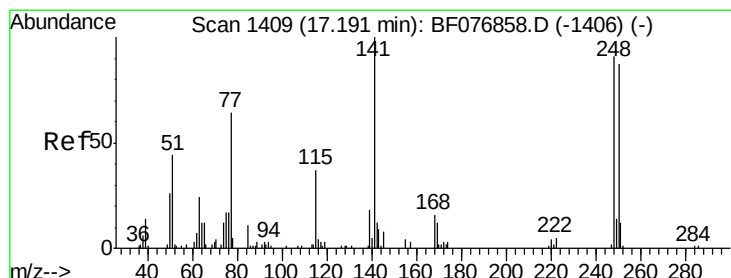
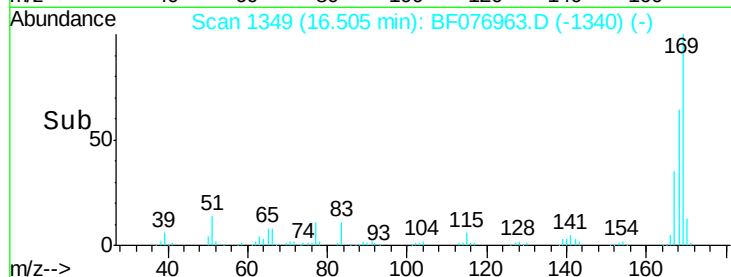
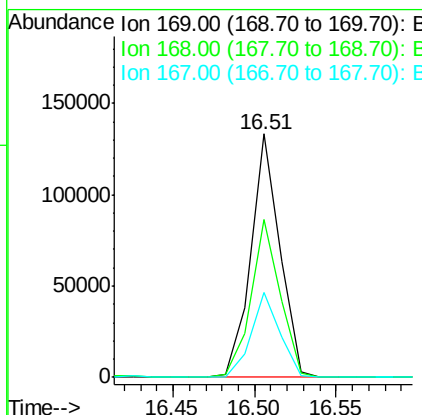
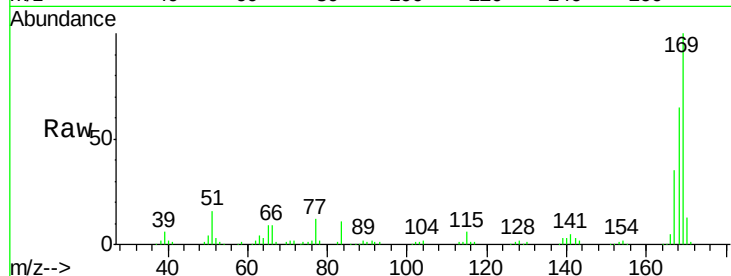
#65
 n-Nitrosodiphenylamine
 Concen: 40.37 ng
 RT: 16.51 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81407BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.9	53.8	80.6
167	34.8	27.8	41.6

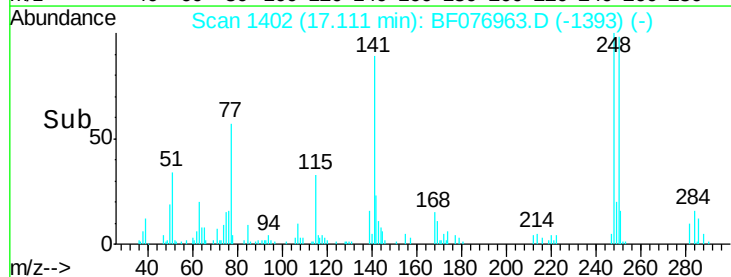
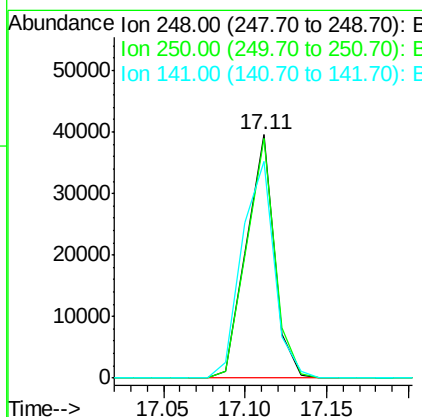
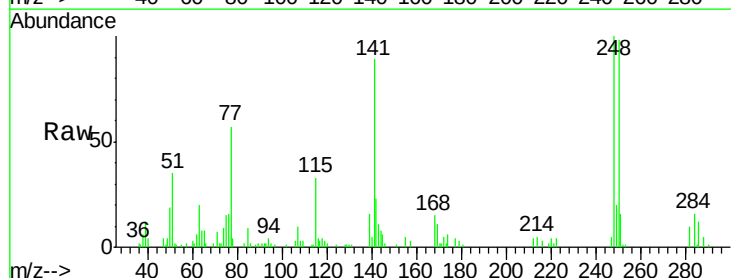
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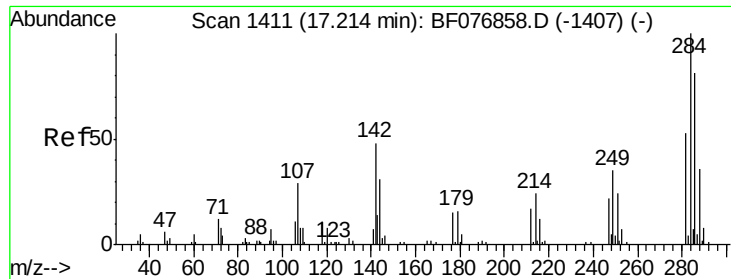
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#66
 4-Bromophenyl-phenylether
 Concen: 40.62 ng
 RT: 17.11 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.1	115.7
141	89.0	88.2	132.4





#67

Hexachlorobenzene

Concen: 41.81 ng

RT: 17.12 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

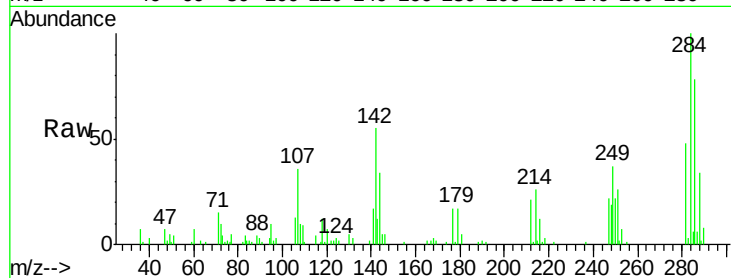
ClientSampleId :

PB81407BS

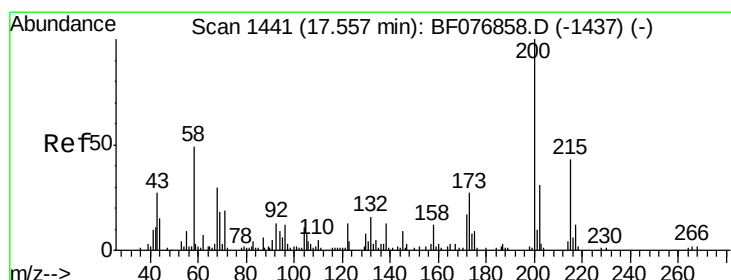
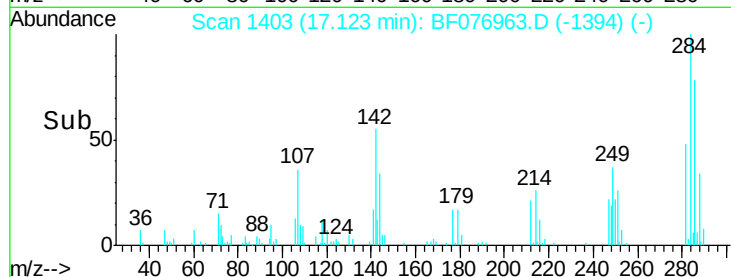
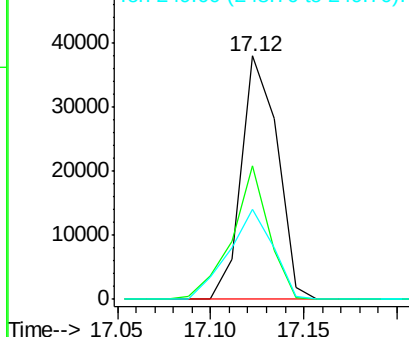
Tot Ion:	284	Resp:	50887
Ion Ratio	Lower	Upper	
284	100		
142	54.8	38.2	57.4
249	36.8	28.2	42.2

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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: 49.45 ng

