

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
 Data File : BF078399.D
 Acq On : 10 Apr 2015 12:35
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

apatel
 4/10/2015 5:14:15 PM

Quant Time: Apr 10 13:27:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 11:29:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	42367	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	178836	20.00	ng	0.00
38) Acenaphthene-d10	10.63	164	86801	20.00	ng	-0.01
63) Phenanthrene-d10	12.45	188	162579	20.00	ng	-0.01
75) Chrysene-d12	15.72	240	169380	20.00	ng	-0.02
86) Perylene-d12	17.49	264	164391	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	217257	84.55	ng	-0.02
7) Phenol-d6	6.49	99	265777	82.53	ng	0.01
23) Nitrobenzene-d5	7.58	82	233175	79.03	ng	0.00
41) 2,4,6-Tribromophenol	11.61	330	61797	85.84	ng	-0.01
44) 2-Fluorobiphenyl	9.81	172	488815	80.50	ng	0.00
78) Terphenyl-d14	14.44	244	571665	76.26	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.69	88	52155	44.89	ng	95
3) Pyridine	2.28	79	132564	43.55	ng	98
4) n-Nitrosodimethylamine	2.24	42	56088m	47.87	ng	
6) Aniline	6.48	93	195133	42.73	ng	90
8) 2-Chlorophenol	6.62	128	127484	41.96	ng	93
9) Benzaldehyde	6.33	77	81831	38.34	ng	99
10) Phenol	6.50	94	154612	40.07	ng	87
11) bis(2-Chloroethyl)ether	6.59	93	114059	41.10	ng	98
12) 1,3-Dichlorobenzene	6.81	146	136151	40.79	ng	# 93
13) 1,4-Dichlorobenzene	6.91	146	137415	40.90	ng	96
14) 1,2-Dichlorobenzene	7.09	146	127275	40.40	ng	94
15) Benzyl Alcohol	7.09	79	98492	43.52	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	7.26	45	148525	40.13	ng	94
17) 2-Methylphenol	7.25	107	98921	41.93	ng	96
18) Hexachloroethane	7.50	117	41746	36.85	ng	88
19) n-Nitroso-di-n-propylamine	7.42	70	92606	43.58	ng	94
20) 3+4-Methylphenols	7.45	107	130904	41.60	ng	96
22) Acetophenone	7.40	105	165975	39.83	ng	# 89
24) Nitrobenzene	7.61	77	121846	39.50	ng	# 80
25) Isophorone	7.92	82	235764	42.10	ng	100
26) 2-Nitrophenol	8.01	139	40662	27.66	ng	96
27) 2,4-Dimethylphenol	8.09	122	103960	38.04	ng	94
28) bis(2-Chloroethoxy)methane	8.20	93	137608	38.32	ng	97
29) 2,4-Dichlorophenol	8.32	162	102598	41.26	ng	95
30) 1,2,4-Trichlorobenzene	8.41	180	108575	38.08	ng	98
31) Naphthalene	8.49	128	364004	39.11	ng	99
32) Benzoic acid	8.25	122	44917m	36.52	ng	
33) 4-Chloroaniline	8.58	127	158768	41.10	ng	98
34) Hexachlorobutadiene	8.65	225	61271	39.14	ng	99
35) Caprolactam	9.02	113	33633	45.31	ng	# 83
36) 4-Chloro-3-methylphenol	9.21	107	104875	41.80	ng	87
37) 2-Methylnaphthalene	9.34	142	236445	37.41	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	105607	39.27	ng	99
40) Hexachlorocyclopentadiene	9.54	237	10910	15.44	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.71	196	75986	44.80	nq	97
43) 2,4,5-Trichlorophenol	9.76	196	75555	42.64	nq	97
45) 1,1'-Biphenyl	9.93	154	279883	39.42	nq	98
46) 2-Chloronaphthalene	9.95	162	229497	41.08	nq	95
47) 2-Nitroaniline	10.09	65	67053	48.51	nq	# 85
48) Acenaphthylene	10.45	152	377574	41.86	nq	99
49) Dimethylphthalate	10.33	163	251337	38.54	nq	98
50) 2,6-Dinitrotoluene	10.40	165	49293	36.74	nq	# 49
51) Acenaphthene	10.67	154	212232	41.79	nq	99
52) 3-Nitroaniline	10.60	138	76717	50.29	nq	91
53) 2,4-Dinitrophenol	10.75	184	305	8.50	nq	# 88
54) Dibenzofuran	10.88	168	310138	39.98	nq	99
55) 4-Nitrophenol	10.84	139	39432m	36.65	nq	
56) 2,4-Dinitrotoluene	10.89	165	61375	35.32	nq	# 52
57) Fluorene	11.30	166	255274	40.60	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.05	232	58387	44.44	nq	# 99
59) Diethylphthalate	11.21	149	256101	40.73	nq	97
60) 4-Chlorophenyl-phenylether	11.32	204	120670	41.72	nq	92
61) 4-Nitroaniline	11.35	138	73670	47.77	nq	92
62) Azobenzene	11.52	77	259324	45.19	nq	85
64) 4,6-Dinitro-2-methylphenol	11.39	198	2373	10.98	nq	87
65) n-Nitrosodiphenylamine	11.47	169	232343	41.31	nq	99
66) 4-Bromophenyl-phenylether	11.92	248	69419	40.32	nq	99
67) Hexachlorobenzene	11.97	284	75128	39.82	nq	96
68) Atrazine	12.15	200	64237	39.44	nq	94
69) Pentachlorophenol	12.23	266	35838	46.44	nq	99
70) Phenanthrene	12.48	178	377395	40.13	nq	99
71) Anthracene	12.55	178	389323	42.01	nq	100
72) Carbazole	12.76	167	356665	41.07	nq	99
73) Di-n-butylphthalate	13.22	149	415894	42.27	nq	99
74) Fluoranthene	13.95	202	421335	42.48	nq	91
76) Benzidine	14.15	184	208517	31.97	nq	99
77) Pyrene	14.23	202	438181	41.21	nq	99
79) Butylbenzylphthalate	15.07	149	190086	46.90	nq	90
80) Benzo(a)anthracene	15.71	228	406698	40.36	nq	98
81) 3,3'-Dichlorobenzidine	15.71	252	146683	43.46	nq	100
82) Chrysene	15.76	228	380556	40.19	nq	99
83) Bis(2-ethylhexyl)phthalate	15.80	149	266100	41.86	nq	# 95
84) Di-n-octyl phthalate	16.61	149	477014	45.71	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.79	276	427640	39.80	nq	# 87
87) Benzo(b)fluoranthene	17.04	252	445460m	43.84	nq	
88) Benzo(k)fluoranthene	17.07	252	322566	35.73	nq	98
89) Benzo(a)pyrene	17.43	252	371631	41.91	nq	# 94
90) Dibenzo(a,h)anthracene	18.81	278	334971	37.73	nq	99
91) Benzo(g,h,i)perylene	19.14	276	340466m	38.25	nq	

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

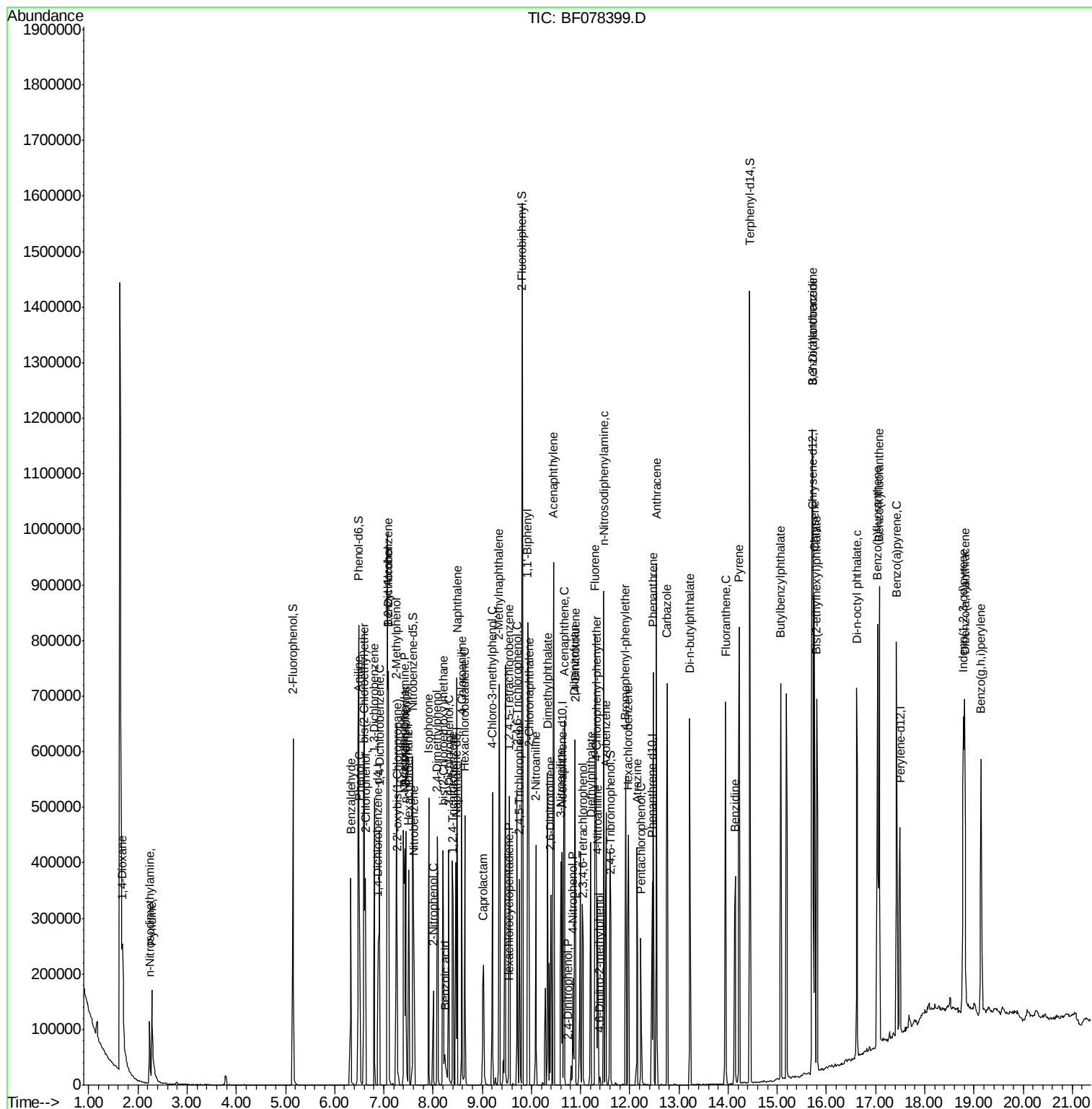
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078399.D
Acq On    : 10 Apr 2015  12:35
Operator  : TP/IZ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1
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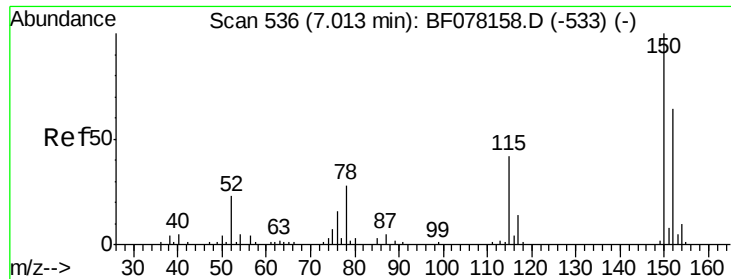
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

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#1

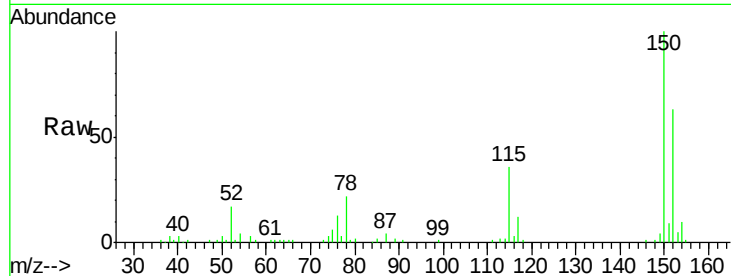
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

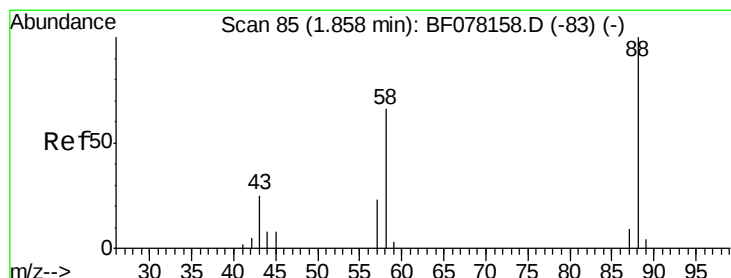
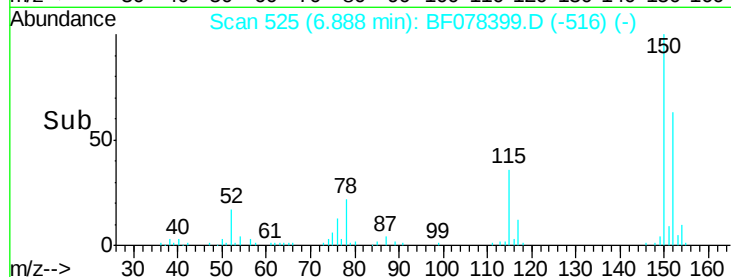
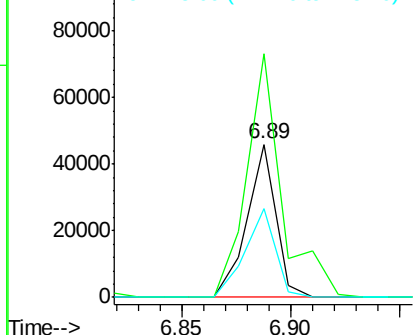
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	125.9	188.9
115	57.9	52.7	79.1

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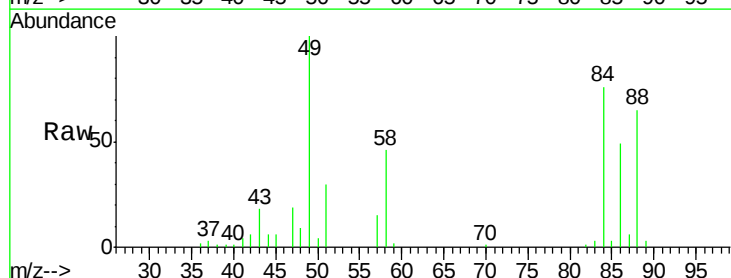
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



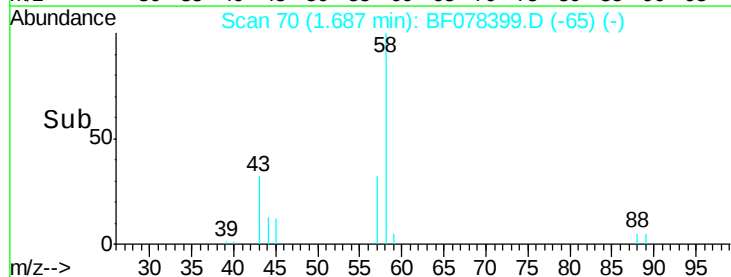
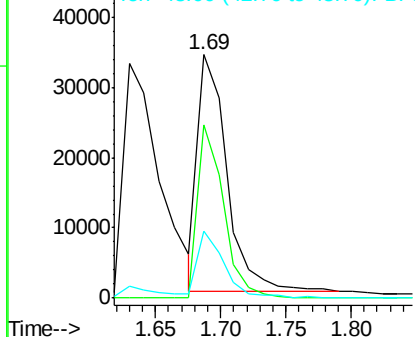
#2

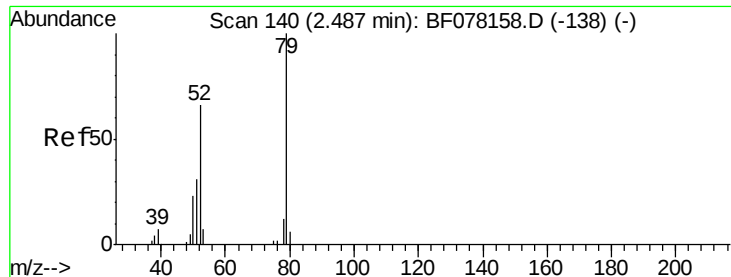
1,4-Dioxane
Concen: 44.89 ng
RT: 1.69 min Scan# 70
Delta R.T. -0.05 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.1	56.9	85.3
43	27.2	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

Pvridine

Concen: 43.55 ng

RT: 2.28 min Scan# 122

Delta R.T. -0.08 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

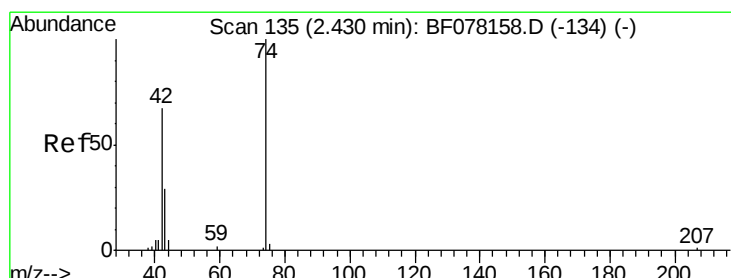
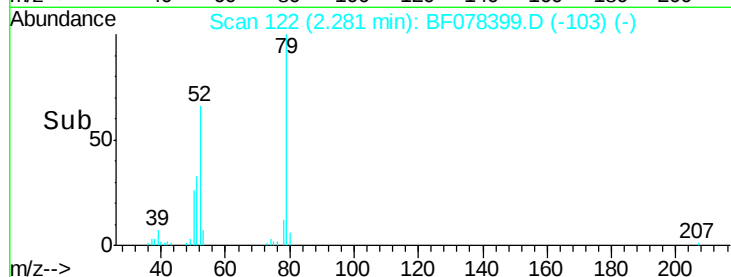
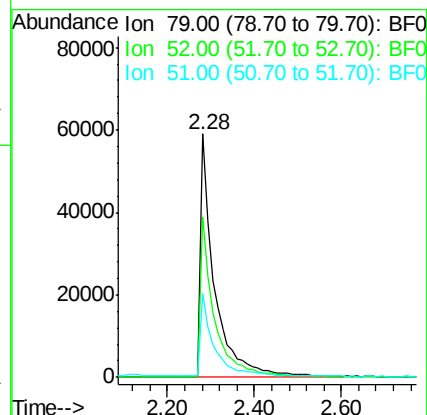
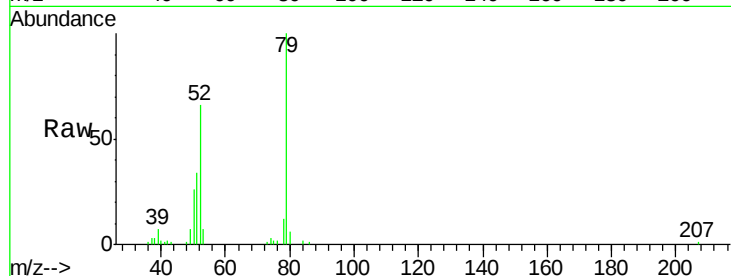
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	132564
Ion Ratio	Lower	Upper	
79	100		
52	66.0	52.4	78.6
51	34.3	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 47.87 ng m

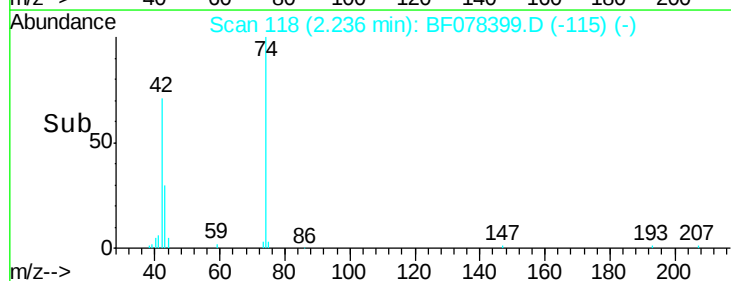
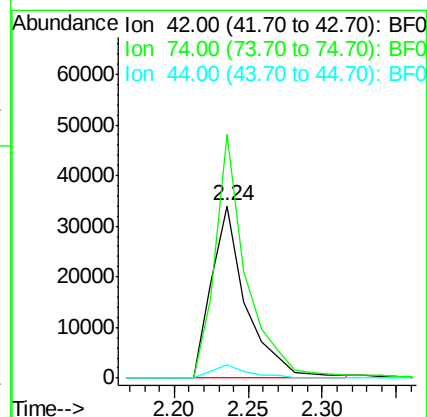
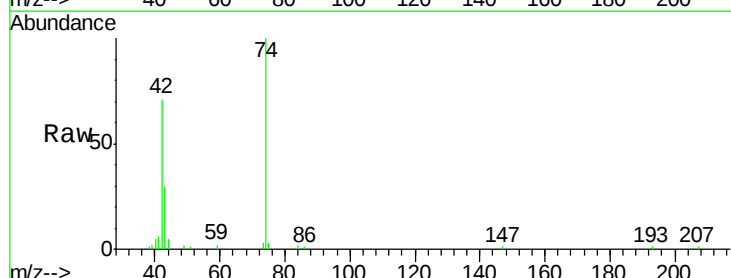
RT: 2.24 min Scan# 118

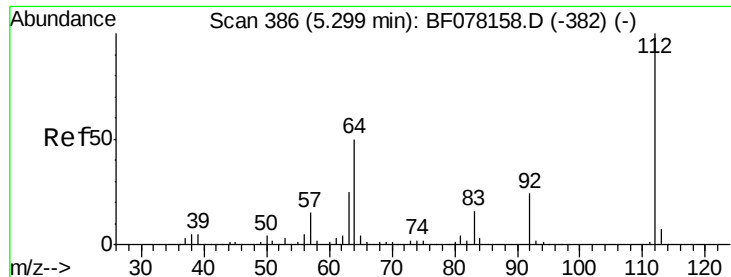
Delta R.T. -0.07 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Tgt Ion:	42	Resp:	56088
Ion Ratio	Lower	Upper	
42	100		
74	141.2	118.7	178.1
44	7.4	5.9	8.9





#5

2-Fluorophenol

Concen: 84.55 ng

RT: 5.15 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

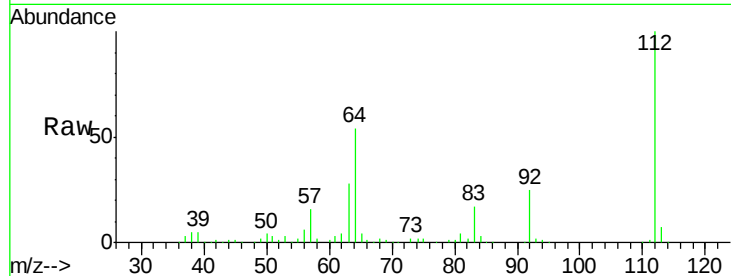
ClientSampleId :

SSTDCCC040EC

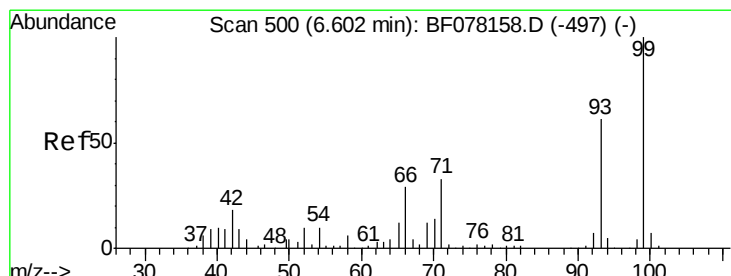
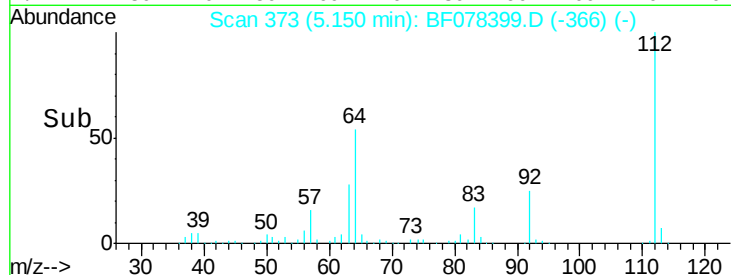
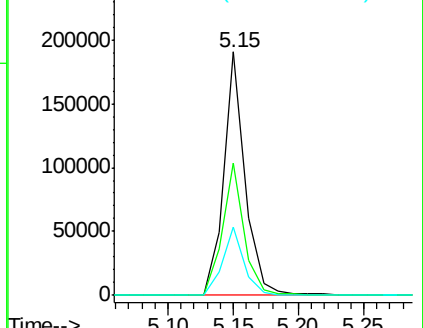
Tot Ion:	112	Resp:	217257
Ion Ratio	Lower	Upper	
112	100		
64	54.1	39.9	59.9
63	27.8	20.2	30.4

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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 42.73 ng

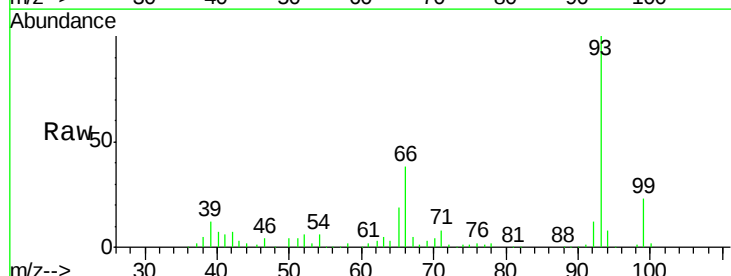
RT: 6.48 min Scan# 489

Delta R.T. 0.00 min

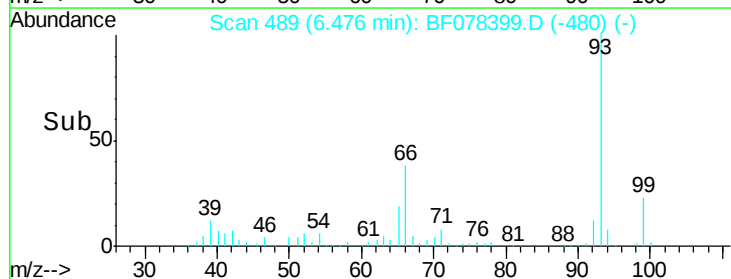
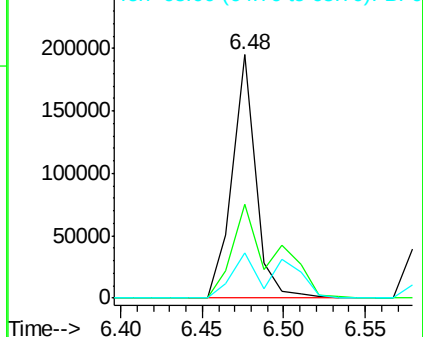
Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Tgt Ion:	93	Resp:	195133
Ion Ratio	Lower	Upper	
93	100		
66	38.5	38.0	57.0
65	18.8	16.3	24.5



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 82.53 ng

RT: 6.49 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

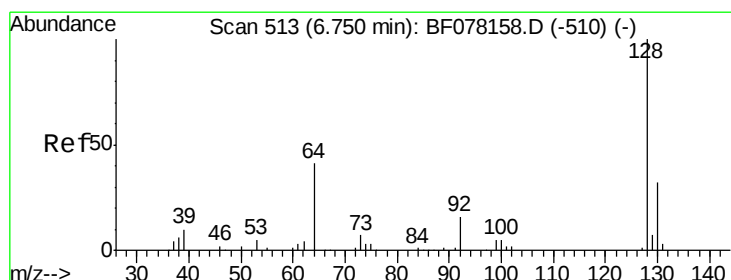
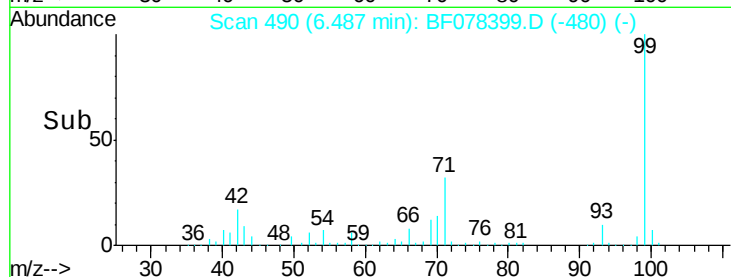
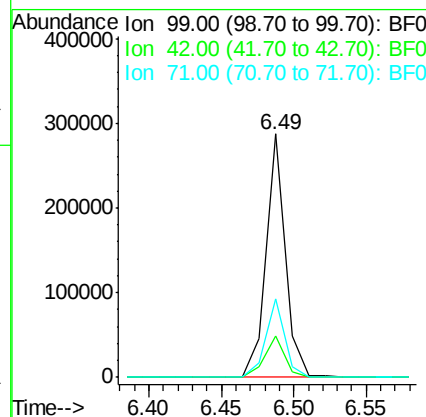
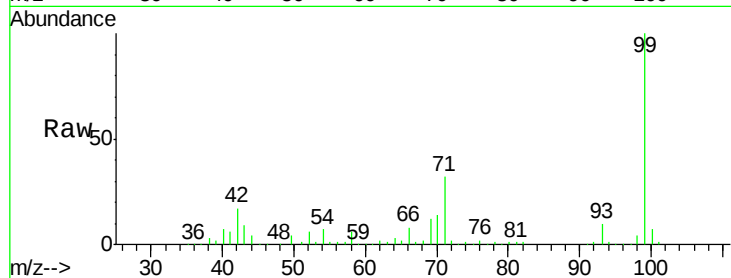
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	265777
Ion Ratio	Lower	Upper	
99	100		
42	17.0	14.8	22.2
71	32.3	26.6	39.8

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#8

2-Chlorophenol

Concen: 41.96 ng

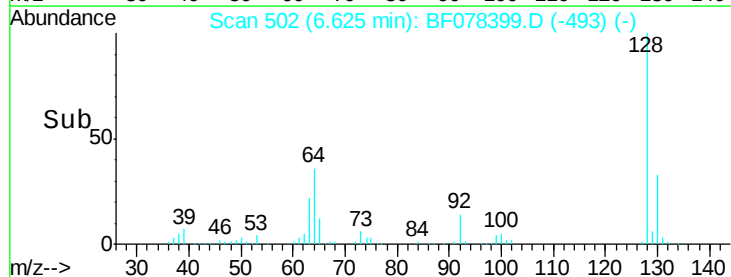
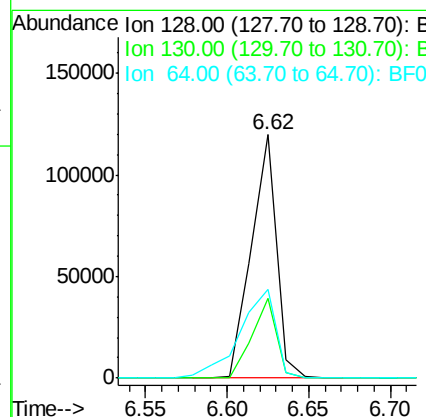
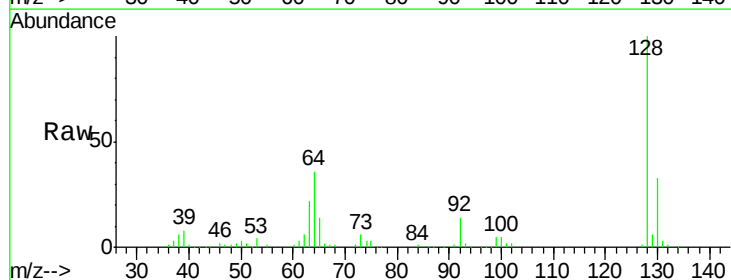
RT: 6.62 min Scan# 502

