

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078409.D
 Acq On : 10 Apr 2015 19:54
 Operator : TP/IZ
 Sample : G1791-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Manual Integrations
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 4/13/2015 4:16:30 PM

Quant Time: Apr 13 10:57:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 00:31:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	29678	20.00	ng	-0.01
21) Naphthalene-d8	8.44	136	125087	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	67859	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	139920	20.00	ng	0.00
75) Chrysene-d12	15.69	240	153136	20.00	ng	0.00
86) Perylene-d12	17.43	264	147204	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	163624	90.90	ng	0.00
7) Phenol-d6	6.45	99	208564	92.46	ng	-0.01
23) Nitrobenzene-d5	7.56	82	121539	58.89	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	57949	102.97	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	222364	46.84	ng	0.00
78) Terphenyl-d14	14.41	244	302083	44.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.65	88	22378m	27.49	ng	
3) Pyridine	2.25	79	62454	29.29	ng	92
4) n-Nitrosodimethylamine	2.19	42	24052m	29.31	ng	
6) Aniline	6.44	93	66061	20.65	ng	92
8) 2-Chlorophenol	6.59	128	67660	31.79	ng	97
9) Benzaldehyde	6.29	77	20494	13.71	ng	84
10) Phenol	6.48	94	87282	32.29	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	60864	31.31	ng	92
12) 1,3-Dichlorobenzene	6.77	146	67908	29.05	ng	99
13) 1,4-Dichlorobenzene	6.88	146	68144	28.96	ng	99
14) 1,2-Dichlorobenzene	7.06	146	65968	29.90	ng	98
15) Benzyl Alcohol	7.06	79	54656	34.48	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	85372	32.93	ng	97
17) 2-Methylphenol	7.22	107	52155	31.56	ng	97
18) Hexachloroethane	7.48	117	23793	29.98	ng	96
19) n-Nitroso-di-n-propylamine	7.39	70	47066	31.62	ng	# 88
20) 3+4-Methylphenols	7.42	107	71681	32.52	ng	90
22) Acetophenone	7.38	105	95302	32.70	ng	# 92
24) Nitrobenzene	7.58	77	68336	31.68	ng	92
25) Isophorone	7.88	82	124308	31.74	ng	# 91
26) 2-Nitrophenol	7.97	139	32159	31.28	ng	# 78
27) 2,4-Dimethylphenol	8.06	122	61485	32.16	ng	95
28) bis(2-Chloroethoxy)methane	8.18	93	83425	33.22	ng	98
29) 2,4-Dichlorophenol	8.28	162	58524	33.65	ng	89
30) 1,2,4-Trichlorobenzene	8.37	180	59044	29.61	ng	98
31) Naphthalene	8.46	128	194606	29.89	ng	99
32) Benzoic acid	8.16	122	4249	9.95	ng	97
33) 4-Chloroaniline	8.56	127	63415	23.47	ng	97
34) Hexachlorobutadiene	8.62	225	32812	29.97	ng	97
35) Caprolactam	8.97	113	17811	34.31	ng	# 84
36) 4-Chloro-3-methylphenol	9.17	107	62123	35.40	ng	92
37) 2-Methylnaphthalene	9.32	142	135558	30.67	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	59072	28.09	ng	99
40) Hexachlorocyclopentadiene	9.50	237	43492	50.77	ng	98

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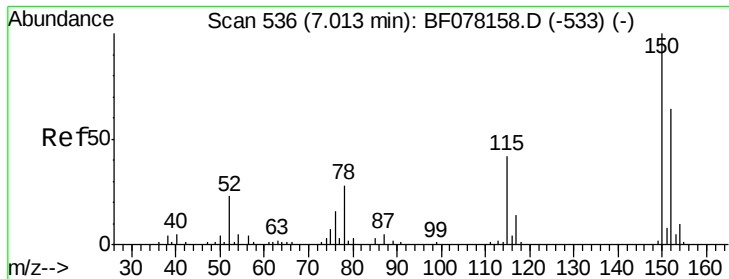
Manual Integrations
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 4/13/2015 4:16:30 PM

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	43297	32.65	ng	97
43) 2,4,5-Trichlorophenol	9.72	196	43326	31.27	ng	98
45) 1,1'-Biphenyl	9.90	154	164726	29.68	ng	99
46) 2-Chloronaphthalene	9.92	162	129876	29.74	ng	96
47) 2-Nitroaniline	10.05	65	36362	33.65	ng	96
48) Acenaphthylene	10.42	152	209481	29.70	ng	100
49) Dimethylphthalate	10.30	163	186145	36.51	ng	# 97
50) 2,6-Dinitrotoluene	10.37	165	32742	31.22	ng	96
51) Acenaphthene	10.64	154	119475	30.09	ng	100
52) 3-Nitroaniline	10.57	138	36217	30.37	ng	95
53) 2,4-Dinitrophenol	10.70	184	8406	32.04	ng	94
54) Dibenzofuran	10.85	168	184681	30.45	ng	92
55) 4-Nitrophenol	10.81	139	52792	60.80	ng	# 79
56) 2,4-Dinitrotoluene	10.86	165	45786	33.70	ng	# 88
57) Fluorene	11.26	166	152006	30.92	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.01	232	36147	35.20	ng	# 97
59) Diethylphthalate	11.17	149	162290	33.01	ng	99
60) 4-Chlorophenyl-phenylether	11.29	204	72960	32.26	ng	# 89
61) 4-Nitroaniline	11.31	138	35548	29.48	ng	91
62) Azobenzene	11.48	77	193466	43.12	ng	88
64) 4,6-Dinitro-2-methylphenol	11.36	198	16930	28.59	ng	# 75
65) n-Nitrosodiphenylamine	11.44	169	139074	28.73	ng	97
66) 4-Bromophenyl-phenylether	11.88	248	41212	27.81	ng	94
67) Hexachlorobenzene	11.94	284	45515	28.03	ng	96
68) Atrazine	12.12	200	47618	33.97	ng	98
69) Pentachlorophenol	12.19	266	42701	61.31	ng	99
70) Phenanthrene	12.44	178	228218	28.20	ng	99
71) Anthracene	12.51	178	234831	29.44	ng	99
72) Carbazole	12.73	167	231807	31.01	ng	99
73) Di-n-butylphthalate	13.20	149	287463	33.95	ng	99
74) Fluoranthene	13.91	202	264915	31.04	ng	99
76) Benzidine	14.11	184	147141	24.95	ng	98
77) Pyrene	14.18	202	276663	28.78	ng	99
79) Butylbenzylphthalate	15.04	149	129848	35.44	ng	89
80) Benzo(a)anthracene	15.68	228	275252	30.21	ng	100
81) 3,3'-Dichlorobenzidine	15.67	252	82329	26.98	ng	# 99
82) Chrysene	15.71	228	238005	27.80	ng	99
83) Bis(2-ethylhexyl)phthalate	15.77	149	206760	35.98	ng	98
84) Di-n-octyl phthalate	16.57	149	355288	37.65	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.68	276	281228	28.95	ng	# 86
87) Benzo(b)fluoranthene	16.98	252	258786	28.45	ng	98
88) Benzo(k)fluoranthene	17.01	252	245669m	30.39	ng	
89) Benzo(a)pyrene	17.36	252	247769	31.21	ng	98
90) Dibenzo(a,h)anthracene	18.71	278	234993	29.56	ng	99
91) Benzo(g,h,i)perylene	19.04	276	232689	29.20	ng	95

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



#1

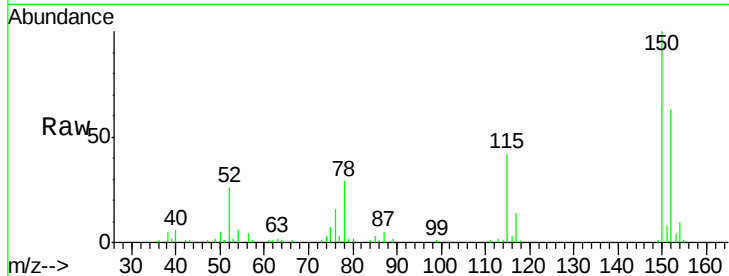
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	125.9	188.9
115	67.0	52.7	79.1

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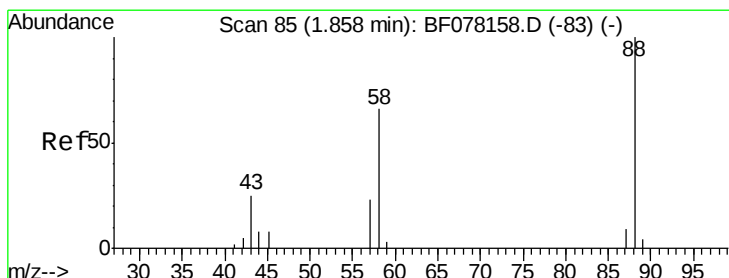
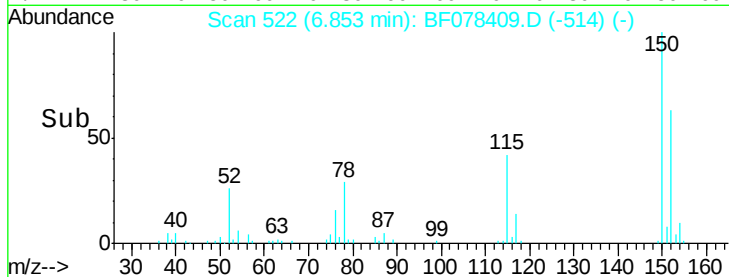
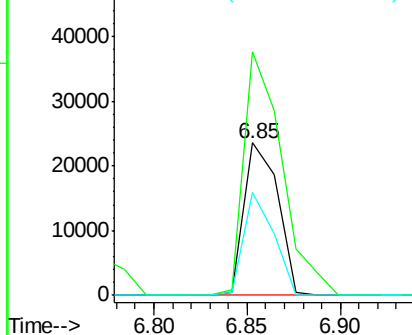


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

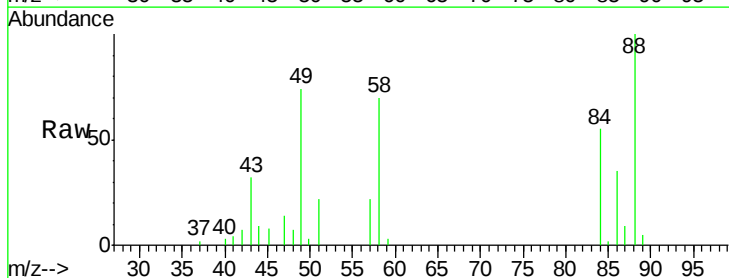
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.49 ng m
RT: 1.65 min Scan# 67
Delta R.T. 0.01 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	56.9	85.3
43	26.2	21.4	32.2

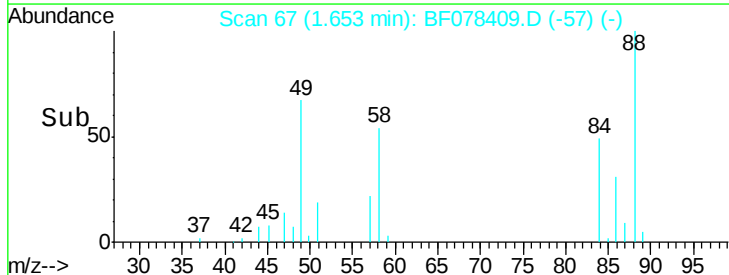
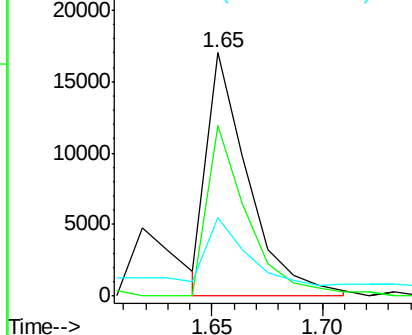


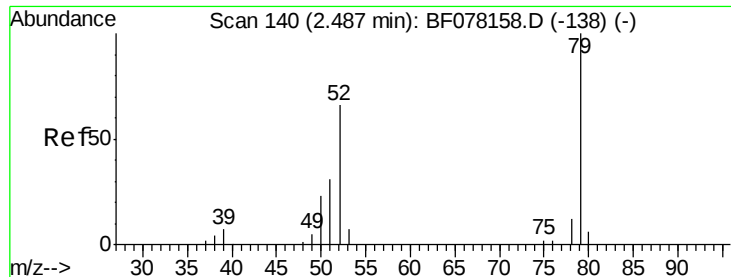
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.29 ng

RT: 2.25 min Scan# 119

Delta R.T. 0.02 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

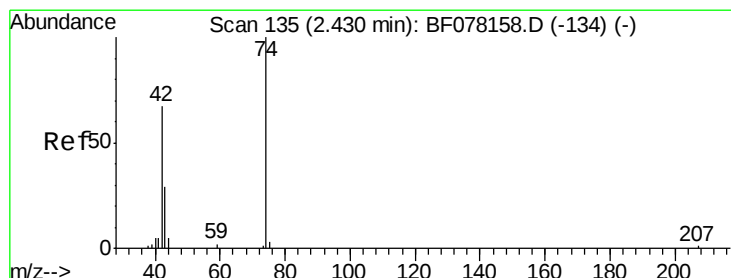
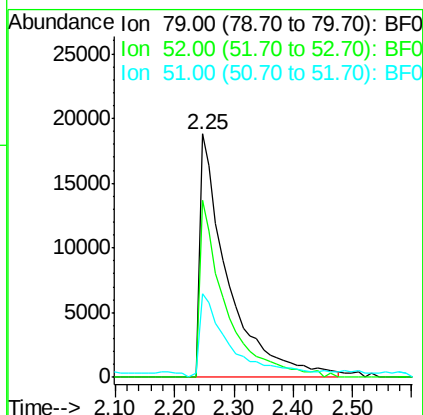
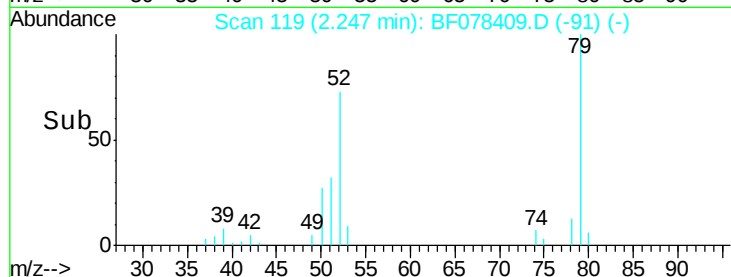
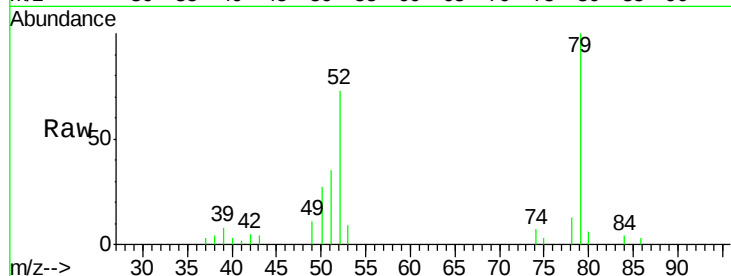
ClientSampleId :

LS-SD08CMS

Tgt Ion:	79	Resp:	62454
Ion	Ratio	Lower	Upper
79	100		
52	72.8	52.4	78.6
51	34.6	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 29.31 ng m

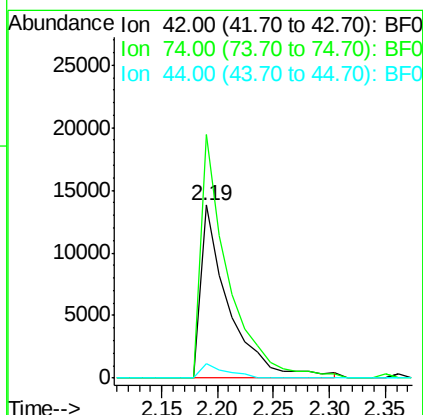
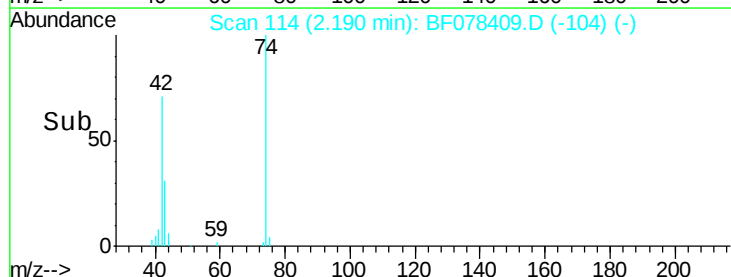
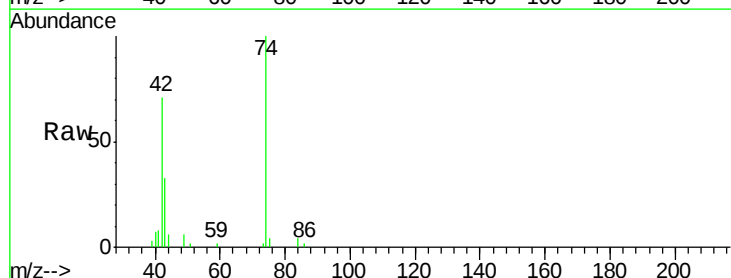
RT: 2.19 min Scan# 114

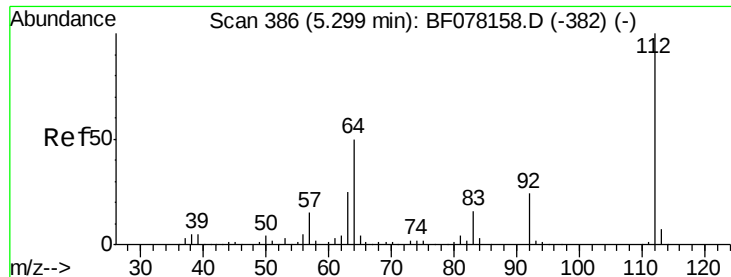
Delta R.T. 0.01 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion:	42	Resp:	24052
Ion	Ratio	Lower	Upper
42	100		
74	140.7	118.7	178.1
44	8.3	5.9	8.9





#5

2-Fluorophenol

Concen: 90.90 ng

RT: 5.12 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF078409.D

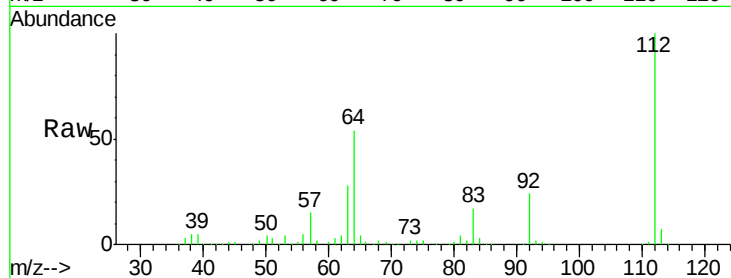
Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

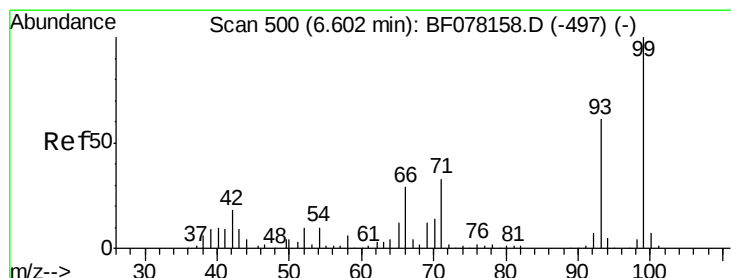
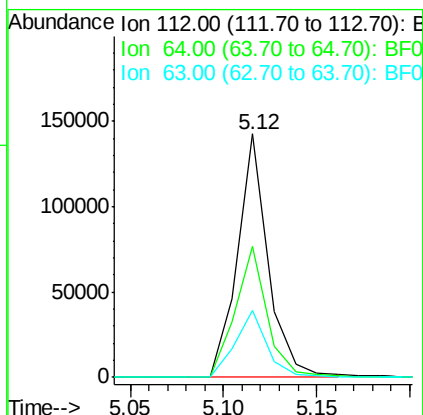
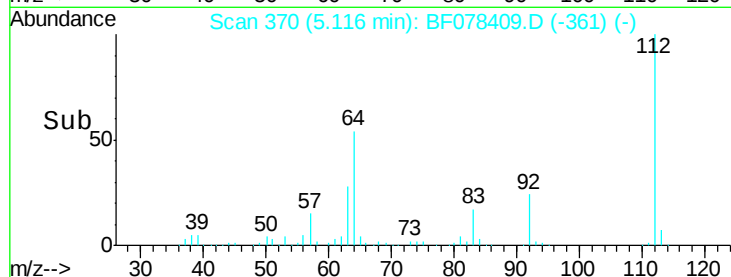
LS-SD08CMS



Tgt Ion:	112	Resp:	163624
Ion Ratio	Lower	Upper	
112	100		
64	53.9	39.9	59.9
63	27.6	20.2	30.4

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#6

Aniline

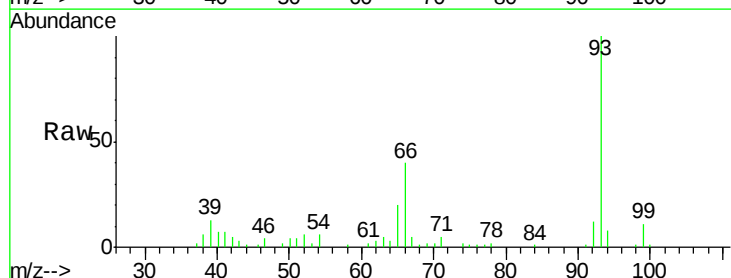
Concen: 20.65 ng

RT: 6.44 min Scan# 486

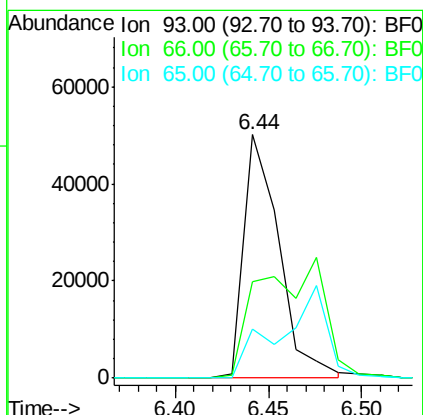
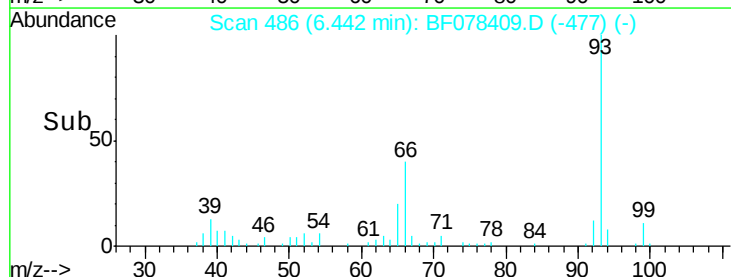
Delta R.T. -0.00 min

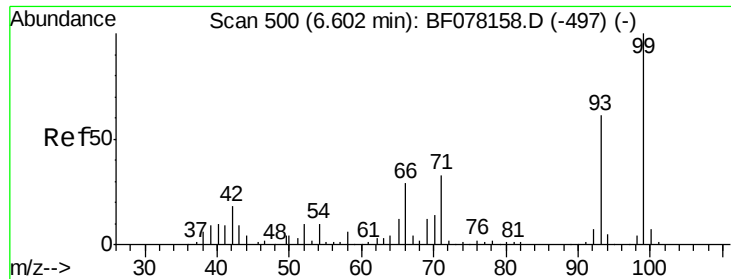
Lab File: BF078409.D

Acq: 10 Apr 2015 19:54



Tgt Ion:	93	Resp:	66061
Ion Ratio	Lower	Upper	
93	100		
66	39.9	38.0	57.0
65	20.0	16.3	24.5





#7

Phenol-d6

Concen: 92.46 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

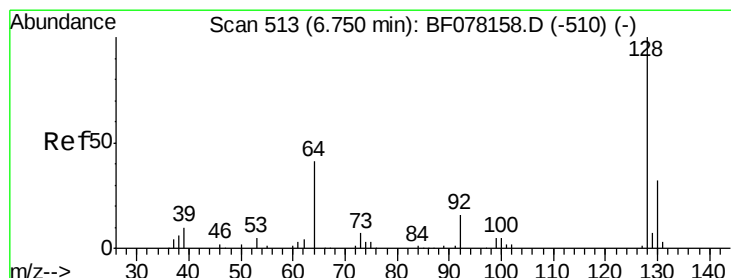
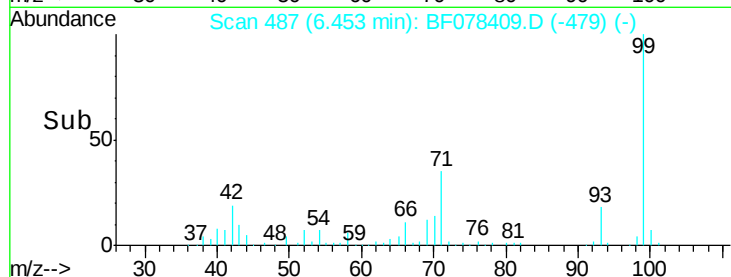
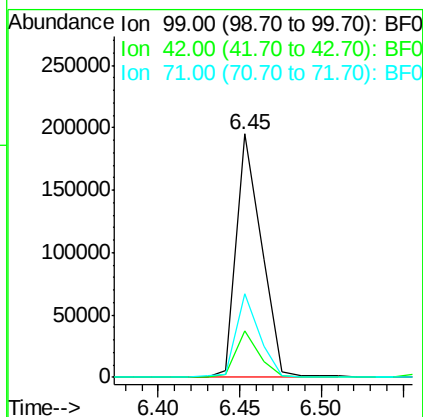
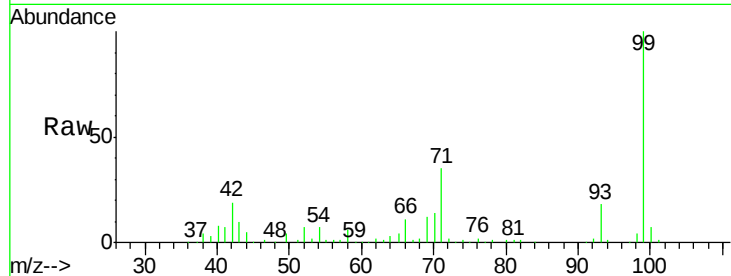
ClientSampleId :

LS-SD08CMS

Tgt Ion:	99	Resp:	208564
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.8	22.2
71	34.5	26.6	39.8

Manual Integrations
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#8

2-Chlorophenol

Concen: 31.79 ng

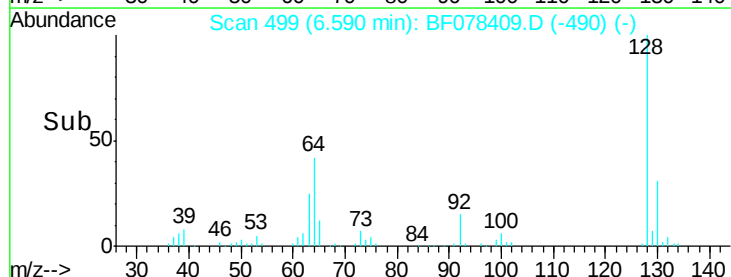
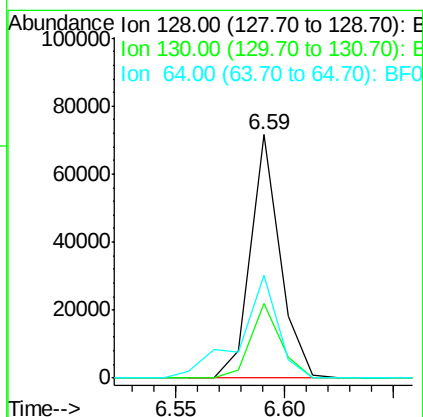
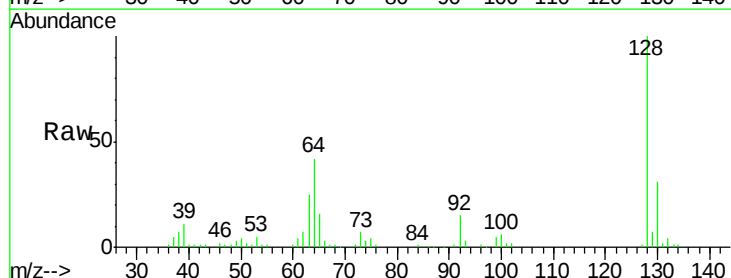
RT: 6.59 min Scan# 499

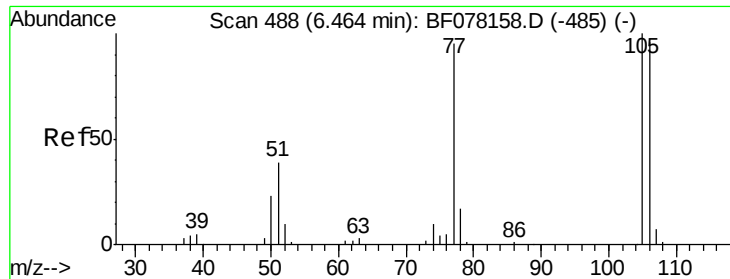
Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion:	128	Resp:	67660
Ion Ratio	Lower	Upper	
128	100		
130	30.9	12.3	52.3
64	42.0	23.8	63.8





#9

Benzaldehyde

Concen: 13.71 ng

RT: 6.29 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

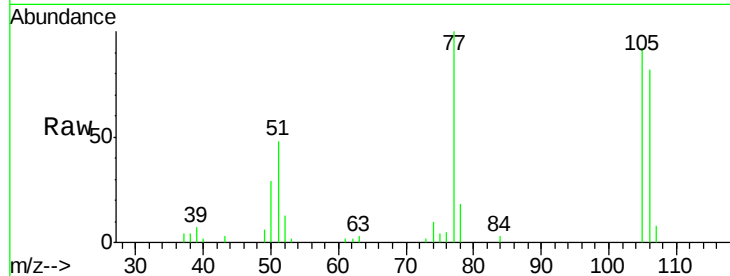
ClientSampleId :

LS-SD08CMS

Tgt Ion:	77	Resp:	20494
Ion	Ratio	Lower	Upper
77	100		
105	91.9	85.4	125.4
106	81.9	80.8	120.8

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF078158.D (-485) (-)

Ion 105.00 (104.70 to 105.70): BF078158.D (-485) (-)

Ion 106.00 (105.70 to 106.70): BF078158.D (-485) (-)