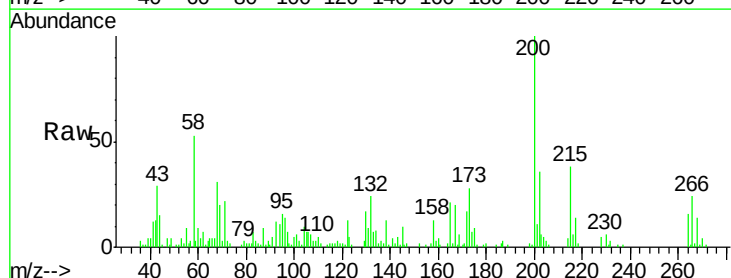
RT: 17.48 min Scan# 1434

Delta R.T. 0.00 min

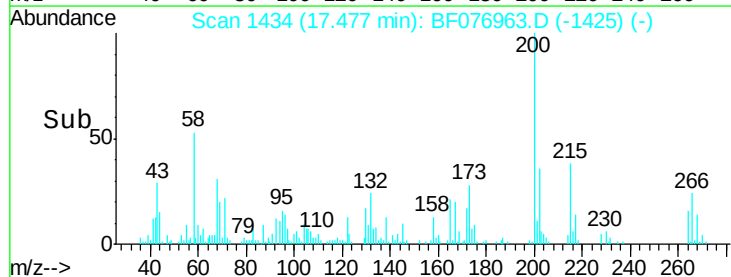
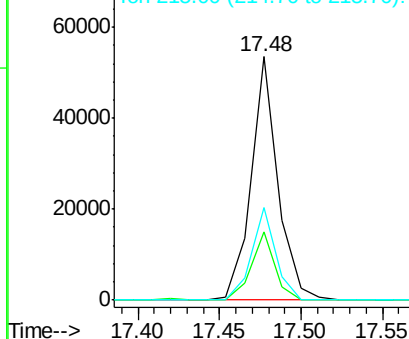
Lab File: BF076963.D

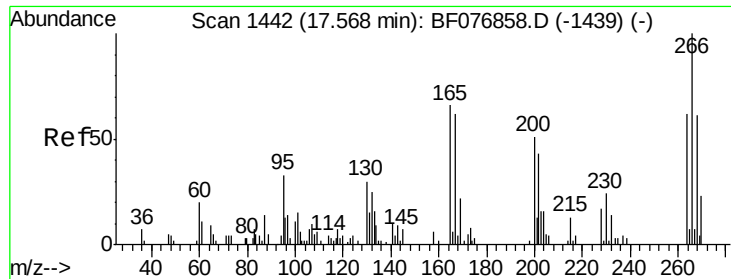
Acq: 20 Jan 2015 15:37

Tgt Ion:	200	Resp:	60993
Ion Ratio	Lower	Upper	
200	100		
173	27.9	6.6	46.6
215	38.2	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





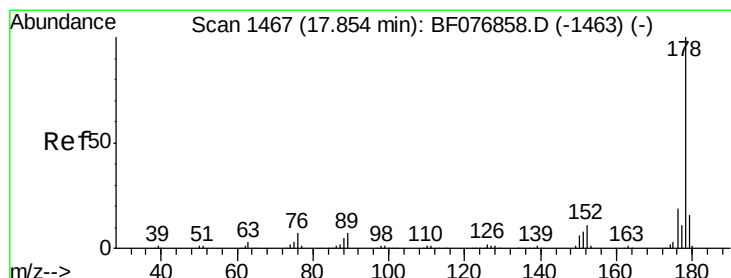
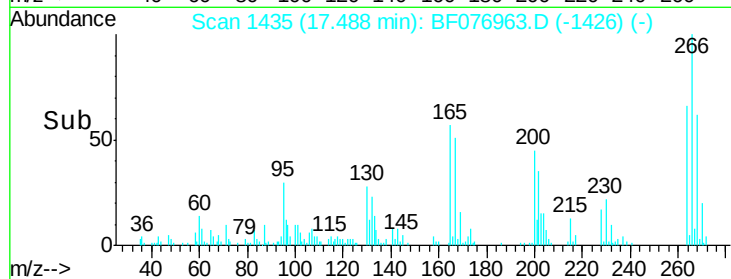
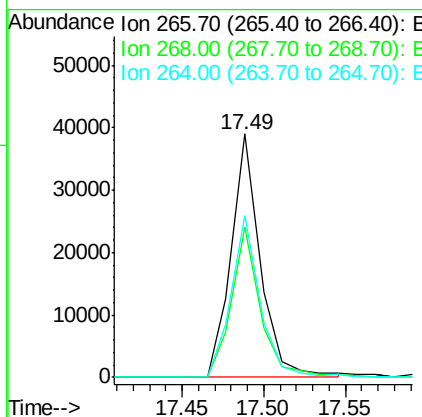
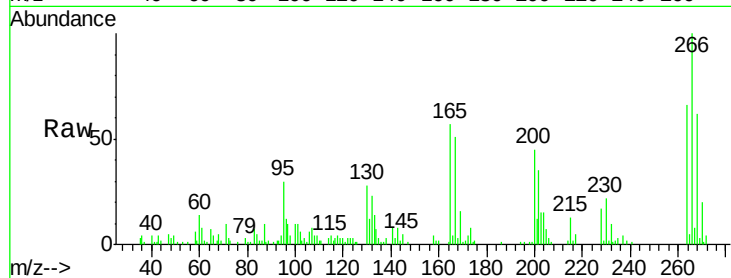
#69
 Pentachlorophenol
 Concen: 85.82 ng
 RT: 17.49 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81407BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.8	48.6	72.8
264	66.4	49.5	74.3

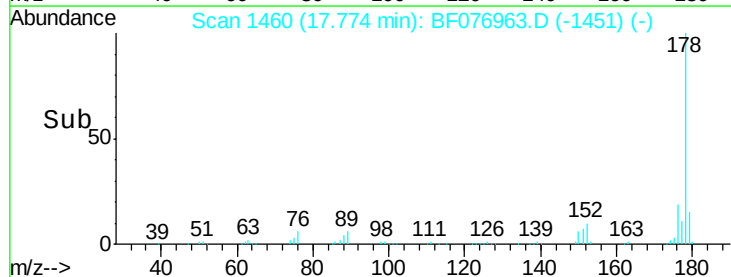
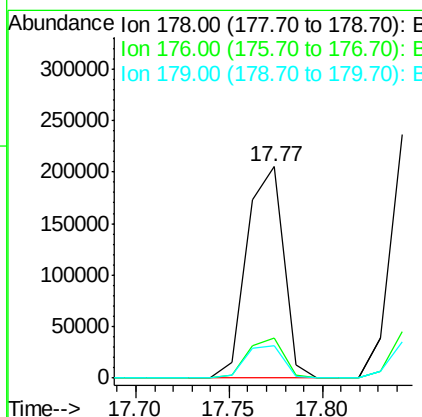
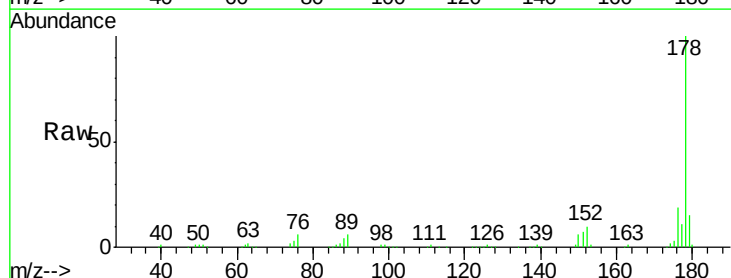
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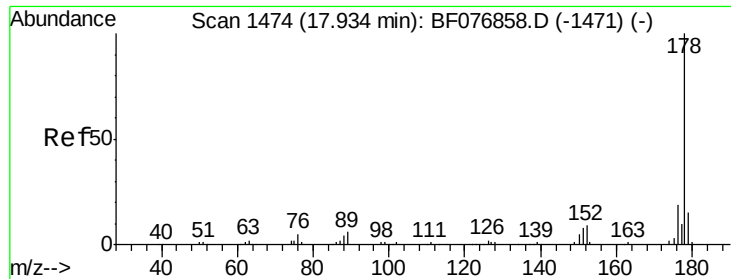
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#70
 Phenanthrene
 Concen: 39.30 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.5	12.7	19.1