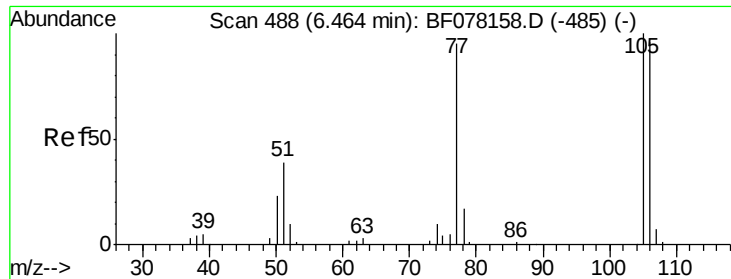
Delta R.T. 0.00 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Tgt Ion:	128	Resp:	127484
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.3	52.3
64	36.2	23.8	63.8





#9

Benzaldehyde

Concen: 38.34 ng

RT: 6.33 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

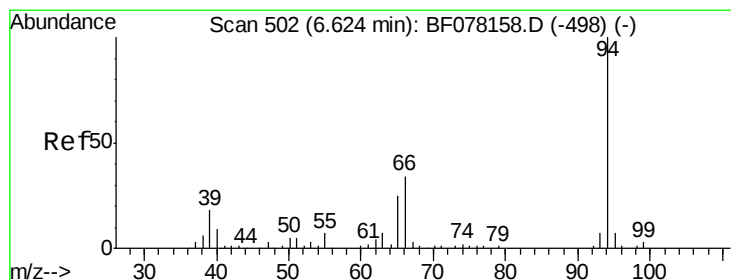
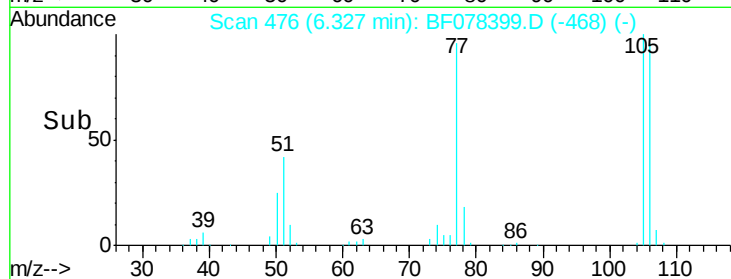
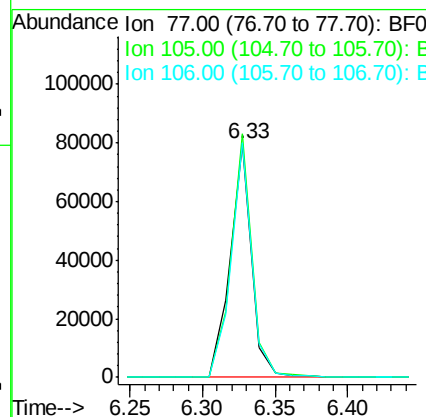
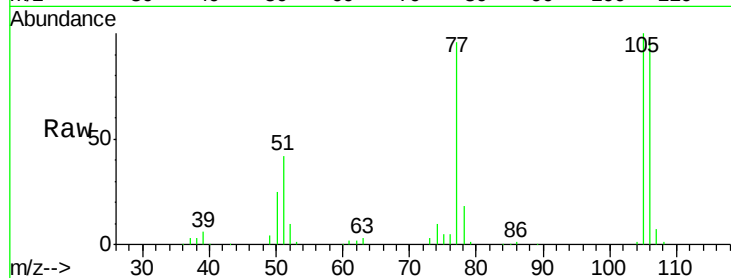
ClientSampleId :

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Tot Ion:	77	Resp:	81831
Ion	Ratio	Lower	Upper
77	100		
105	104.1	85.4	125.4
106	100.3	80.8	120.8



#10

Phenol

Concen: 40.07 ng

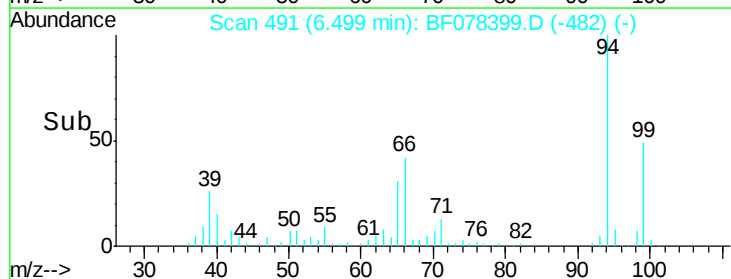
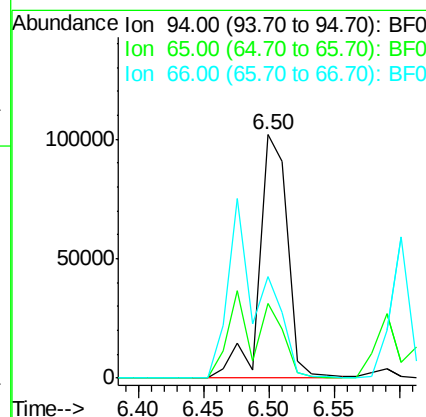
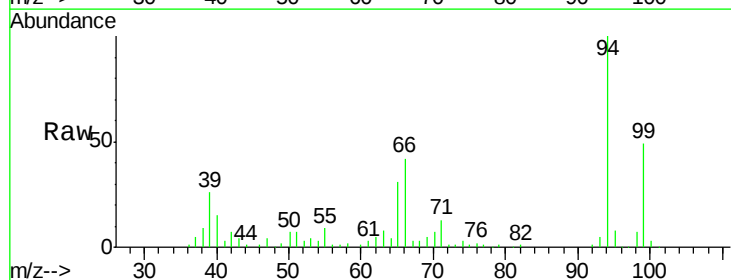
RT: 6.50 min Scan# 491

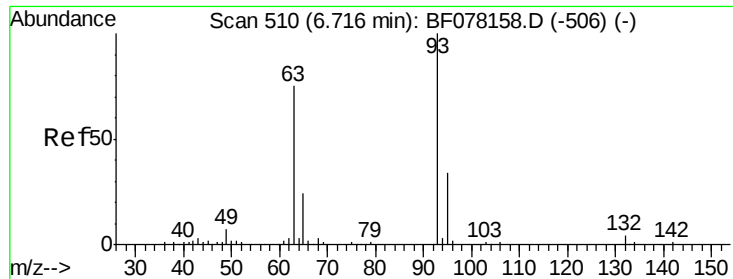
Delta R.T. 0.00 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Tgt Ion:	94	Resp:	154612
Ion	Ratio	Lower	Upper
94	100		
65	30.6	4.9	44.9
66	41.9	13.8	53.8





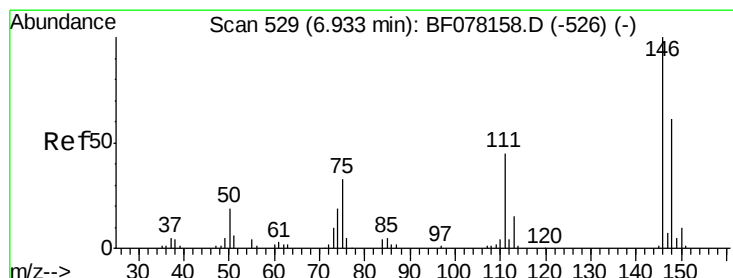
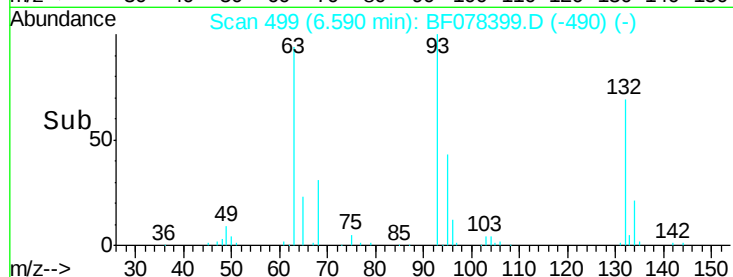
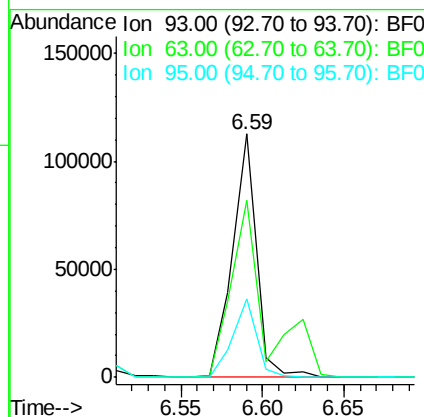
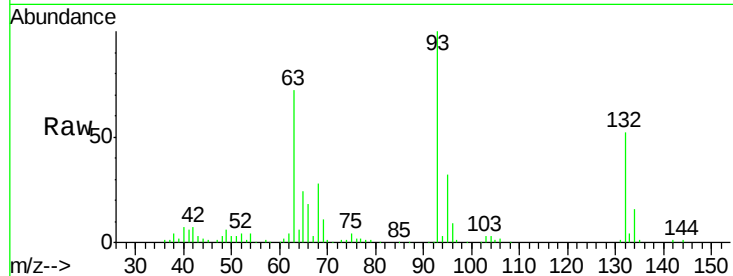
#11
bis(2-Chloroethyl)ether
Concen: 41.10 ng
RT: 6.59 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	93	Resp:	114059
Ion Ratio	Lower	Upper	
93	100		
63	72.5	54.6	94.6
95	32.4	13.6	53.6

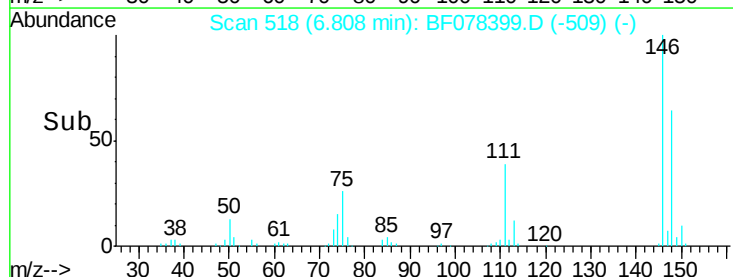
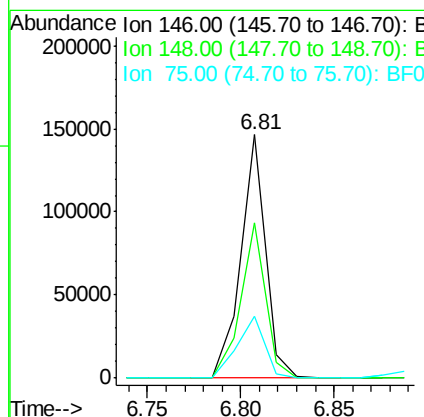
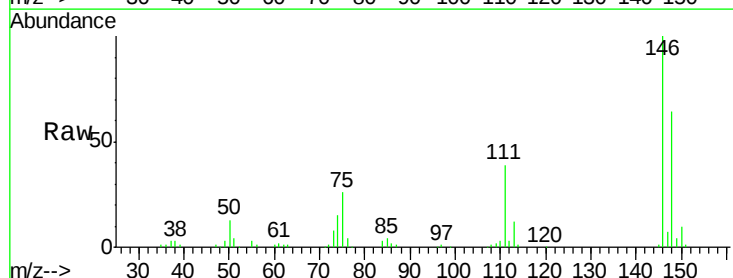
Manual Integrations
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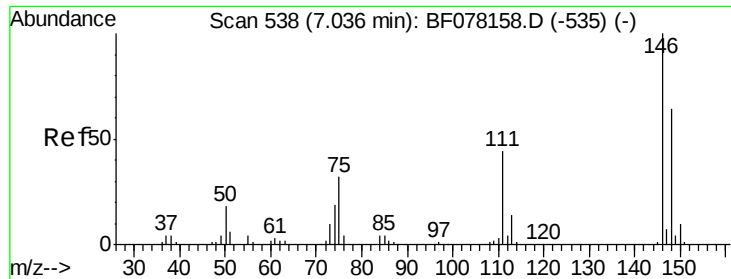
apatel
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#12
1,3-Dichlorobenzene
Concen: 40.79 ng
RT: 6.81 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion:	146	Resp:	136151
Ion Ratio	Lower	Upper	
146	100		
148	63.6	49.1	73.7
75	25.6	26.6	40.0#





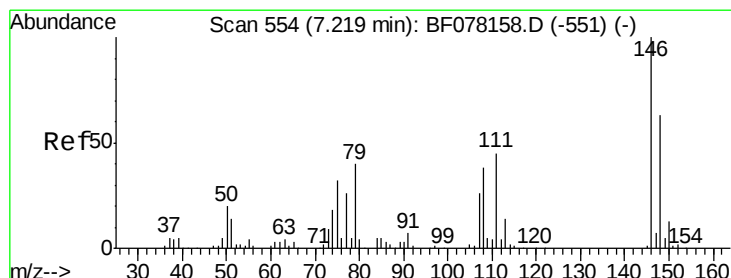
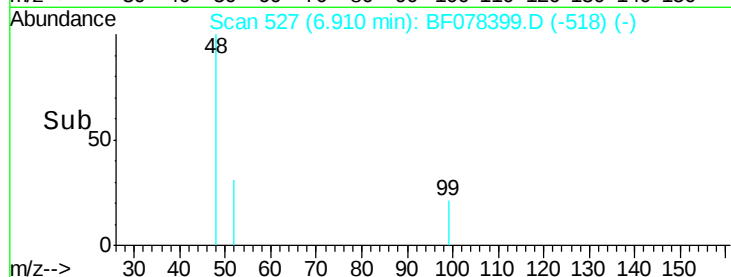
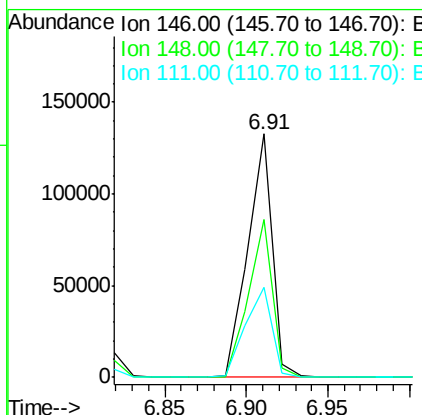
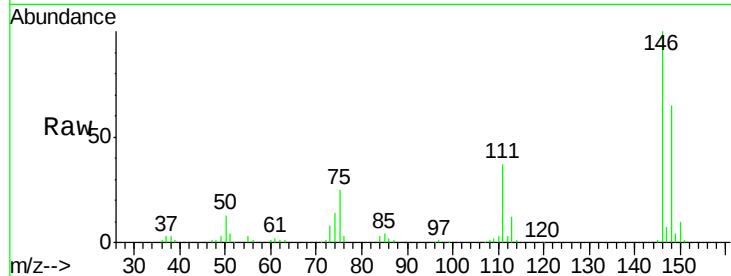
#13
 1,4-Dichlorobenzene
 Concen: 40.90 ng
 RT: 6.91 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.0
111	37.2	35.0	52.4

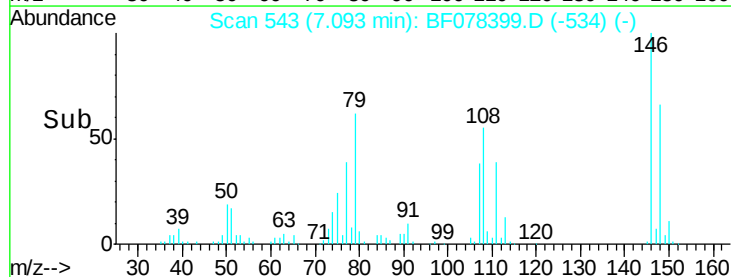
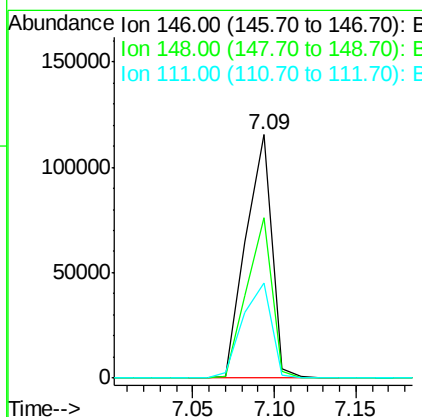
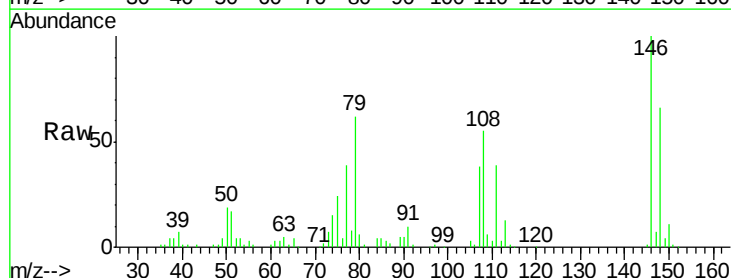
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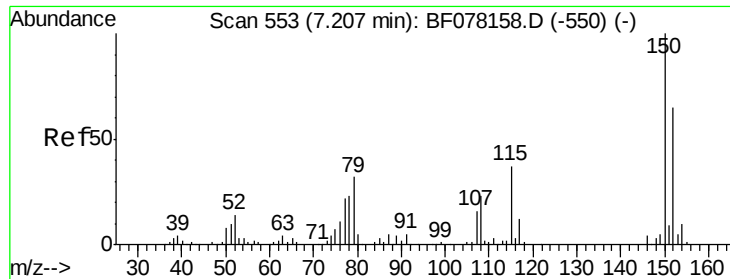
apatel
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#14
 1,2-Dichlorobenzene
 Concen: 40.40 ng
 RT: 7.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.2	75.4
111	39.3	36.1	54.1





#15

Benzyl Alcohol

Concen: 43.52 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 98492

Ion Ratio Lower Upper

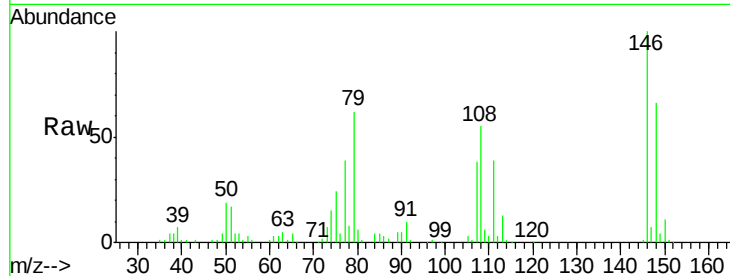
79 100

108 89.5 57.6 86.4#

77 62.4 53.5 80.3

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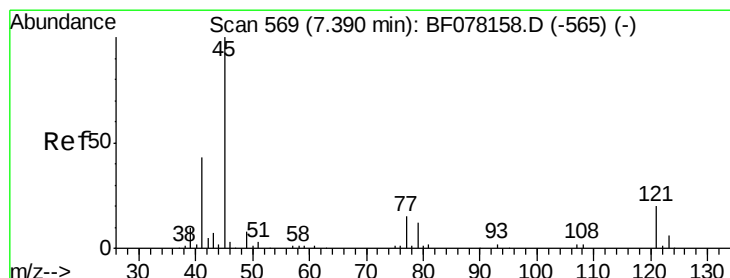
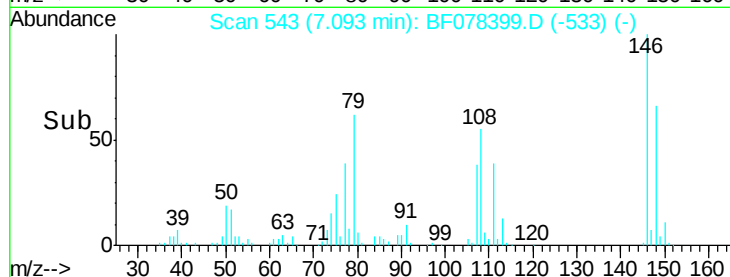
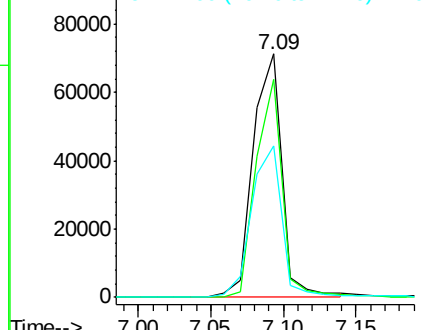
apatel
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.13 ng

RT: 7.26 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

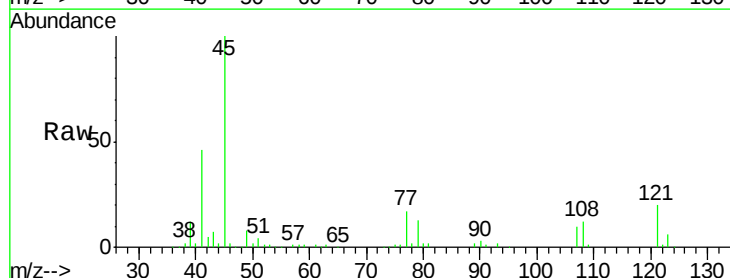
Tgt Ion: 45 Resp: 148525

Ion Ratio Lower Upper

45 100

77 17.4 0.0 34.5

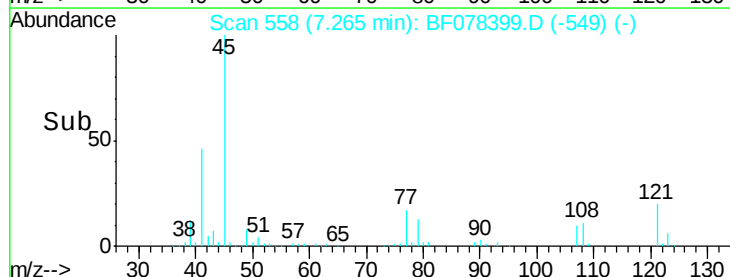
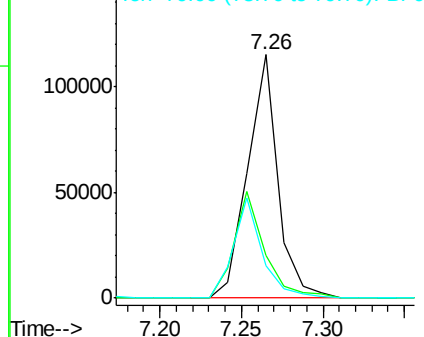
79 13.3 0.0 31.9

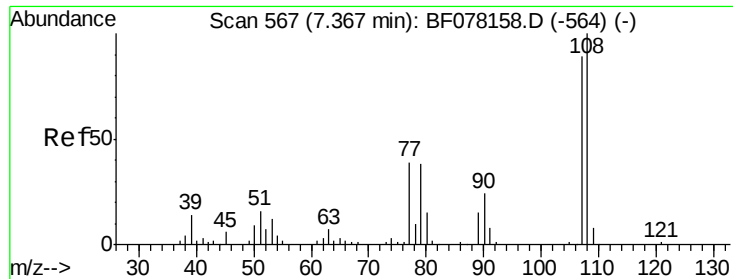


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.93 ng

RT: 7.25 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

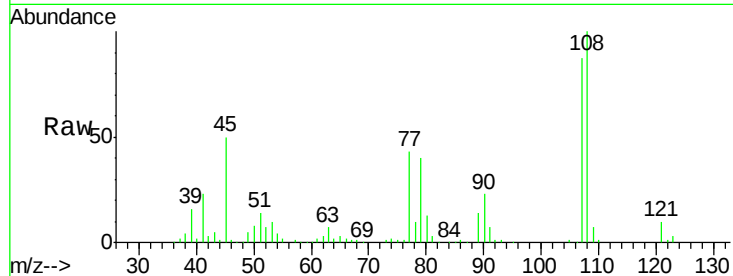
ClientSampleId :

SSTDCCC040EC

Tot Ion:	107	Resp:	98921
Ion Ratio	Lower	Upper	
107	100		
108	115.6	90.3	135.5
77	49.2	35.5	53.3
79	46.4	34.2	51.4

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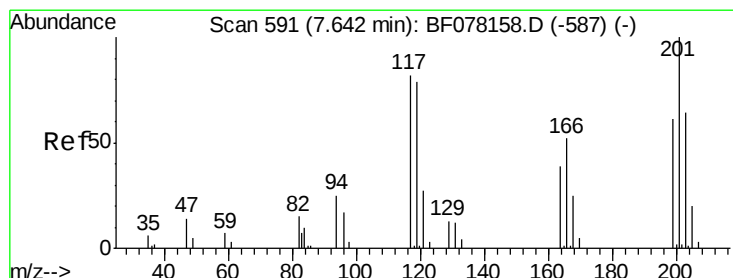
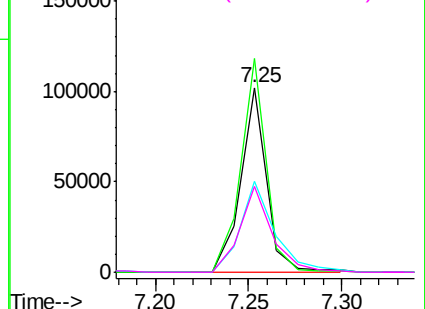
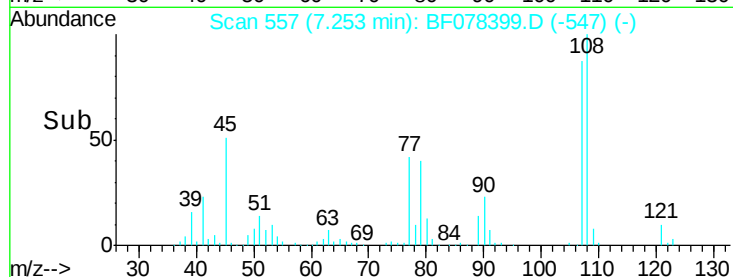


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.85 ng

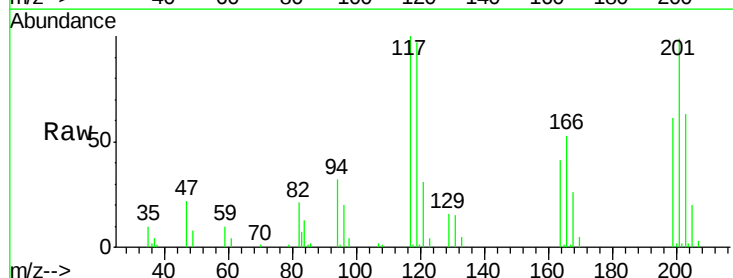
RT: 7.50 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

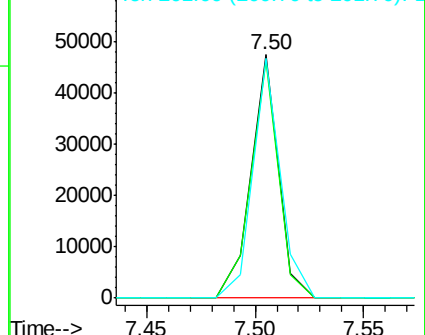
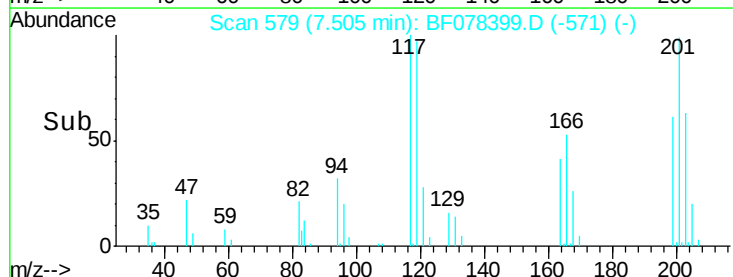
Tgt Ion:	117	Resp:	41746
Ion Ratio	Lower	Upper	
117	100		
119	97.4	77.0	115.6
201	98.7	98.1	147.1

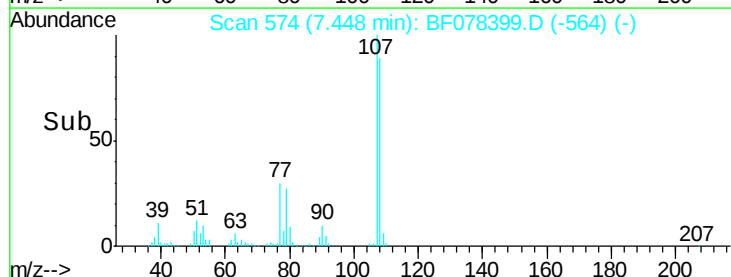
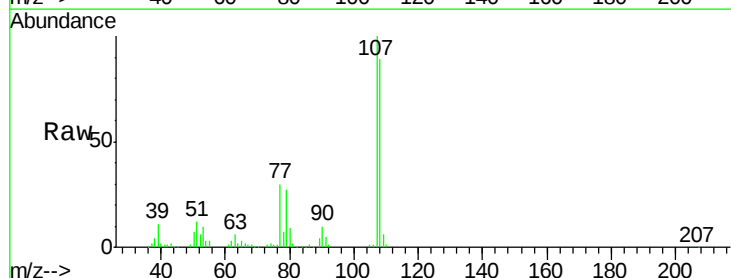
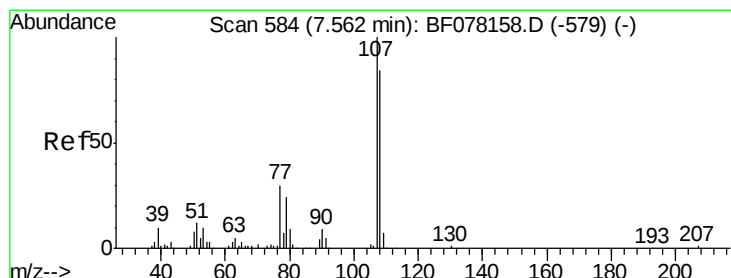
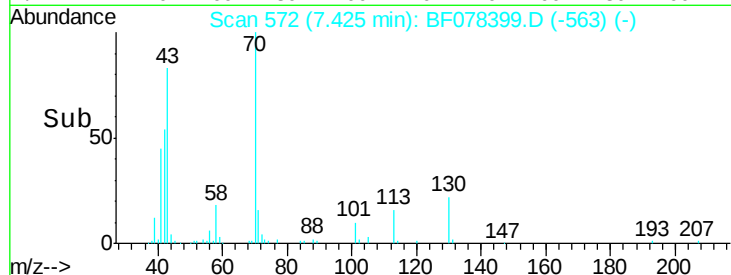
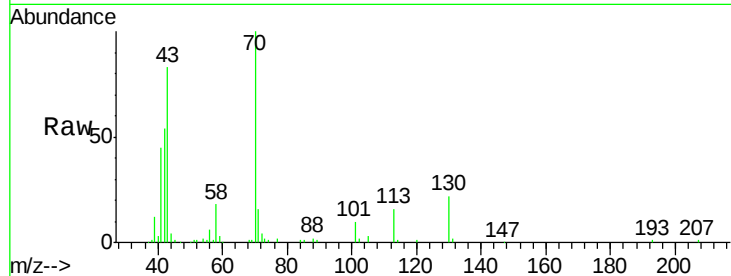
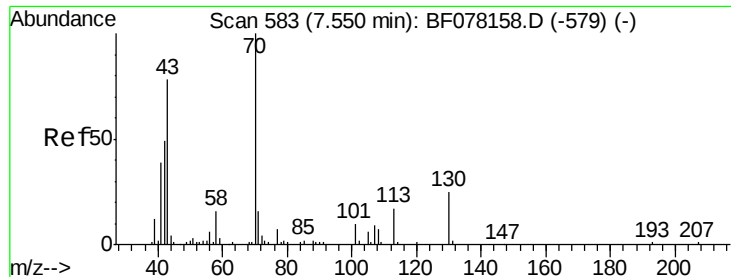


