

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079939.D
 Acq On : 12 Jun 2015 17:08
 Operator : TP/IZ
 Sample : PB83955BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BS

Manual Integrations
 APPROVED

apatel
 6/15/2015 12:43:30 PM

Quant Time: Jun 12 23:25:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	46180	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	182058	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	103403	20.00	ng	0.00
63) Phenanthrene-d10	11.98	188	208726	20.00	ng	0.00
75) Chrysene-d12	15.13	240	230092	20.00	ng	-0.01
86) Perylene-d12	17.13	264	220021	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.99	112	327272	129.95	ng	0.00
7) Phenol-d6	6.98	99	426928	124.43	ng	0.01
23) Nitrobenzene-d5	7.93	82	229522	83.18	ng	0.00
41) 2,4,6-Tribromophenol	11.25	330	117399	113.12	ng	0.00
44) 2-Fluorobiphenyl	9.75	172	560272	75.87	ng	0.00
78) Terphenyl-d14	13.76	244	707892	70.93	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	35956	31.38	ng	93
3) Pyridine	4.10	79	130065	44.30	ng	96
4) n-Nitrosodimethylamine	4.01	42	59538	41.15	ng	90
6) Aniline	7.03	93	119775	24.12	ng	92
8) 2-Chlorophenol	7.16	128	113811	37.18	ng	92
9) Benzaldehyde	6.92	77	79954	40.54	ng	86
10) Phenol	6.99	94	149805	39.70	ng	95
11) bis(2-Chloroethyl)ether	7.10	93	113176	37.27	ng	94
12) 1,3-Dichlorobenzene	7.32	146	135517m	37.95	ng	
13) 1,4-Dichlorobenzene	7.39	146	133081m	35.88	ng	
14) 1,2-Dichlorobenzene	7.55	146	137887	41.86	ng	96
15) Benzyl Alcohol	7.50	79	100505	36.53	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.64	45	184959	41.12	ng	96
17) 2-Methylphenol	7.61	107	93438	34.94	ng	95
18) Hexachloroethane	7.91	117	40418	35.19	ng	# 80
19) n-Nitroso-di-n-propylamine	7.77	70	93988	38.34	ng	# 92
20) 3+4-Methylphenols	7.76	107	132564	38.79	ng	98
22) Acetophenone	7.77	105	161916	37.66	ng	# 87
24) Nitrobenzene	7.95	77	129030	43.96	ng	# 89
25) Isophorone	8.19	82	232814	36.26	ng	# 93
26) 2-Nitrophenol	8.27	139	41479	40.66	ng	# 73
27) 2,4-Dimethylphenol	8.30	122	118889	41.31	ng	96
28) bis(2-Chloroethoxy)methane	8.39	93	133270	34.95	ng	96
29) 2,4-Dichlorophenol	8.51	162	111300	46.18	ng	91
30) 1,2,4-Trichlorobenzene	8.60	180	106311	34.70	ng	# 97
31) Naphthalene	8.70	128	359755	36.15	ng	99
32) Benzoic acid	8.35	122	41427m	38.84	ng	
33) 4-Chloroaniline	8.73	127	138035	35.73	ng	# 93
34) Hexachlorobutadiene	8.81	225	70115	41.23	ng	97
35) Caprolactam	9.06	113	31629	41.49	ng	# 78
36) 4-Chloro-3-methylphenol	9.20	107	105023	38.14	ng	89
37) 2-Methylnaphthalene	9.39	142	237682	35.35	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	113380	32.74	ng	98
40) Hexachlorocyclopentadiene	9.54	237	93313	66.01	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	73853	34.61	ng	99
43) 2,4,5-Trichlorophenol	9.70	196	78579	33.36	ng #	87
45) 1,1'-Biphenyl	9.85	154	321991	38.48	ng	95
46) 2-Chloronaphthalene	9.88	162	241992	33.97	ng	94
47) 2-Nitroaniline	9.96	65	57590	38.56	ng #	72
48) Acenaphthylene	10.31	152	396590	32.98	ng	97
49) Dimethylphthalate	10.14	163	304461	36.75	ng	98
50) 2,6-Dinitrotoluene	10.20	165	52303	35.40	ng #	72
51) Acenaphthene	10.48	154	247637	36.23	ng	94
52) 3-Nitroaniline	10.38	138	47542	27.16	ng #	75
53) 2,4-Dinitrophenol	10.48	184	24242	78.36	ng #	1
54) Dibenzofuran	10.65	168	368024	36.85	ng	94
55) 4-Nitrophenol	10.51	139	96904	73.50	ng	89
56) 2,4-Dinitrotoluene	10.60	165	63430	33.26	ng #	48
57) Fluorene	10.99	166	275729	31.67	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.77	232	72171	40.43	ng	95
59) Diethylphthalate	10.85	149	296445	35.79	ng	96
60) 4-Chlorophenyl-phenylether	10.98	204	137795	35.44	ng	90
61) 4-Nitroaniline	10.99	138	61580	32.95	ng	89
62) Azobenzene	11.14	77	278961	35.00	ng	95
64) 4,6-Dinitro-2-methylphenol	11.03	198	19288	42.47	ng	90
65) n-Nitrosodiphenylamine	11.10	169	261597	38.83	ng	99
66) 4-Bromophenyl-phenylether	11.49	248	86220	36.86	ng #	88
67) Hexachlorobenzene	11.57	284	88786	34.80	ng #	79
68) Atrazine	11.62	200	78420	37.81	ng	91
69) Pentachlorophenol	11.76	266	85276	72.13	ng	97
70) Phenanthrene	12.00	178	443015	35.61	ng	98
71) Anthracene	12.06	178	466424	38.75	ng	100
72) Carbazole	12.22	167	412772	35.36	ng	99
73) Di-n-butylphthalate	12.56	149	495786	38.98	ng	99
74) Fluoranthene	13.33	202	488393	35.51	ng	95
76) Benzidine	13.45	184	292010	45.83	ng	100
77) Pyrene	13.60	202	518836	35.90	ng	100
79) Butylbenzylphthalate	14.35	149	211451	43.33	ng	95
80) Benzo(a)anthracene	15.12	228	505020	34.56	ng	100
81) 3,3'-Dichlorobenzidine	15.06	252	85609	18.33	ng	98
82) Chrysene	15.17	228	473637	36.43	ng	99
83) Bis(2-ethylhexyl)phthalate	15.10	149	314764	40.30	ng #	94
84) Di-n-octyl phthalate	15.98	149	538809	42.30	ng	98
85) Indeno(1,2,3-cd)pyrene	19.05	276	536395	35.06	ng	99
87) Benzo(b)fluoranthene	16.57	252	483208	35.84	ng	98
88) Benzo(k)fluoranthene	16.61	252	501380	36.47	ng	100
89) Benzo(a)pyrene	17.05	252	480088	37.45	ng #	97
90) Dibenzo(a,h)anthracene	19.07	278	451401	35.82	ng	97
91) Benzo(g,h,i)perylene	19.62	276	461846	35.42	ng	99