Time-->

6.25 6.30 6.35

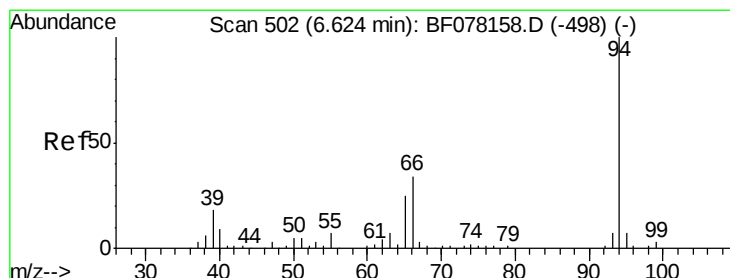
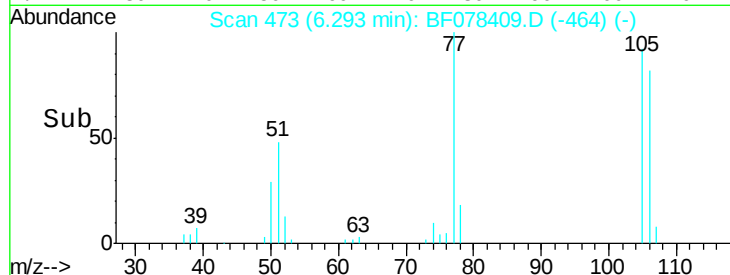
6.29

15000

10000

5000

0



#10

Phenol

Concen: 32.29 ng

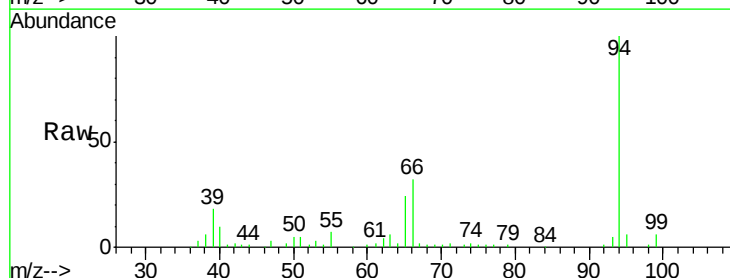
RT: 6.48 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion:	94	Resp:	87282
Ion	Ratio	Lower	Upper
94	100		
65	24.5	4.9	44.9
66	31.9	13.8	53.8



Abundance Ion 94.00 (93.70 to 94.70): BF078158.D (-498) (-)

Ion 65.00 (64.70 to 65.70): BF078158.D (-498) (-)

Ion 66.00 (65.70 to 66.70): BF078158.D (-498) (-)

Time-->

6.40 6.45 6.50 6.55

6.48

100000

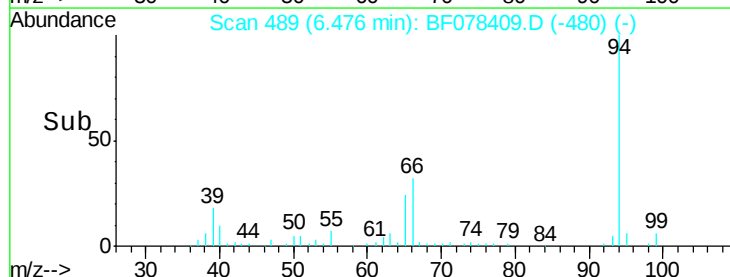
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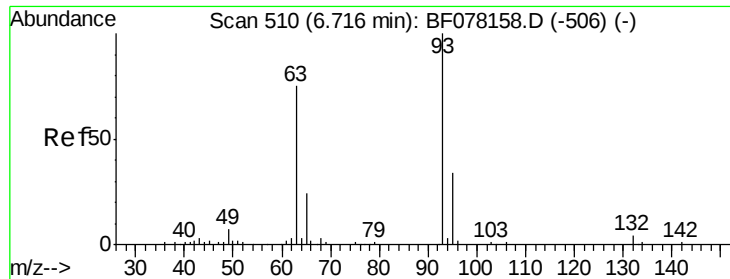
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40000

20000

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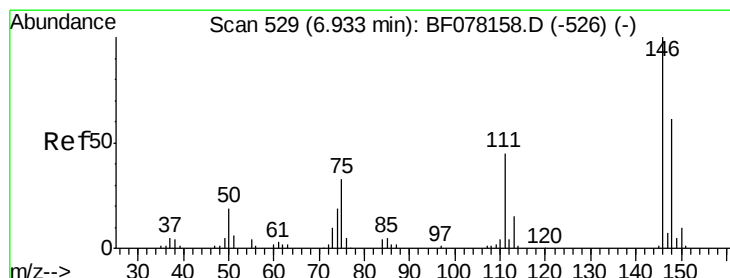
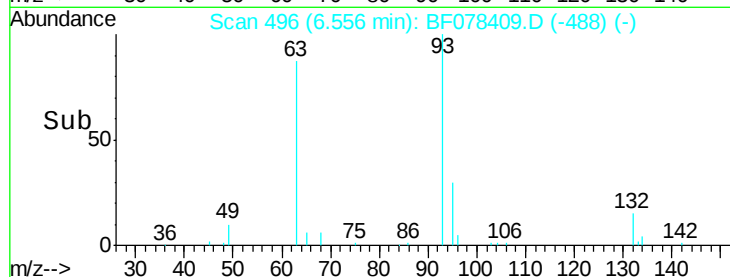
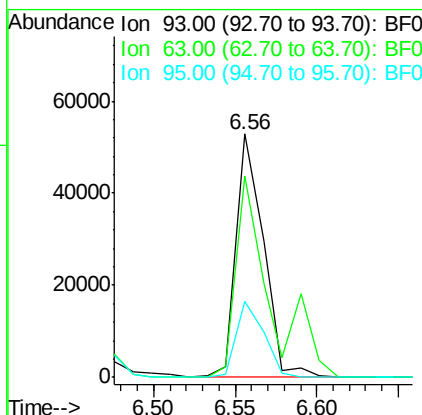
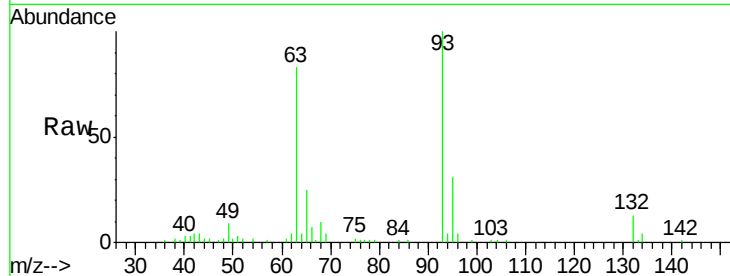
#11
bis(2-Chloroethyl)ether
Concen: 31.31 ng
RT: 6.56 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion:	93	Resp:	60864
Ion	Ratio	Lower	Upper
93	100		
63	82.8	54.6	94.6
95	31.4	13.6	53.6

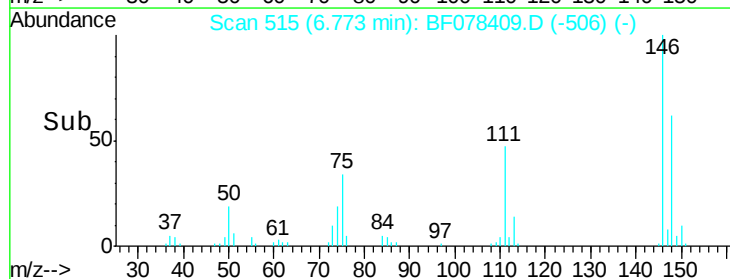
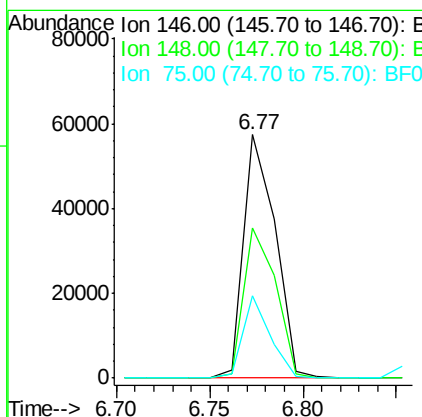
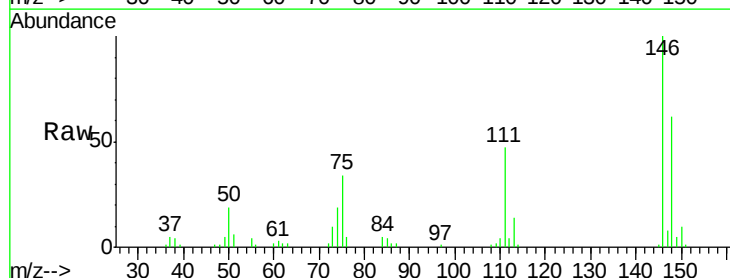
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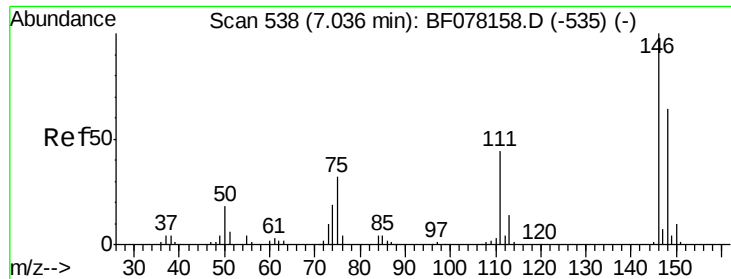
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#12
1,3-Dichlorobenzene
Concen: 29.05 ng
RT: 6.77 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion:	146	Resp:	67908
Ion	Ratio	Lower	Upper
146	100		
148	61.8	49.1	73.7
75	33.9	26.6	40.0





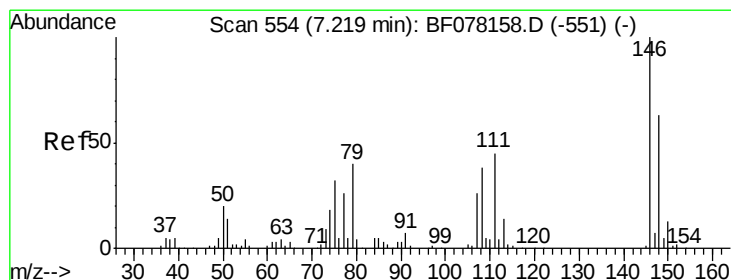
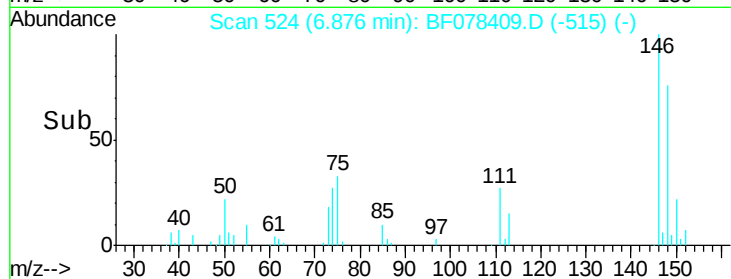
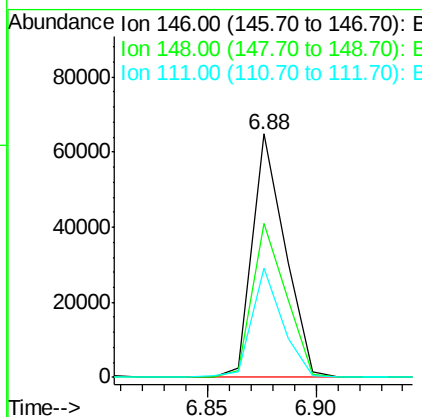
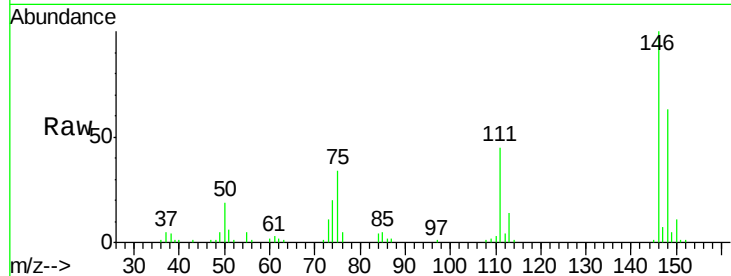
#13
 1,4-Dichlorobenzene
 Concen: 28.96 ng
 RT: 6.88 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
111	44.9	35.0	52.4

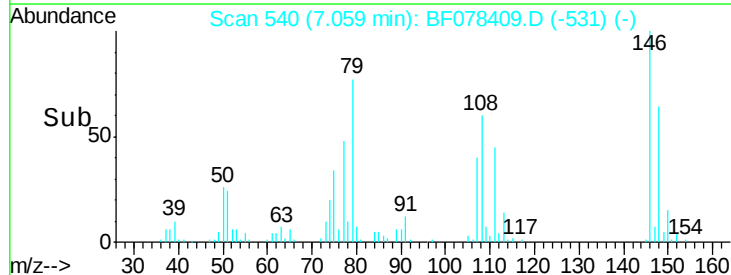
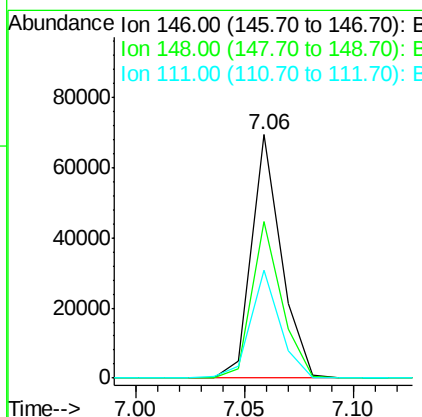
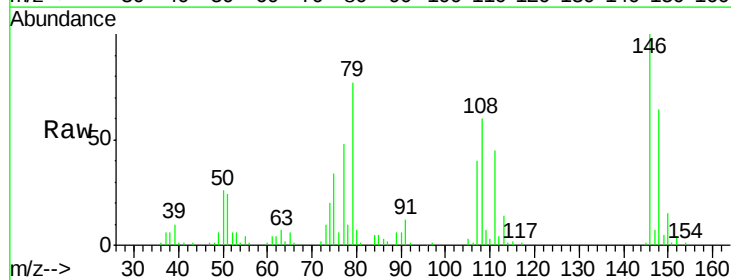
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 29.90 ng
 RT: 7.06 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.2	75.4
111	44.6	36.1	54.1





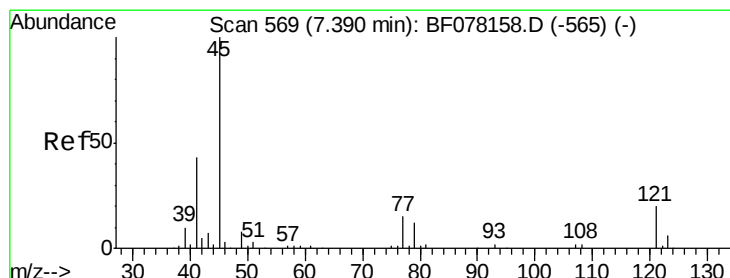
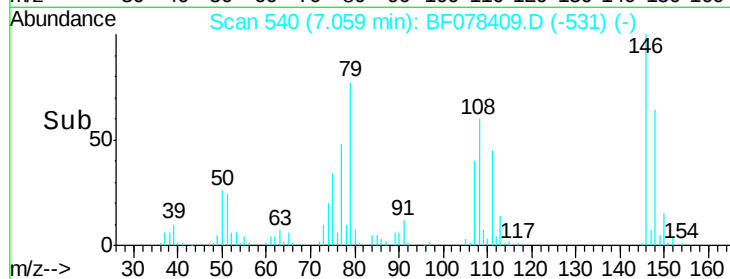
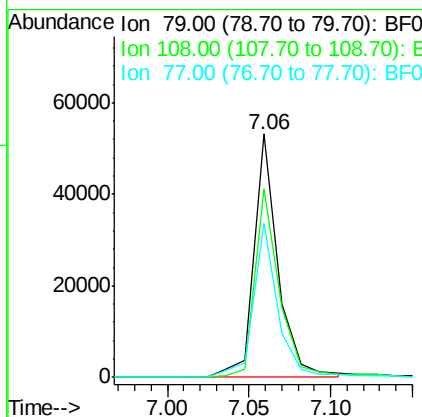
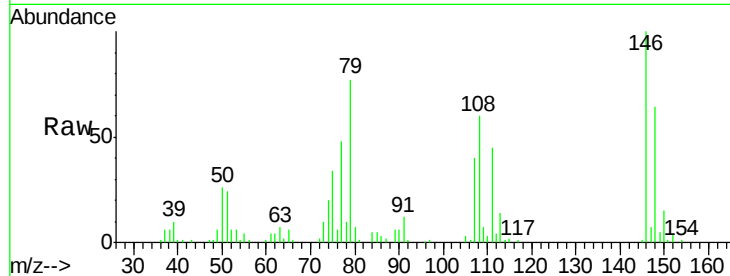
#15
Benzyl Alcohol
Concen: 34.48 ng
RT: 7.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	54656		
108	77.7	57.6	86.4	
77	63.2	53.5	80.3	

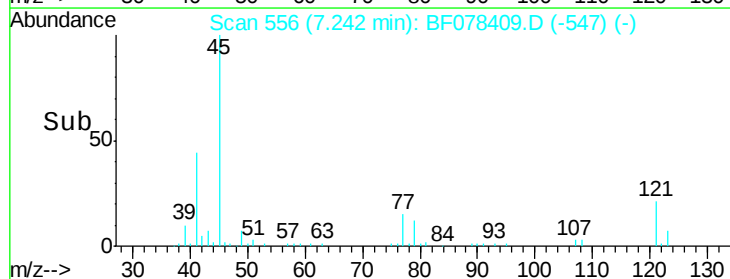
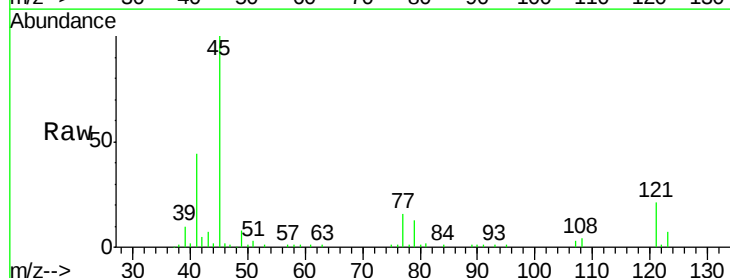
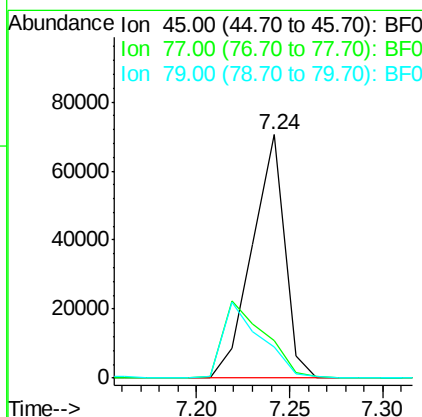
Manual Integrations
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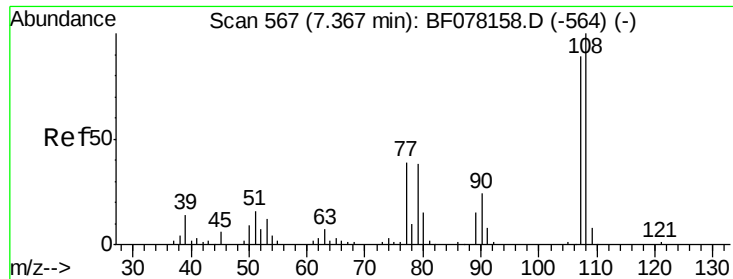
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.93 ng
RT: 7.24 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	85372		
77	15.7	0.0	34.5	
79	12.8	0.0	31.9	





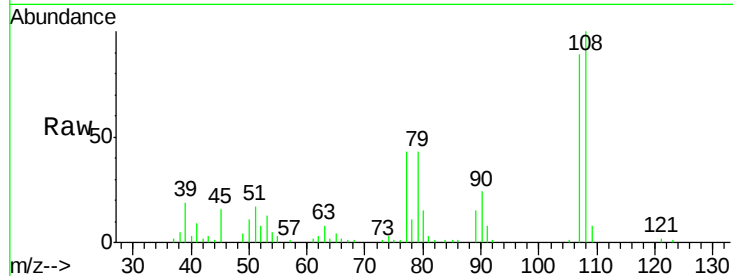
#17
2-Methylphenol
Concen: 31.56 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

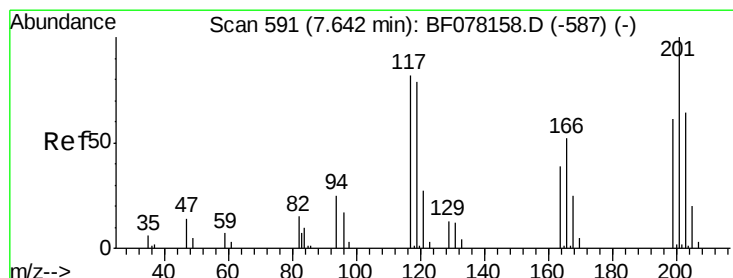
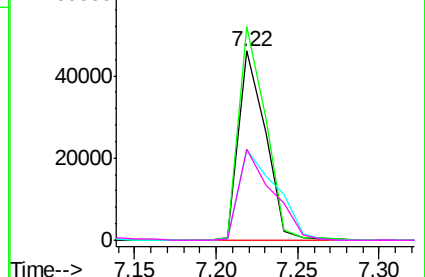
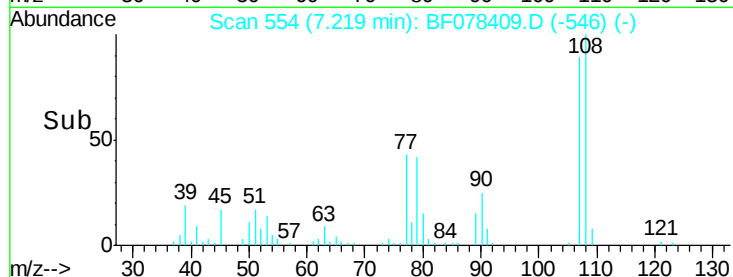
Tgt Ion:	107	Resp:	52155
Ion Ratio	Lower	Upper	
107	100		
108	112.9	90.3	135.5
77	48.3	35.5	53.3
79	48.0	34.2	51.4

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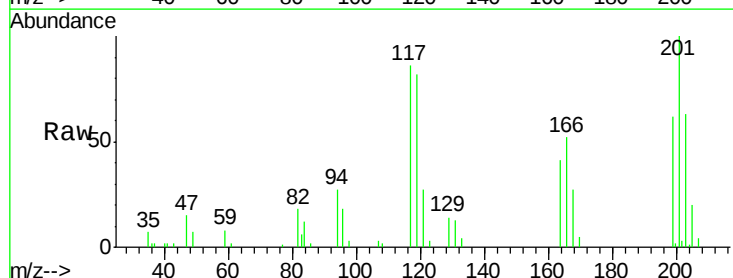


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

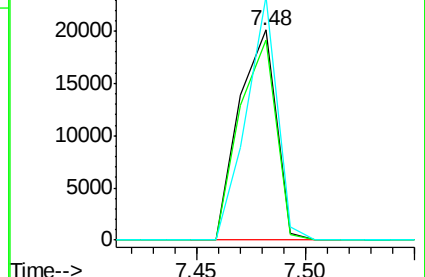
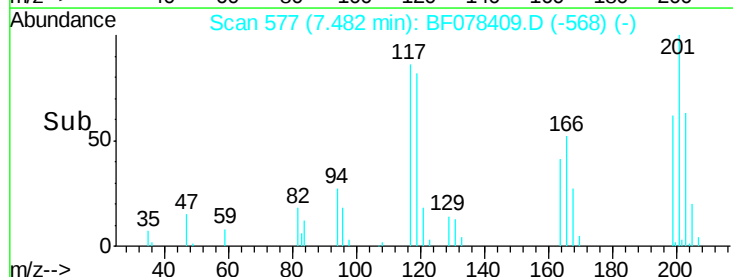


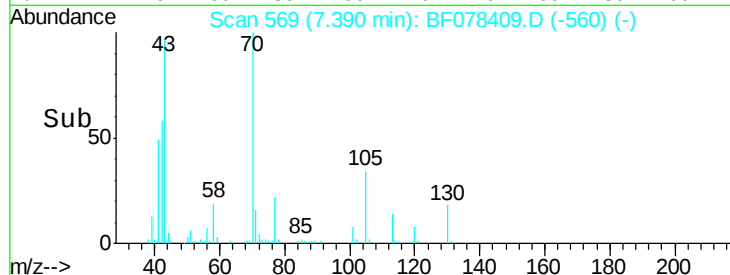
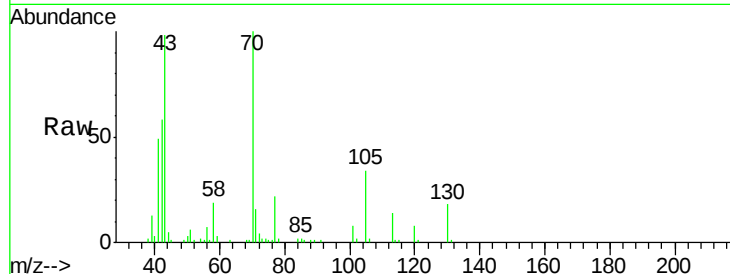
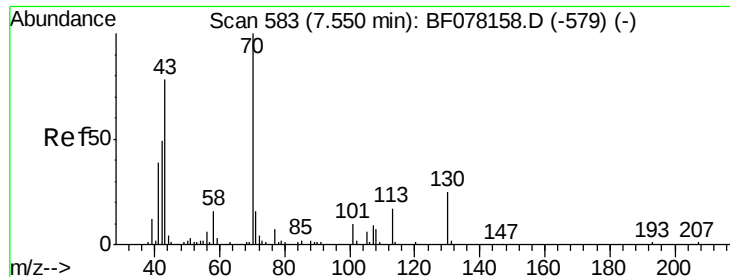
#18
Hexachloroethane
Concen: 29.98 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion:	117	Resp:	23793
Ion Ratio	Lower	Upper	
117	100		
119	95.0	77.0	115.6
201	115.8	98.1	147.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





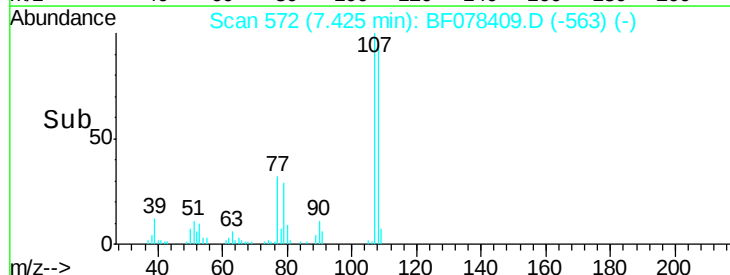
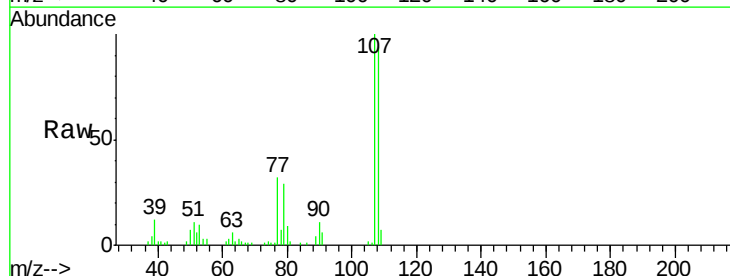
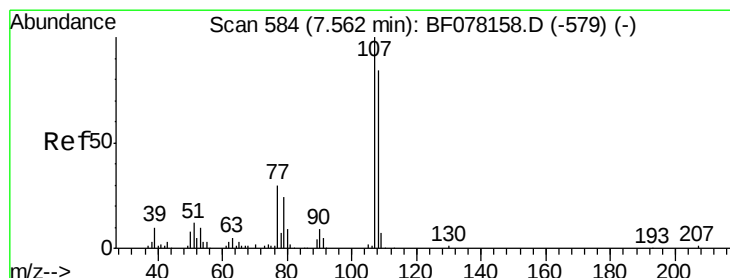
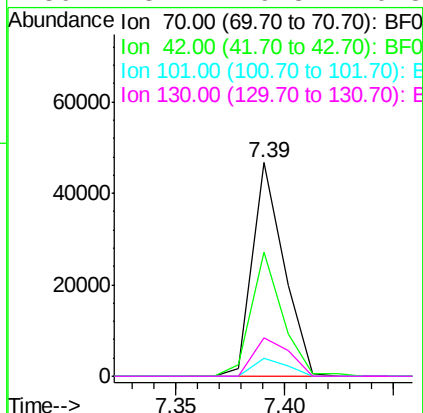
#19
n-Nitroso-di-n-propylamine
Concen: 31.62 ng
RT: 7.39 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

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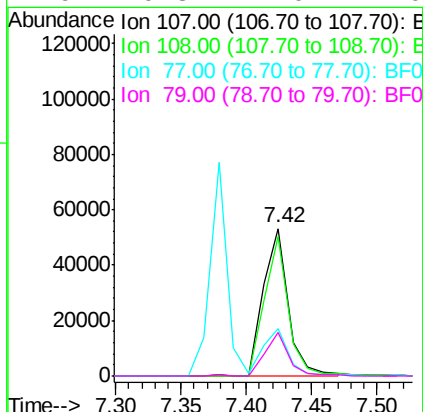
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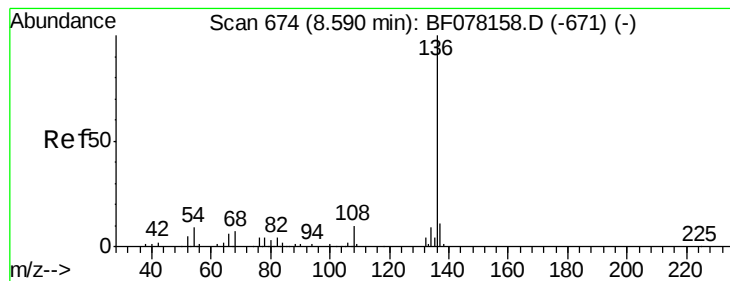
Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.8	38.9	58.3
101	8.5	8.3	12.5
130	18.1	19.8	29.8#



#20
3+4-Methylphenols
Concen: 32.52 ng
RT: 7.42 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.4	64.4	104.4
77	32.3	9.7	49.7
79	29.3	4.0	44.0