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

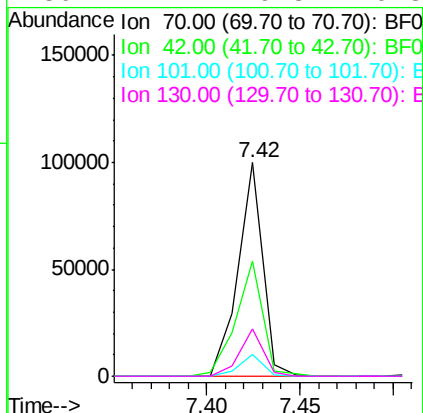
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 43.58 ng
RT: 7.42 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.8	38.9	58.3	
101	10.0	8.3	12.5	
130	22.4	19.8	29.8	



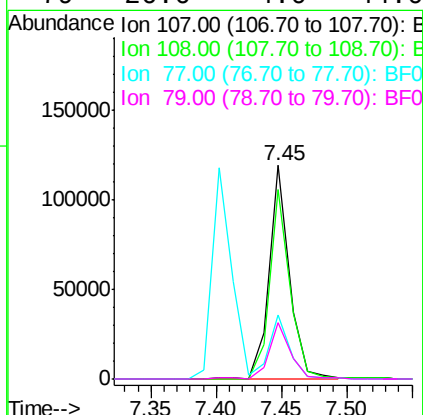
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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#20
3+4-Methylphenols
Concen: 41.60 ng
RT: 7.45 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	64.4	104.4	
77	30.1	9.7	49.7	
79	26.6	4.0	44.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

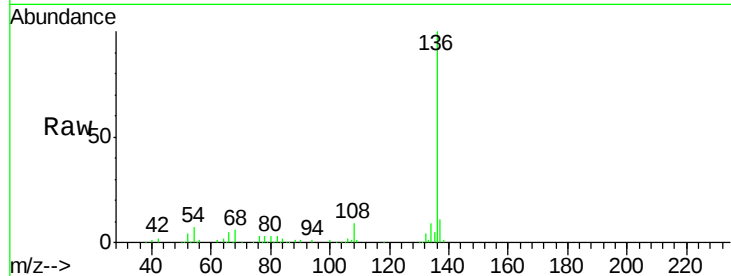
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		178836		
137	10.9		9.0	13.4	
54	6.8		7.0	10.6	
68	5.6		5.4	8.2	

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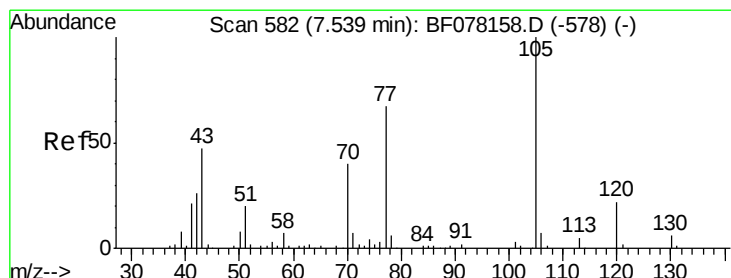
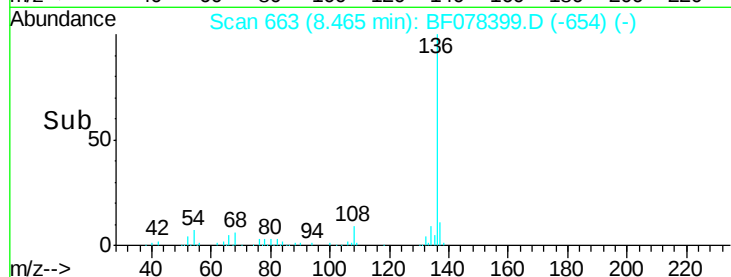
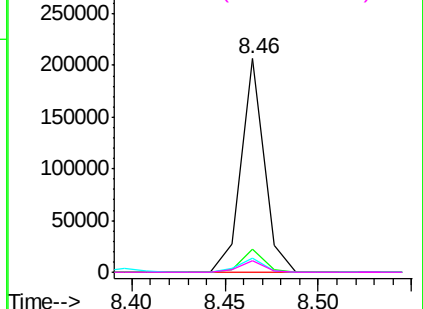
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.83 ng

RT: 7.40 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		165975		
71	0.0		5.5	8.3	
51	28.0		16.0	24.0	
120	20.7		17.8	26.6	

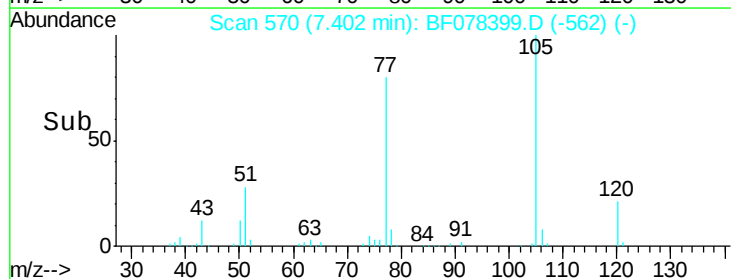
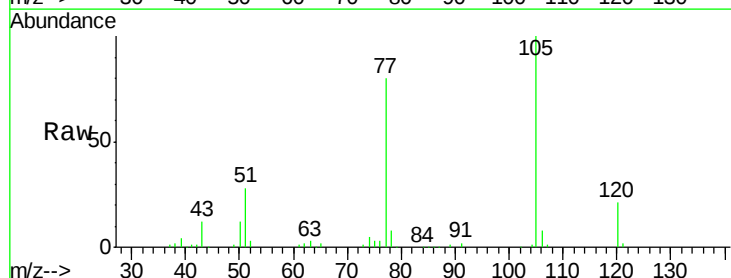
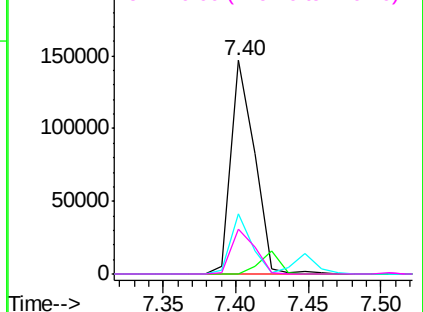
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





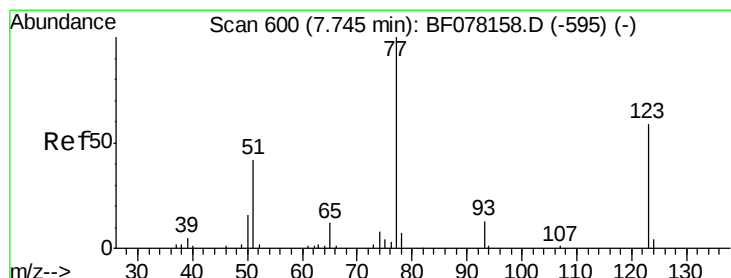
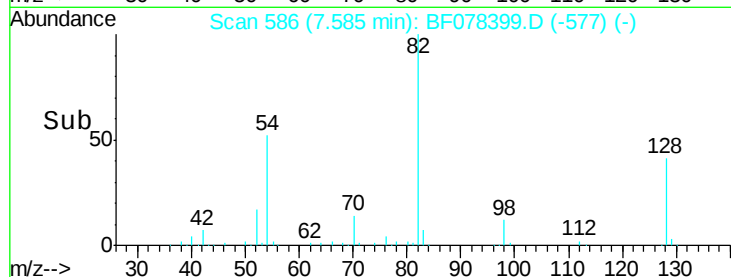
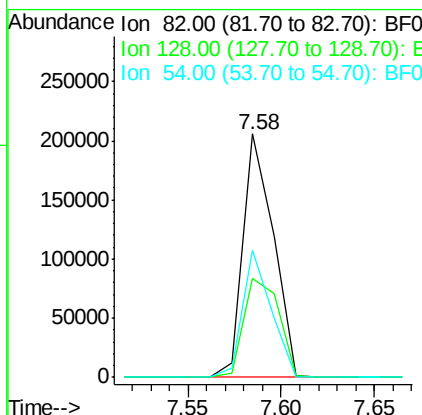
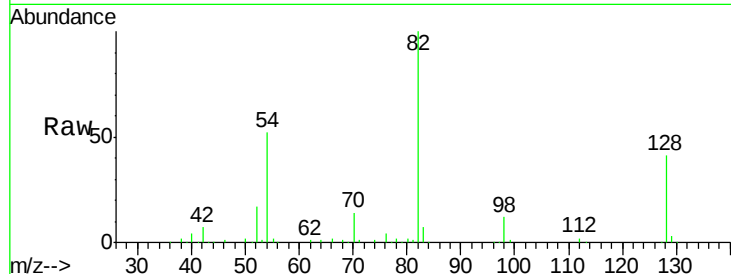
#23
Nitrobenzene-d5
Concen: 79.03 ng
RT: 7.58 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100	233175		
128	40.8	31.8	47.8	
54	52.3	41.5	62.3	

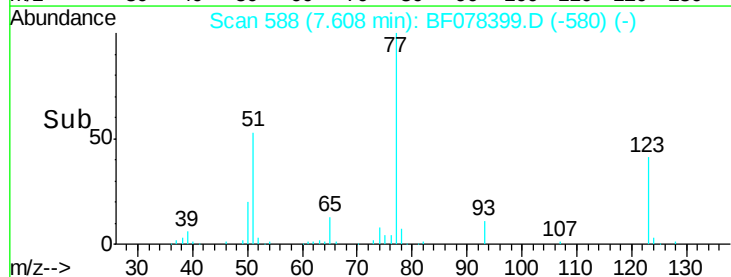
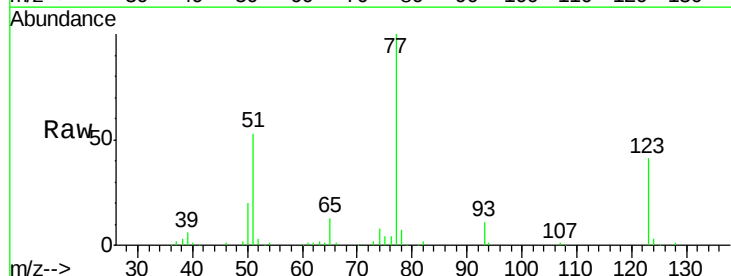
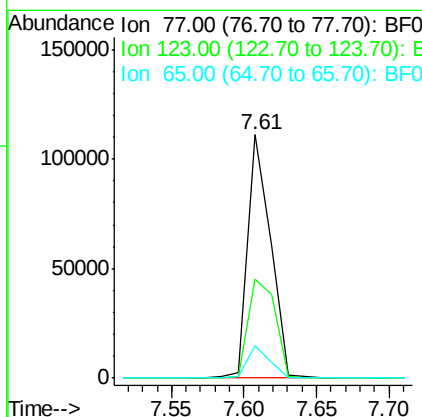
Manual Integrations
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#24
Nitrobenzene
Concen: 39.50 ng
RT: 7.61 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	121846		
123	40.7	46.9	70.3#	
65	13.1	9.5	14.3	





#25

Isophorone

Concen: 42.10 ng

RT: 7.92 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

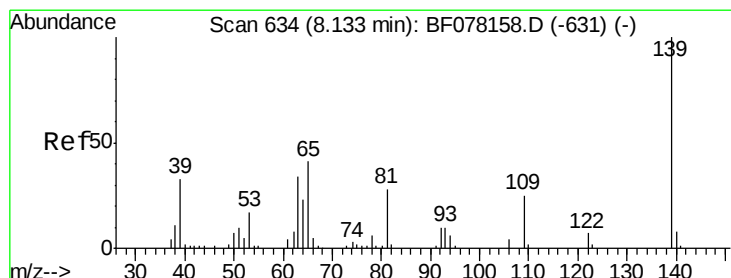
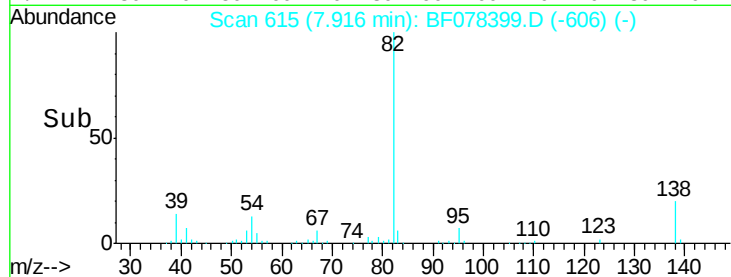
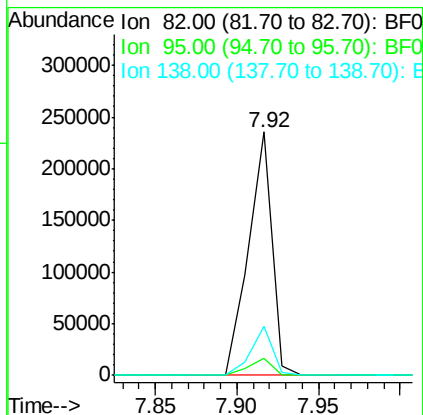
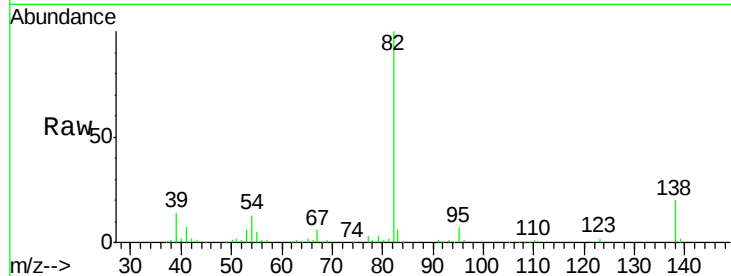
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	235764
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	20.0	15.8	23.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 27.66 ng

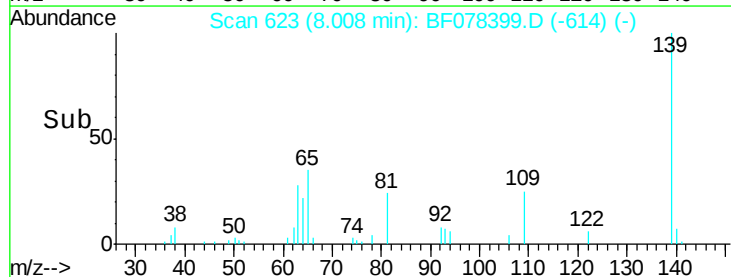
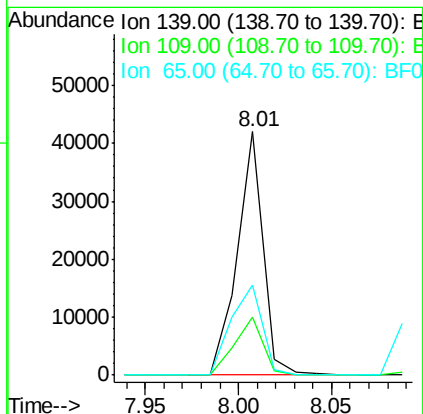
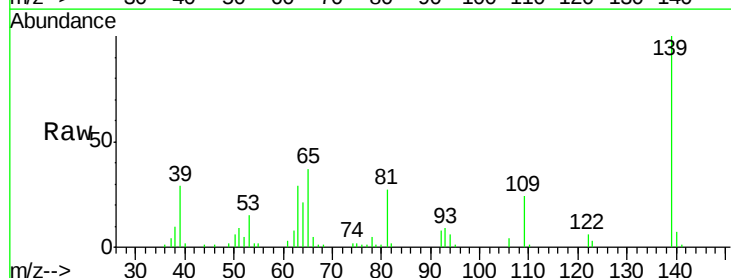
RT: 8.01 min Scan# 623

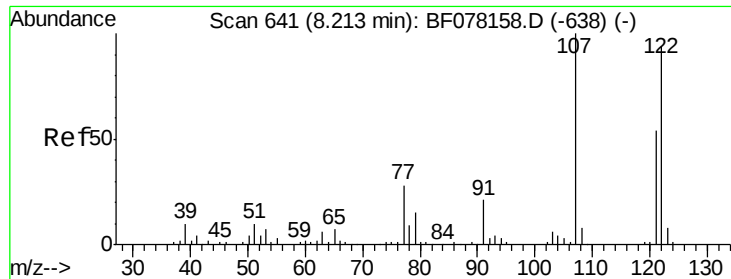
Delta R.T. 0.00 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Tgt Ion:	139	Resp:	40662
Ion Ratio	Lower	Upper	
139	100		
109	23.9	19.8	29.8
65	37.2	32.7	49.1





#27

2,4-Dimethylphenol

Concen: 38.04 ng

RT: 8.09 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

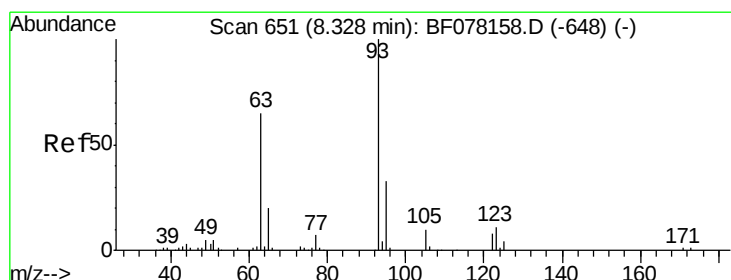
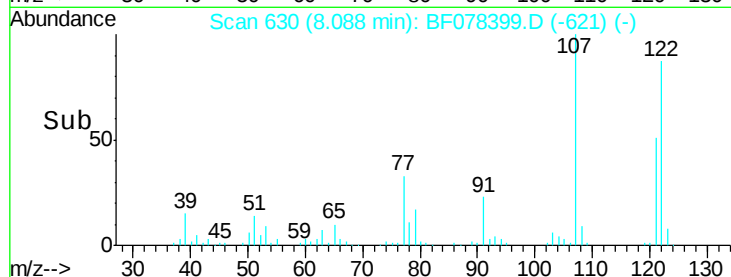
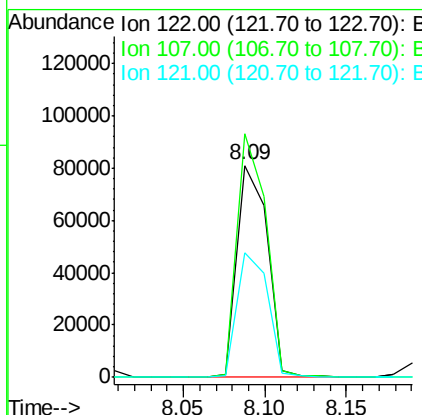
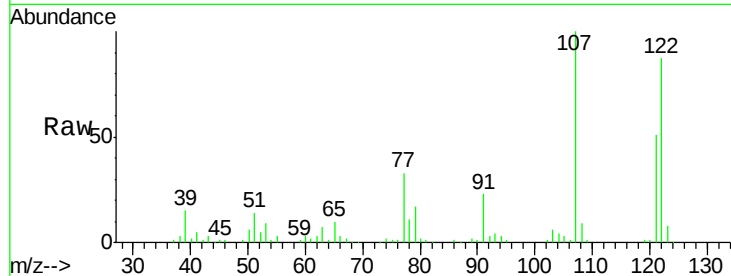
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		103960		
107	114.7	84.6	127.0		
121	58.5	46.0	69.0		

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 38.32 ng

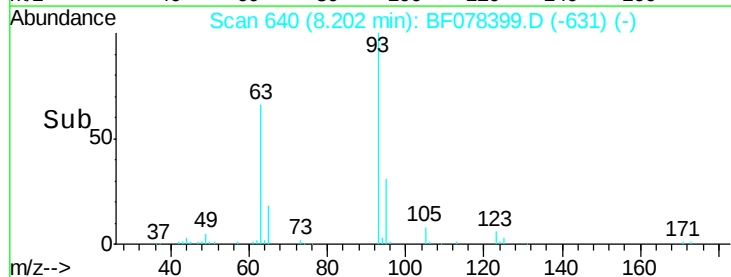
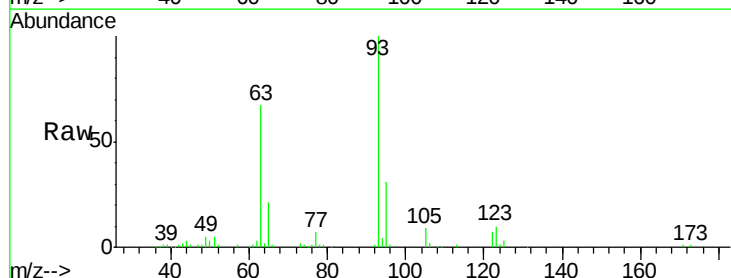
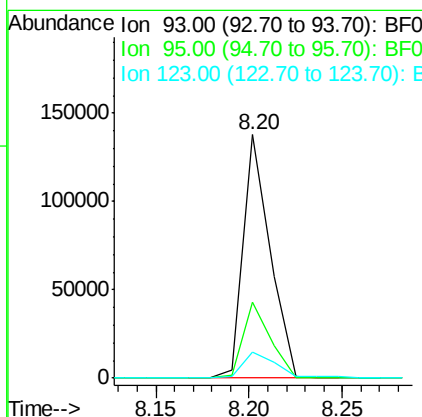
RT: 8.20 min Scan# 640

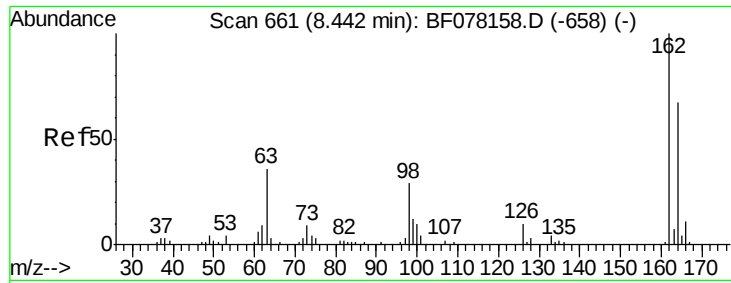
Delta R.T. 0.00 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		137608		
95	31.2	26.3	39.5		
123	10.4	9.1	13.7		





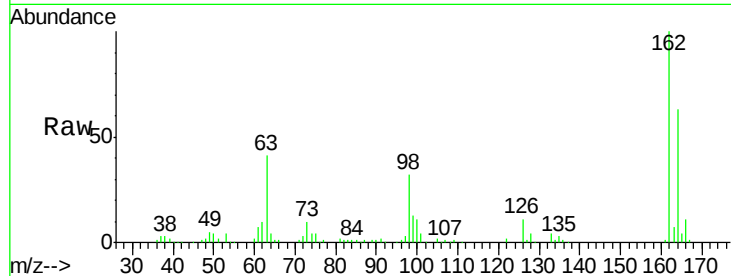
#29
 2,4-Dichlorophenol
 Concen: 41.26 ng
 RT: 8.32 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

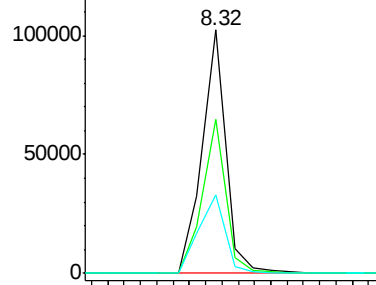
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.1	47.0	87.0
98	32.1	9.2	49.2

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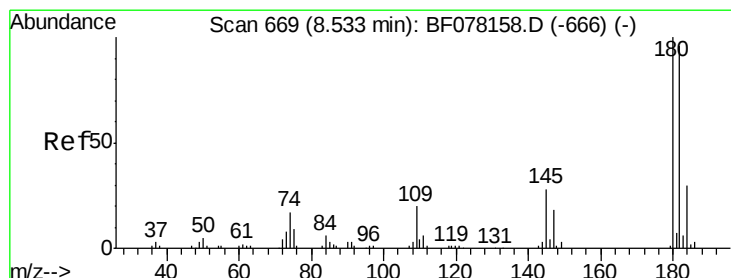
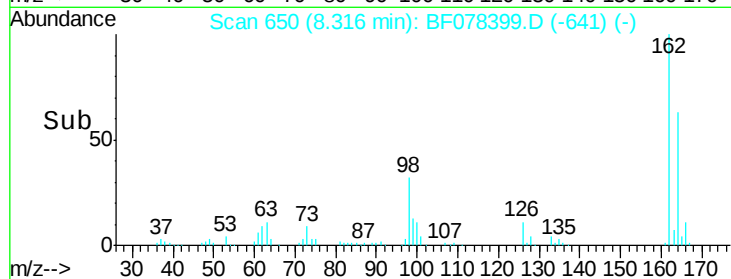
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Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

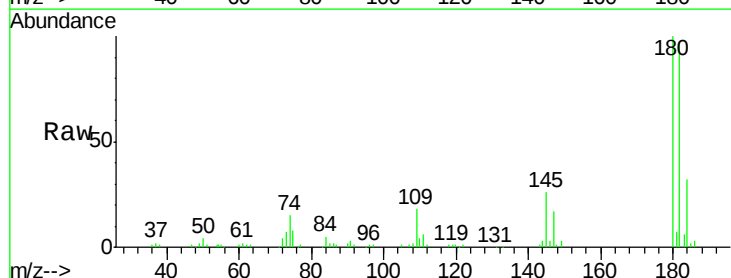


Time-->

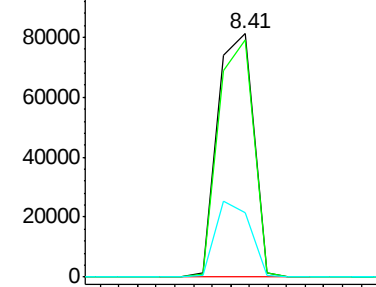


#30
 1,2,4-Trichlorobenzene
 Concen: 38.08 ng
 RT: 8.41 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

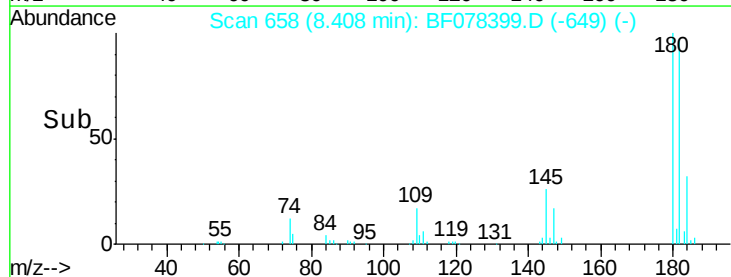
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.4	76.9	115.3
145	26.3	22.5	33.7

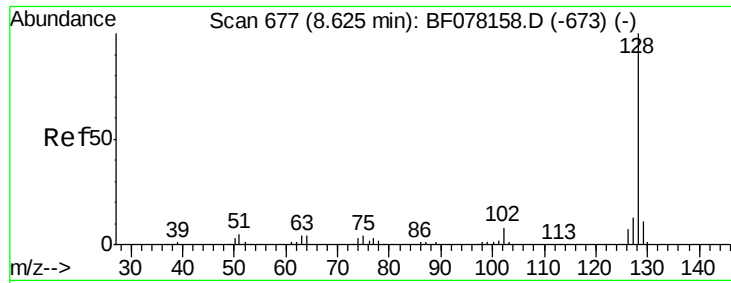


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



Time-->





#31

Naphthalene

Concen: 39.11 ng

RT: 8.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

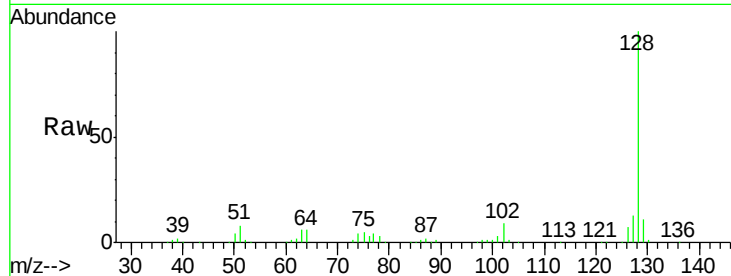
ClientSampleId :

SSTDCCC040EC

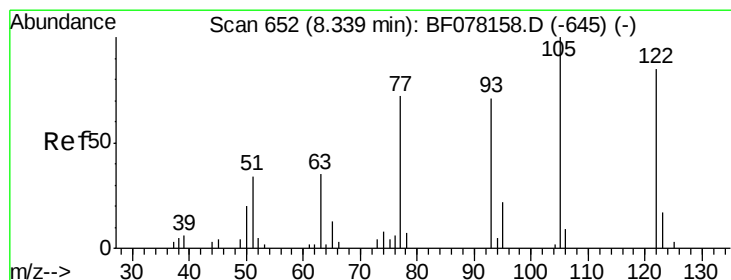
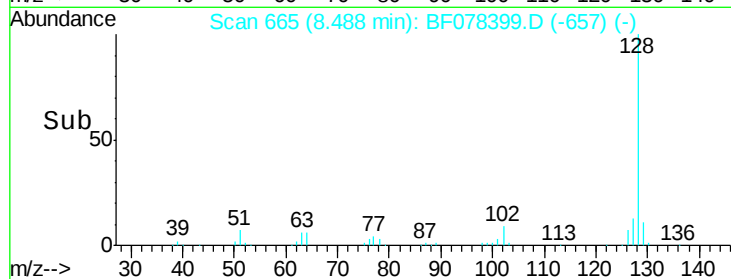
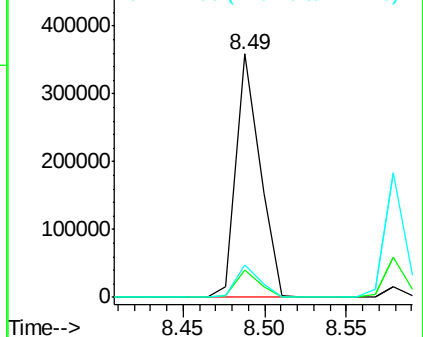
Tot Ion:	128	Resp:	364004
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	12.8
127	13.2	10.7	16.1

