

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078476.D
 Acq On : 13 Apr 2015 22:52
 Operator : TP/IZ
 Sample : G1677-12MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

Manual Integrations
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 4/14/2015 5:25:11 PM

Quant Time: Apr 14 11:19:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 01:02:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	32709	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	137875	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	70243	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	147517	20.00	ng	0.00
75) Chrysene-d12	15.63	240	153052	20.00	ng	-0.02
86) Perylene-d12	17.30	264	146999	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	116494	58.72	ng	0.00
7) Phenol-d6	6.42	99	92334	37.14	ng	-0.01
23) Nitrobenzene-d5	7.53	82	204301	89.82	ng	-0.01
41) 2,4,6-Tribromophenol	11.54	330	91135	156.44	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	470426	95.73	ng	0.00
78) Terphenyl-d14	14.38	244	557053	82.24	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.61	88	64692	72.11	ng	# 23
3) Pyridine	2.24	79	37031	15.76	ng	# 94
4) n-Nitrosodimethylamine	2.17	42	16944m	18.73	ng	
6) Aniline	6.42	93	48279	13.69	ng	95
8) 2-Chlorophenol	6.56	128	82626	35.22	ng	99
9) Benzaldehyde	6.27	77	30158	18.30	ng	# 86
10) Phenol	6.44	94	35444	11.90	ng	97
11) bis(2-Chloroethyl)ether	6.52	93	94276	44.01	ng	93
12) 1,3-Dichlorobenzene	6.75	146	105948	41.12	ng	# 90
13) 1,4-Dichlorobenzene	6.84	146	107866	41.59	ng	97
14) 1,2-Dichlorobenzene	7.03	146	101824	41.87	ng	99
15) Benzyl Alcohol	7.03	79	51263	29.34	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	129757	45.41	ng	97
17) 2-Methylphenol	7.20	107	49574	27.22	ng	# 92
18) Hexachloroethane	7.45	117	36835	42.11	ng	87
19) n-Nitroso-di-n-propylamine	7.37	70	74059	45.15	ng	98
20) 3+4-Methylphenols	7.39	107	59816	24.62	ng	96
22) Acetophenone	7.35	105	150467	46.84	ng	# 90
24) Nitrobenzene	7.55	77	104430	43.92	ng	# 86
25) Isophorone	7.86	82	190822	44.20	ng	98
26) 2-Nitrophenol	7.95	139	46072	40.66	ng	93
27) 2,4-Dimethylphenol	8.03	122	76441	36.28	ng	95
28) bis(2-Chloroethoxy)methane	8.15	93	117951	42.61	ng	98
29) 2,4-Dichlorophenol	8.25	162	79884	41.67	ng	90
30) 1,2,4-Trichlorobenzene	8.34	180	90593	41.22	ng	97
31) Naphthalene	8.43	128	504623	70.32	ng	99
32) Benzoic acid	8.15	122	13266	17.56	ng	88
33) 4-Chloroaniline	8.52	127	60012	20.15	ng	97
34) Hexachlorobutadiene	8.59	225	51186	42.41	ng	98
35) Caprolactam	8.95	113	3287	5.74	ng	97
36) 4-Chloro-3-methylphenol	9.14	107	77926	40.29	ng	98
37) 2-Methylnaphthalene	9.29	142	270585	55.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	92747	42.61	ng	99
40) Hexachlorocyclopentadiene	9.48	237	73858	78.93	ng	97

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Instrument :
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Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 01:02:55 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	59557	43.39	ng	96
43) 2,4,5-Trichlorophenol	9.70	196	60941	42.50	ng #	87
45) 1,1'-Biphenyl	9.87	154	268985	46.82	ng	99
46) 2-Chloronaphthalene	9.88	162	196409	43.45	ng	98
47) 2-Nitroaniline	10.03	65	54249	48.50	ng #	53
48) Acenaphthylene	10.39	152	317949	43.55	ng	99
49) Dimethylphthalate	10.27	163	239206	45.33	ng	98
50) 2,6-Dinitrotoluene	10.34	165	51529	47.46	ng #	72
51) Acenaphthene	10.60	154	189125	46.02	ng	100
52) 3-Nitroaniline	10.54	138	36519	29.58	ng	95
53) 2,4-Dinitrophenol	10.68	184	31523	76.38	ng #	81
54) Dibenzofuran	10.82	168	298380	47.53	ng	96
55) 4-Nitrophenol	10.79	139	20334m	24.36	ng	
56) 2,4-Dinitrotoluene	10.83	165	69990	49.77	ng #	86
57) Fluorene	11.23	166	244984	48.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.98	232	50586	47.58	ng	98
59) Diethylphthalate	11.14	149	241007	47.36	ng	98
60) 4-Chlorophenyl-phenylether	11.26	204	112124	47.90	ng #	84
61) 4-Nitroaniline	11.29	138	51710	41.43	ng	92
62) Azobenzene	11.45	77	250066	53.85	ng	91
64) 4,6-Dinitro-2-methylphenol	11.34	198	26827	38.66	ng #	57
65) n-Nitrosodiphenylamine	11.40	169	201058	39.40	ng	99
66) 4-Bromophenyl-phenylether	11.85	248	64872	41.52	ng	93
67) Hexachlorobenzene	11.91	284	68806	40.19	ng	99
68) Atrazine	12.09	200	72069	48.76	ng	98
69) Pentachlorophenol	12.16	266	60073	79.21	ng	98
70) Phenanthrene	12.41	178	345347	40.47	ng	100
71) Anthracene	12.48	178	364964	43.40	ng	100
72) Carbazole	12.70	167	346689	43.99	ng	99
73) Di-n-butylphthalate	13.15	149	426176	47.74	ng	99
74) Fluoranthene	13.87	202	377430	41.94	ng	96
76) Benzidine	14.07	184	151849	25.77	ng	98
77) Pyrene	14.15	202	400911	41.73	ng	98
79) Butylbenzylphthalate	15.01	149	185072	50.54	ng #	75
80) Benzo(a)anthracene	15.62	228	380377	41.77	ng	99
81) 3,3'-Dichlorobenzidine	15.62	252	98734	32.37	ng #	99
82) Chrysene	15.67	228	350818	41.00	ng	99
83) Bis(2-ethylhexyl)phthalate	15.71	149	288827	50.29	ng #	95
84) Di-n-octyl phthalate	16.49	149	509147	53.99	ng #	100
85) Indeno(1,2,3-cd)pyrene	18.51	276	432258	44.52	ng #	86
87) Benzo(b)fluoranthene	16.88	252	458882	50.51	ng #	97
88) Benzo(k)fluoranthene	16.91	252	294315m	36.45	ng	
89) Benzo(a)pyrene	17.25	252	361981	45.65	ng	98
90) Dibenzo(a,h)anthracene	18.54	278	339543	42.77	ng	98
91) Benzo(g,h,i)perylene	18.86	276	343770	43.19	ng	100

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

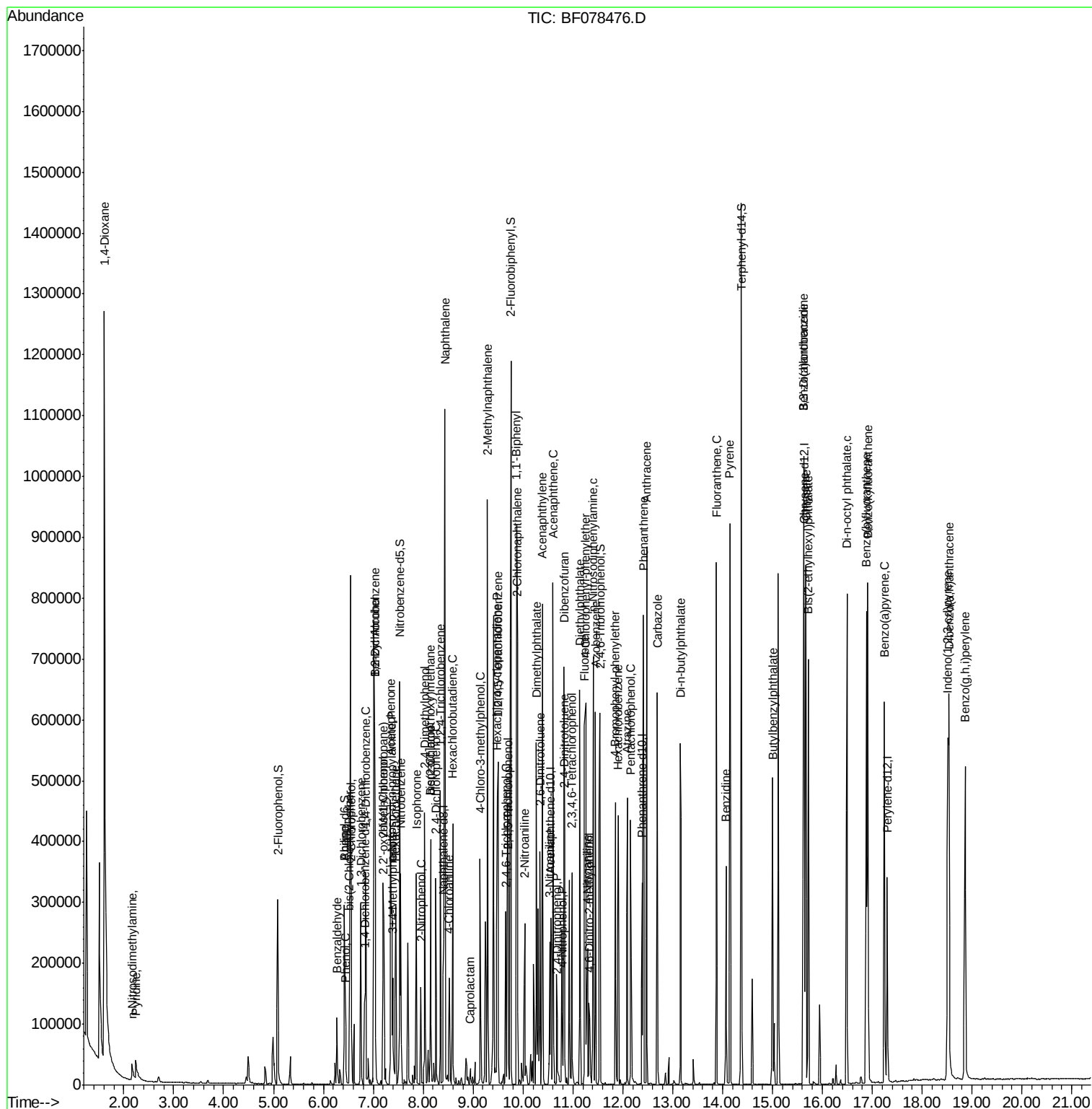
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\  
Data File : BF078476.D  
Acq On    : 13 Apr 2015   22:52  
Operator  : TP/IZ  
Sample    : G1677-12MSD  
Misc      :  
ALS Vial  : 18      Sample Multiplier: 1
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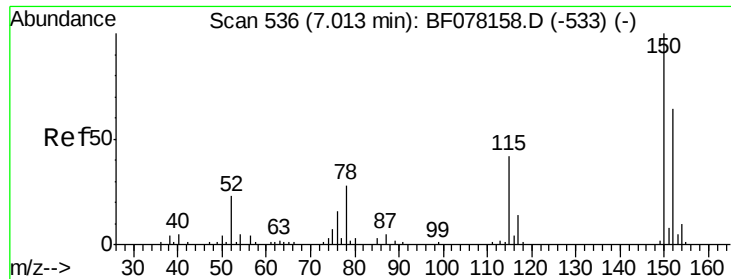
Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MSD

Manual Integrations APPROVED

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#1

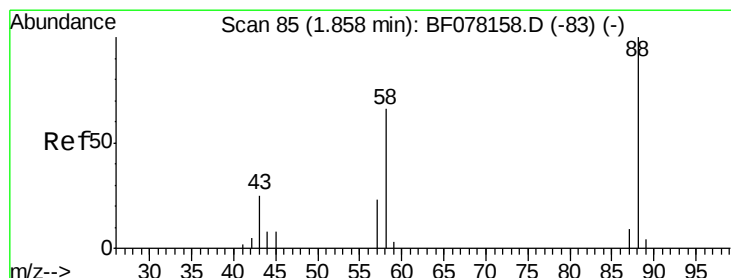
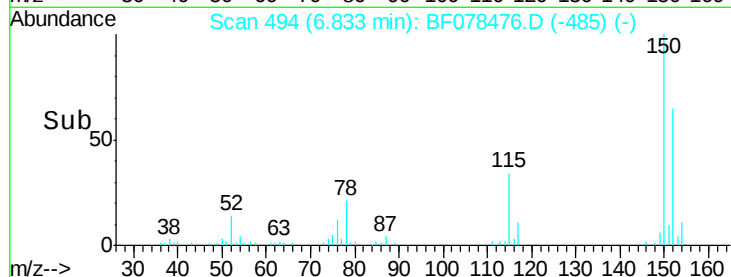
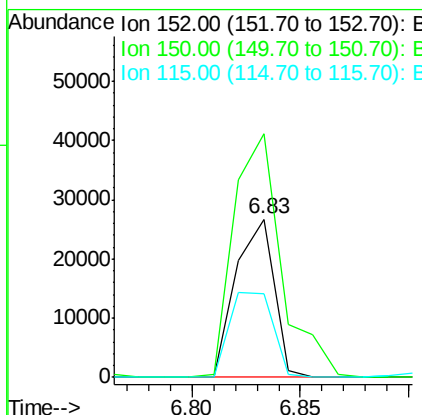
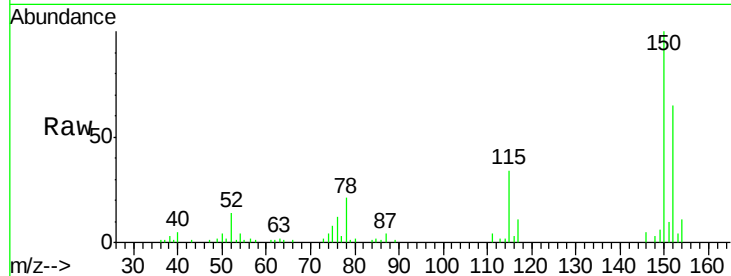
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.9	188.9
115	53.0	52.7	79.1

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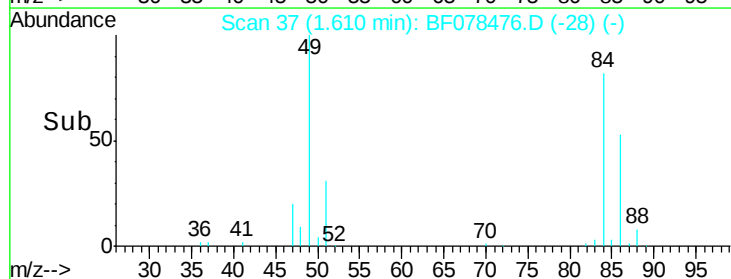
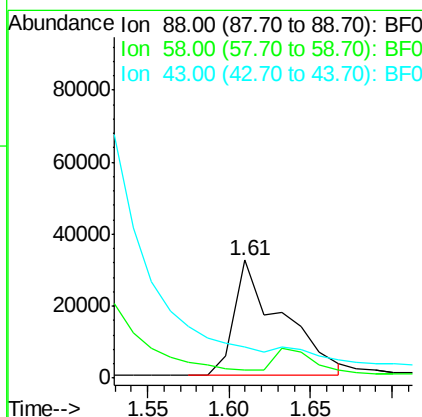
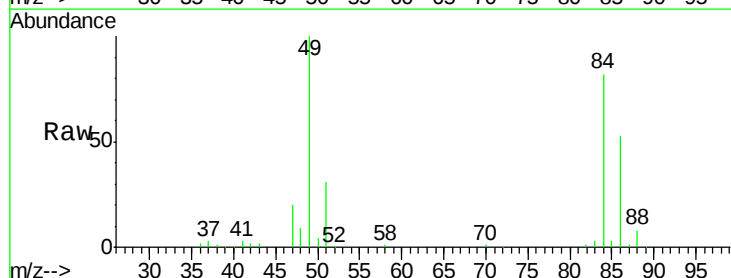
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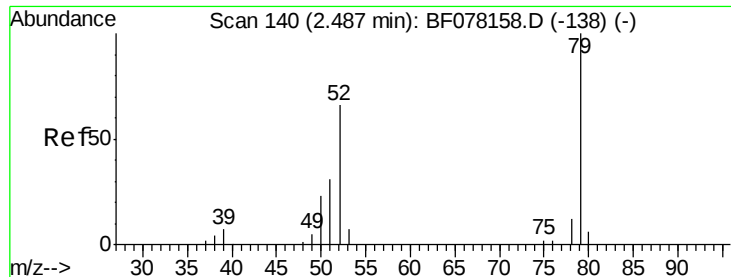


#2

1,4-Dioxane
Concen: 72.11 ng
RT: 1.61 min Scan# 37
Delta R.T. -0.00 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.9	85.3#
43	0.0	21.4	32.2#





#3

Pyridine

Concen: 15.76 ng

RT: 2.24 min Scan# 92

Delta R.T. 0.05 min

Lab File: BF078476.D

Acq: 13 Apr 2015 22:52

Instrument :

BNA_F

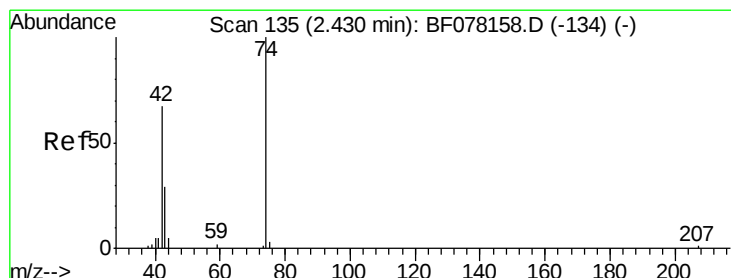
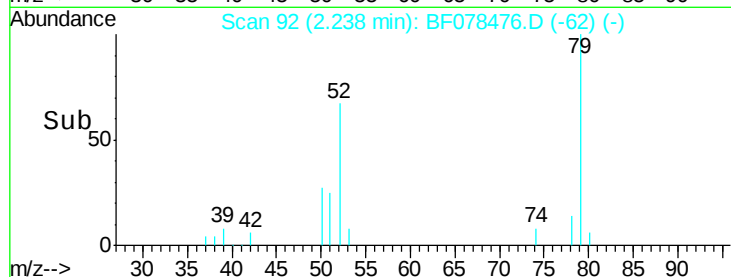
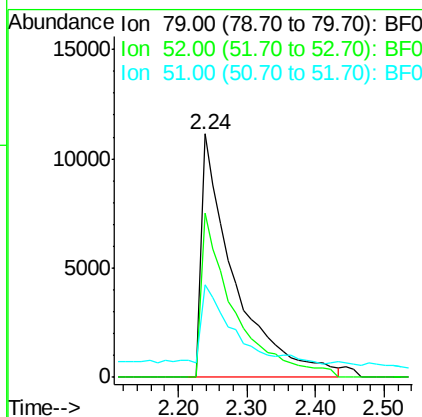
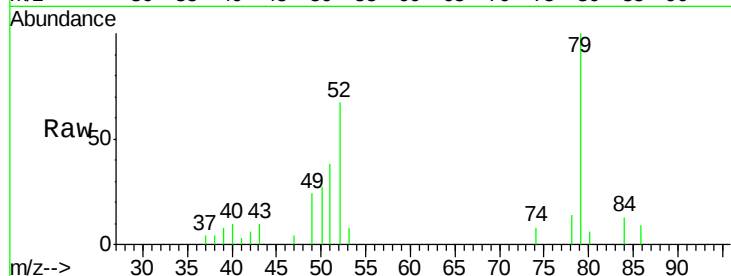
ClientSampleId :

DEL-4S-2(7.0-7.5)MSD

Tgt Ion:	79	Resp:	37031
Ion Ratio	Lower	Upper	
79	100		
52	67.4	52.4	78.6
51	37.8	24.9	37.3#

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#4

n-Nitrosodimethylamine

Concen: 18.73 ng m

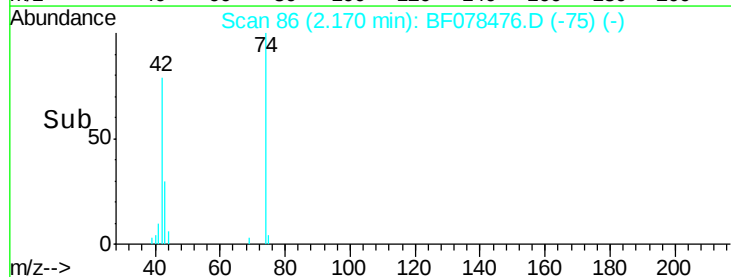
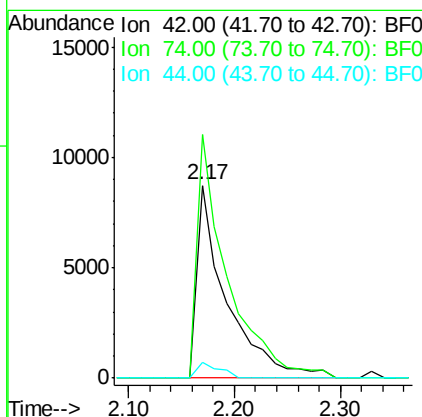
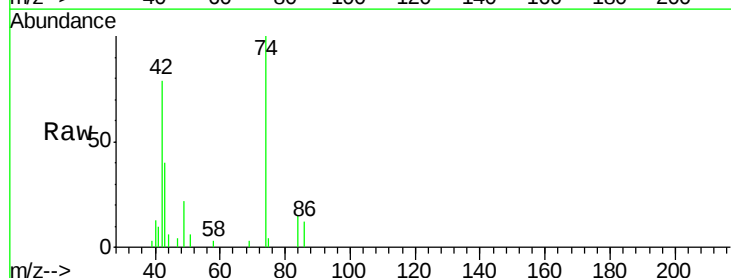
RT: 2.17 min Scan# 86

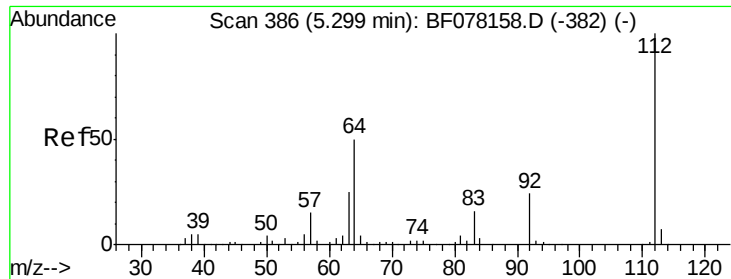
Delta R.T. 0.02 min

Lab File: BF078476.D

Acq: 13 Apr 2015 22:52

Tgt Ion:	42	Resp:	16944
Ion Ratio	Lower	Upper	
42	100		
74	126.3	118.7	178.1
44	8.1	5.9	8.9





#5

2-Fluorophenol

Concen: 58.72 ng

RT: 5.08 min Scan# 341

Delta R.T. -0.00 min

Lab File: BF078476.D

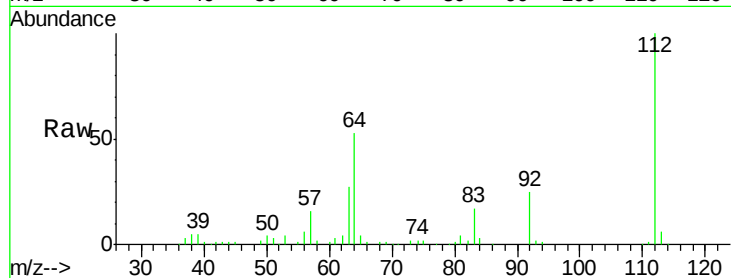
Acq: 13 Apr 2015 22:52

Instrument :

BNA_F

ClientSampleId :

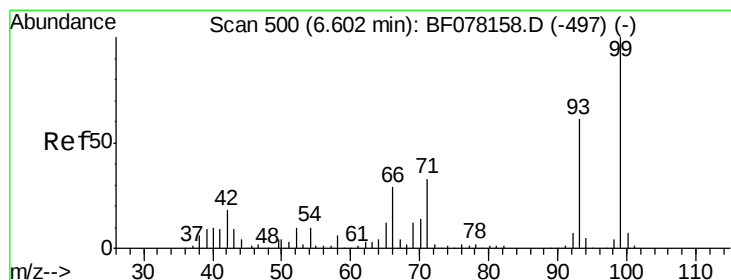
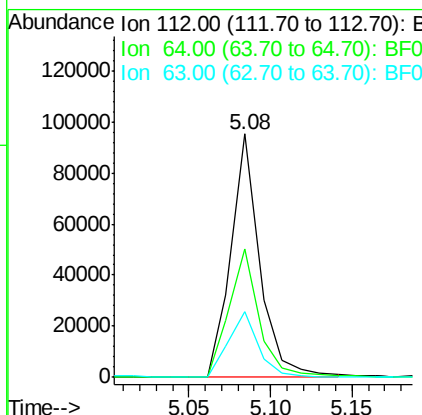
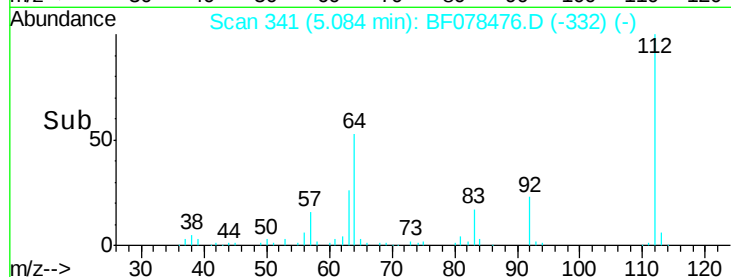
DEL-4S-2(7.0-7.5)MSD



Tgt Ion:	112	Resp:	116494
Ion Ratio	Lower	Upper	
112	100		
64	52.5	39.9	59.9
63	26.8	20.2	30.4

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#6

Aniline

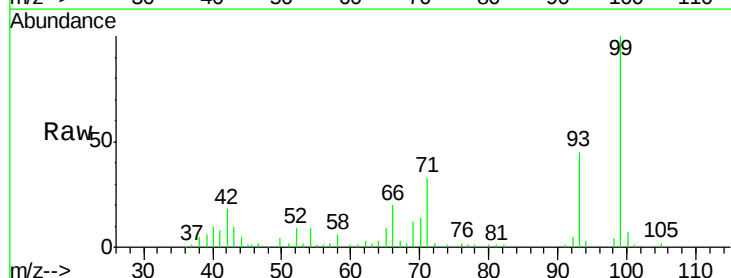
Concen: 13.69 ng

RT: 6.42 min Scan# 458

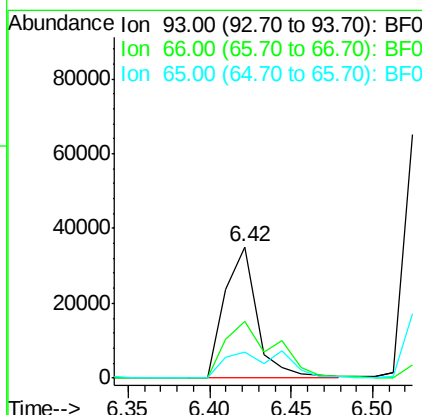
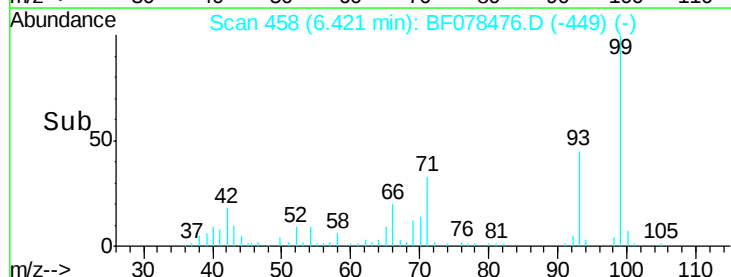
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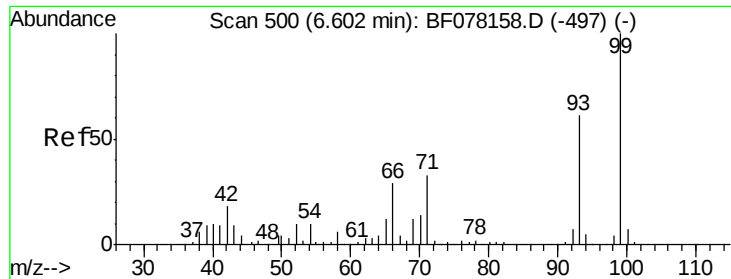
Lab File: BF078476.D

Acq: 13 Apr 2015 22:52



Tgt Ion:	93	Resp:	48279
Ion Ratio	Lower	Upper	
93	100		
66	43.7	38.0	57.0
65	19.5	16.3	24.5





#7

Phenol-d6

Concen: 37.14 ng

RT: 6.42 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF078476.D

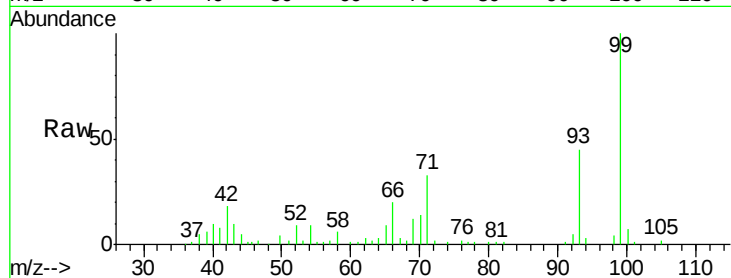
Acq: 13 Apr 2015 22:52

Instrument :

BNA_F

ClientSampleId :

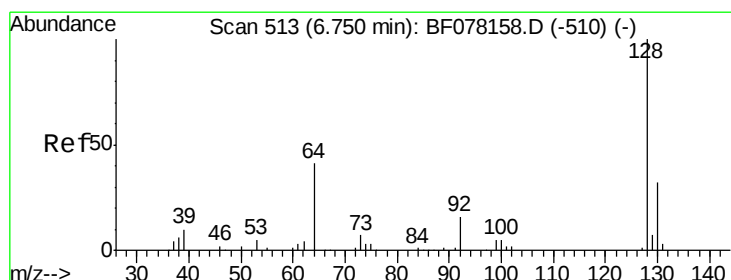
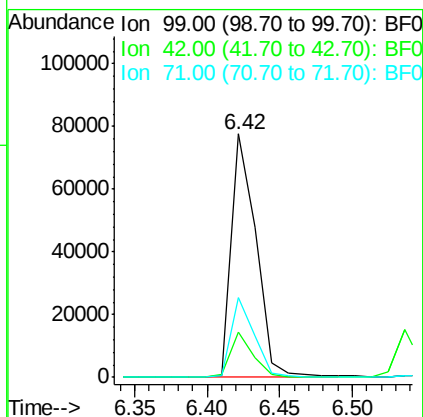
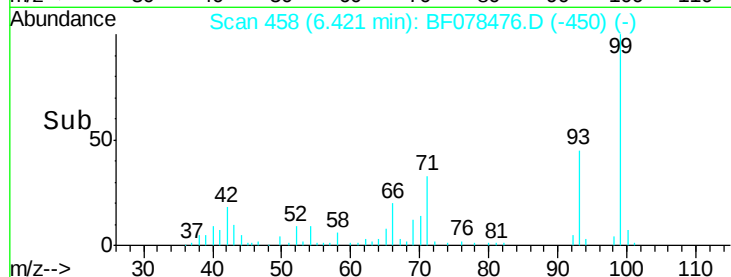
DEL-4S-2(7.0-7.5)MSD



Tgt Ion:	99	Resp:	92334
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.8	22.2
71	32.6	26.6	39.8