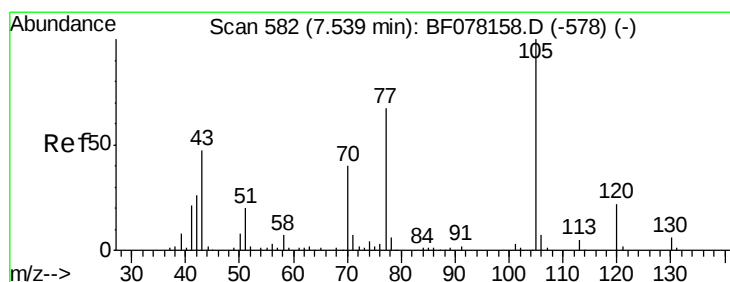
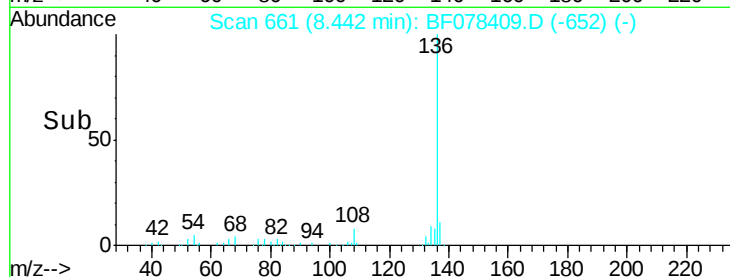
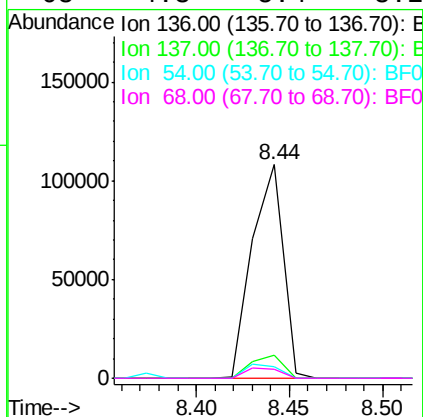
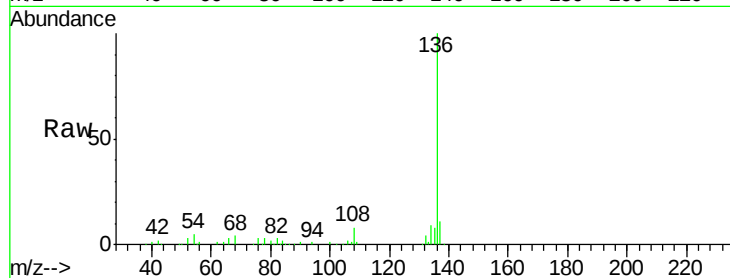
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.44 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	125087		
137	10.5	9.0	13.4	
54	5.2	7.0	10.6	
68	4.3	5.4	8.2	

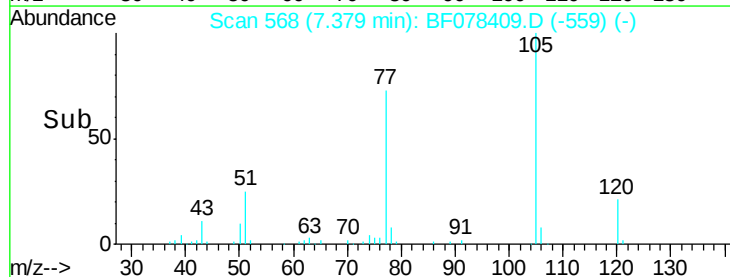
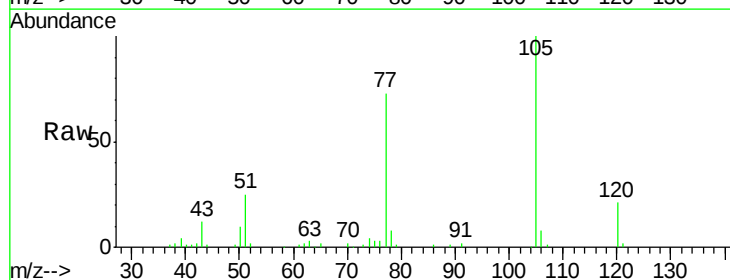
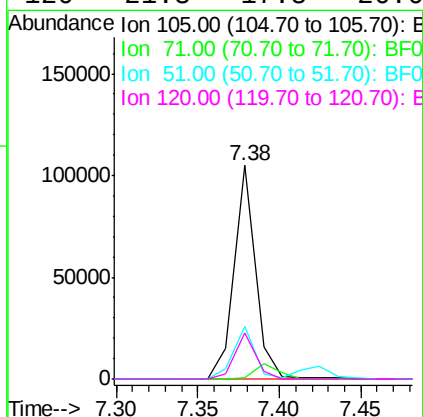
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#22
Acetophenone
Concen: 32.70 ng
RT: 7.38 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	95302		
71	0.4	5.5	8.3	
51	24.7	16.0	24.0	
120	21.3	17.8	26.6	





#23

Nitrobenzene-d5

Concen: 58.89 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

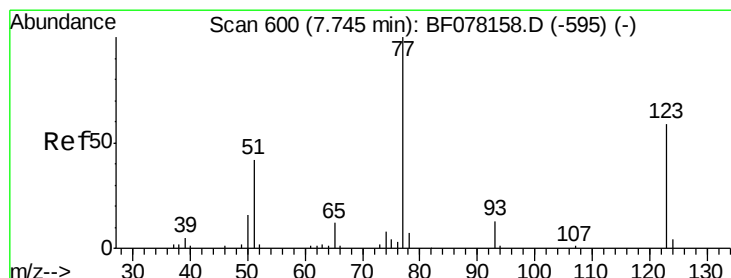
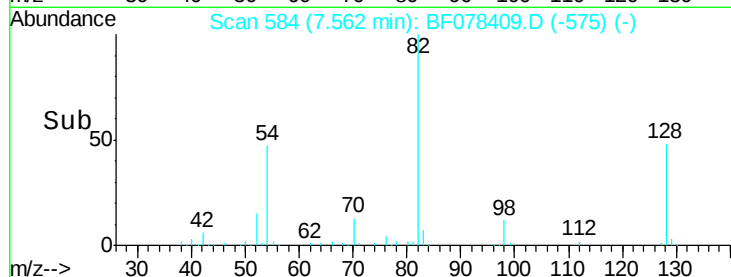
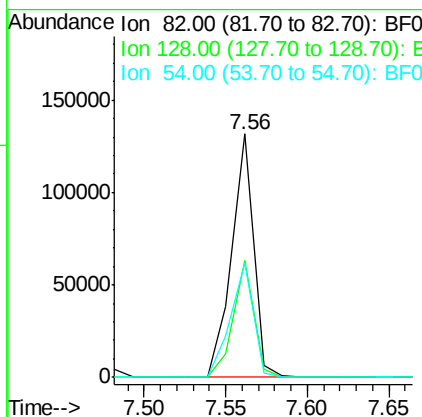
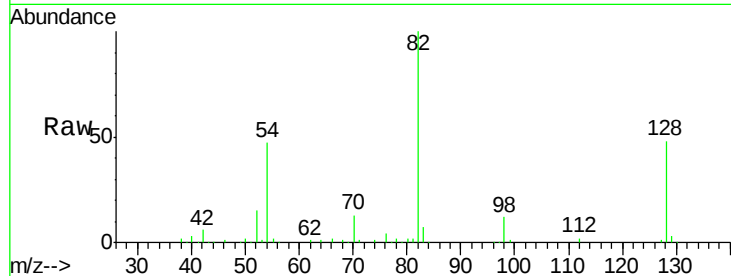
ClientSampleId :

LS-SD08CMS

Tgt Ion:	82	Resp:	121539
Ion Ratio	Lower	Upper	
82	100		
128	48.0	31.8	47.8#
54	46.9	41.5	62.3

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#24

Nitrobenzene

Concen: 31.68 ng

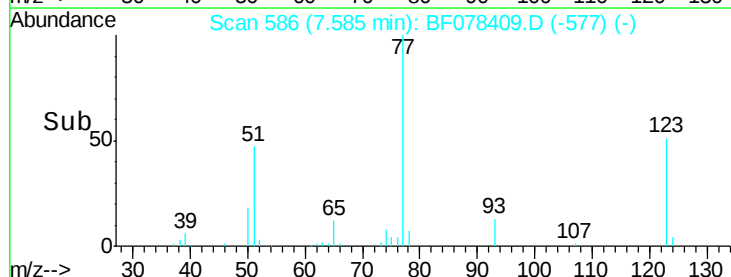
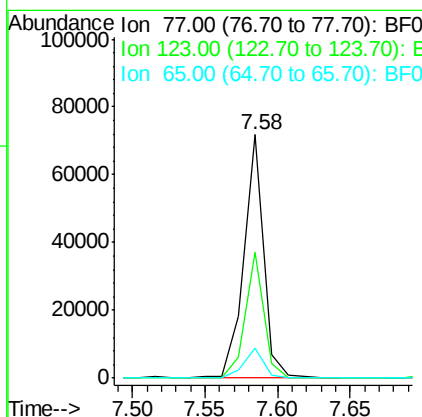
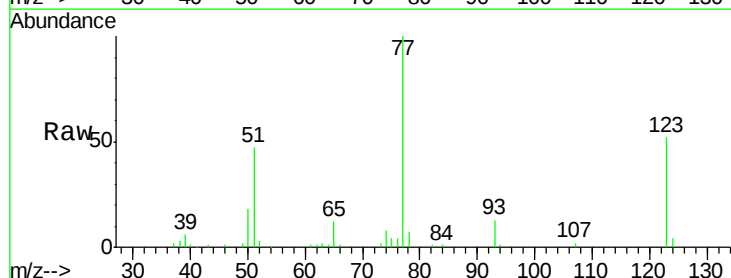
RT: 7.58 min Scan# 586

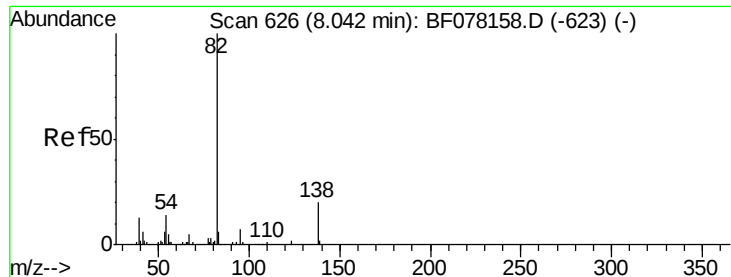
Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion:	77	Resp:	68336
Ion Ratio	Lower	Upper	
77	100		
123	51.6	46.9	70.3
65	12.2	9.5	14.3





#25

Isophorone

Concen: 31.74 ng

RT: 7.88 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

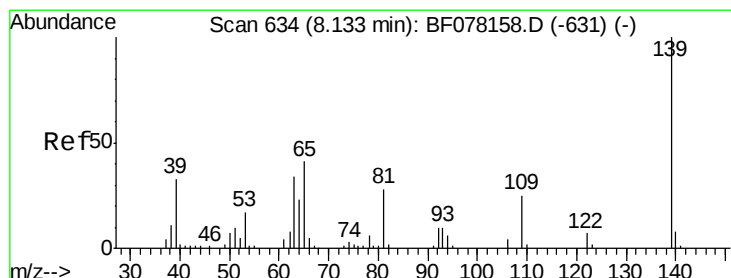
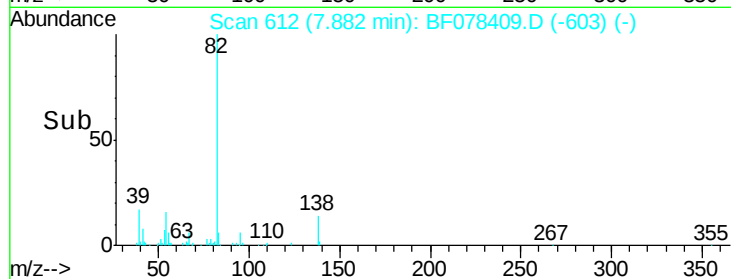
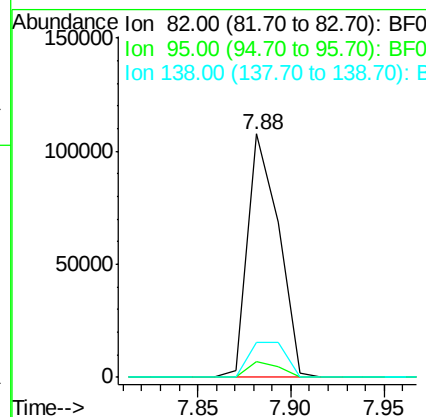
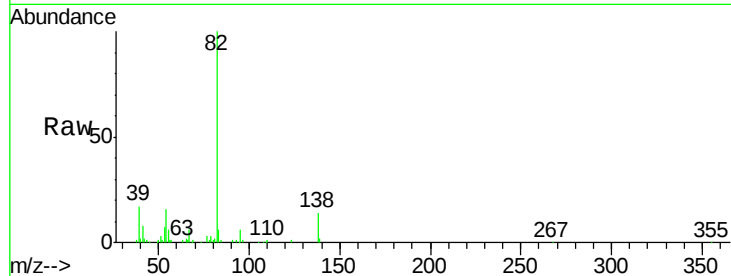
LS-SD08CMS

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Tgt Ion:	82	Resp:	124308
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.7	8.5
138	14.5	15.8	23.8#



#26

2-Nitrophenol

Concen: 31.28 ng

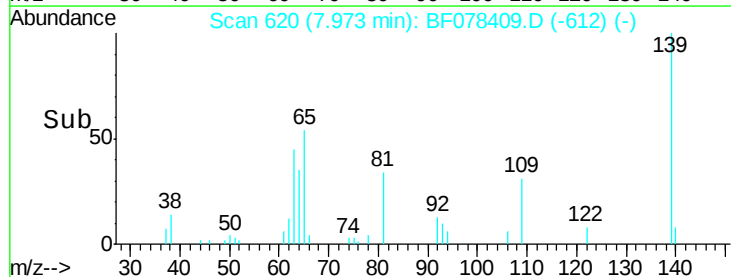
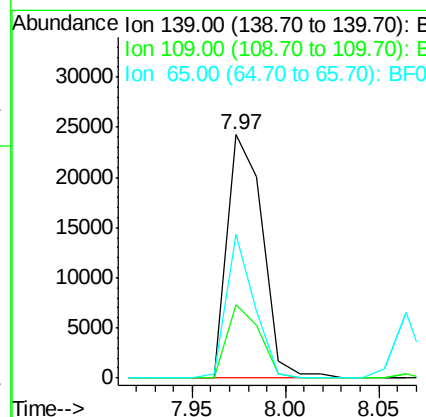
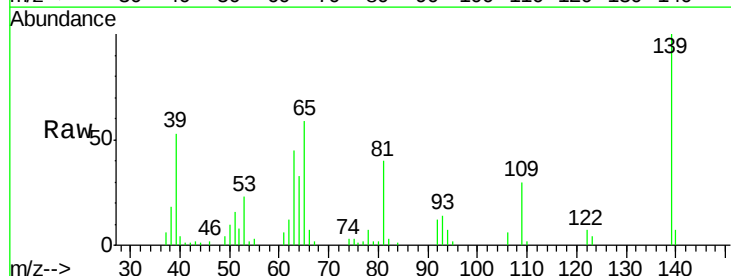
RT: 7.97 min Scan# 620

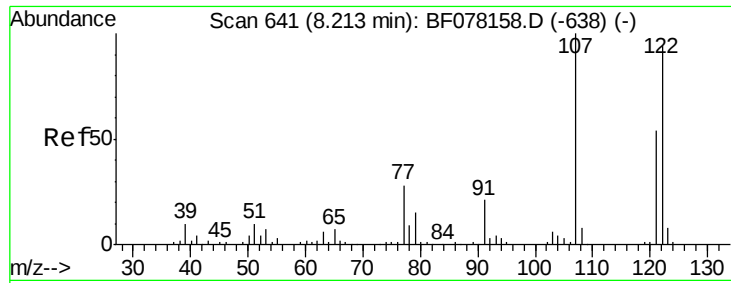
Delta R.T. -0.01 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion:	139	Resp:	32159
Ion Ratio	Lower	Upper	
139	100		
109	30.3	19.8	29.8#
65	58.8	32.7	49.1#





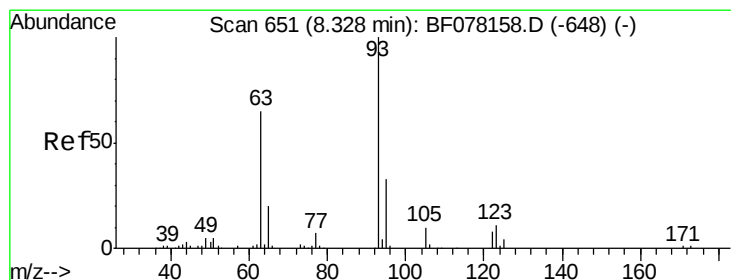
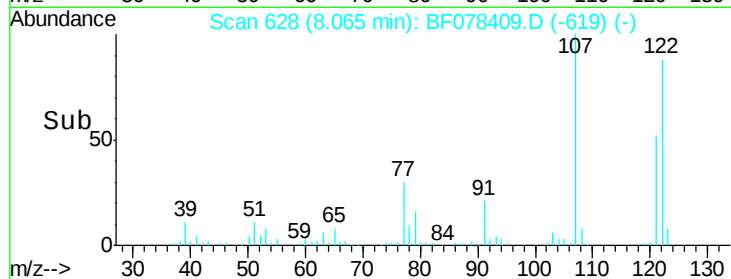
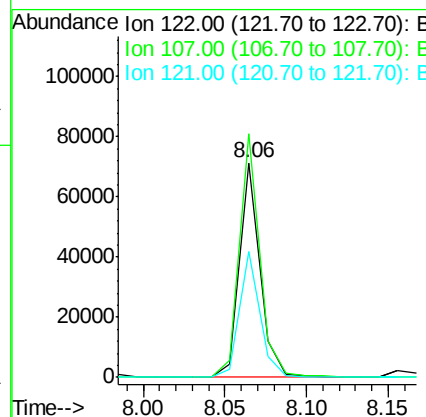
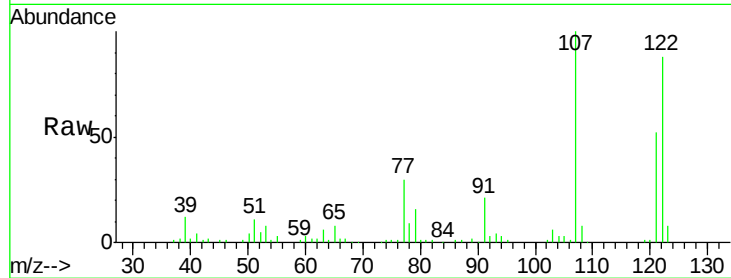
#27
2,4-Dimethylphenol
Concen: 32.16 ng
RT: 8.06 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	61485		
107	113.4	84.6	127.0	
121	58.7	46.0	69.0	

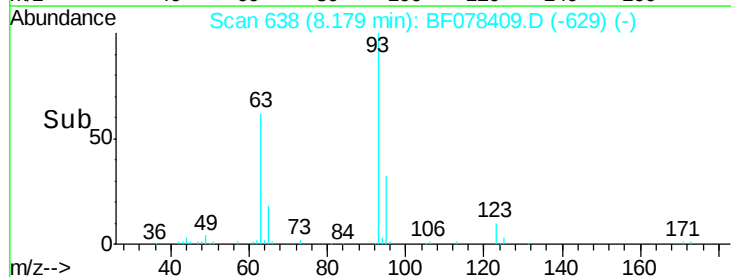
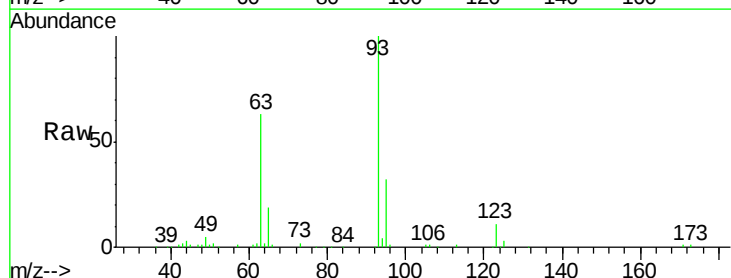
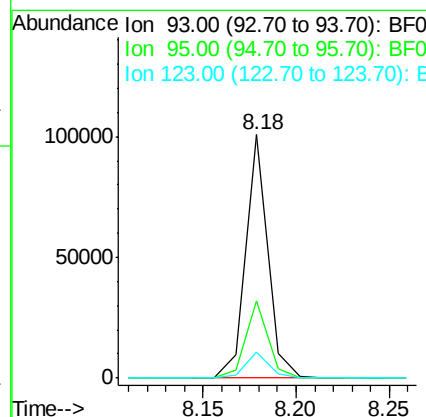
Manual Integrations
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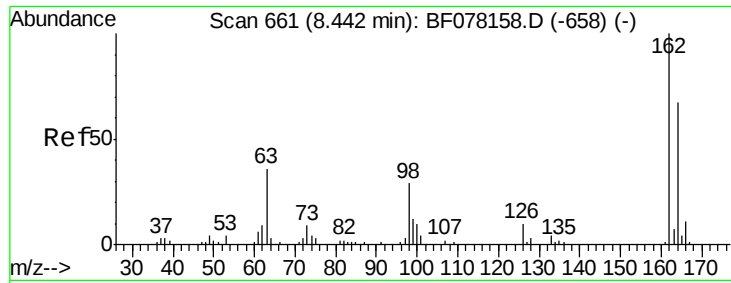
apatel
4/13/2015 4:16:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 33.22 ng
RT: 8.18 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	83425		
95	31.9	26.3	39.5	
123	10.7	9.1	13.7	





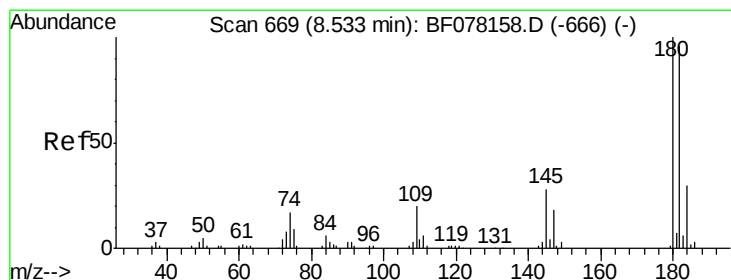
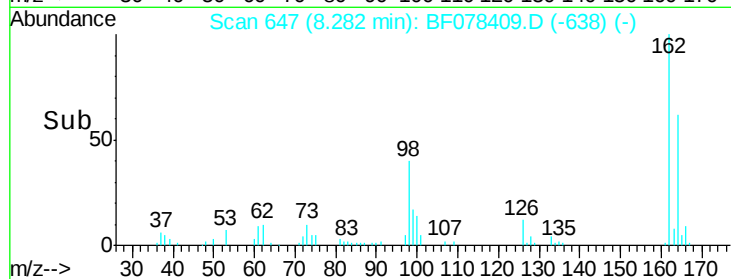
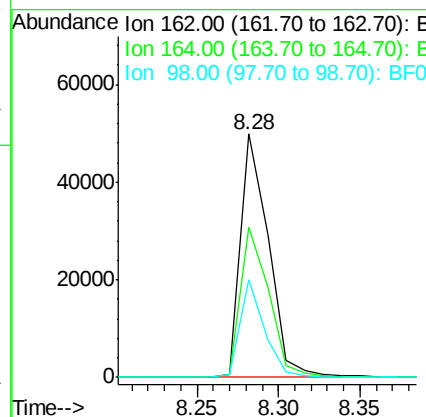
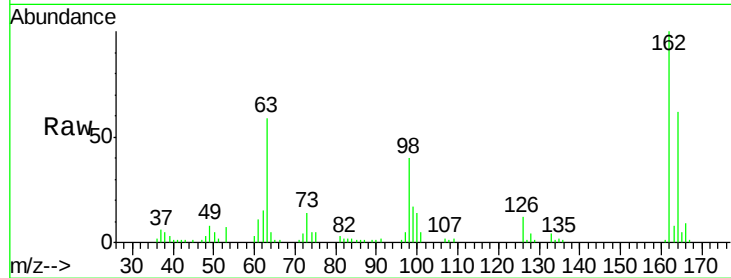
#29
 2,4-Dichlorophenol
 Concen: 33.65 ng
 RT: 8.28 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion:	162	Resp:	58524
Ion Ratio	Lower	Upper	
162	100		
164	61.8	47.0	87.0
98	40.0	9.2	49.2

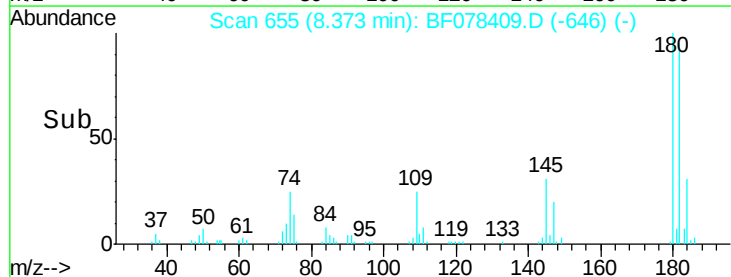
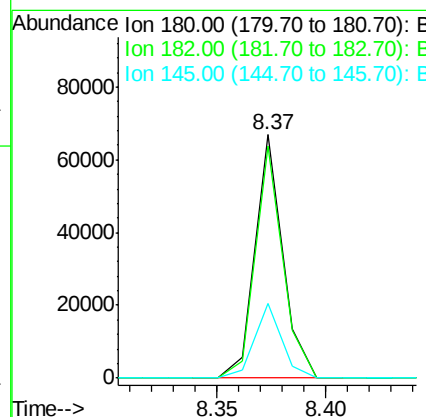
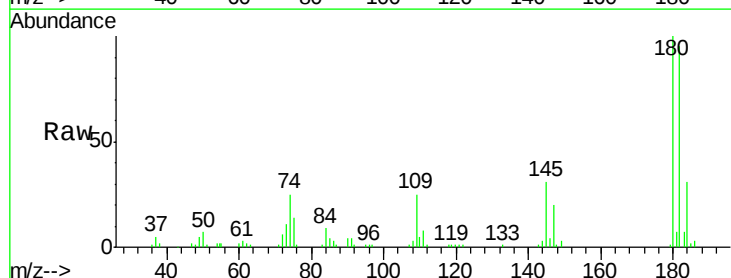
Manual Integrations
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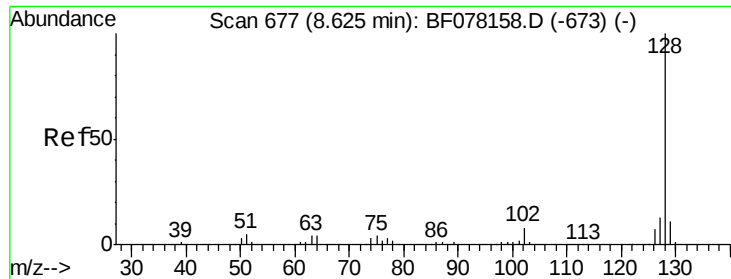
apatel
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#30
 1,2,4-Trichlorobenzene
 Concen: 29.61 ng
 RT: 8.37 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion:	180	Resp:	59044
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.9	115.3
145	30.7	22.5	33.7





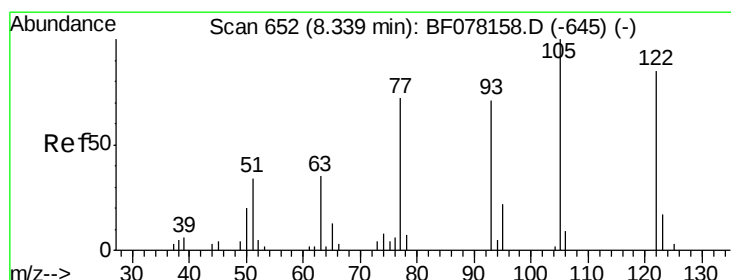
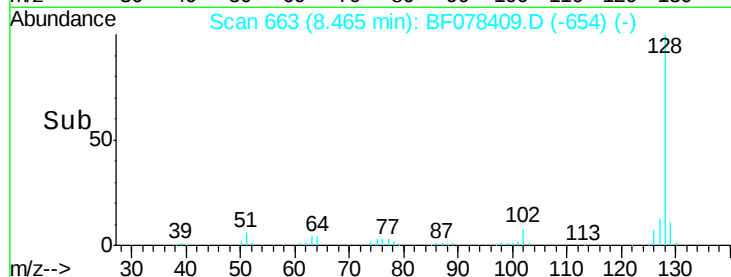
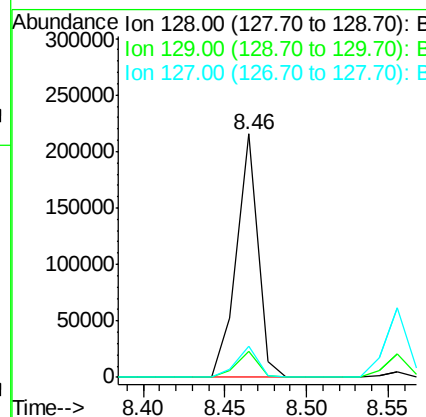
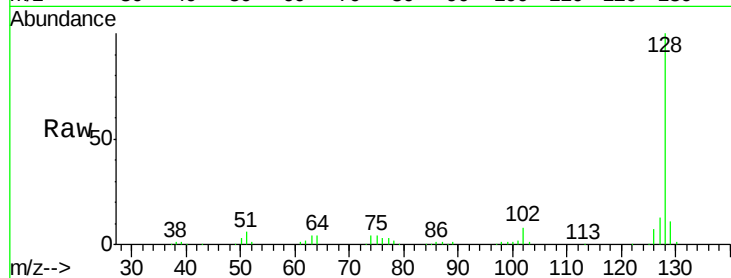
#31
Naphthalene
Concen: 29.89 ng
RT: 8.46 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	194606		
129	10.7	8.6	12.8	
127	12.6	10.7	16.1	

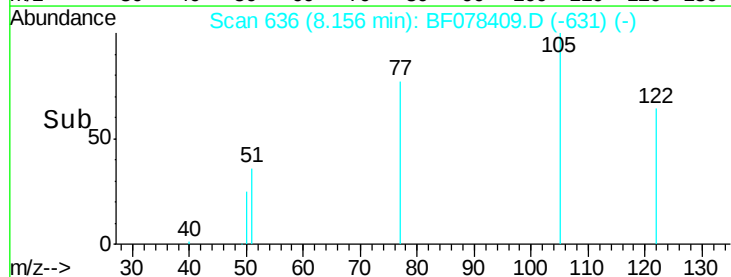
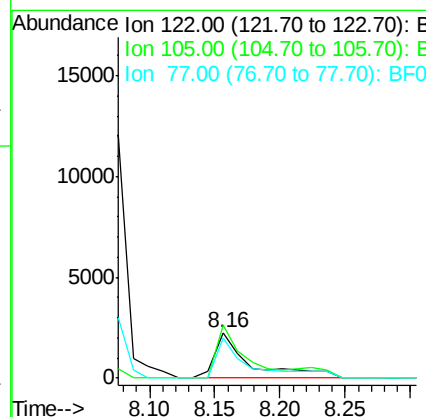
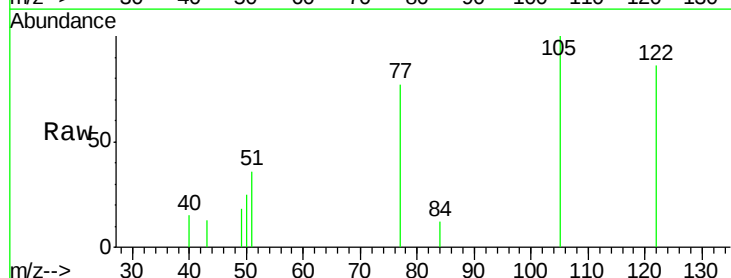
Manual Integrations
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apatel
4/13/2015 4:16:30 PM



#32
Benzoic acid
Concen: 9.95 ng
RT: 8.16 min Scan# 636
Delta R.T. -0.05 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	4249		
105	116.5	96.1	136.1	
77	89.2	64.1	104.1	