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.52 ng m

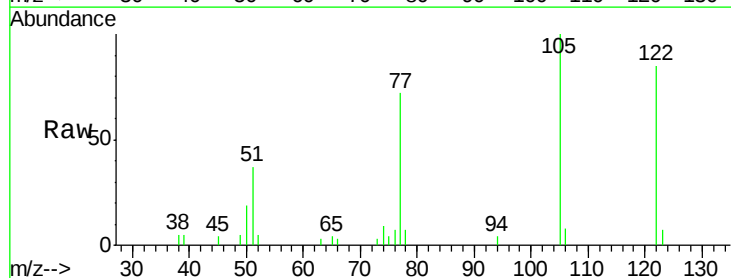
RT: 8.25 min Scan# 644

Delta R.T. 0.04 min

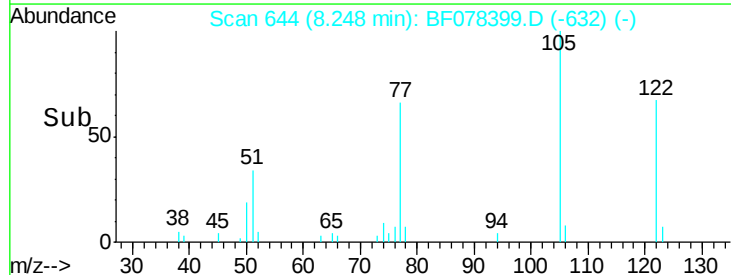
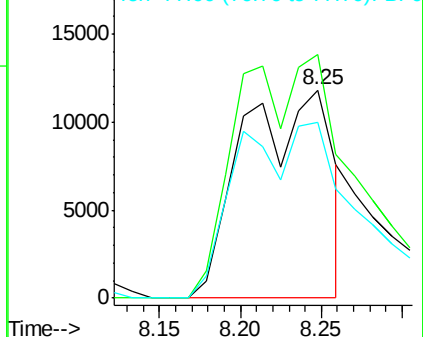
Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Tgt Ion:	122	Resp:	44917
Ion Ratio	Lower	Upper	
122	100		
105	117.1	96.1	136.1
77	84.7	64.1	104.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





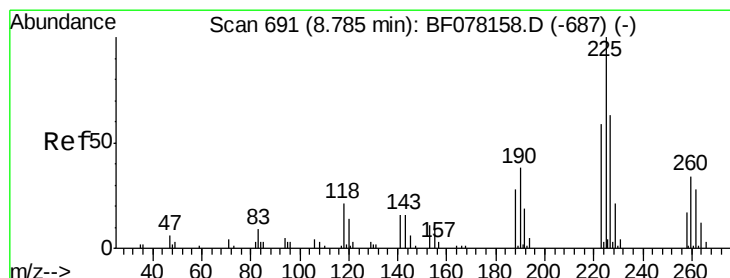
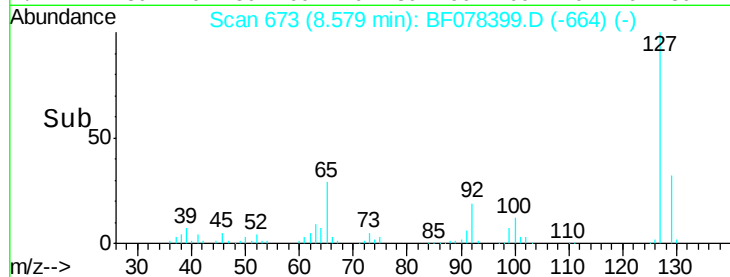
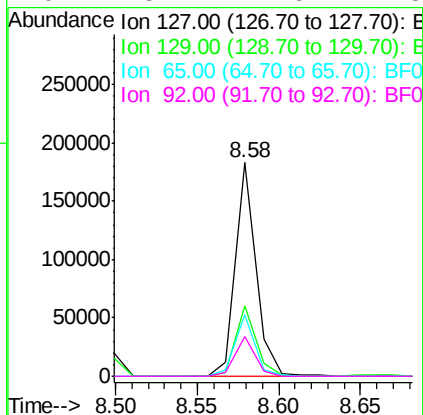
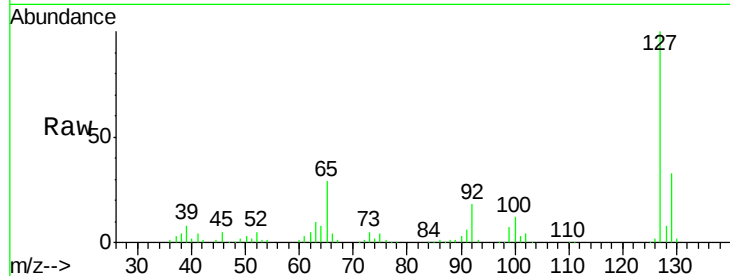
#33
4-Chloroaniline
Concen: 41.10 ng
RT: 8.58 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.5	38.3		
65	28.7	21.7	32.5		
92	18.4	14.6	21.8		

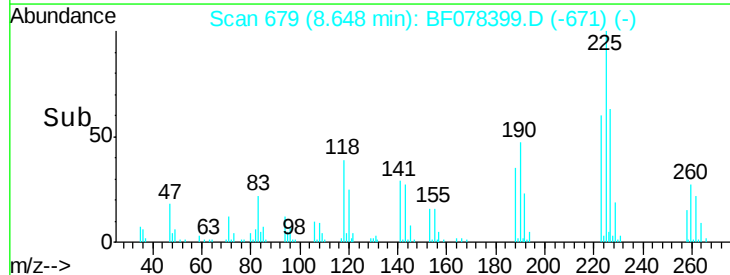
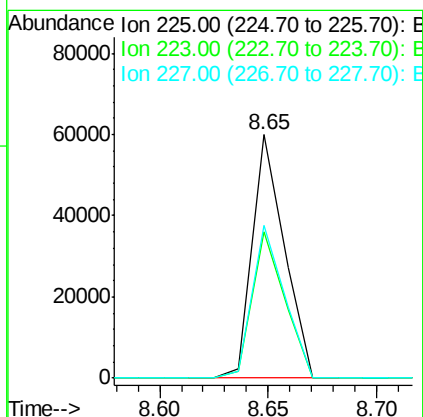
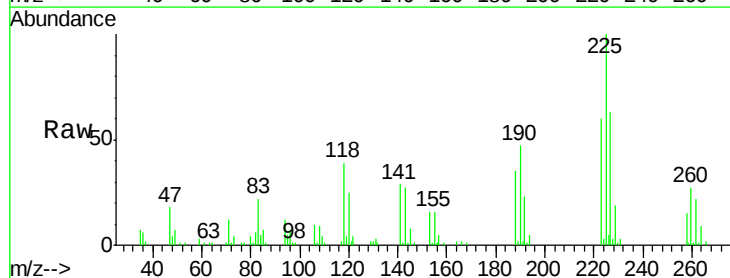
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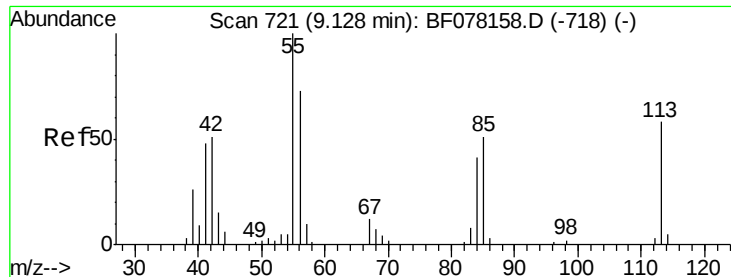
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#34
Hexachlorobutadiene
Concen: 39.14 ng
RT: 8.65 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.3	47.5	71.3		
227	62.8	50.2	75.2		





#35

Caprolactam

Concen: 45.31 ng

RT: 9.02 min Scan# 712

Delta R.T. 0.02 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

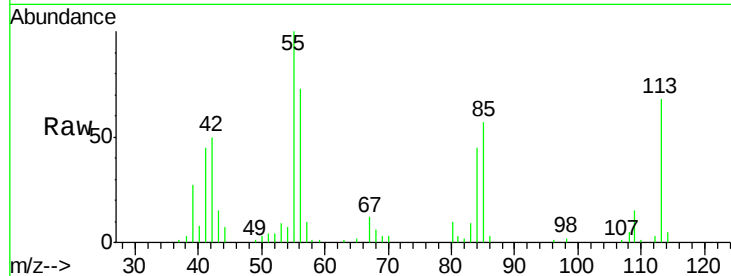
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	33633
Ion Ratio	Lower	Upper	
113	100		
55	147.8	151.9	191.9#
56	107.2	106.1	146.1

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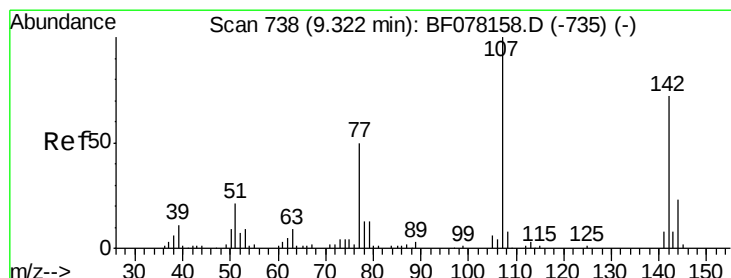
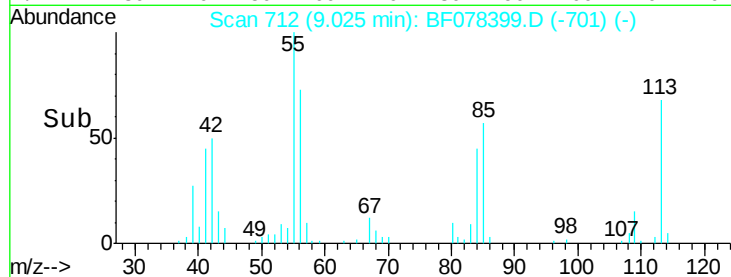
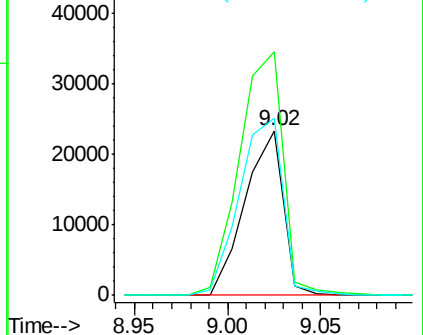
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.80 ng

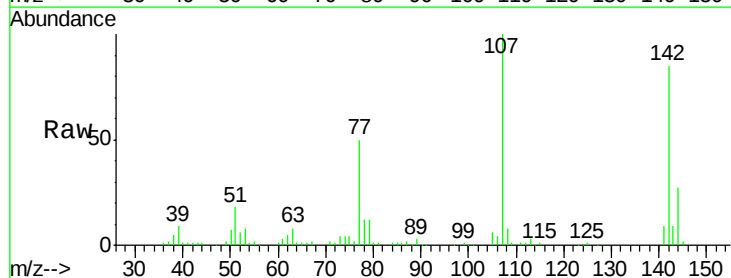
RT: 9.21 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

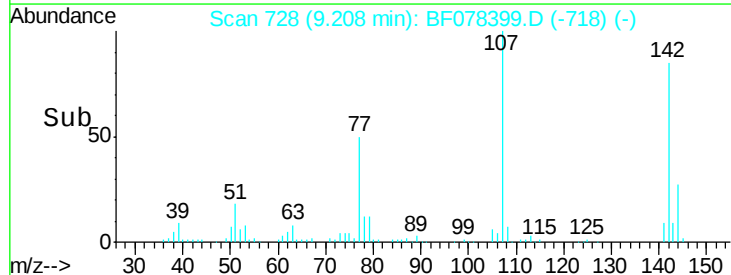
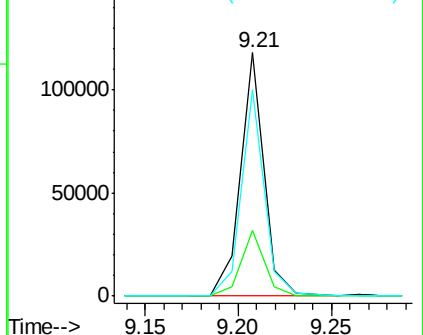
Tgt Ion:	107	Resp:	104875
Ion Ratio	Lower	Upper	
107	100		
144	26.9	18.2	27.2
142	84.9	58.0	87.0

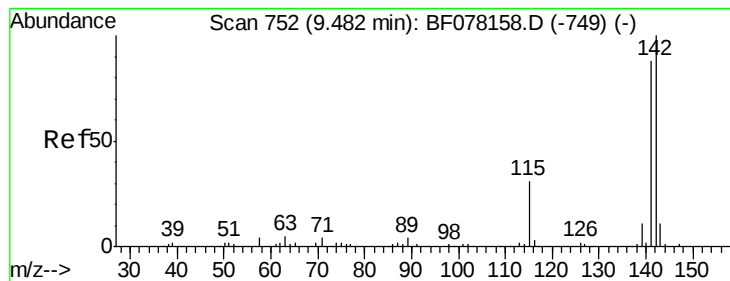


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





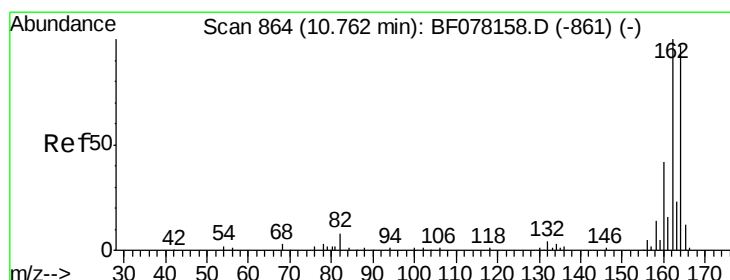
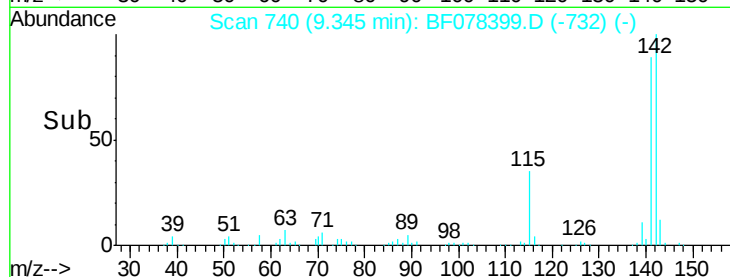
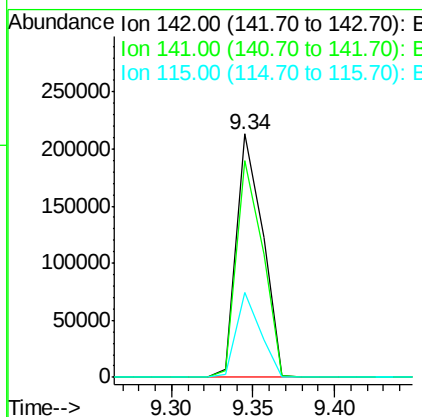
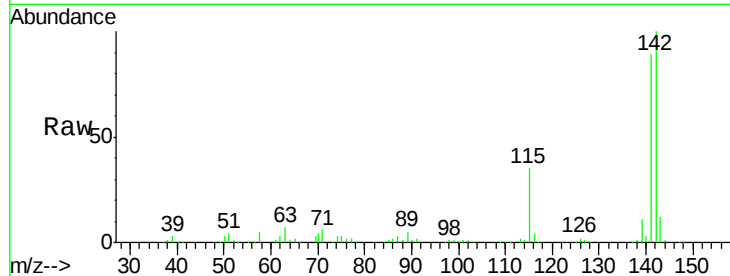
#37
2-Methylnaphthalene
Concen: 37.41 ng
RT: 9.34 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	34.8	24.6	37.0

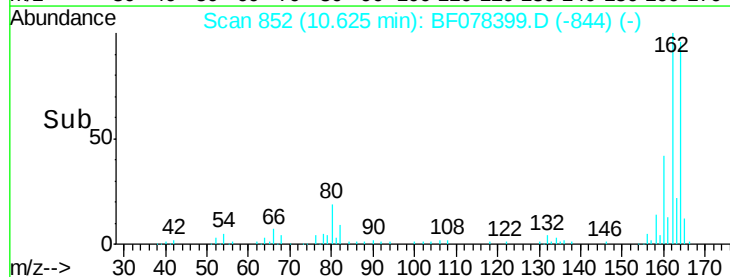
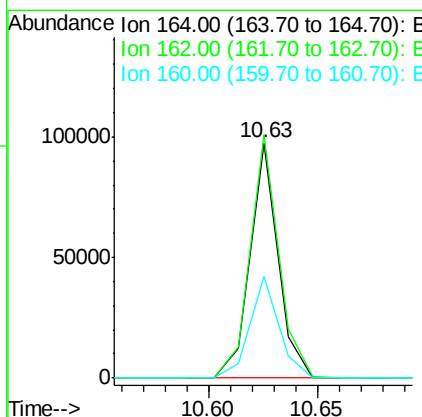
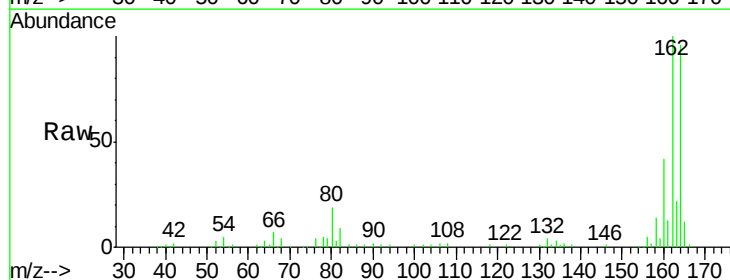
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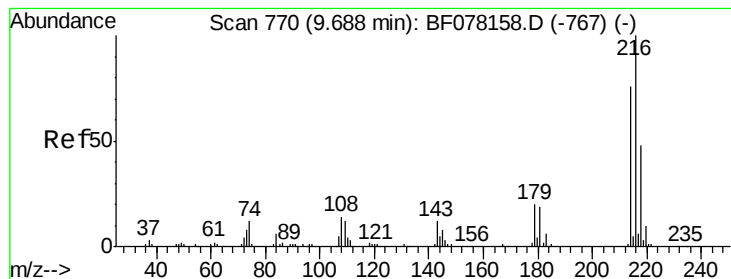
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.63 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.2	123.2
160	43.1	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.27 ng

RT: 9.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF078399.D

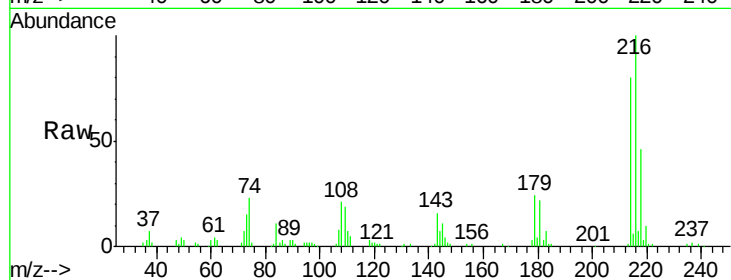
Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

ClientSampleId :

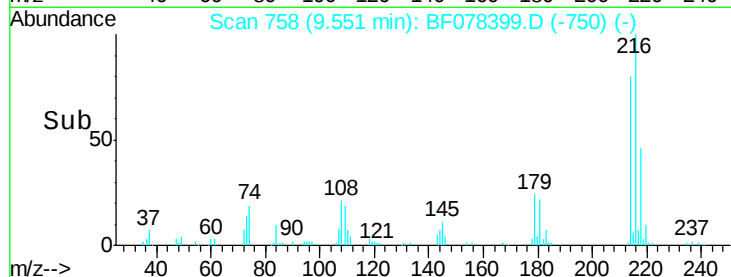
SSTDCCC040EC



Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.4	62.0	93.0
179	21.8	17.3	25.9
108	17.5	14.6	21.8

Manual Integrations
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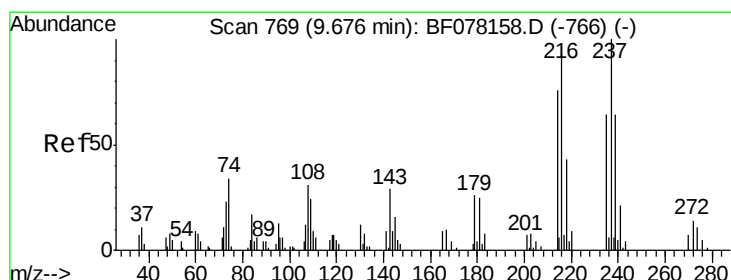
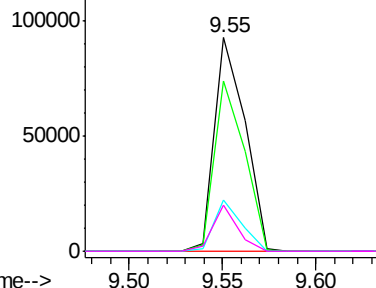


Abundance Ion 216.00 (215.70 to 216.70): E

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: 15.44 ng

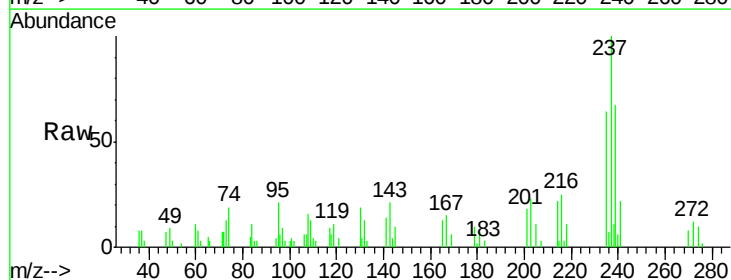
RT: 9.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

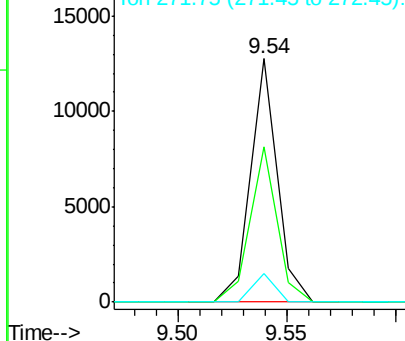
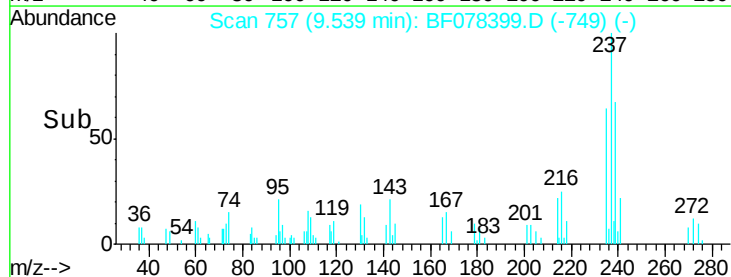
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	44.1	84.1
272	11.9	0.0	34.4

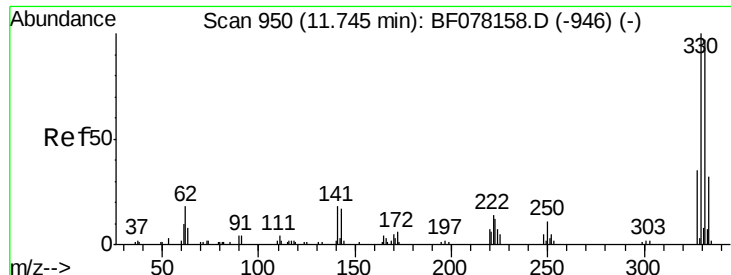


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





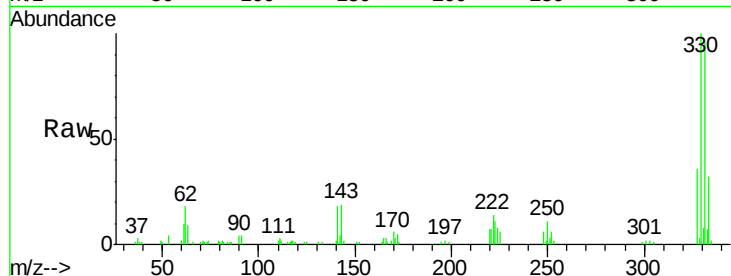
#41
 2,4,6-Tribromophenol
 Concen: 85.84 ng
 RT: 11.61 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

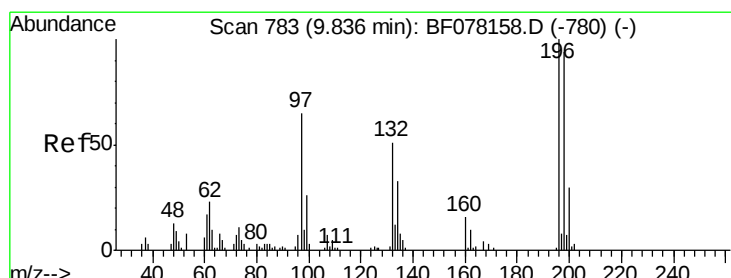
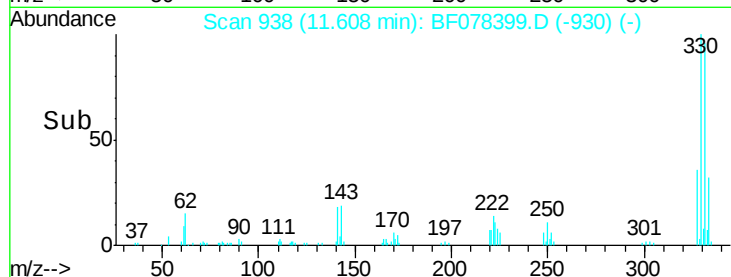
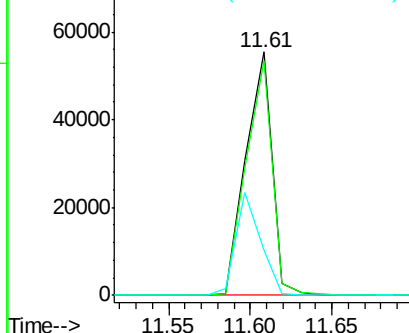
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.6	117.8
141	39.3	31.2	46.8

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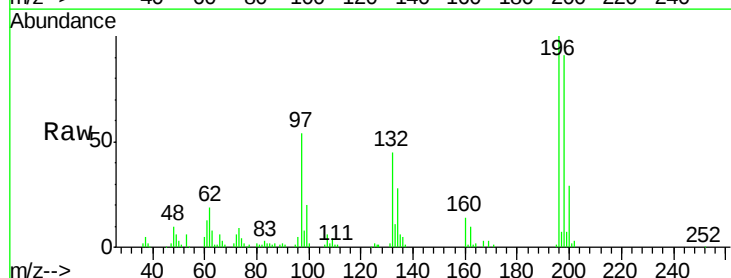


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

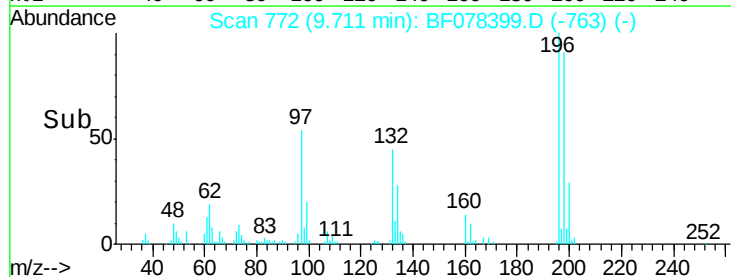
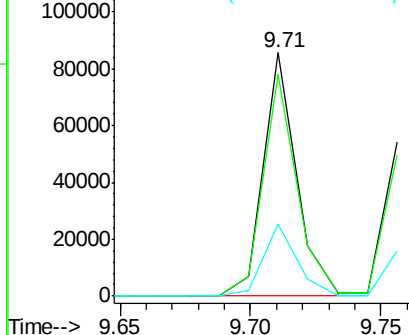


#42
 2,4,6-Trichlorophenol
 Concen: 44.80 ng
 RT: 9.71 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.1	75.4	113.2
200	29.4	24.0	36.0



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





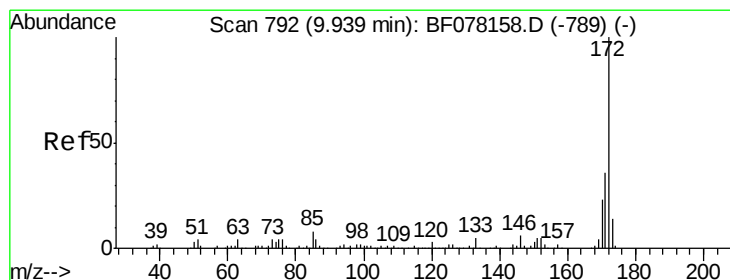
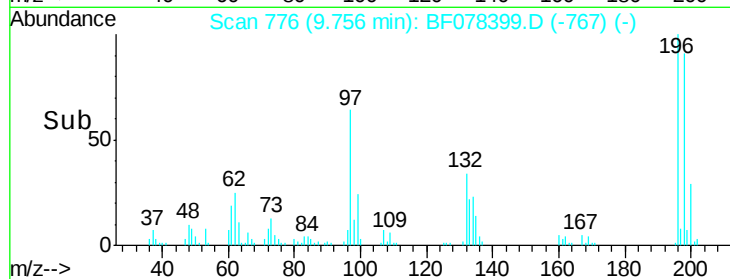
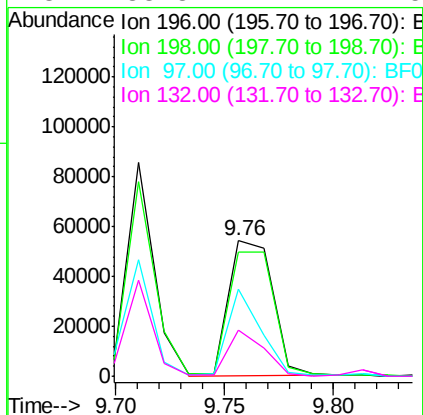
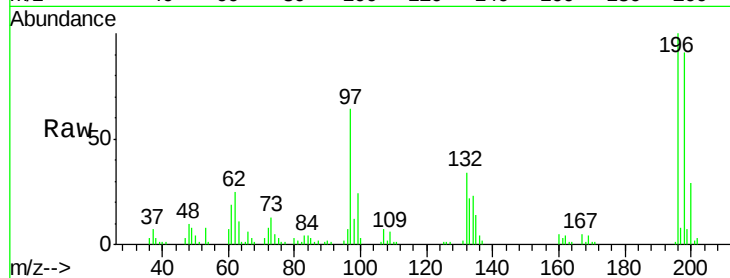
#43
 2,4,5-Trichlorophenol
 Concen: 42.64 ng
 RT: 9.76 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	196	Resp	75555
Ion Ratio	Lower	Upper	
196	100		
198	91.3	76.6	115.0
97	64.3	50.6	75.8
132	33.8	27.7	41.5