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#8

2-Chlorophenol

Concen: 35.22 ng

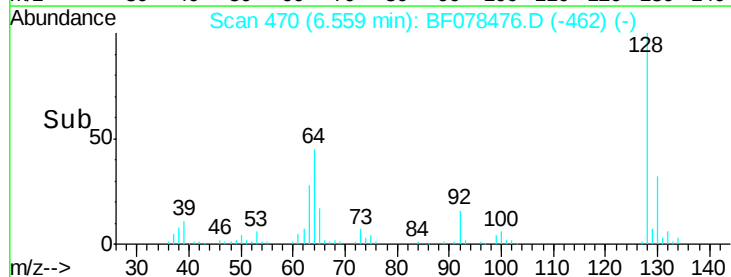
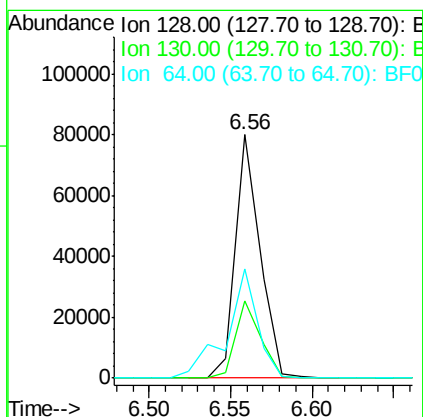
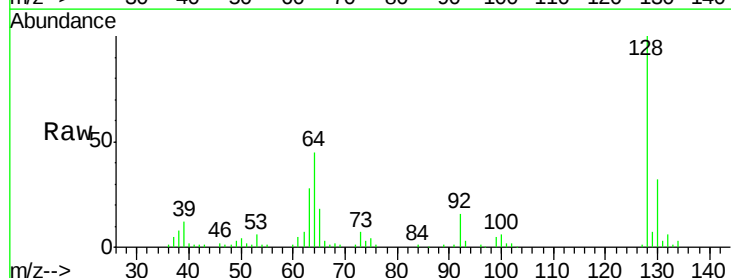
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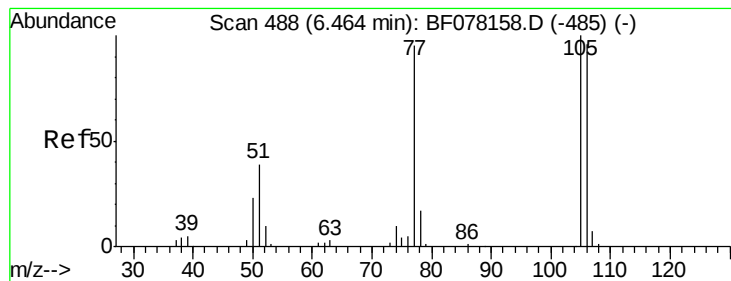
Delta R.T. -0.01 min

Lab File: BF078476.D

Acq: 13 Apr 2015 22:52

Tgt Ion:	128	Resp:	82626
Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.3	52.3
64	44.7	23.8	63.8





#9

Benzaldehyde

Concen: 18.30 ng

RT: 6.27 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF078476.D

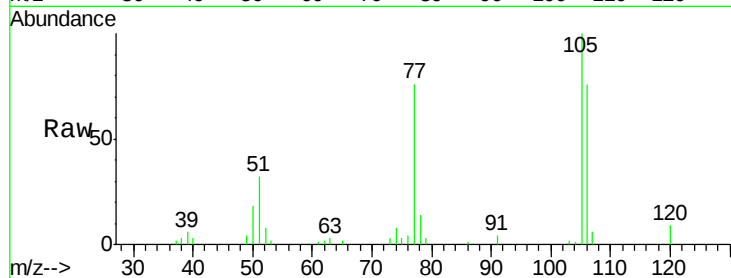
Acq: 13 Apr 2015 22:52

Instrument :

BNA_F

ClientSampleId :

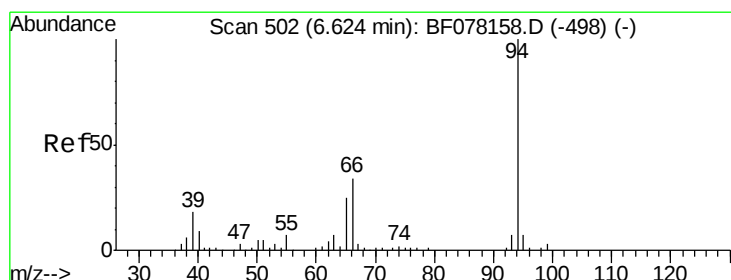
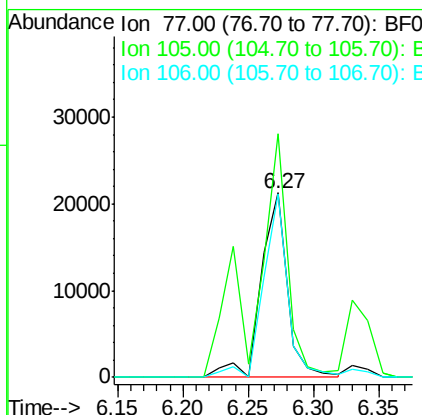
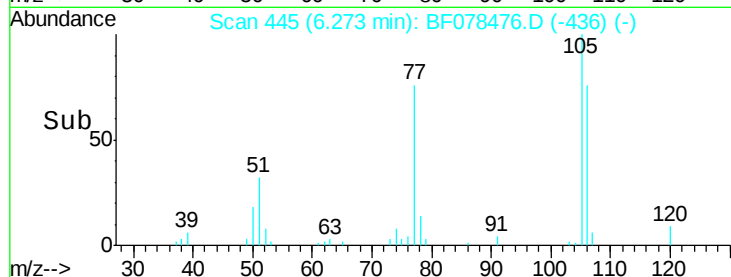
DEL-4S-2(7.0-7.5)MSD



Tgt Ion:	77	Resp:	30158
Ion Ratio	Lower	Upper	
77	100		
105	132.1	85.4	125.4#
106	99.8	80.8	120.8

Manual Integrations
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#10

Phenol

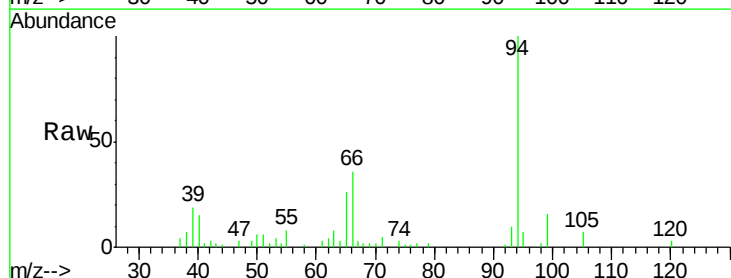
Concen: 11.90 ng

RT: 6.44 min Scan# 460

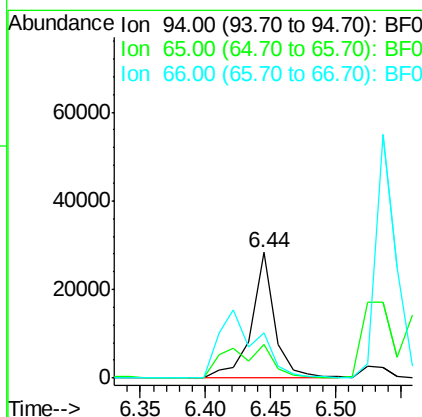
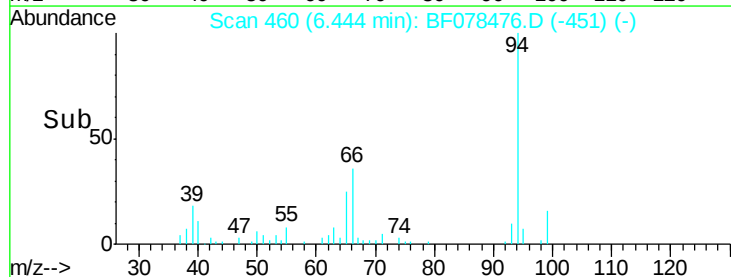
Delta R.T. -0.00 min

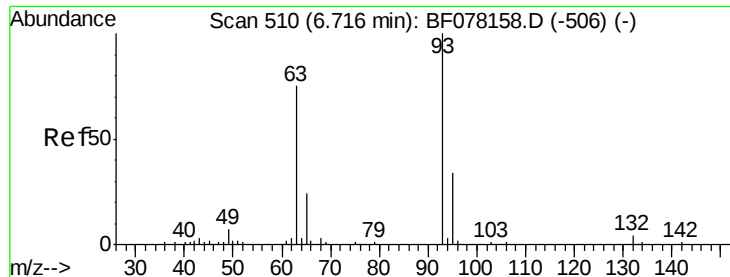
Lab File: BF078476.D

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Tgt Ion:	94	Resp:	35444
Ion Ratio	Lower	Upper	
94	100		
65	26.4	4.9	44.9
66	35.8	13.8	53.8





#11

bis(2-Chloroethyl)ether

Concen: 44.01 ng

RT: 6.52 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF078476.D

Acq: 13 Apr 2015 22:52

Instrument :

BNA_F

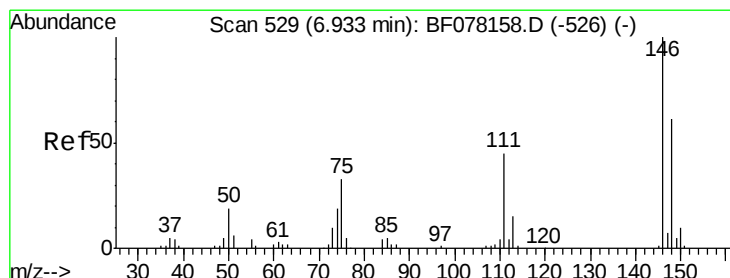
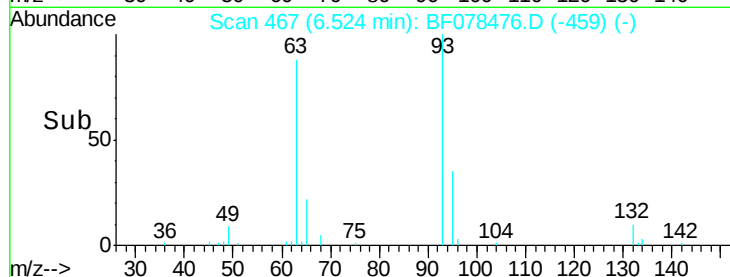
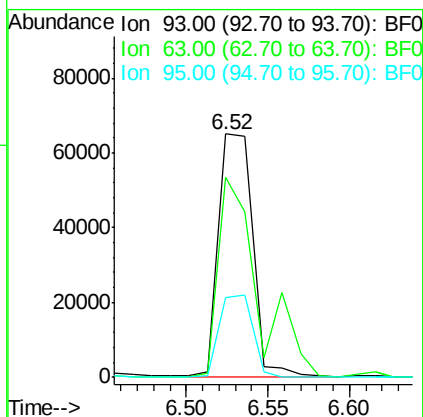
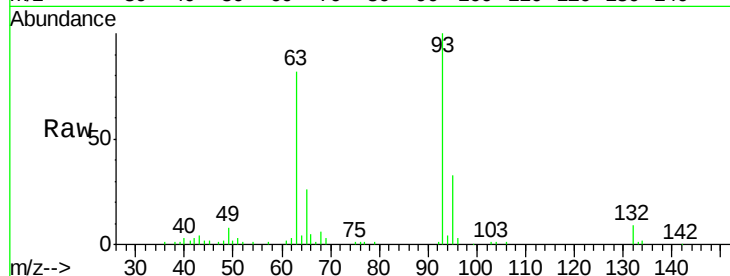
ClientSampleId :

DEL-4S-2(7.0-7.5)MSD

Tgt Ion:	93	Resp:	94276
Ion	Ratio	Lower	Upper
93	100		
63	82.1	54.6	94.6
95	32.6	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 41.12 ng

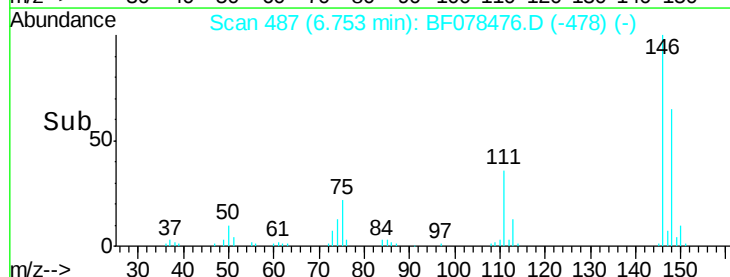
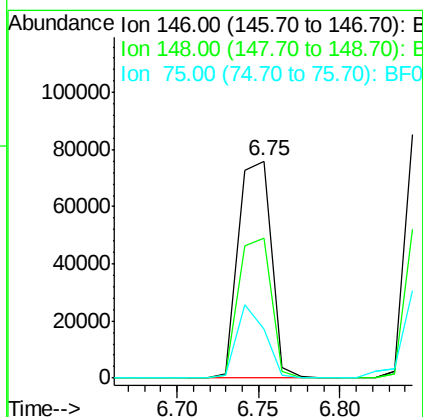
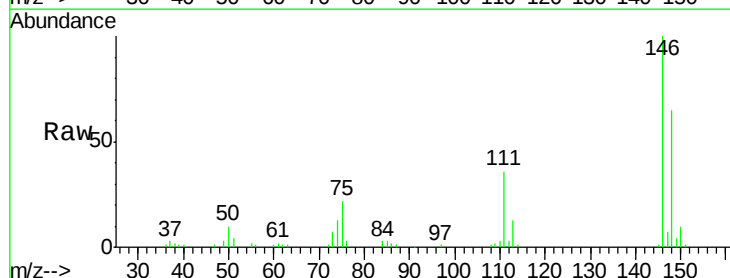
RT: 6.75 min Scan# 487

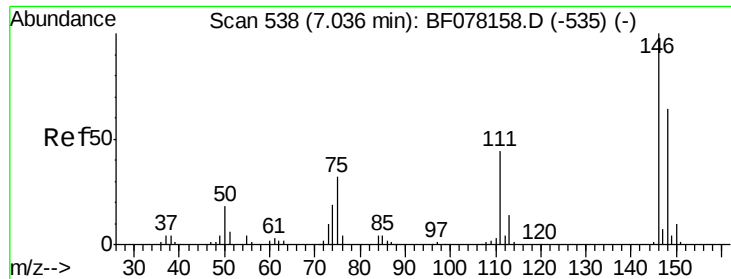
Delta R.T. -0.00 min

Lab File: BF078476.D

Acq: 13 Apr 2015 22:52

Tgt Ion:	146	Resp:	105948
Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.1	73.7
75	22.5	26.6	40.0#





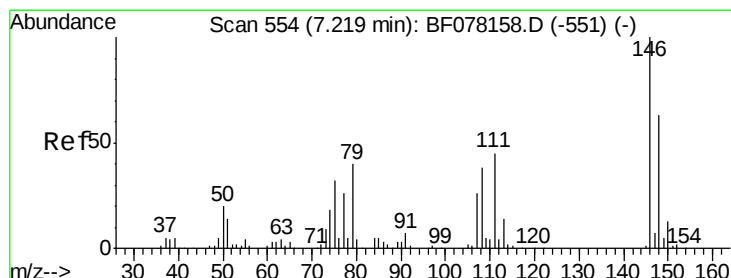
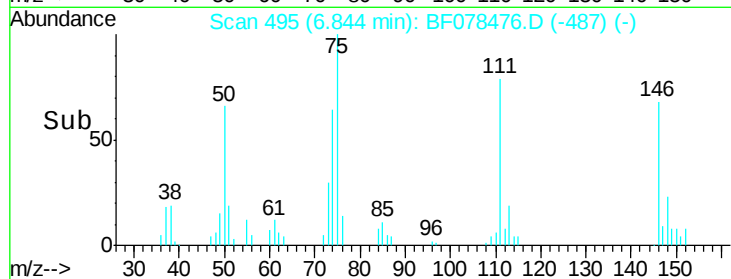
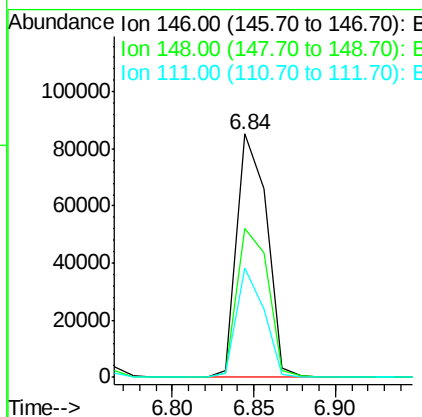
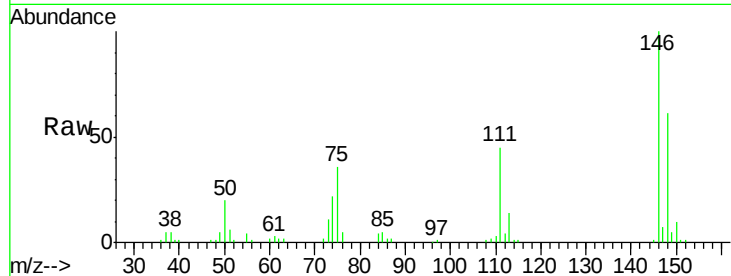
#13
 1,4-Dichlorobenzene
 Concen: 41.59 ng
 RT: 6.84 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.4	77.0
111	44.9	35.0	52.4

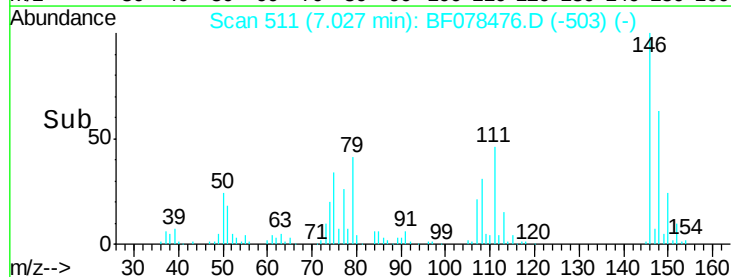
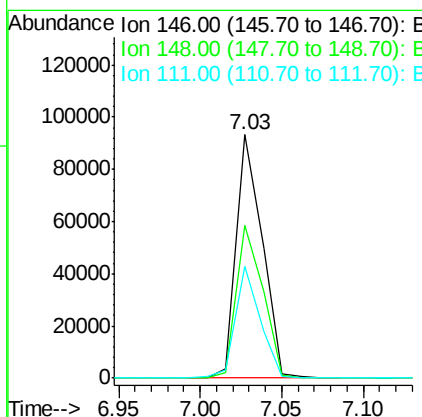
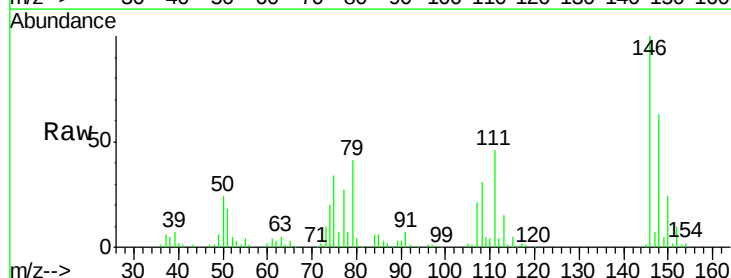
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#14
 1,2-Dichlorobenzene
 Concen: 41.87 ng
 RT: 7.03 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.2	75.4
111	46.0	36.1	54.1





#15

Benzyl Alcohol

Concen: 29.34 ng

RT: 7.03 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF078476.D

Acq: 13 Apr 2015 22:52

Instrument :

BNA_F

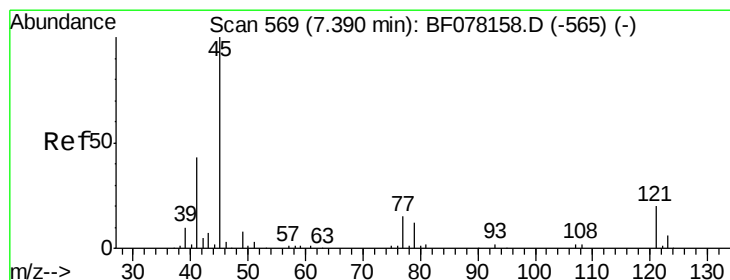
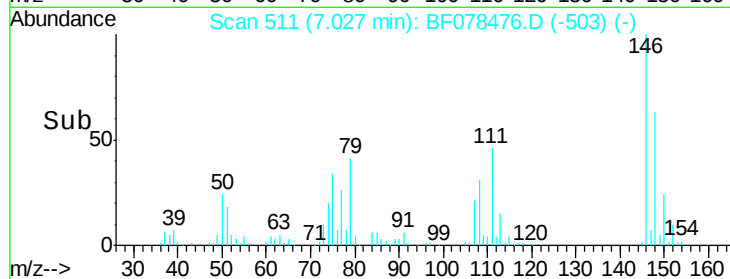
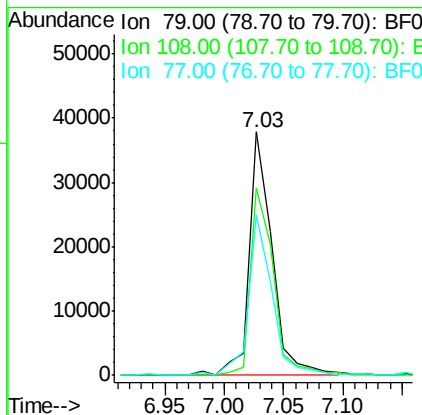
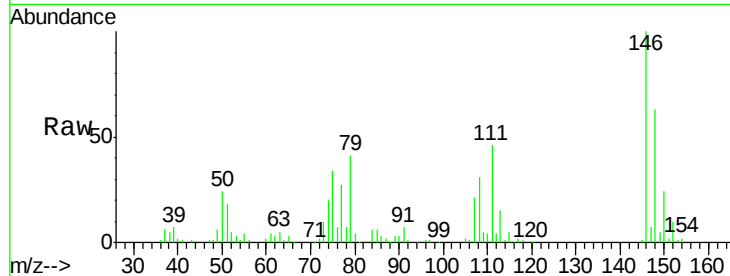
ClientSampleId :

DEL-4S-2(7.0-7.5)MSD

Tgt Ion:	79	Resp:	51263
Ion Ratio	Lower	Upper	
79	100		
108	76.9	57.6	86.4
77	65.8	53.5	80.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.41 ng

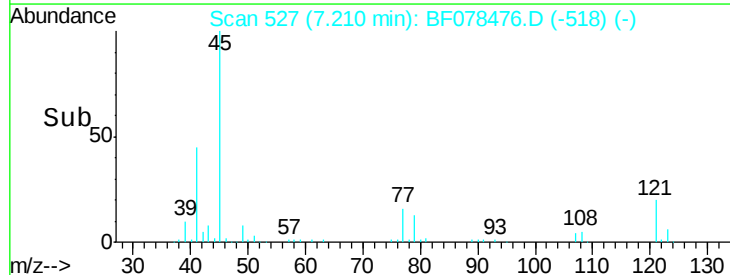
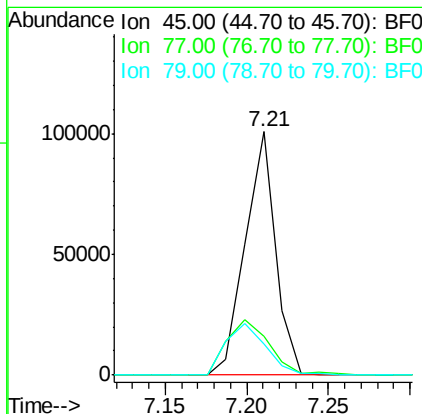
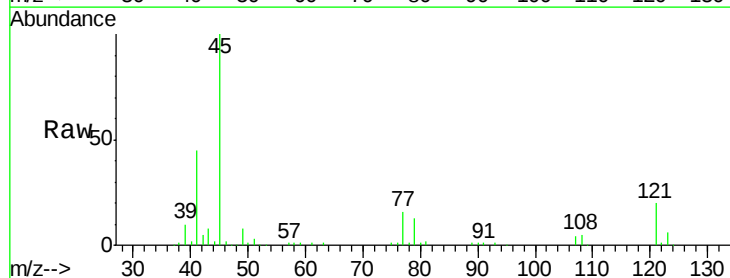
RT: 7.21 min Scan# 527

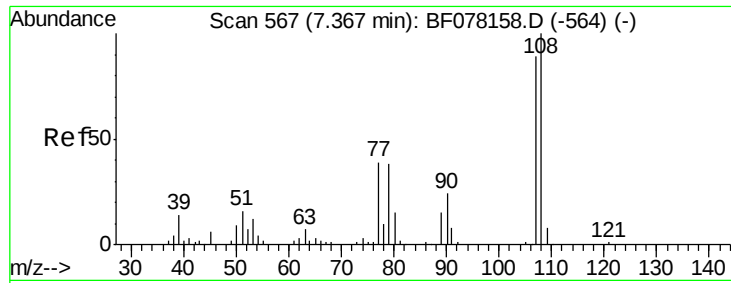
Delta R.T. -0.00 min

Lab File: BF078476.D

Acq: 13 Apr 2015 22:52

Tgt Ion:	45	Resp:	129757
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	34.5
79	12.9	0.0	31.9





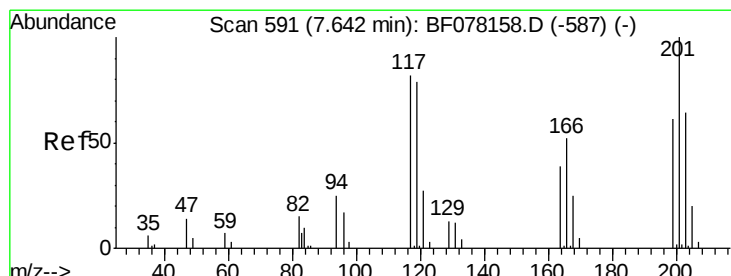
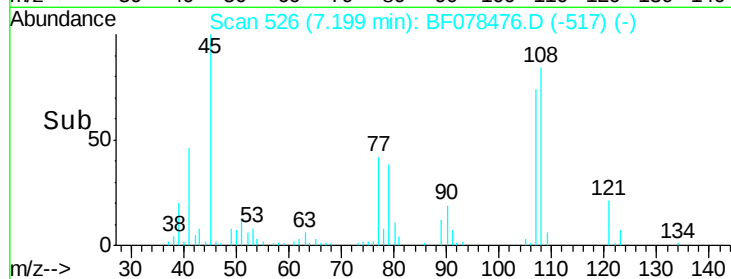
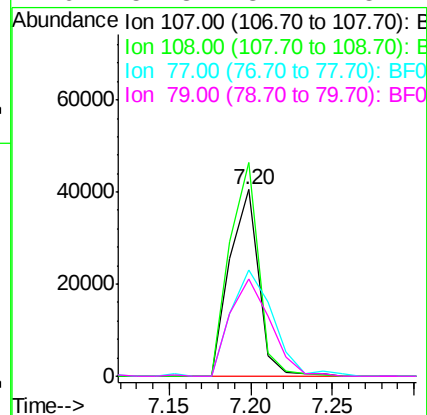
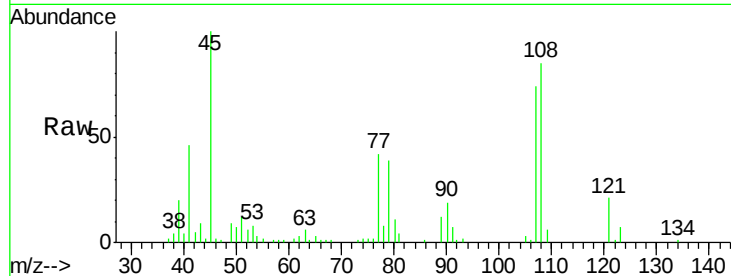
#17
2-Methylphenol
Concen: 27.22 ng
RT: 7.20 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	49574		
108	114.5	90.3	135.5	
77	57.0	35.5	53.3	
79	52.3	34.2	51.4	

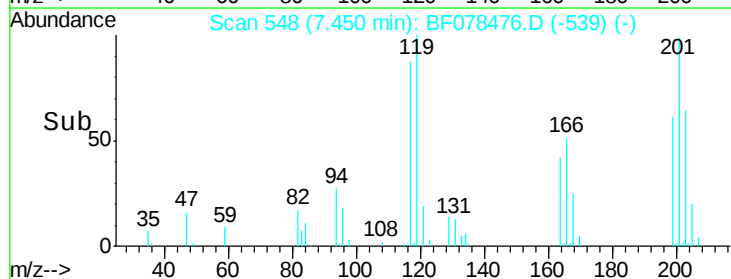
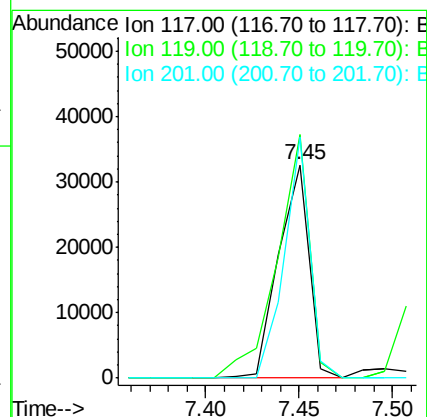
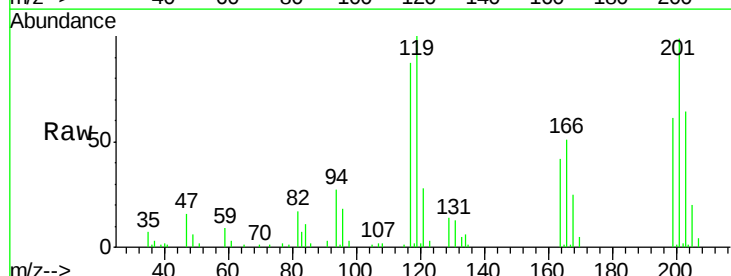
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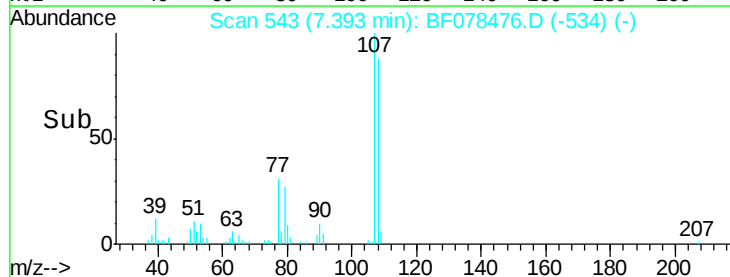
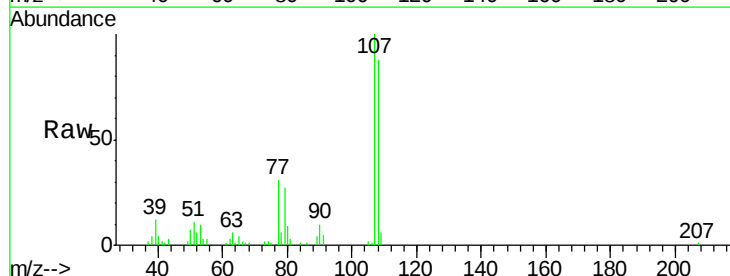
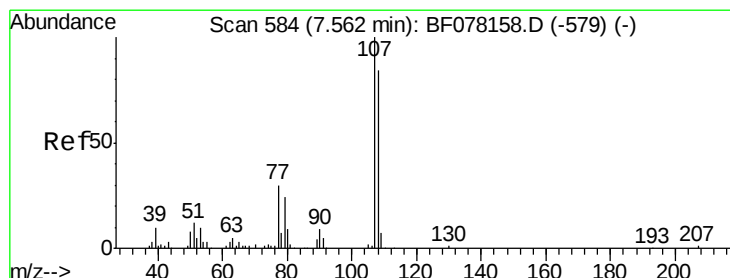
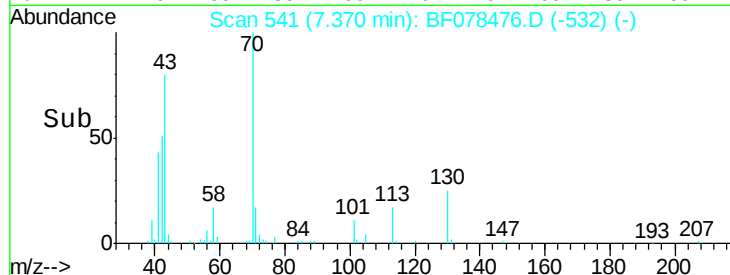
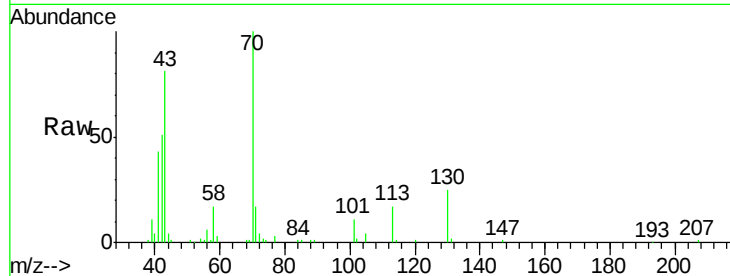
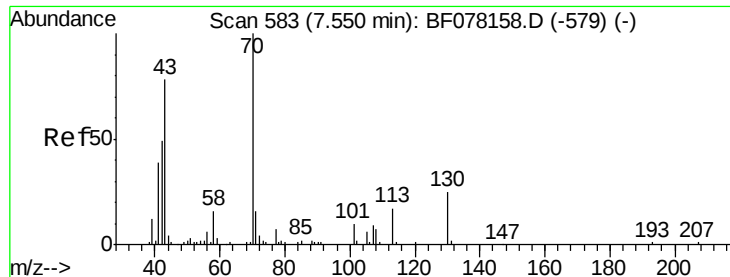
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#18
Hexachloroethane
Concen: 42.11 ng
RT: 7.45 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	36835		
119	114.4	77.0	115.6	
201	113.3	98.1	147.1	