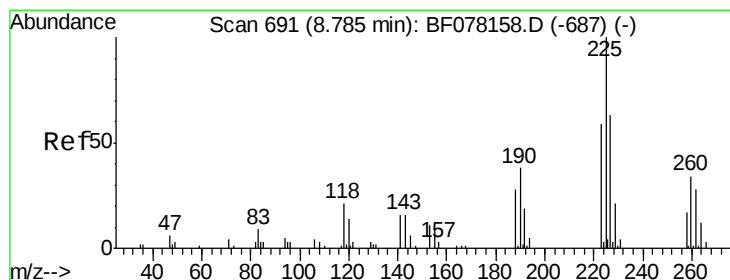
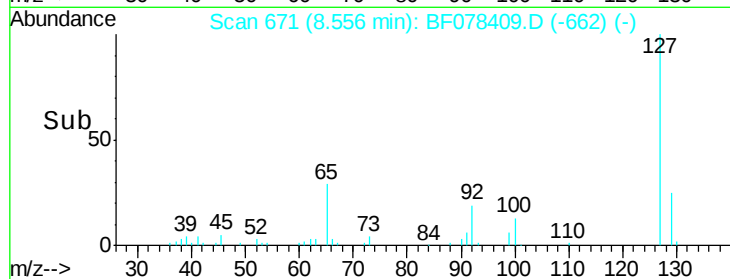
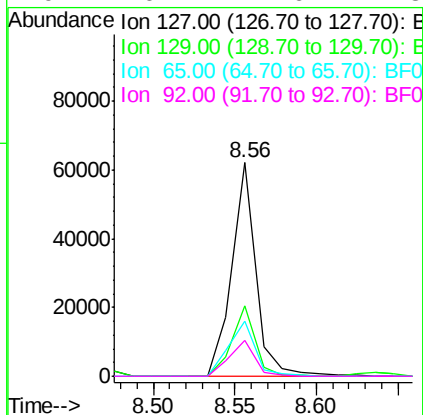
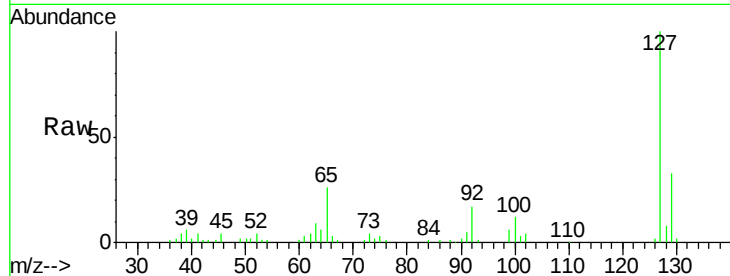
#33
4-Chloroaniline
Concen: 23.47 ng
RT: 8.56 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	63415		
129	33.0	25.5	38.3	
65	25.5	21.7	32.5	
92	16.7	14.6	21.8	

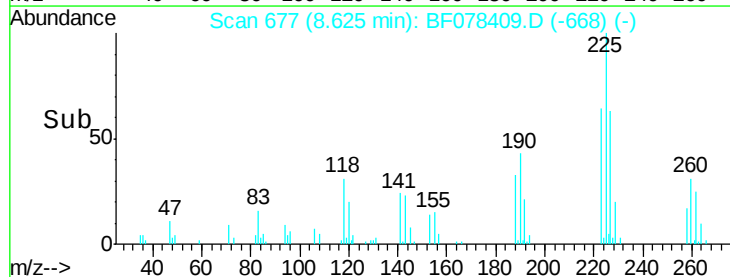
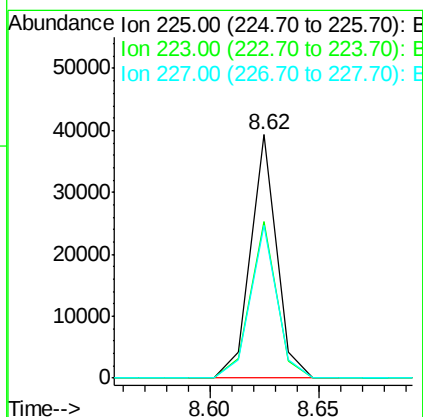
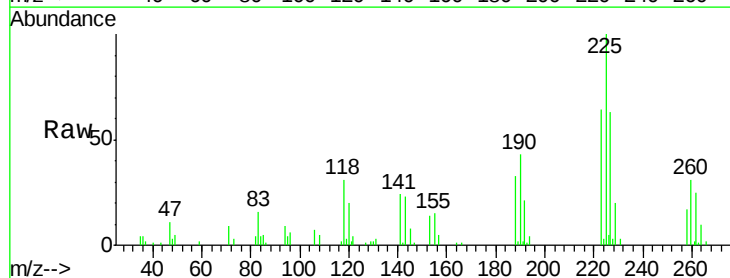
Manual Integrations
APPROVED

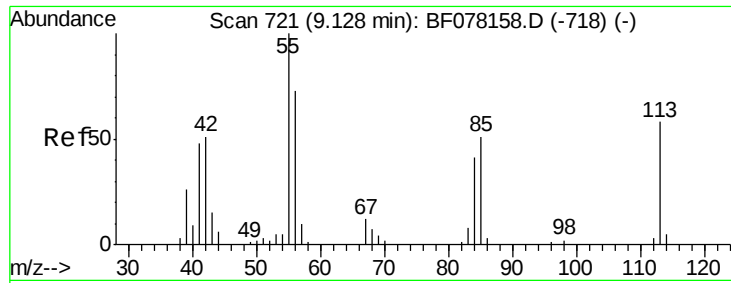
apatel
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#34
Hexachlorobutadiene
Concen: 29.97 ng
RT: 8.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32812		
223	64.5	47.5	71.3	
227	62.9	50.2	75.2	





#35

Caprolactam

Concen: 34.31 ng

RT: 8.97 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

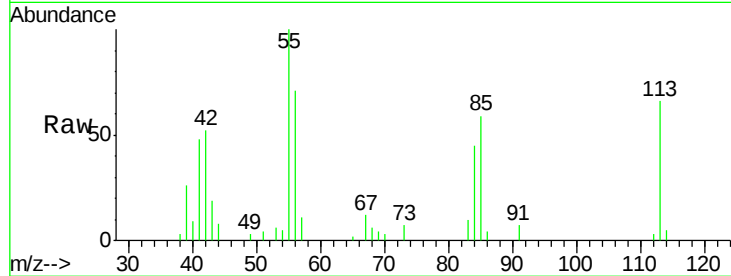
ClientSampleId :

LS-SD08CMS

Tgt Ion:	113	Resp:	17811
Ion Ratio	Lower	Upper	
113	100		
55	150.8	151.9	191.9#
56	106.8	106.1	146.1

Manual Integrations
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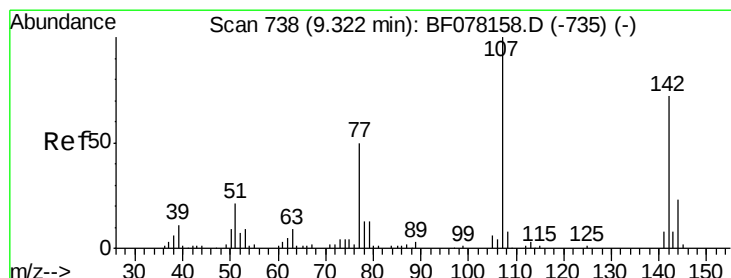
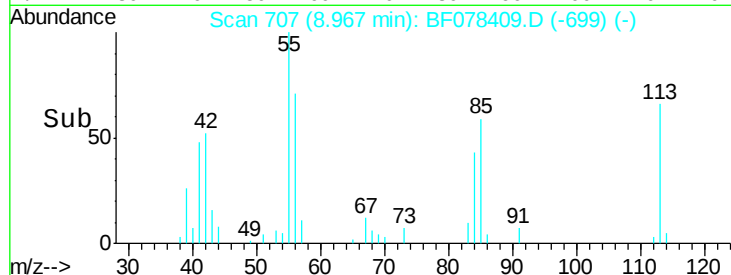
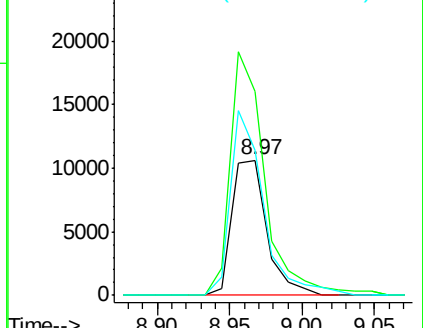
apatel
4/13/2015 4:16:30 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.40 ng

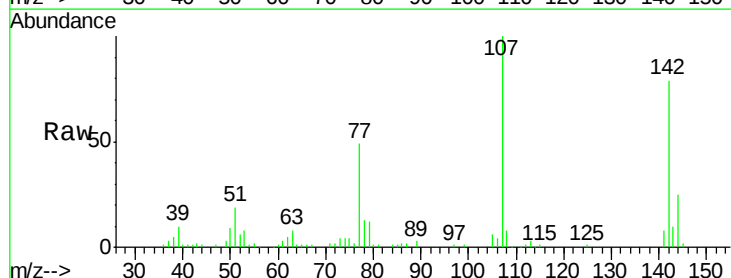
RT: 9.17 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

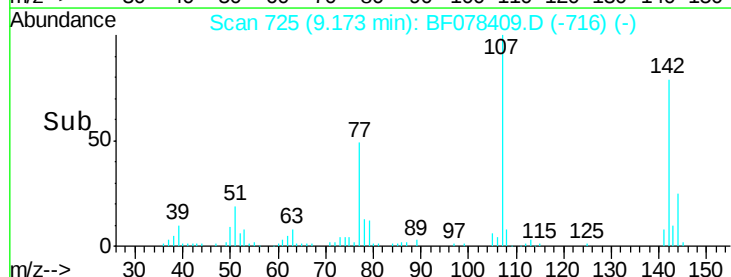
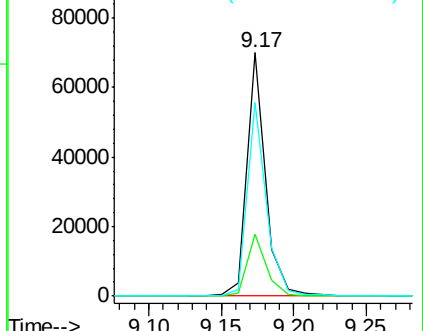
Tgt Ion:	107	Resp:	62123
Ion Ratio	Lower	Upper	
107	100		
144	25.3	18.2	27.2
142	79.5	58.0	87.0

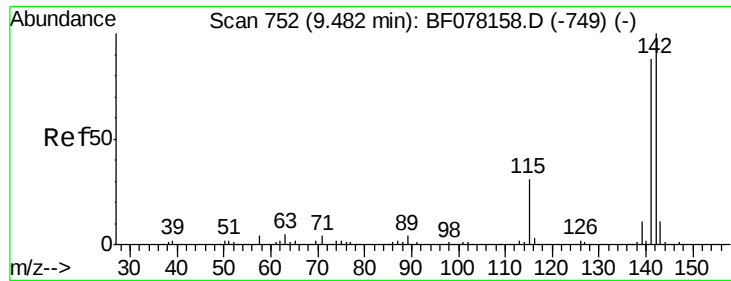


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





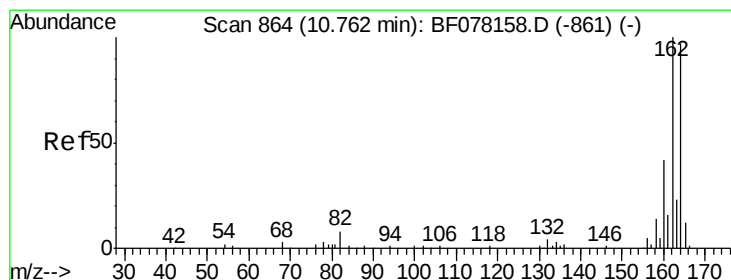
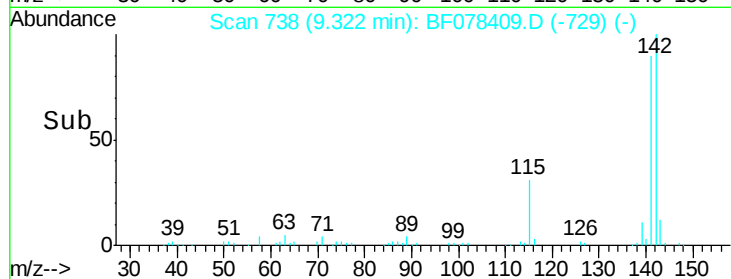
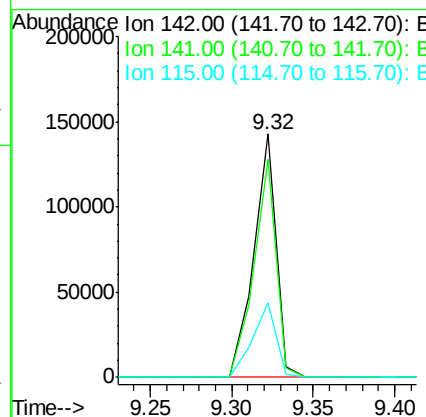
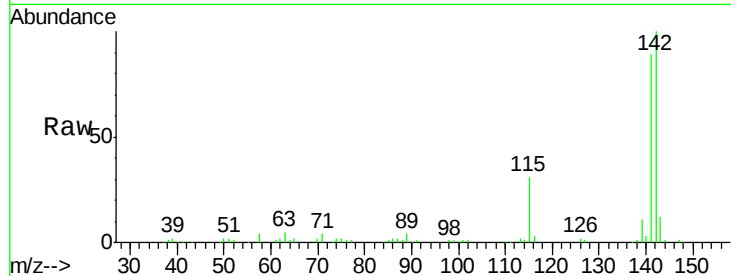
#37
2-Methylnaphthalene
Concen: 30.67 ng
RT: 9.32 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	135558		
141	89.3	70.3	105.5	
115	30.6	24.6	37.0	

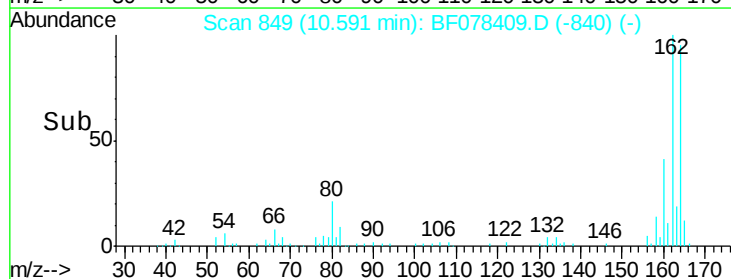
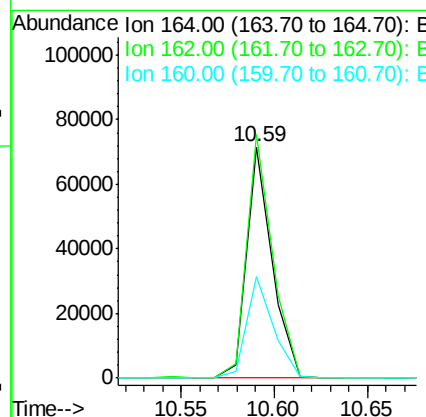
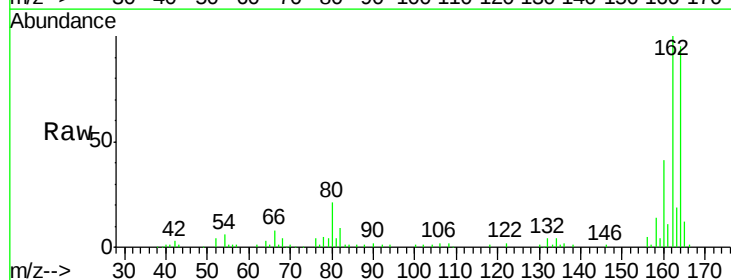
Manual Integrations
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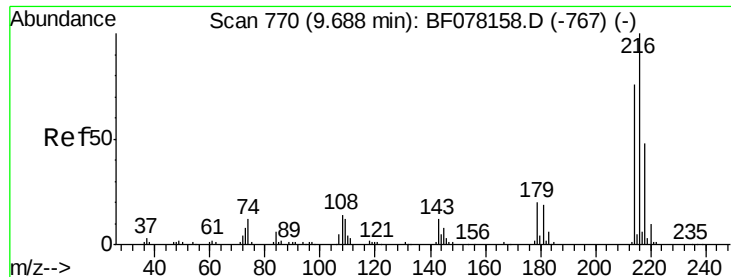
apatel
4/13/2015 4:16:30 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	67859		
162	105.2	82.2	123.2	
160	43.6	34.7	52.1	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.09 ng

RT: 9.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF078409.D

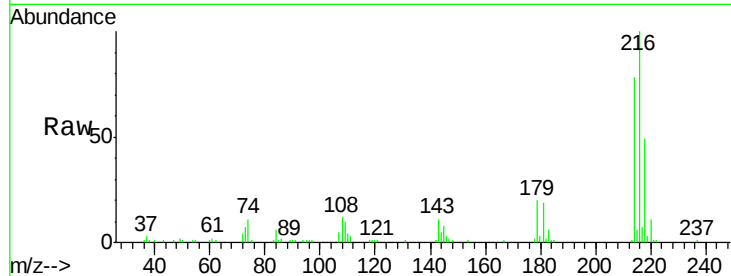
Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS



Tgt Ion:216 Resp: 59072

Ion Ratio Lower Upper

216 100

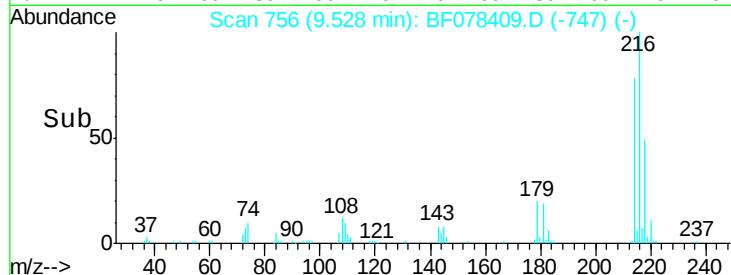
214 78.7 62.0 93.0

179 21.5 17.3 25.9

108 18.5 14.6 21.8

Manual Integrations
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apatel
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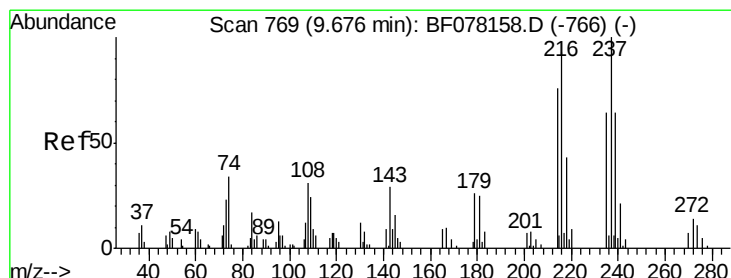
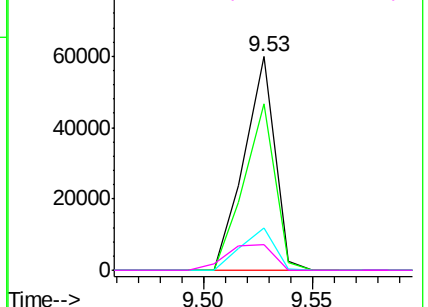


Abundance Ion 216.00 (215.70 to 216.70): E

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: 50.77 ng

RT: 9.50 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

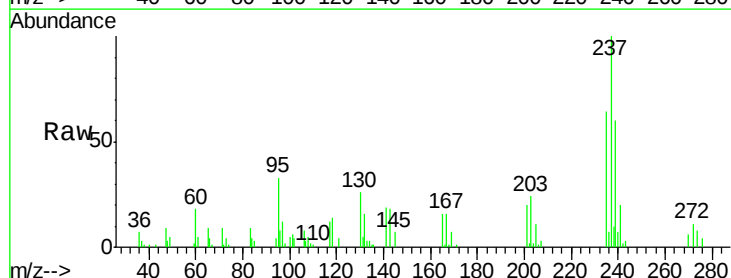
Tgt Ion:237 Resp: 43492

Ion Ratio Lower Upper

237 100

235 64.1 44.1 84.1

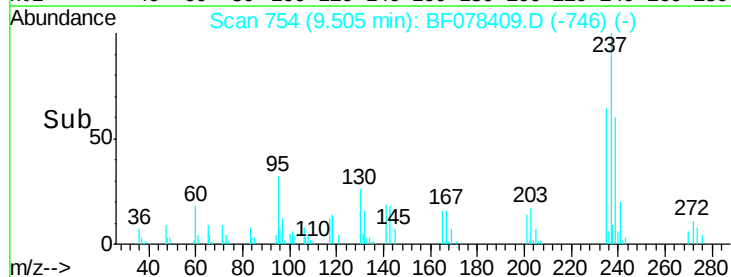
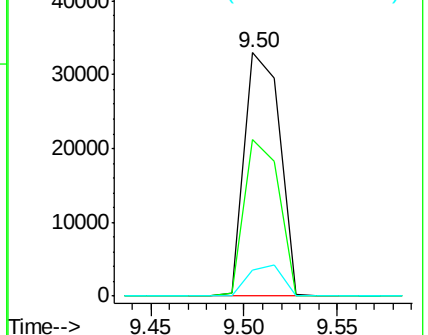
272 10.6 0.0 34.4

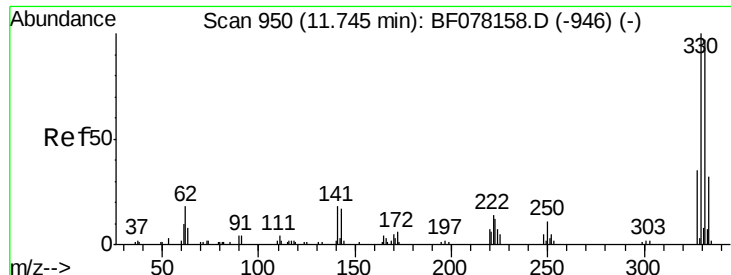


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





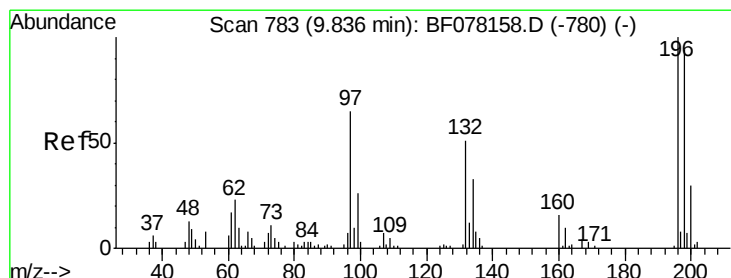
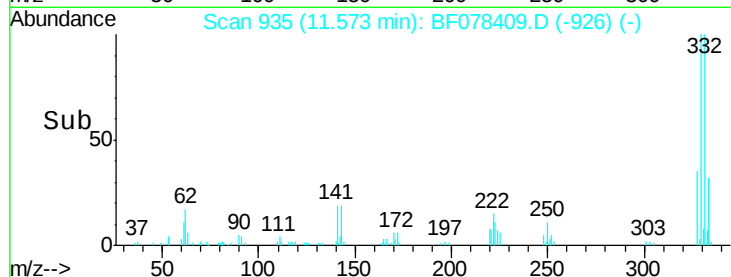
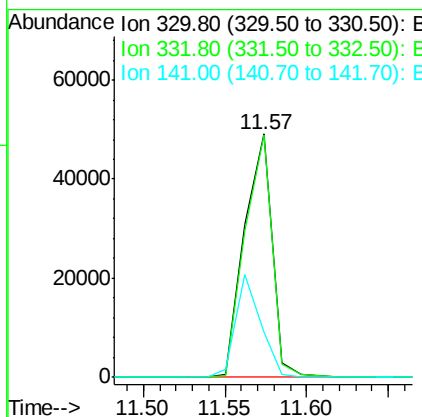
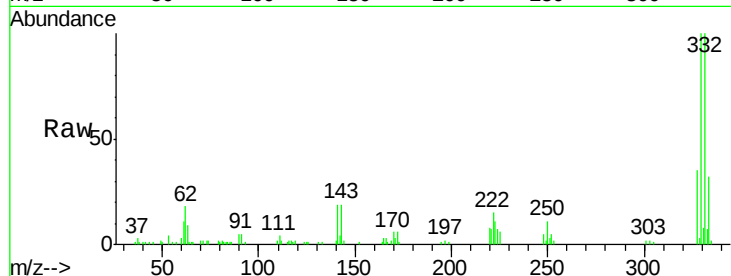
#41
 2,4,6-Tribromophenol
 Concen: 102.97 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	57949		
332	97.4	78.6	117.8	
141	37.9	31.2	46.8	

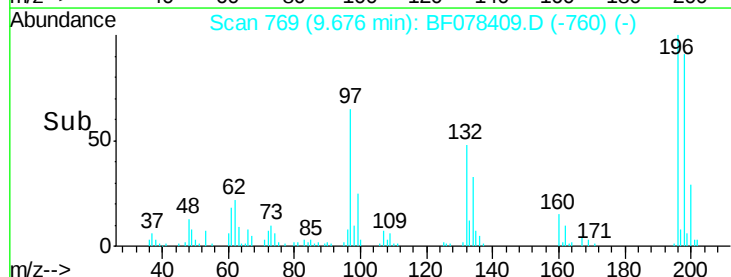
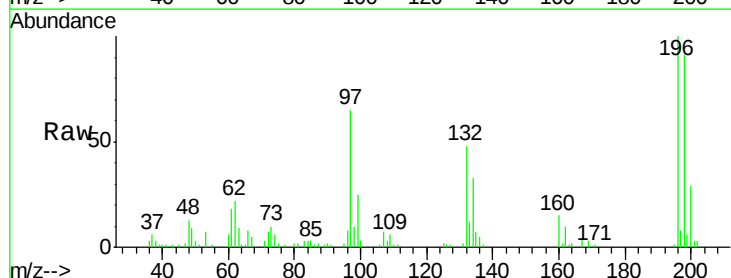
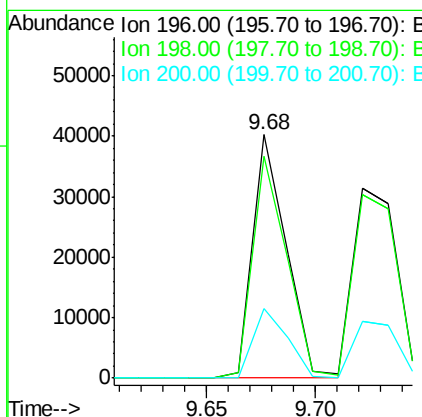
Manual Integrations
 APPROVED

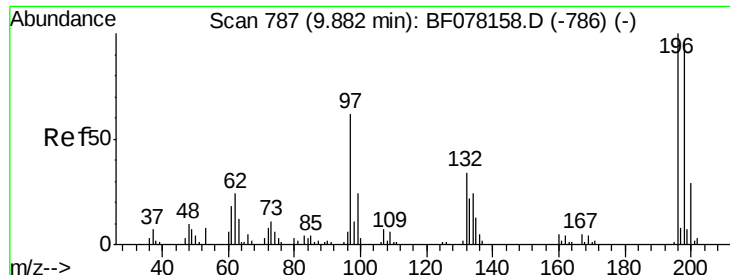
apatel
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#42
 2,4,6-Trichlorophenol
 Concen: 32.65 ng
 RT: 9.68 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	43297		
198	91.2	75.4	113.2	
200	28.6	24.0	36.0	





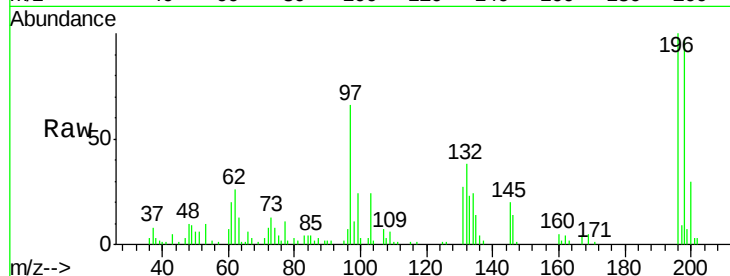
#43
 2,4,5-Trichlorophenol
 Concen: 31.27 ng
 RT: 9.72 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

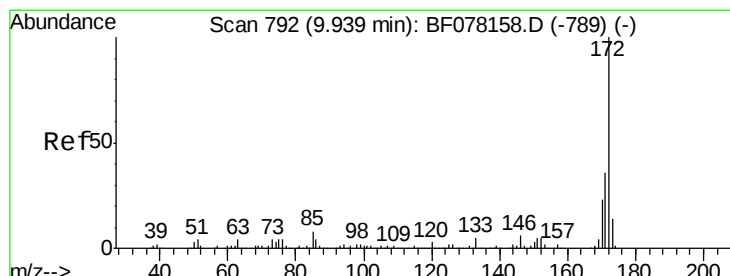
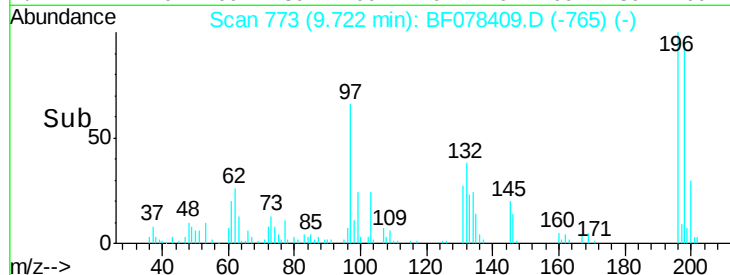
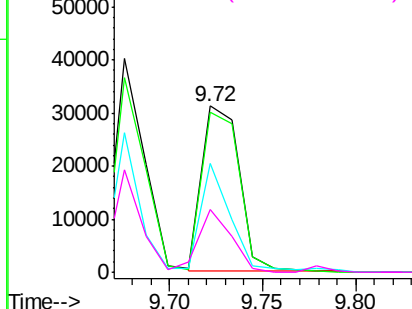
Tgt Ion:	196	Resp:	43326
Ion Ratio	Lower	Upper	
196	100		
198	96.5	76.6	115.0
97	65.7	50.6	75.8
132	38.0	27.7	41.5