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

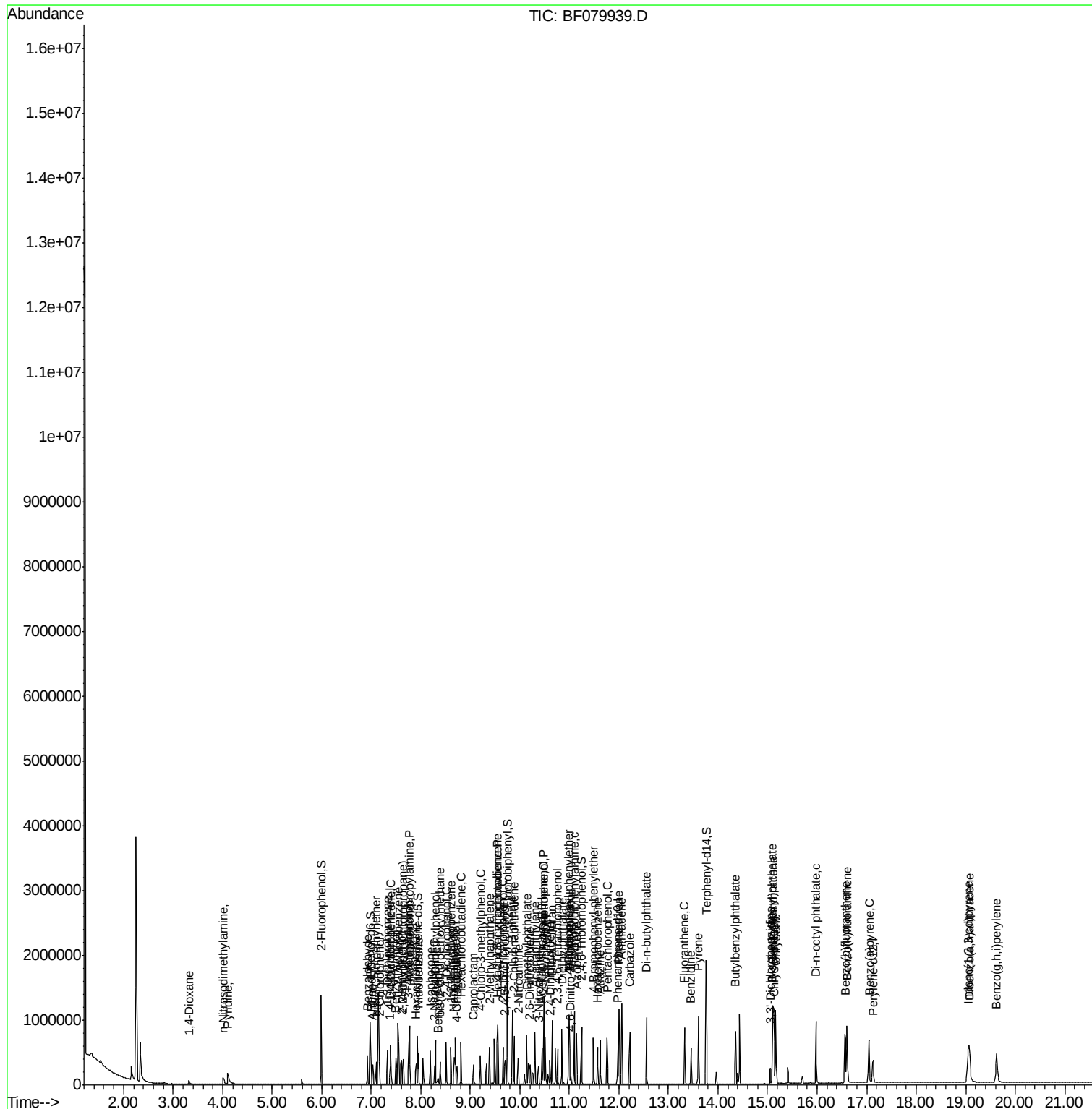
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\  
Data File : BF079939.D  
Acq On    : 12 Jun 2015  17:08  
Operator  : TP/IZ  
Sample    : PB83955BS  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
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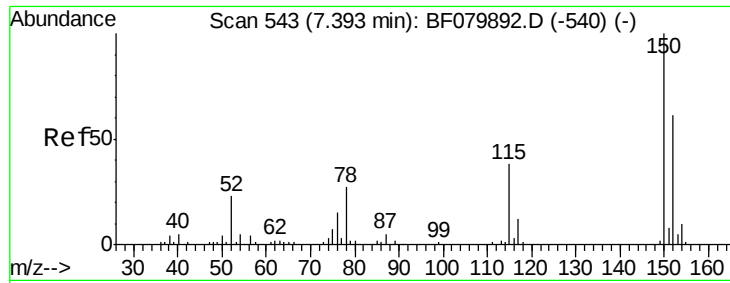
Instrument :
BNA_F
ClientSampleId :
PB83955BS

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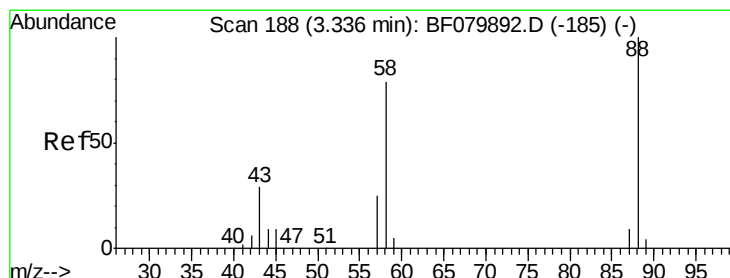
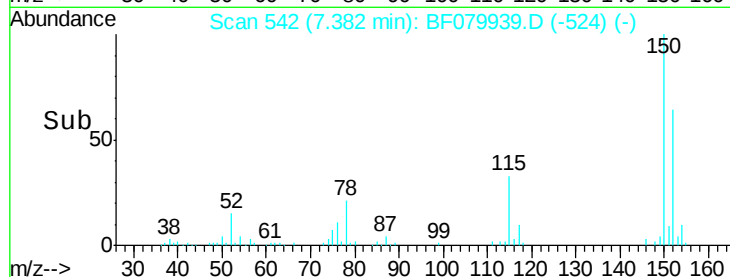
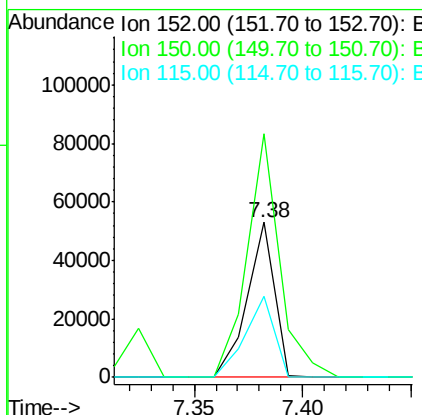
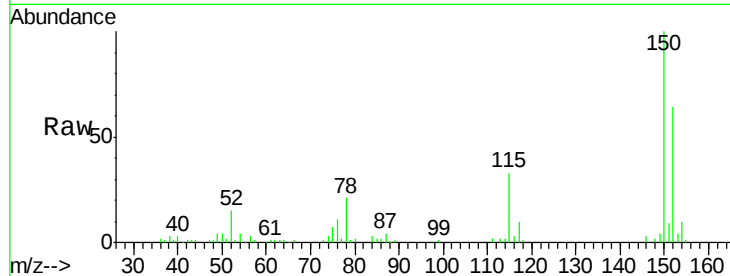
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.38 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Instrument :
 BNA_F
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 PB83955BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	131.0	196.4
115	52.1	49.8	74.6

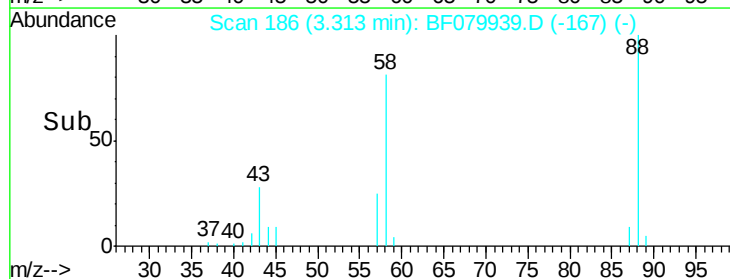
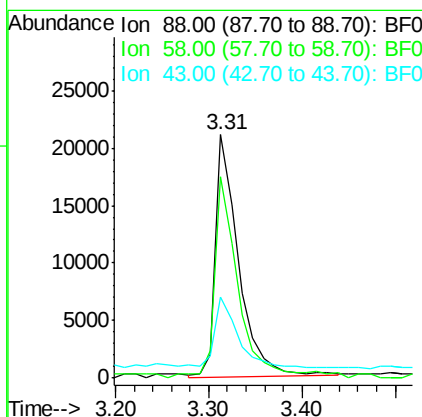
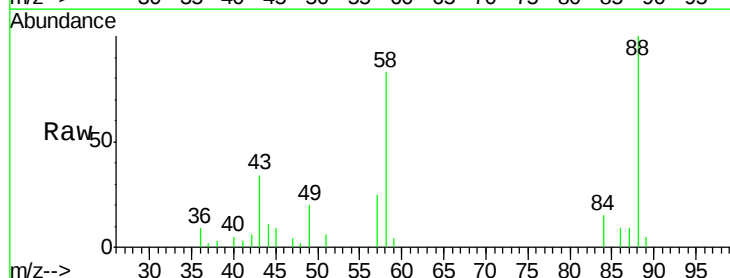
Manual Integrations
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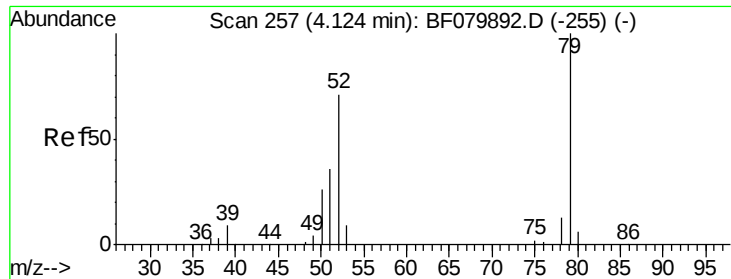
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#2
 1,4-Dioxane
 Concen: 31.38 ng
 RT: 3.31 min Scan# 186
 Delta R.T. 0.01 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	63.0	94.4
43	28.5	23.2	34.8