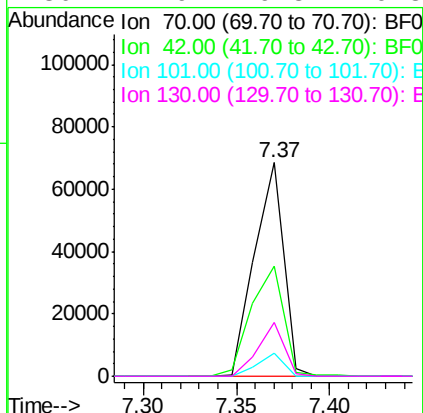




#19
n-Nitroso-di-n-propylamine
Concen: 45.15 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.3	38.9	58.3
101	10.8	8.3	12.5
130	24.9	19.8	29.8

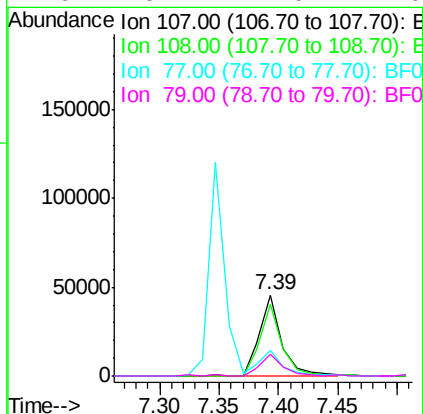


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#20
3+4-Methylphenols
Concen: 24.62 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	64.4	104.4
77	31.4	9.7	49.7
79	26.7	4.0	44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.41 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF078476.D

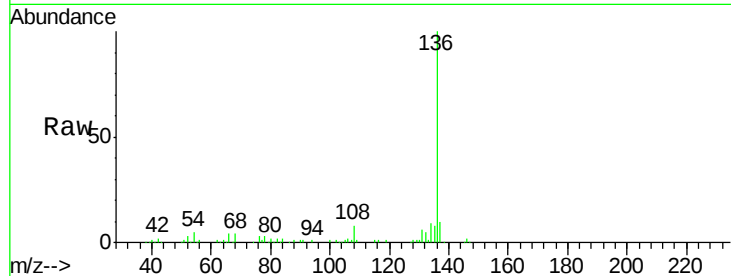
Acq: 13 Apr 2015 22:52

Instrument :

BNA_F

ClientSampleId :

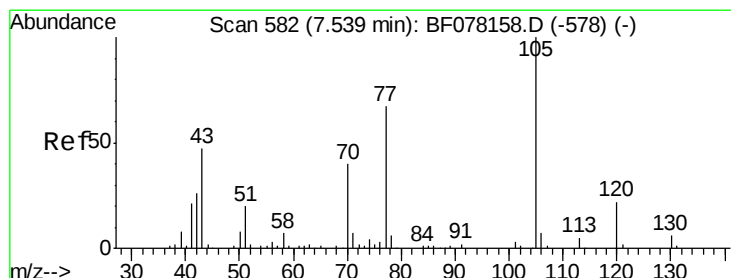
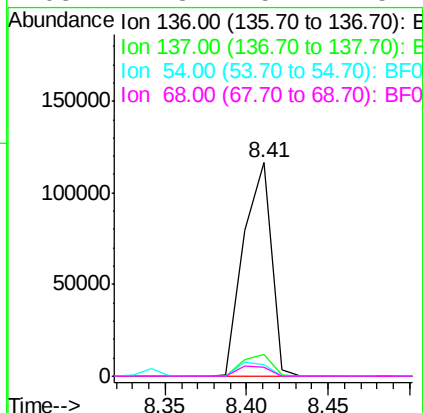
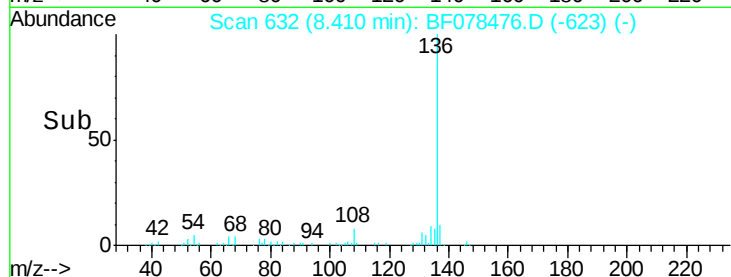
DEL-4S-2(7.0-7.5)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	137875		
137	10.3	9.0	13.4	
54	5.3	7.0	10.6	
68	4.3	5.4	8.2	

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#22

Acetophenone

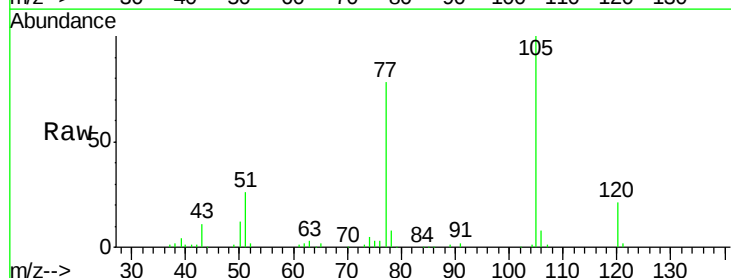
Concen: 46.84 ng

RT: 7.35 min Scan# 539

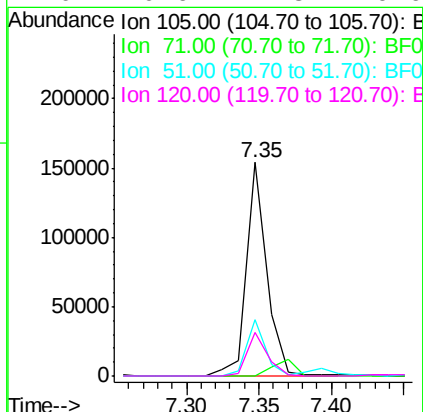
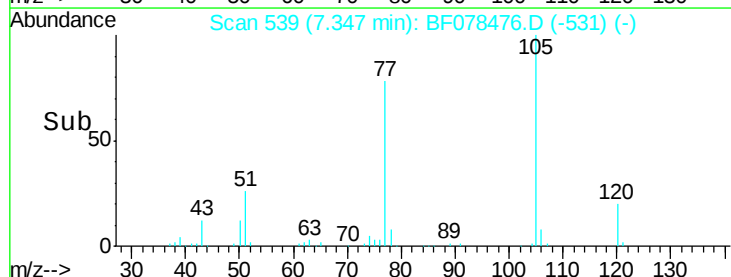
Delta R.T. -0.01 min

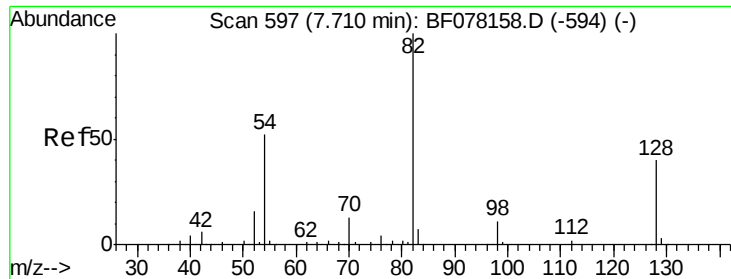
Lab File: BF078476.D

Acq: 13 Apr 2015 22:52



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	150467		
71	0.0	5.5	8.3	
51	26.2	16.0	24.0	
120	20.6	17.8	26.6	





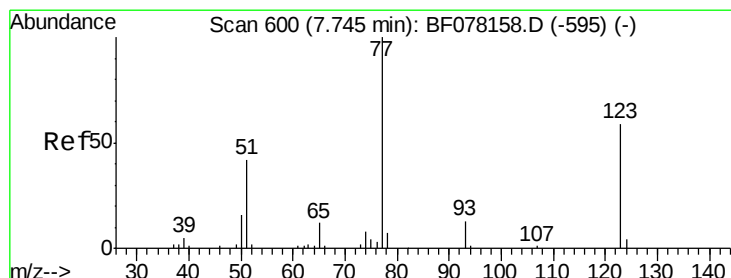
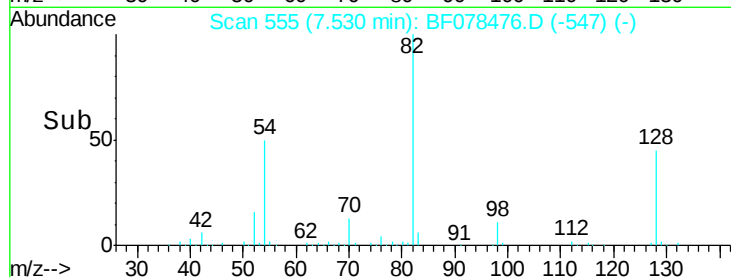
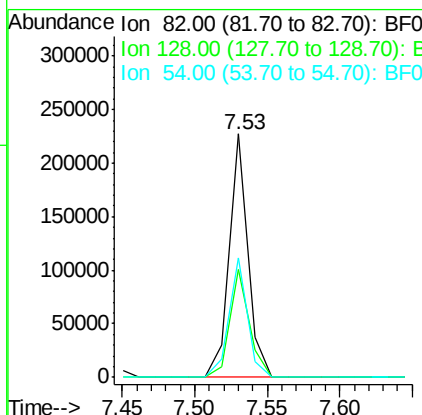
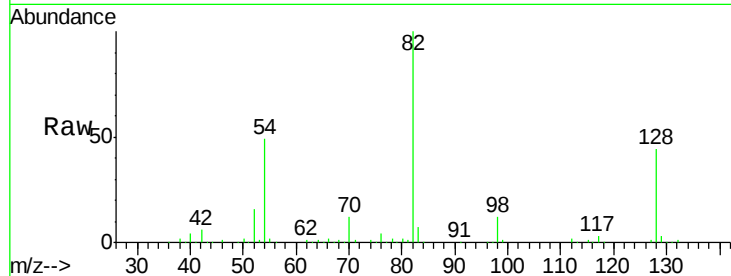
#23
 Nitrobenzene-d5
 Concen: 89.82 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	204301		
128	44.3	31.8	47.8	
54	49.1	41.5	62.3	

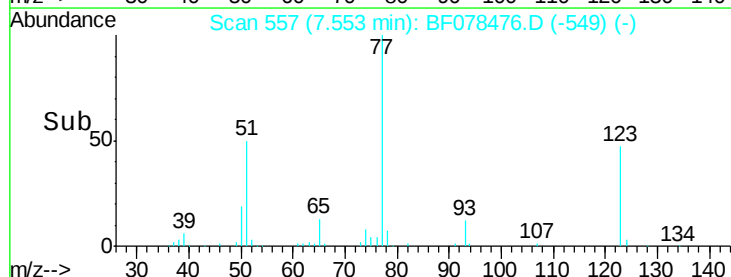
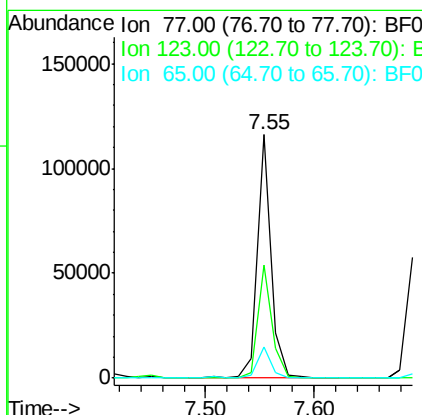
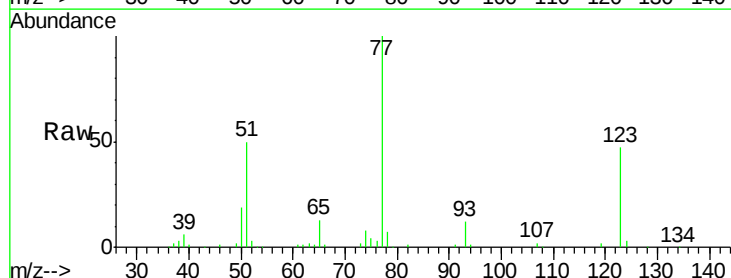
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#24
 Nitrobenzene
 Concen: 43.92 ng
 RT: 7.55 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	104430		
123	46.6	46.9	70.3#	
65	12.7	9.5	14.3	





#25

Isophorone

Concen: 44.20 ng

RT: 7.86 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF078476.D

Acq: 13 Apr 2015 22:52

Instrument :

BNA_F

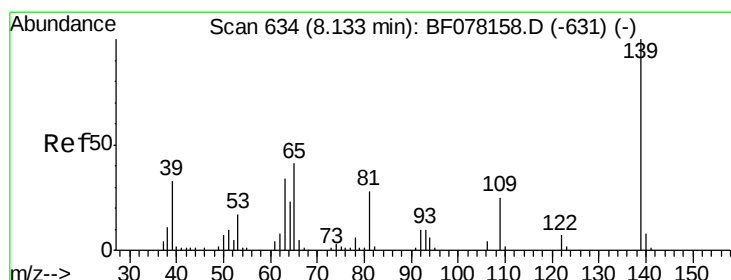
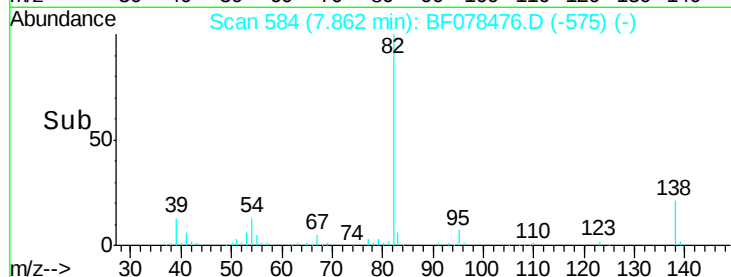
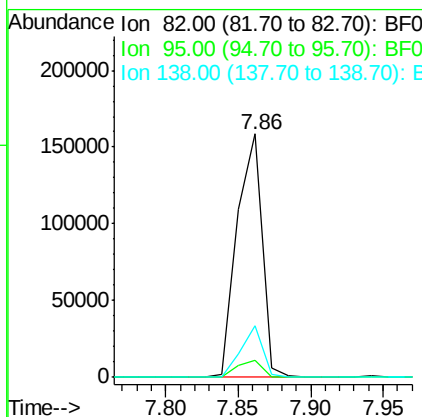
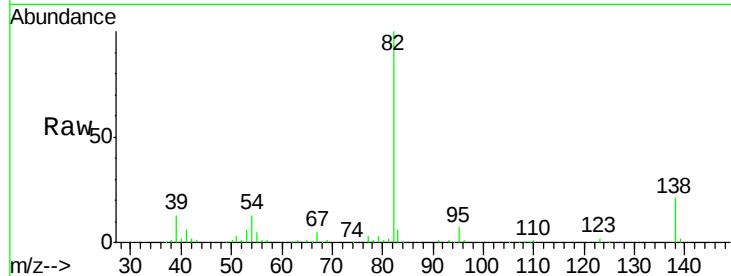
ClientSampleId :

DEL-4S-2(7.0-7.5)MSD

Tgt Ion:	82	Resp:	190822
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.7	8.5
138	21.3	15.8	23.8

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#26

2-Nitrophenol

Concen: 40.66 ng

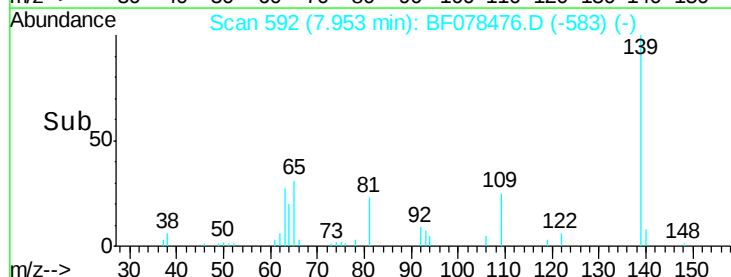
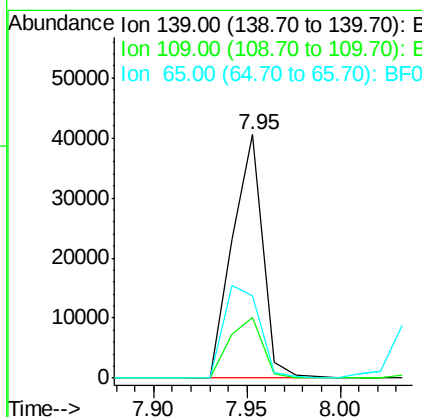
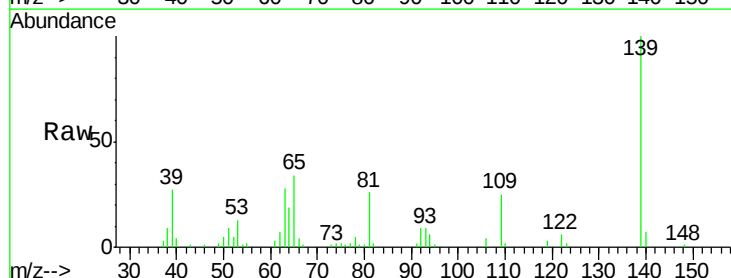
RT: 7.95 min Scan# 592

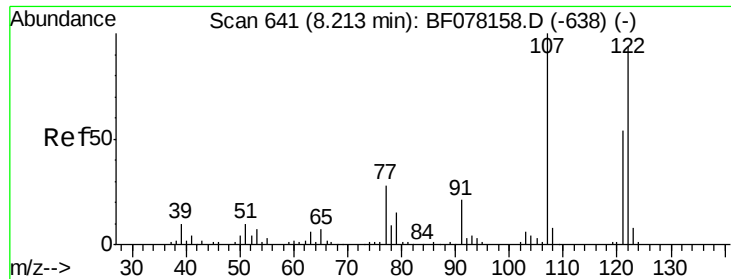
Delta R.T. -0.00 min

Lab File: BF078476.D

Acq: 13 Apr 2015 22:52

Tgt Ion:	139	Resp:	46072
Ion Ratio		Lower	Upper
139	100		
109	24.8	19.8	29.8
65	33.9	32.7	49.1





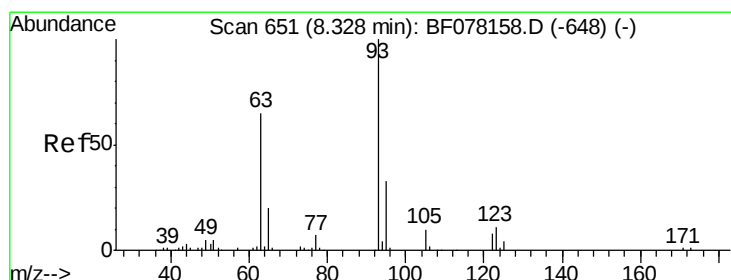
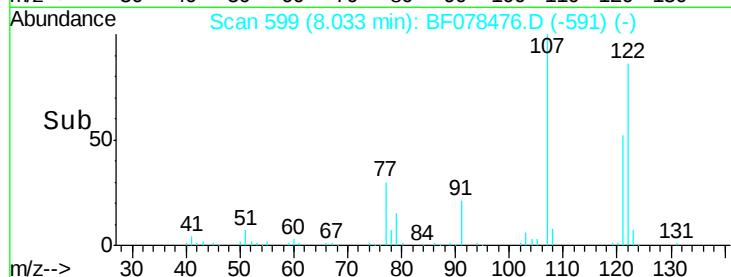
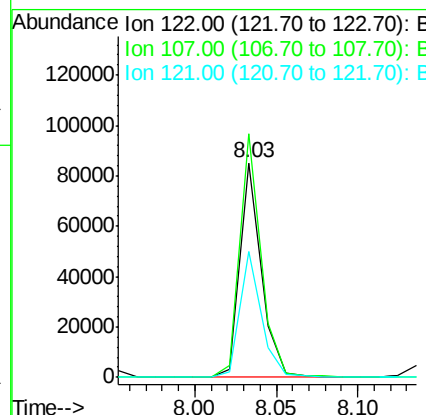
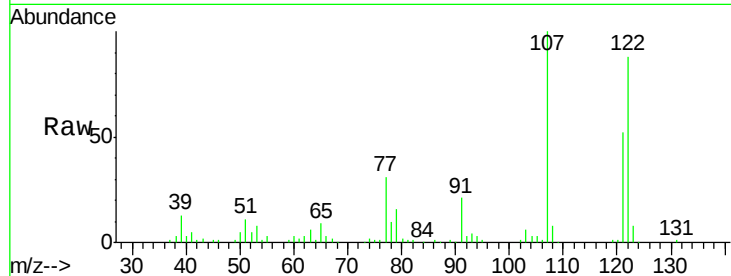
#27
 2,4-Dimethylphenol
 Concen: 36.28 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.5	84.6	127.0
121	58.5	46.0	69.0

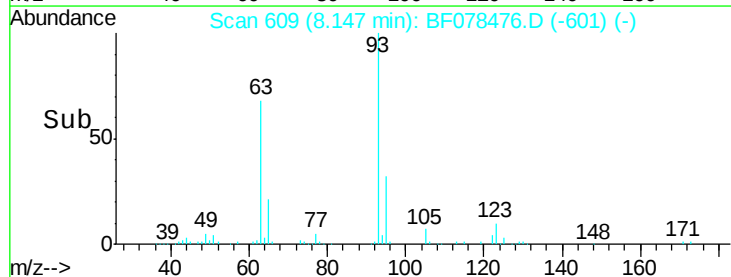
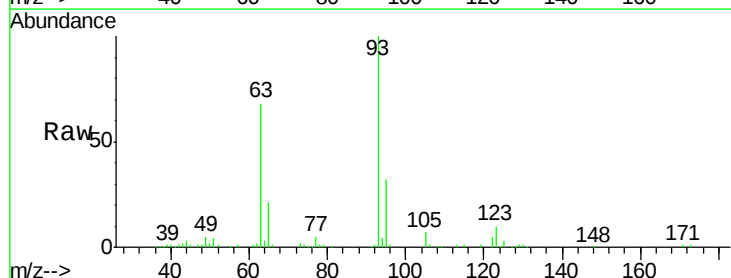
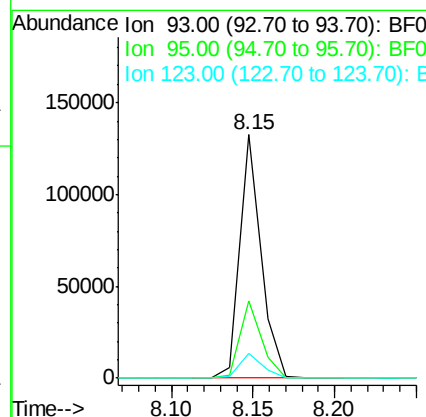
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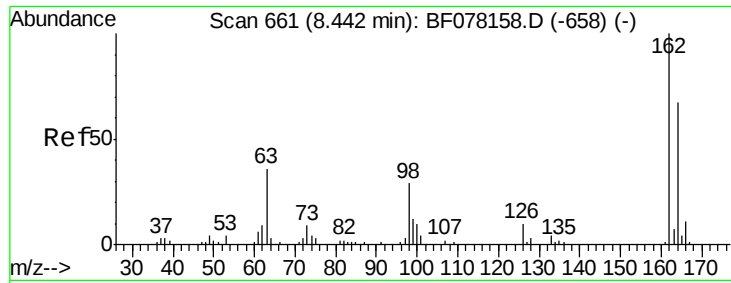
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.61 ng
 RT: 8.15 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.3	39.5
123	10.3	9.1	13.7





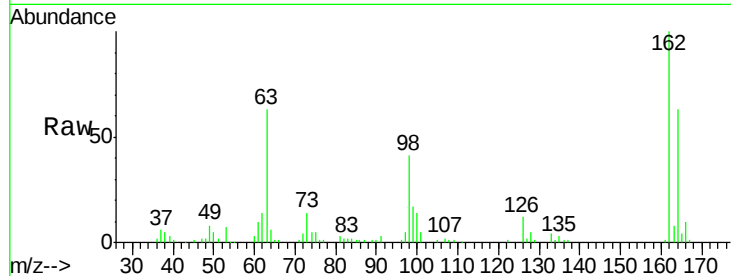
#29
 2,4-Dichlorophenol
 Concen: 41.67 ng
 RT: 8.25 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

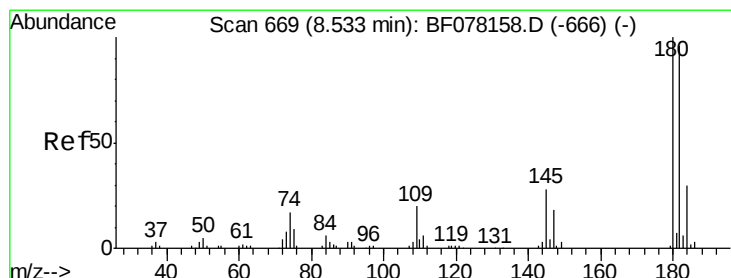
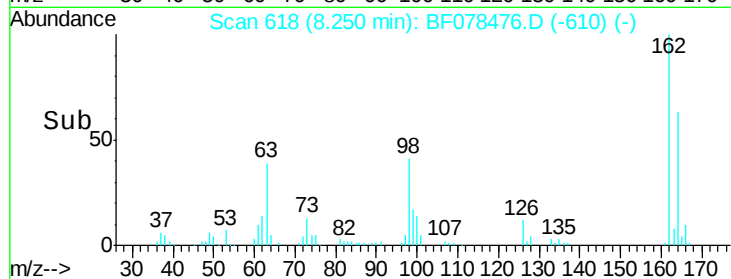
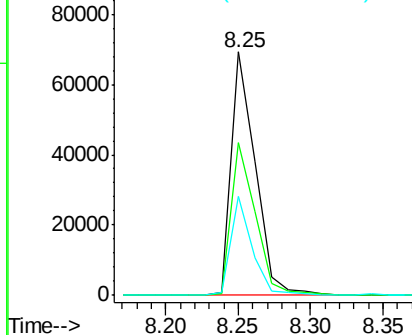
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	79884		
164	62.5	47.0	87.0	
98	40.6	9.2	49.2	

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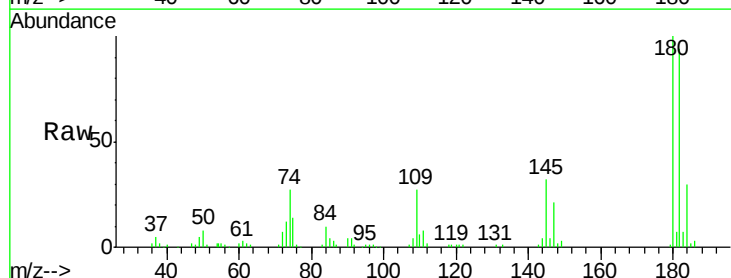


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

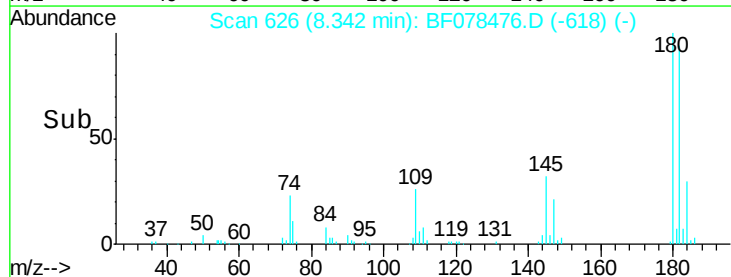
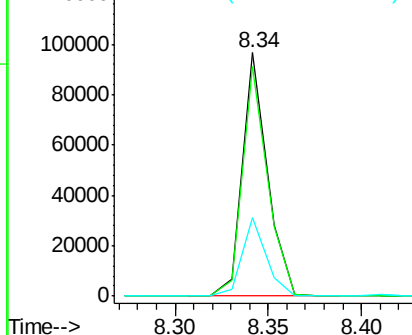


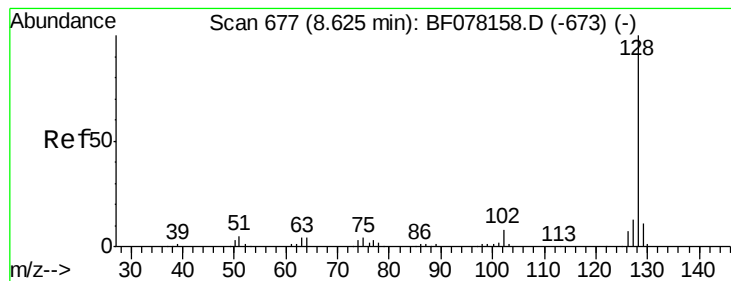
#30
 1,2,4-Trichlorobenzene
 Concen: 41.22 ng
 RT: 8.34 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90593		
182	94.3	76.9	115.3	
145	32.0	22.5	33.7	



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





#31

Naphthalene

Concen: 70.32 ng

RT: 8.43 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF078476.D

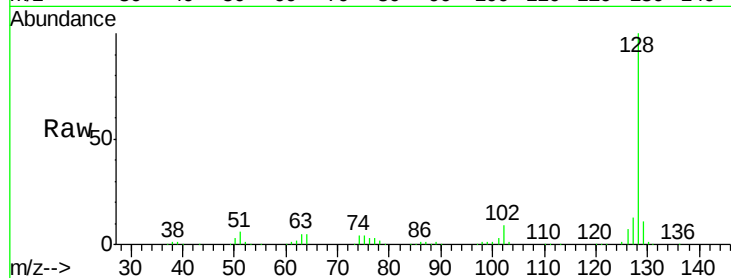
Acq: 13 Apr 2015 22:52

Instrument :

BNA_F

ClientSampleId :