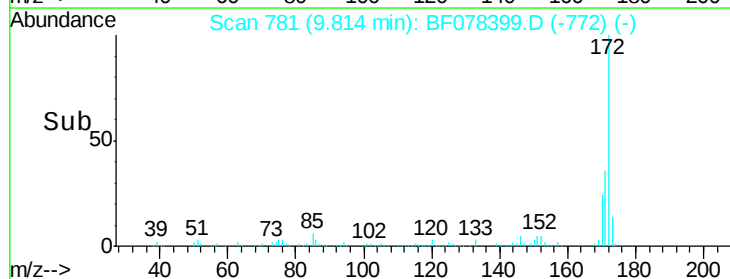
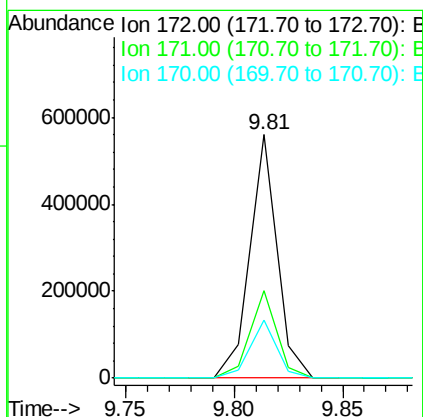
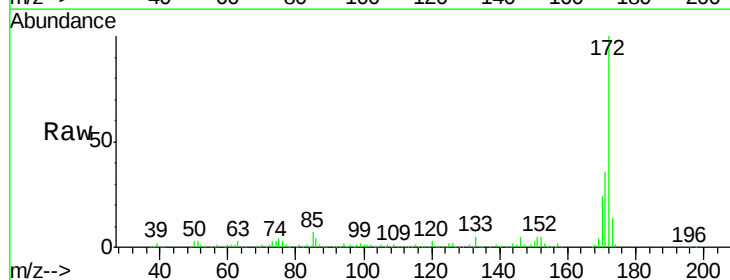
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#44
 2-Fluorobiphenyl
 Concen: 80.50 ng
 RT: 9.81 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Tgt Ion	172	Resp	488815
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.6	42.8
170	23.6	18.5	27.7





#45

1,1'-Biphenyl

Concen: 39.42 ng

RT: 9.93 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

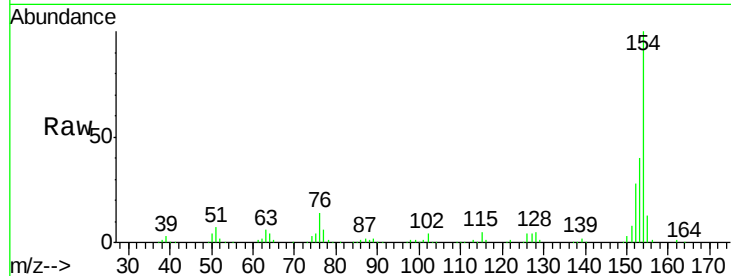
ClientSampleId :

SSTDCCC040EC

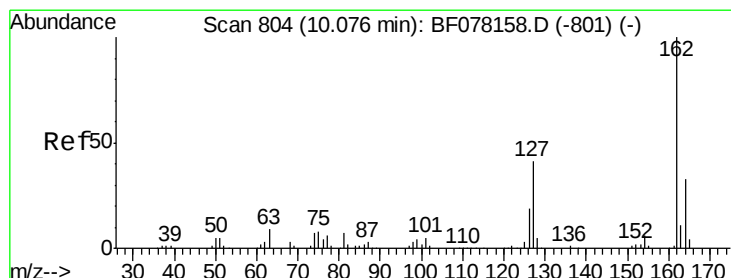
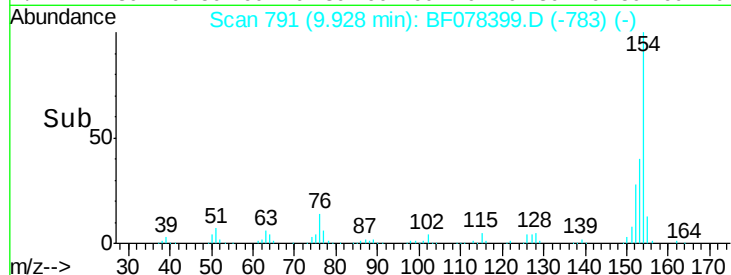
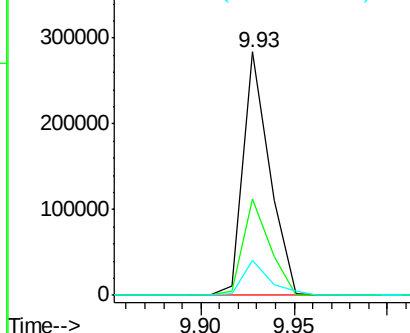
Tot Ion:	154	Resp:	279883
Ion Ratio	Lower	Upper	
154	100		
153	39.8	20.0	60.0
76	14.3	0.0	30.6

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



#46

2-Chloronaphthalene

Concen: 41.08 ng

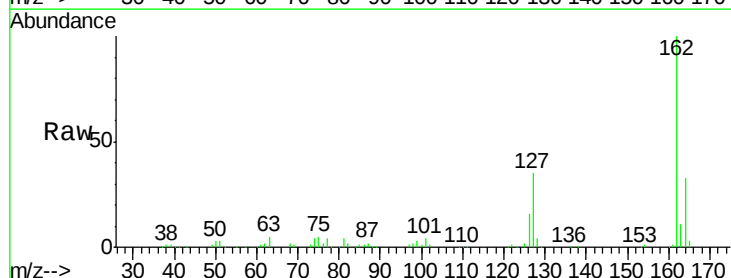
RT: 9.95 min Scan# 793

Delta R.T. 0.00 min

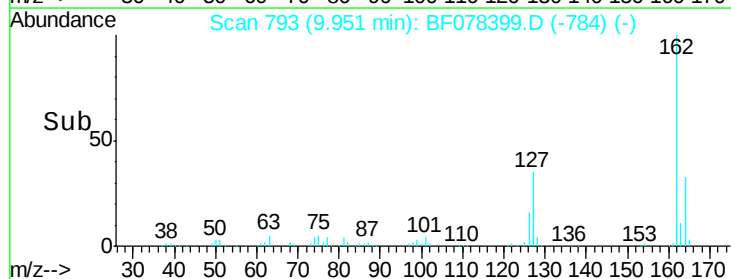
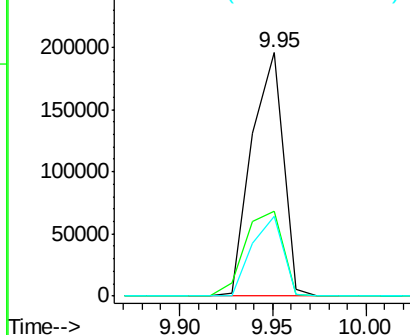
Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Tgt Ion:	162	Resp:	229497
Ion Ratio	Lower	Upper	
162	100		
127	34.9	32.6	49.0
164	32.8	26.0	39.0



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





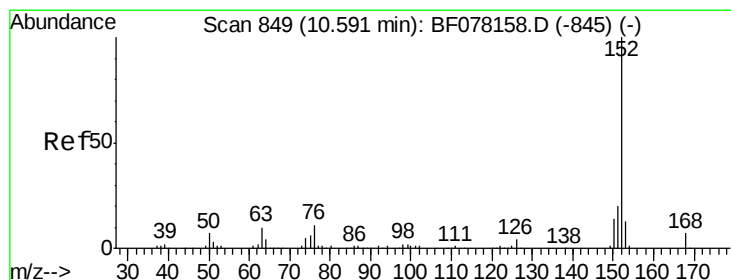
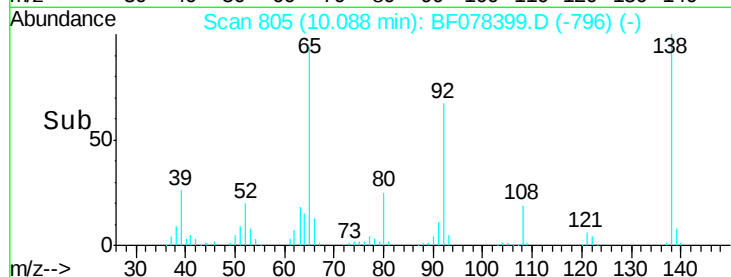
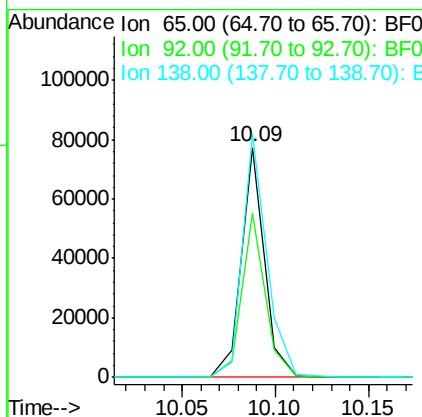
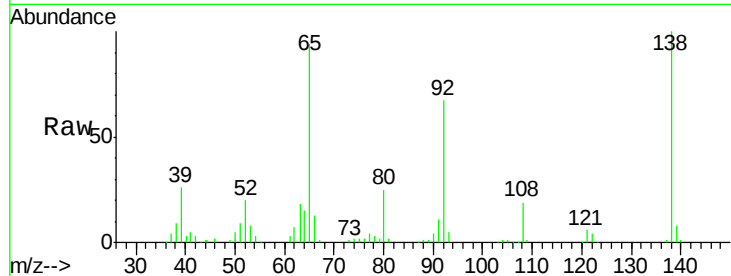
#47
2-Nitroaniline
Concen: 48.51 ng
RT: 10.09 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.5	51.3	76.9
138	106.0	70.4	105.6

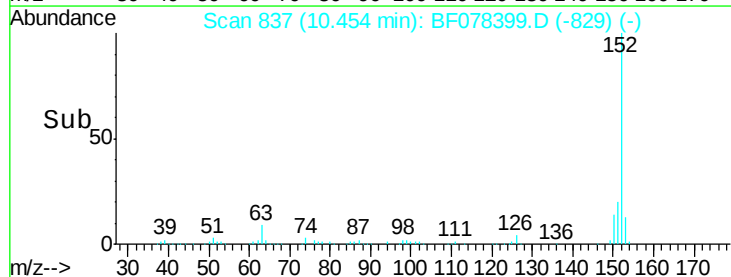
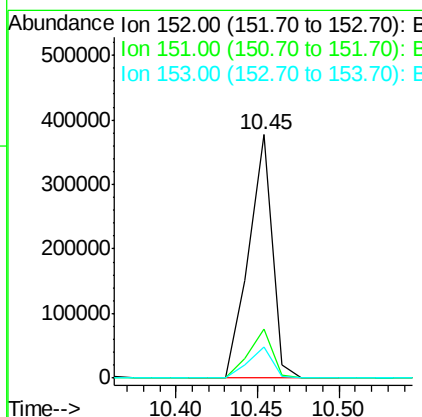
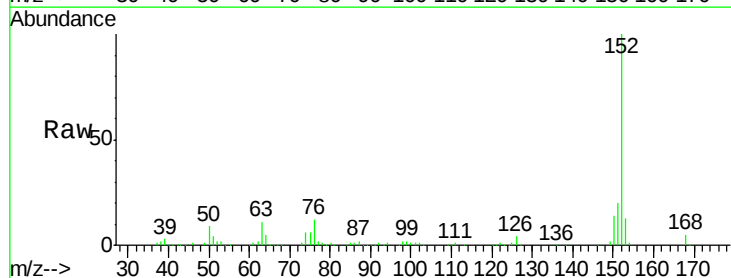
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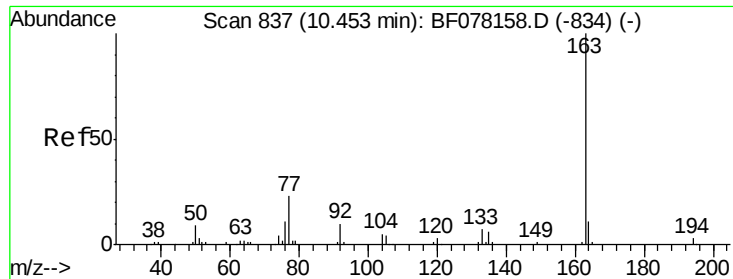
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#48
Acenaphthylene
Concen: 41.86 ng
RT: 10.45 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5
153	13.0	10.2	15.2





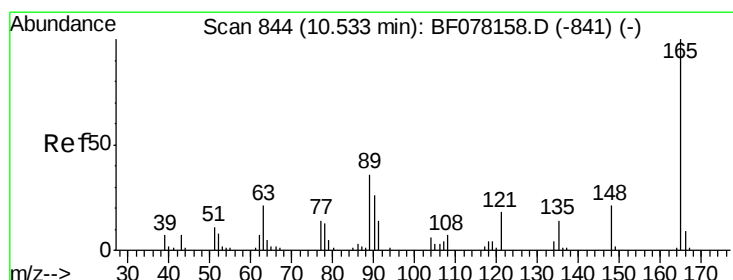
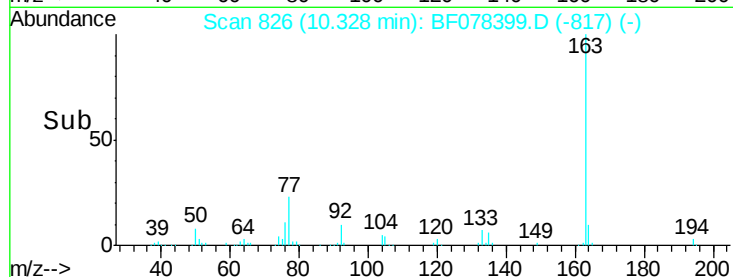
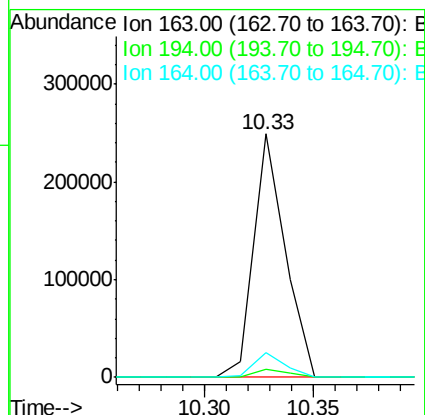
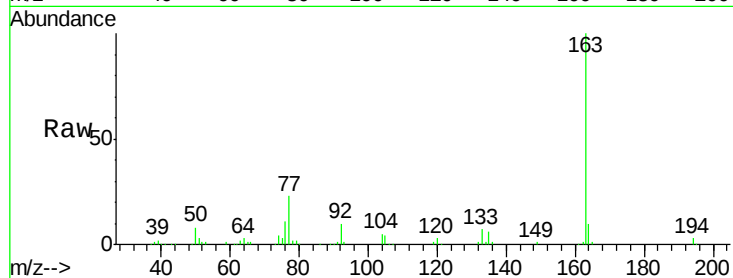
#49
Dimethylphthalate
Concen: 38.54 ng
RT: 10.33 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
163	100	251337		
194	3.3		2.3	3.5
164	9.9		8.6	13.0

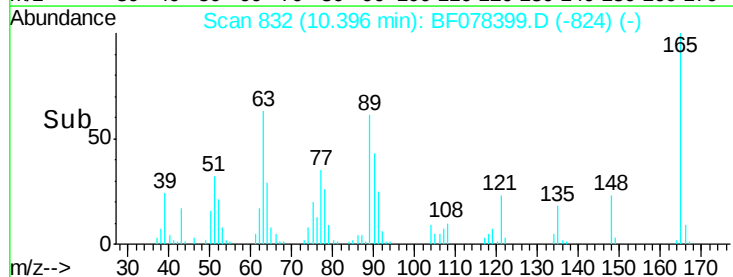
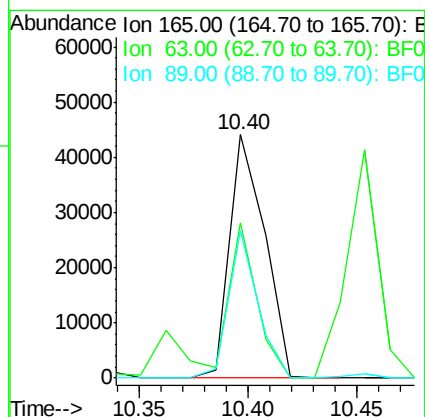
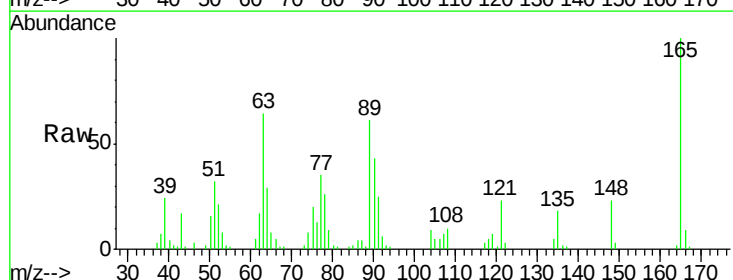
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#50
2,6-Dinitrotoluene
Concen: 36.74 ng
RT: 10.40 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	49293		
63	63.9		24.1	36.1#
89	60.8		28.9	43.3#





#51

Acenaphthene

Concen: 41.79 ng

RT: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

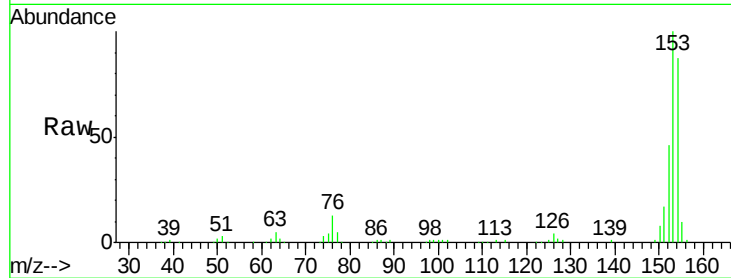
ClientSampleId :

SSTDCCC040EC

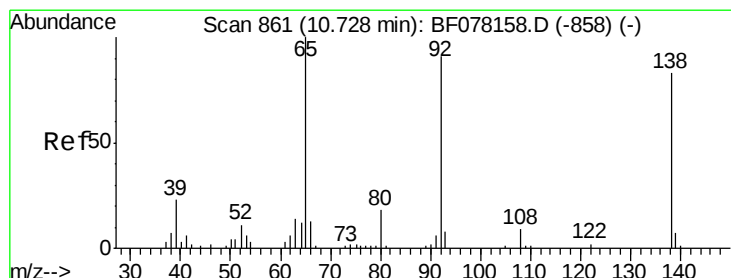
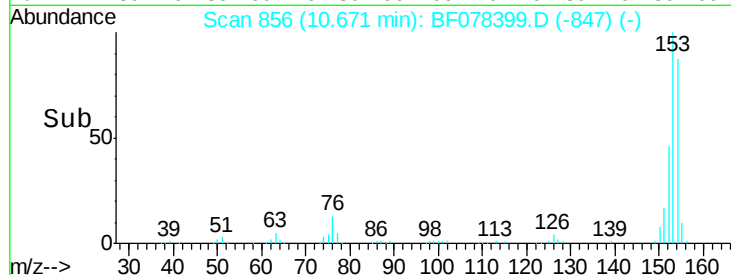
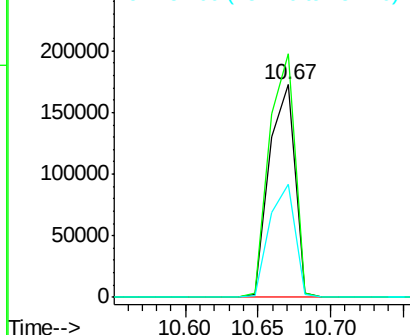
Tot Ion:	154	Resp:	212232
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.4	137.2
152	52.9	43.0	64.6

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



#52

3-Nitroaniline

Concen: 50.29 ng

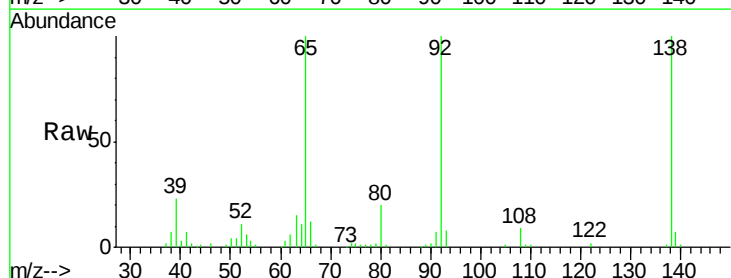
RT: 10.60 min Scan# 850

Delta R.T. 0.00 min

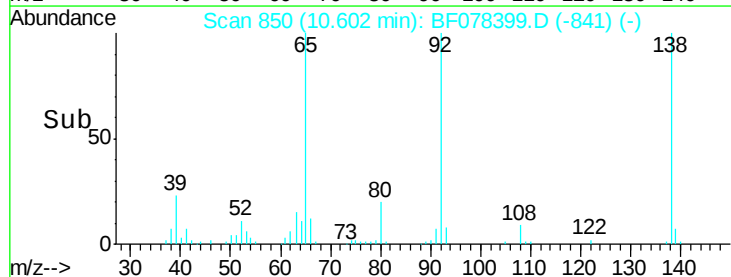
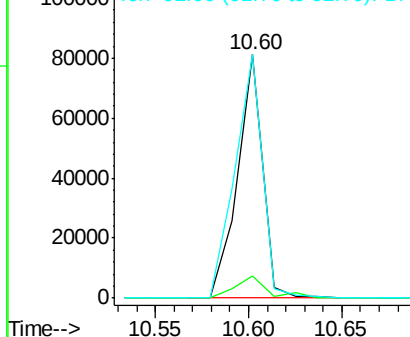
Lab File: BF078399.D

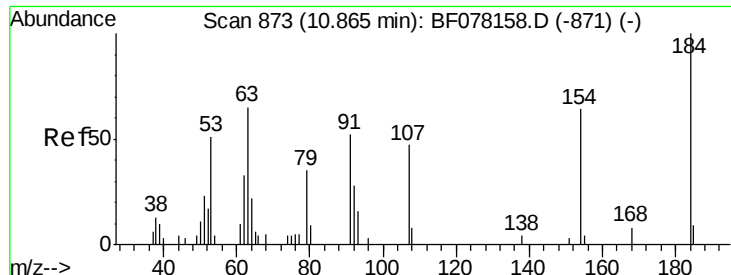
Acq: 10 Apr 2015 12:35

Tgt Ion:	138	Resp:	76717
Ion Ratio	Lower	Upper	
138	100		
108	9.1	8.2	12.4
92	99.9	88.4	132.6



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





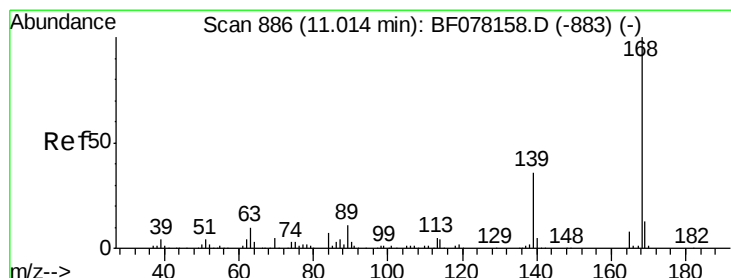
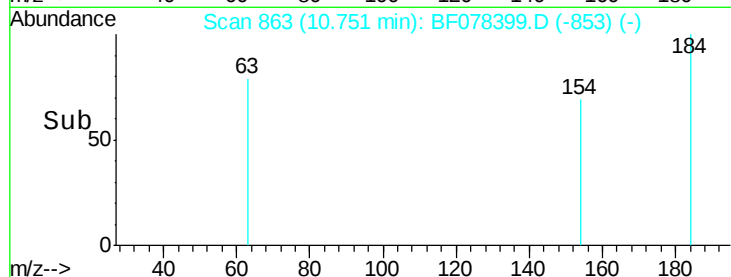
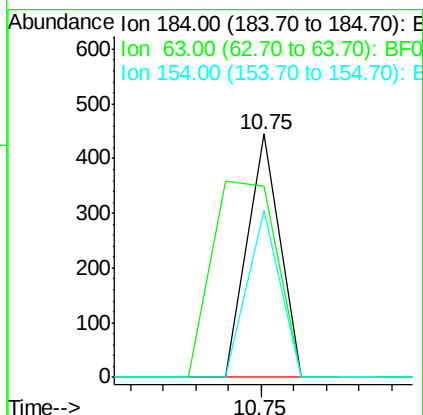
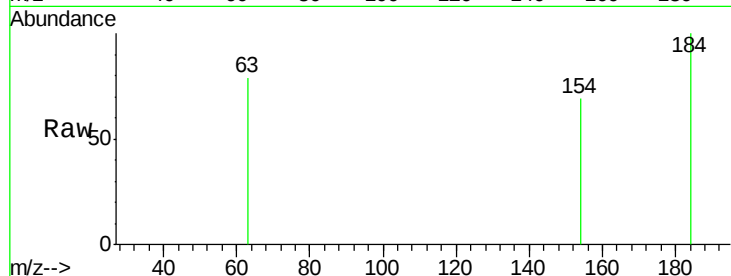
#53
 2,4-Dinitrophenol
 Concen: 8.50 ng
 RT: 10.75 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	78.7	51.9	77.9#
154	68.8	51.0	76.4

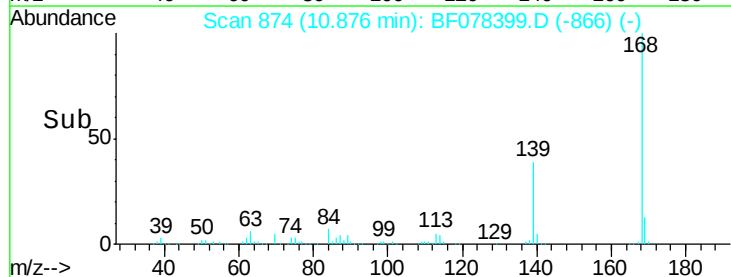
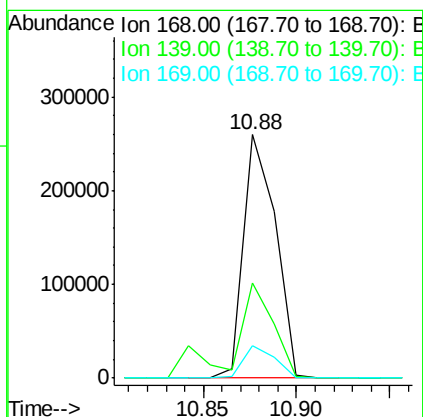
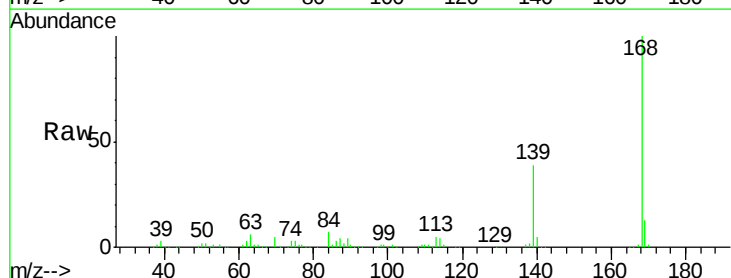
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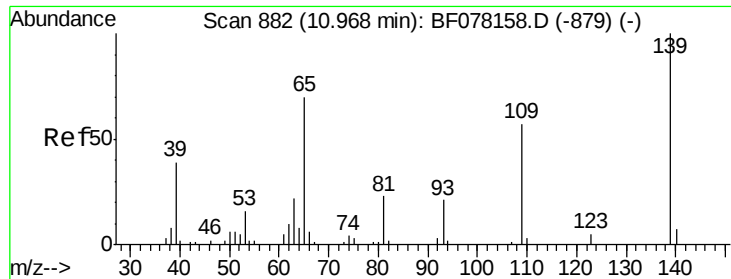
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#54
 Dibenzofuran
 Concen: 39.98 ng
 RT: 10.88 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.0	46.4
169	13.3	10.7	16.1





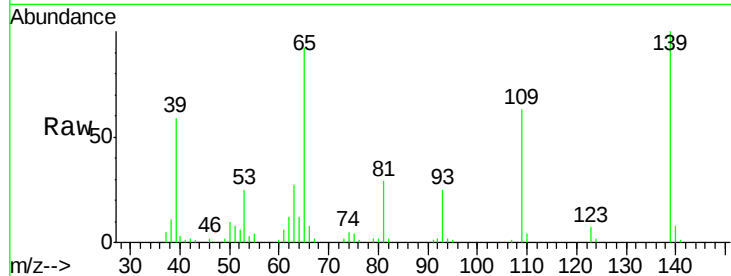
#55
4-Nitrophenol
Concen: 36.65 ng/ml
RT: 10.84 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

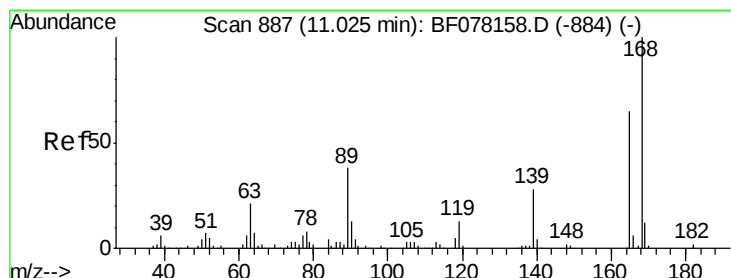
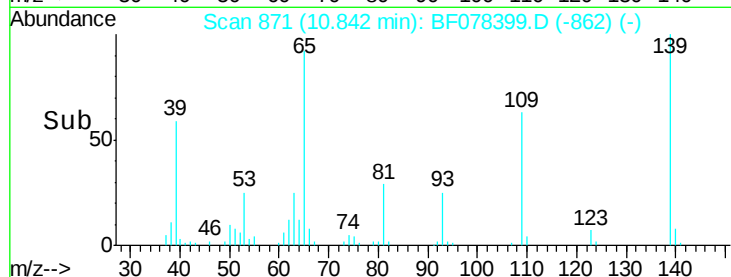
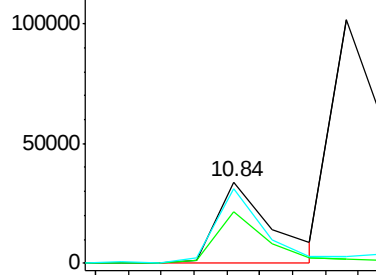
Tot Ion	Ratio	Resp	Lower	Upper
139	100	39432		
109	62.8	36.7	76.7	
65	91.6	49.9	89.9	

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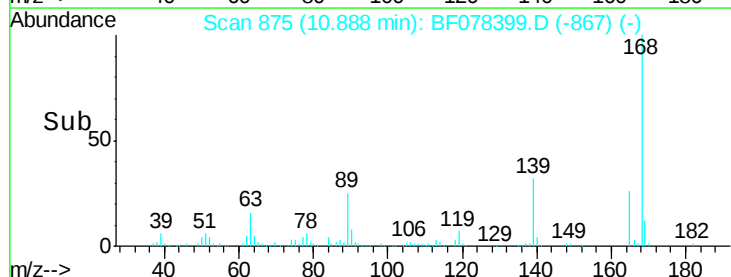
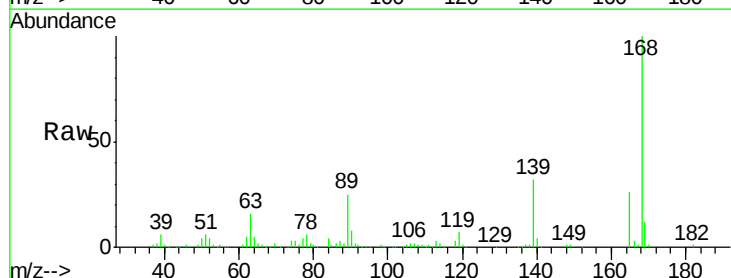
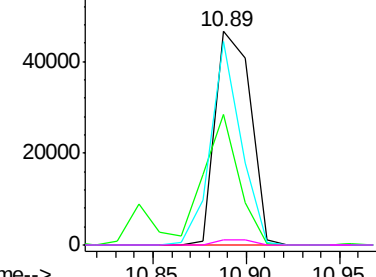
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