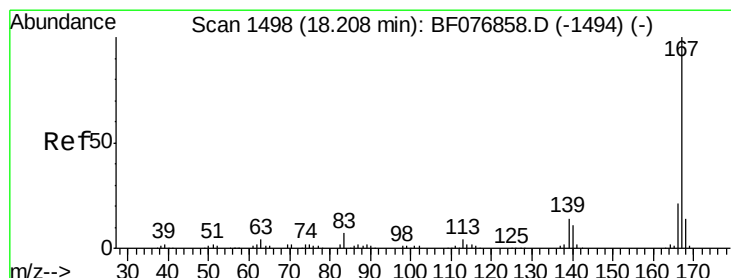
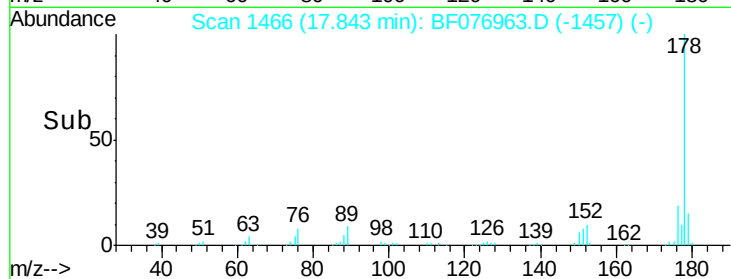
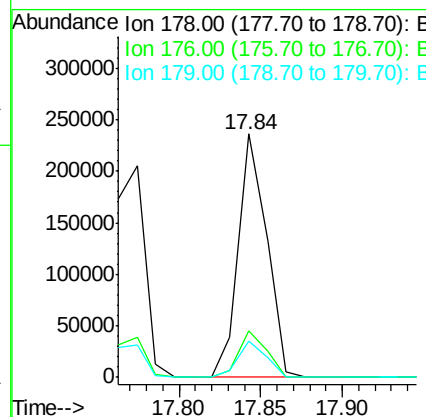
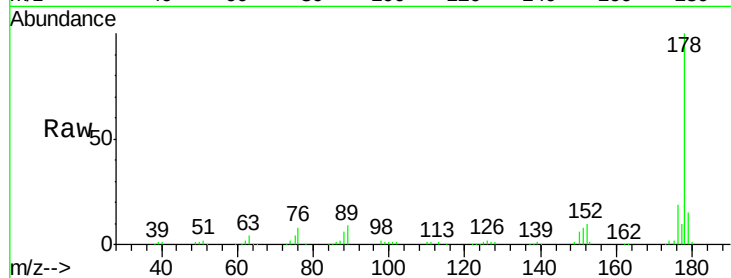
#71
 Anthracene
 Concen: 41.08 ng
 RT: 17.84 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81407BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	14.8	11.9	17.9

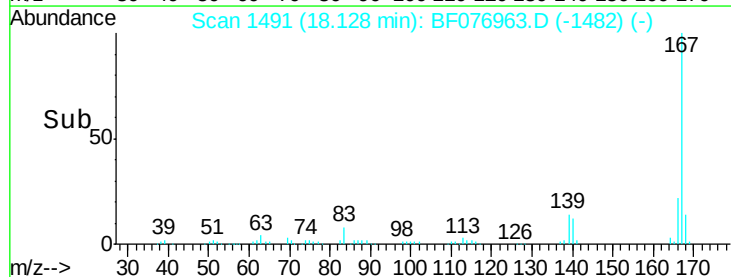
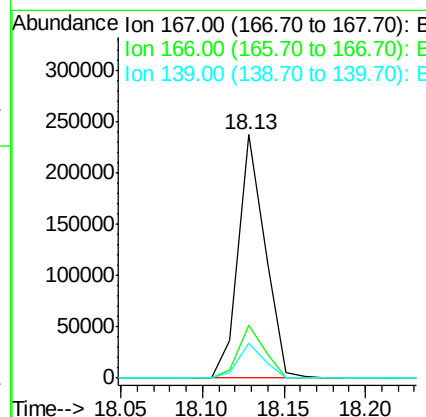
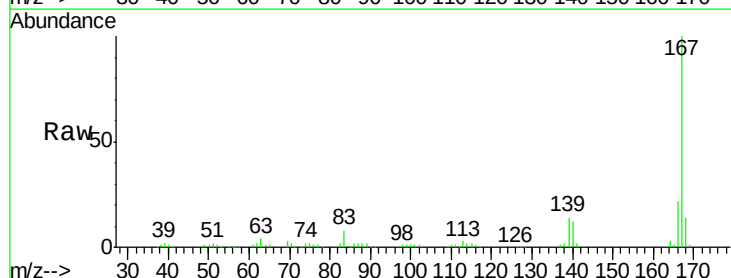
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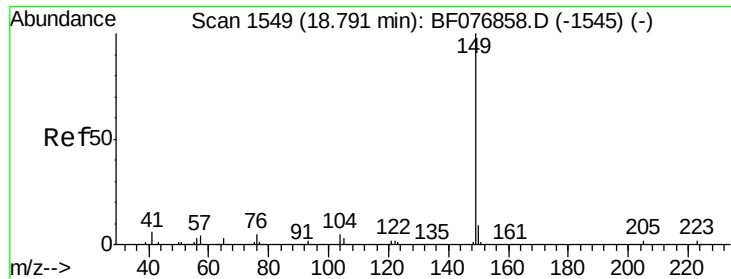
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#72
 Carbazole
 Concen: 40.07 ng
 RT: 18.13 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.6
139	14.3	11.3	16.9





#73

Di-n-butylphthalate

Concen: 45.15 ng

RT: 18.72 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

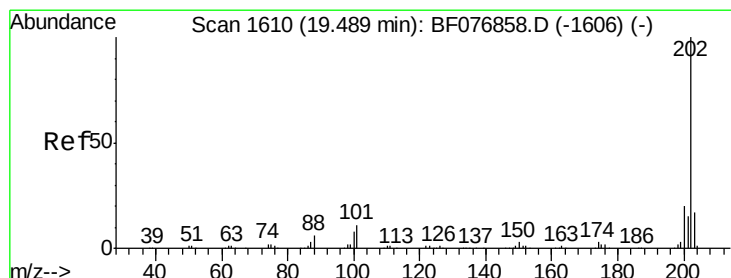
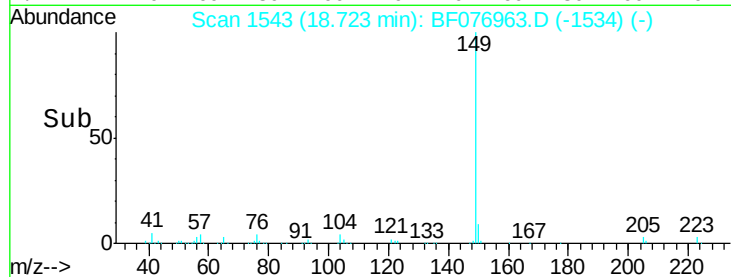
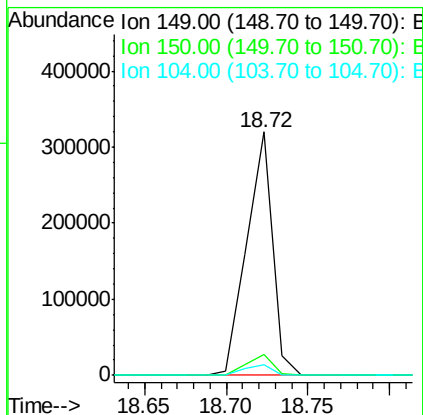
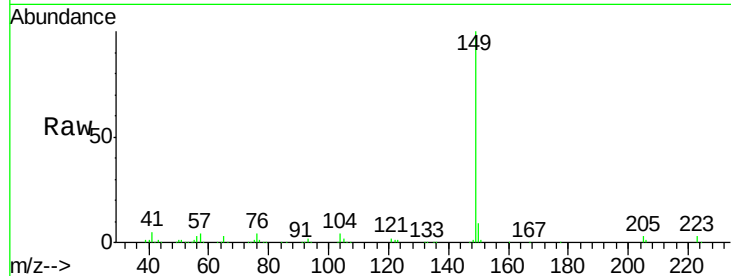
ClientSampleId :

PB81407BS

Tot Ion:	149	Resp:	351347
Ion Ratio	Lower	Upper	
149	100		
150	8.7	6.9	10.3
104	4.3	3.7	5.5

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#74

Fluoranthene

Concen: 40.45 ng

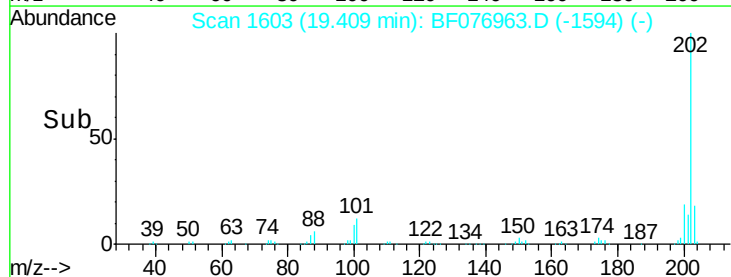
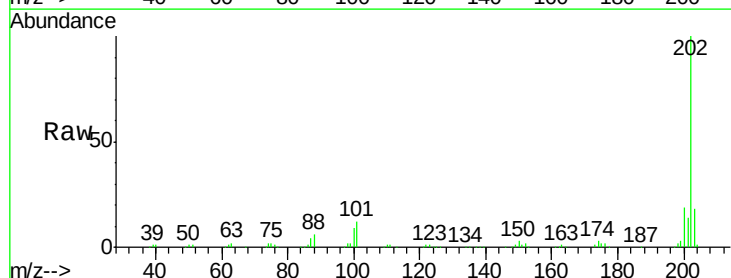
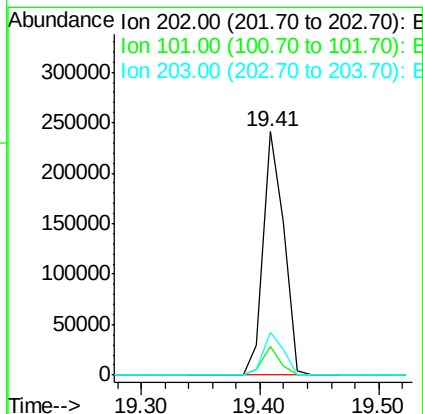
RT: 19.41 min Scan# 1603