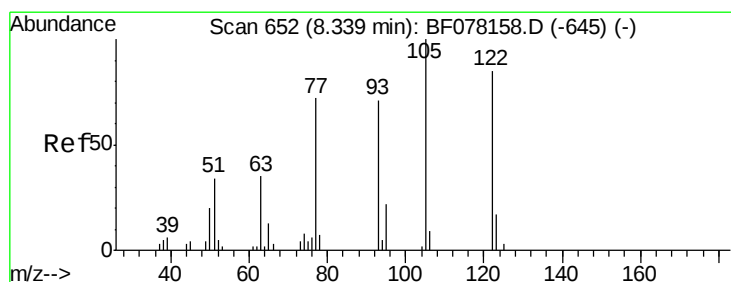
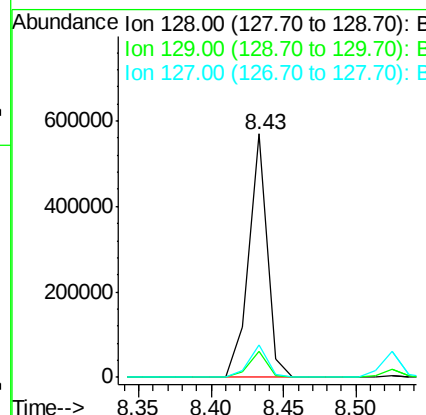
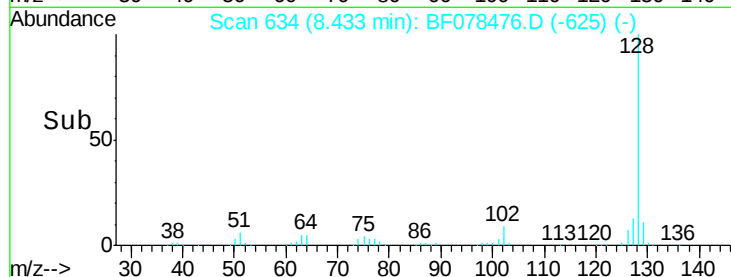
DEL-4S-2(7.0-7.5)MSD



Tgt Ion:	128	Resp:	504623
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	12.8
127	13.1	10.7	16.1

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#32

Benzoic acid

Concen: 17.56 ng

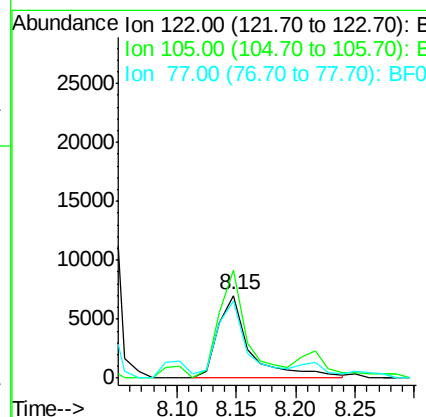
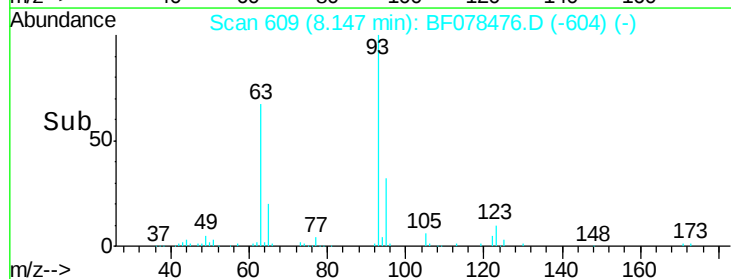
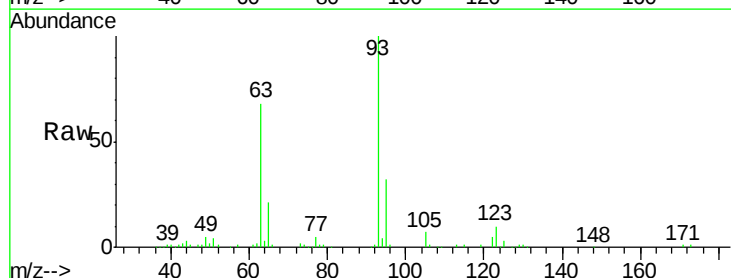
RT: 8.15 min Scan# 609

Delta R.T. -0.05 min

Lab File: BF078476.D

Acq: 13 Apr 2015 22:52

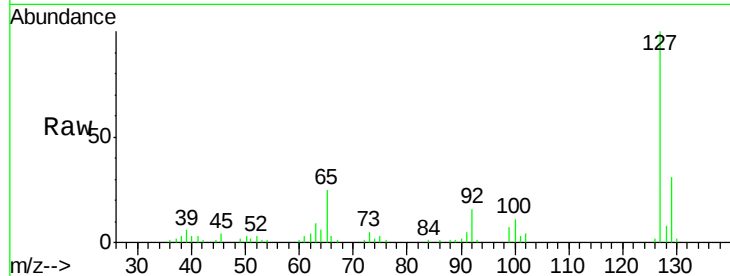
Tgt Ion:	122	Resp:	13266
Ion Ratio	Lower	Upper	
122	100		
105	129.8	96.1	136.1
77	93.2	64.1	104.1





#33
 4-Chloroaniline
 Concen: 20.15 ng
 RT: 8.52 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

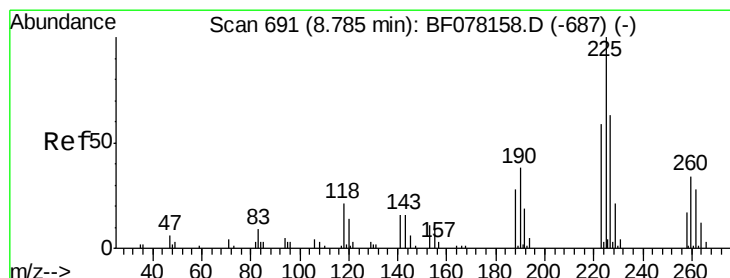
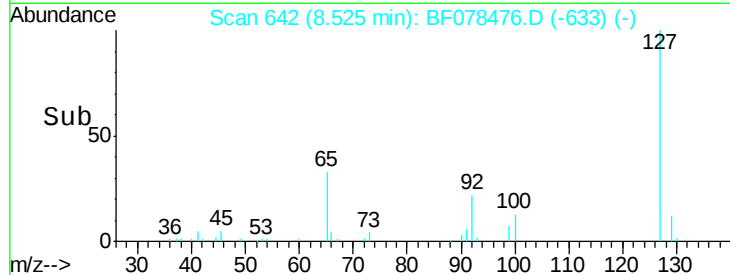
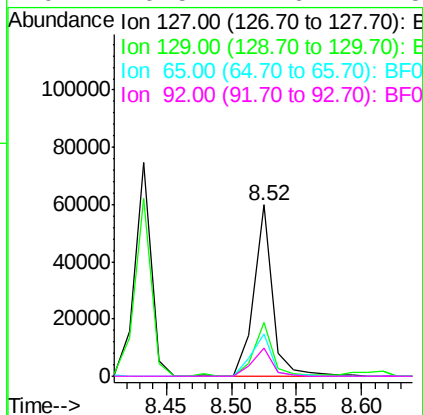
Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.5	38.3
65	24.5	21.7	32.5
92	16.5	14.6	21.8

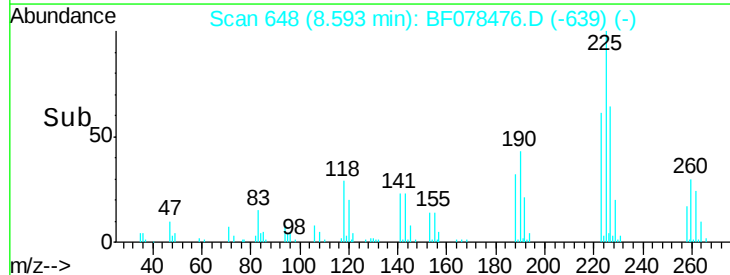
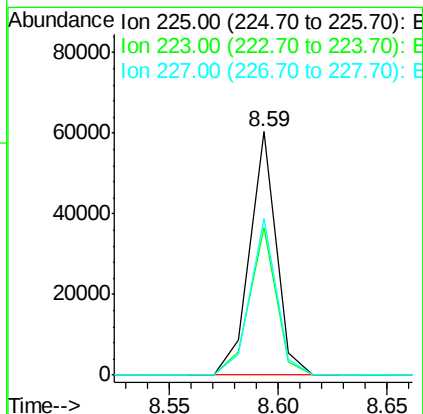
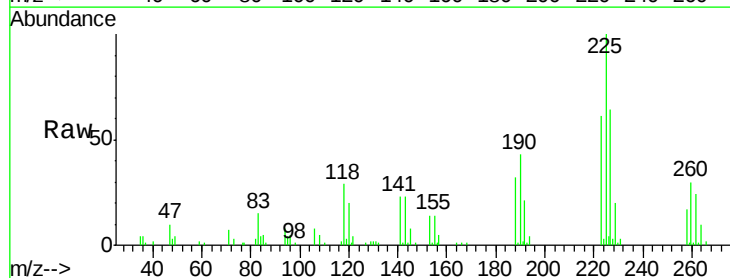
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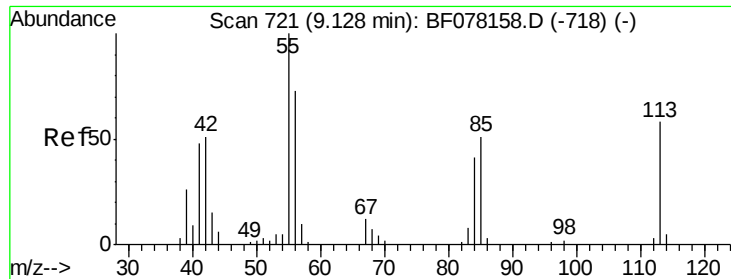
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#34
 Hexachlorobutadiene
 Concen: 42.41 ng
 RT: 8.59 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	47.5	71.3
227	64.2	50.2	75.2





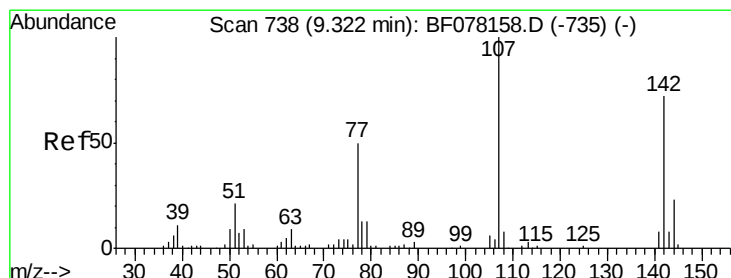
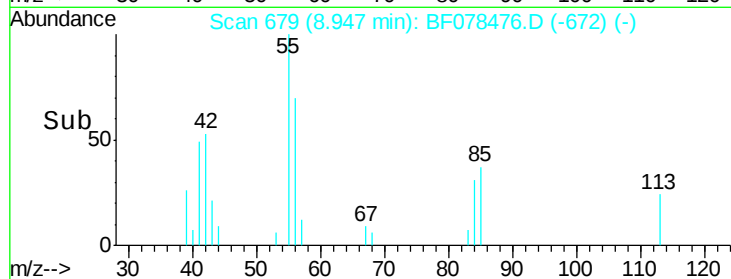
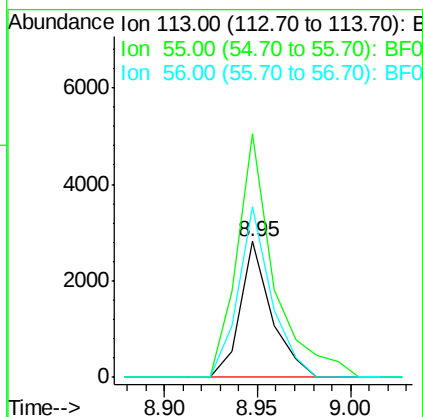
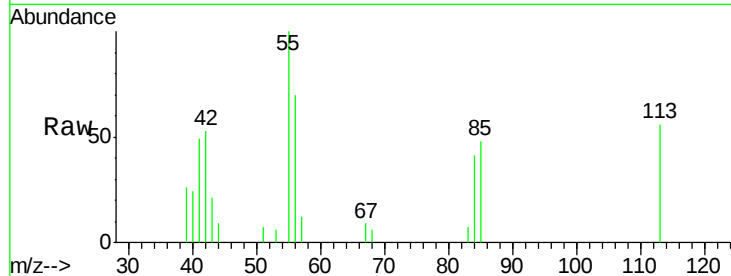
#35
 Caprolactam
 Concen: 5.74 ng
 RT: 8.95 min Scan# 679
 Delta R.T. -0.02 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	179.3	151.9	191.9
56	125.5	106.1	146.1

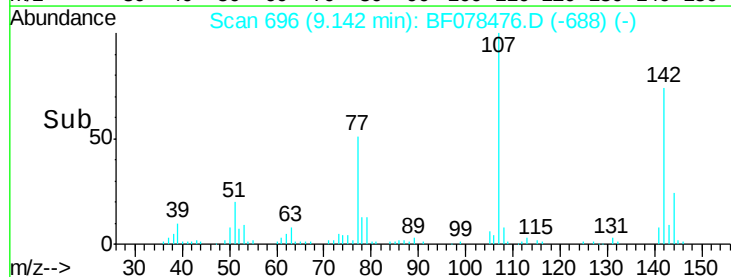
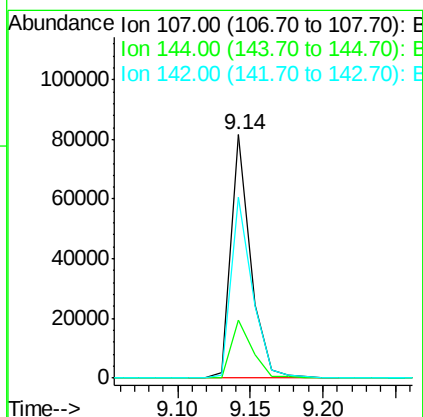
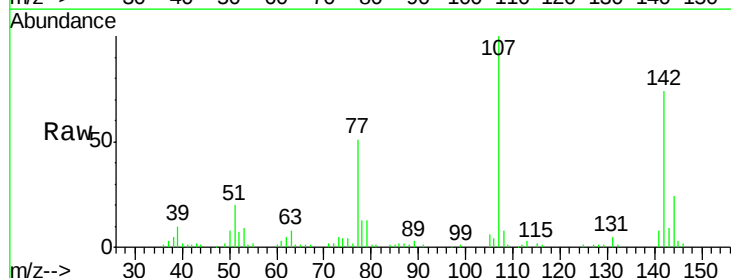
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#36
 4-Chloro-3-methylphenol
 Concen: 40.29 ng
 RT: 9.14 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	18.2	27.2
142	74.2	58.0	87.0





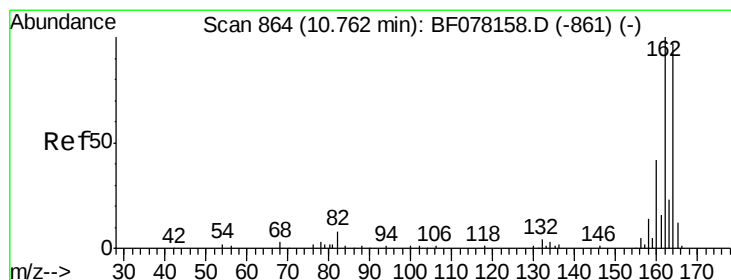
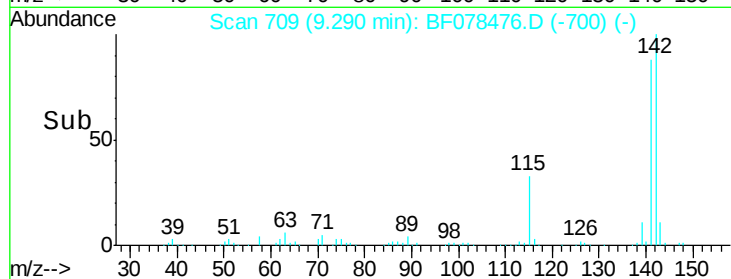
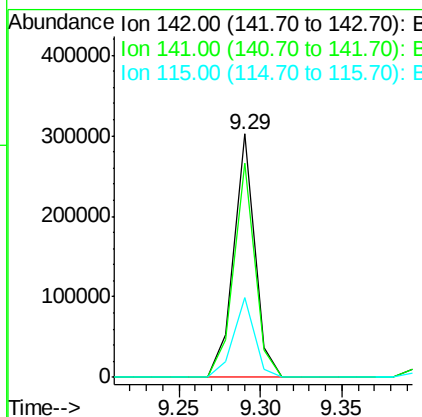
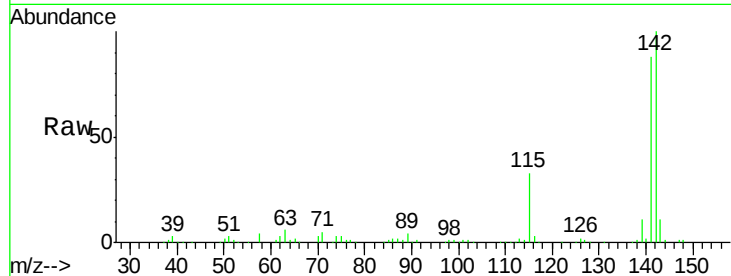
#37
 2-Methylnaphthalene
 Concen: 55.54 ng
 RT: 9.29 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	33.0	24.6	37.0

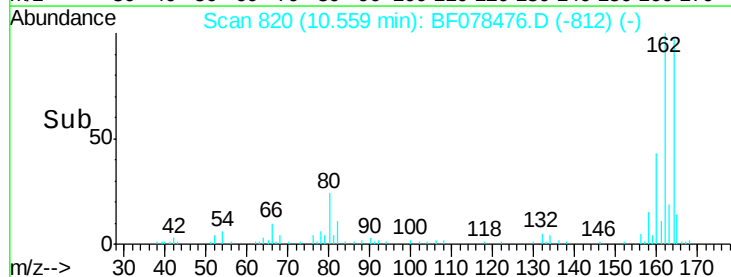
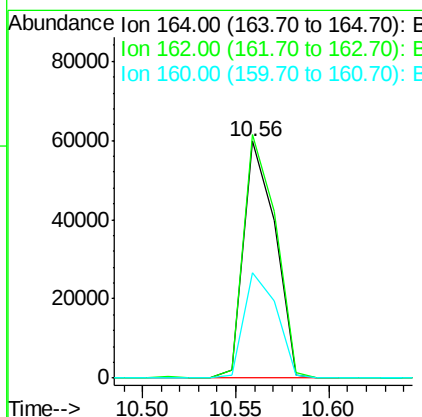
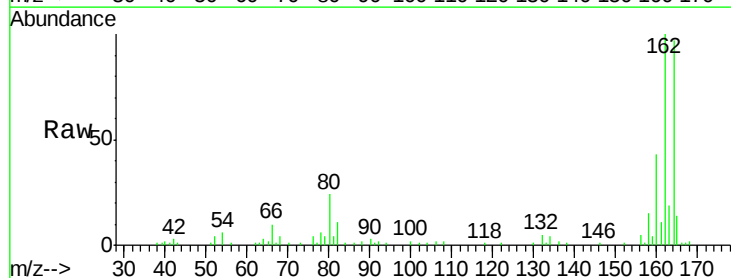
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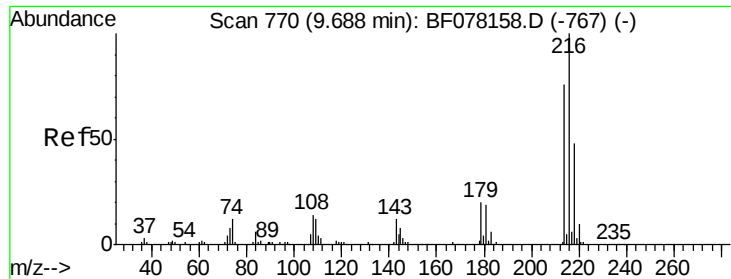
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.2
160	44.6	34.7	52.1





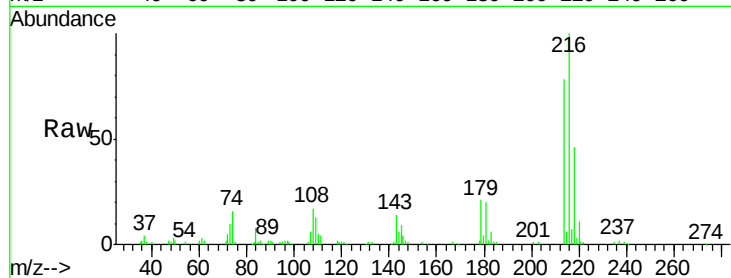
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.61 ng
 RT: 9.50 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

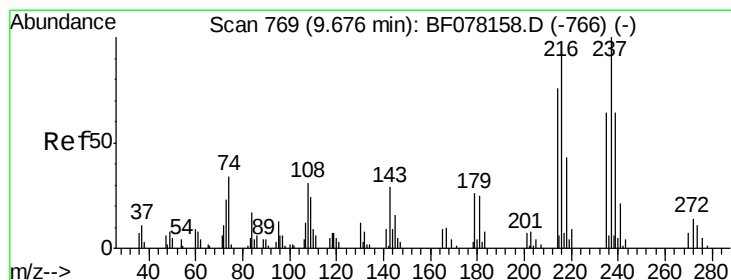
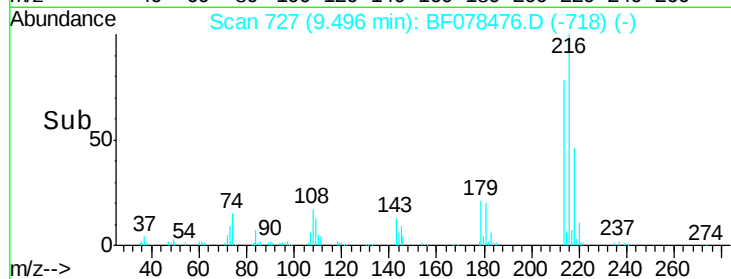
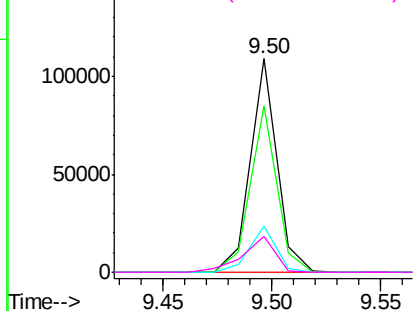
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Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.0	93.0
179	21.8	17.3	25.9
108	20.2	14.6	21.8

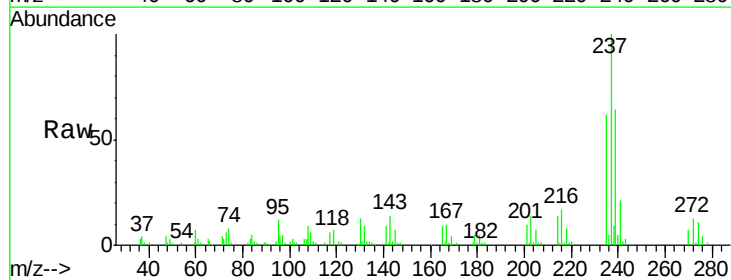


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

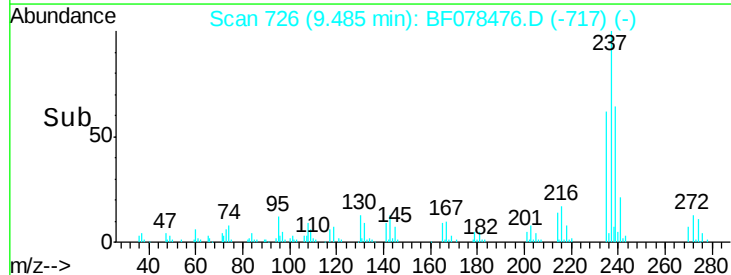
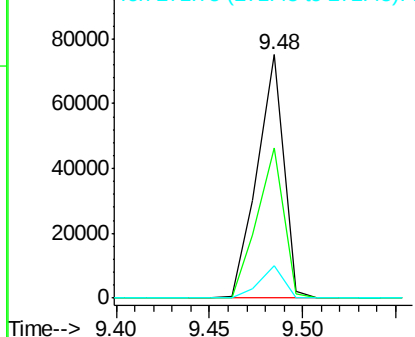


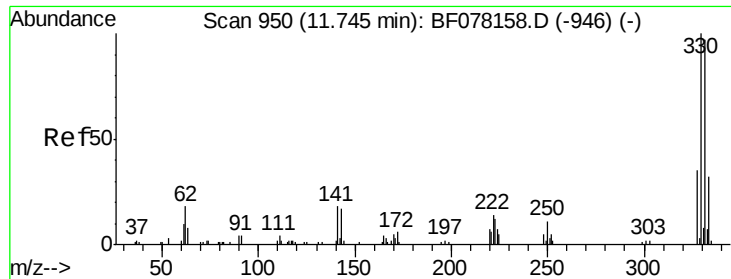
#40
 Hexachlorocyclopentadiene
 Concen: 78.93 ng
 RT: 9.48 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.8	44.1	84.1
272	13.4	0.0	34.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





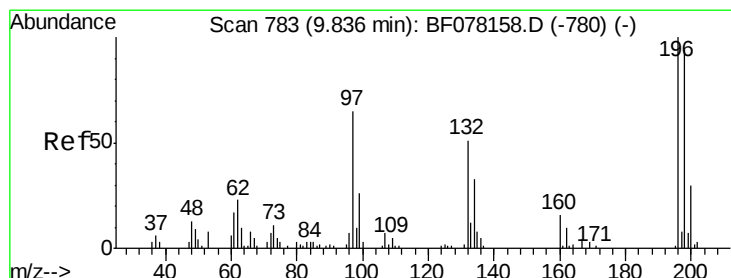
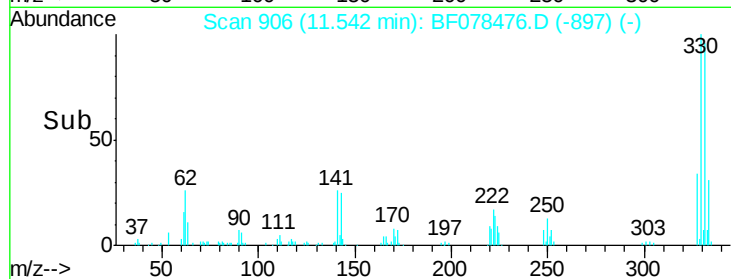
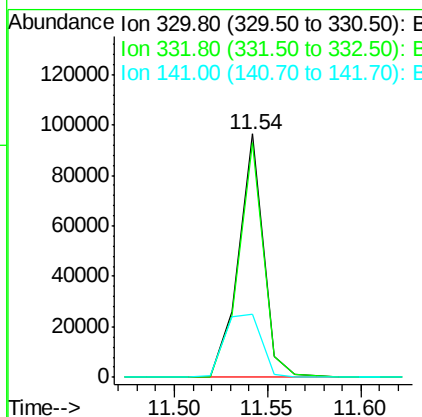
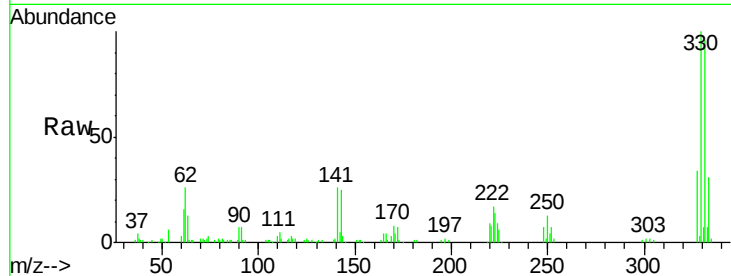
#41
 2,4,6-Tribromophenol
 Concen: 156.44 ng
 RT: 11.54 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	91135		
332	96.0	78.6	117.8	
141	38.6	31.2	46.8	

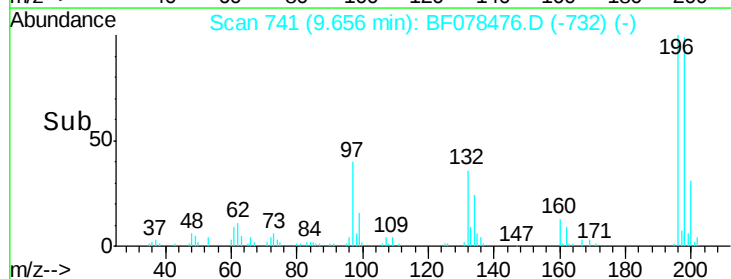
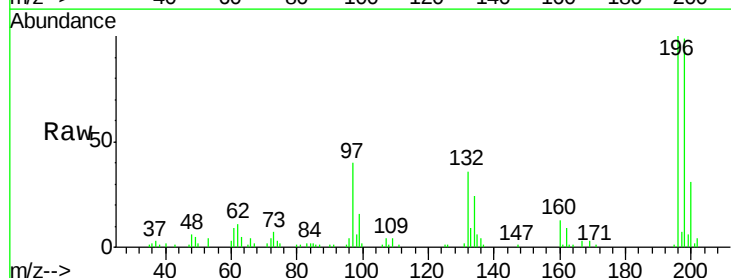
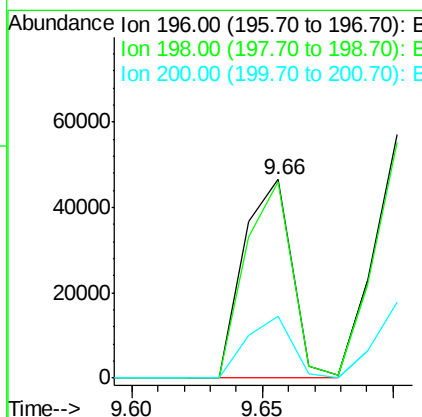
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#42
 2,4,6-Trichlorophenol
 Concen: 43.39 ng
 RT: 9.66 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

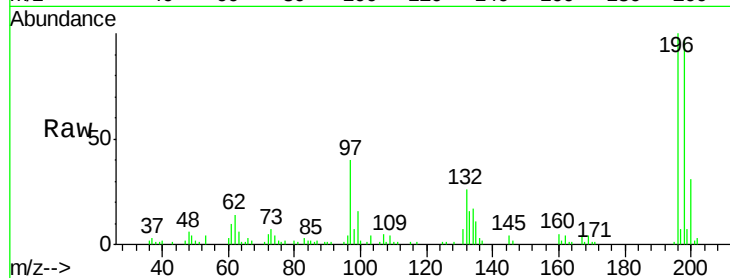
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	59557		
198	98.9	75.4	113.2	
200	31.3	24.0	36.0	





#43
 2,4,5-Trichlorophenol
 Concen: 42.50 ng
 RT: 9.70 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

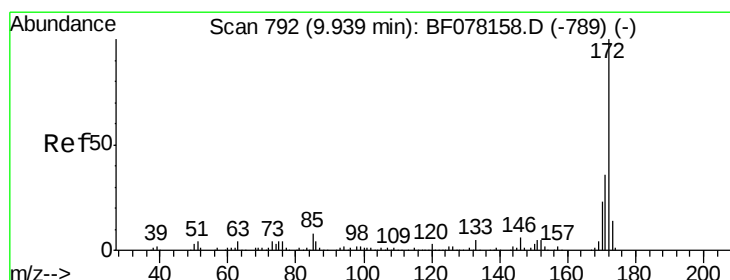
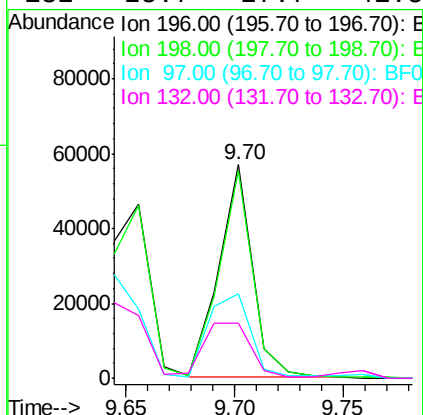
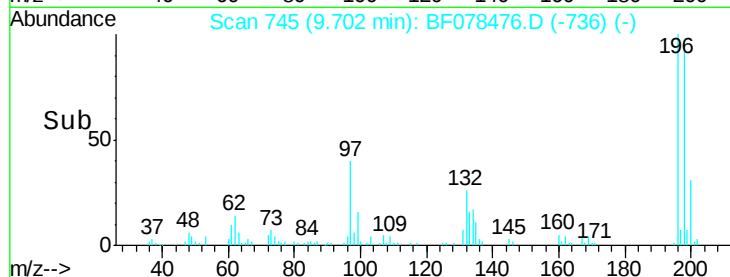
Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	60941		
198	97.1	76.6	115.0	
97	39.8	50.6	75.8	
132	25.7	27.7	41.5	