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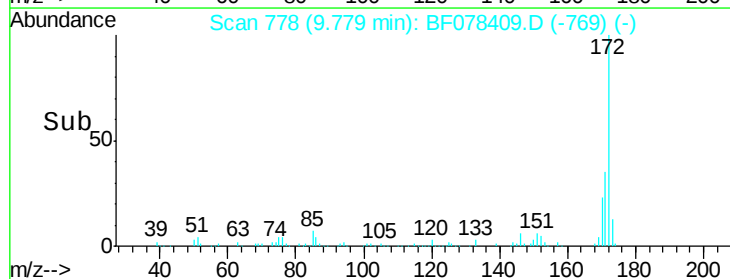
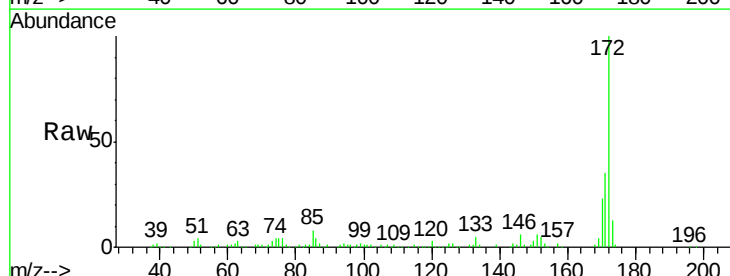
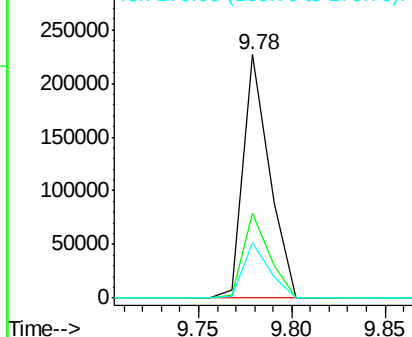
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

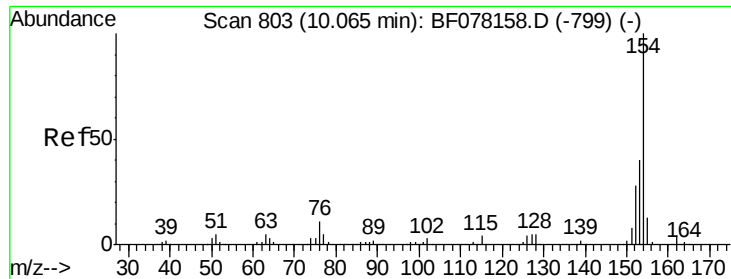


#44
 2-Fluorobiphenyl
 Concen: 46.84 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion:	172	Resp:	222364
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.6	42.8
170	23.0	18.5	27.7

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





#45

1,1'-Biphenyl

Concen: 29.68 ng

RT: 9.90 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF078409.D

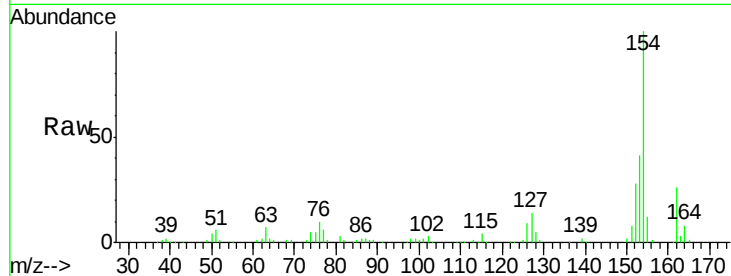
Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

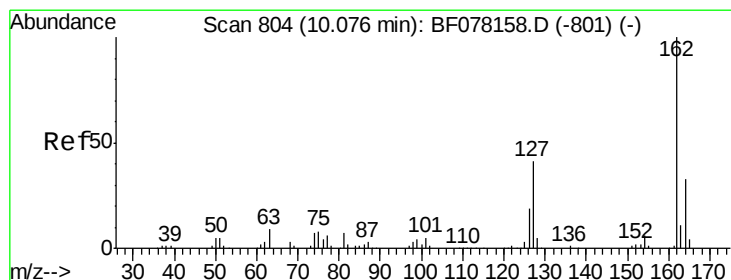
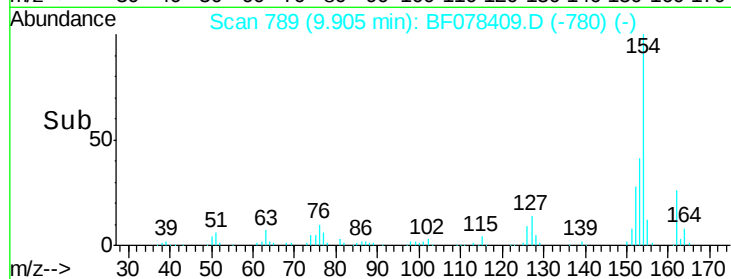
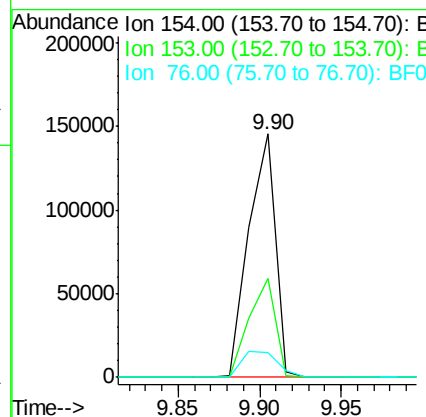
LS-SD08CMS



Tgt Ion:	154	Resp:	164726
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.0	60.0
76	9.9	0.0	30.6

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#46

2-Chloronaphthalene

Concen: 29.74 ng

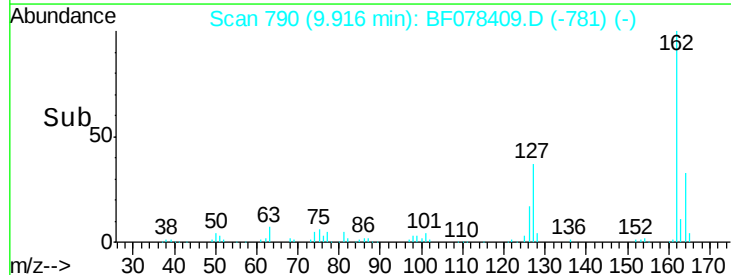
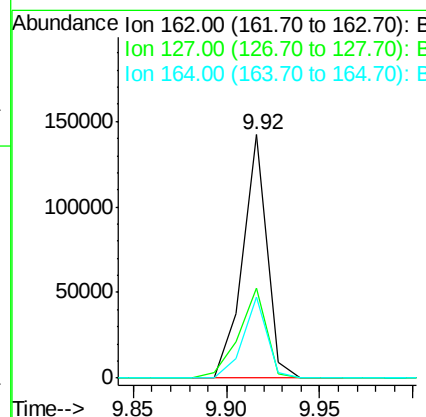
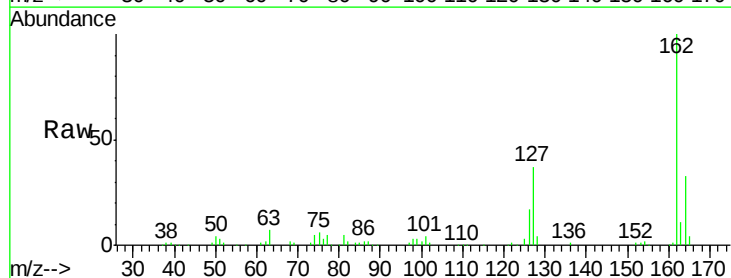
RT: 9.92 min Scan# 790

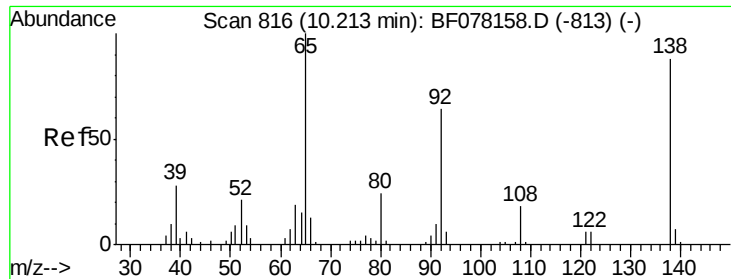
Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion:	162	Resp:	129876
Ion Ratio	Lower	Upper	
162	100		
127	36.8	32.6	49.0
164	33.2	26.0	39.0





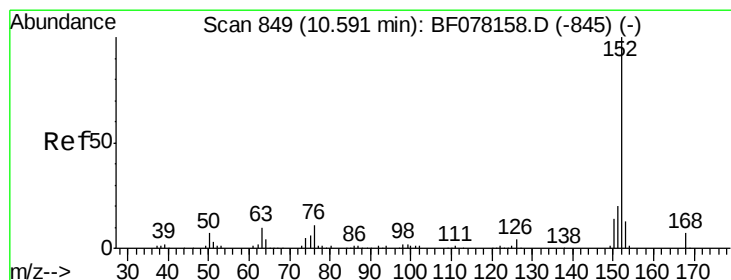
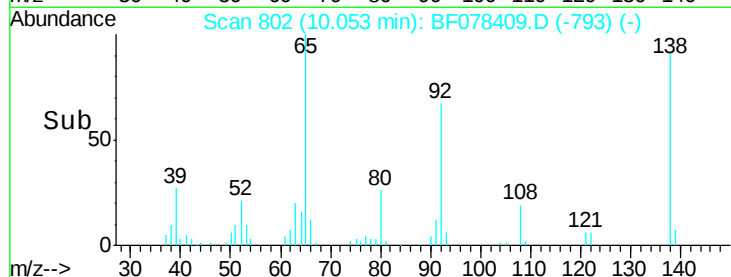
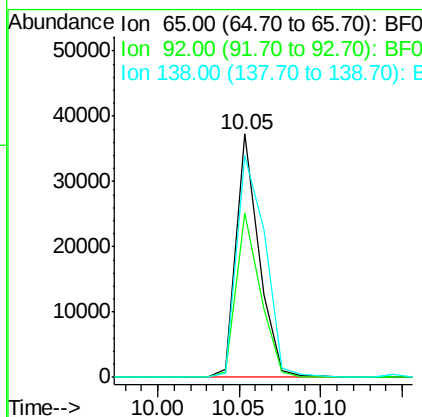
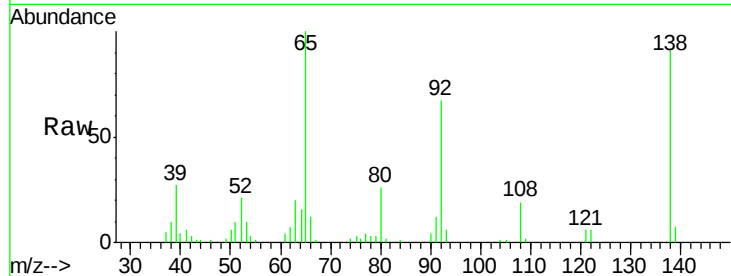
#47
2-Nitroaniline
Concen: 33.65 ng
RT: 10.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	51.3	76.9
138	91.4	70.4	105.6

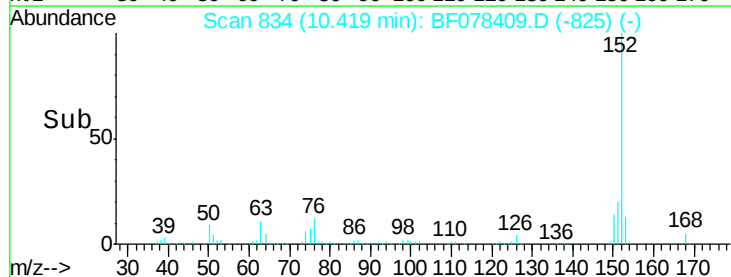
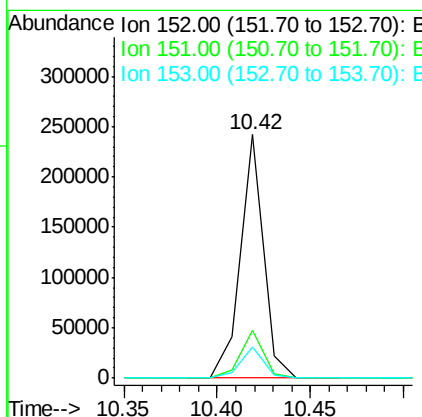
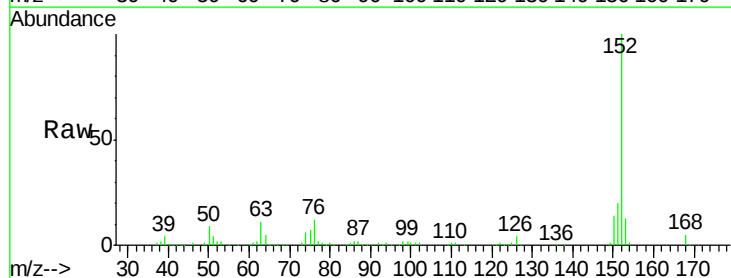
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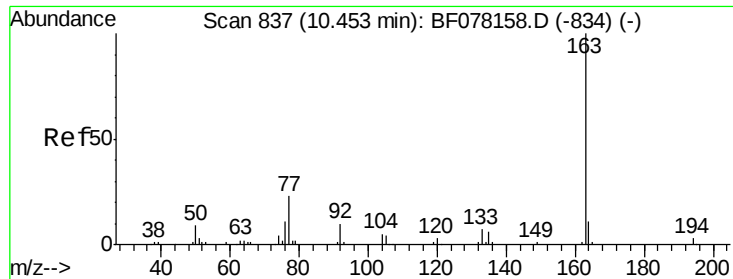
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#48
Acenaphthylene
Concen: 29.70 ng
RT: 10.42 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.0	10.2	15.2





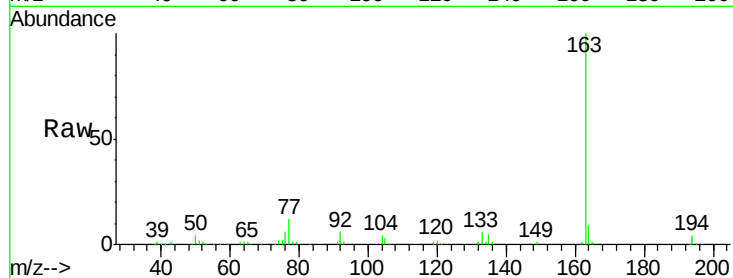
#49
Dimethylphthalate
Concen: 36.51 ng
RT: 10.30 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

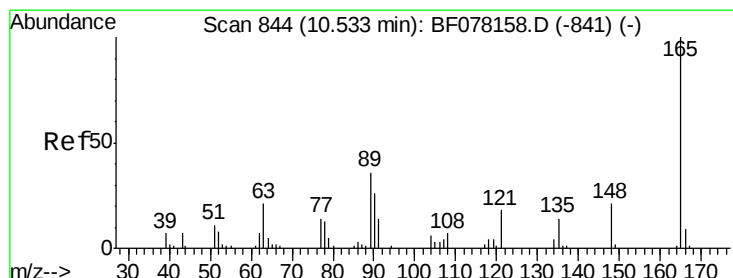
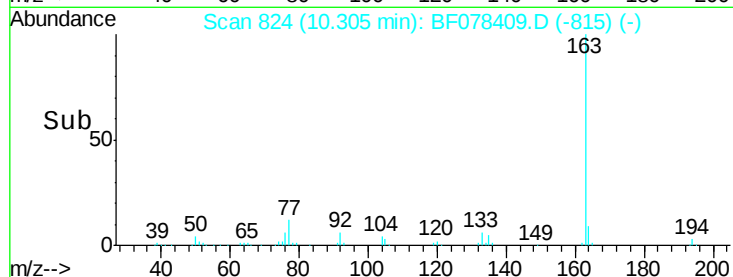
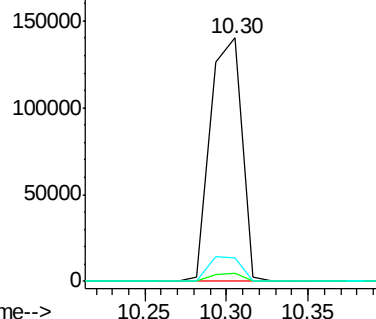
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.3	3.5#
164	9.4	8.6	13.0

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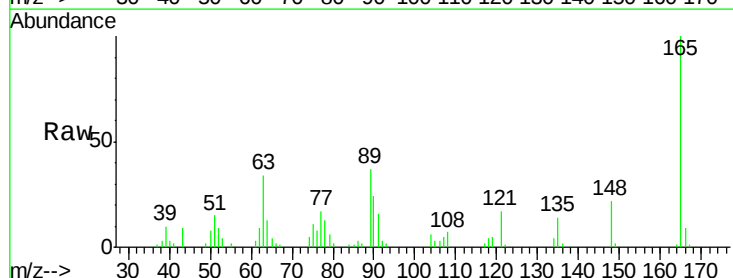


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

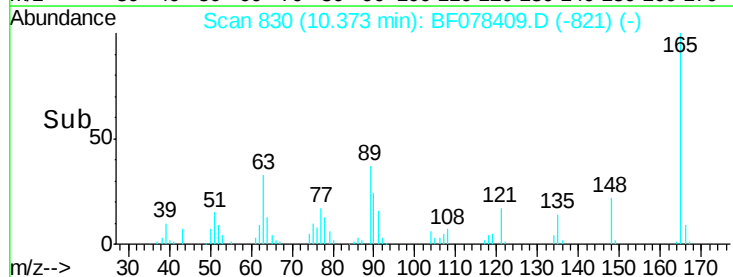
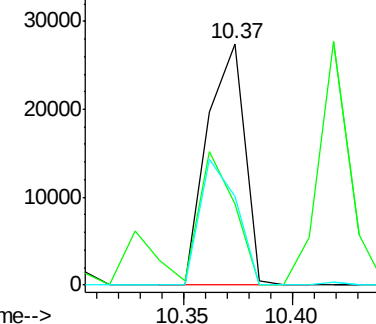


#50
2,6-Dinitrotoluene
Concen: 31.22 ng
RT: 10.37 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	33.7	24.1	36.1
89	37.0	28.9	43.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 30.09 ng

RT: 10.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF078409.D

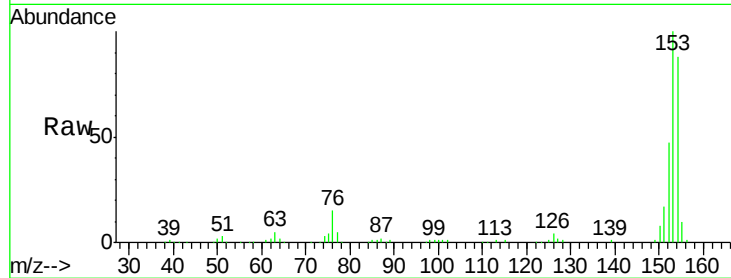
Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

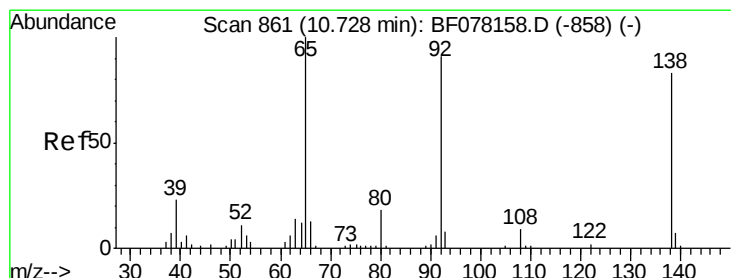
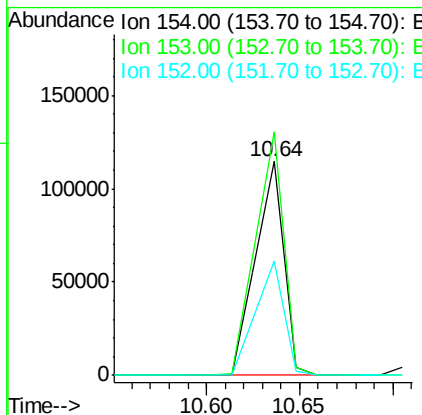
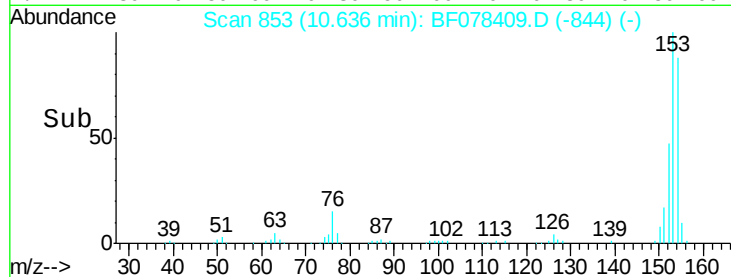
LS-SD08CMS



Tgt Ion:	154	Resp:	119475
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.4	137.2
152	53.7	43.0	64.6

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#52

3-Nitroaniline

Concen: 30.37 ng

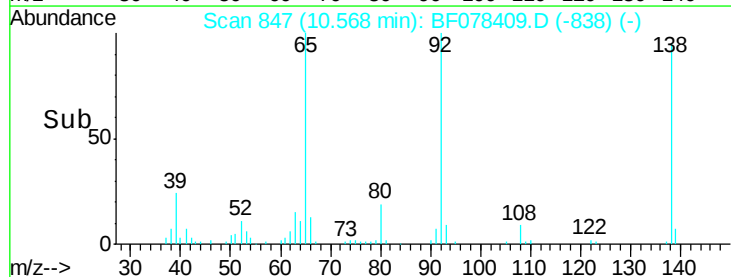
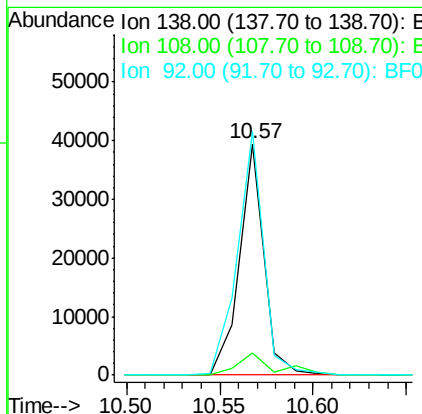
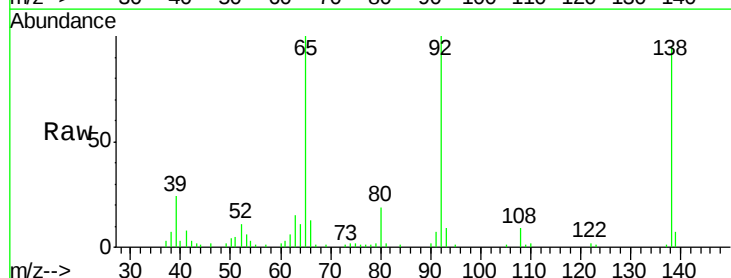
RT: 10.57 min Scan# 847

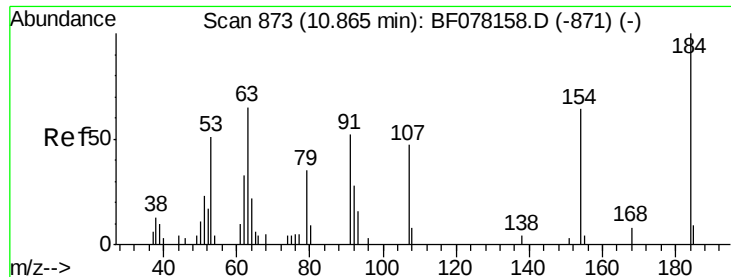
Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion:	138	Resp:	36217
Ion Ratio	Lower	Upper	
138	100		
108	9.6	8.2	12.4
92	105.5	88.4	132.6





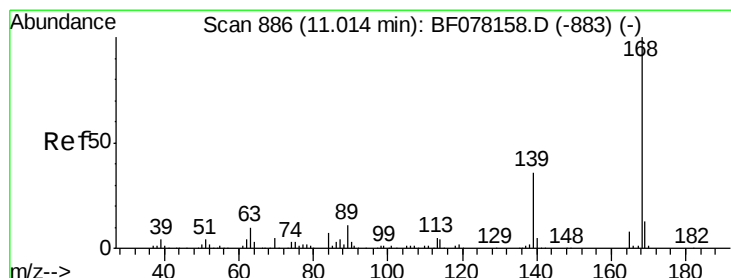
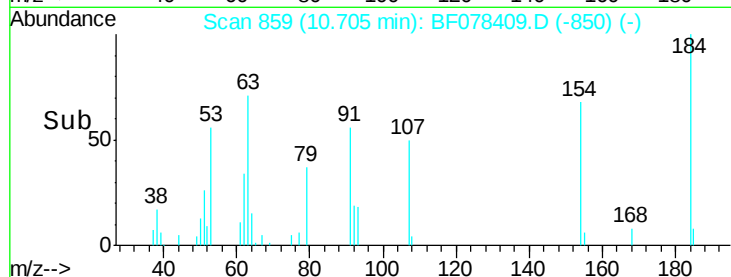
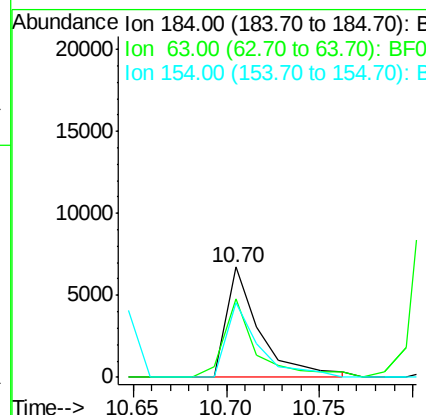
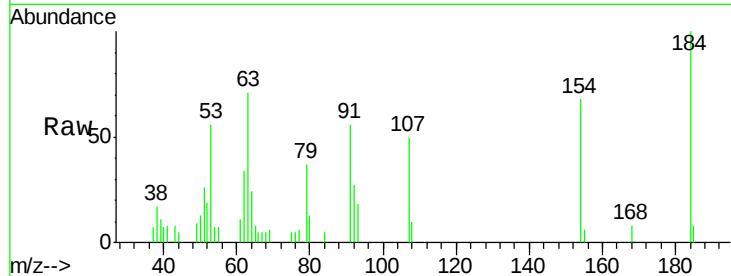
#53
 2,4-Dinitrophenol
 Concen: 32.04 ng
 RT: 10.70 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	8406		
63	70.7	51.9	77.9	
154	68.0	51.0	76.4	

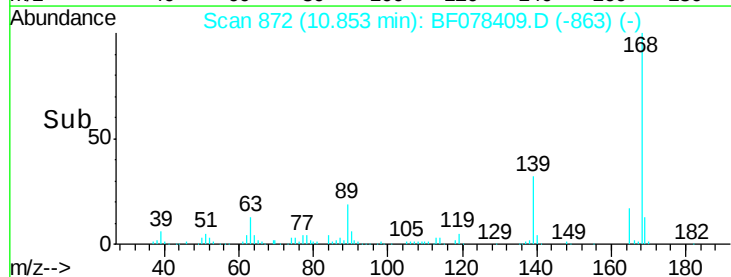
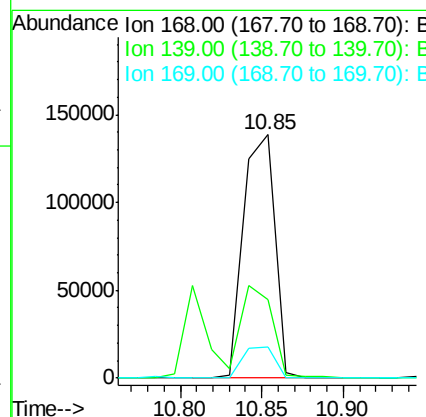
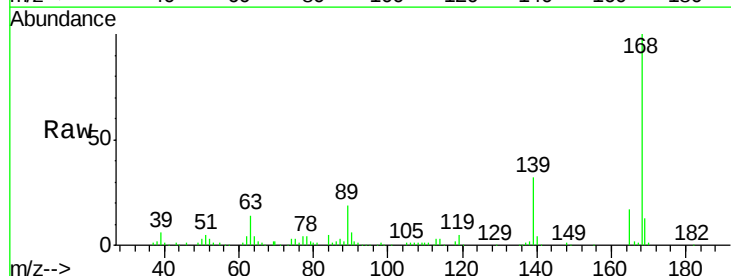
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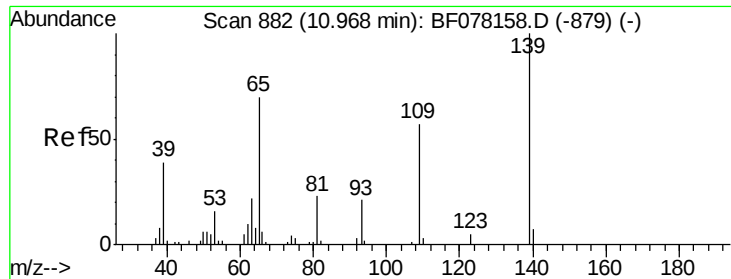
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#54
 Dibenzofuran
 Concen: 30.45 ng
 RT: 10.85 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	184681		
139	32.4	31.0	46.4	
169	12.6	10.7	16.1	





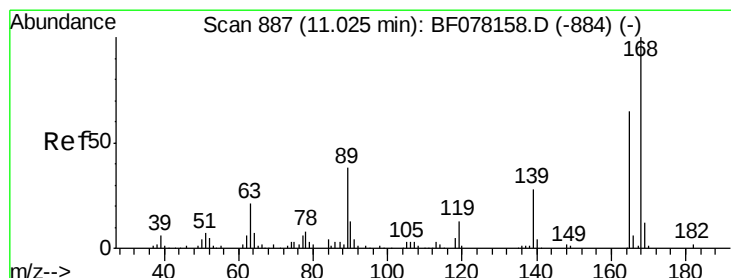
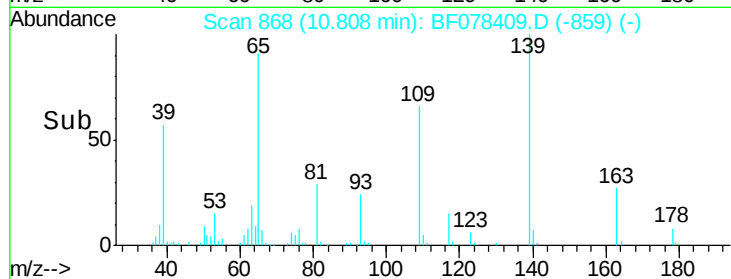
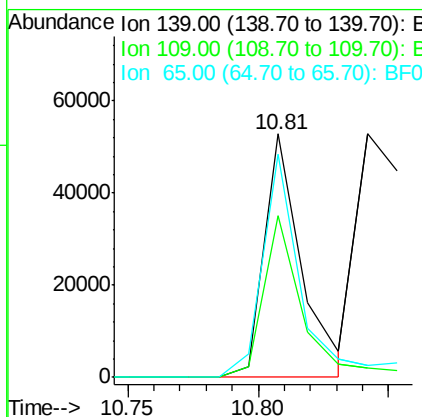
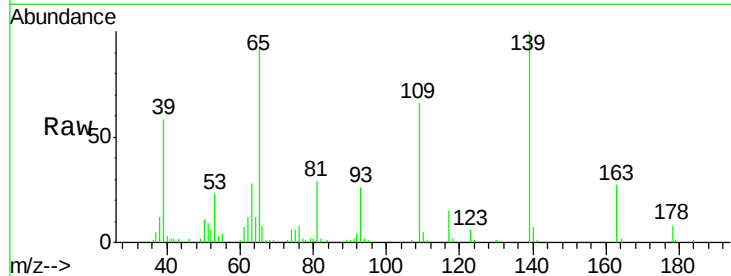
#55
4-Nitrophenol
Concen: 60.80 ng
RT: 10.81 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	52792		
109	66.3	36.7	76.7	
65	91.9	49.9	89.9	