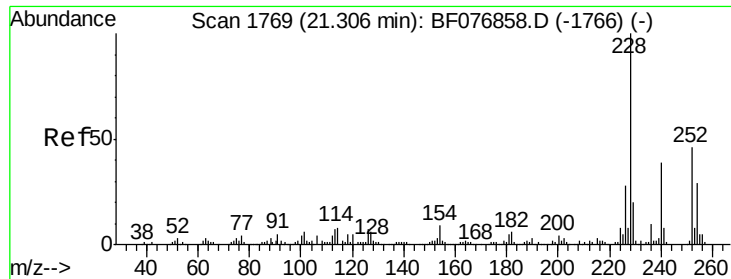
Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Tgt Ion:	202	Resp:	294615
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	30.7
203	17.8	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

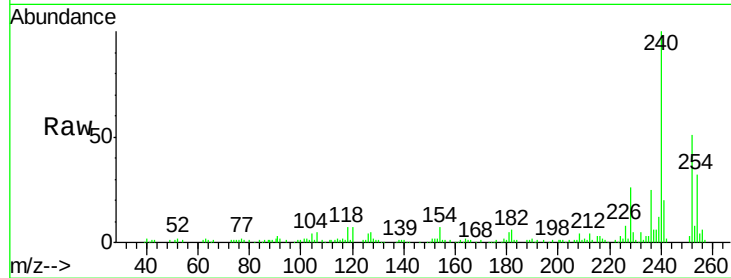
ClientSampleId :

PB81407BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	112557		
120	6.7	10.4	15.6	
236	24.7	20.2	30.2	

Manual Integrations
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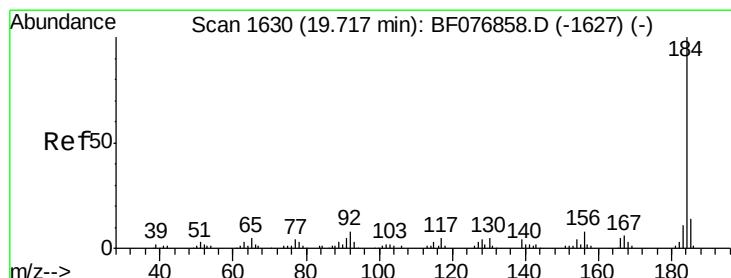
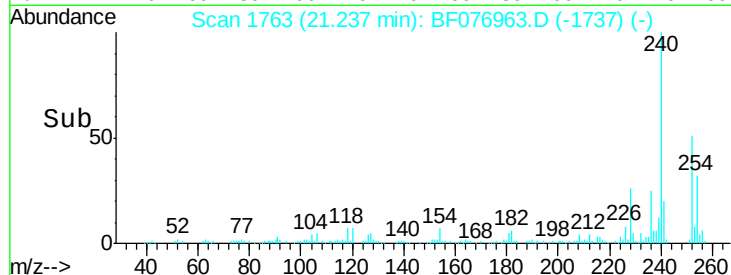
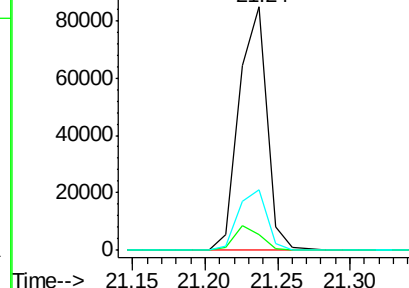
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.53 ng

RT: 19.65 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF076963.D

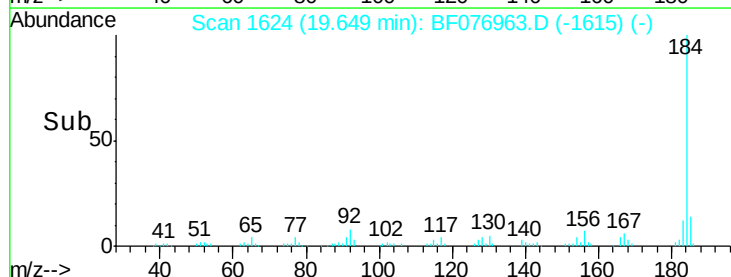
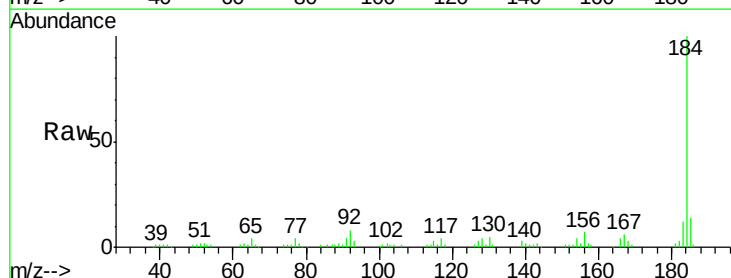
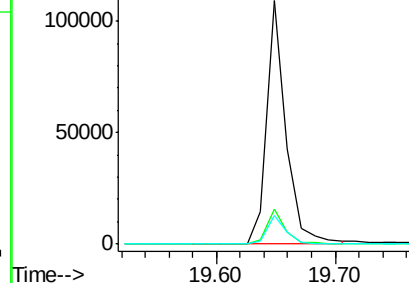
Acq: 20 Jan 2015 15:37

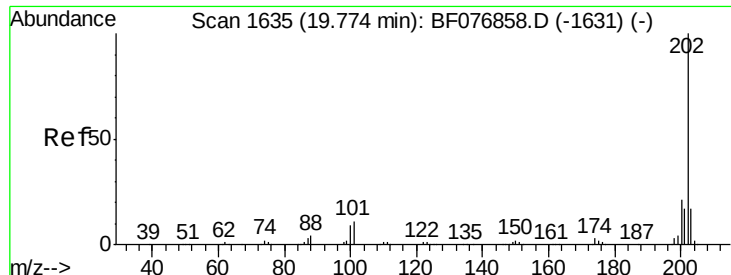
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	124366		
185	14.3	11.4	17.2	
183	11.8	9.0	13.6	

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





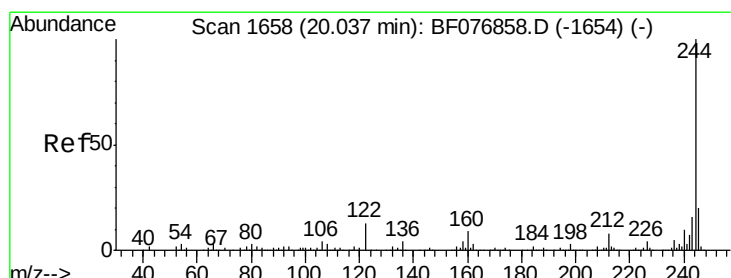
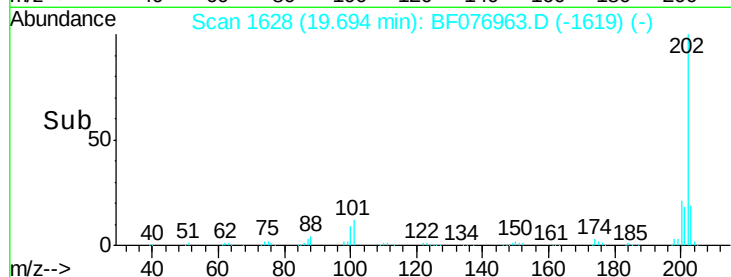
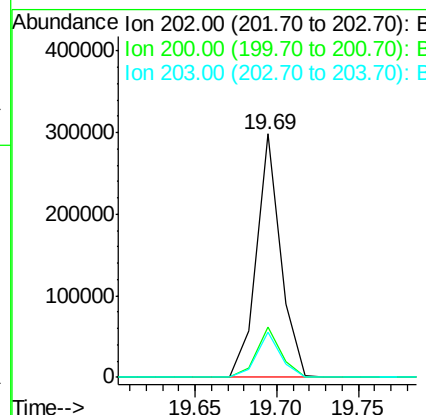
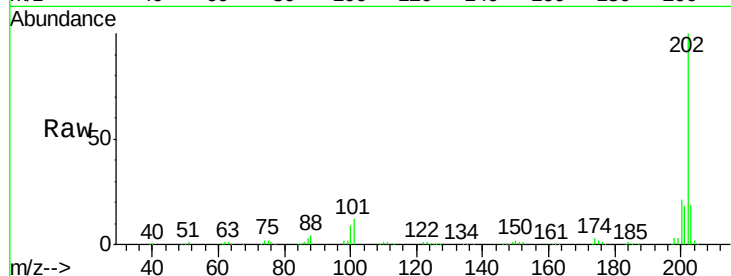
#77
Pvrene
Concen: 40.01 ng
RT: 19.69 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	308664		
200	20.7	16.7	25.1	
203	18.5	14.0	21.0	