#3

Pyridine

Concen: 44.30 ng

RT: 4.10 min Scan# 255

Delta R.T. 0.01 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

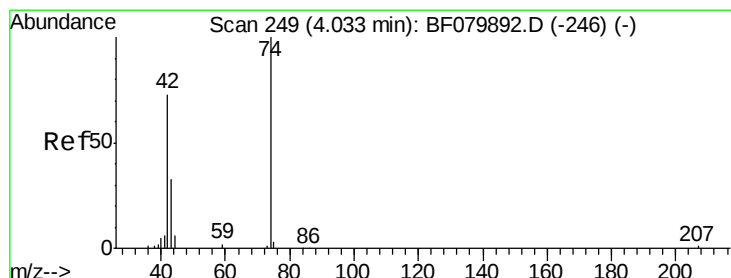
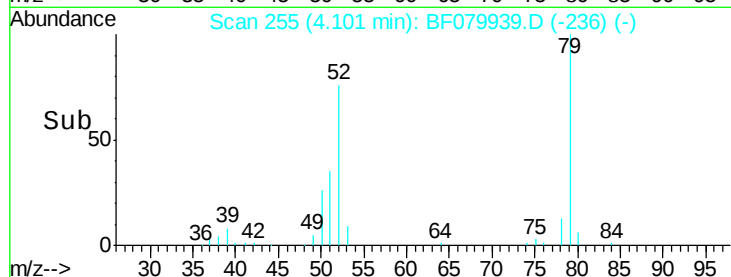
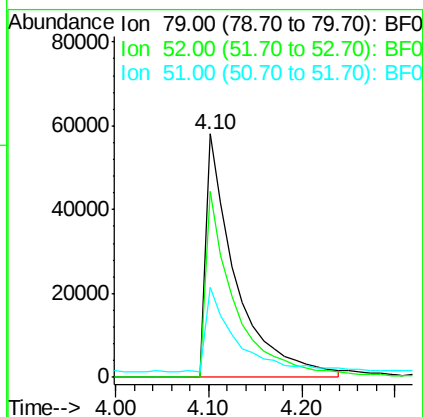
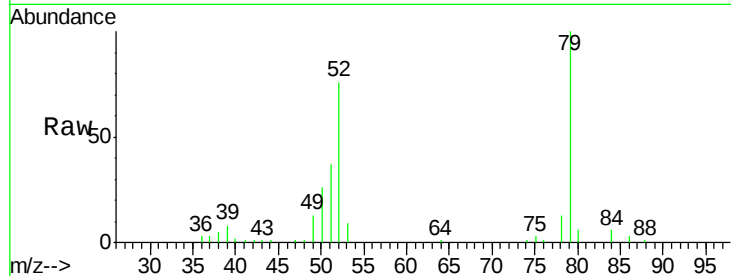
ClientSampleId :

PB83955BS

Tgt Ion:	79	Resp:	130065
Ion	Ratio	Lower	Upper
79	100		
52	76.4	56.7	85.1
51	37.1	29.8	44.6

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#4

n-Nitrosodimethylamine

Concen: 41.15 ng

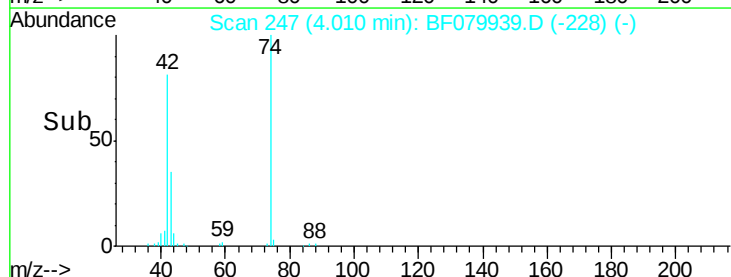
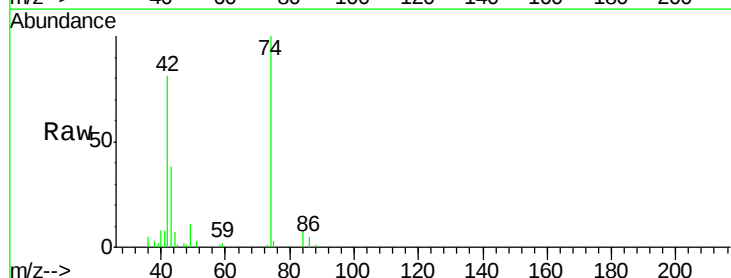
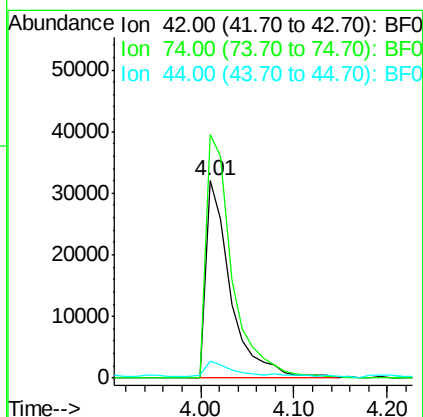
RT: 4.01 min Scan# 247

Delta R.T. 0.01 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Tgt Ion:	42	Resp:	59538
Ion	Ratio	Lower	Upper
42	100		
74	123.5	109.0	163.6
44	8.9	7.7	11.5





#5

2-Fluorophenol

Concen: 129.95 ng

RT: 5.99 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

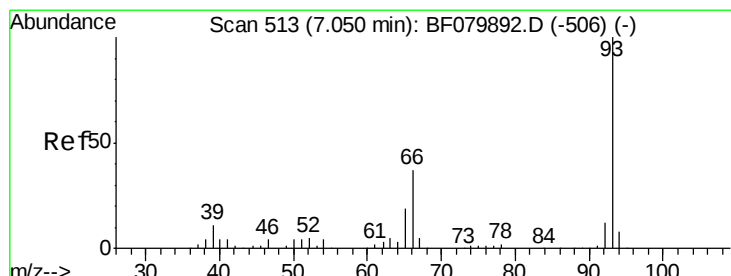
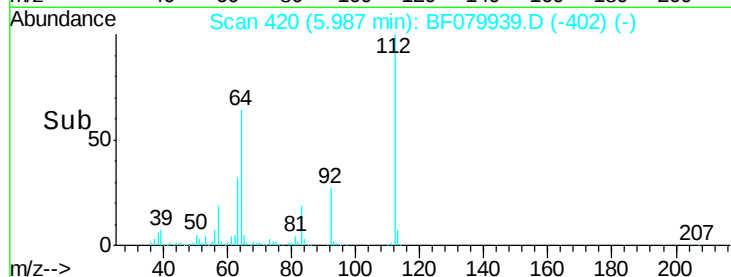
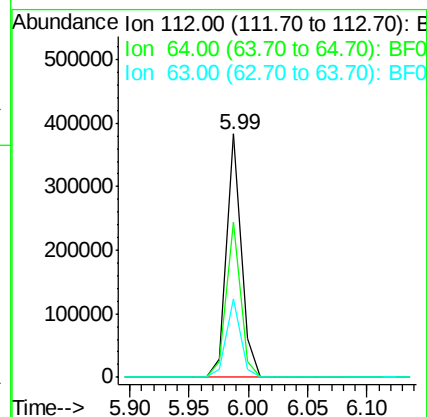
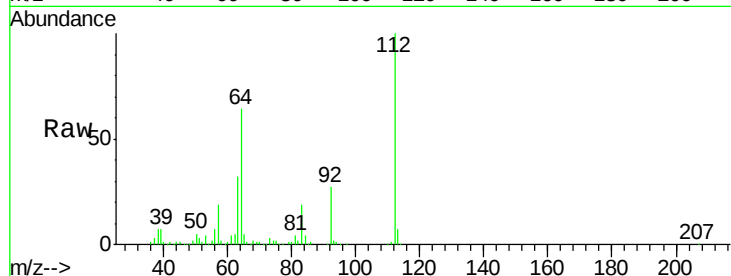
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	327272		
64	63.5	54.5	81.7	
63	32.4	27.9	41.9	