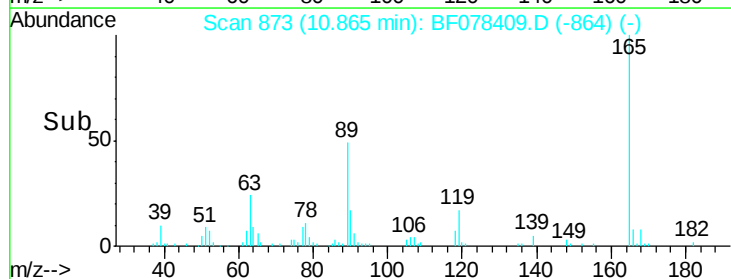
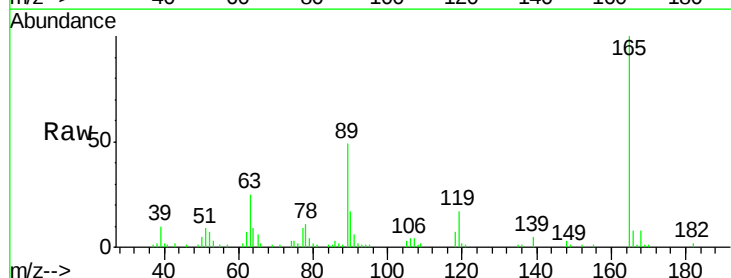
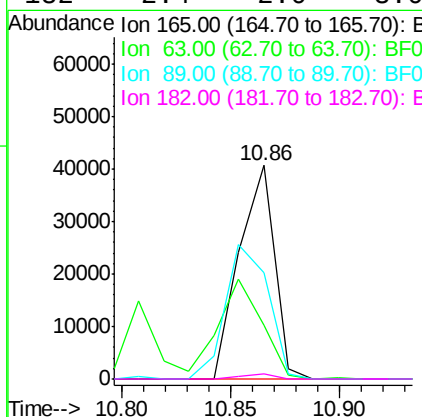
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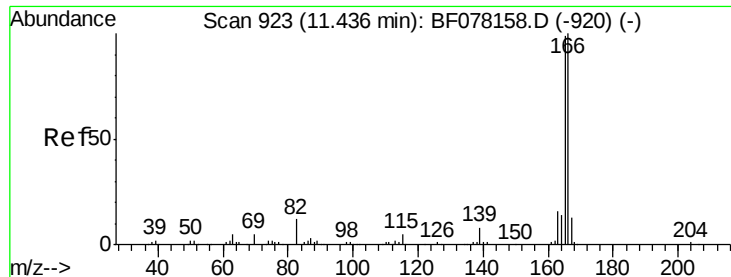
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#56
2,4-Dinitrotoluene
Concen: 33.70 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	45786		
63	24.9	26.5	39.7	
89	49.5	46.4	69.6	
182	2.4	2.0	3.0	





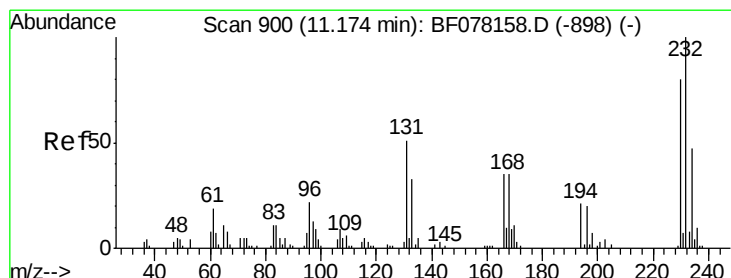
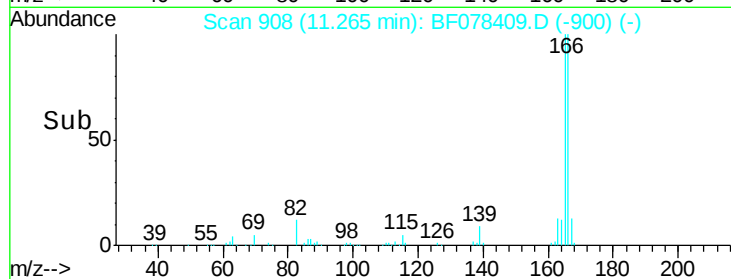
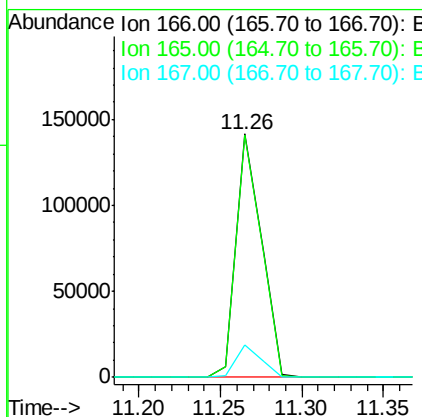
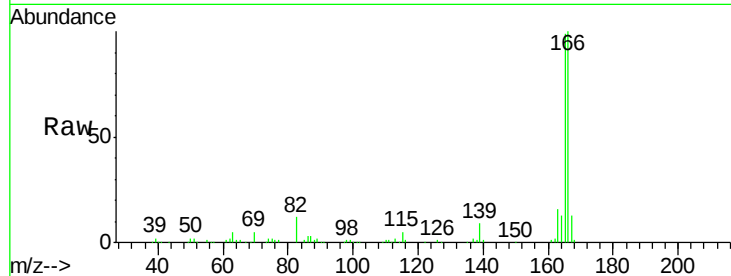
#57
 Fluorene
 Concen: 30.92 ng
 RT: 11.26 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	152006		
165	99.3	78.9	118.3	
167	13.4	10.7	16.1	

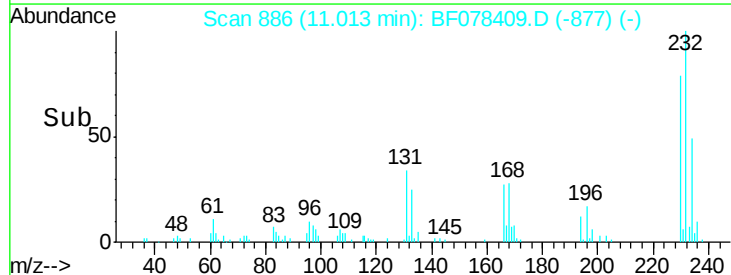
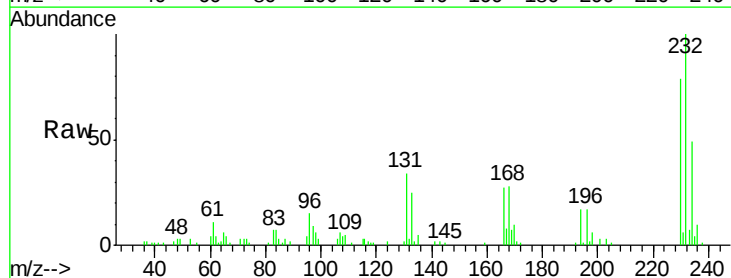
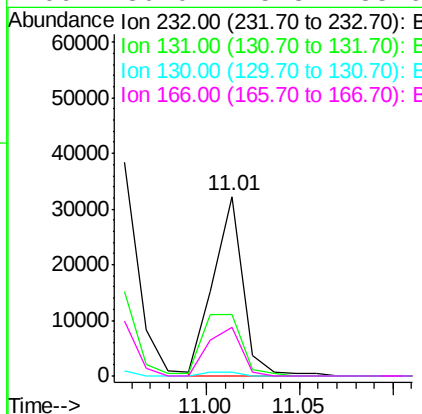
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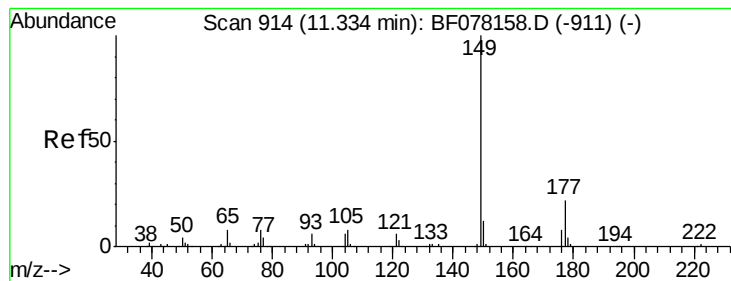
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.20 ng
 RT: 11.01 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	36147		
131	45.8	37.8	56.8	
130	2.4	1.5	2.3#	
166	30.0	25.8	38.6	





#59

Diethylphthalate

Concen: 33.01 ng

RT: 11.17 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

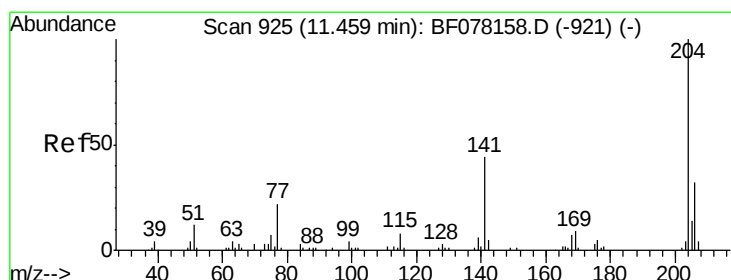
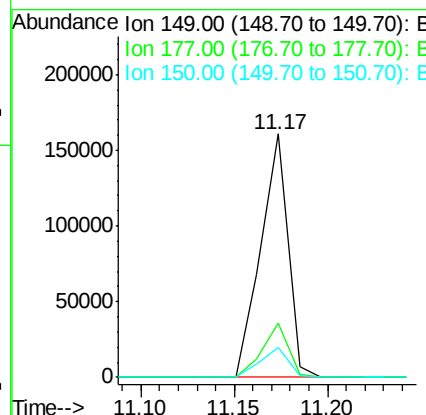
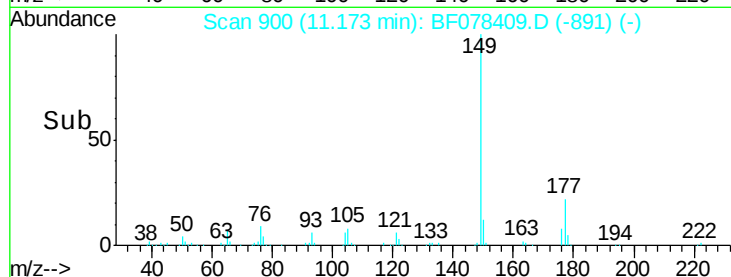
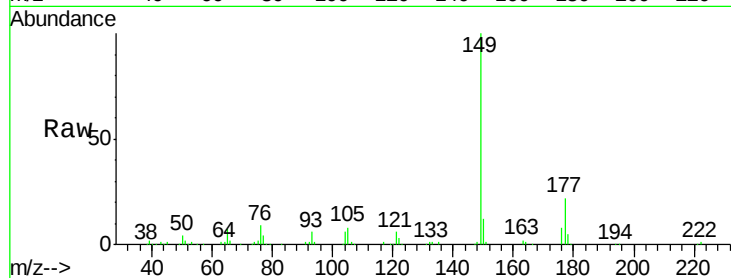
ClientSampleId :

LS-SD08CMS

Tgt Ion:	149	Resp:	162290
Ion Ratio	Lower	Upper	
149	100		
177	22.1	17.4	26.2
150	12.1	9.4	14.2

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#60

4-Chlorophenyl-phenylether

Concen: 32.26 ng

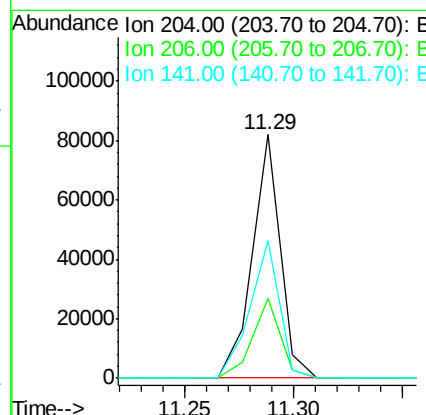
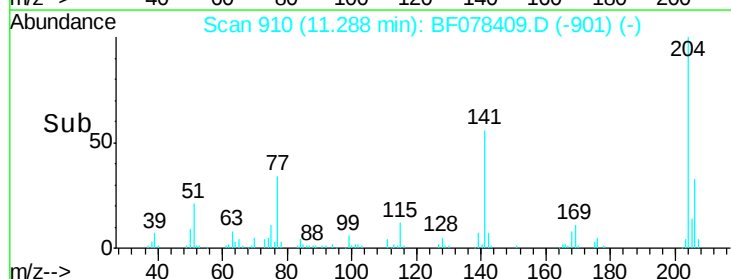
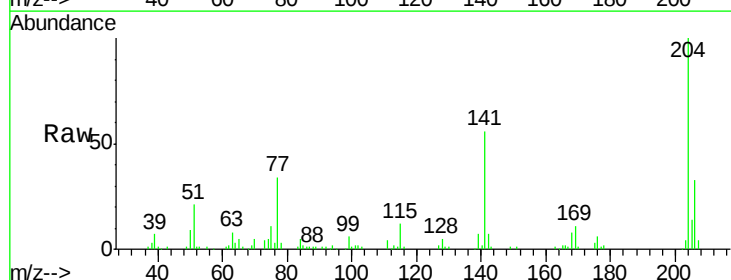
RT: 11.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion:	204	Resp:	72960
Ion Ratio	Lower	Upper	
204	100		
206	32.6	25.6	38.4
141	56.2	35.4	53.0#





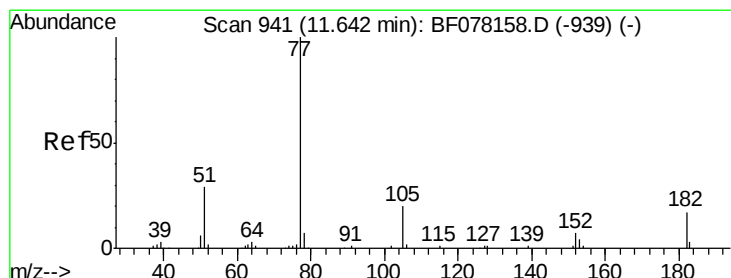
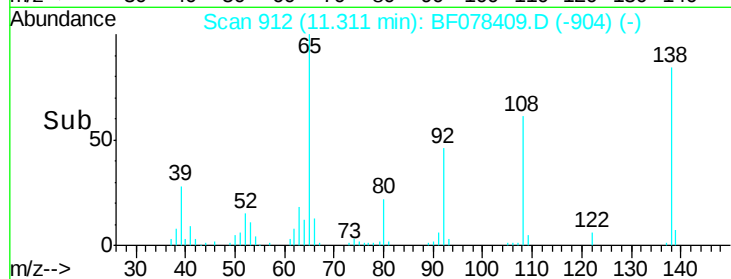
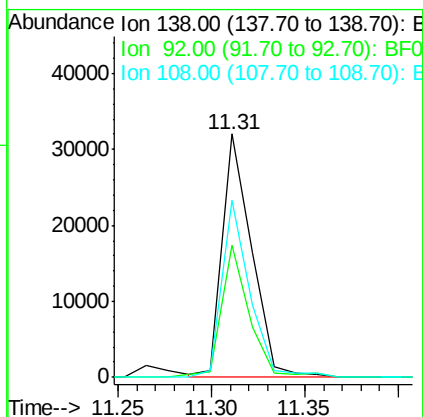
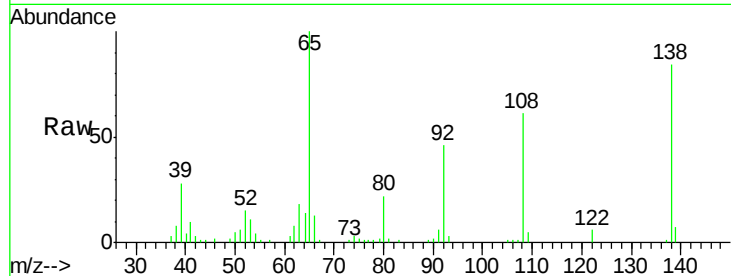
#61
4-Nitroaniline
Concen: 29.48 ng
RT: 11.31 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.6	27.3	67.3
108	72.7	47.2	87.2

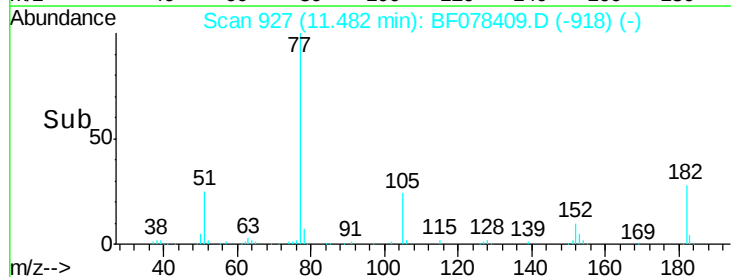
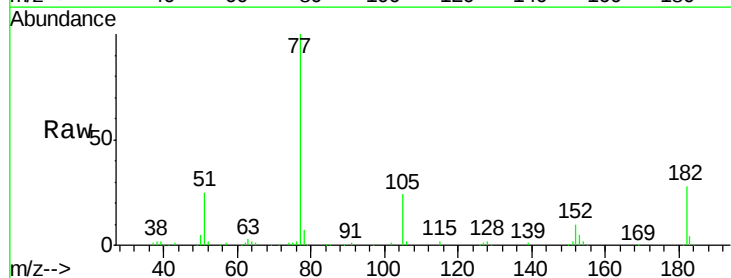
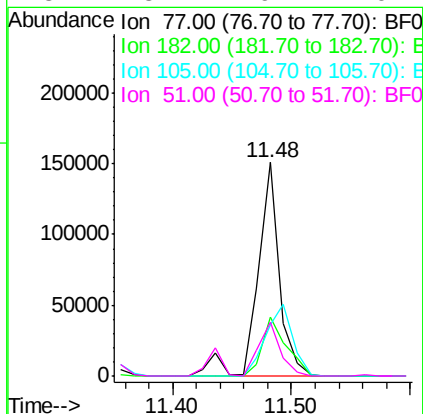
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#62
Azobenzene
Concen: 43.12 ng
RT: 11.48 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.5	0.0	36.8
105	24.0	0.3	40.3
51	25.2	9.1	49.1





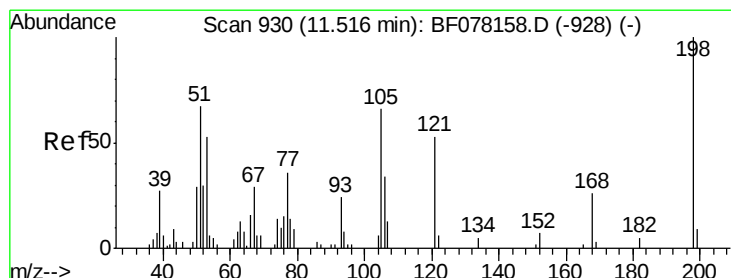
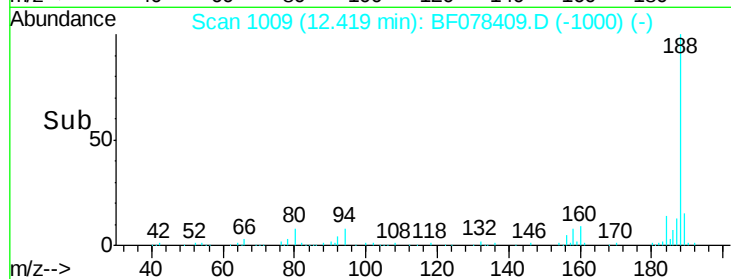
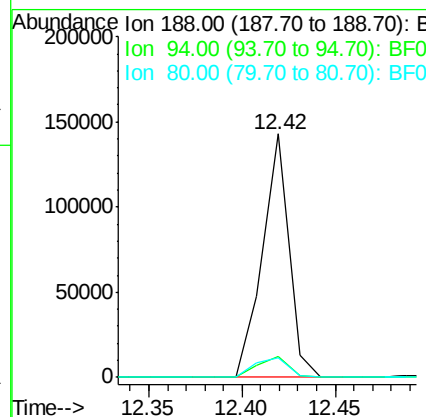
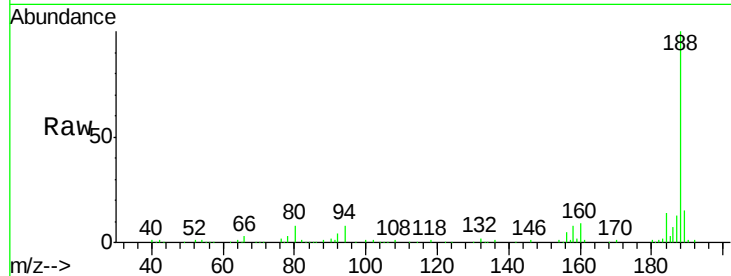
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.5	9.0	13.4#
80	8.3	9.5	14.3#

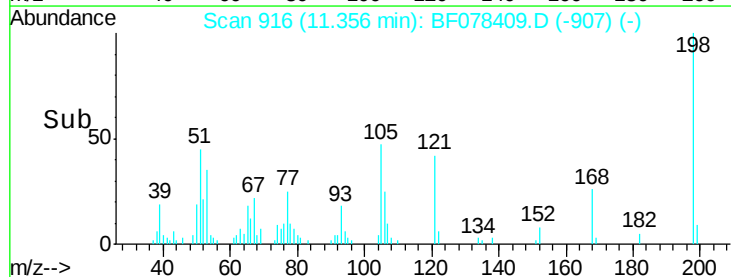
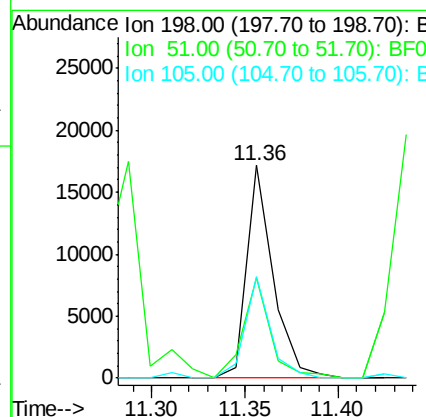
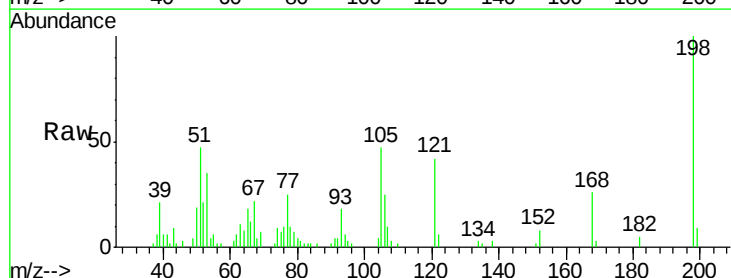
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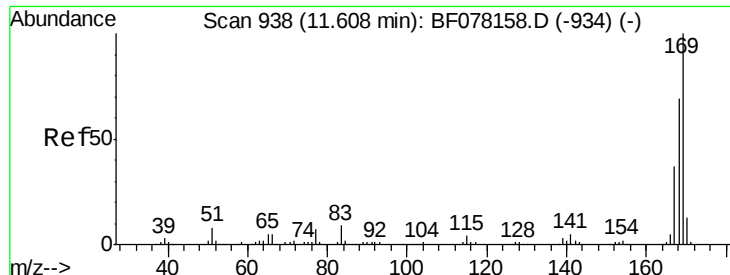
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#64
4,6-Dinitro-2-methylphenol
Concen: 28.59 ng
RT: 11.36 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	47.4	48.6	88.6#
105	47.5	45.8	85.8





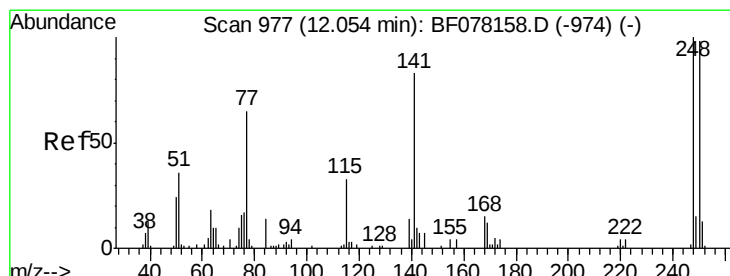
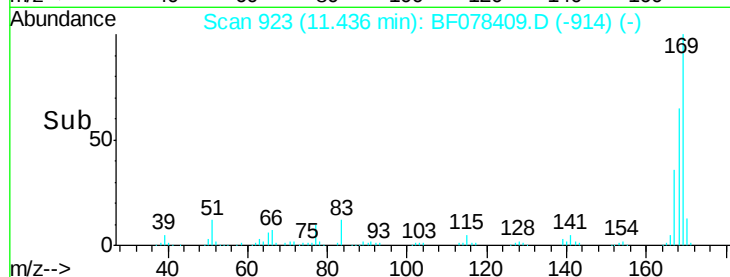
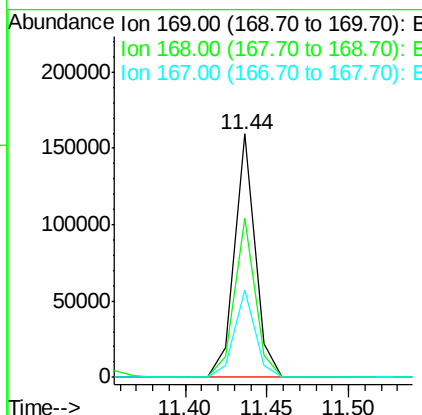
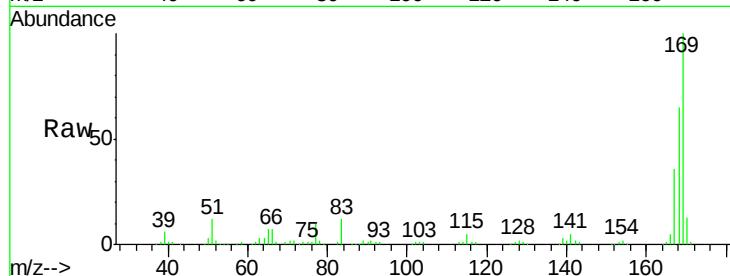
#65
 n-Nitrosodiphenylamine
 Concen: 28.73 ng
 RT: 11.44 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	139074		
168	65.3	55.0	82.4	
167	35.9	29.3	43.9	

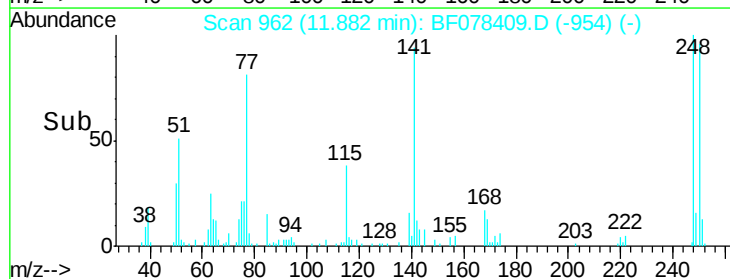
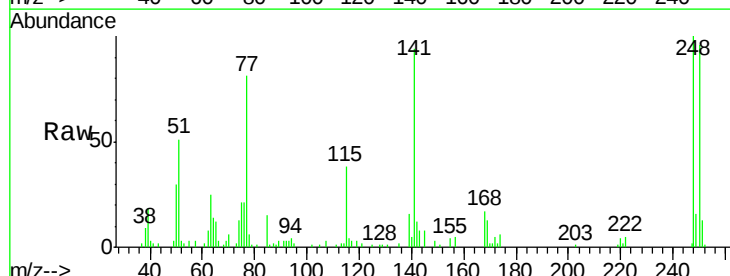
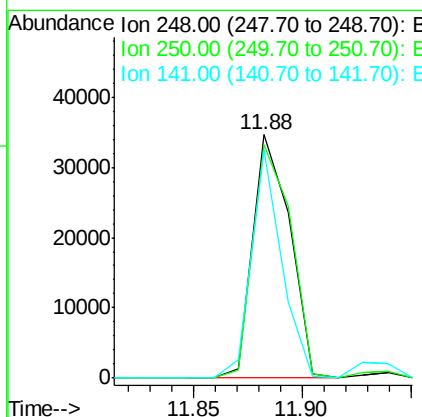
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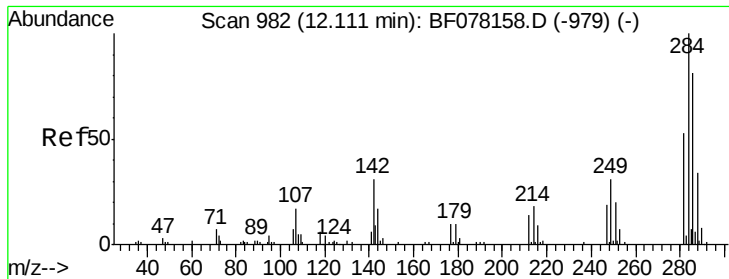
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#66
 4-Bromophenyl-phenylether
 Concen: 27.81 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	41212		
250	96.0	78.2	117.2	
141	93.6	66.4	99.6	





#67

Hexachlorobenzene

Concen: 28.03 ng

RT: 11.94 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF078409.D

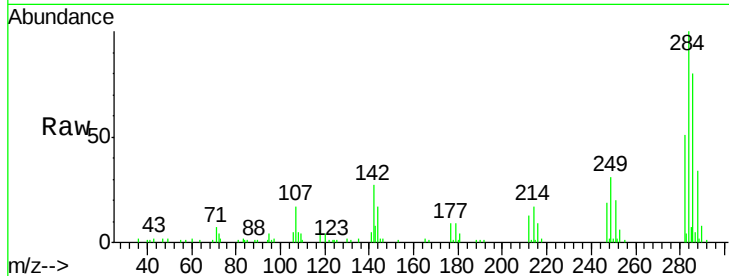
Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

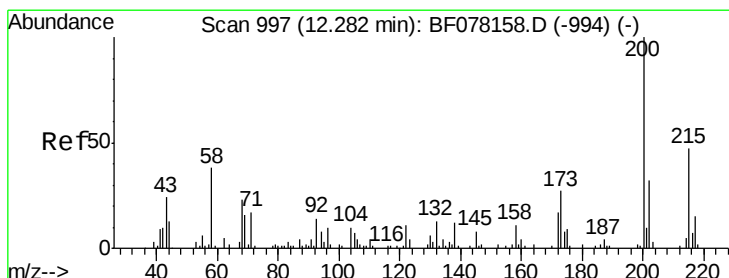
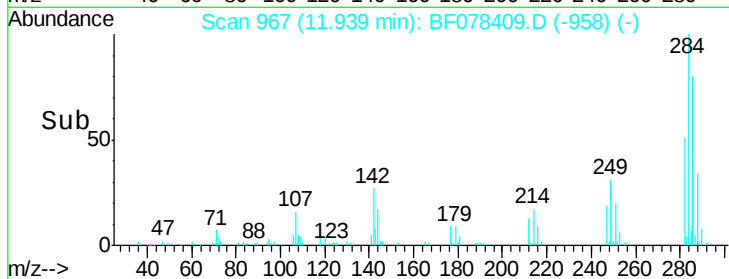
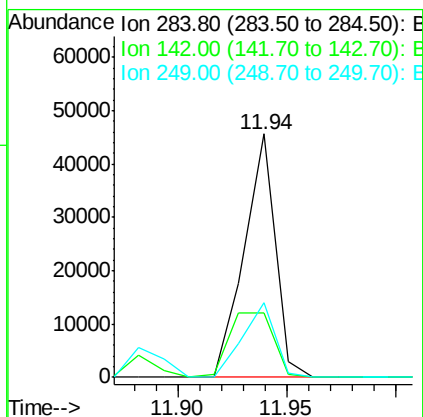
LS-SD08CMS