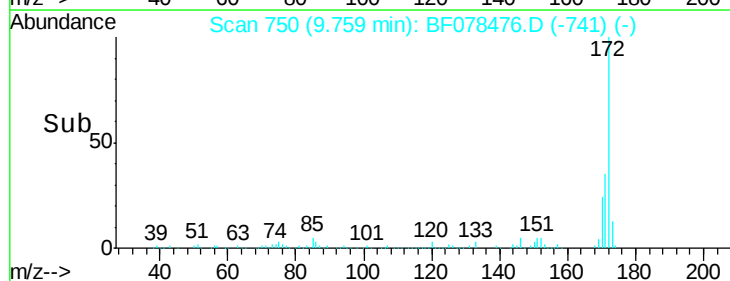
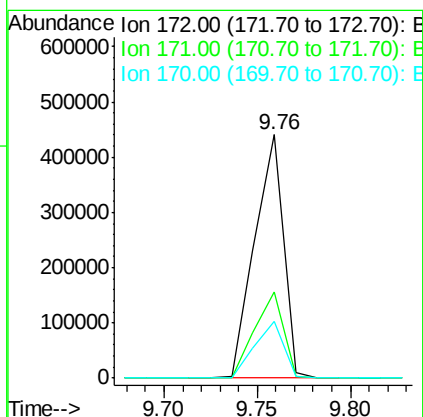
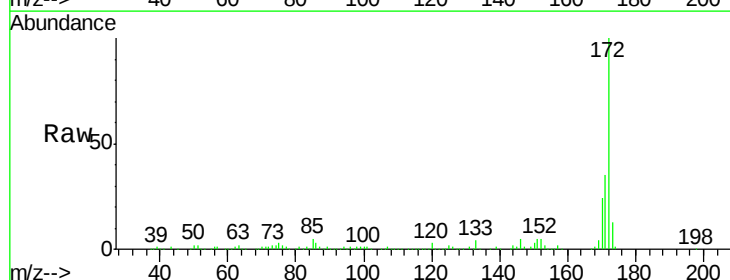
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#44
 2-Fluorobiphenyl
 Concen: 95.73 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	470426		
171	35.2	28.6	42.8	
170	23.5	18.5	27.7	





#45

1,1'-Biphenyl

Concen: 46.82 ng

RT: 9.87 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF078476.D

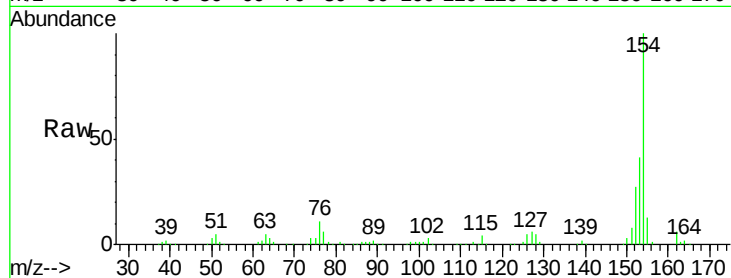
Acq: 13 Apr 2015 22:52

Instrument :

BNA_F

ClientSampleId :

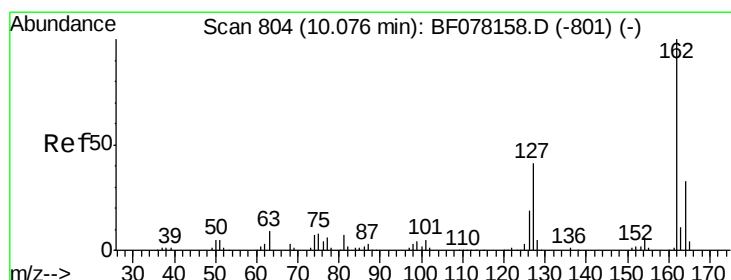
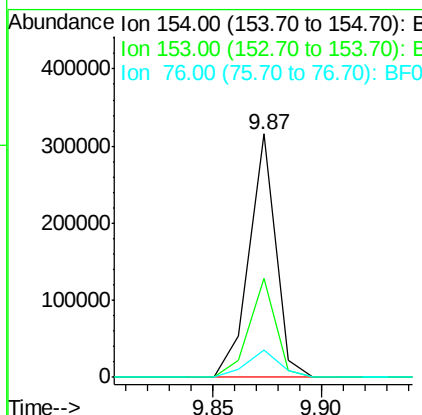
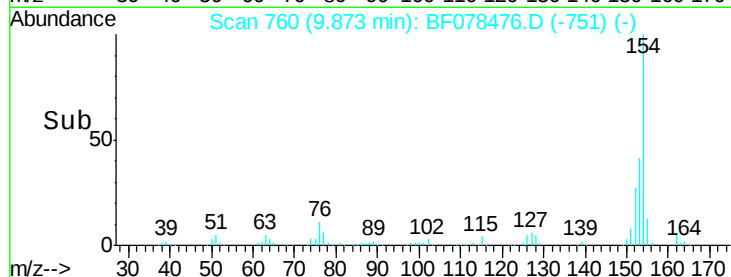
DEL-4S-2(7.0-7.5)MSD



Tgt Ion:	154	Resp:	268985
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.0	60.0
76	11.2	0.0	30.6

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#46

2-Chloronaphthalene

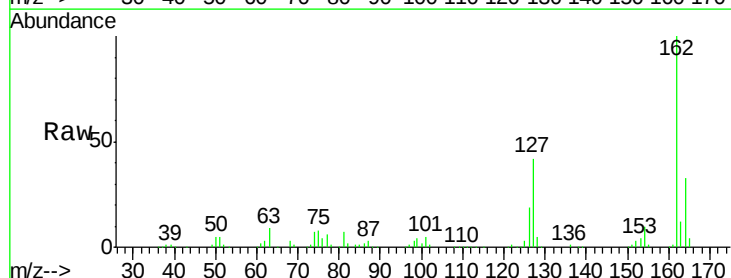
Concen: 43.45 ng

RT: 9.88 min Scan# 761

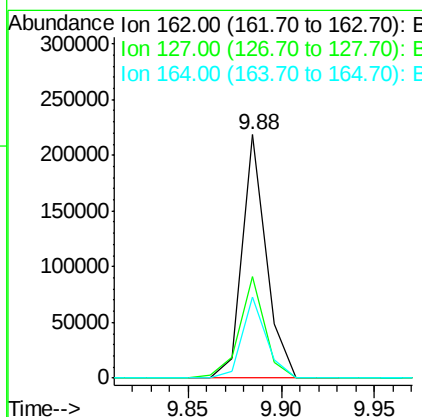
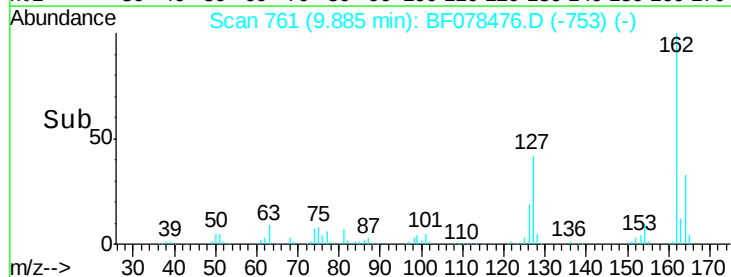
Delta R.T. -0.01 min

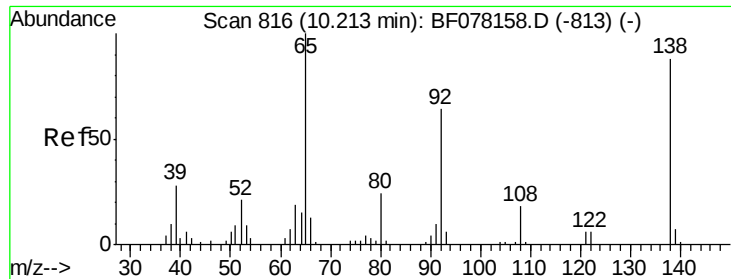
Lab File: BF078476.D

Acq: 13 Apr 2015 22:52



Tgt Ion:	162	Resp:	196409
Ion Ratio	Lower	Upper	
162	100		
127	41.9	32.6	49.0
164	33.2	26.0	39.0





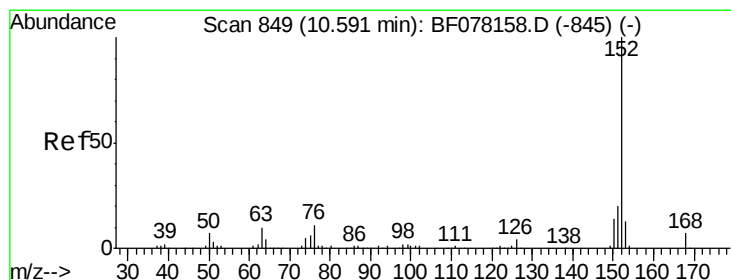
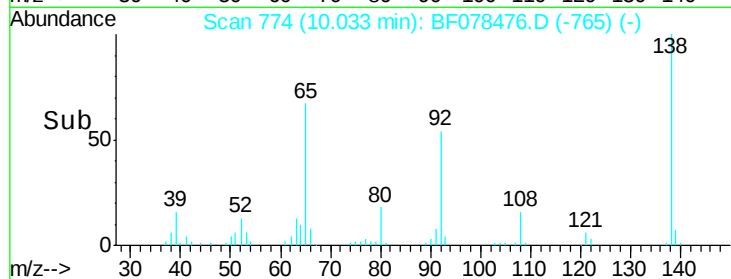
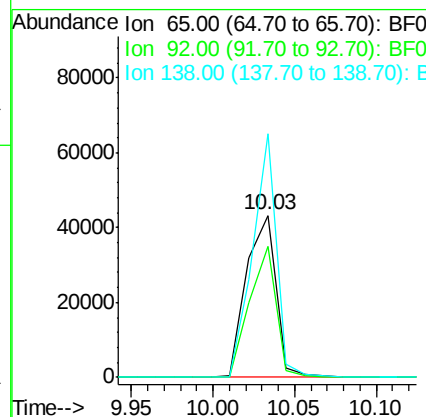
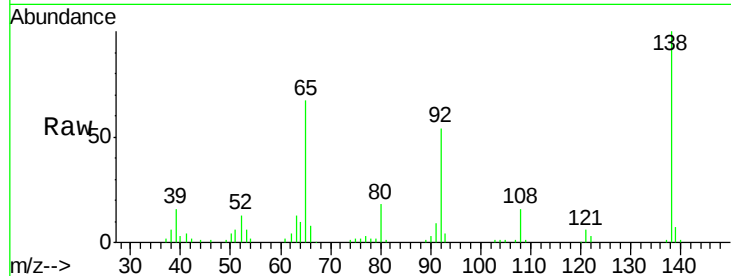
#47
2-Nitroaniline
Concen: 48.50 ng
RT: 10.03 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	80.5	51.3	76.9#
138	150.2	70.4	105.6#

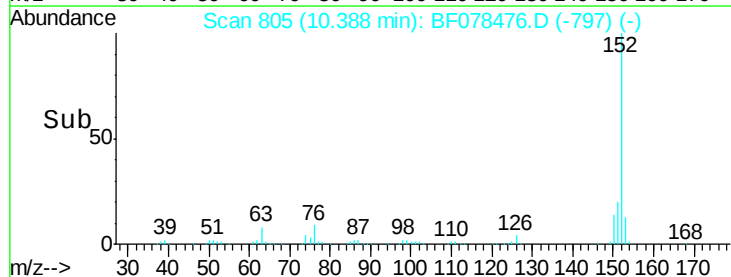
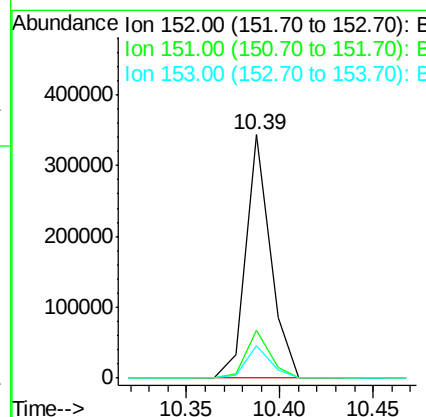
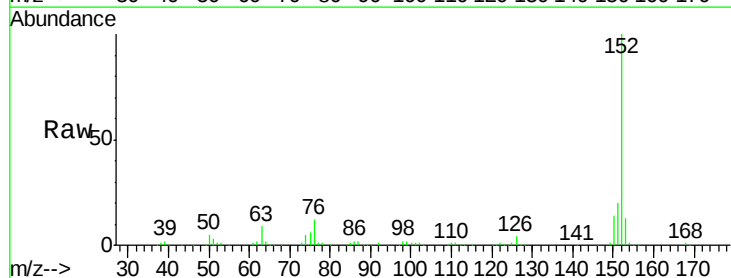
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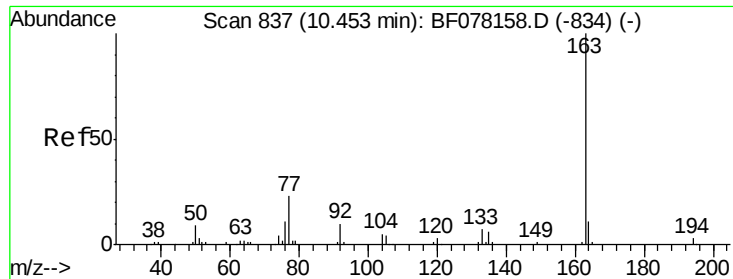
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#48
Acenaphthylene
Concen: 43.55 ng
RT: 10.39 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.2	10.2	15.2





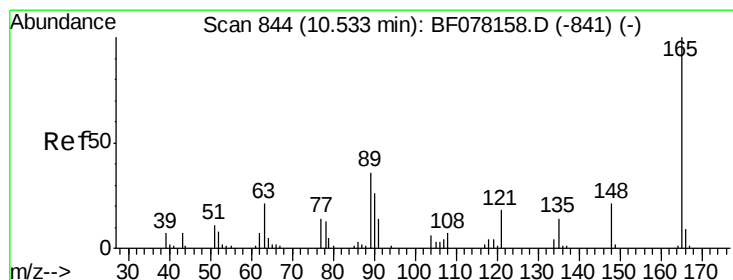
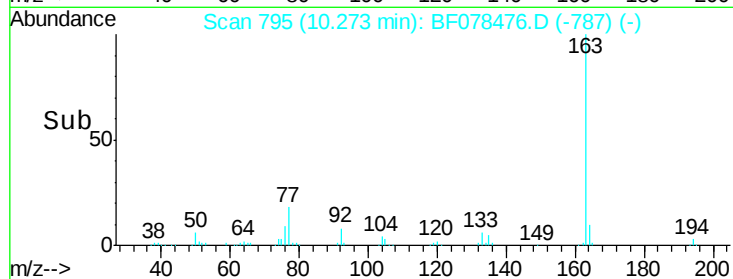
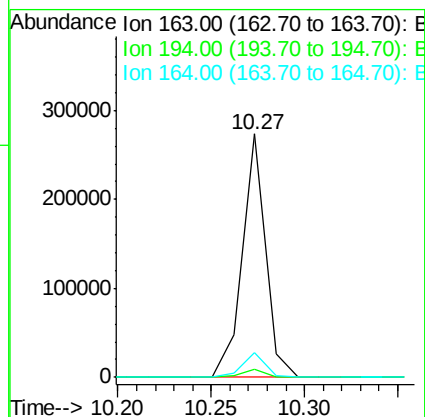
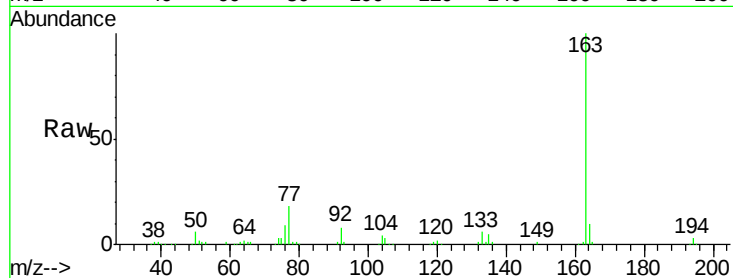
#49
Dimethylphthalate
Concen: 45.33 ng
RT: 10.27 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.3	3.5
164	10.2	8.6	13.0

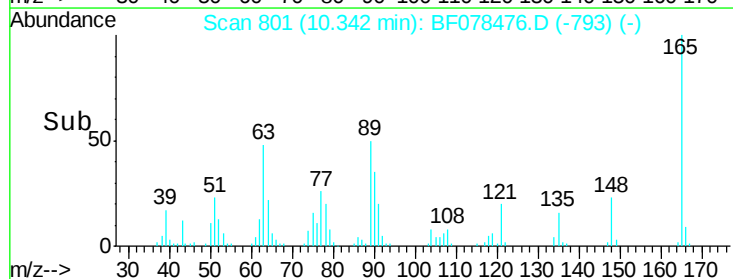
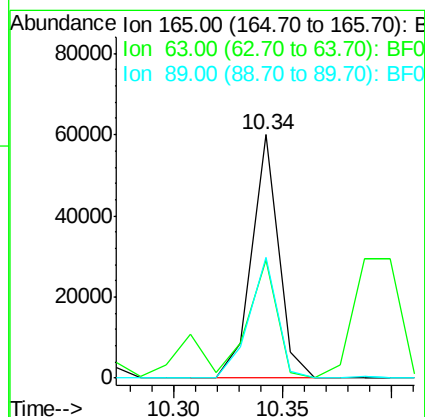
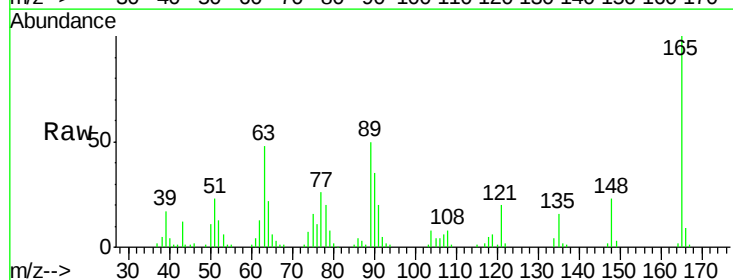
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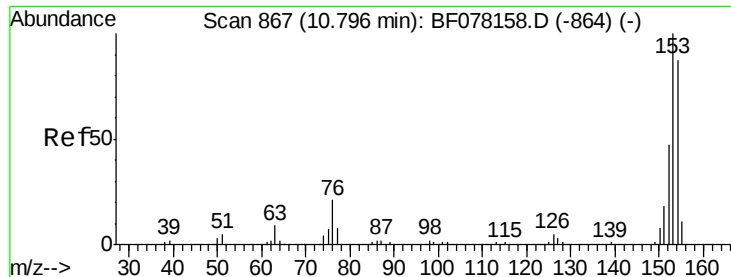
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#50
2,6-Dinitrotoluene
Concen: 47.46 ng
RT: 10.34 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.3	24.1	36.1#
89	49.8	28.9	43.3#





#51

Acenaphthene

Concen: 46.02 ng

RT: 10.60 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF078476.D

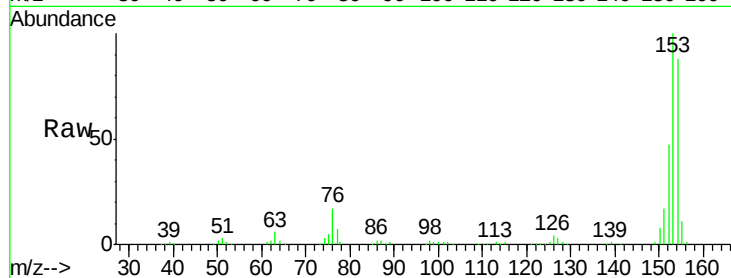
Acq: 13 Apr 2015 22:52

Instrument :

BNA_F

ClientSampleId :

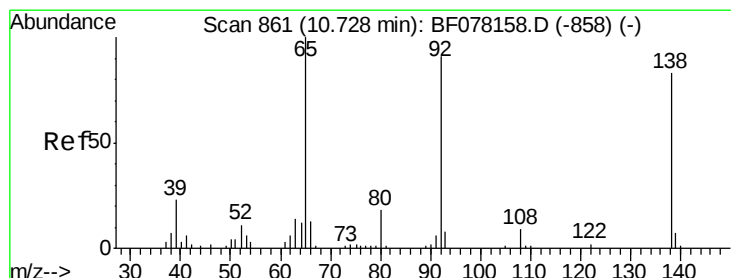
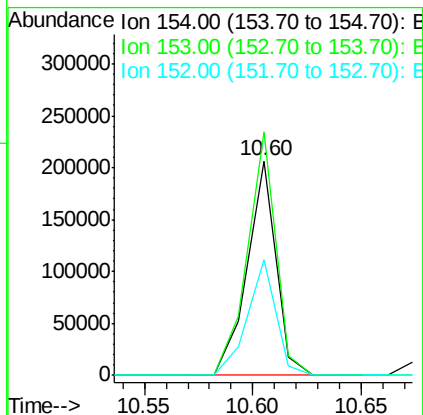
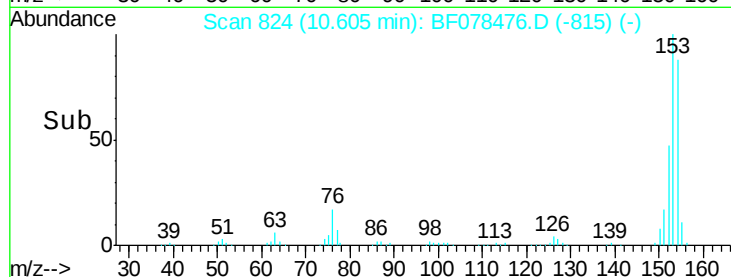
DEL-4S-2(7.0-7.5)MSD



Tgt Ion:	154	Resp:	189125
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.4	137.2
152	53.8	43.0	64.6

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#52

3-Nitroaniline

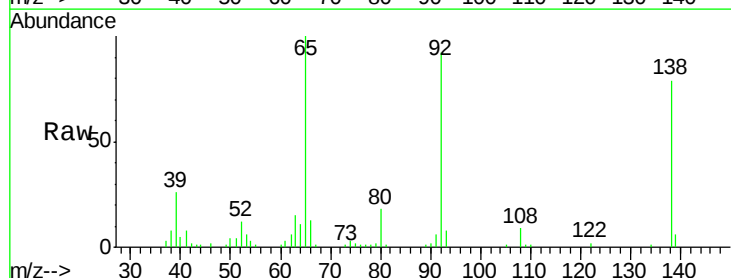
Concen: 29.58 ng

RT: 10.54 min Scan# 818

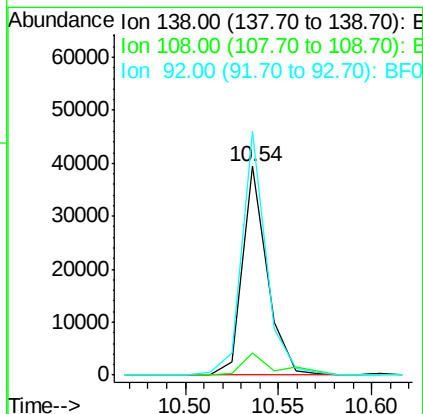
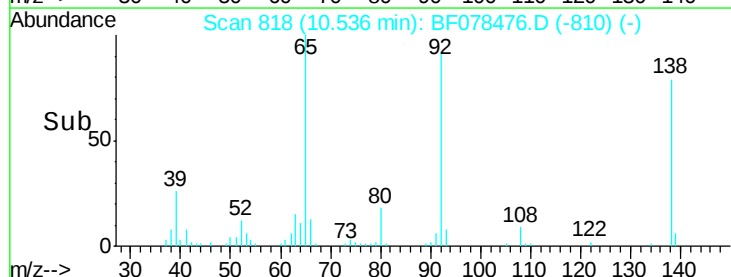
Delta R.T. -0.01 min

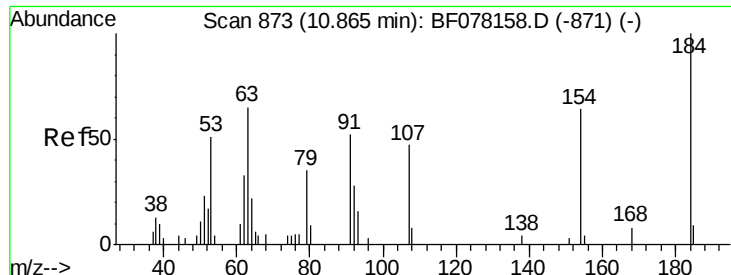
Lab File: BF078476.D

Acq: 13 Apr 2015 22:52



Tgt Ion:	138	Resp:	36519
Ion Ratio	Lower	Upper	
138	100		
108	10.8	8.2	12.4
92	116.5	88.4	132.6





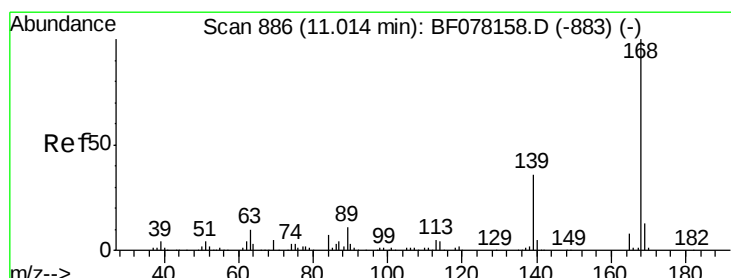
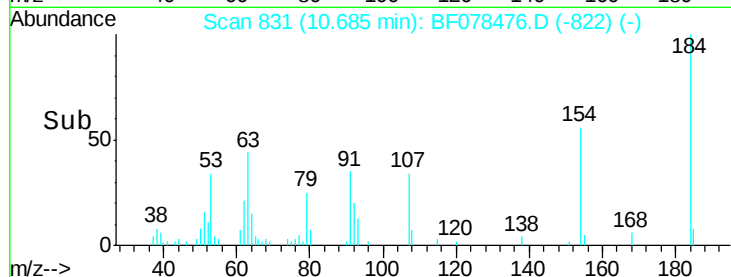
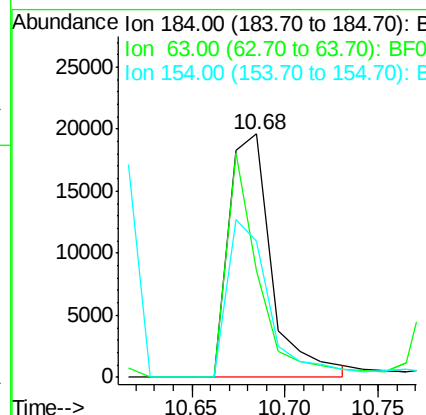
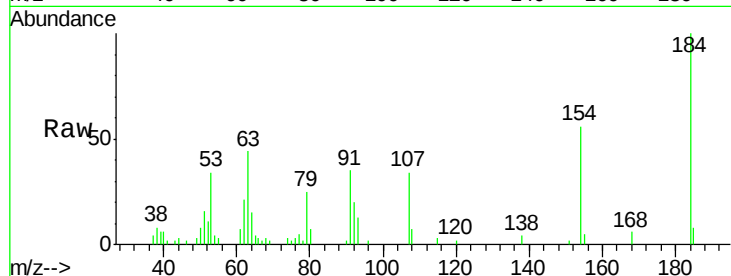
#53
2,4-Dinitrophenol
Concen: 76.38 ng
RT: 10.68 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	31523		
63	43.9	51.9	77.9#	
154	55.7	51.0	76.4	

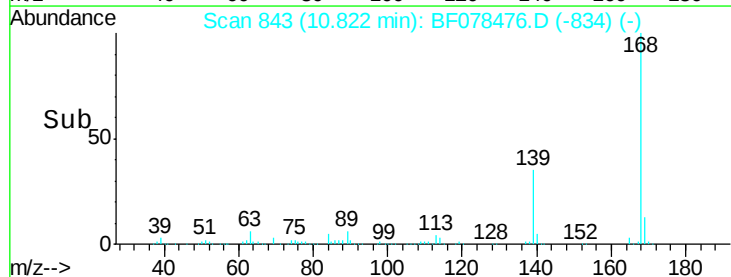
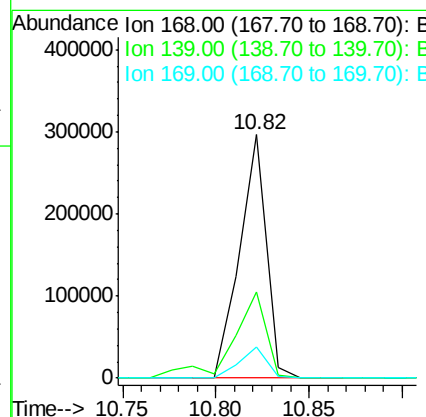
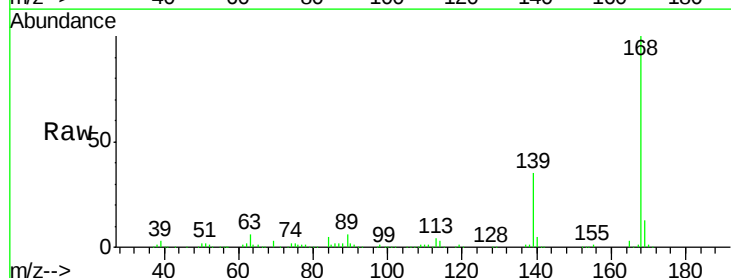
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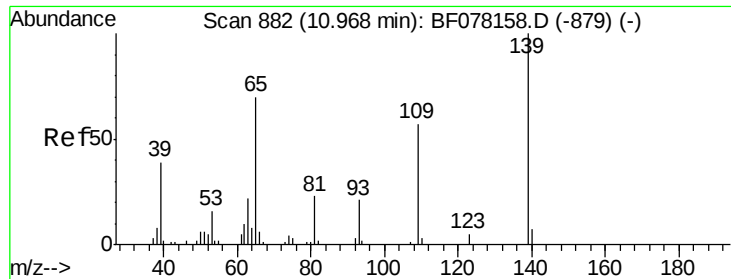
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#54
Dibenzofuran
Concen: 47.53 ng
RT: 10.82 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	298380		
139	35.5	31.0	46.4	
169	12.8	10.7	16.1	