#6

Aniline

Concen: 24.12 ng

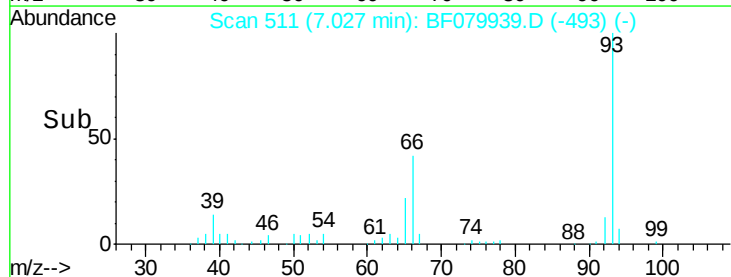
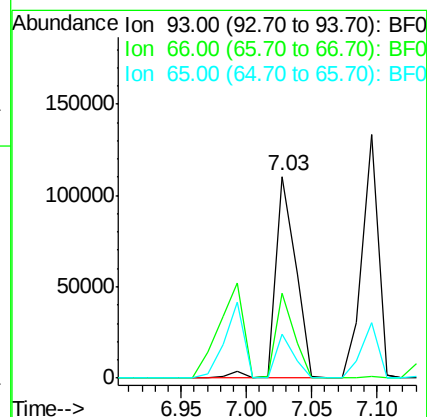
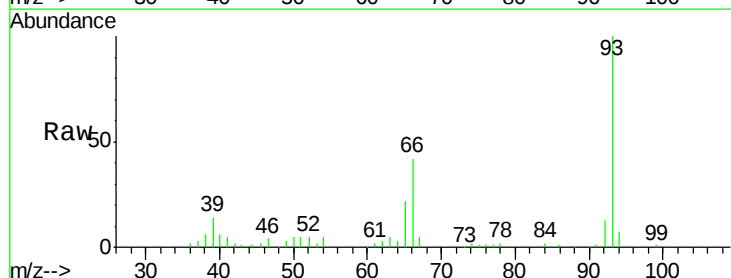
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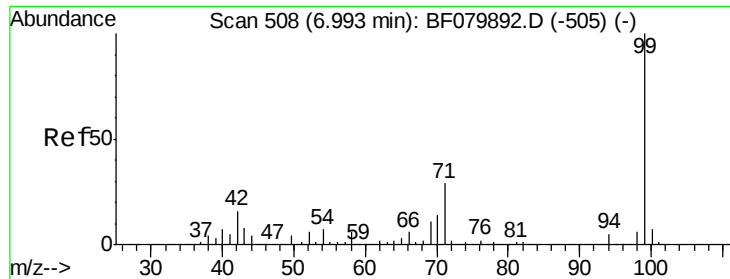
Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	119775		
66	41.8	29.4	44.0	
65	21.6	14.9	22.3	





#7

Phenol-d6

Concen: 124.43 ng

RT: 6.98 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

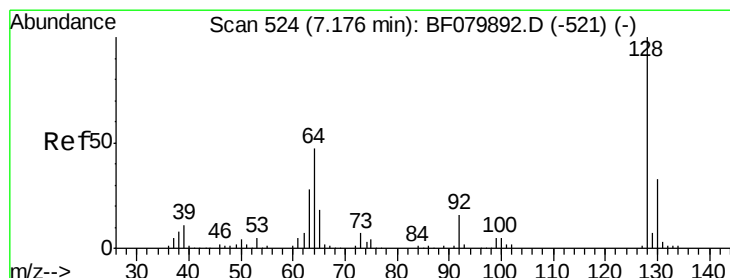
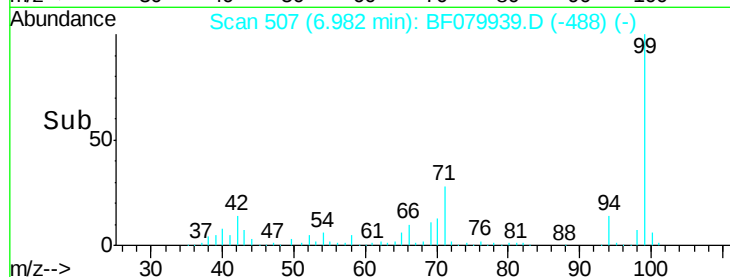
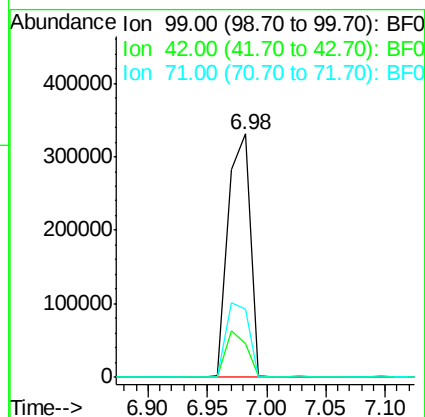
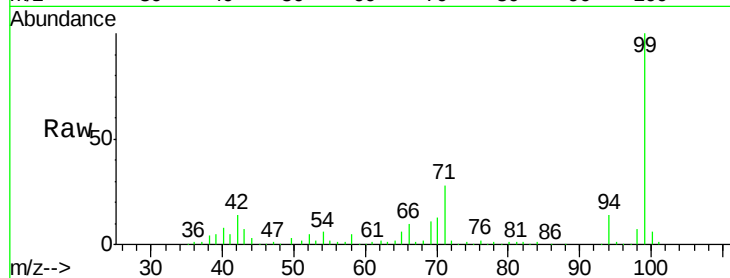
ClientSampleId :

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Tgt Ion:	99	Resp:	426928
Ion Ratio	Lower	Upper	
99	100		
42	13.6	12.9	19.3
71	28.0	23.4	35.2

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#8

2-Chlorophenol

Concen: 37.18 ng

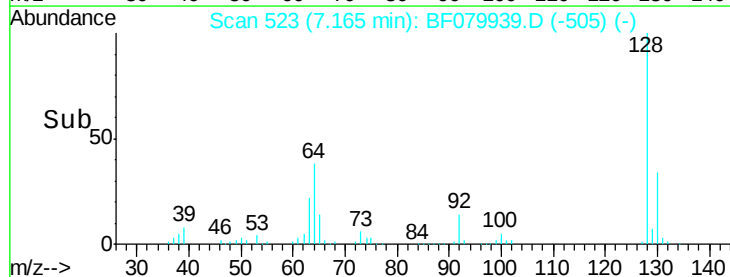
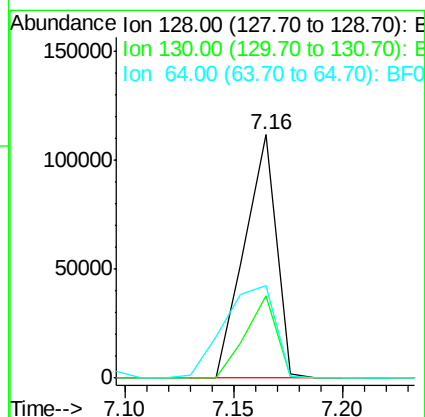
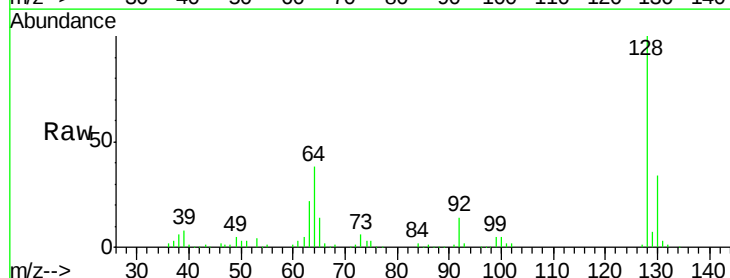
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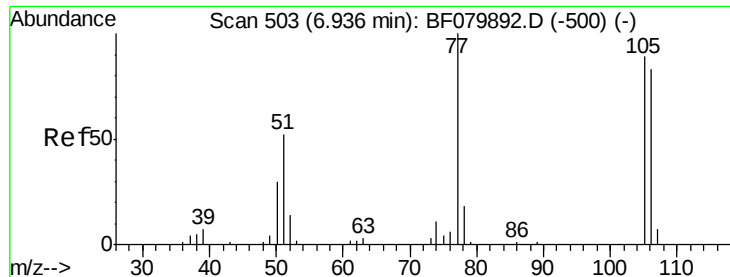
Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Tgt Ion:	128	Resp:	113811
Ion Ratio	Lower	Upper	
128	100		
130	33.7	13.1	53.1
64	38.0	26.8	66.8