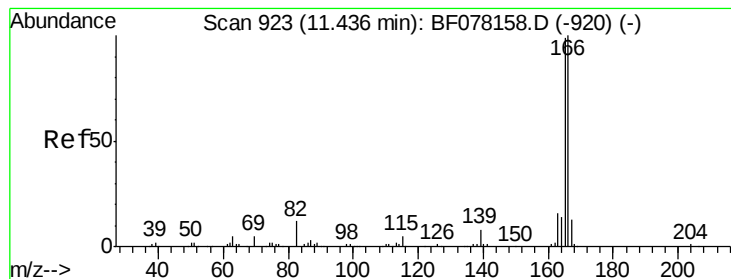


#56
2,4-Dinitrotoluene
Concen: 35.32 ng
RT: 10.89 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	61375		
63	60.9	26.5	39.7	
89	95.3	46.4	69.6	
182	2.5	2.0	3.0	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.60 ng

RT: 11.30 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

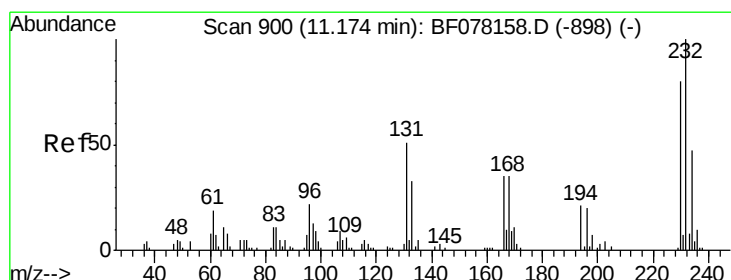
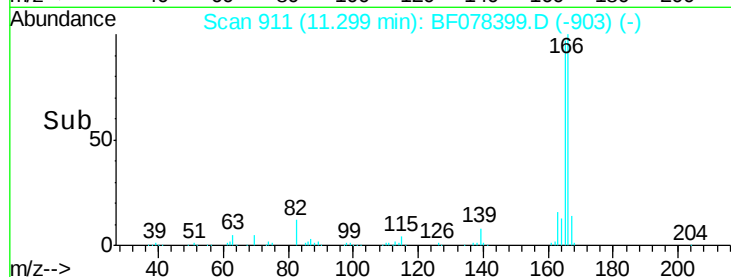
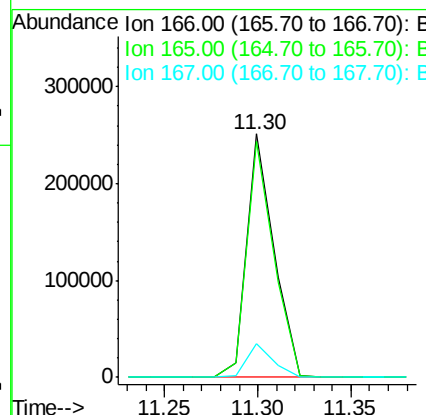
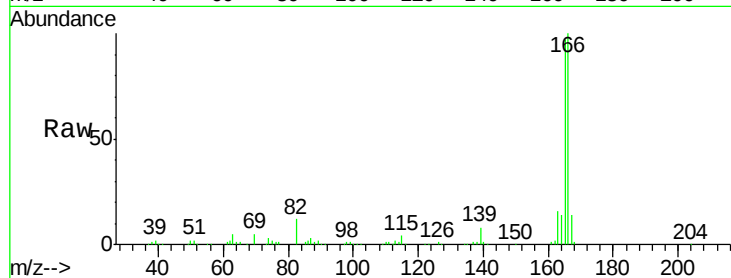
ClientSampleId :

SSTDCCC040EC

Tot Ion:	166	Resp:	255274
Ion Ratio	Lower	Upper	
166	100		
165	96.9	78.9	118.3
167	13.8	10.7	16.1

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.44 ng

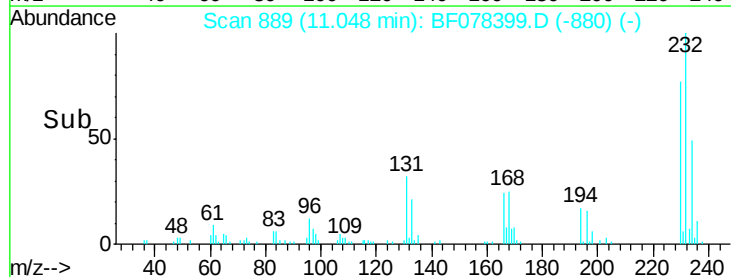
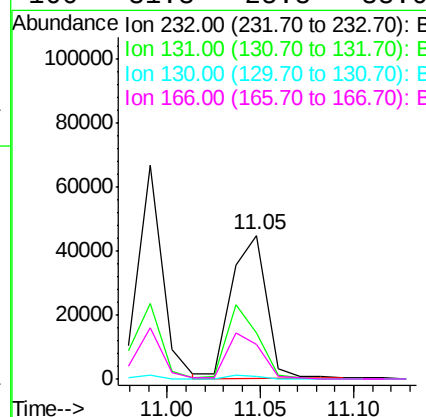
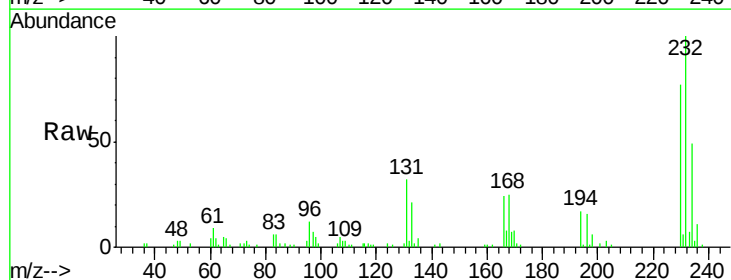
RT: 11.05 min Scan# 889

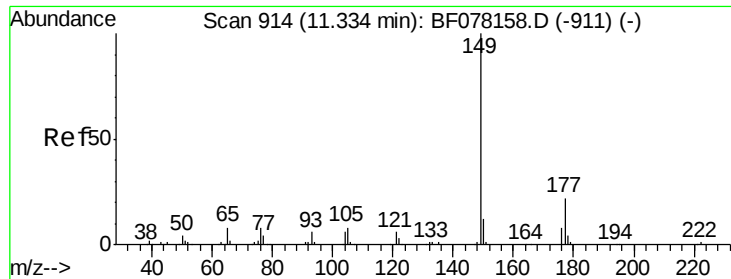
Delta R.T. 0.00 min

Lab File: BF078399.D

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Tgt Ion:	232	Resp:	58387
Ion Ratio	Lower	Upper	
232	100		
131	47.1	37.8	56.8
130	2.4	1.5	2.3#
166	31.3	25.8	38.6





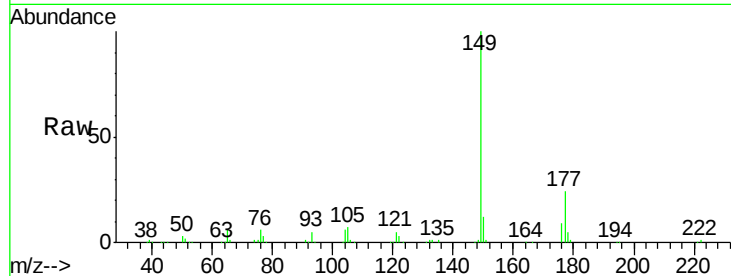
#59
Diethylphthalate
Concen: 40.73 ng
RT: 11.21 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

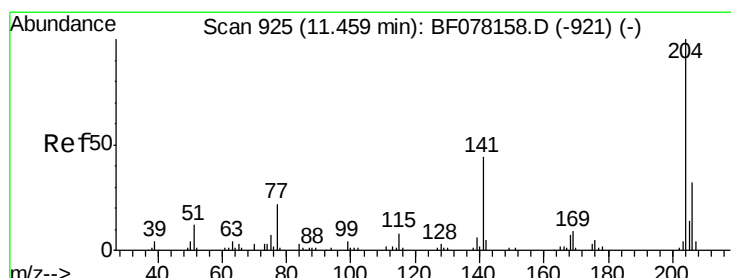
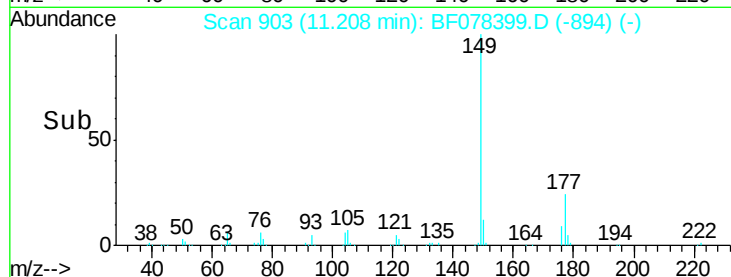
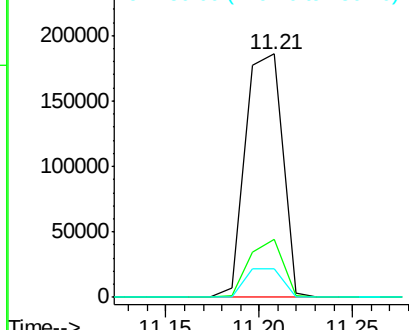
Tot Ion	Ratio	Resp	Lower	Upper
149	100	256101		
177	23.7		17.4	26.2
150	11.9		9.4	14.2

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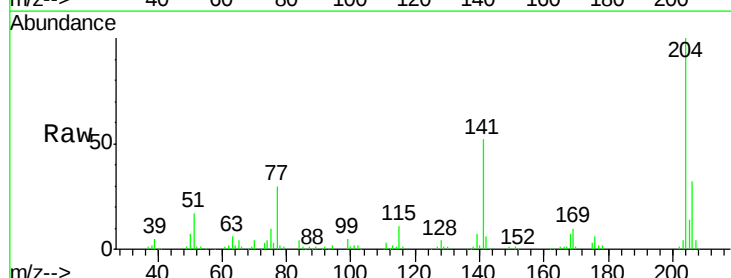


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

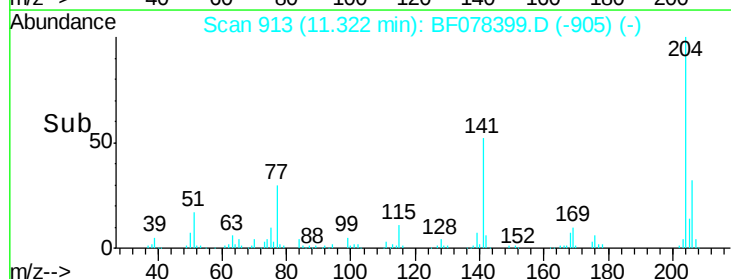
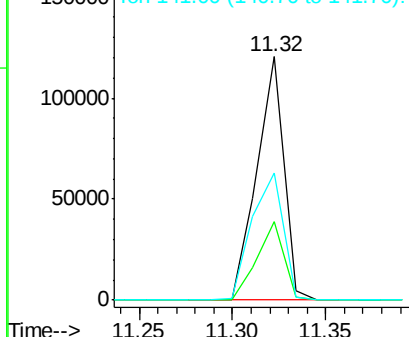


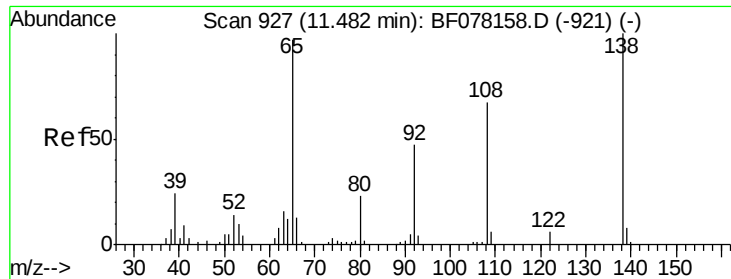
#60
4-Chlorophenyl-phenylether
Concen: 41.72 ng
RT: 11.32 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	120670		
206	32.4		25.6	38.4
141	52.4		35.4	53.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





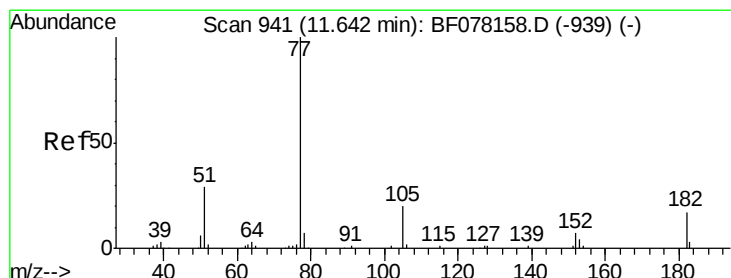
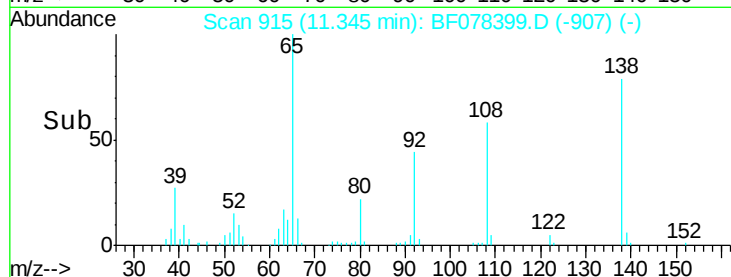
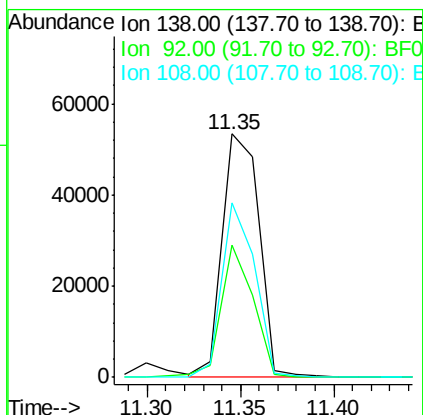
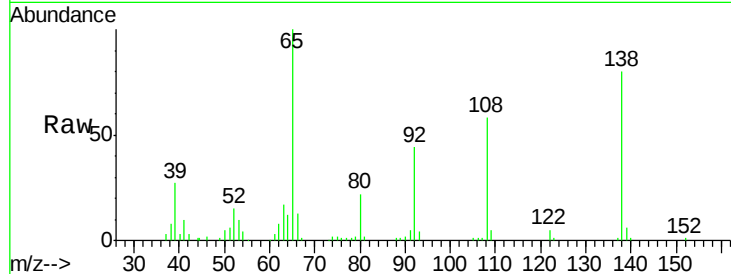
#61
4-Nitroaniline
Concen: 47.77 ng
RT: 11.35 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.5	27.3	67.3
108	71.6	47.2	87.2

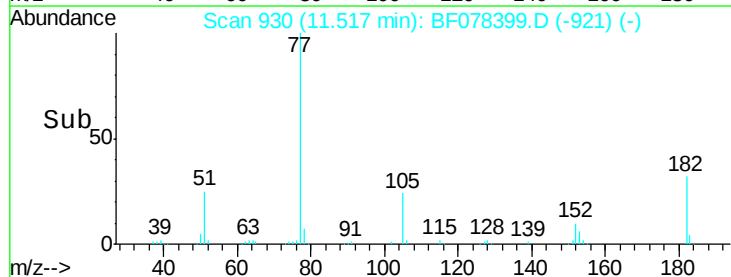
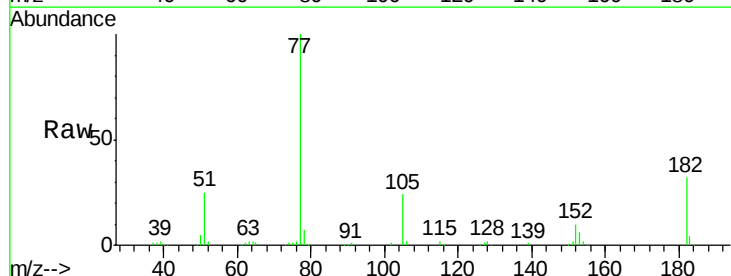
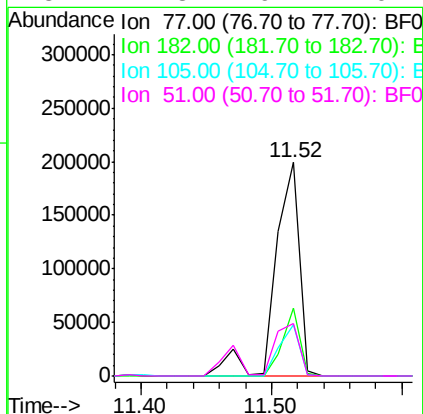
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#62
Azobenzene
Concen: 45.19 ng
RT: 11.52 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.7	0.0	36.8
105	24.2	0.3	40.3
51	24.8	9.1	49.1





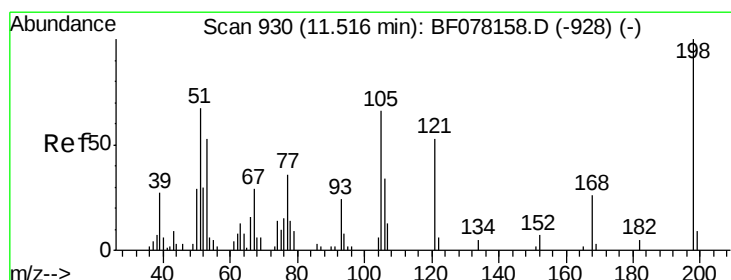
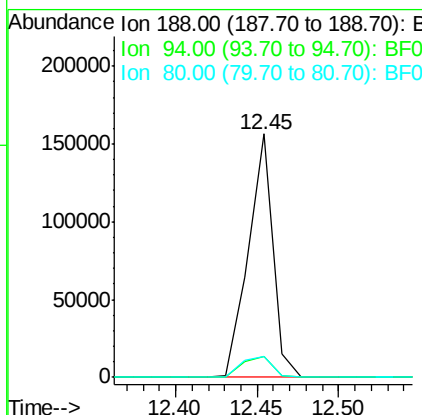
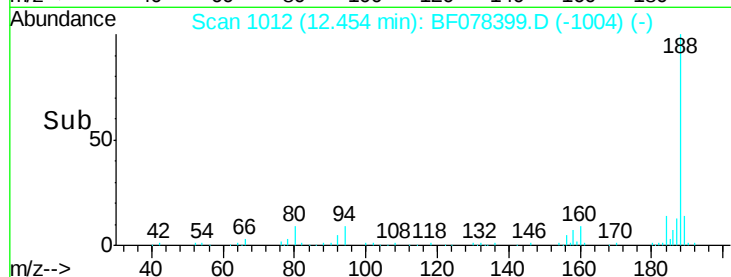
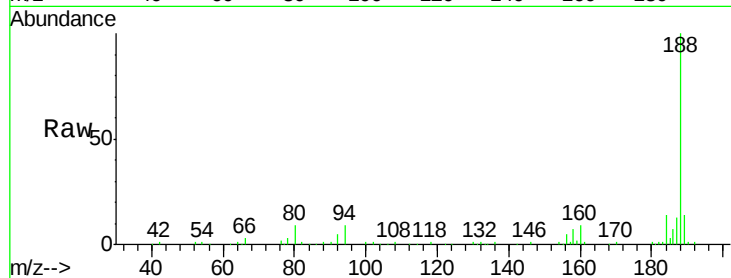
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.45 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	9.0	13.4#
80	8.7	9.5	14.3#

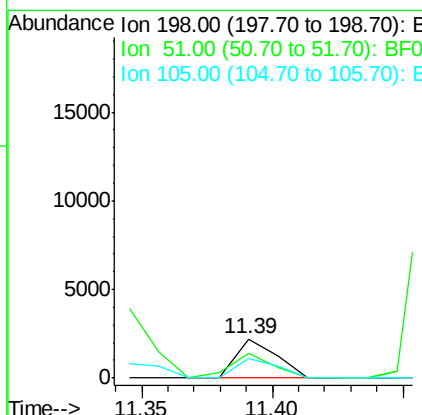
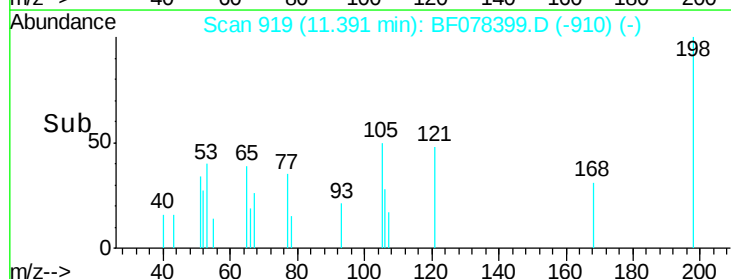
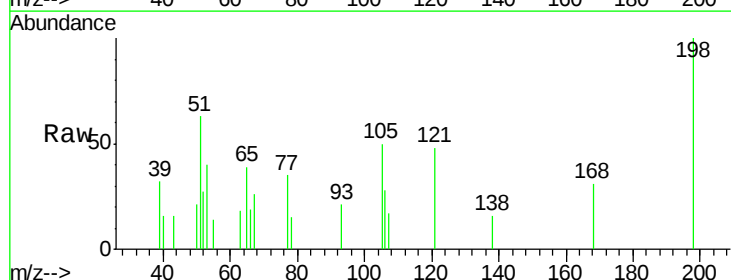
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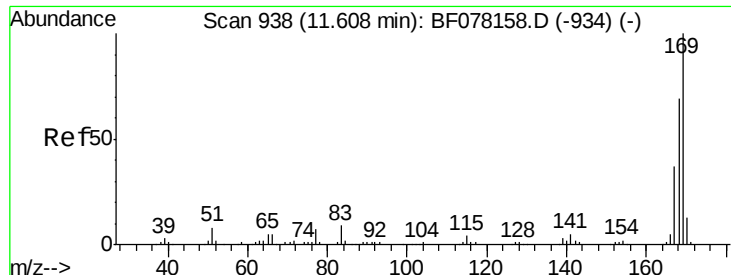
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.98 ng
 RT: 11.39 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	62.6	48.6	88.6
105	50.1	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 41.31 ng

RT: 11.47 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

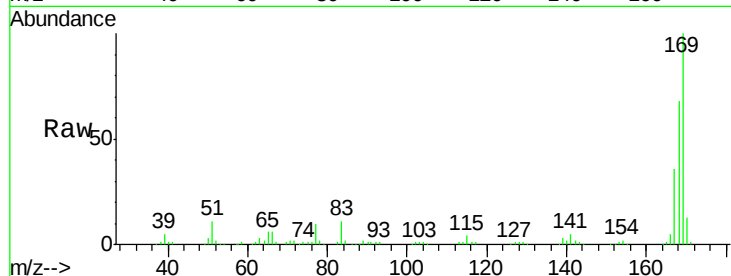
ClientSampleId :

SSTDCCC040EC

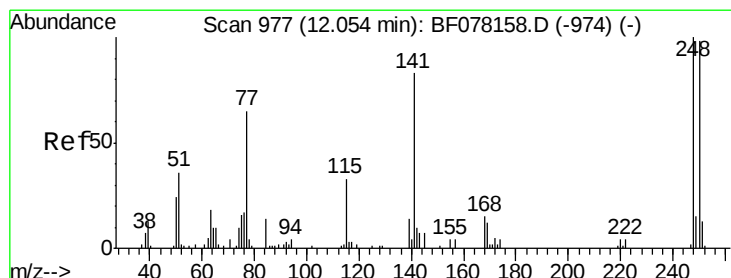
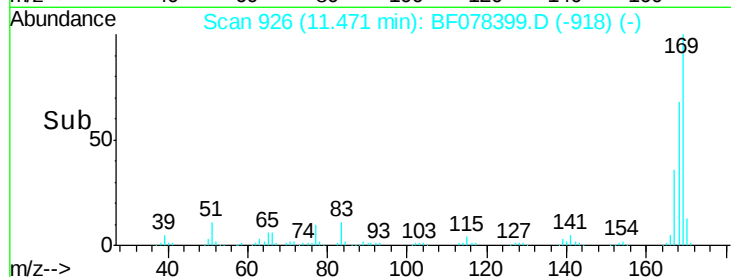
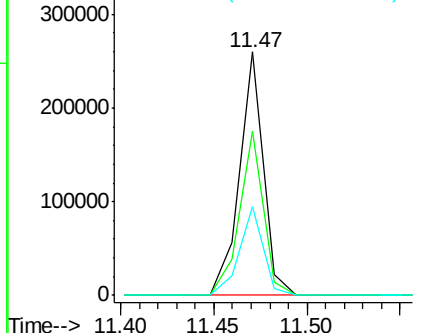
Tot Ion:	169	Resp:	232343
Ion Ratio	Lower	Upper	
169	100		
168	67.7	55.0	82.4
167	36.5	29.3	43.9

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.32 ng

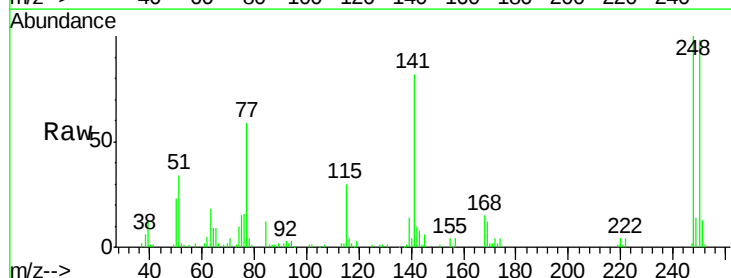
RT: 11.92 min Scan# 965

Delta R.T. -0.01 min

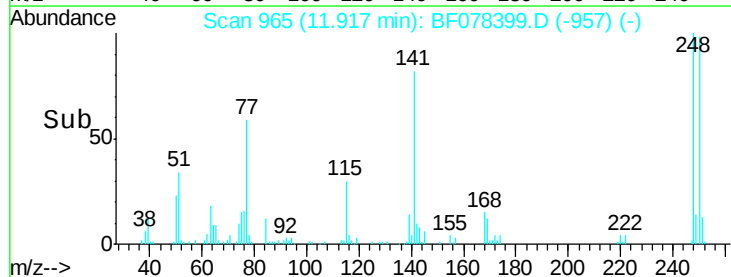
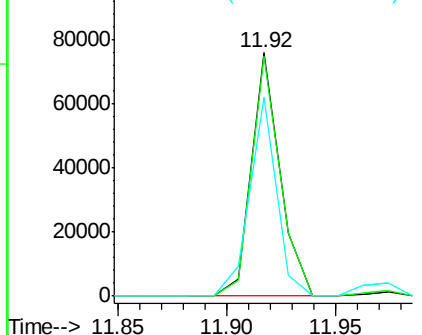
Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Tgt Ion:	248	Resp:	69419
Ion Ratio	Lower	Upper	
248	100		
250	98.3	78.2	117.2
141	81.8	66.4	99.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





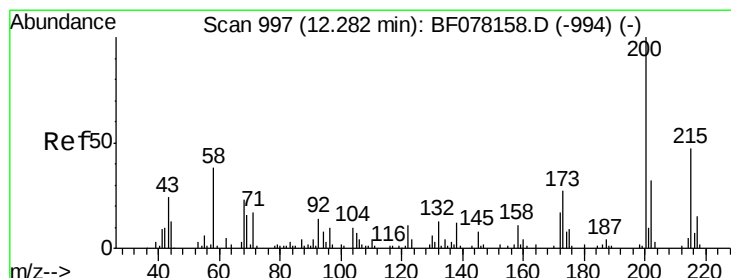
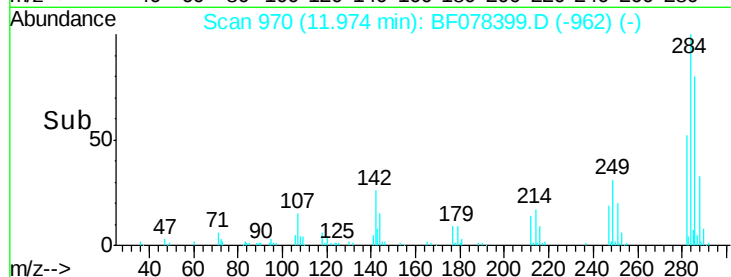
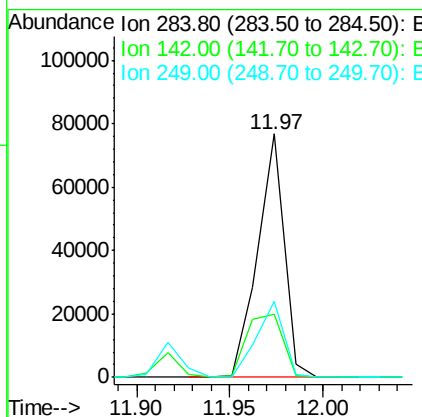
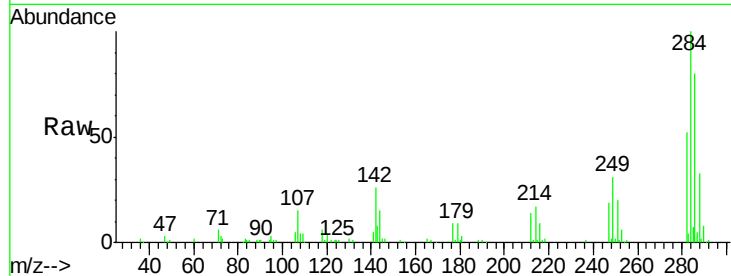
#67
Hexachlorobenzene
Concen: 39.82 ng
RT: 11.97 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.0	24.5	36.7
249	31.1	24.8	37.2