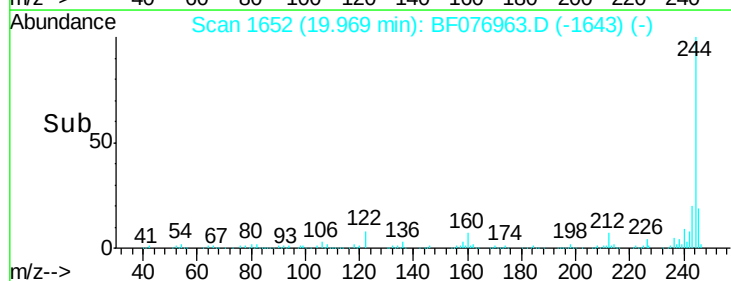
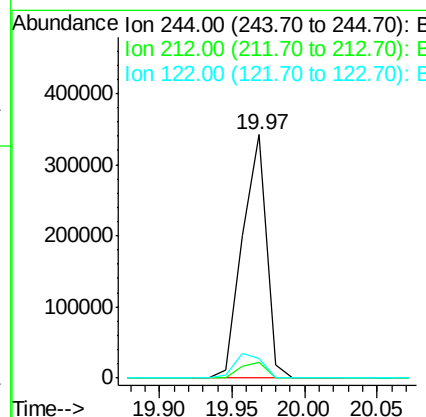
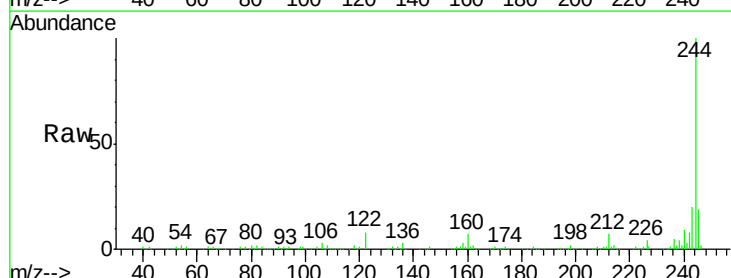
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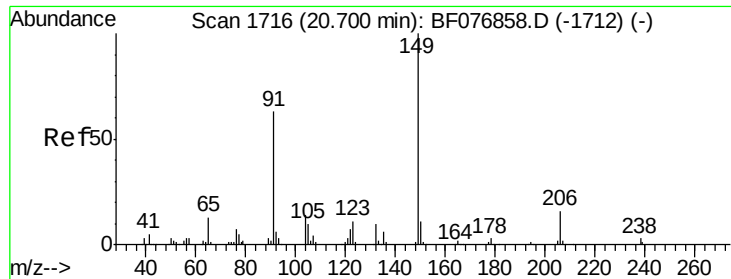
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#78
Terphenyl-d14
Concen: 80.50 ng
RT: 19.97 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	393583		
212	6.7	6.3	9.5	
122	8.1	10.1	15.1	





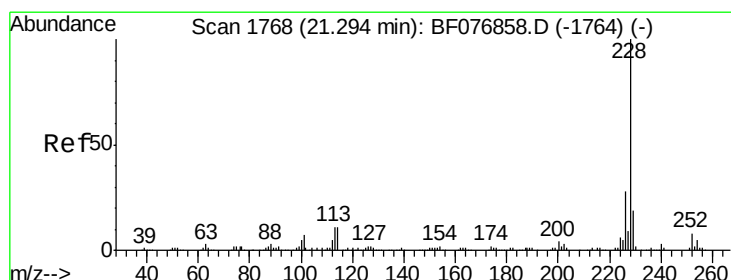
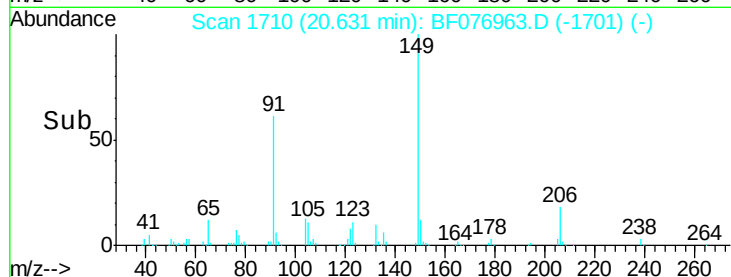
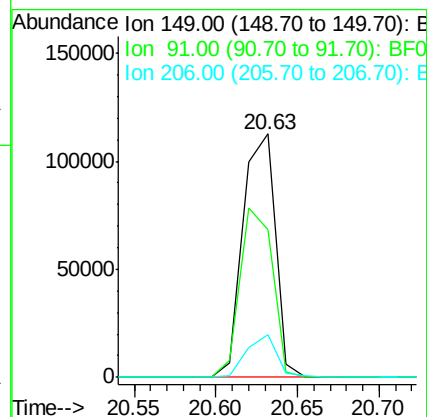
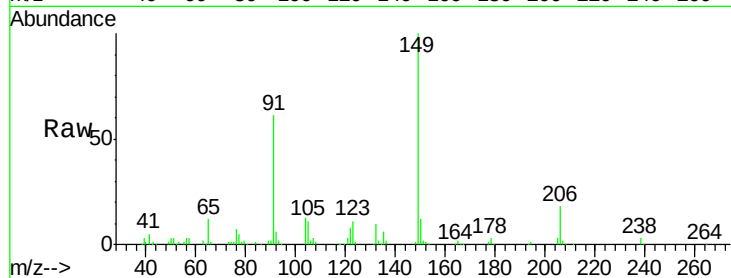
#79
Butylbenzylphthalate
Concen: 44.32 ng
RT: 20.63 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	154835		
91	60.8	50.6	76.0	
206	17.7	12.8	19.2	

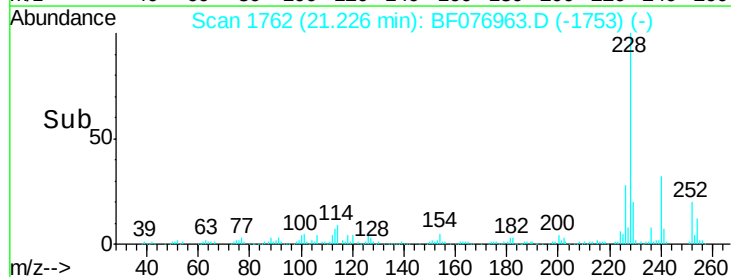
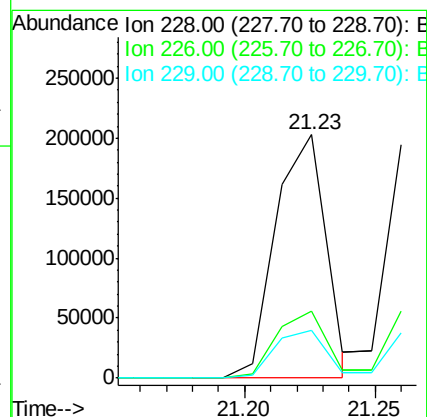
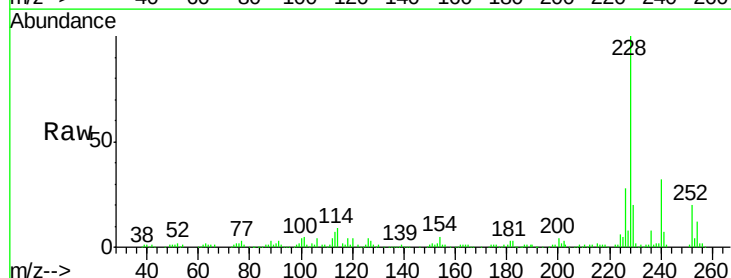
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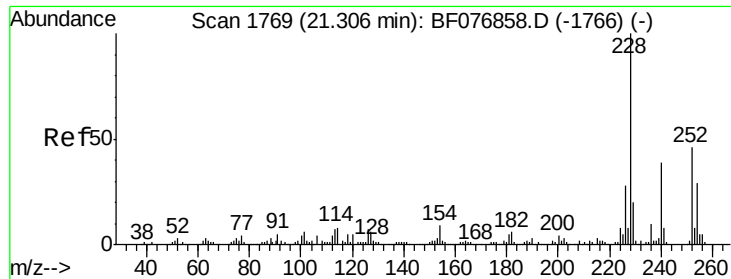
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#80
Benzo(a)anthracene
Concen: 38.69 ng
RT: 21.23 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	273190		
226	27.7	22.1	33.1	
229	19.8	15.5	23.3	