#9

Benzaldehyde

Concen: 40.54 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF079939.D

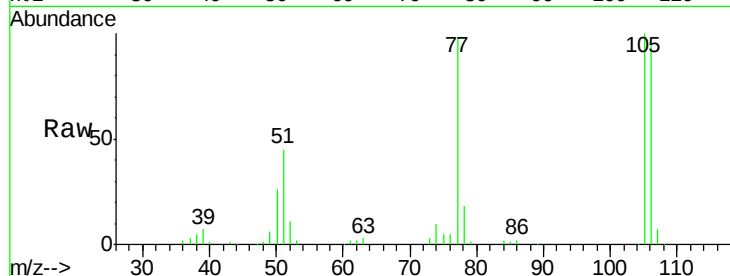
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Instrument :

BNA_F

ClientSampleId :

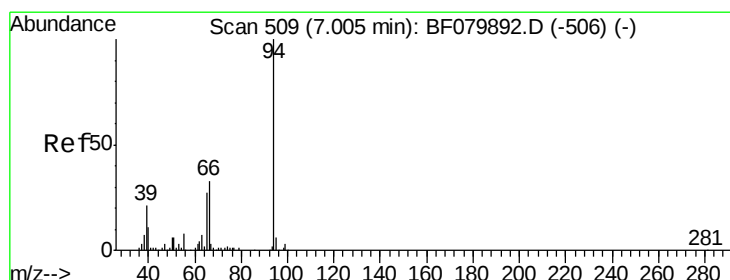
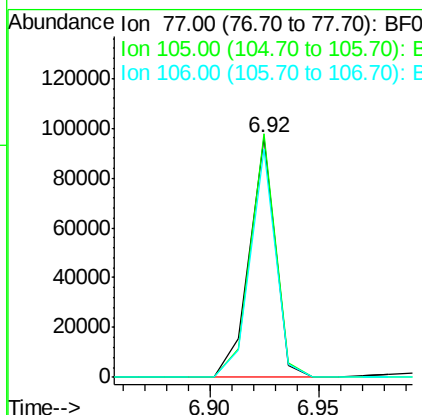
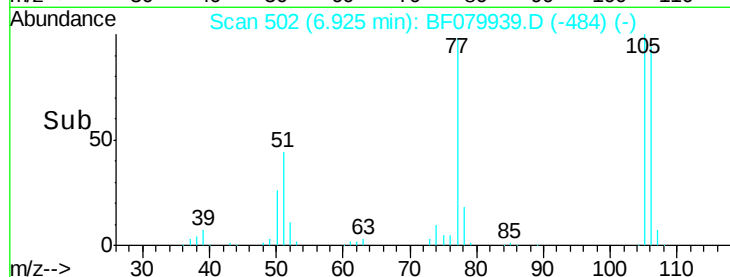
PB83955BS



Tgt Ion:	77	Resp:	79954
Ion	Ratio	Lower	Upper
77	100		
105	101.8	68.6	108.6
106	95.6	63.3	103.3

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#10

Phenol

Concen: 39.70 ng

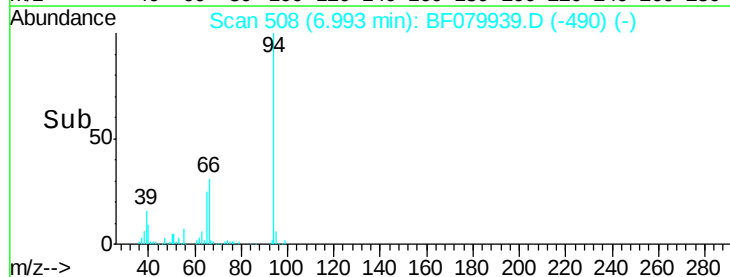
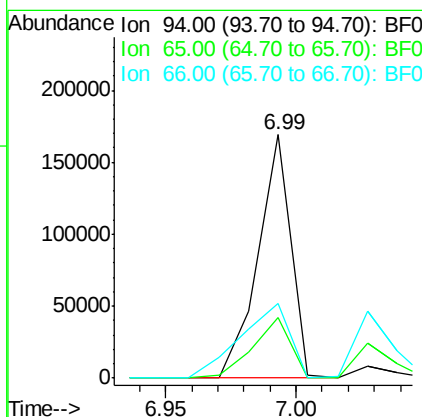
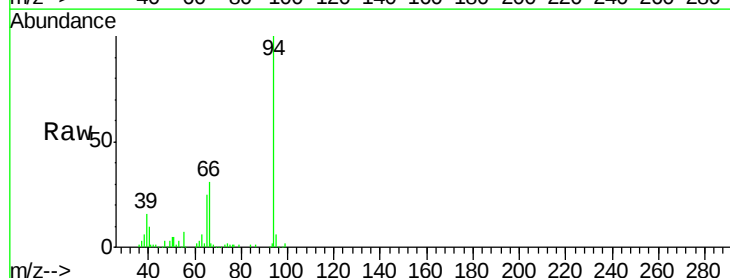
RT: 6.99 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Tgt Ion:	94	Resp:	149805
Ion	Ratio	Lower	Upper
94	100		
65	24.6	7.0	47.0
66	30.6	13.3	53.3





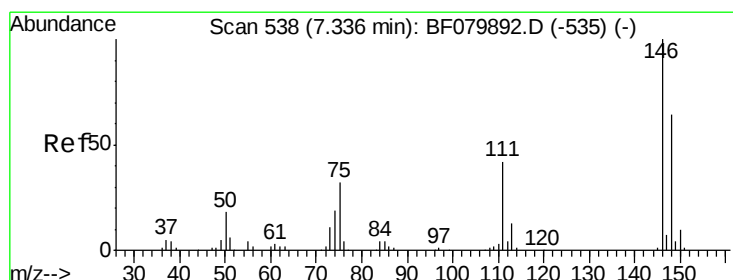
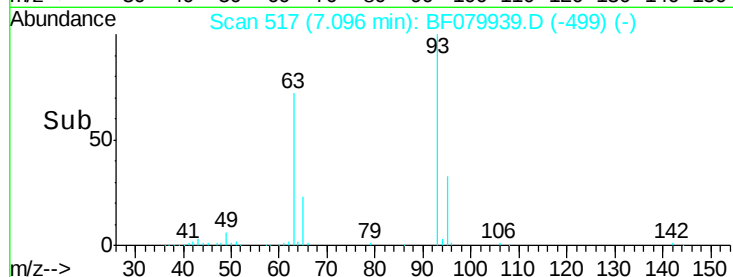
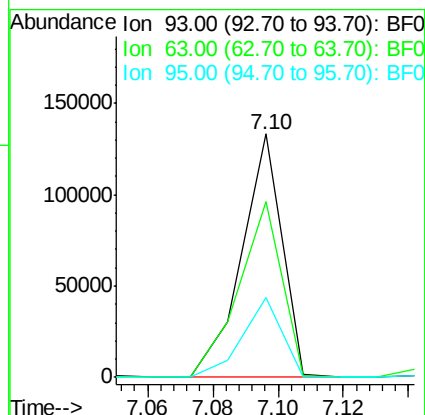
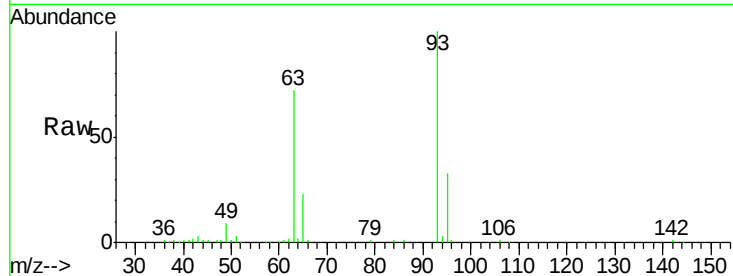
#11
bis(2-Chloroethyl)ether
Concen: 37.27 ng
RT: 7.10 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB83955BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	72.3	58.7	98.7
95	32.9	11.5	51.5