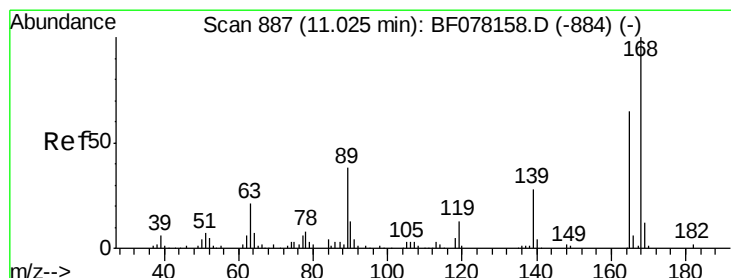
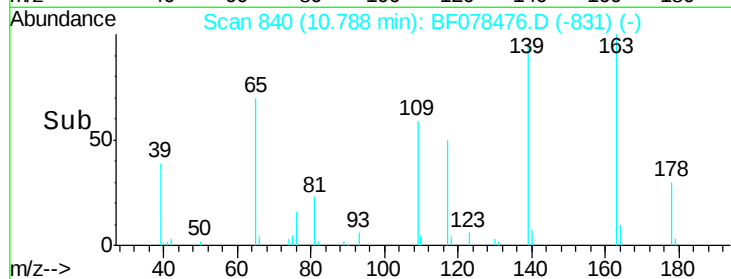
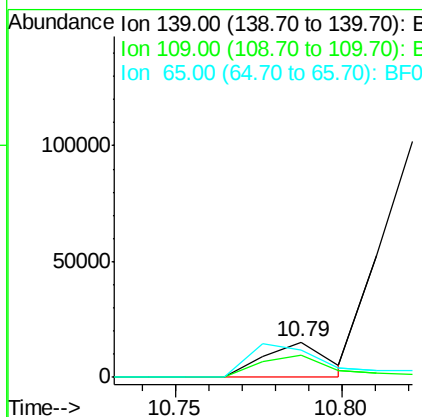
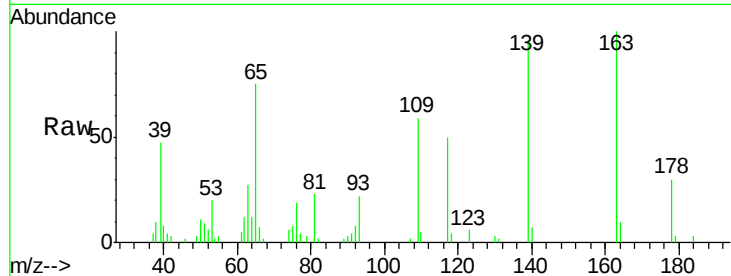
#55
4-Nitrophenol
Concen: 24.36 ng m
RT: 10.79 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	20334		
109	61.8	36.7	76.7	
65	78.8	49.9	89.9	

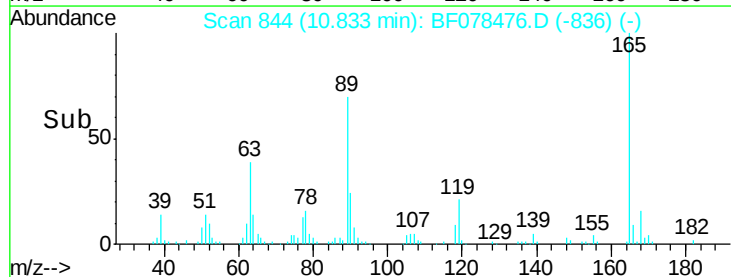
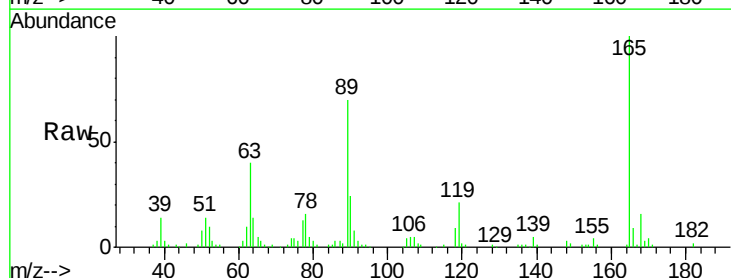
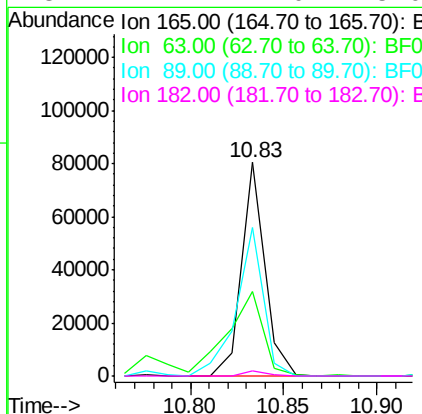
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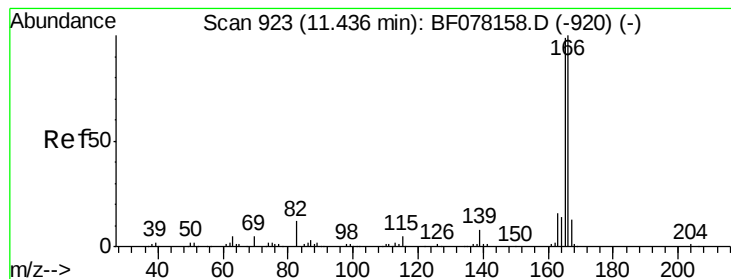
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#56
2,4-Dinitrotoluene
Concen: 49.77 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	69990		
63	39.7	26.5	39.7#	
89	69.5	46.4	69.6	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 48.15 ng

RT: 11.23 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF078476.D

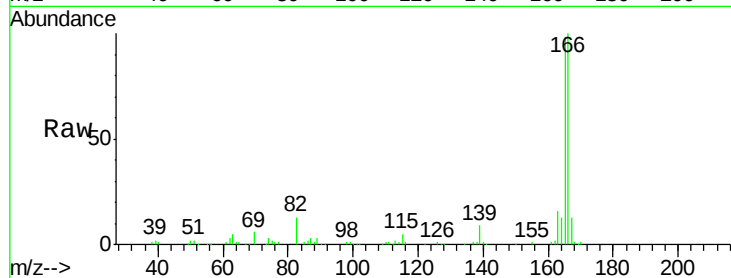
Acq: 13 Apr 2015 22:52

Instrument :

BNA_F

ClientSampleId :

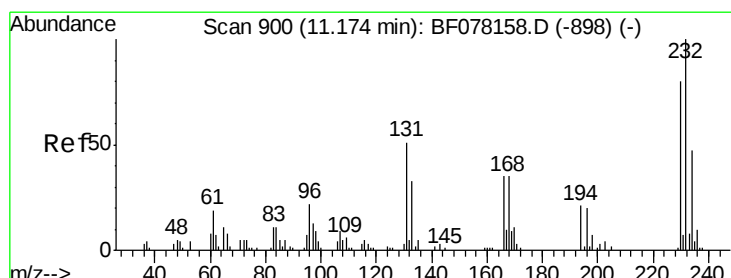
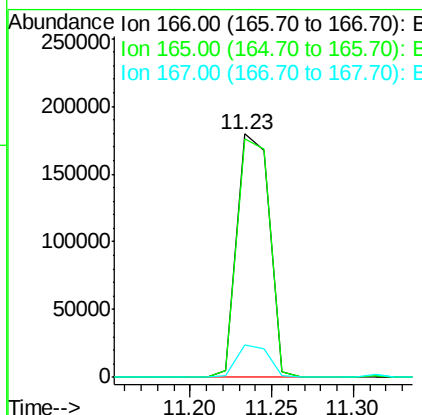
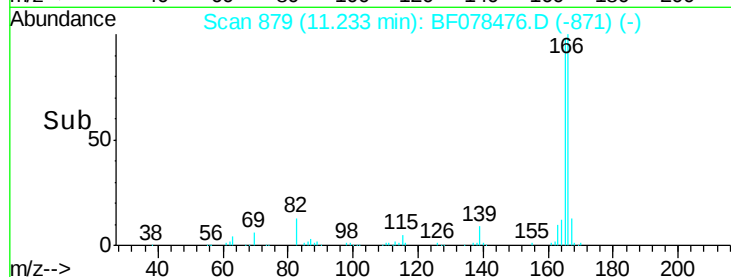
DEL-4S-2(7.0-7.5)MSD



Tgt Ion:	166	Resp:	244984
Ion Ratio	Lower	Upper	
166	100		
165	97.8	78.9	118.3
167	13.4	10.7	16.1

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#58

2,3,4,6-Tetrachlorophenol

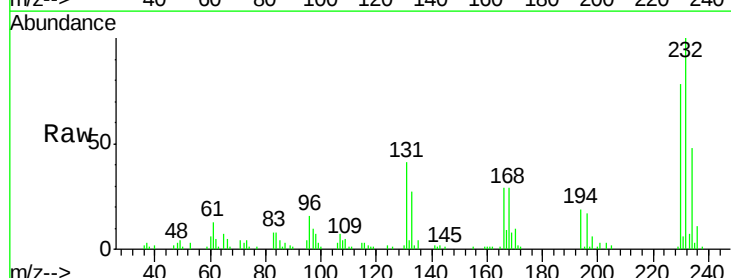
Concen: 47.58 ng

RT: 10.98 min Scan# 857

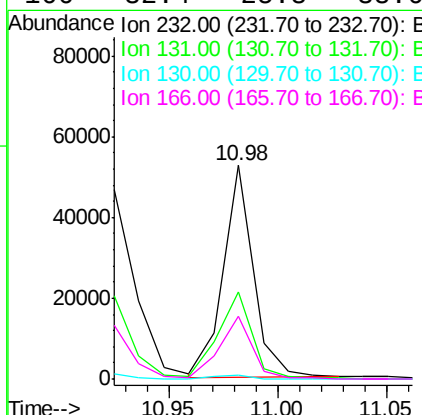
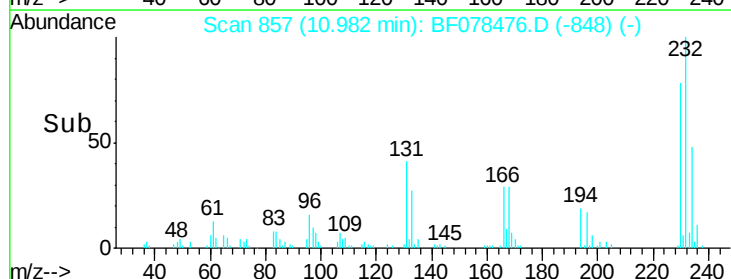
Delta R.T. -0.00 min

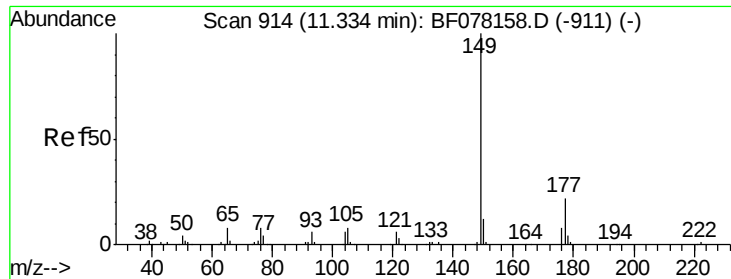
Lab File: BF078476.D

Acq: 13 Apr 2015 22:52



Tgt Ion:	232	Resp:	50586
Ion Ratio	Lower	Upper	
232	100		
131	45.0	37.8	56.8
130	2.2	1.5	2.3
166	32.4	25.8	38.6





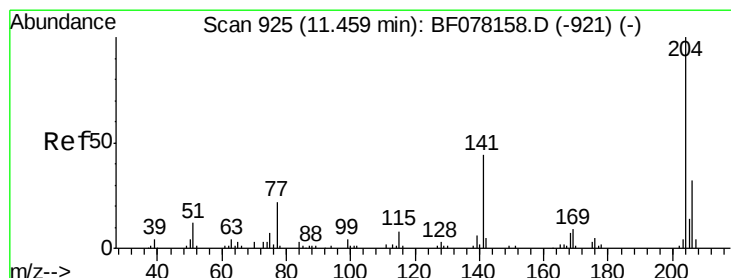
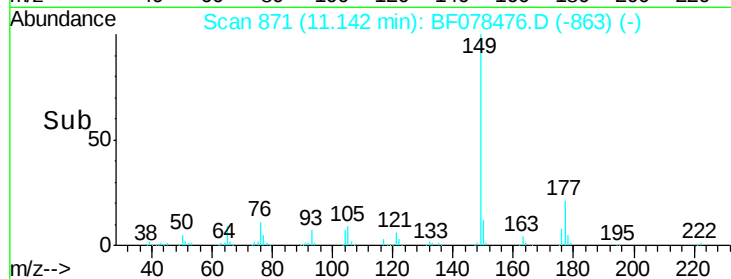
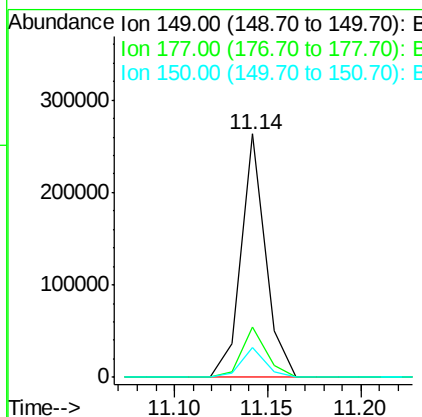
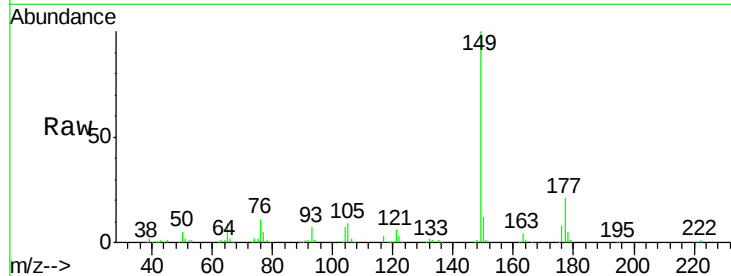
#59
Diethylphthalate
Concen: 47.36 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	241007		
177	20.7	17.4	26.2	
150	12.3	9.4	14.2	

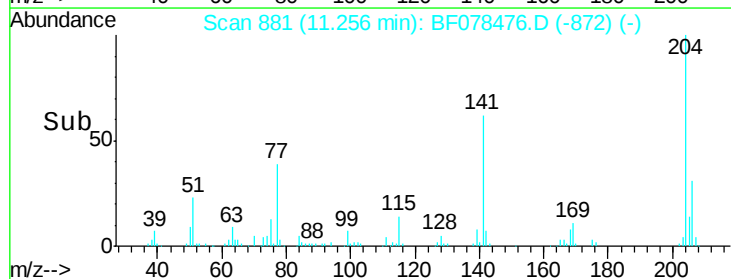
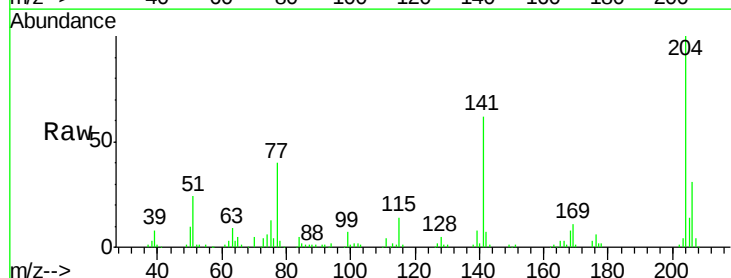
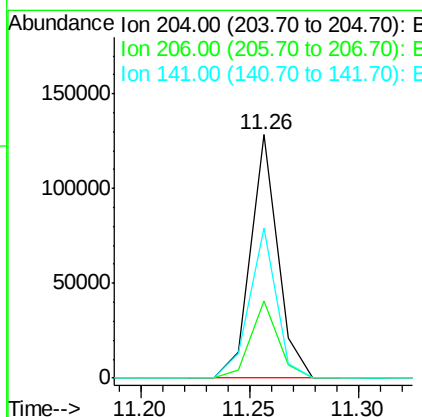
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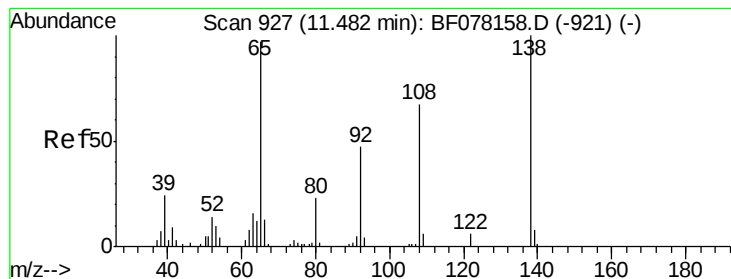
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#60
4-Chlorophenyl-phenylether
Concen: 47.90 ng
RT: 11.26 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	112124		
206	31.5	25.6	38.4	
141	61.9	35.4	53.0	





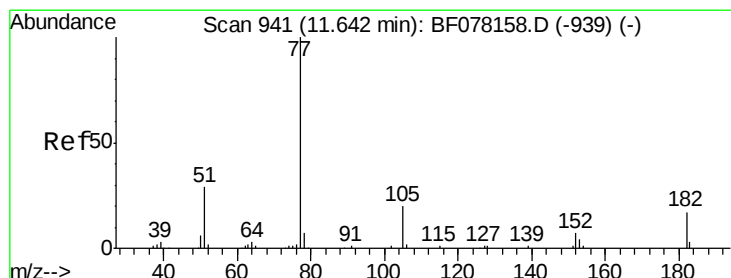
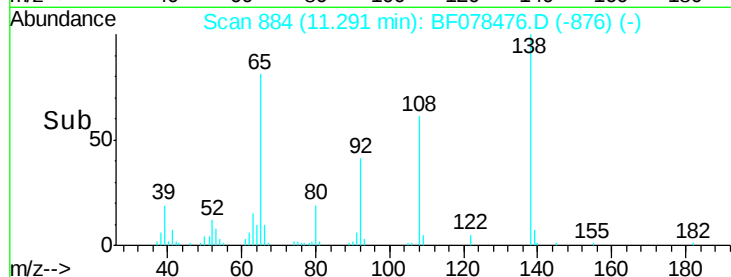
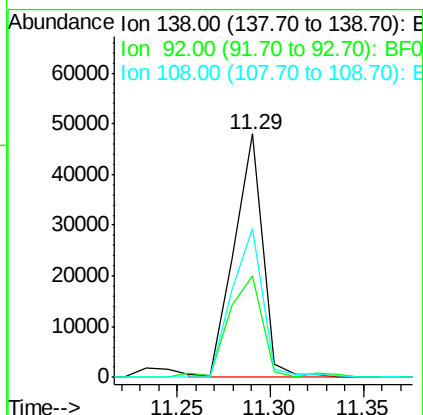
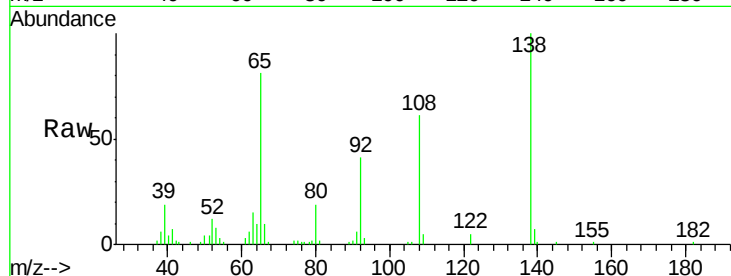
#61
4-Nitroaniline
Concen: 41.43 ng
RT: 11.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.5	27.3	67.3
108	60.9	47.2	87.2

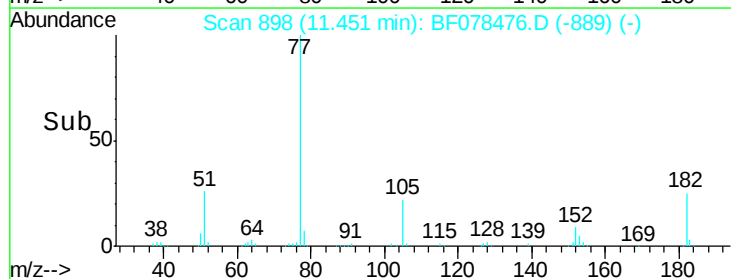
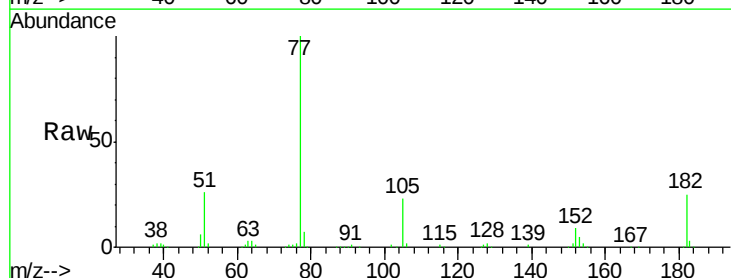
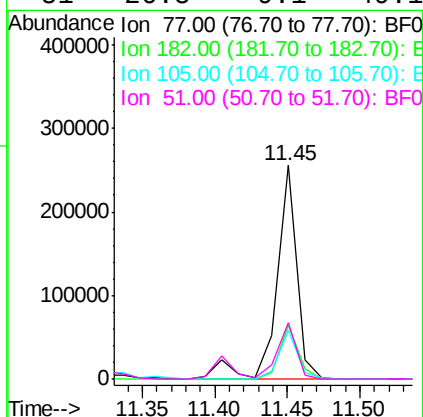
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#62
Azobenzene
Concen: 53.85 ng
RT: 11.45 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	0.0	36.8
105	23.0	0.3	40.3
51	26.5	9.1	49.1





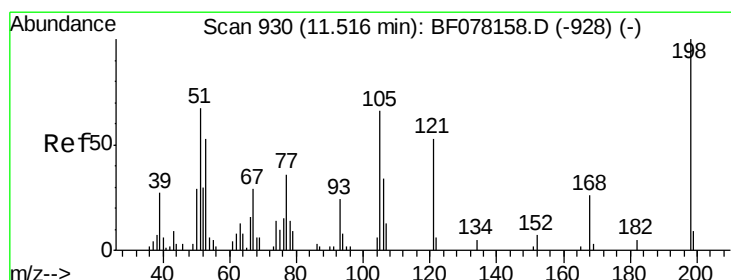
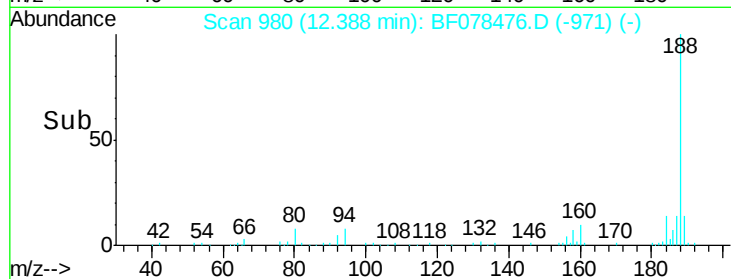
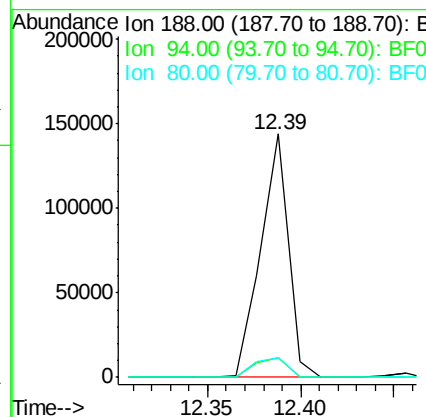
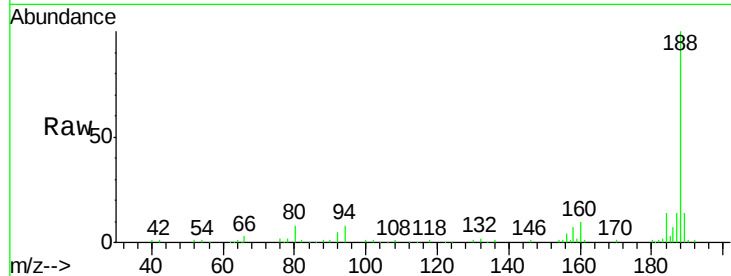
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.2	9.0	13.4#
80	7.8	9.5	14.3#

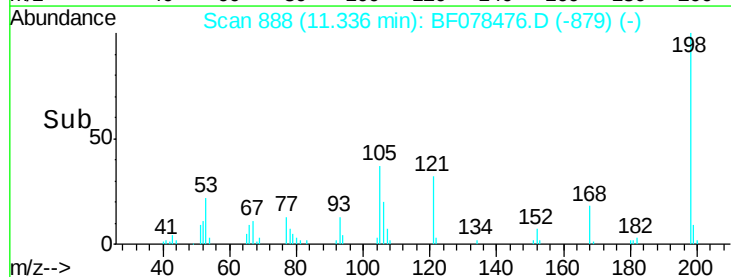
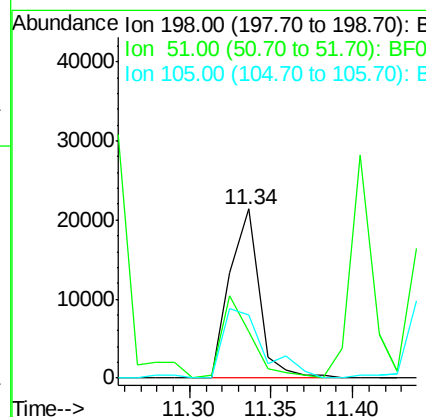
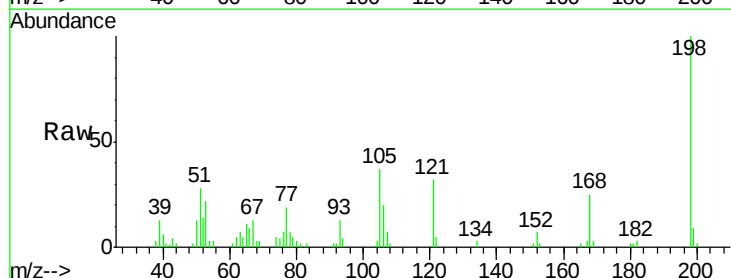
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.66 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	27.8	48.6	88.6#
105	37.4	45.8	85.8#





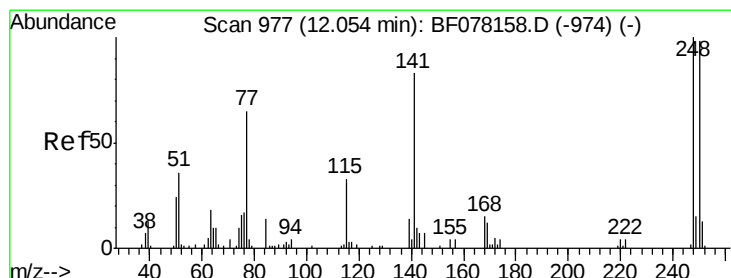
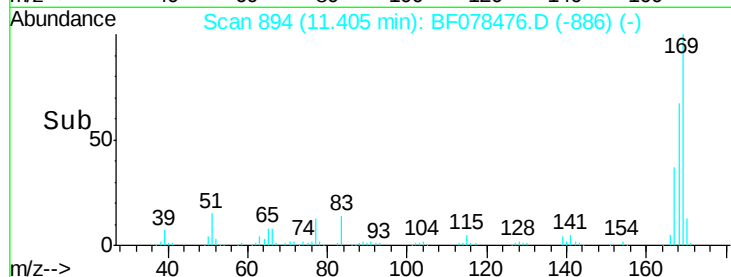
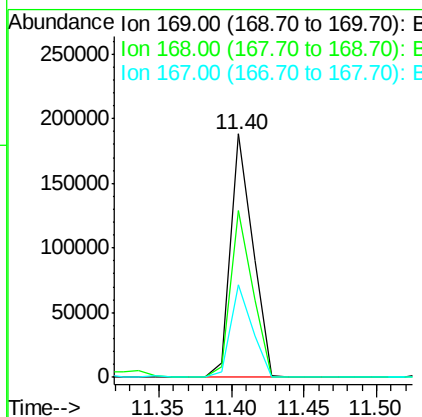
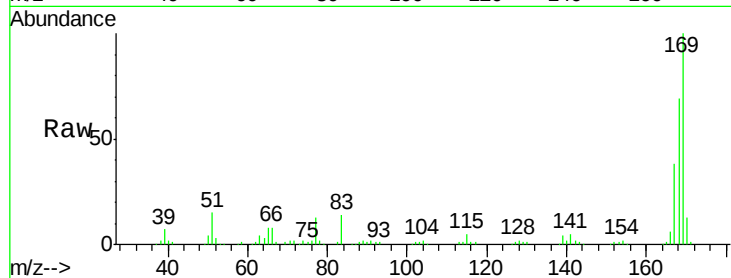
#65
 n-Nitrosodiphenylamine
 Concen: 39.40 ng
 RT: 11.40 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	201058		
168	68.7	55.0	82.4	
167	37.8	29.3	43.9	

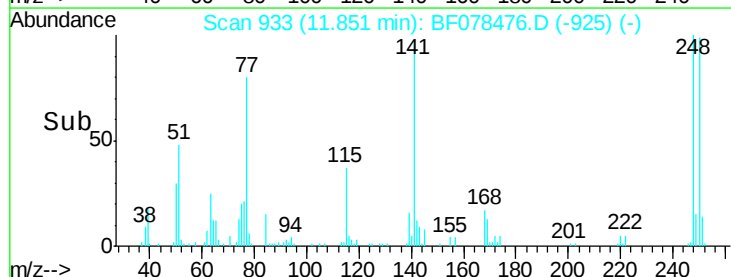
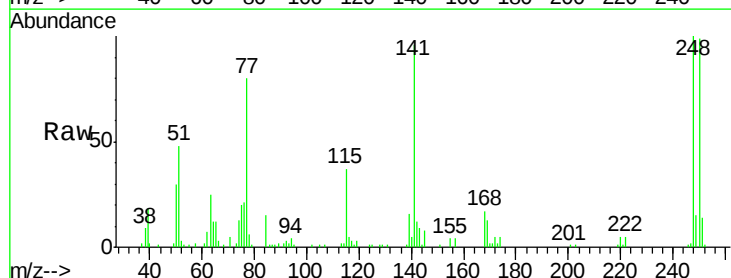
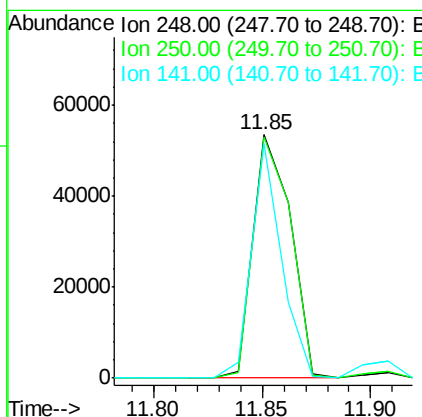
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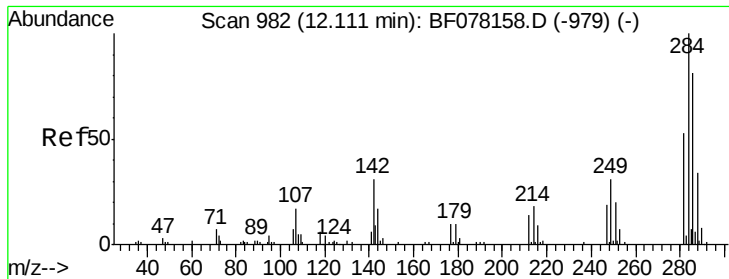
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#66
 4-Bromophenyl-phenylether
 Concen: 41.52 ng
 RT: 11.85 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	64872		
250	98.8	78.2	117.2	
141	96.3	66.4	99.6	





#67

Hexachlorobenzene

Concen: 40.19 ng

RT: 11.91 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF078476.D

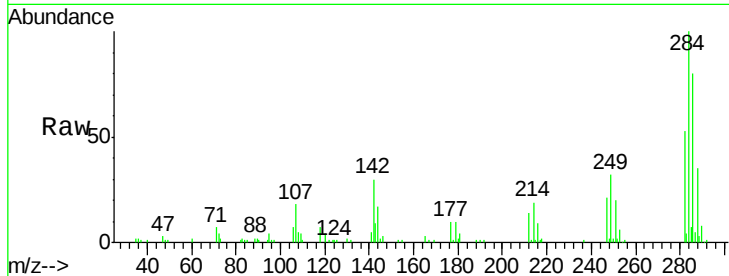
Acq: 13 Apr 2015 22:52

Instrument :