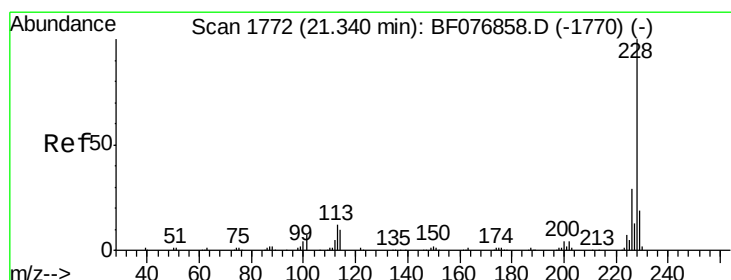
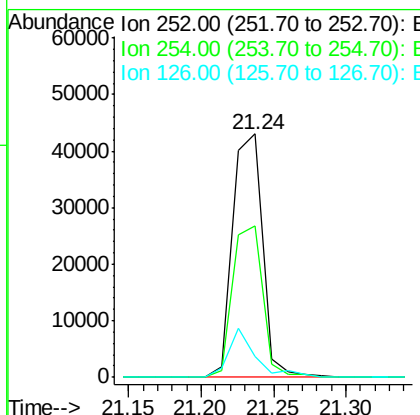
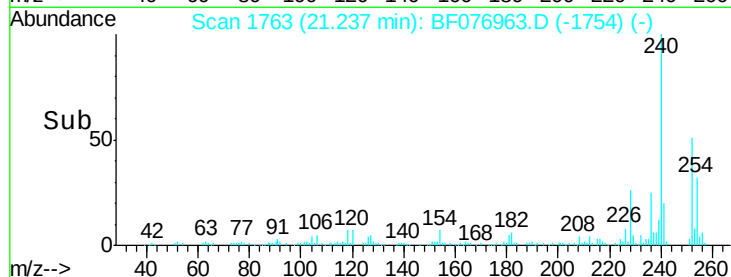
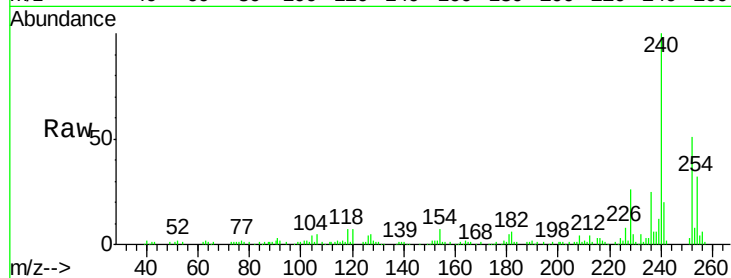
#81
 3,3'-Dichlorobenzidine
 Concen: 27.59 ng
 RT: 21.24 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81407BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.0	50.2	75.4
126	8.3	11.5	17.3

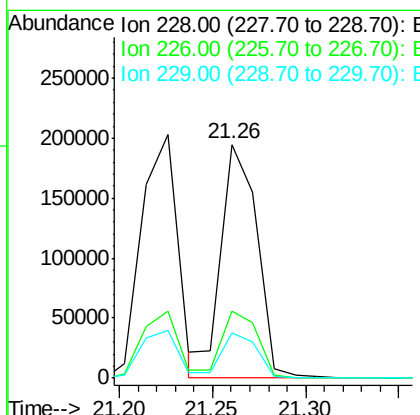
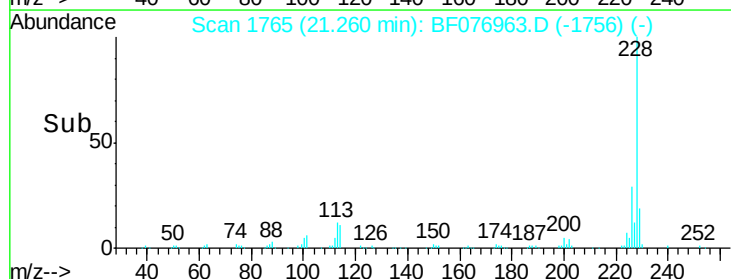
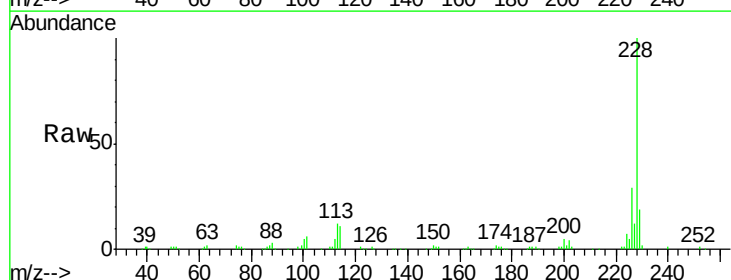
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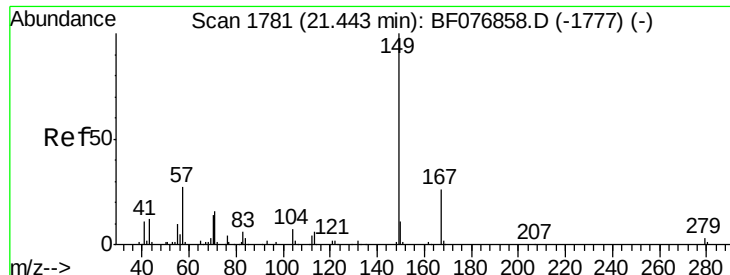
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#82
 Chrysene
 Concen: 40.48 ng
 RT: 21.26 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.0
229	19.3	15.4	23.0





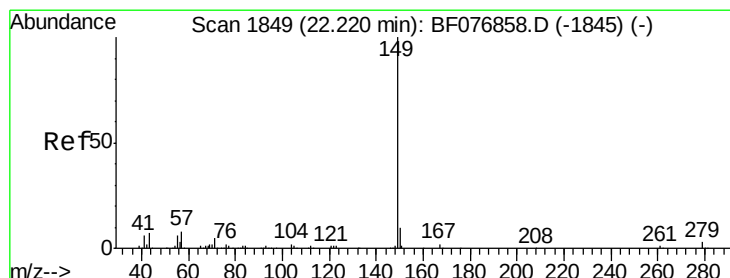
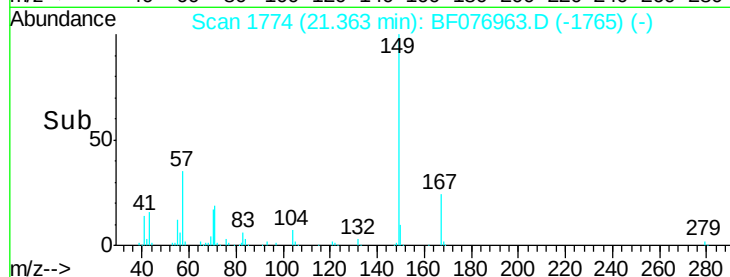
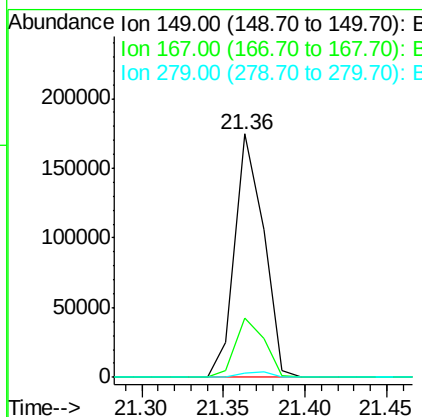
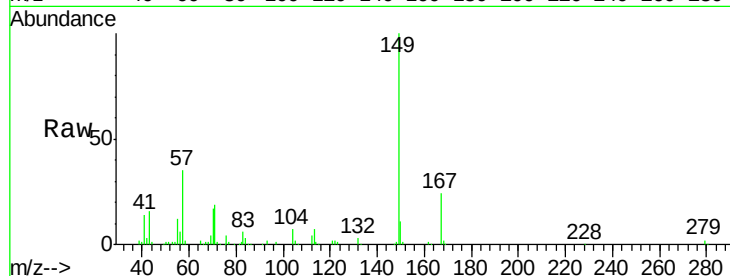
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.13 ng
 RT: 21.36 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81407BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		213319		
167	24.2		20.6	30.8	
279	2.0		2.2	3.2	

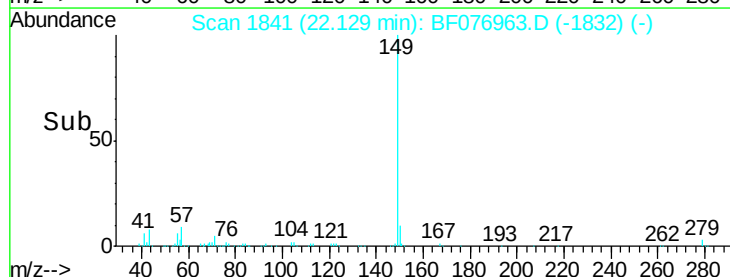
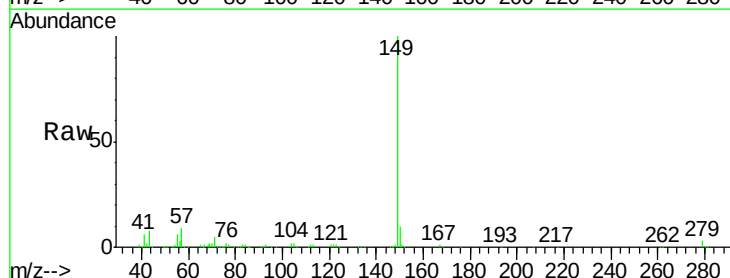
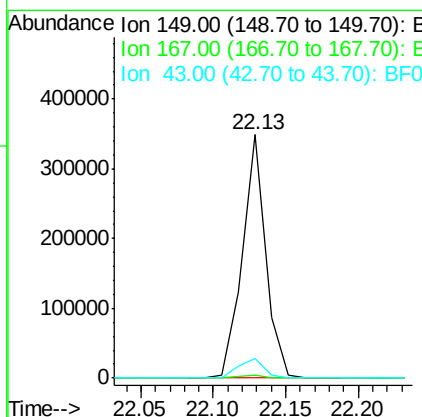
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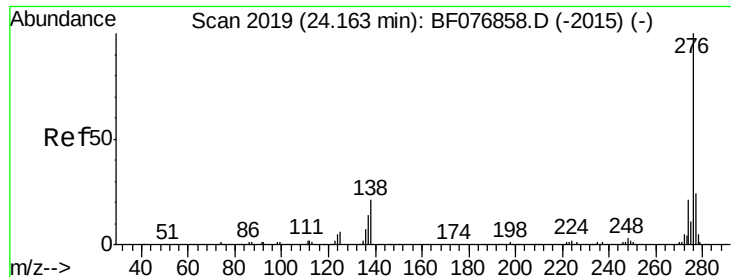
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#84
 Di-n-octyl phthalate
 Concen: 46.50 ng
 RT: 22.13 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		390115		
167	1.4		1.1	1.7	
43	9.0		6.6	10.0	