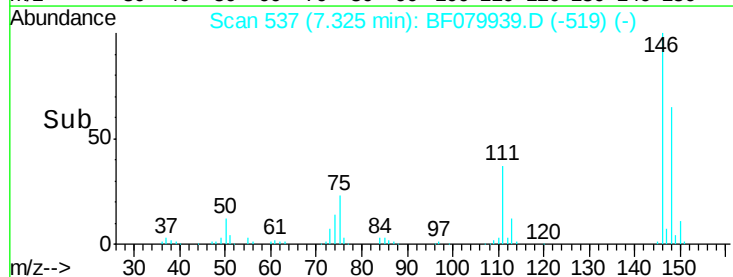
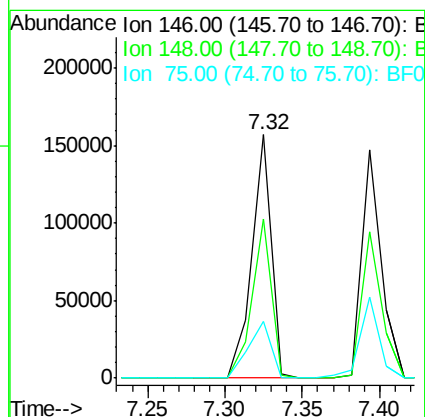
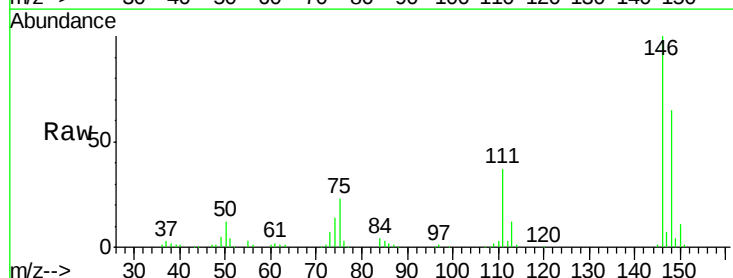
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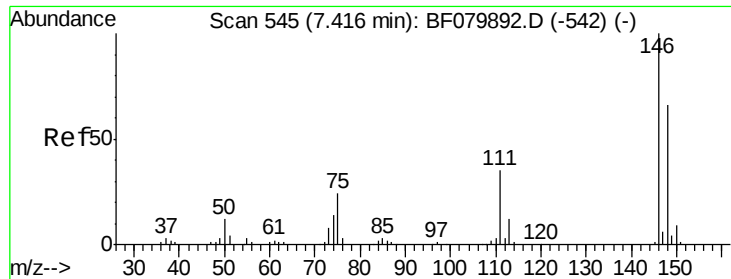
apatel
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#12
1,3-Dichlorobenzene
Concen: 37.95 ng m
RT: 7.32 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.3	50.9	76.3
75	23.4	25.8	38.6





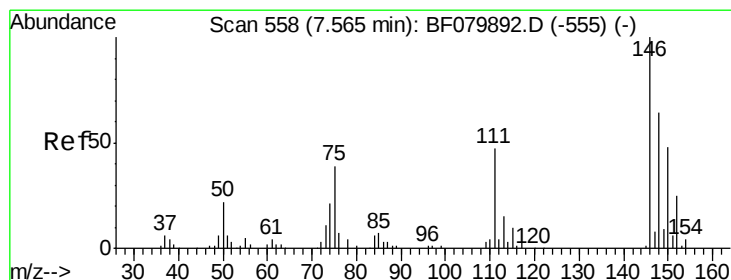
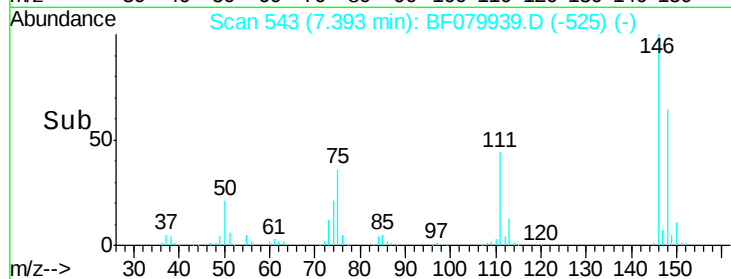
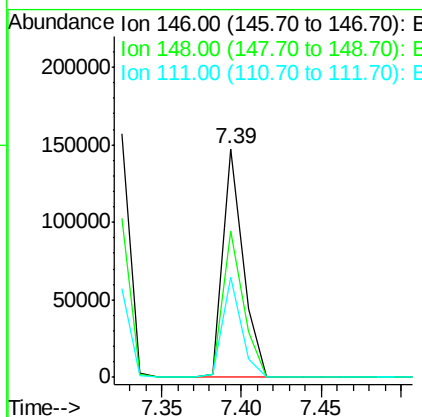
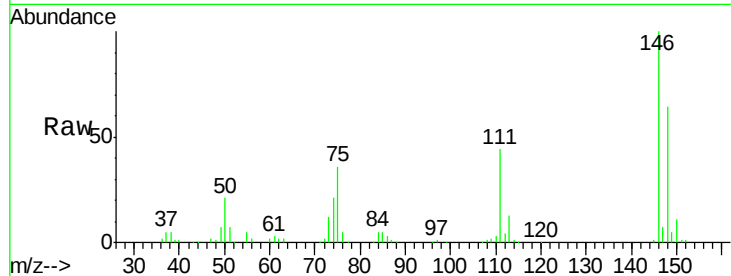
#13
 1,4-Dichlorobenzene
 Concen: 35.88 ng m
 RT: 7.39 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.0	79.6
111	43.7	28.2	42.2#

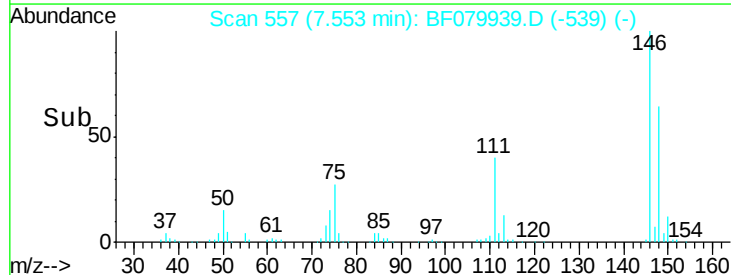
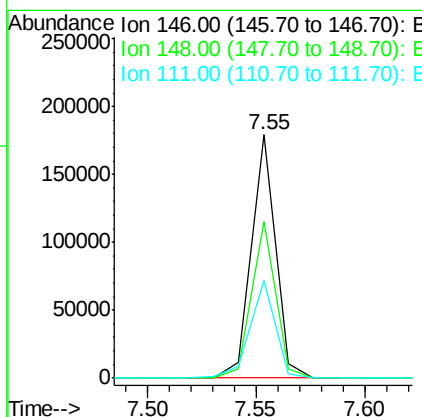
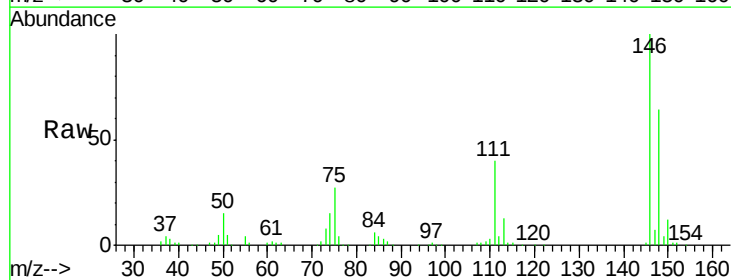
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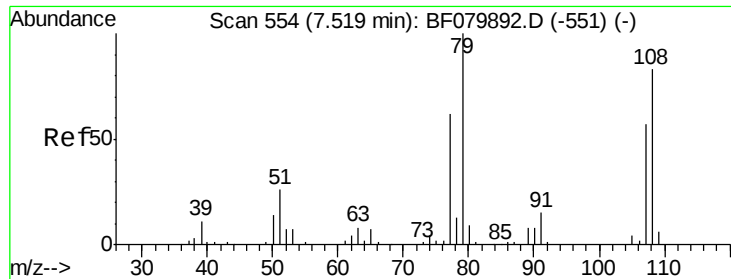
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#14
 1,2-Dichlorobenzene
 Concen: 41.86 ng
 RT: 7.55 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	40.2	37.3	55.9