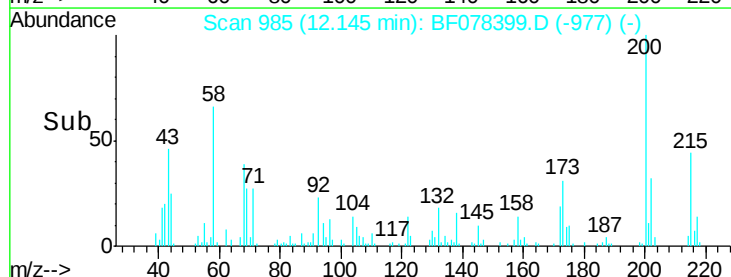
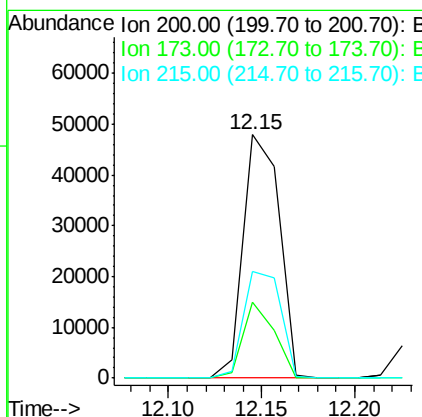
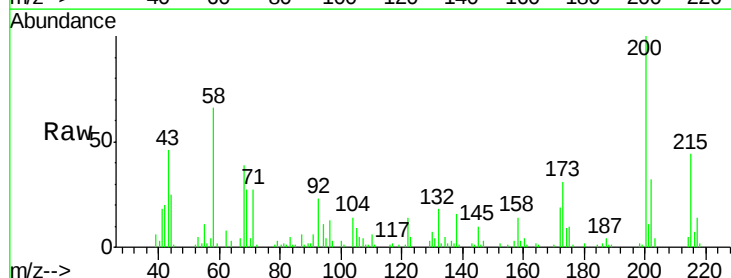
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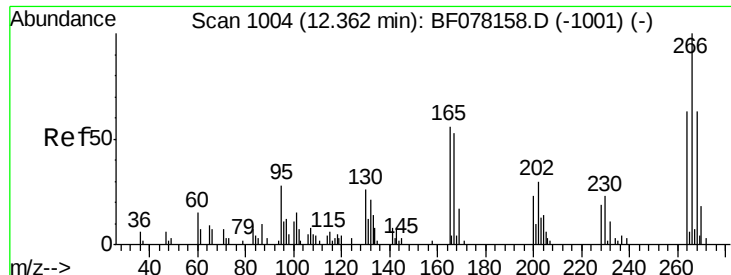
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#68
Atrazine
Concen: 39.44 ng
RT: 12.15 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.2	6.9	46.9
215	43.9	27.1	67.1





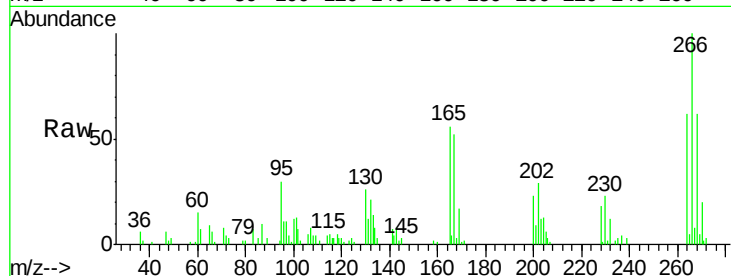
#69
 Pentachlorophenol
 Concen: 46.44 ng
 RT: 12.23 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

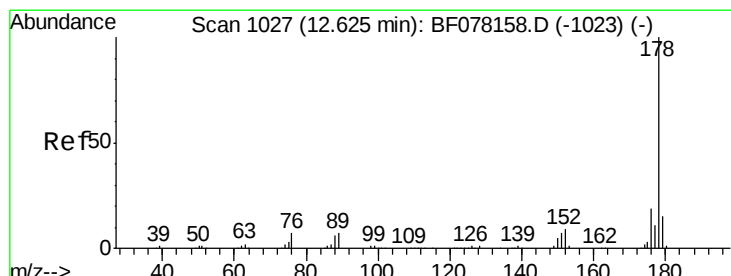
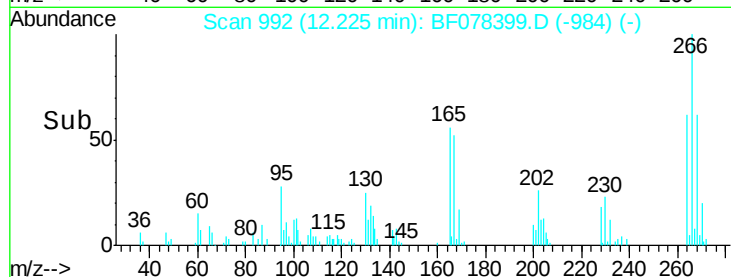
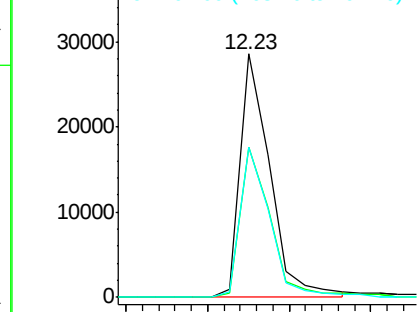
Tot Ion	Ratio	Resp	Lower	Upper
266	100	35838		
268	61.6	50.1	75.1	
264	61.8	50.0	75.0	

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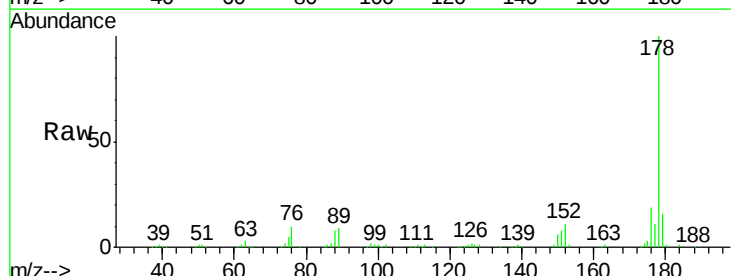


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

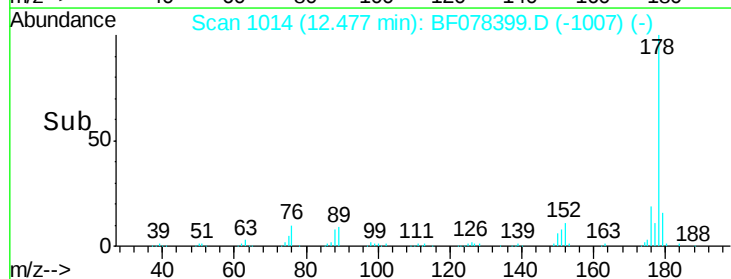
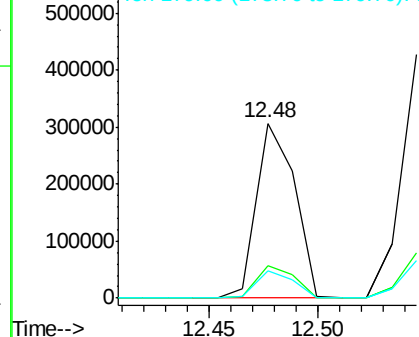


#70
 Phenanthrene
 Concen: 40.13 ng
 RT: 12.48 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	377395		
176	18.9	15.4	23.0	
179	15.8	12.2	18.2	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





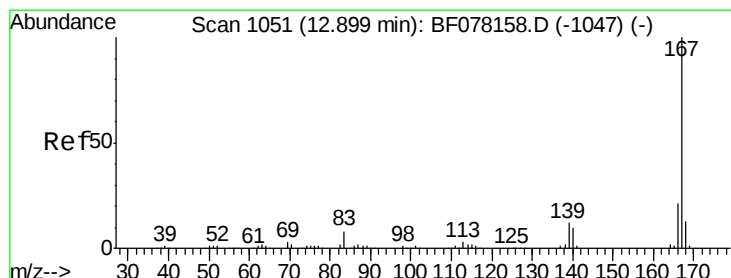
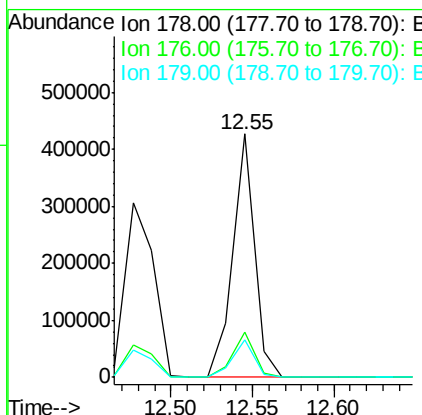
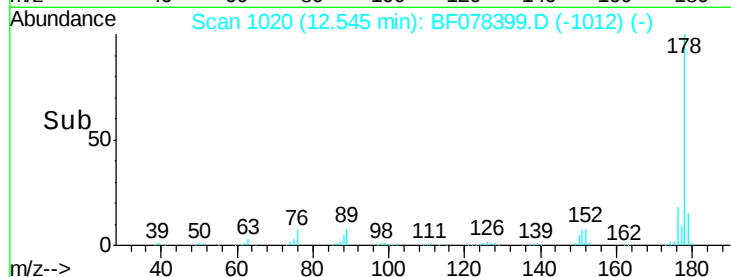
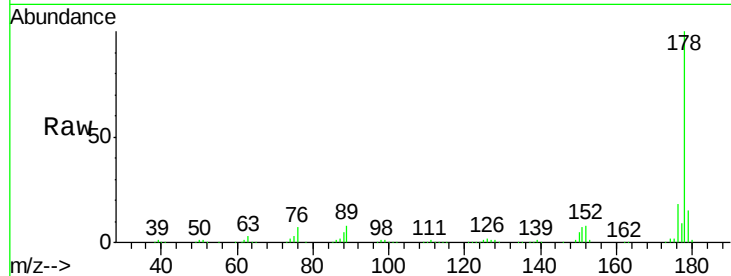
#71
 Anthracene
 Concen: 42.01 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.3	12.4	18.6

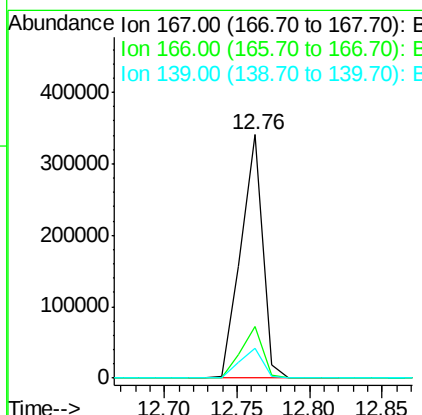
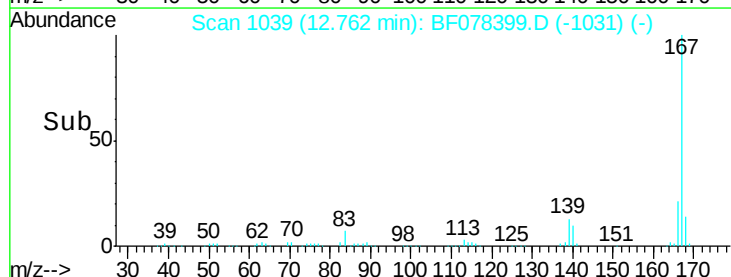
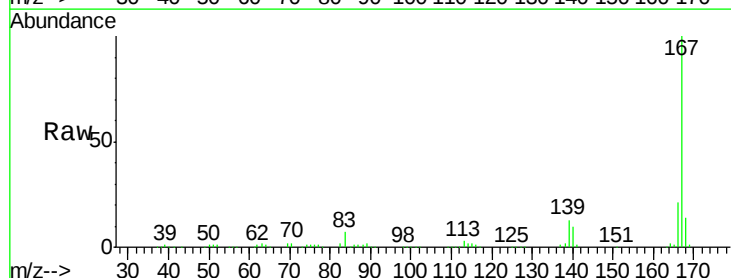
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#72
 Carbazole
 Concen: 41.07 ng
 RT: 12.76 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.8	25.2
139	12.5	10.0	15.0





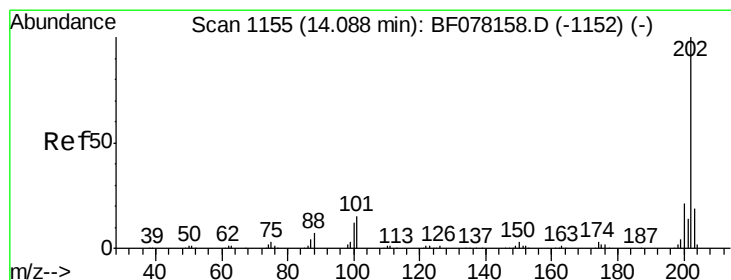
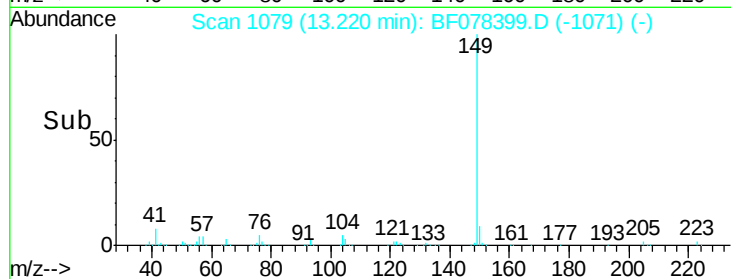
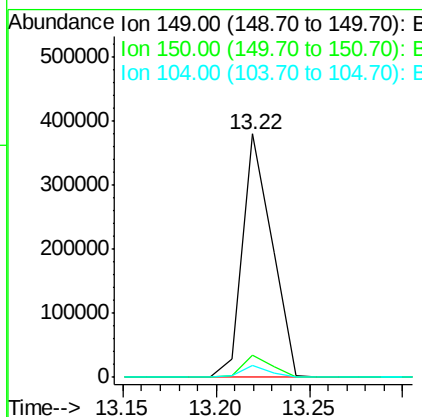
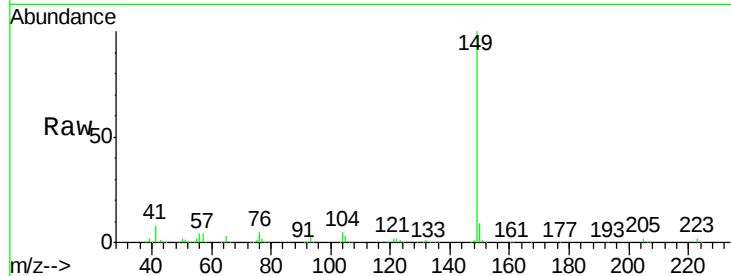
#73
Di-n-butylphthalate
Concen: 42.27 ng
RT: 13.22 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	415894		
150	9.2	7.1	10.7	
104	4.8	3.8	5.6	

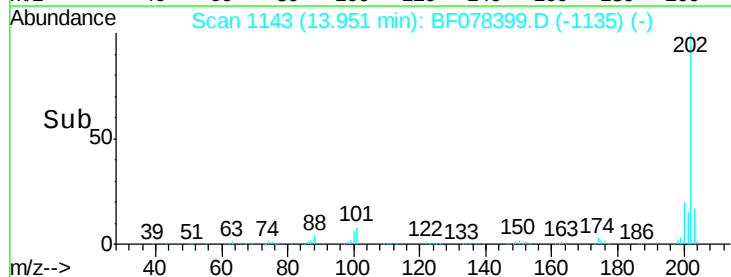
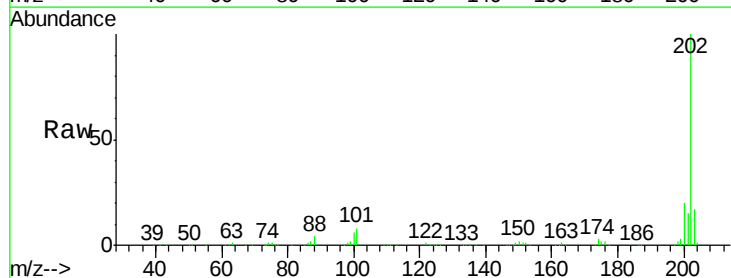
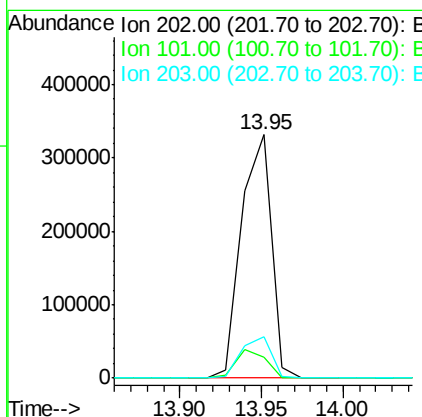
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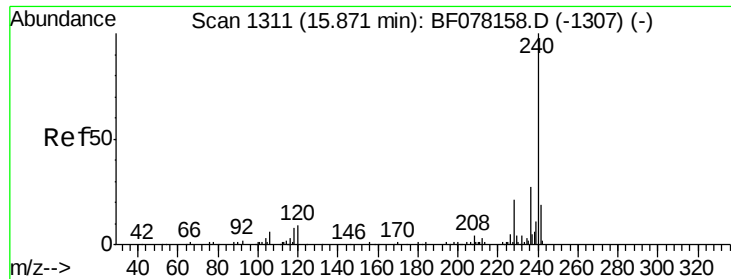
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#74
Fluoranthene
Concen: 42.48 ng
RT: 13.95 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	421335		
101	8.4	0.0	35.2	
203	17.0	0.0	38.5	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

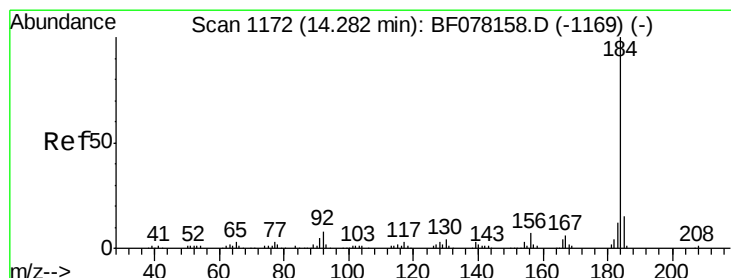
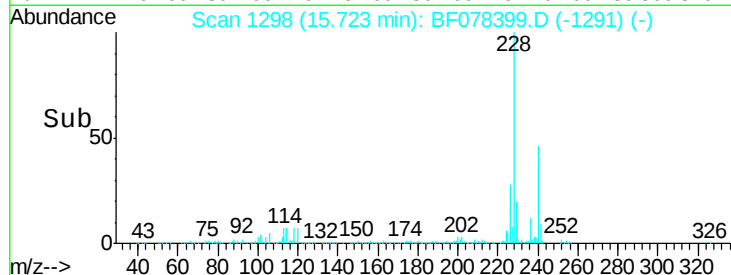
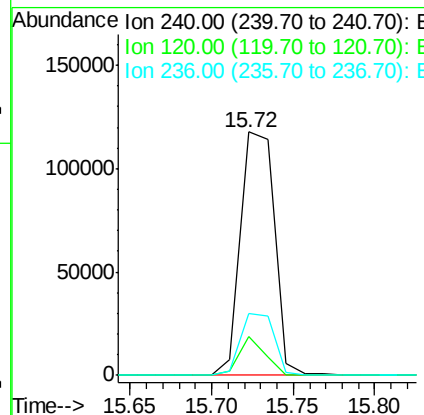
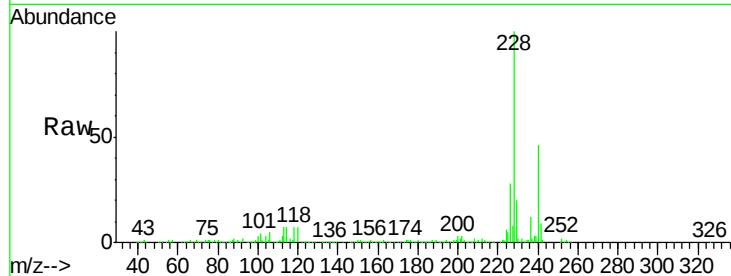
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
240	100	169380		
120	15.8	7.1	10.7#	
236	25.4	21.4	32.2	

Manual Integrations
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#76

Benzidine

Concen: 31.97 ng

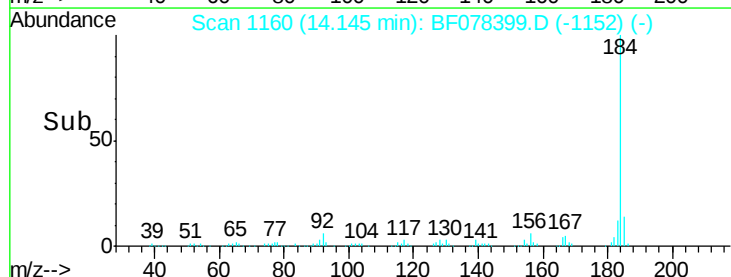
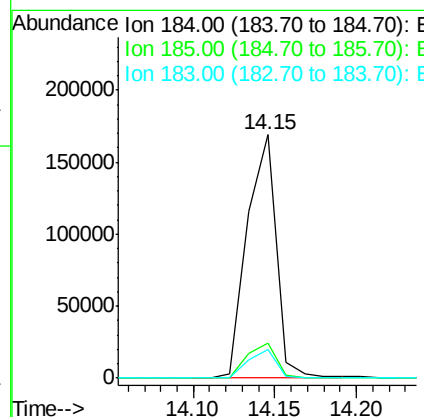
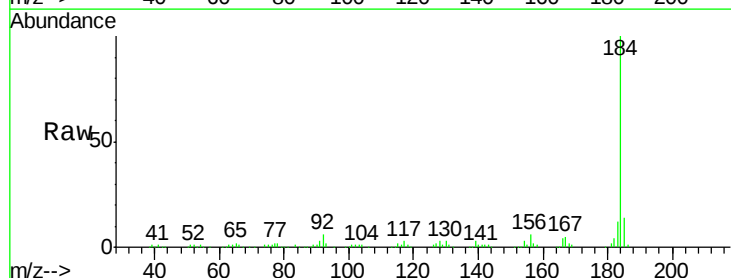
RT: 14.15 min Scan# 1160

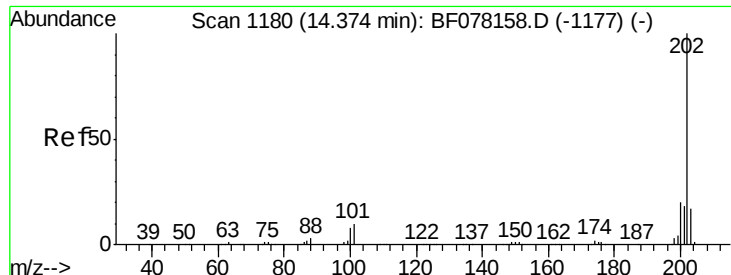
Delta R.T. -0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	208517		
185	14.3	12.2	18.2	
183	11.7	9.5	14.3	





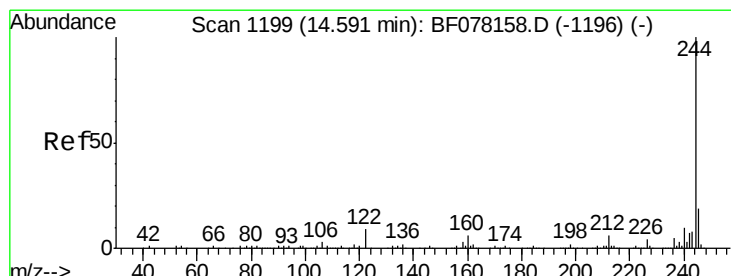
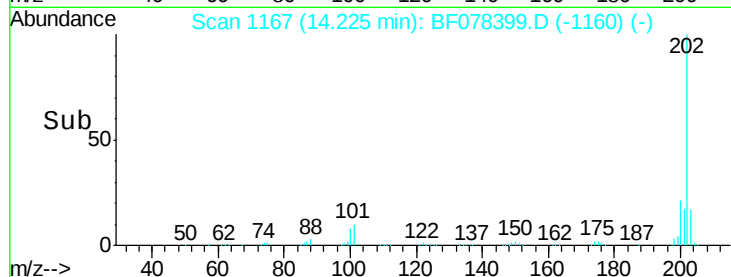
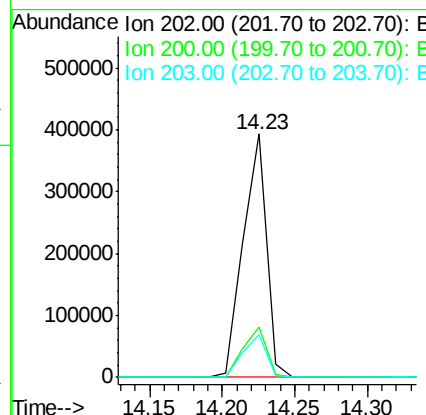
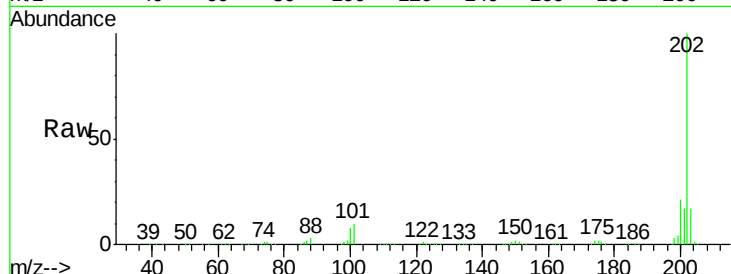
#77
Pvrene
Concen: 41.21 ng
RT: 14.23 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	16.3	24.5
203	17.5	13.8	20.6

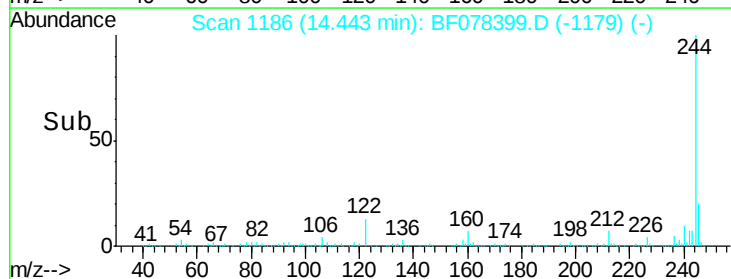
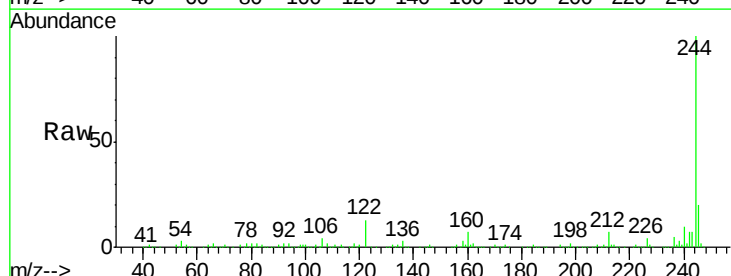
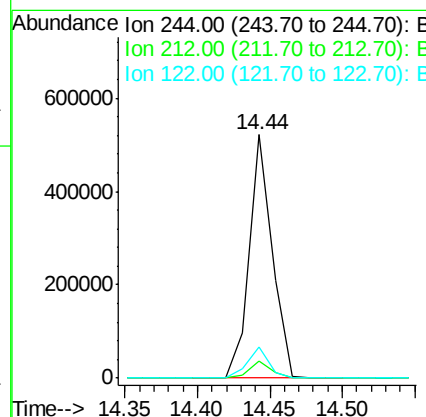
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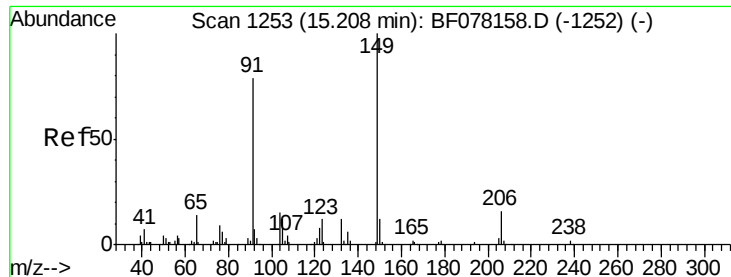
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#78
Terphenyl-d14
Concen: 76.26 ng
RT: 14.44 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.0	7.4
122	12.9	7.1	10.7#





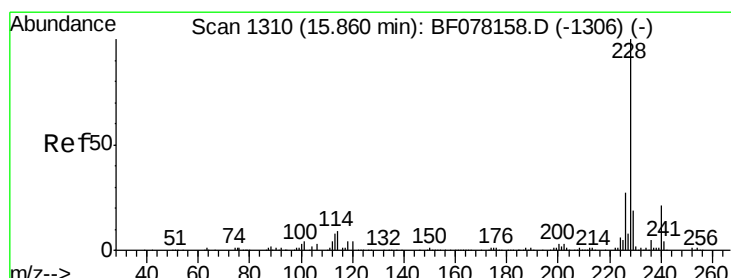
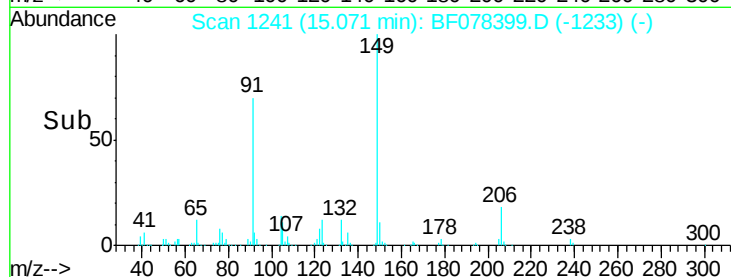
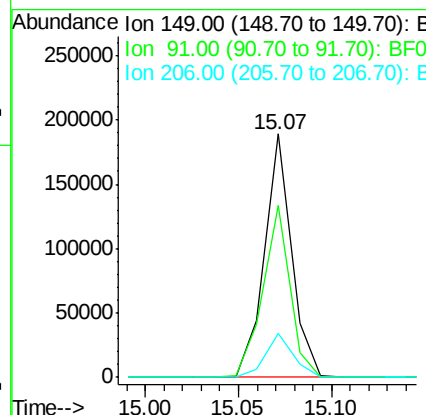
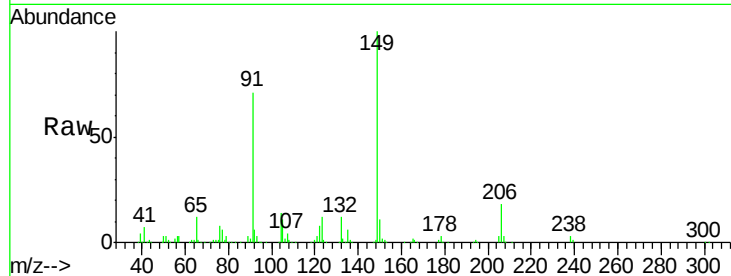
#79
Butylbenzylphthalate
Concen: 46.90 ng
RT: 15.07 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	190086		
91	70.6	64.2	96.2	
206	18.1	12.6	18.8	