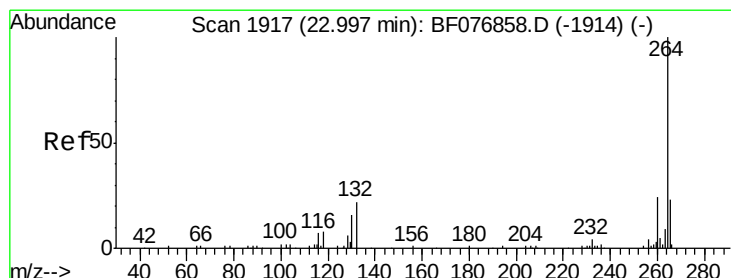
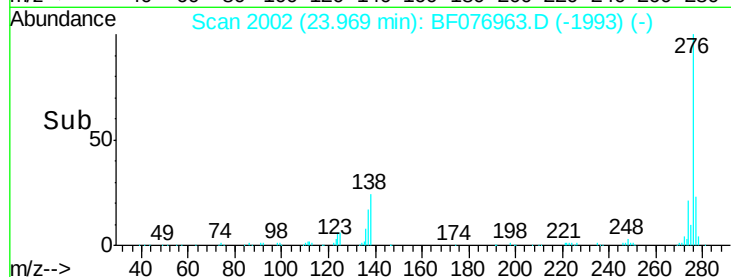
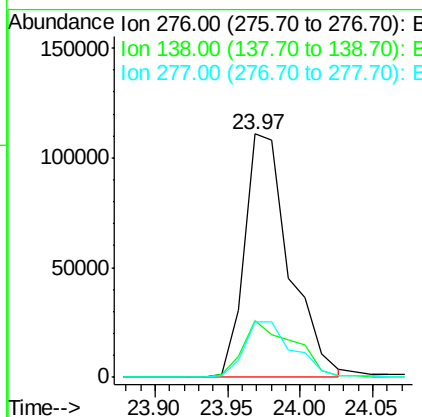
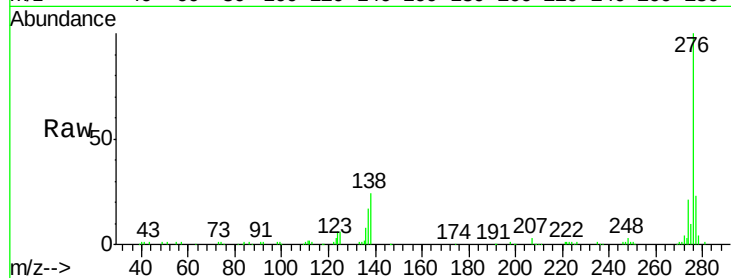
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.78 ng
RT: 23.97 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	14.6	22.0#
277	25.0	14.8	22.2#

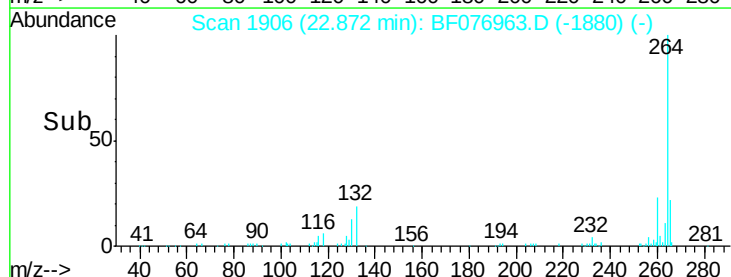
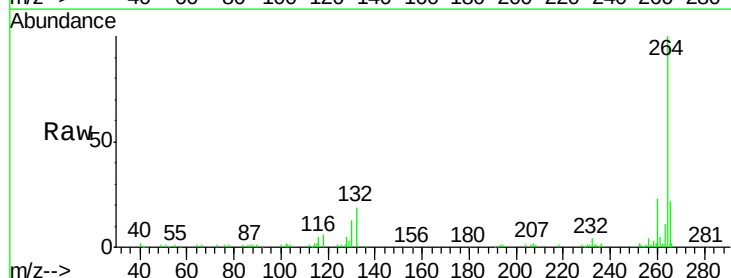
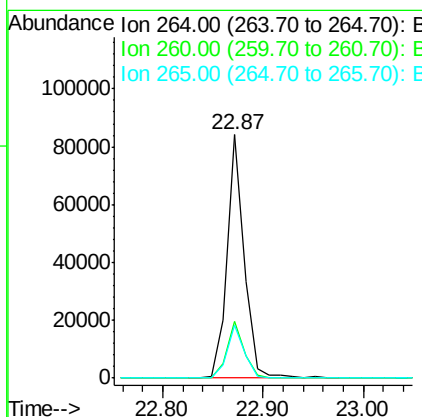
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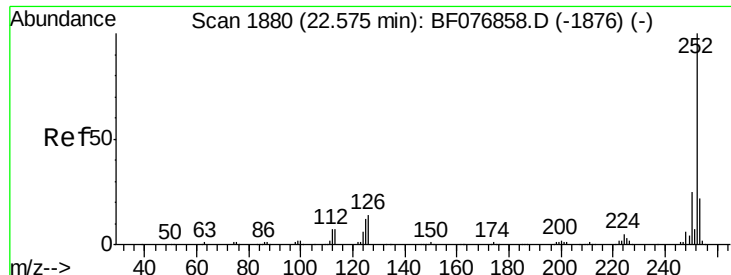
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#86
Perylene-d12
Concen: 20.00 ng
RT: 22.87 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.7	18.1	27.1





#87

Benzo(b)fluoranthene

Concen: 40.49 ng

RT: 22.47 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

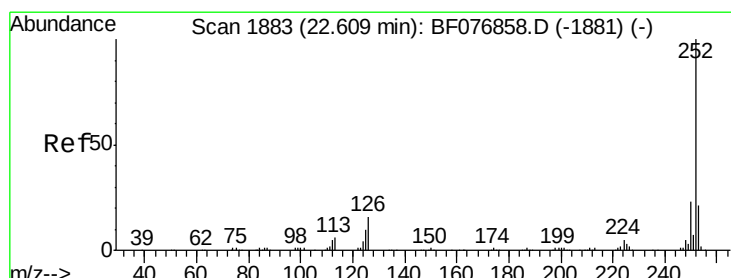
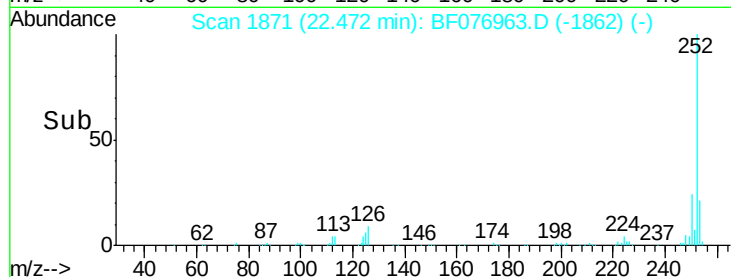
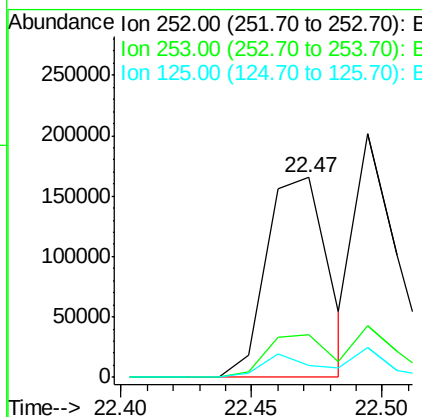
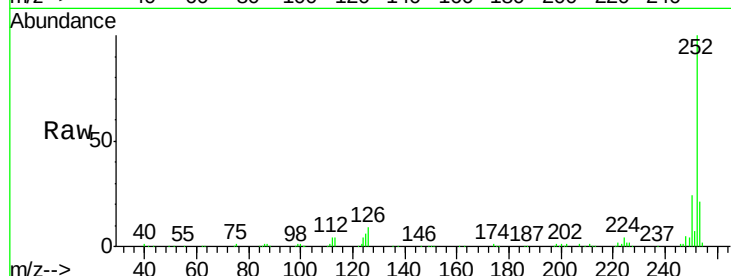
ClientSampleId :