#15

Benzyl Alcohol

Concen: 36.53 ng

RT: 7.50 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

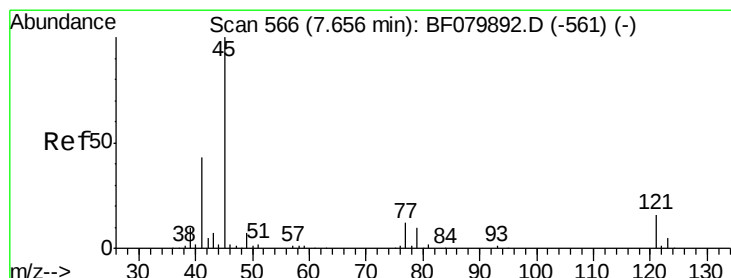
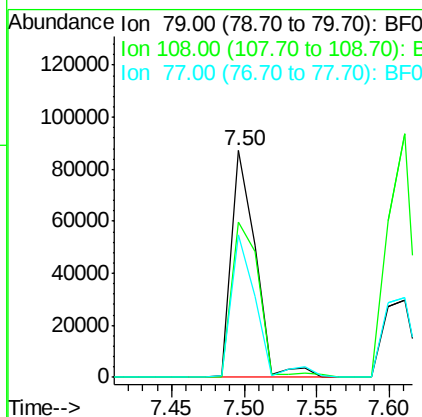
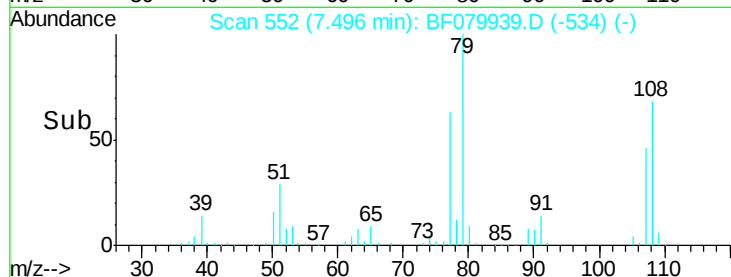
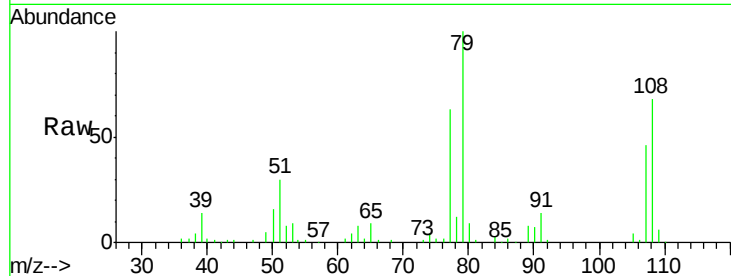
ClientSampleId :

PB83955BS

Tgt Ion:	79	Resp:	100505
Ion Ratio	Lower	Upper	
79	100		
108	68.3	66.4	99.6
77	62.7	49.4	74.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.12 ng

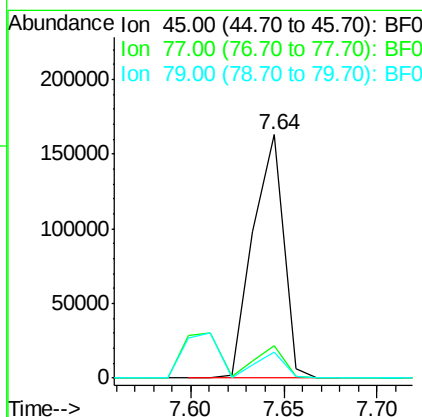
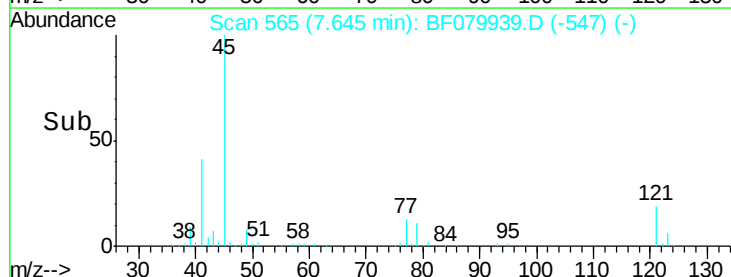
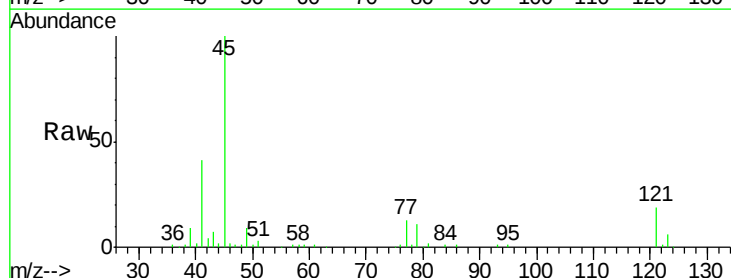
RT: 7.64 min Scan# 565

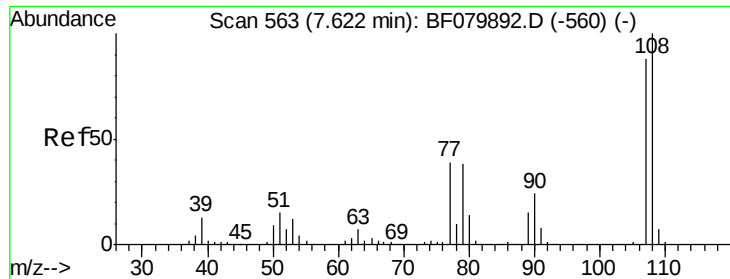
Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Tgt Ion:	45	Resp:	184959
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	31.9
79	10.8	0.0	29.6





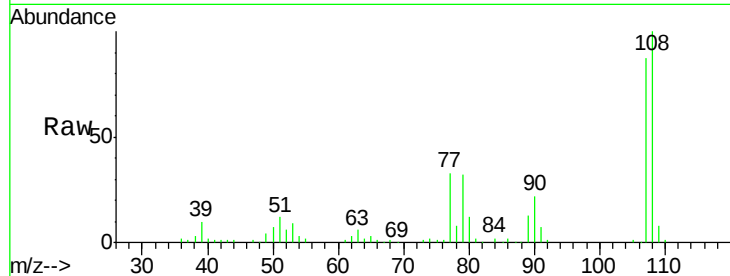
#17
2-Methylphenol
Concen: 34.94 ng
RT: 7.61 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB83955BS

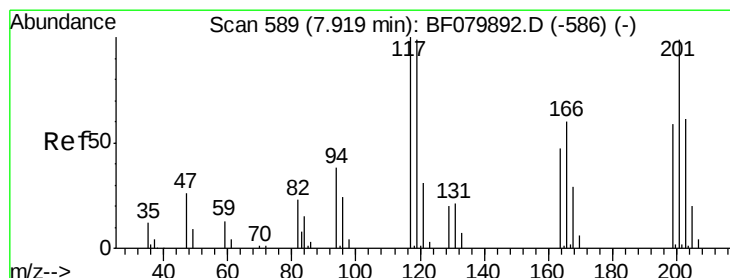
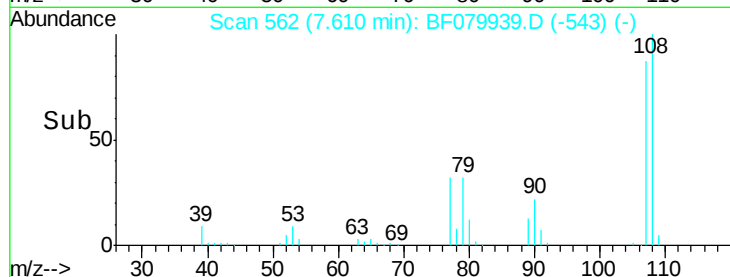
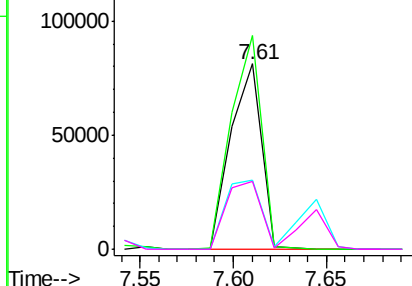
Tgt Ion:	107	Resp:	93438
Ion	Ratio	Lower	Upper
107	100		
108	115.2	90.8	136.2
77	37.5	35.4	53.2
79	36.8	34.7	52.1