Tgt Ion:	284	Resp:	45515
Ion Ratio	Lower	Upper	
284	100		
142	26.5	24.5	36.7
249	30.9	24.8	37.2

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#68

Atrazine

Concen: 33.97 ng

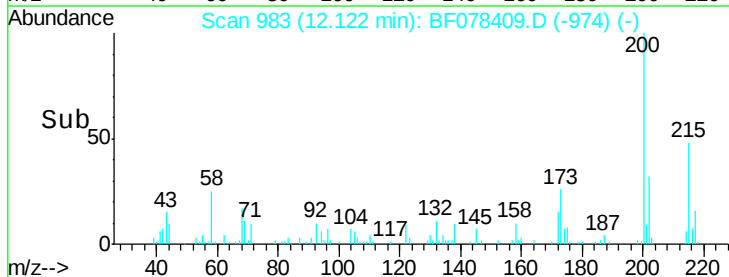
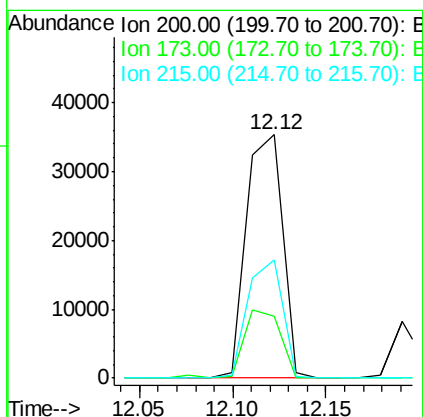
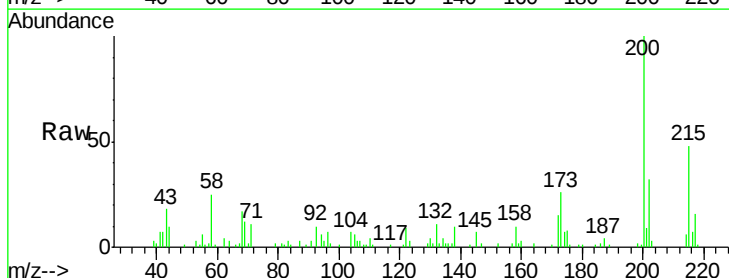
RT: 12.12 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion:	200	Resp:	47618
Ion Ratio	Lower	Upper	
200	100		
173	25.6	6.9	46.9
215	48.4	27.1	67.1





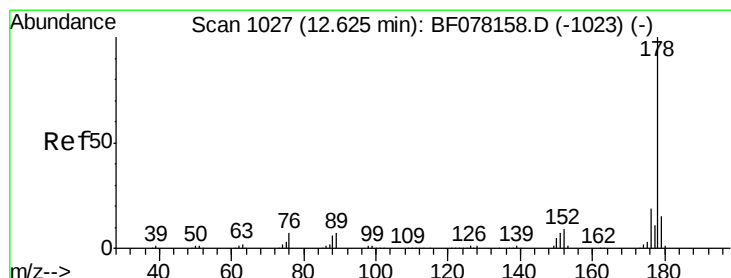
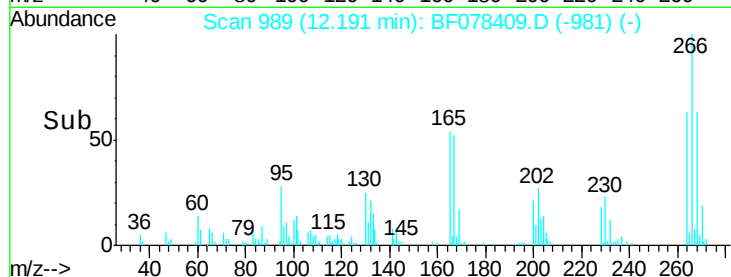
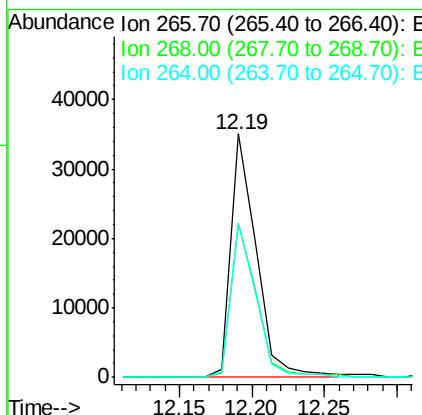
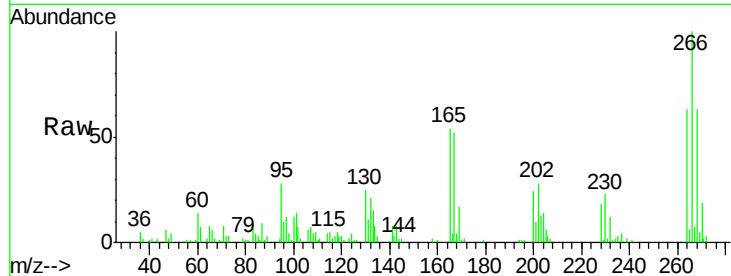
#69
 Pentachlorophenol
 Concen: 61.31 ng
 RT: 12.19 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	42701		
268	63.1	50.1	75.1	
264	63.2	50.0	75.0	

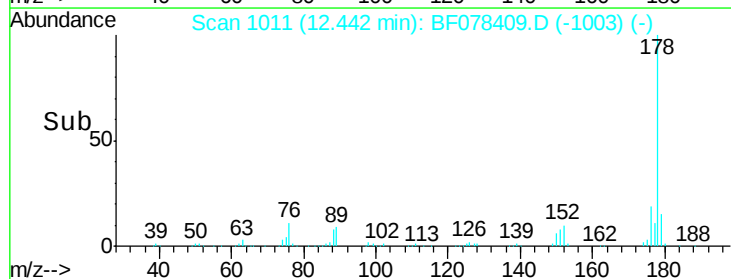
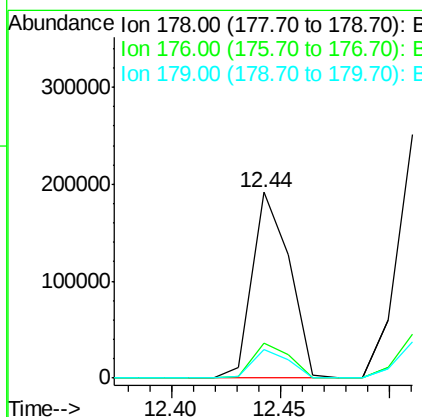
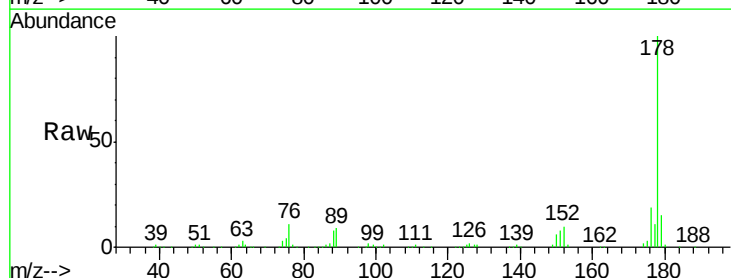
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#70
 Phenanthrene
 Concen: 28.20 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	228218		
176	18.6	15.4	23.0	
179	15.2	12.2	18.2	





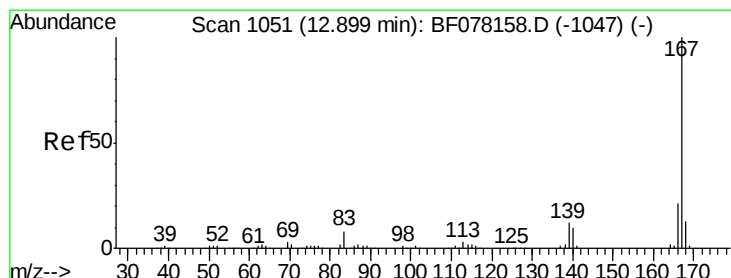
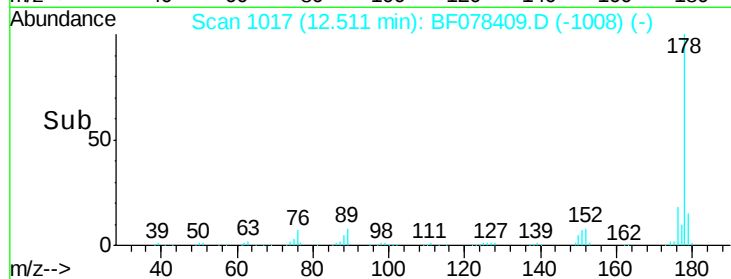
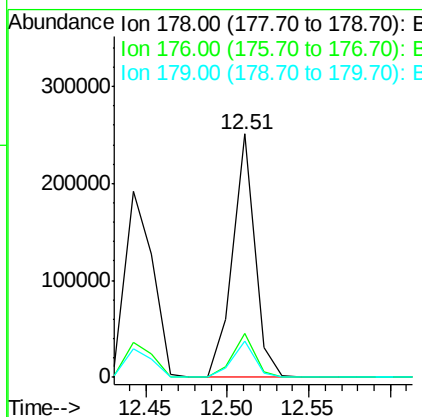
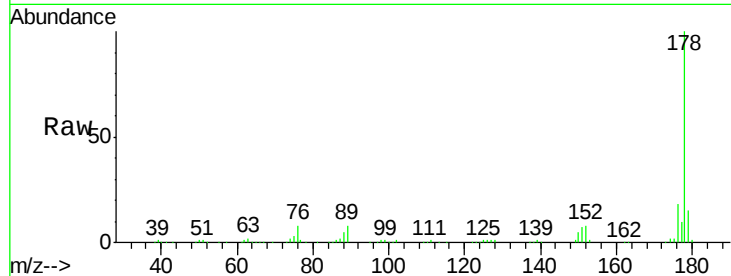
#71
 Anthracene
 Concen: 29.44 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	234831		
176	18.2	14.8	22.2	
179	15.0	12.4	18.6	

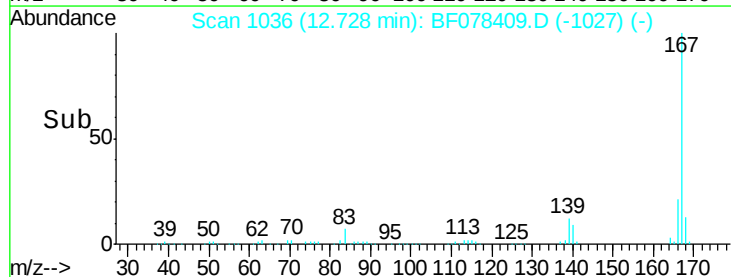
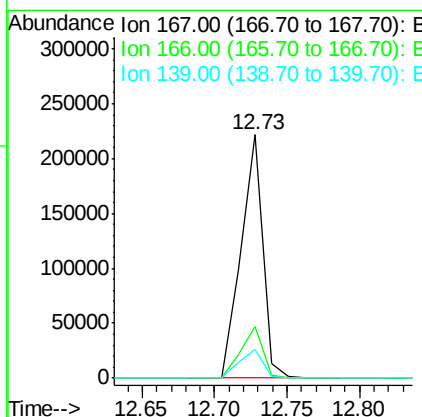
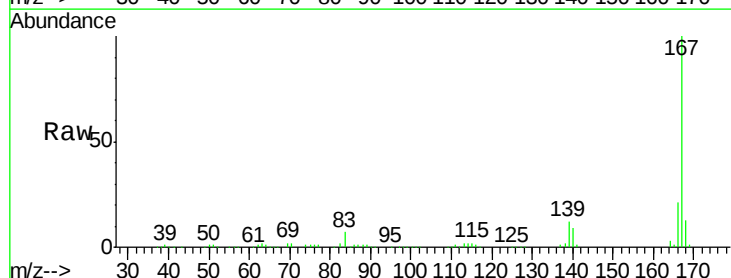
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#72
 Carbazole
 Concen: 31.01 ng
 RT: 12.73 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	231807		
166	21.4	16.8	25.2	
139	11.6	10.0	15.0	





#73

Di-n-butylphthalate

Concen: 33.95 ng

RT: 13.20 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

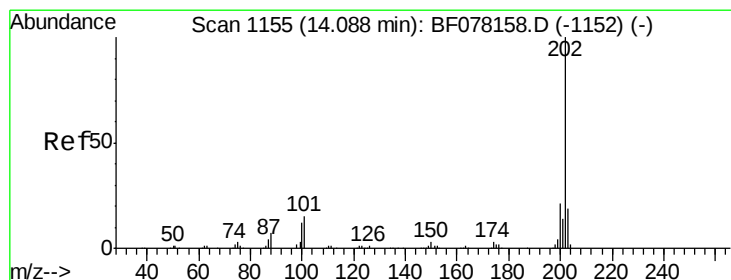
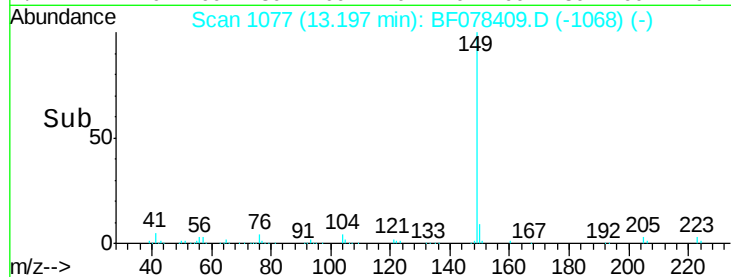
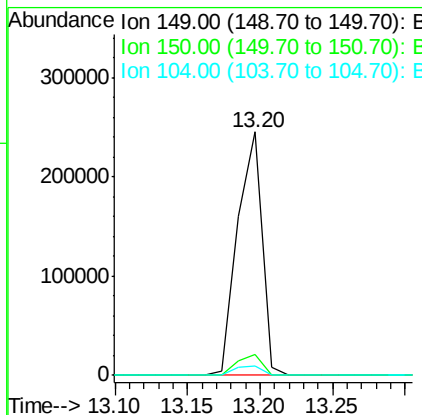
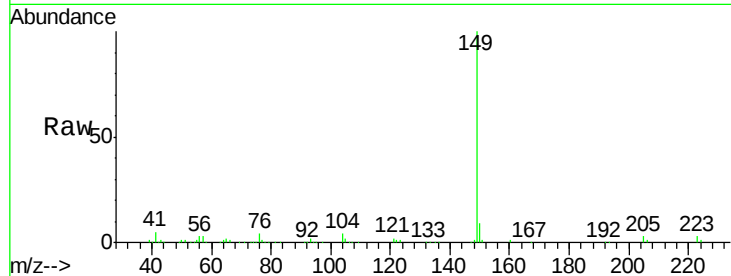
ClientSampleId :

LS-SD08CMS

Tgt Ion:	149	Resp:	287463
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.1	10.7
104	3.9	3.8	5.6

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#74

Fluoranthene

Concen: 31.04 ng

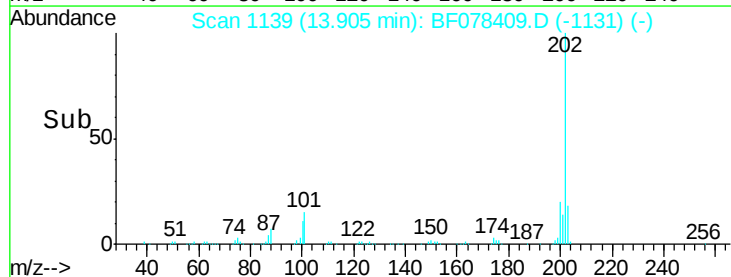
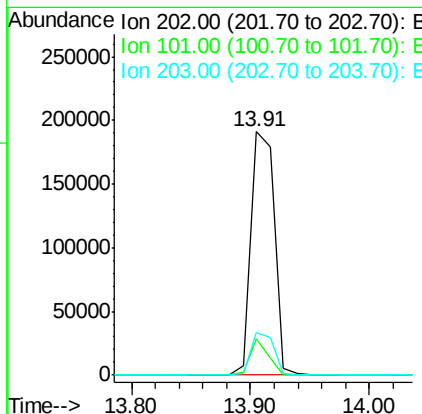
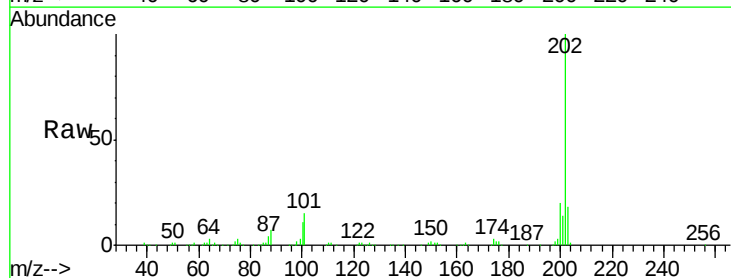
RT: 13.91 min Scan# 1139

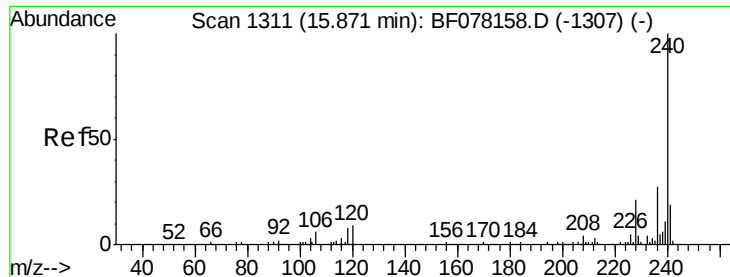
Delta R.T. -0.01 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion:	202	Resp:	264915
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	35.2
203	17.8	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.69 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

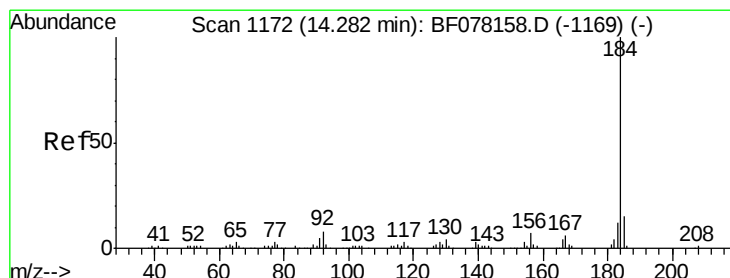
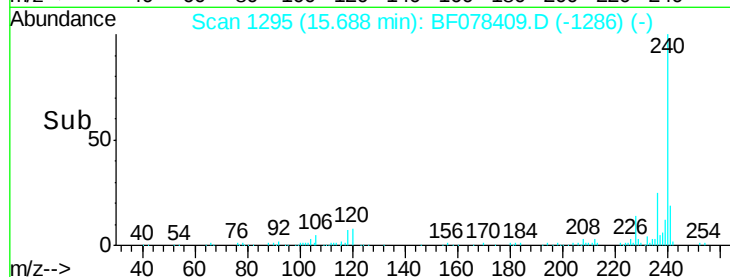
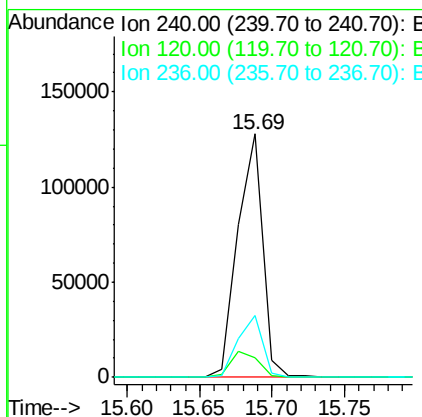
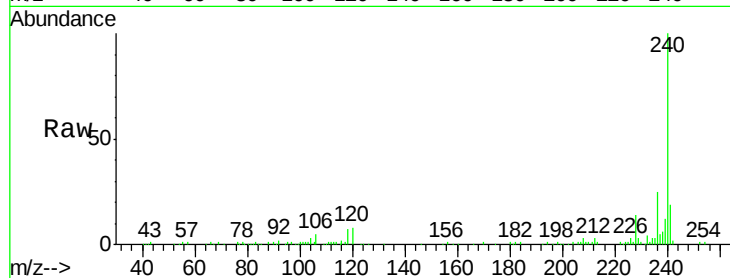
ClientSampleId :

LS-SD08CMS

Tgt Ion:	240	Resp:	153136
Ion Ratio	Lower	Upper	
240	100		
120	8.1	7.1	10.7
236	25.2	21.4	32.2

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#76

Benzidine

Concen: 24.95 ng

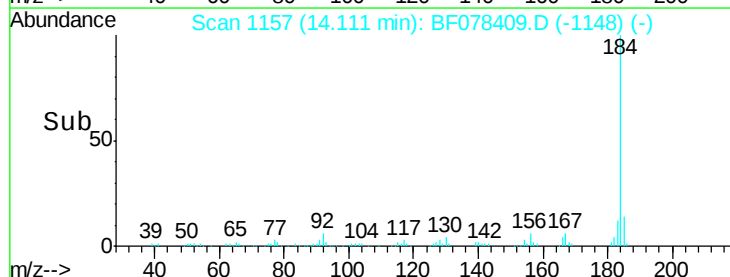
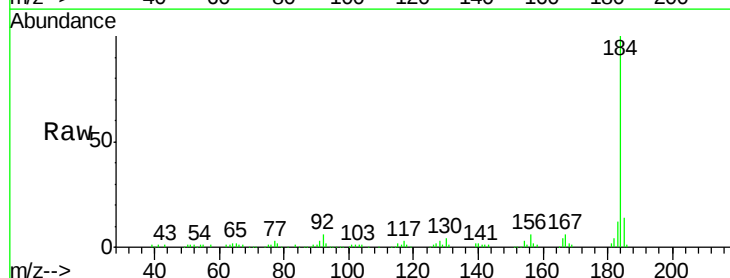
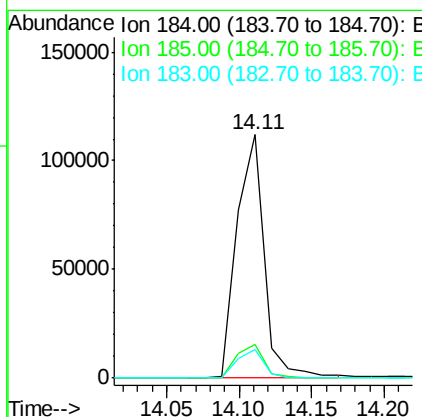
RT: 14.11 min Scan# 1157

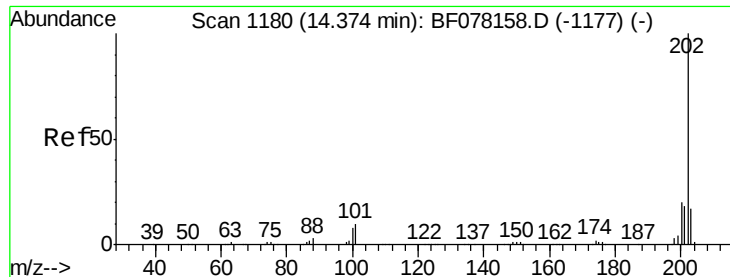
Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion:	184	Resp:	147141
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.2	18.2
183	11.7	9.5	14.3





#77

Pyrene

Concen: 28.78 ng

RT: 14.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

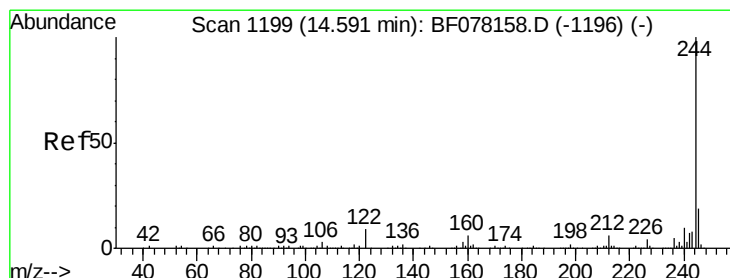
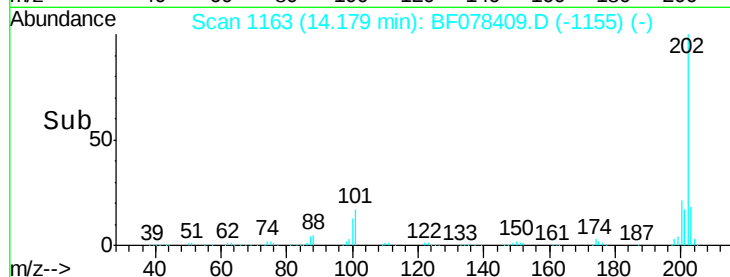
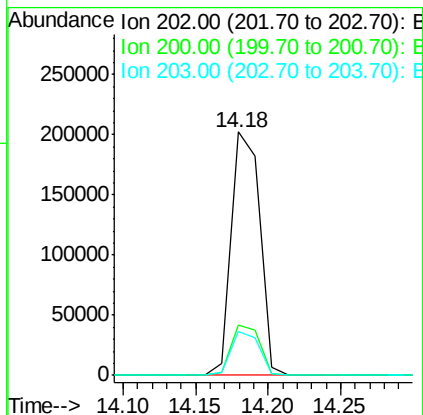
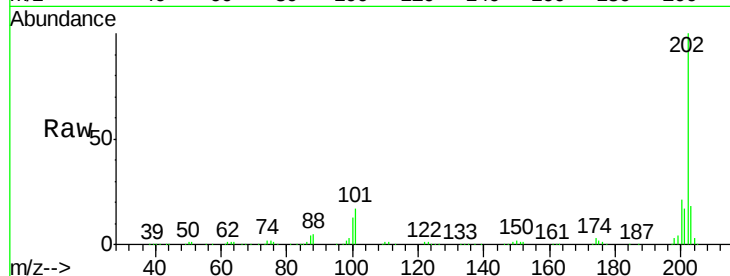
ClientSampleId :

LS-SD08CMS

Tgt Ion:	202	Resp:	276663
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.3	24.5
203	18.1	13.8	20.6

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#78

Terphenyl-d14

Concen: 44.58 ng

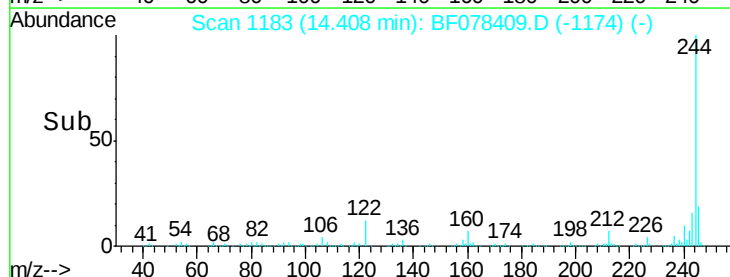
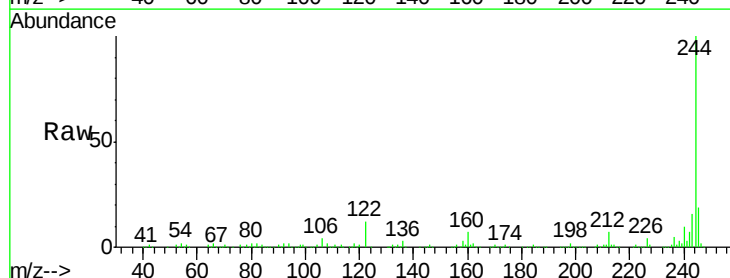
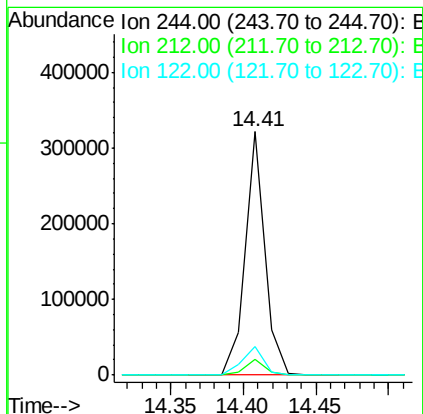
RT: 14.41 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion:	244	Resp:	302083
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.0	7.4
122	11.7	7.1	10.7#





#79

Butylbenzylphthalate

Concen: 35.44 ng

RT: 15.04 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF078409.D

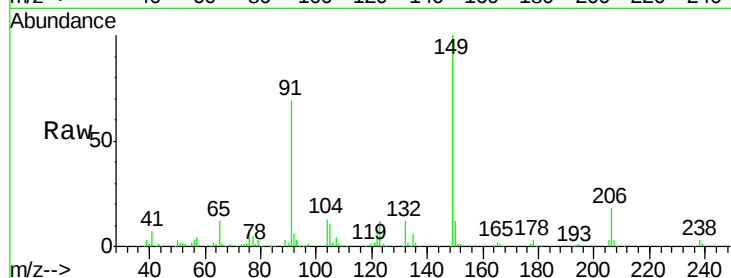
Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

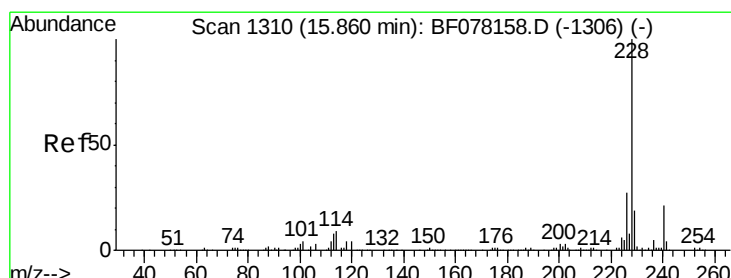
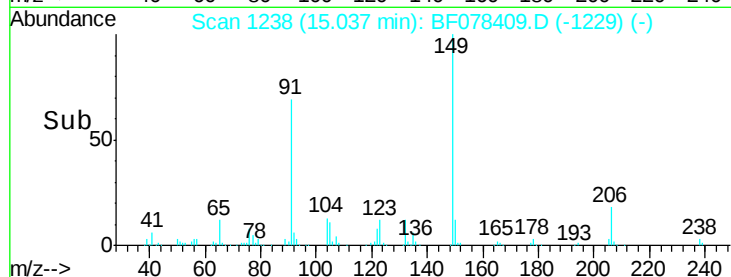
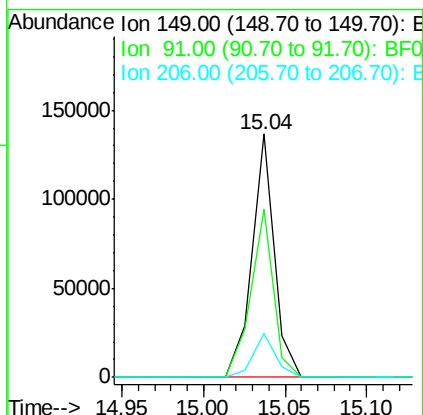
LS-SD08CMS



Tgt Ion:	149	Resp:	129848
Ion Ratio	Lower	Upper	
149	100		
91	69.1	64.2	96.2
206	18.3	12.6	18.8