PB81407BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	6.2	9.4	14.0#

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#88

Benzo(k)fluoranthene

Concen: 36.95 ng m

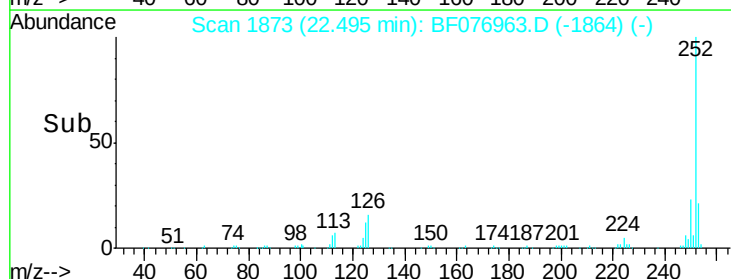
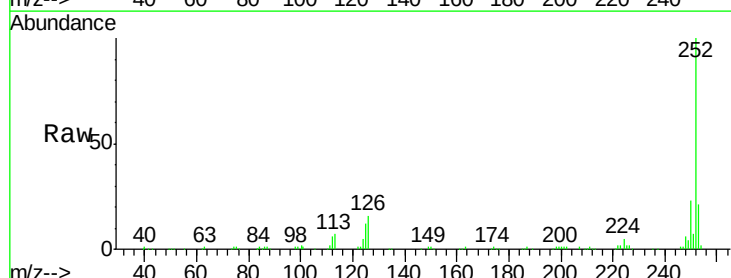
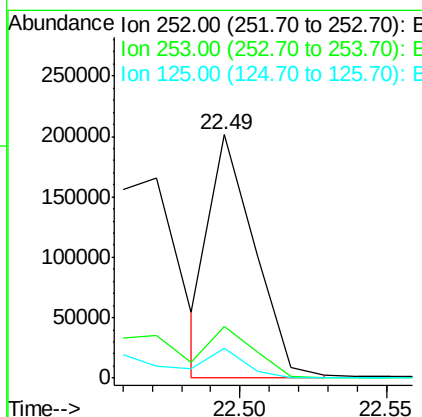
RT: 22.49 min Scan# 1873

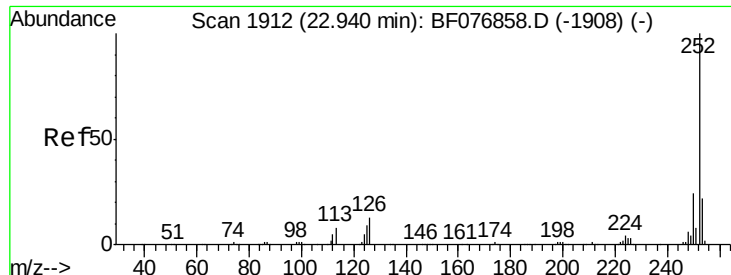
Delta R.T. 0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	12.1	7.1	10.7#





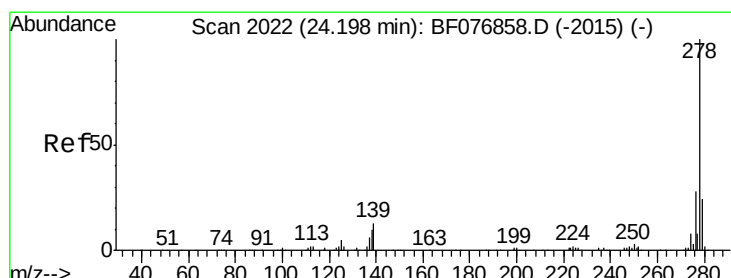
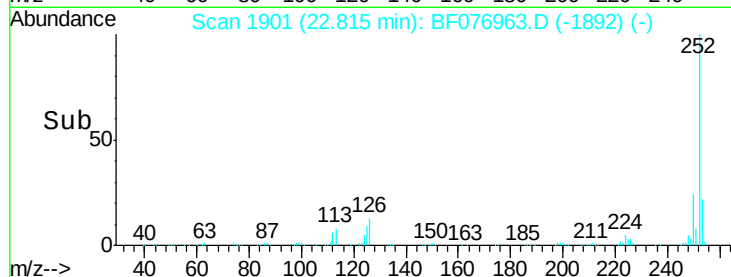
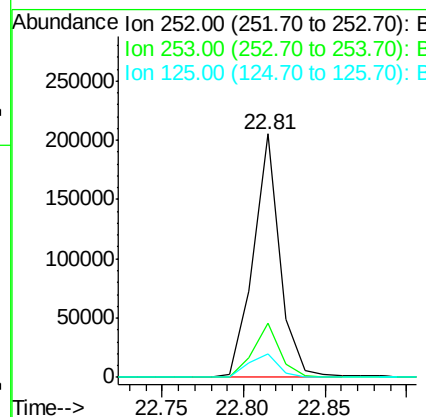
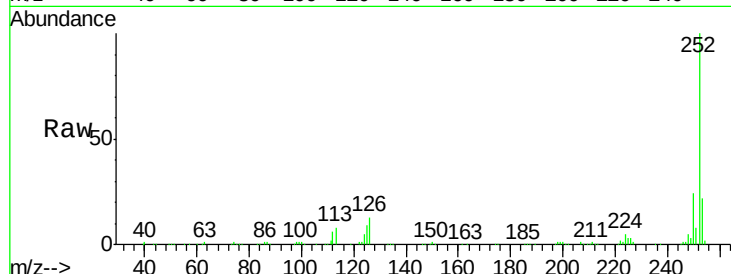
#89
Benzo(a)pyrene
Concen: 39.75 ng
RT: 22.81 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.4	7.2	10.8

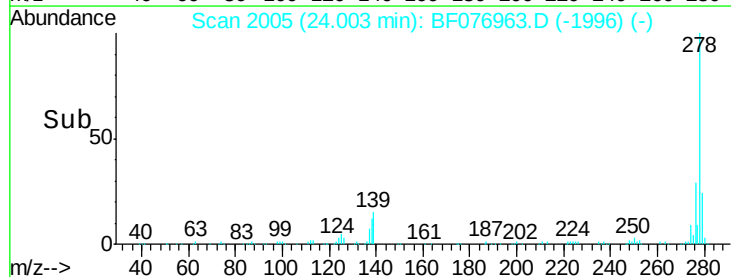
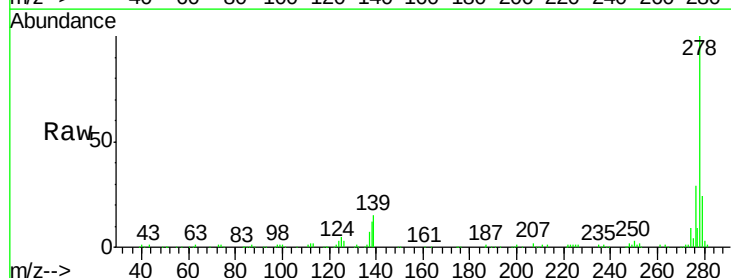
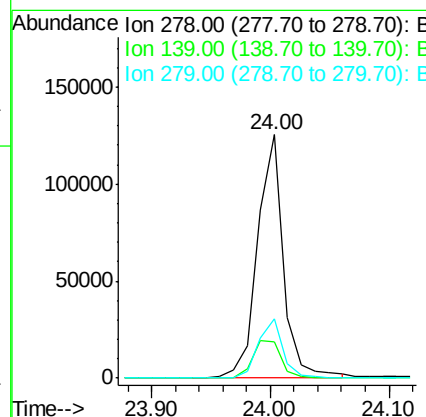
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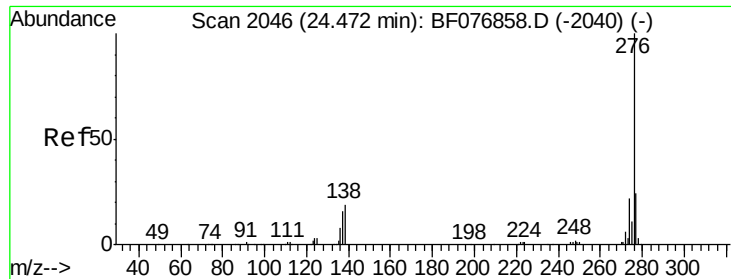
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#90
Dibenzo(a,h)anthracene
Concen: 35.58 ng
RT: 24.00 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	10.5	15.7
279	24.4	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 37.18 ng
 RT: 24.27 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81407BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.5	29.3
138	22.2	15.0	22.6

Manual Integrations
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