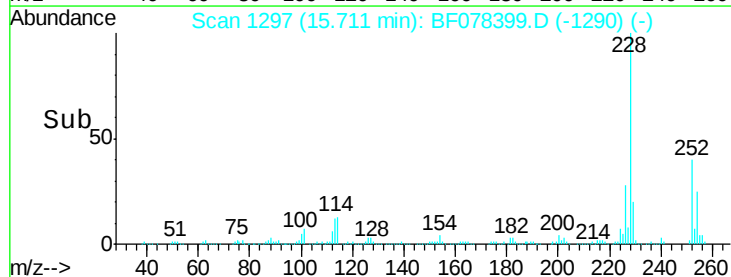
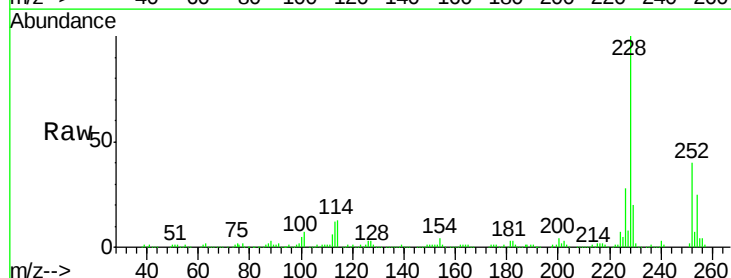
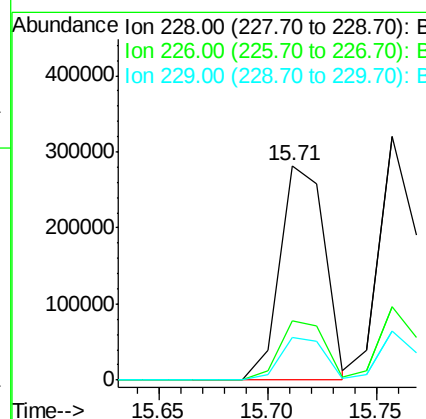
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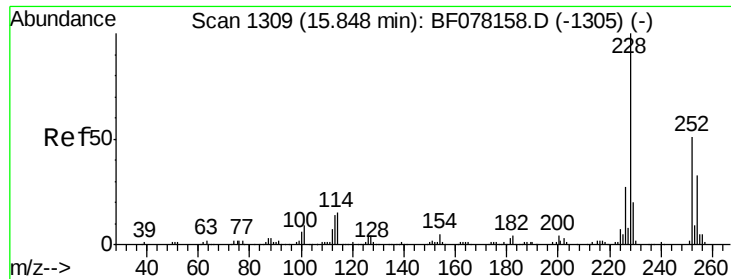
apatel
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#80
Benzo(a)anthracene
Concen: 40.36 ng
RT: 15.71 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	406698		
226	27.7	21.3	31.9	
229	20.0	15.4	23.2	





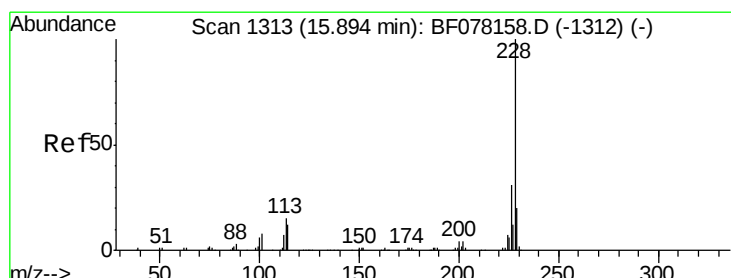
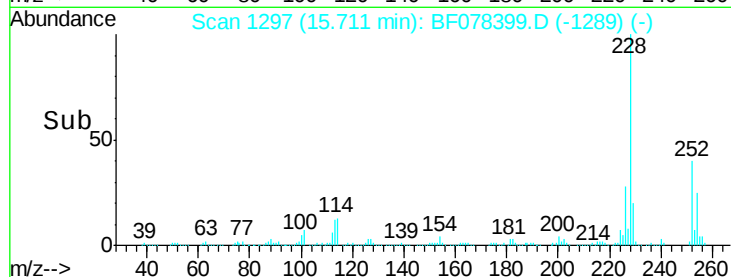
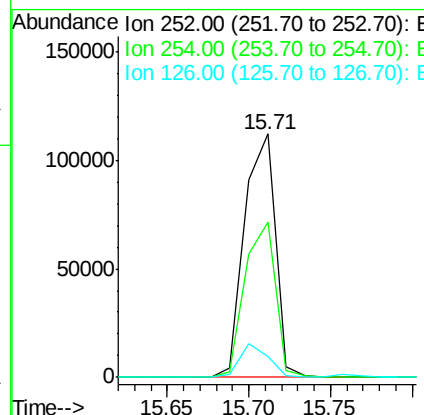
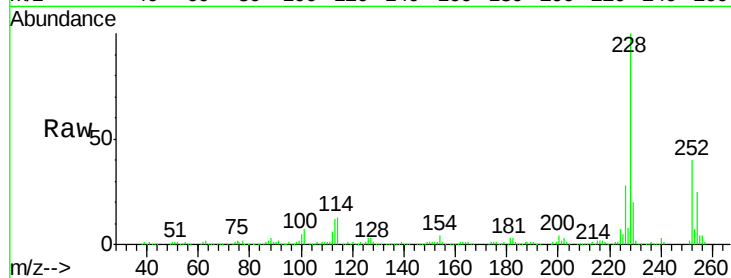
#81
 3,3'-Dichlorobenzidine
 Concen: 43.46 ng
 RT: 15.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
252	100	146683		
254	63.8	51.2	76.8	
126	8.6	6.3	9.5	

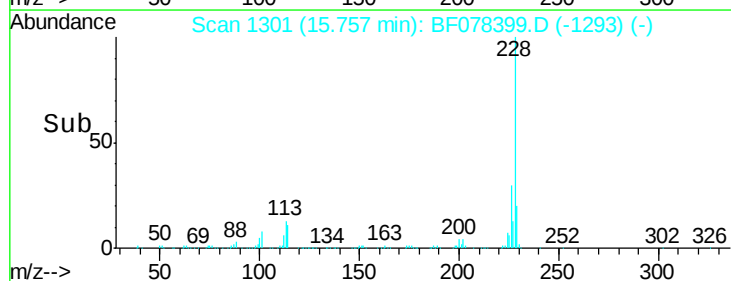
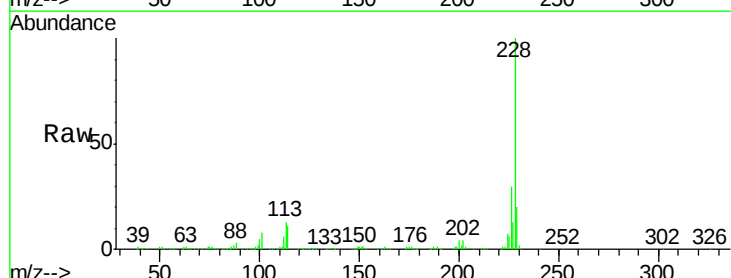
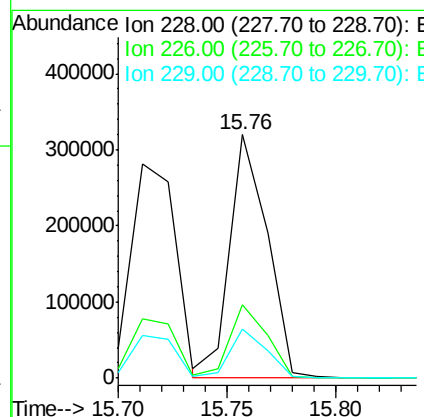
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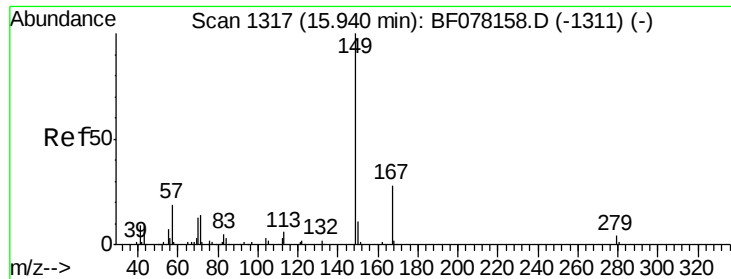
apatel
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#82
 Chrysene
 Concen: 40.19 ng
 RT: 15.76 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF078399.D
 Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	380556		
226	30.1	24.2	36.4	
229	20.2	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.86 ng

RT: 15.80 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

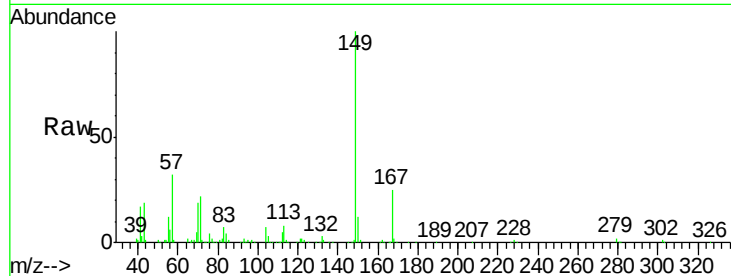
ClientSampleId :

SSTDCCC040EC

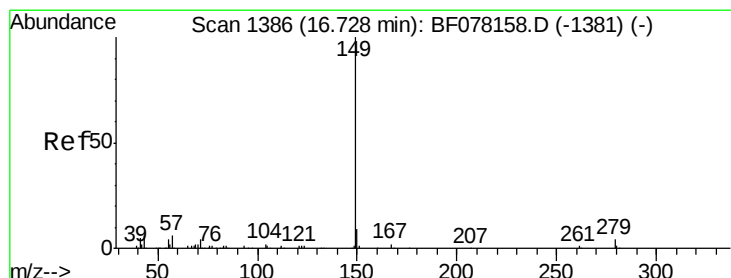
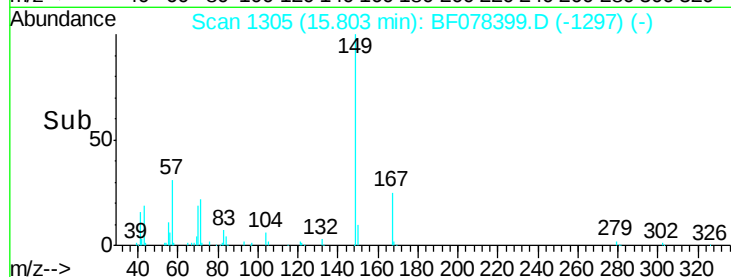
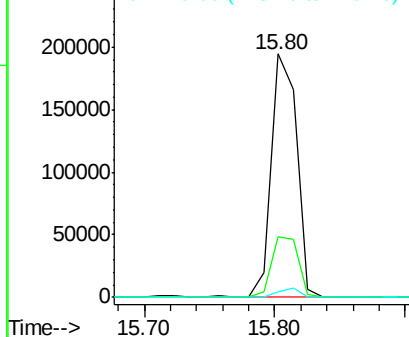
Tot Ion:	149	Resp:	266100
Ion Ratio	Lower	Upper	
149	100		
167	25.0	22.2	33.2
279	2.3	3.2	4.8#

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



#84

Di-n-octyl phthalate

Concen: 45.71 ng

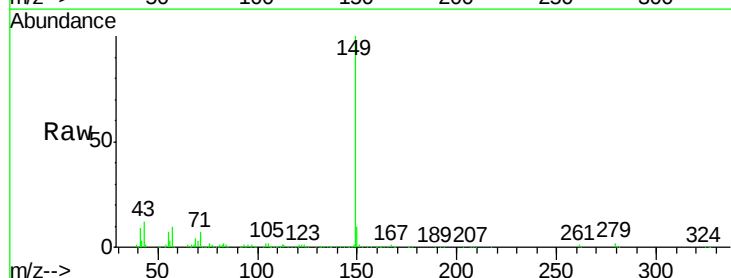
RT: 16.61 min Scan# 1376

Delta R.T. 0.01 min

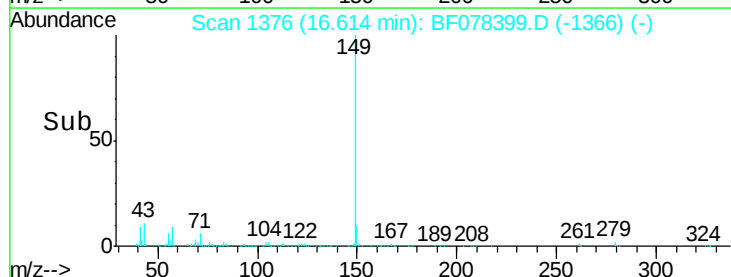
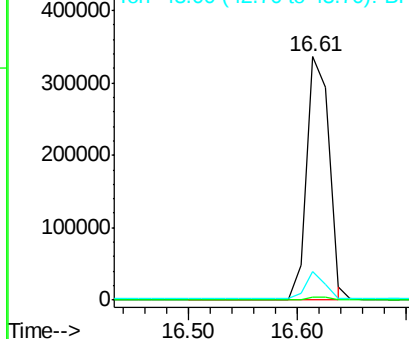
Lab File: BF078399.D

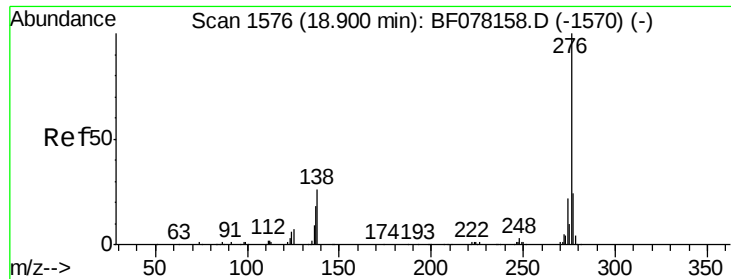
Acq: 10 Apr 2015 12:35

Tgt Ion:	149	Resp:	477014
Ion Ratio	Lower	Upper	
149	100		
167	1.6	0.0	0.0#
43	9.3	0.0	0.0#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.80 ng

RT: 18.79 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

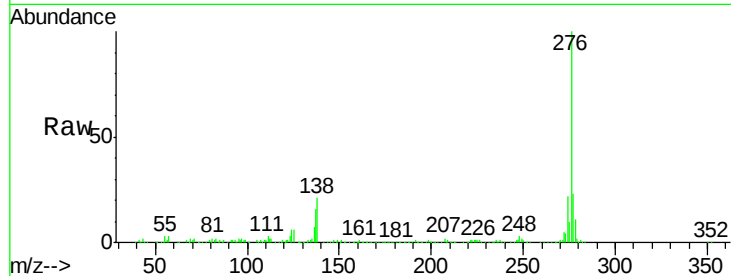
ClientSampleId :

SSTDCCC040EC

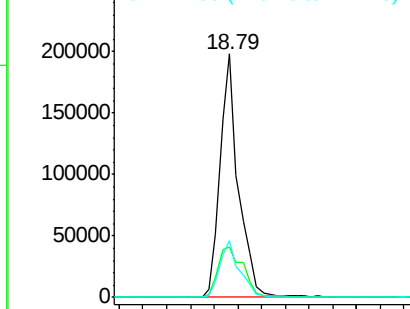
Tot Ion:	276	Resp:	427640
Ion Ratio	Lower	Upper	
276	100		
138	27.7	16.9	25.3#
277	25.5	15.8	23.6#

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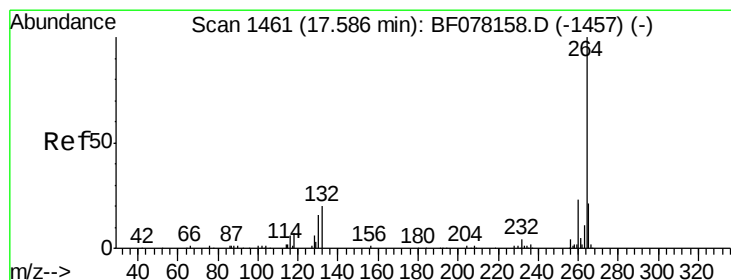
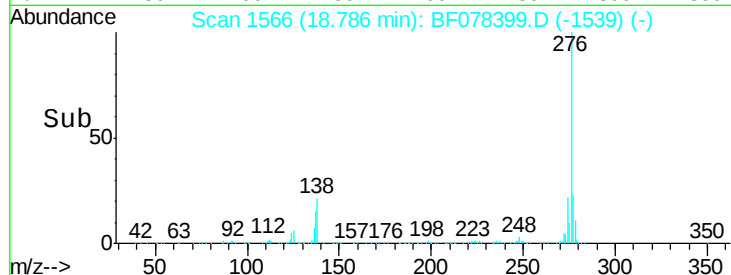
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time--> 18.60 18.80 19.00



#86

Perylene-d12

Concen: 20.00 ng

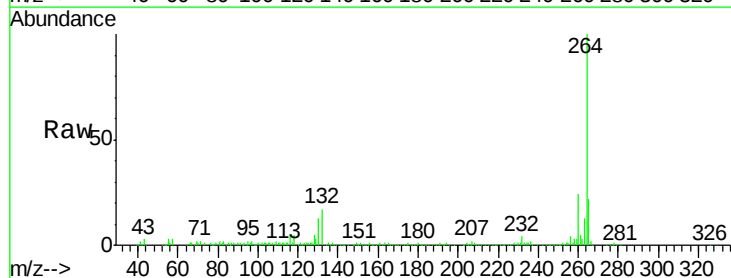
RT: 17.49 min Scan# 1453

Delta R.T. 0.03 min

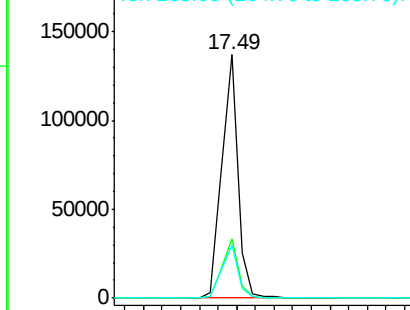
Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

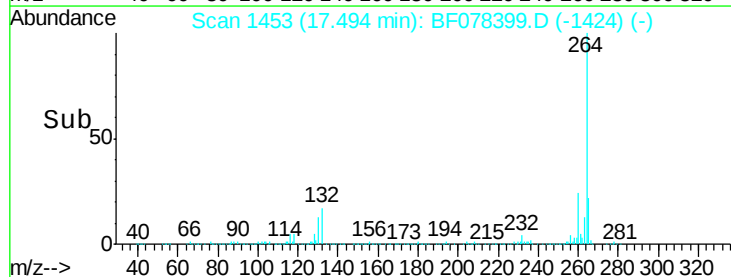
Tgt Ion:	264	Resp:	164391
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.6	27.8
265	21.6	17.0	25.6

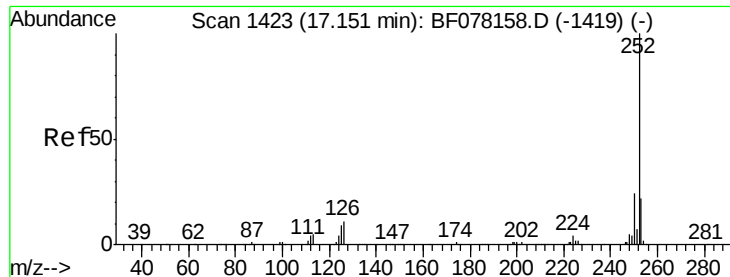


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 17.40 17.50 17.60





#87

Benzo(b)fluoranthene

Concen: 43.84 ng m

RT: 17.04 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

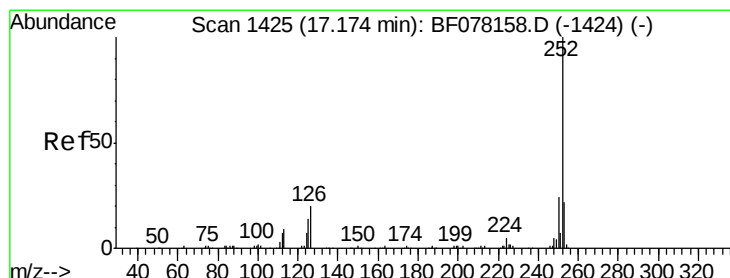
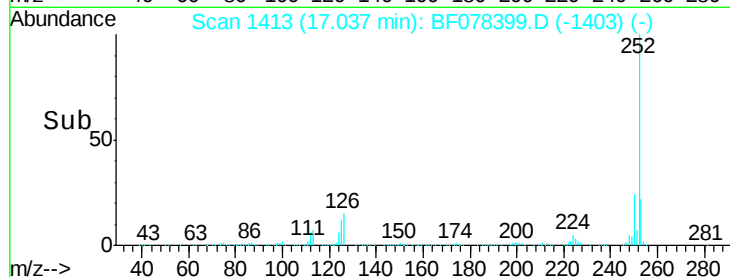
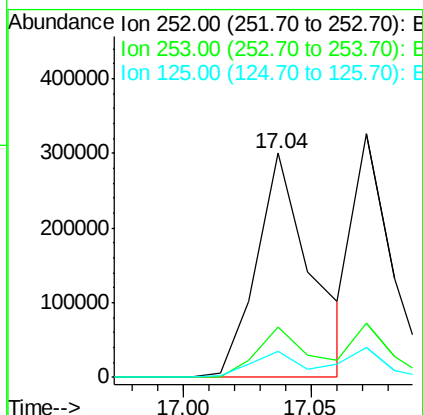
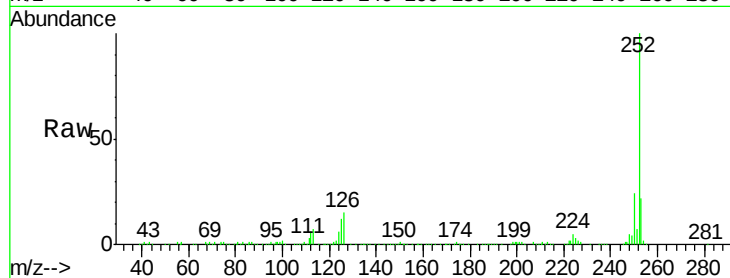
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	445460
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	11.9	7.0	10.4

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 35.73 ng

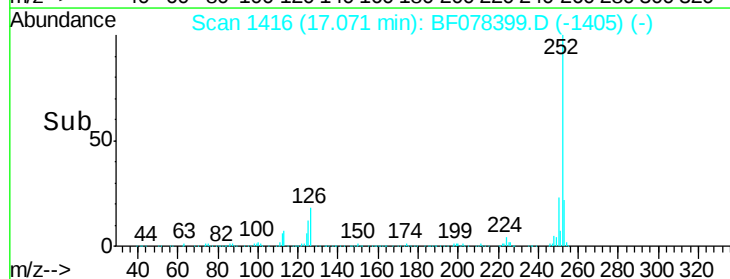
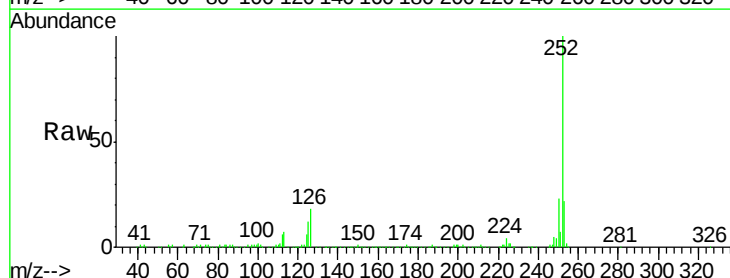
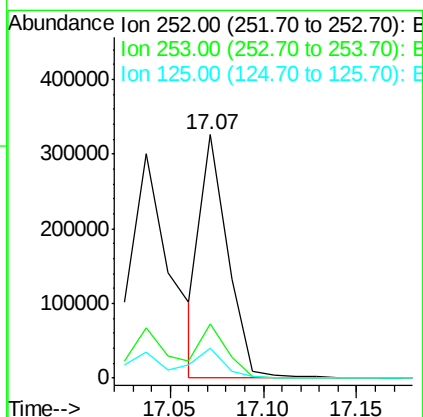
RT: 17.07 min Scan# 1416

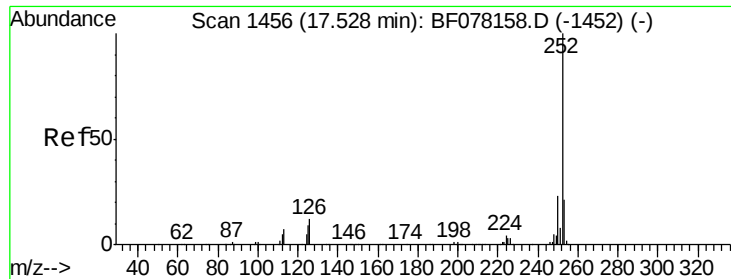
Delta R.T. 0.02 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Tgt Ion:	252	Resp:	322566
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	12.2	11.6	17.4





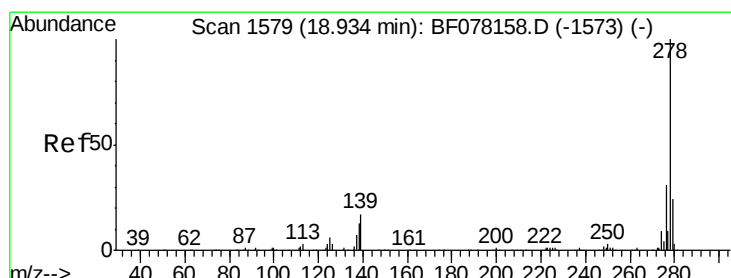
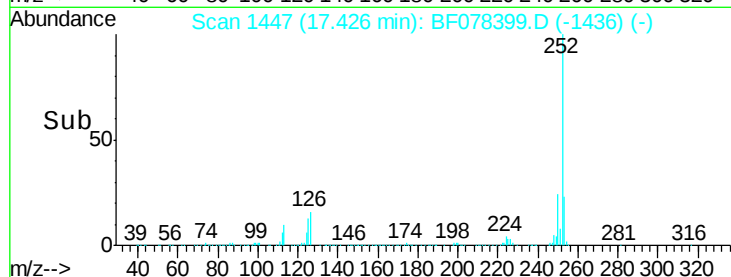
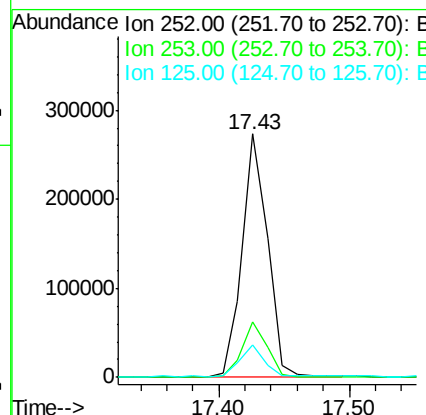
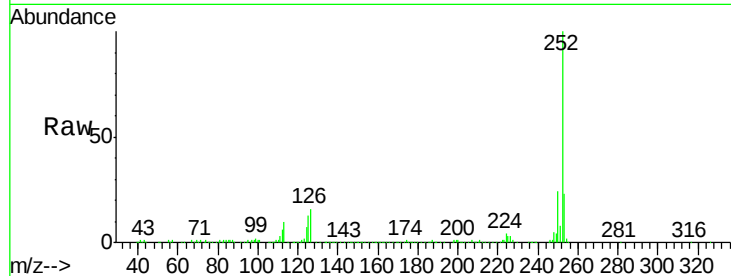
#89
Benzo(a)pyrene
Concen: 41.91 ng
RT: 17.43 min Scan# 1447
Delta R.T. 0.02 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	16.8	25.2
125	13.3	7.4	11.0

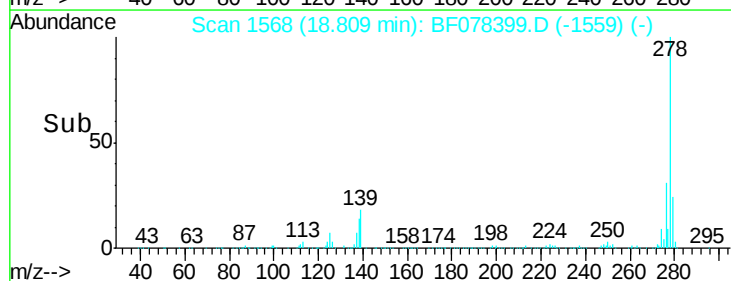
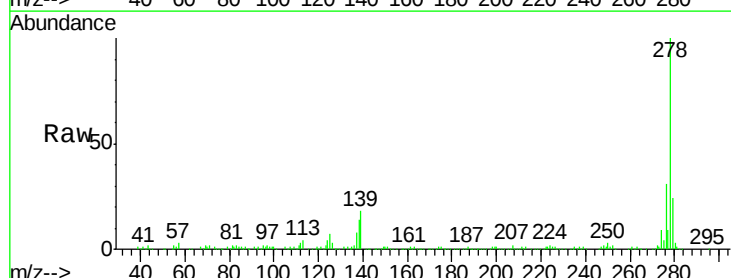
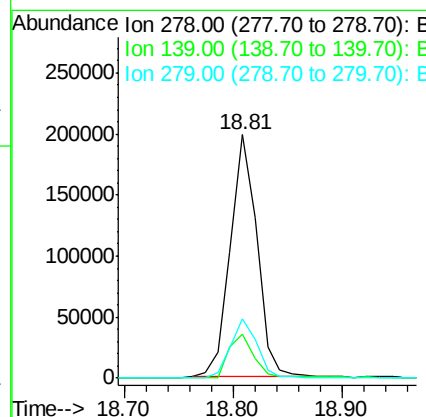
Manual Integrations
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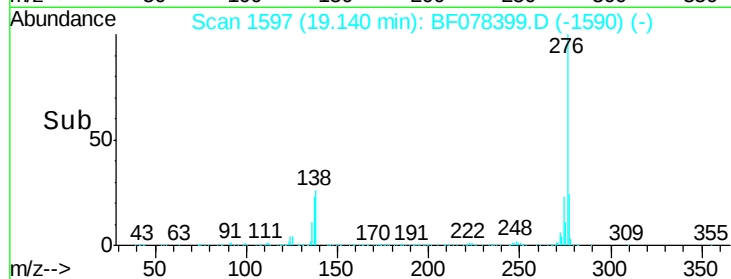
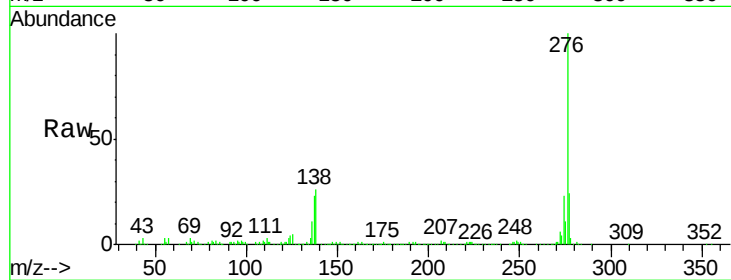
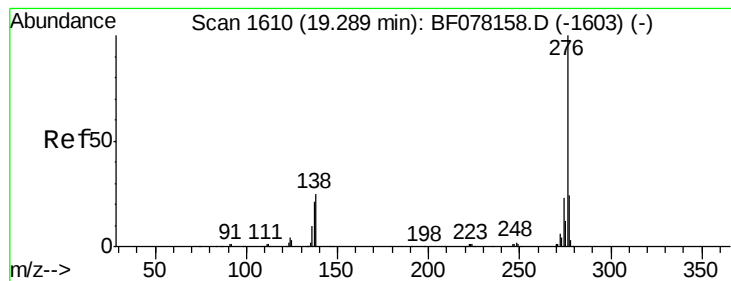
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#90
Dibenzo(a,h)anthracene
Concen: 37.73 ng
RT: 18.81 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF078399.D
Acq: 10 Apr 2015 12:35

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	17.9	13.6	20.4
279	24.2	19.0	28.6





#91

Benzo(a,h,i)perylene

Concen: 38.25 ng m

RT: 19.14 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BF078399.D

Acq: 10 Apr 2015 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:	276	Resp:	340466
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.0	28.4
138	26.1	19.9	29.9

Manual Integrations
APPROVED

apatel
4/10/2015 5:14:15 PM