BNA_F

ClientSampleId :

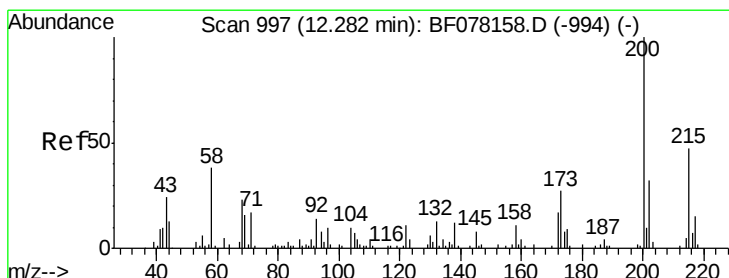
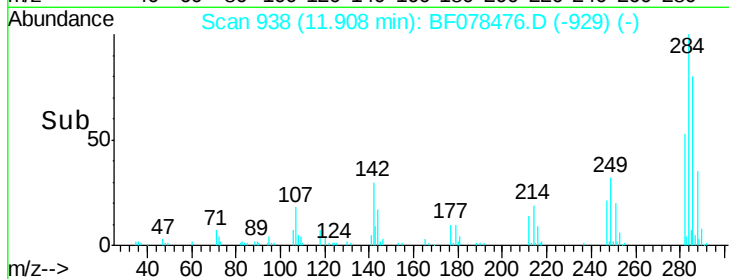
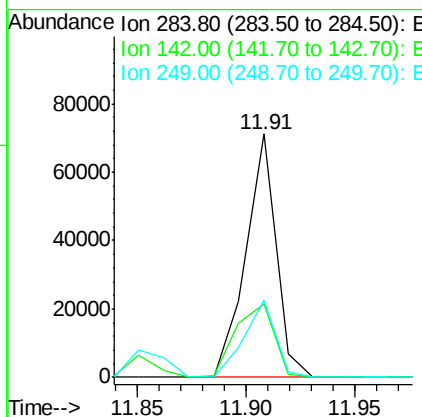
DEL-4S-2(7.0-7.5)MSD



Tgt Ion:	284	Resp:	68806
Ion Ratio	Lower	Upper	
284	100		
142	30.1	24.5	36.7
249	31.7	24.8	37.2

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#68

Atrazine

Concen: 48.76 ng

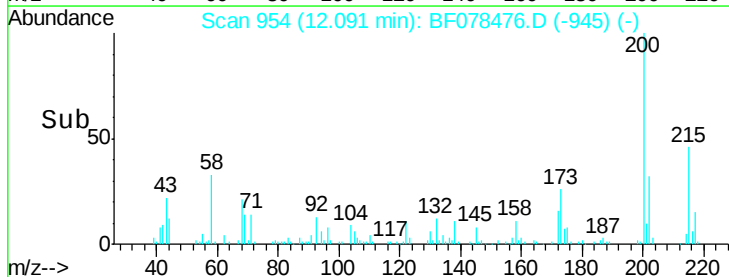
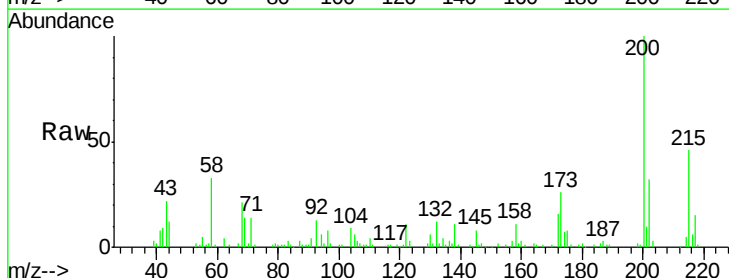
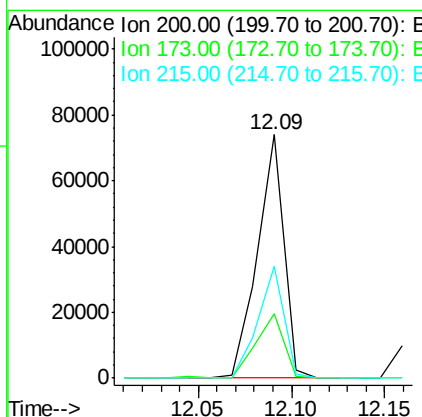
RT: 12.09 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF078476.D

Acq: 13 Apr 2015 22:52

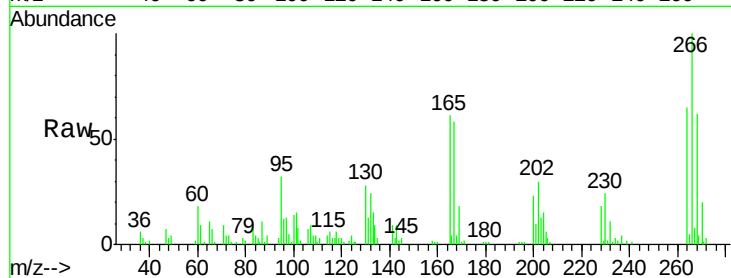
Tgt Ion:	200	Resp:	72069
Ion Ratio	Lower	Upper	
200	100		
173	26.3	6.9	46.9
215	45.9	27.1	67.1





#69
 Pentachlorophenol
 Concen: 79.21 ng
 RT: 12.16 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

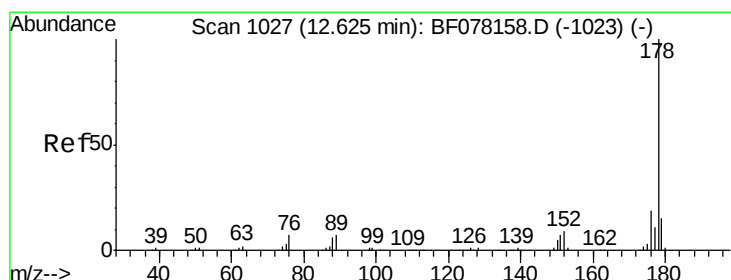
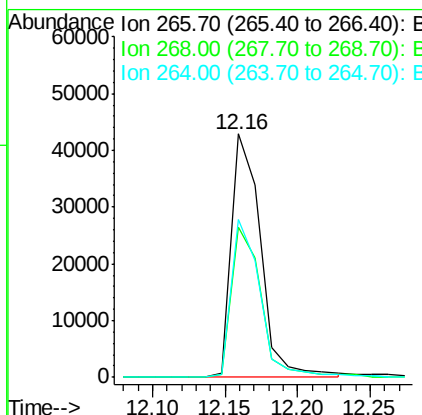
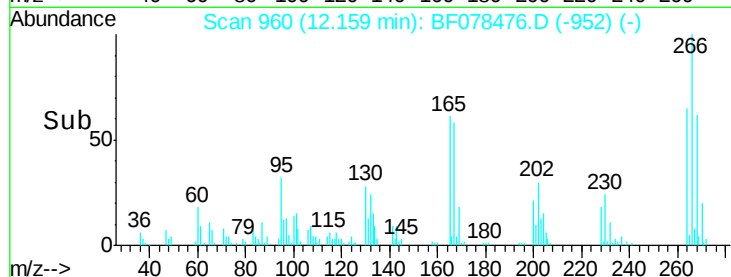
Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
266	100	60073		
268	61.8		50.1	75.1
264	64.6		50.0	75.0

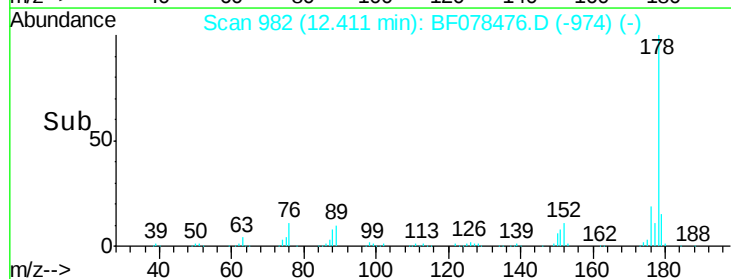
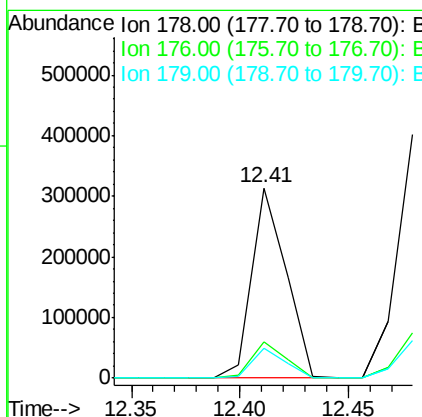
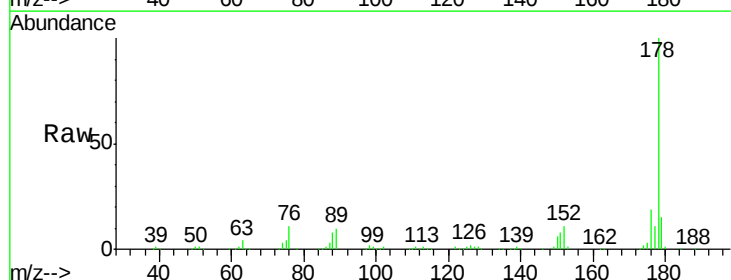
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#70
 Phenanthrene
 Concen: 40.47 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	345347		
176	19.4		15.4	23.0
179	15.4		12.2	18.2





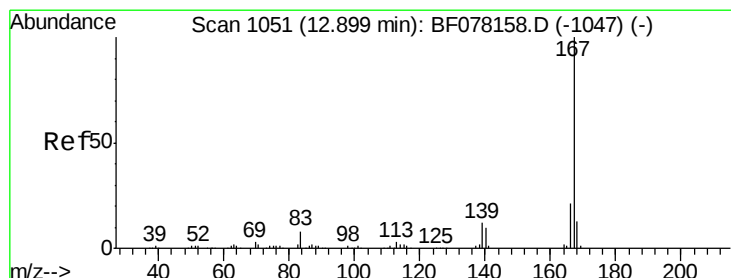
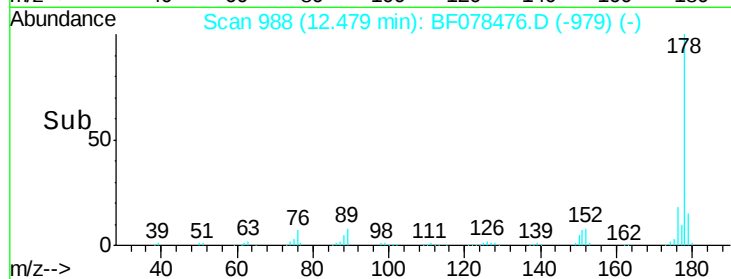
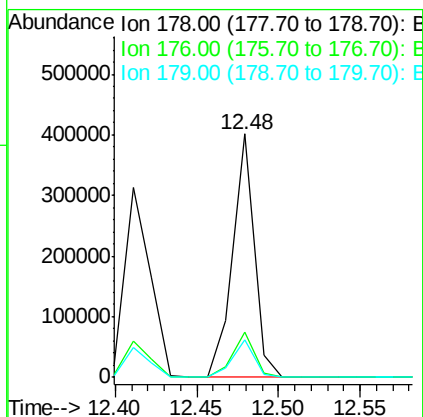
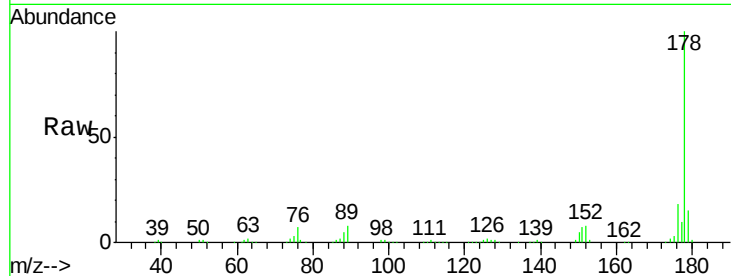
#71
 Anthracene
 Concen: 43.40 ng
 RT: 12.48 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.3	12.4	18.6

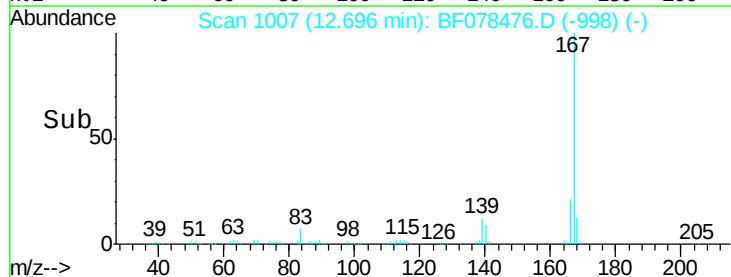
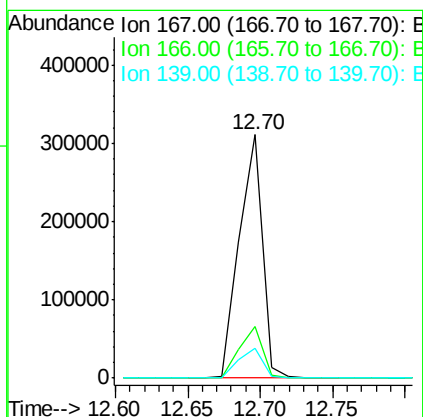
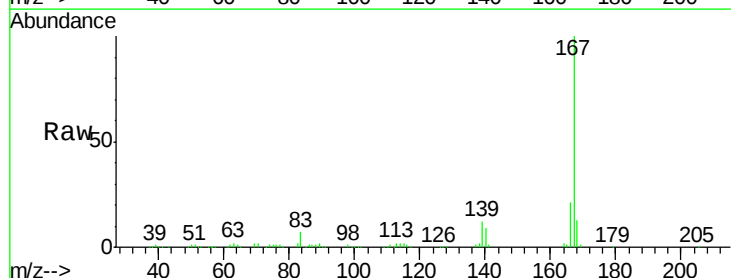
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#72
 Carbazole
 Concen: 43.99 ng
 RT: 12.70 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.8	25.2
139	12.3	10.0	15.0





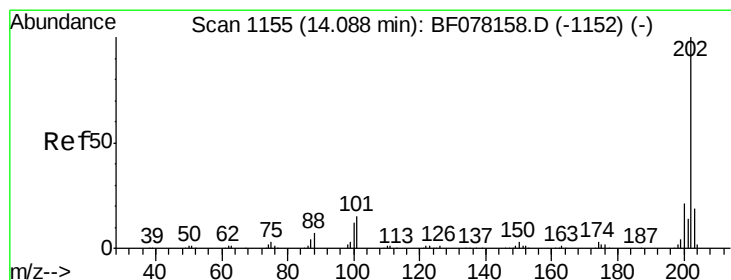
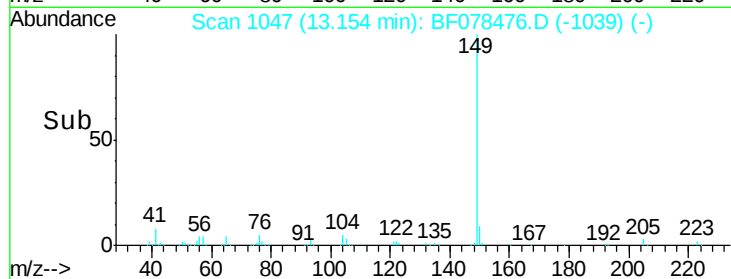
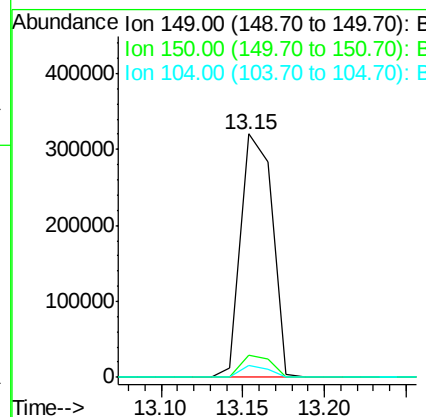
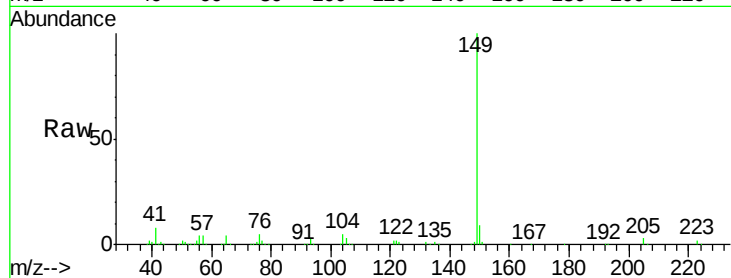
#73
Di-n-butylphthalate
Concen: 47.74 ng
RT: 13.15 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	426176		
150	9.2	7.1	10.7	
104	4.9	3.8	5.6	

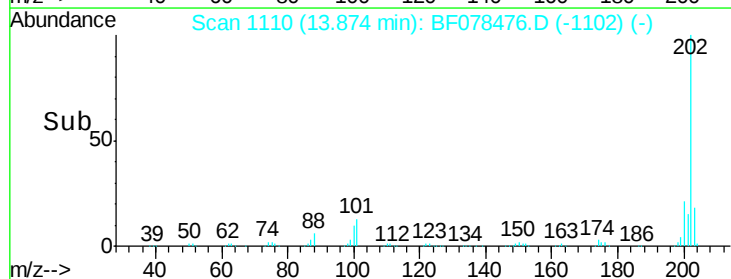
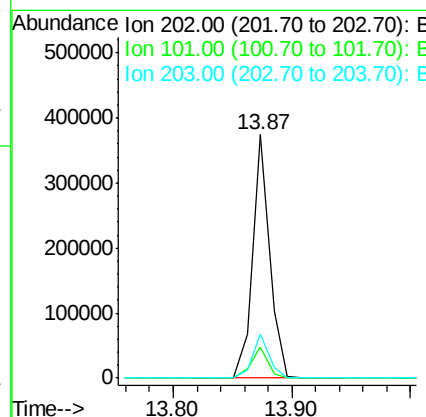
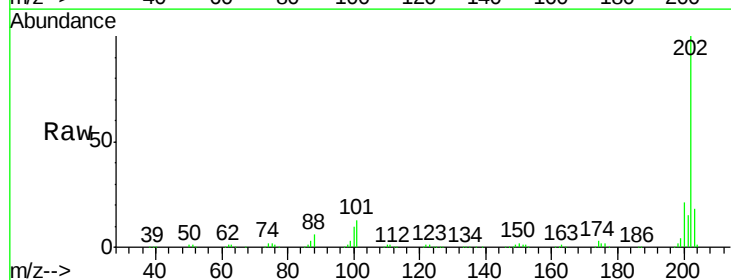
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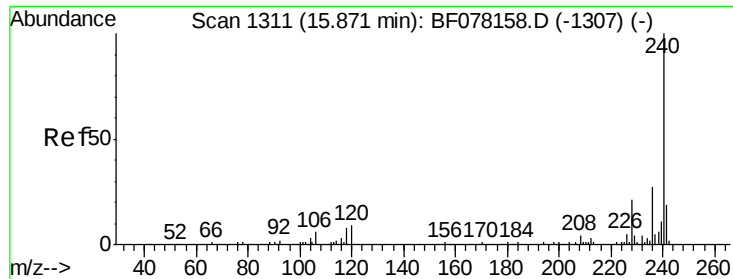
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#74
Fluoranthene
Concen: 41.94 ng
RT: 13.87 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	377430		
101	12.7	0.0	35.2	
203	17.9	0.0	38.5	





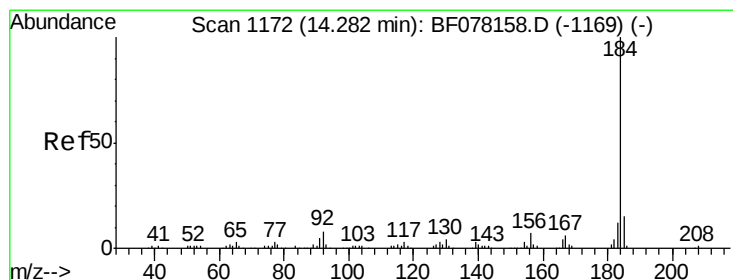
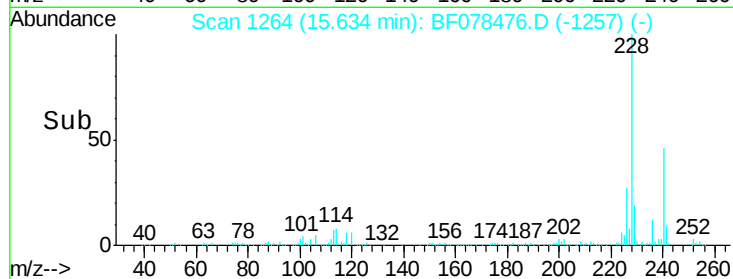
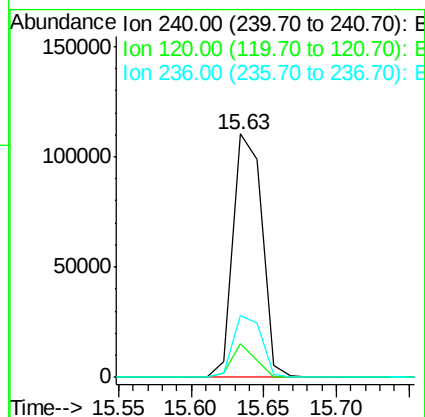
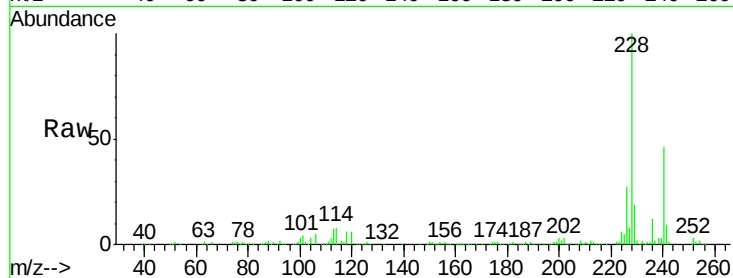
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.0	7.1	10.7#	
236	25.2	21.4	32.2	

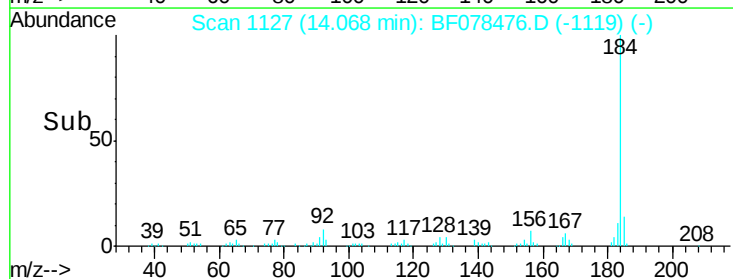
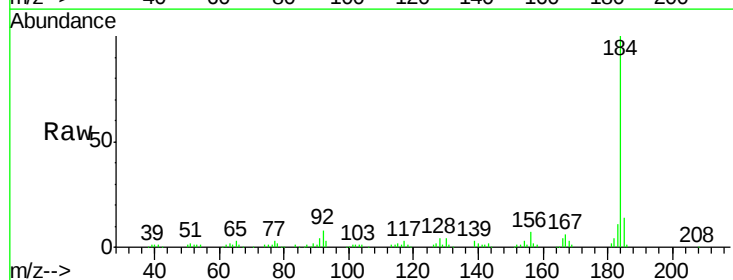
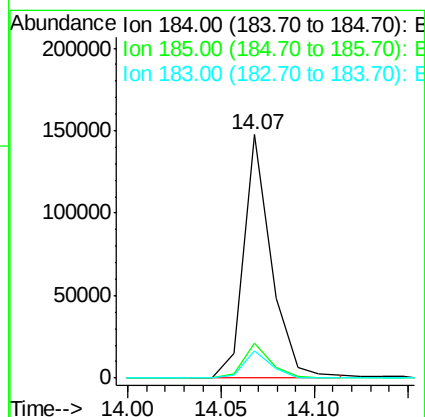
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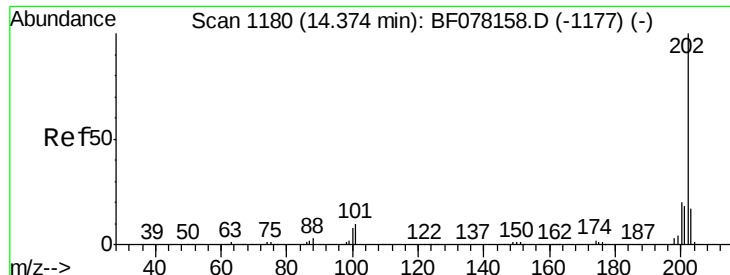
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#76
Benzidine
Concen: 25.77 ng
RT: 14.07 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.2	12.2	18.2	
183	11.1	9.5	14.3	





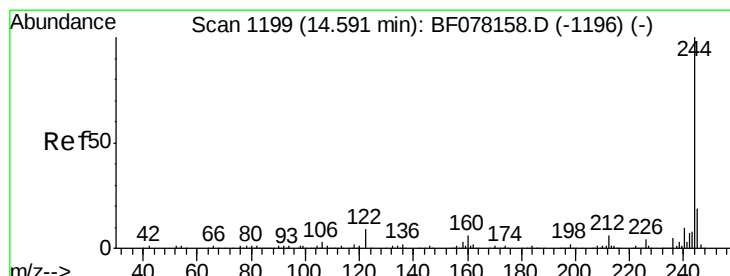
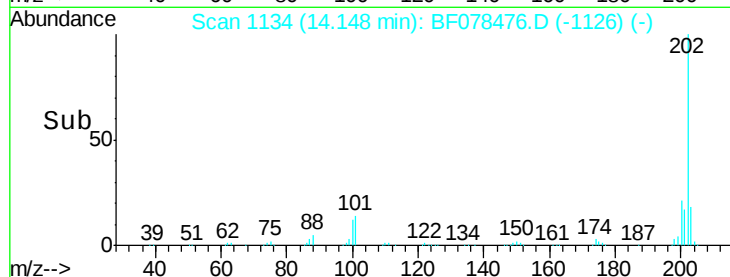
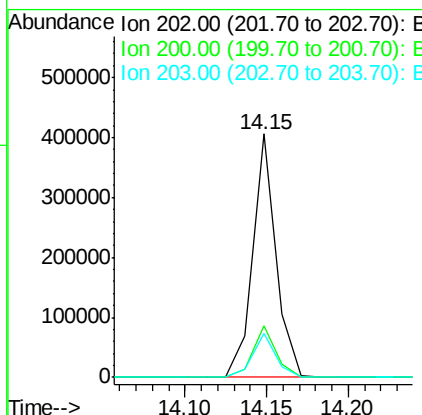
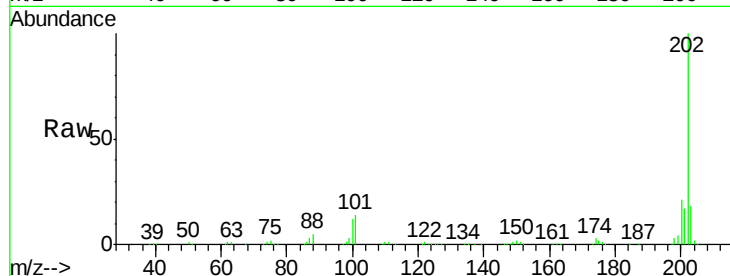
#77
 Pyrene
 Concen: 41.73 ng
 RT: 14.15 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.1	16.3	24.5
203	18.1	13.8	20.6

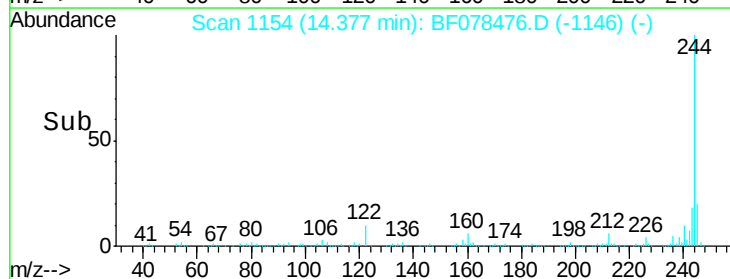
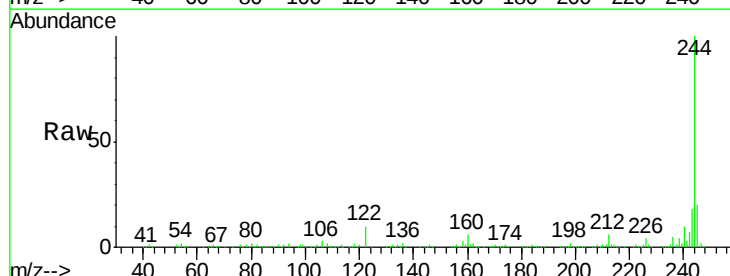
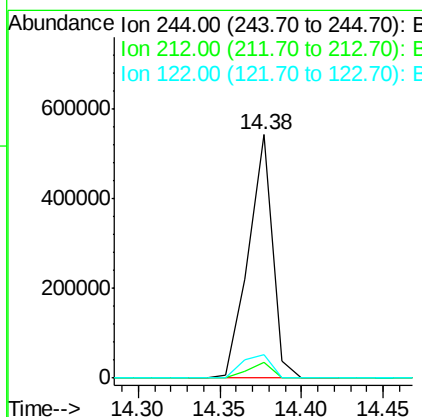
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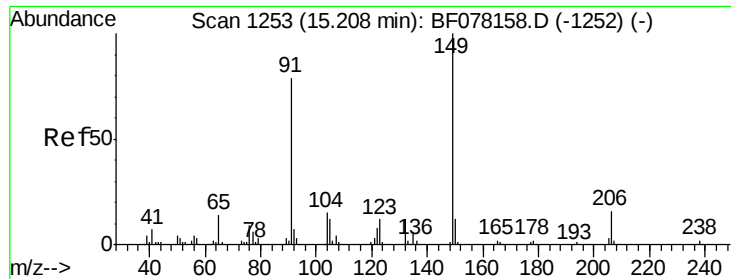
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#78
 Terphenyl-d14
 Concen: 82.24 ng
 RT: 14.38 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.5	5.0	7.4
122	9.8	7.1	10.7





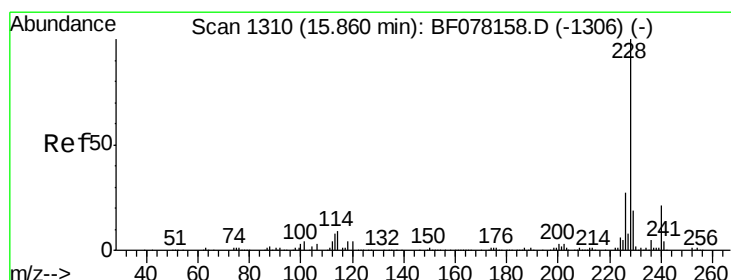
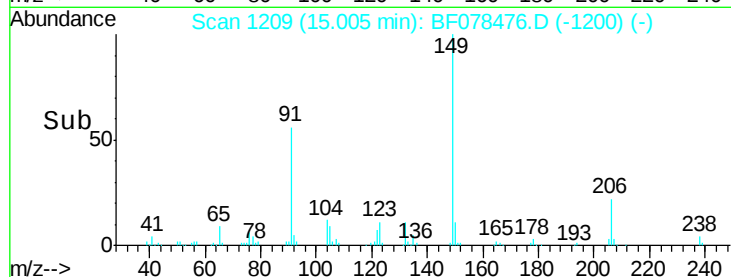
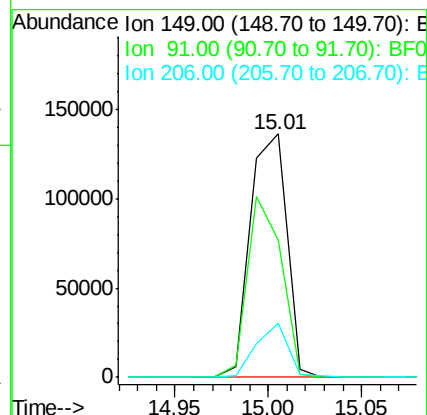
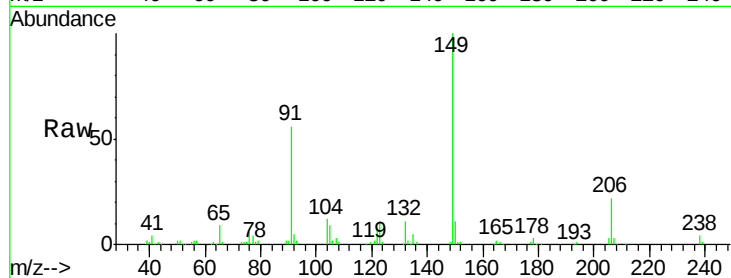
#79
Butylbenzylphthalate
Concen: 50.54 ng
RT: 15.01 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	56.5	64.2	96.2#
206	22.3	12.6	18.8#