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#80

Benzo(a)anthracene

Concen: 30.21 ng

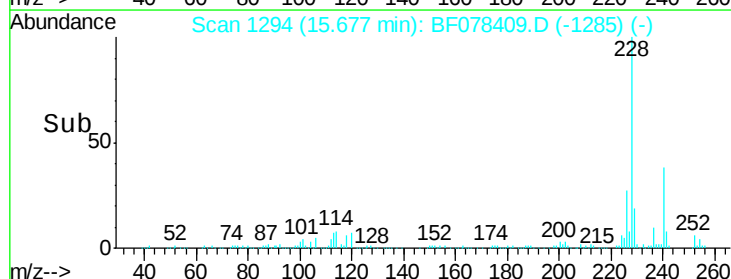
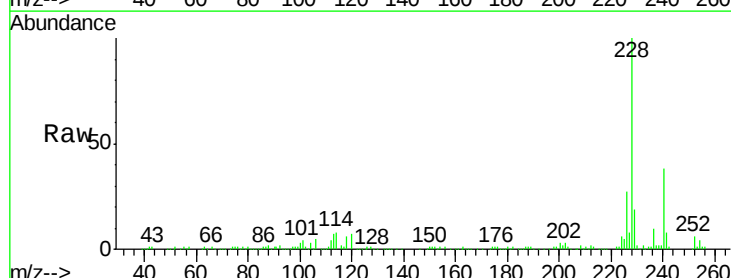
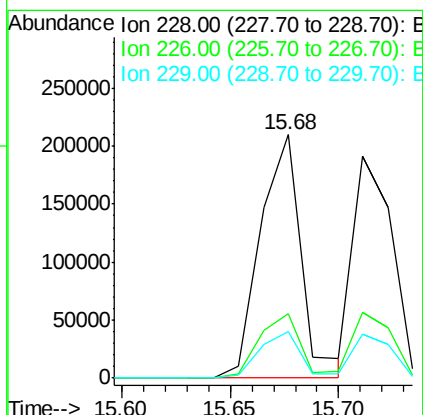
RT: 15.68 min Scan# 1294

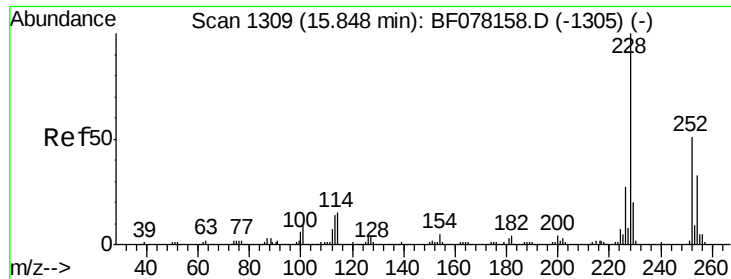
Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion:	228	Resp:	275252
Ion Ratio	Lower	Upper	
228	100		
226	26.7	21.3	31.9
229	19.1	15.4	23.2





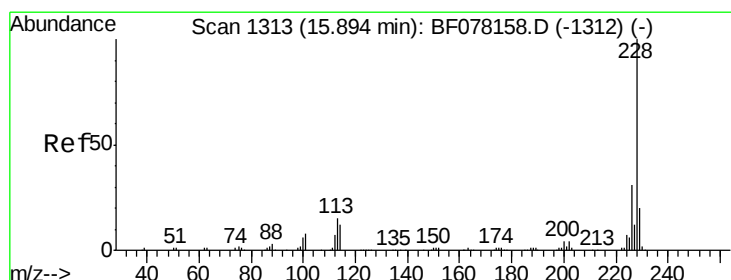
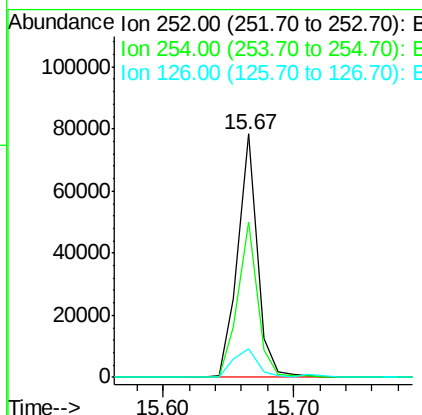
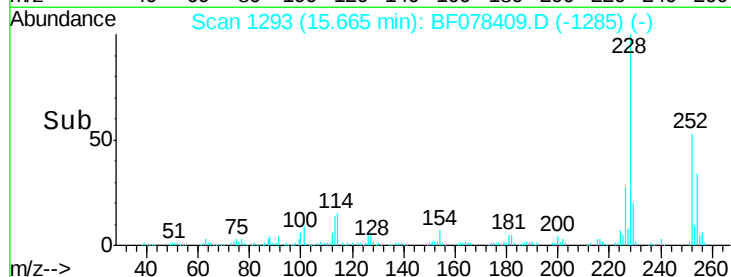
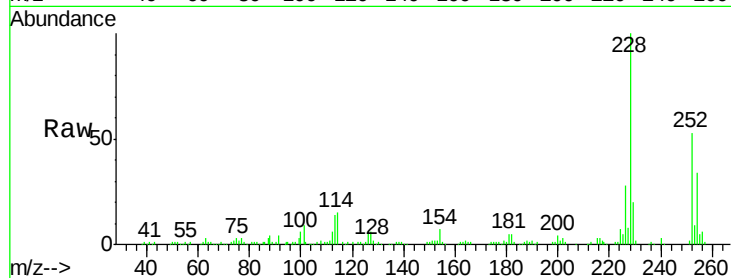
#81
 3,3'-Dichlorobenzidine
 Concen: 26.98 ng
 RT: 15.67 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampled :
 LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	82329		
254	64.0	51.2	76.8	
126	11.5	6.3	9.5	

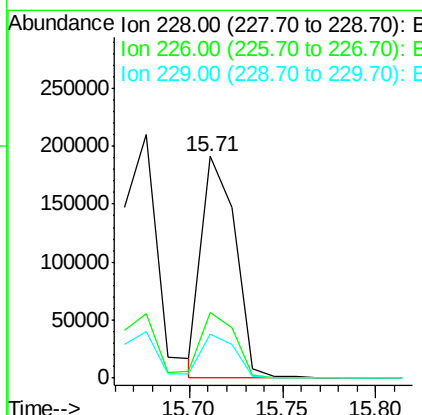
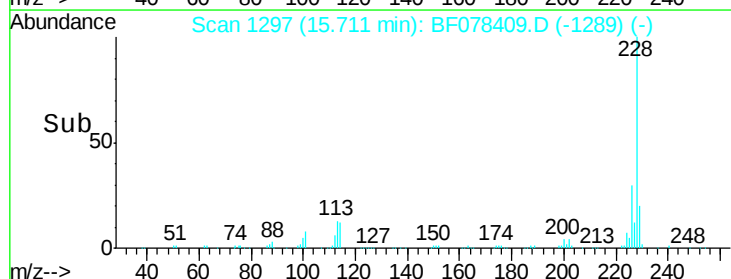
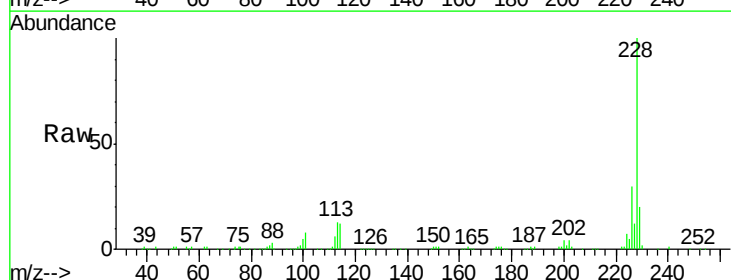
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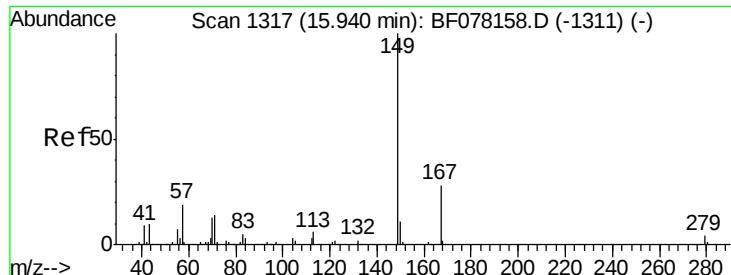
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#82
 Chrysene
 Concen: 27.80 ng
 RT: 15.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	238005		
226	29.7	24.2	36.4	
229	20.0	15.8	23.8	





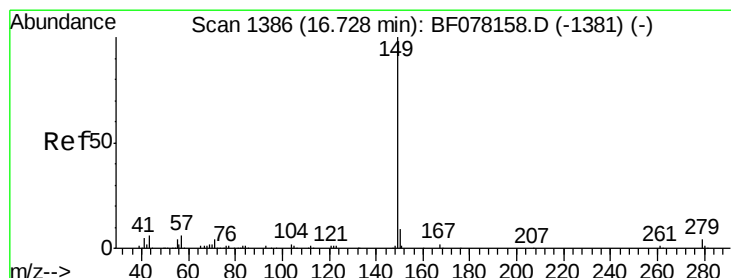
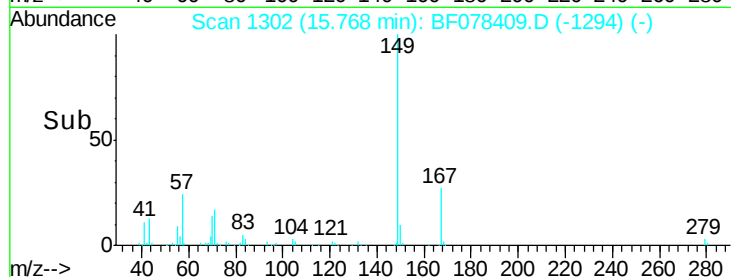
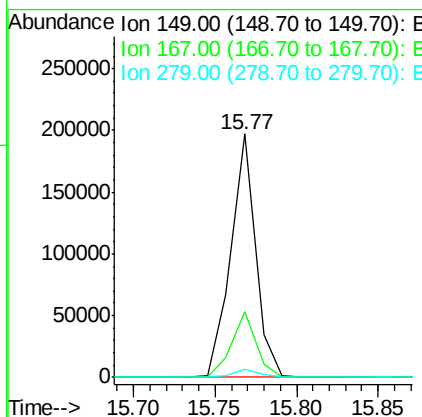
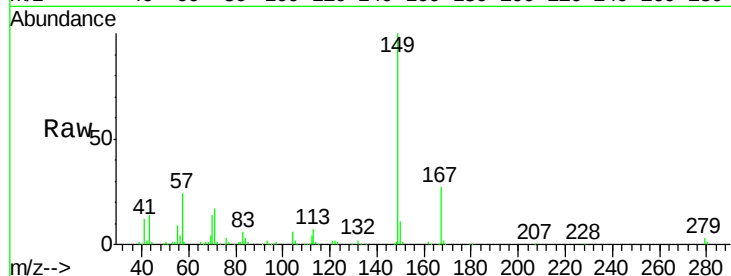
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.98 ng
 RT: 15.77 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	206760		
167	26.9	22.2	33.2	
279	3.2	3.2	4.8	

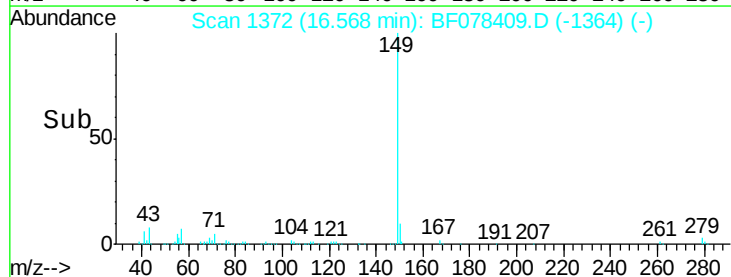
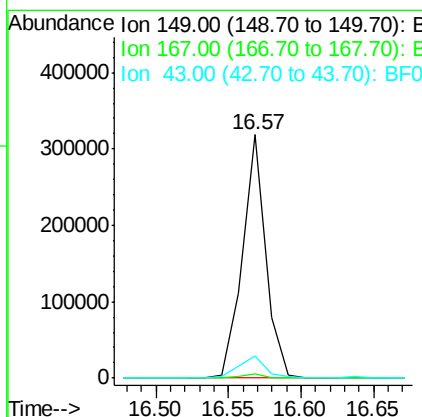
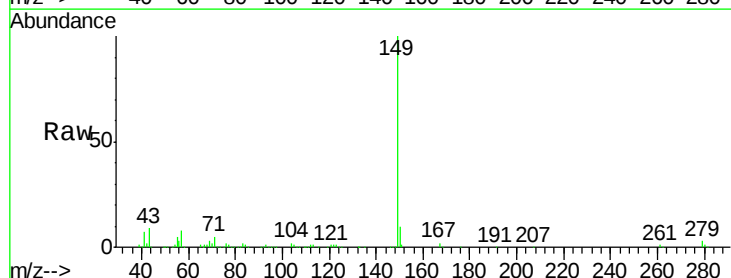
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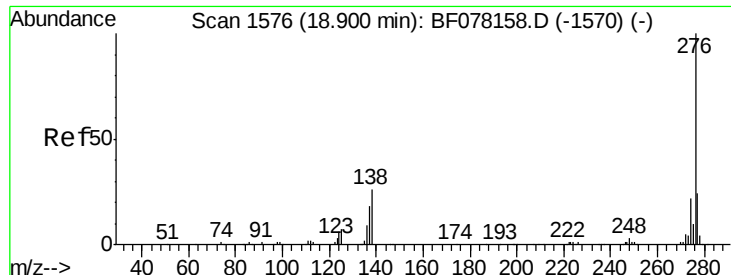
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#84
 Di-n-octyl phthalate
 Concen: 37.65 ng
 RT: 16.57 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	355288		
167	1.5	0.0	0.0#	
43	9.3	0.0	0.0#	





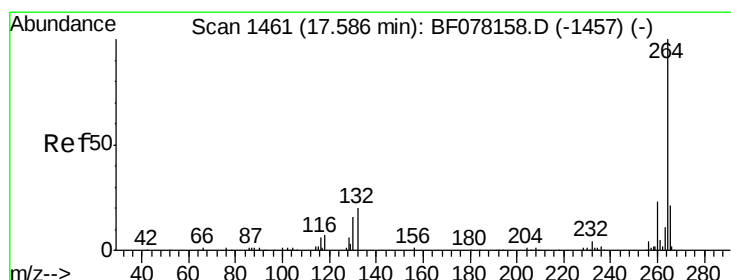
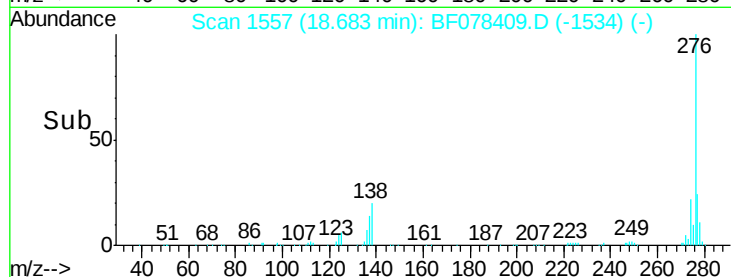
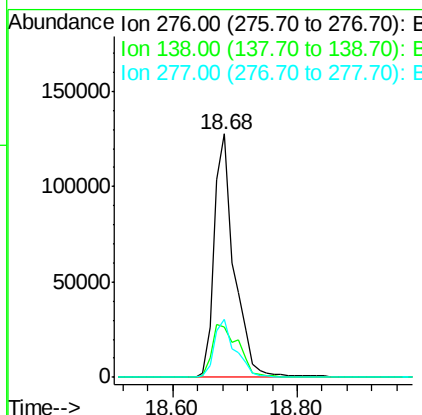
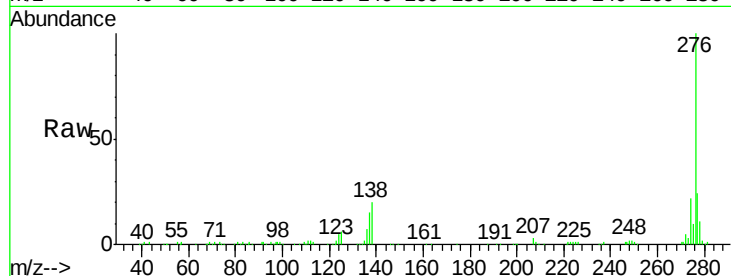
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.95 ng
 RT: 18.68 min Scan# 1557
 Delta R.T. -0.03 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	281228		
138	28.8	16.9	25.3#	
277	24.8	15.8	23.6#	

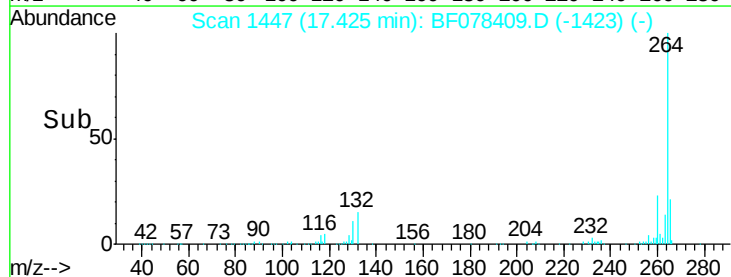
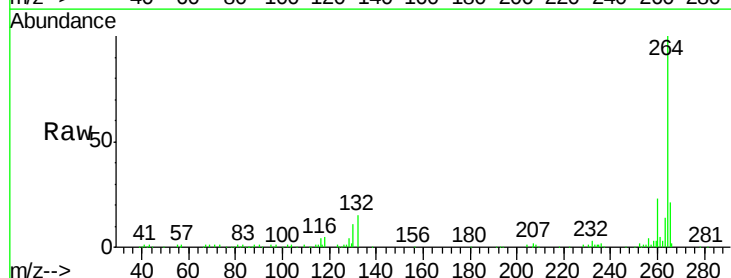
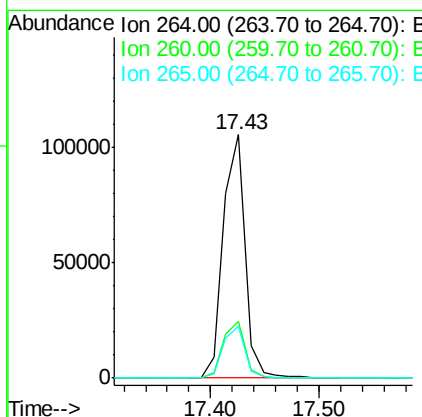
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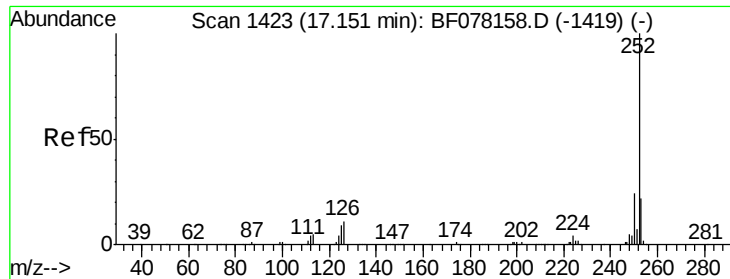
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.43 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	147204		
260	23.3	18.6	27.8	
265	21.3	17.0	25.6	





#87

Benzo(b)fluoranthene

Concen: 28.45 ng

RT: 16.98 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BF078409.D

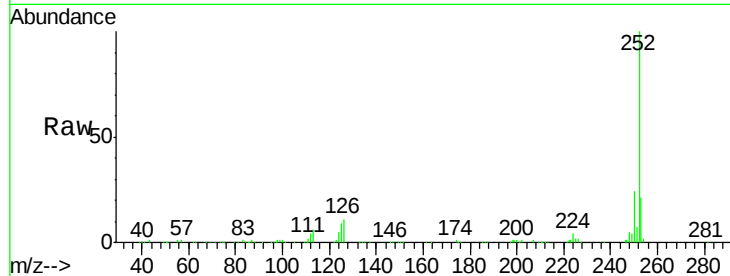
Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

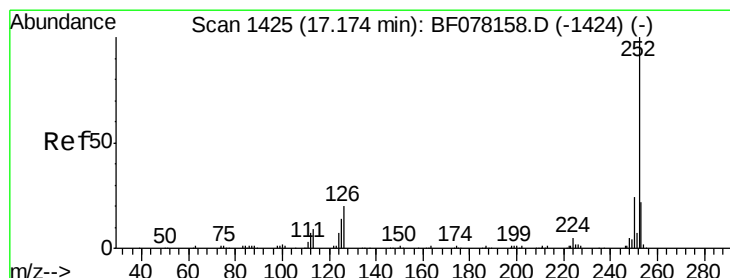
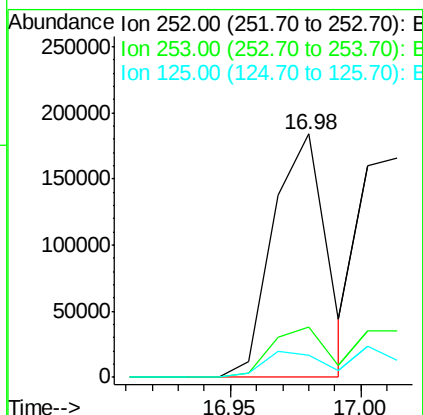
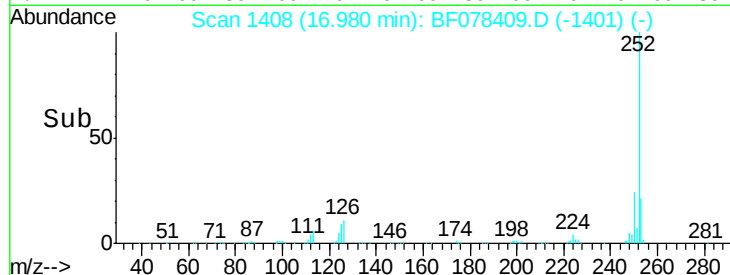
LS-SD08CMS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.2	25.8
125	8.9	7.0	10.4

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#88

Benzo(k)fluoranthene

Concen: 30.39 ng m

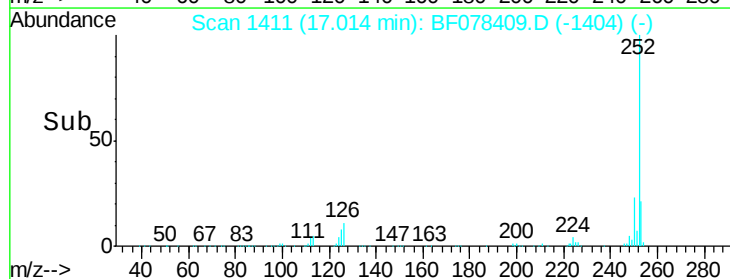
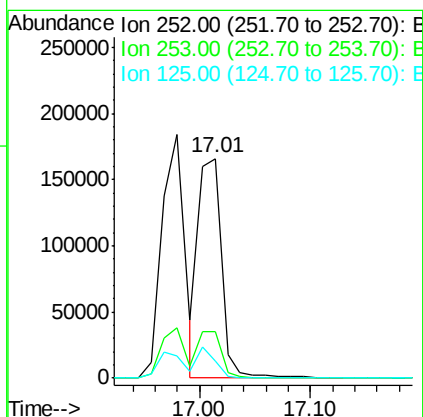
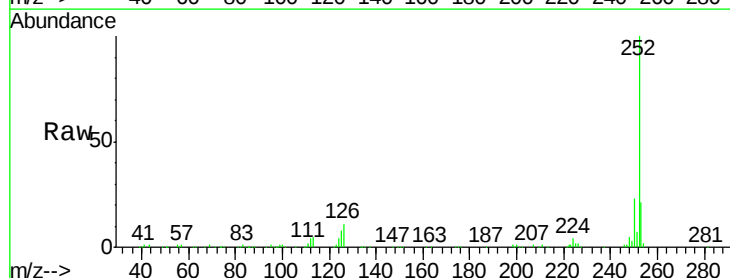
RT: 17.01 min Scan# 1411

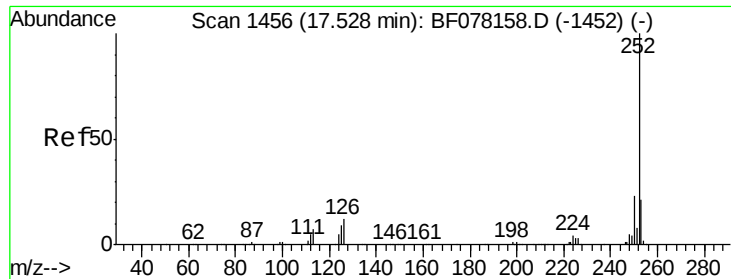
Delta R.T. -0.02 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	7.5	11.6	17.4#





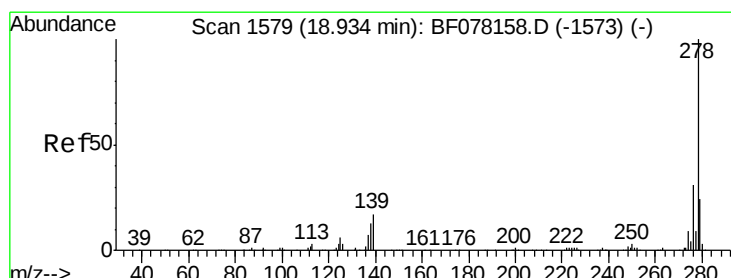
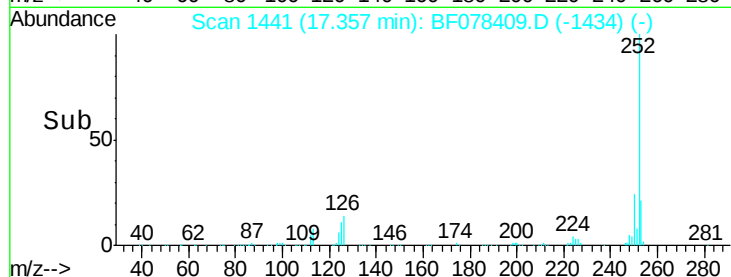
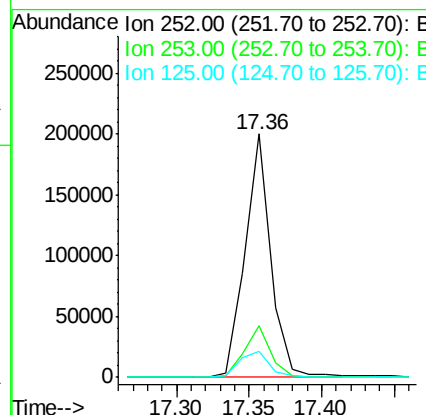
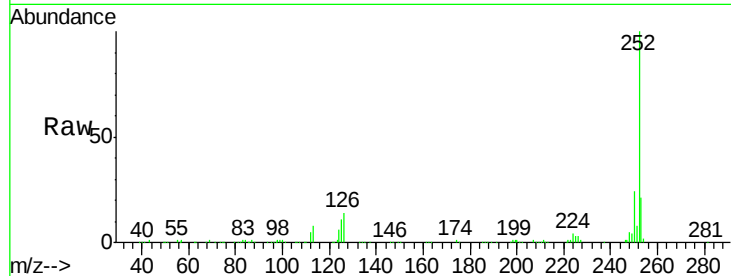
#89
Benzo(a)pyrene
Concen: 31.21 ng
RT: 17.36 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.8	25.2
125	10.9	7.4	11.0

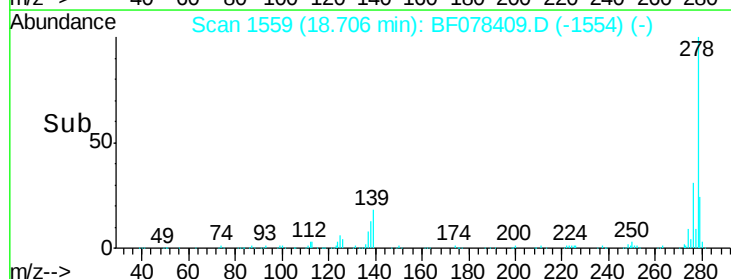
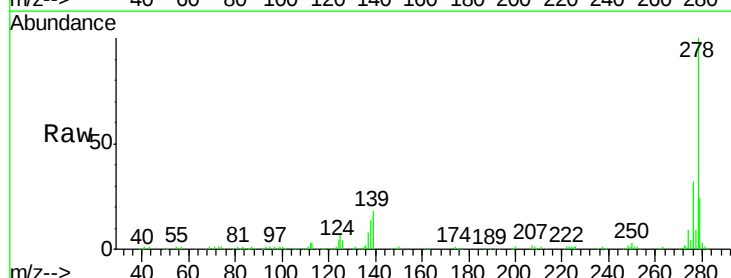
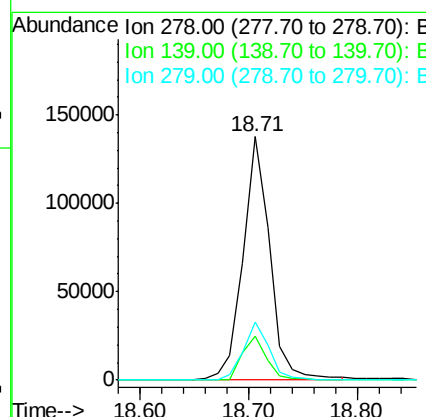
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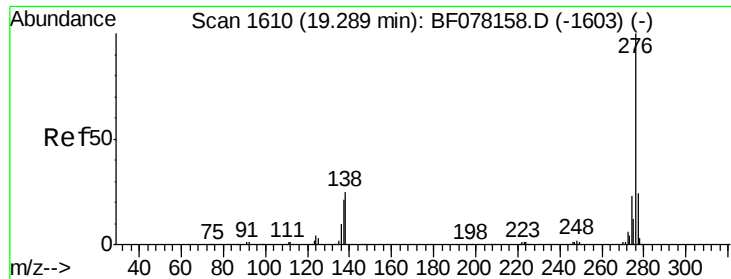
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#90
Dibenzo(a,h)anthracene
Concen: 29.56 ng
RT: 18.71 min Scan# 1559
Delta R.T. -0.05 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.6	20.4
279	23.6	19.0	28.6





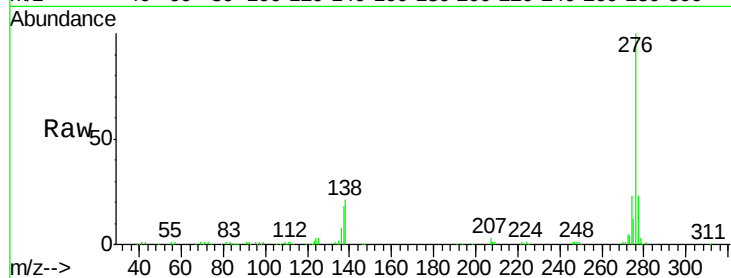
#91
Benzo(g,h,i)perylene
Concen: 29.20 ng
RT: 19.04 min Scan# 1588
Delta R.T. -0.05 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion:	276	Resp:	232689
Ion Ratio	Lower	Upper	
276	100		
277	22.8	19.0	28.4
138	21.0	19.9	29.9

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