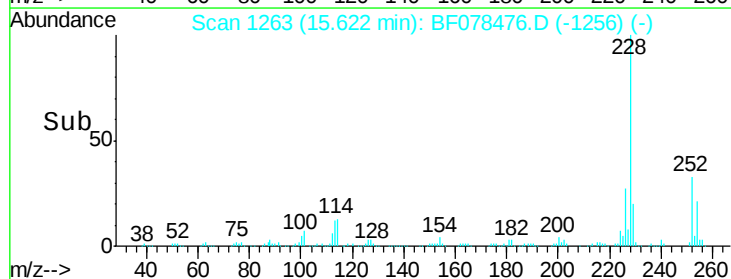
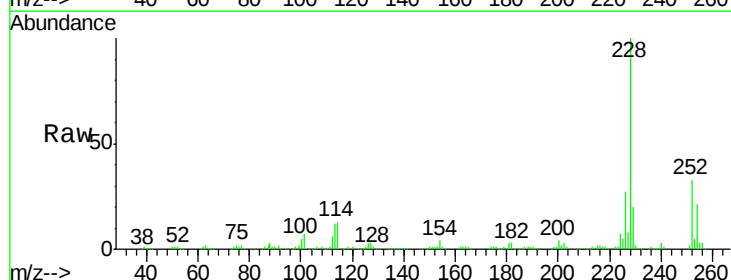
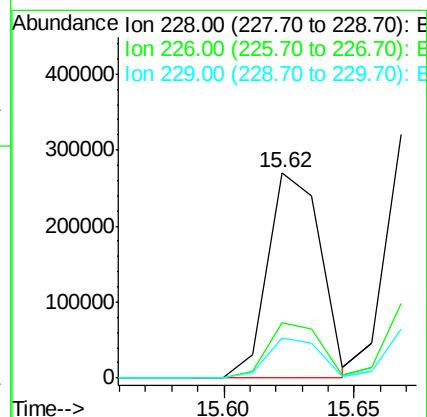
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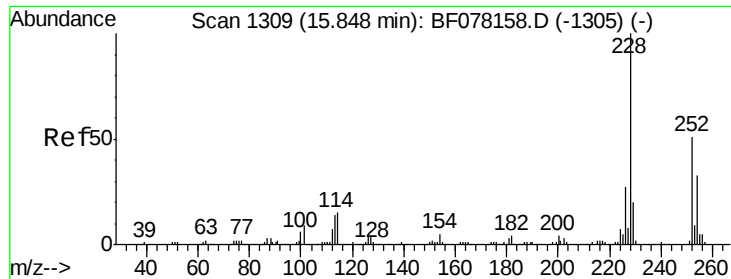
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#80
Benzo(a)anthracene
Concen: 41.77 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.1	21.3	31.9
229	19.8	15.4	23.2





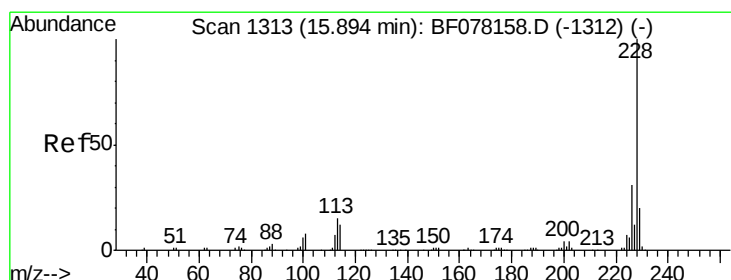
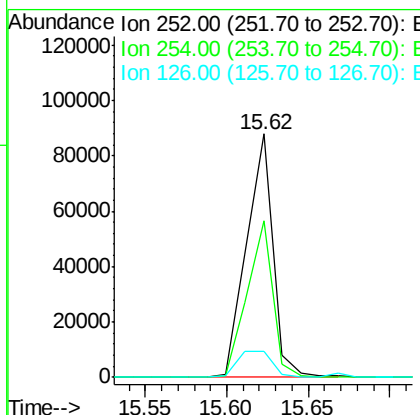
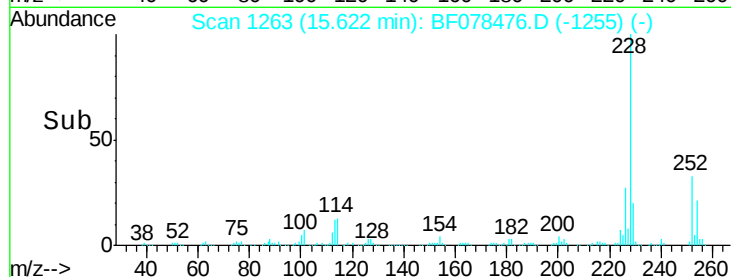
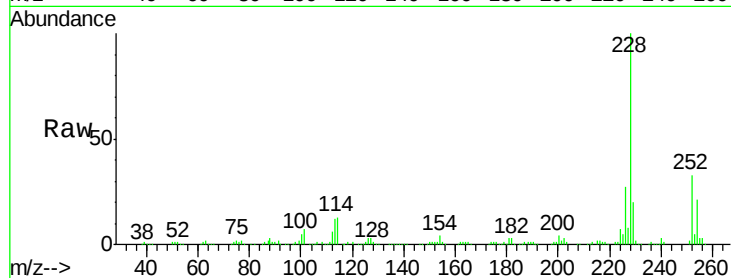
#81
 3,3'-Dichlorobenzidine
 Concen: 32.37 ng
 RT: 15.62 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	98734		
254	64.4	51.2	76.8	
126	10.5	6.3	9.5	

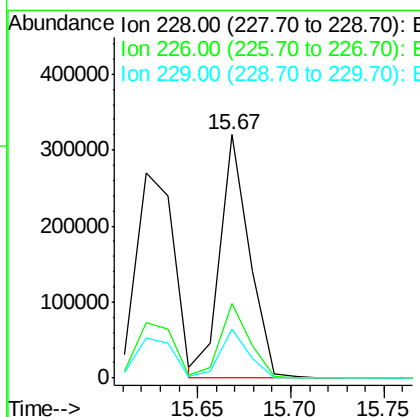
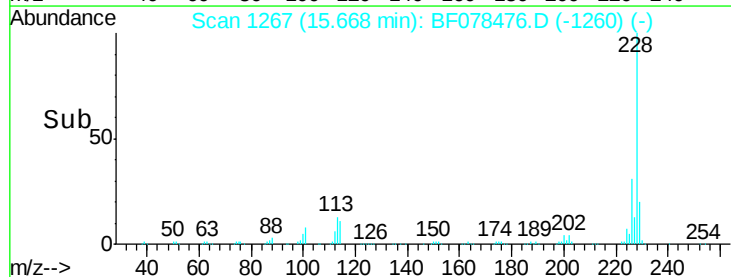
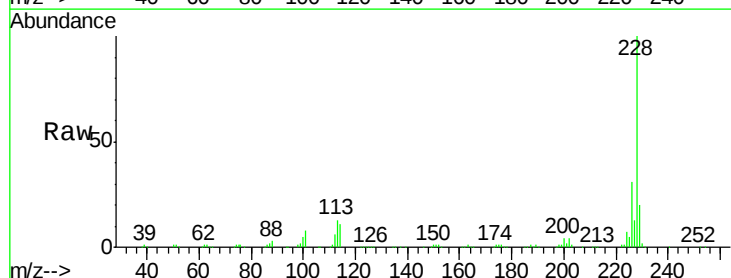
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#82
 Chrysene
 Concen: 41.00 ng
 RT: 15.67 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	350818		
226	30.5	24.2	36.4	
229	20.4	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.29 ng

RT: 15.71 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF078476.D

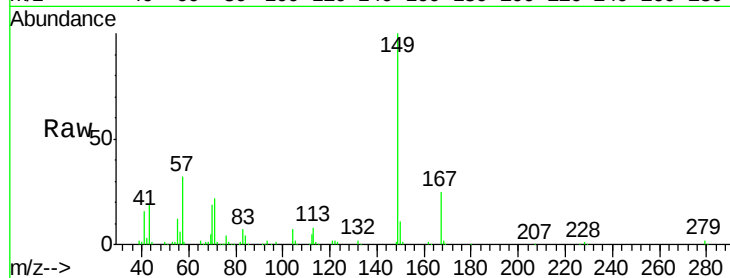
Acq: 13 Apr 2015 22:52

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)MSD



Tgt Ion:149 Resp: 288827

Ion Ratio Lower Upper

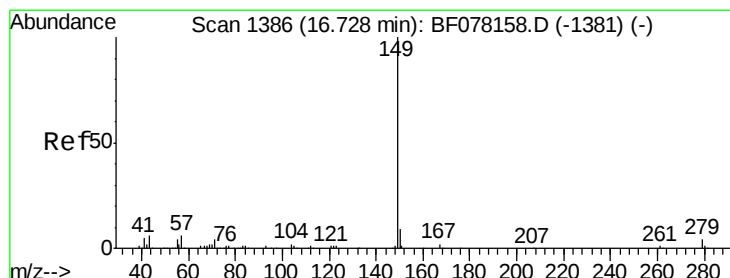
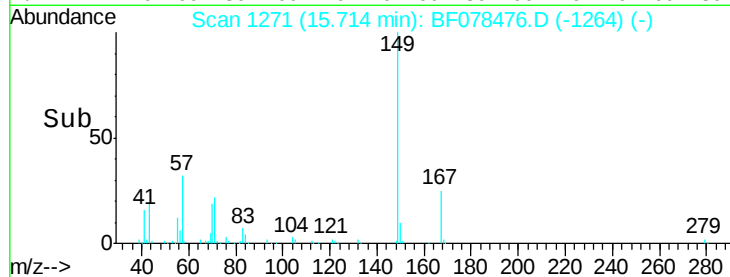
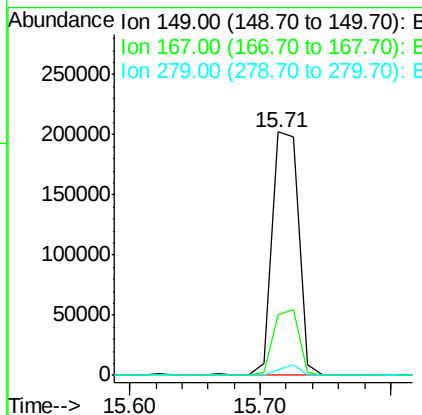
149 100

167 25.0 22.2 33.2

279 2.1 3.2 4.8#

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#84

Di-n-octyl phthalate

Concen: 53.99 ng

RT: 16.49 min Scan# 1339

Delta R.T. -0.05 min

Lab File: BF078476.D

Acq: 13 Apr 2015 22:52

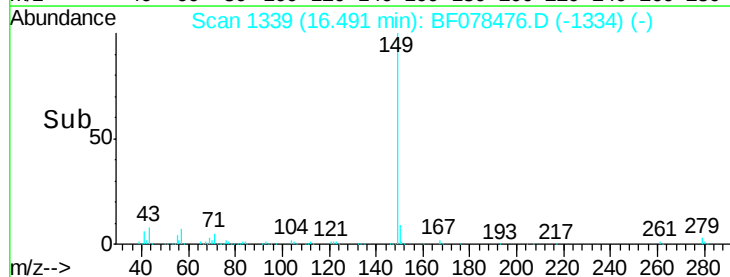
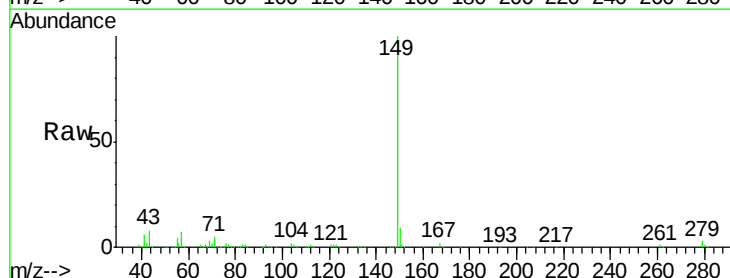
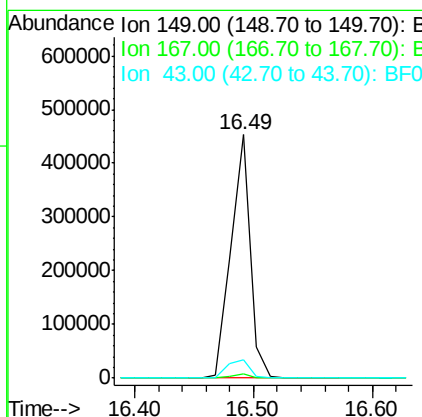
Tgt Ion:149 Resp: 509147

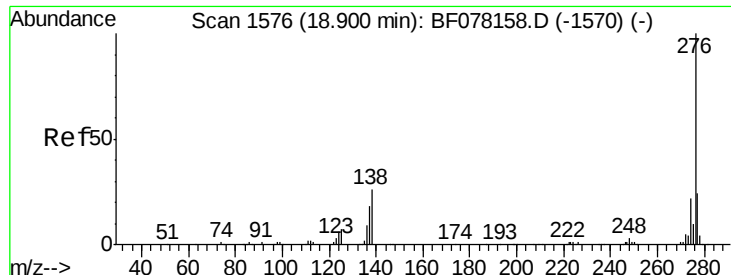
Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

43 9.1 0.0 0.0#





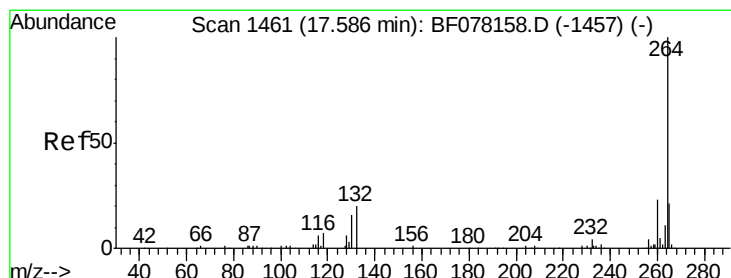
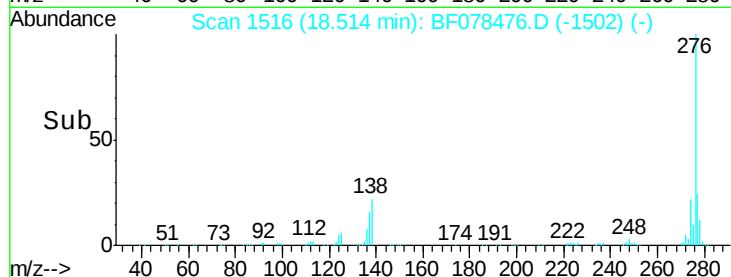
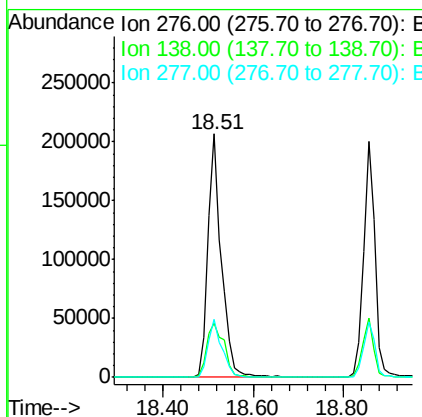
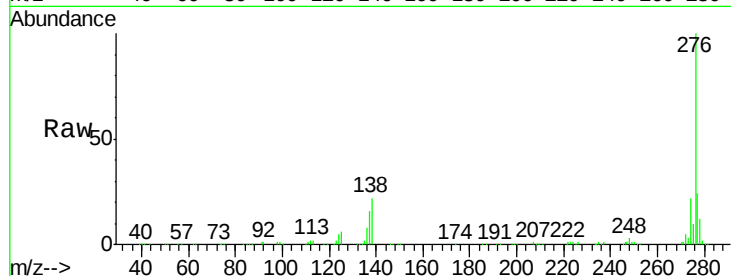
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.52 ng
 RT: 18.51 min Scan# 1516
 Delta R.T. -0.14 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.5	16.9	25.3#
277	25.0	15.8	23.6#

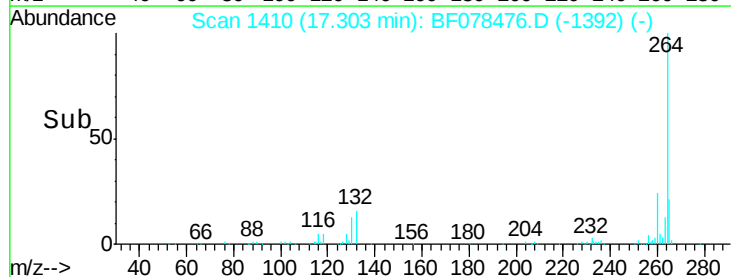
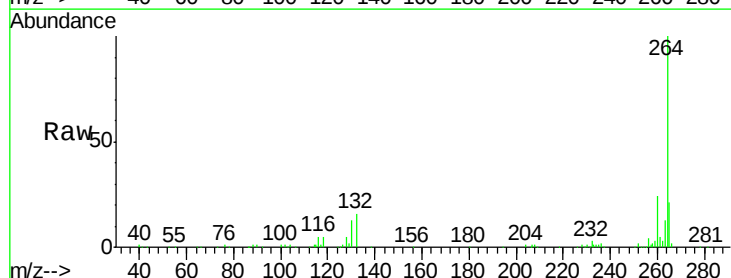
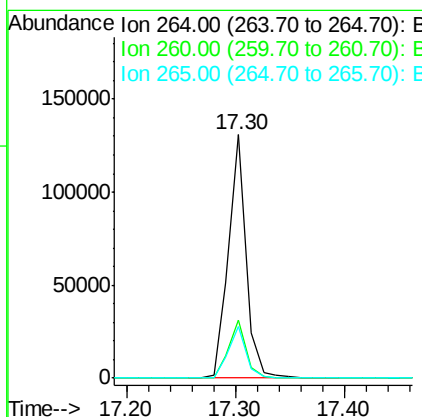
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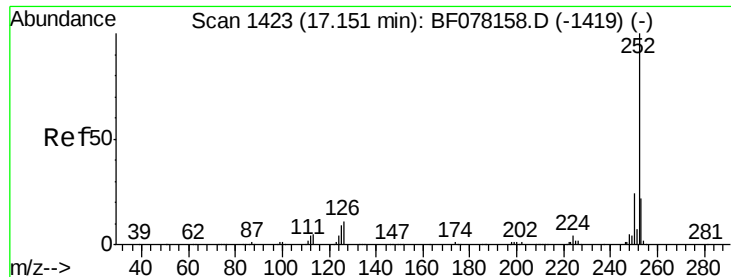
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.30 min Scan# 1410
 Delta R.T. -0.09 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.0	17.0	25.6





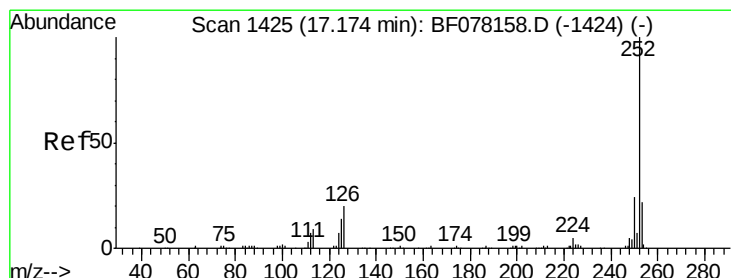
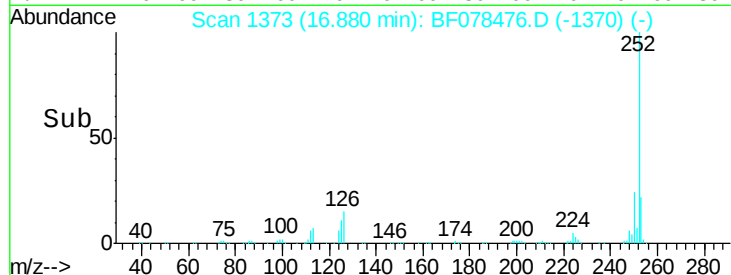
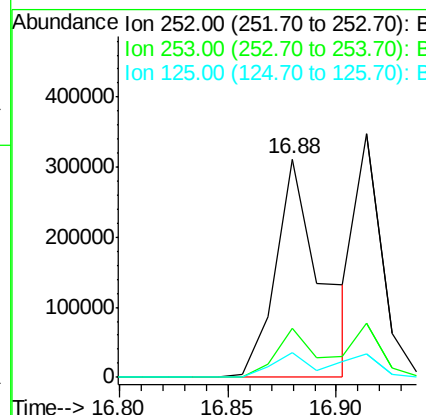
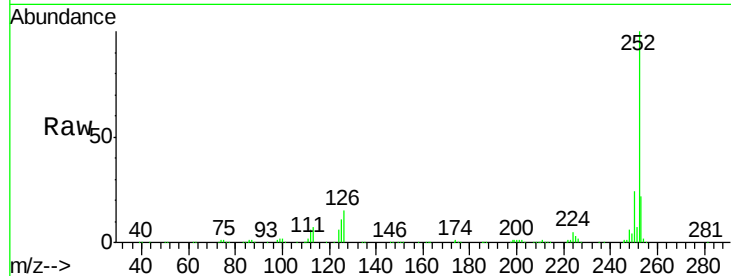
#87
Benzo(b)fluoranthene
Concen: 50.51 ng
RT: 16.88 min Scan# 1373
Delta R.T. -0.07 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.3	7.0	10.4

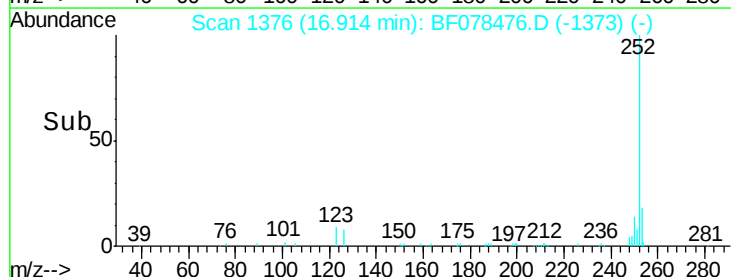
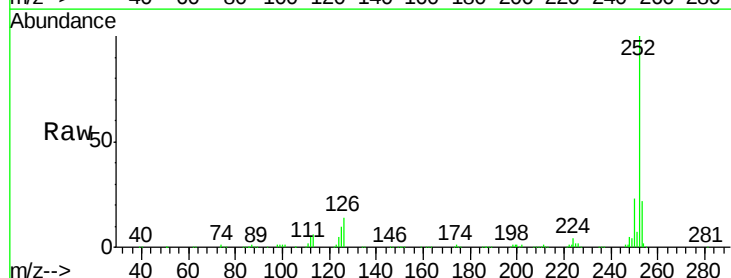
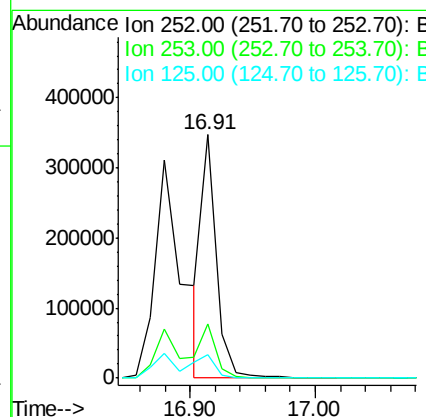
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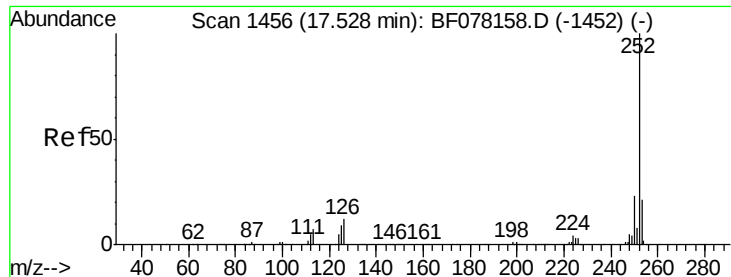
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#88
Benzo(k)fluoranthene
Concen: 36.45 ng m
RT: 16.91 min Scan# 1376
Delta R.T. -0.07 min
Lab File: BF078476.D
Acq: 13 Apr 2015 22:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.8	11.6	17.4





#89

Benzo(a)pyrene

Concen: 45.65 ng

RT: 17.25 min Scan# 1405

Delta R.T. -0.08 min

Lab File: BF078476.D

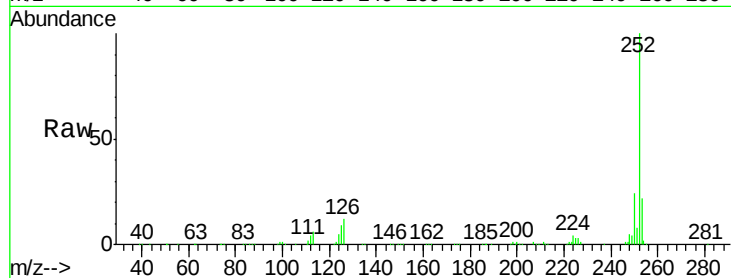
Acq: 13 Apr 2015 22:52

Instrument :

BNA_F

ClientSampleId :

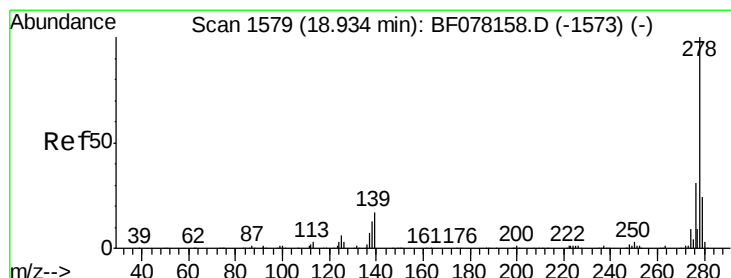
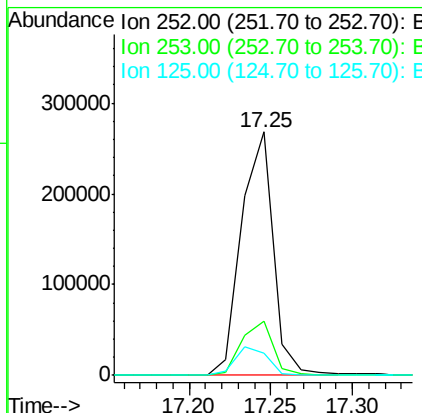
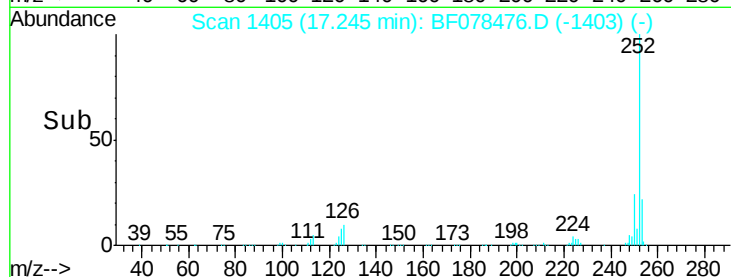
DEL-4S-2(7.0-7.5)MSD



Tgt Ion:	252	Resp:	361981
Ion Ratio	Lower	Upper	
252	100		
253	22.0	16.8	25.2
125	9.0	7.4	11.0

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#90

Dibenzo(a,h)anthracene

Concen: 42.77 ng

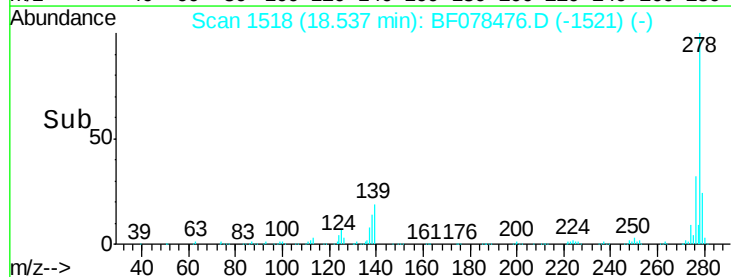
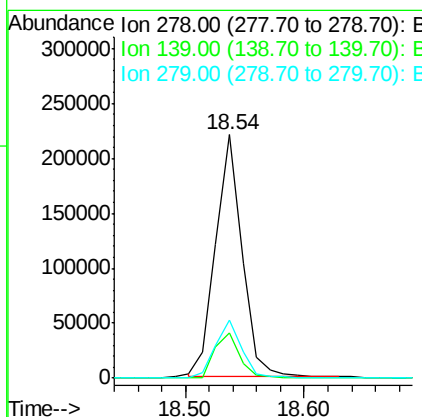
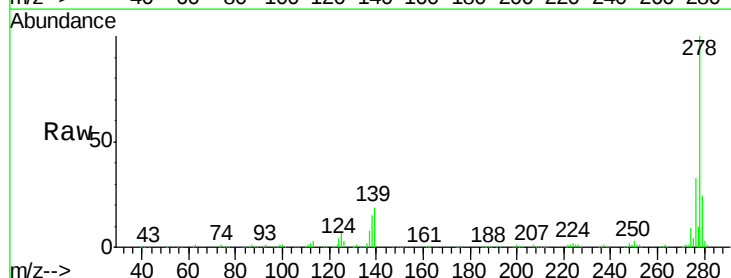
RT: 18.54 min Scan# 1518

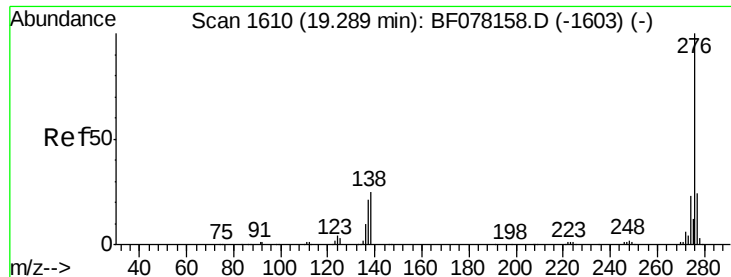
Delta R.T. -0.14 min

Lab File: BF078476.D

Acq: 13 Apr 2015 22:52

Tgt Ion:	278	Resp:	339543
Ion Ratio	Lower	Upper	
278	100		
139	18.7	13.6	20.4
279	24.1	19.0	28.6





#91
 Benzo(g,h,i)perylene
 Concen: 43.19 ng
 RT: 18.86 min Scan# 1546
 Delta R.T. -0.14 min
 Lab File: BF078476.D
 Acq: 13 Apr 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MSD

Tgt Ion:	276	Resp:	343770
Ion Ratio		Lower	Upper
276	100		
277	23.4	19.0	28.4
138	24.9	19.9	29.9

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