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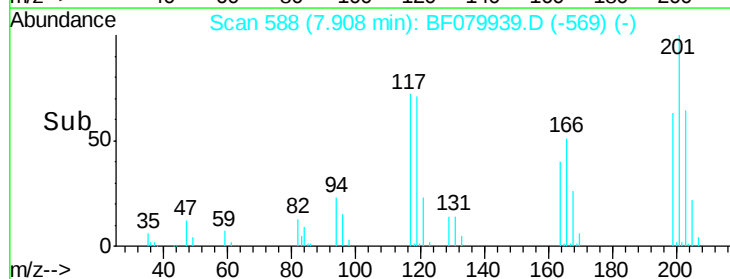
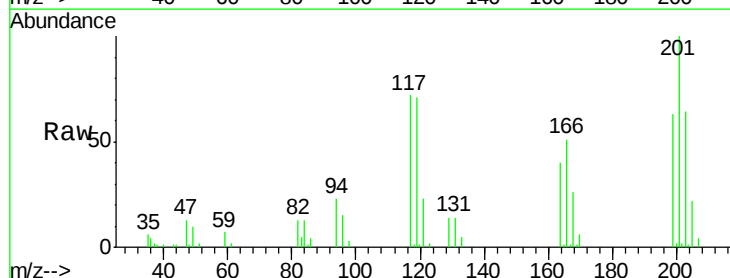
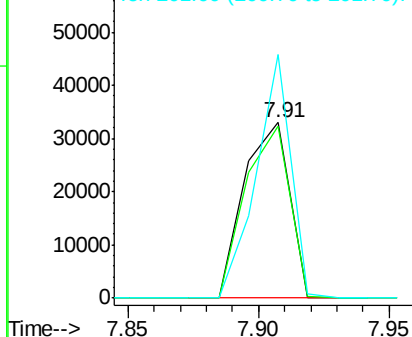
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

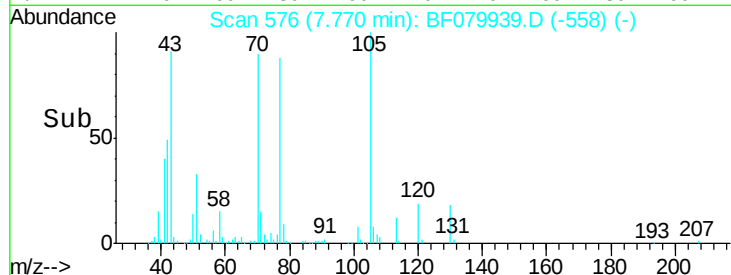
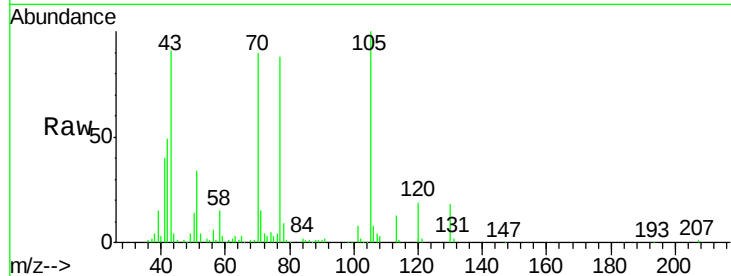
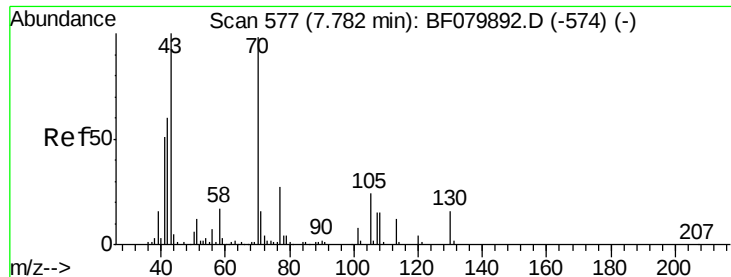


#18
Hexachloroethane
Concen: 35.19 ng
RT: 7.91 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Tgt Ion:	117	Resp:	40418
Ion	Ratio	Lower	Upper
117	100		
119	98.1	79.0	118.6
201	138.7	79.0	118.6#

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





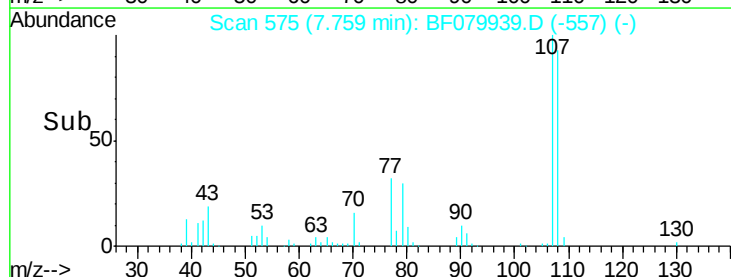
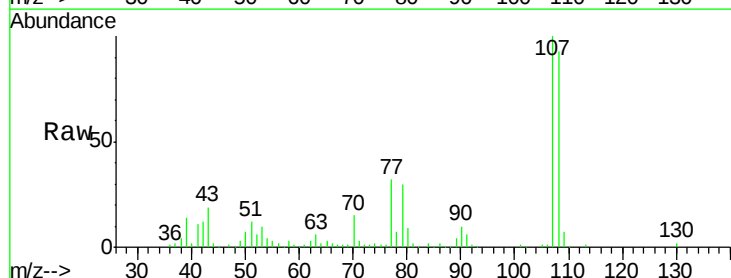
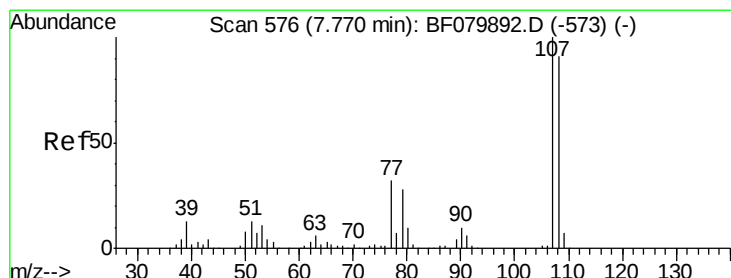
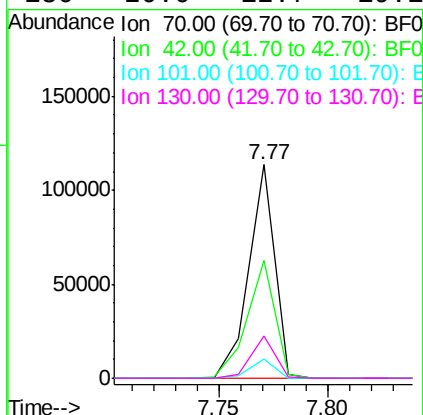
#19
n-Nitroso-di-n-propylamine
Concen: 38.34 ng
RT: 7.77 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB83955BS

Manual Integrations
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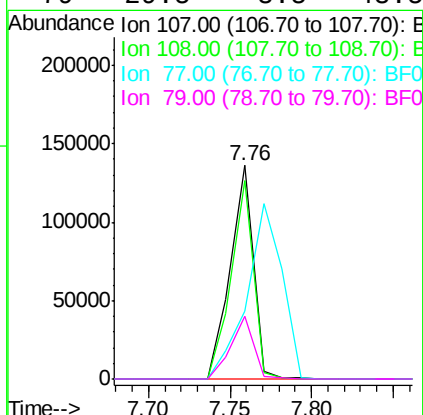
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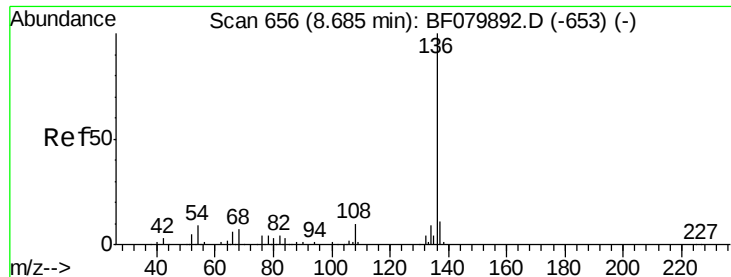
Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.1	49.0	73.4
101	9.2	6.6	9.8
130	20.0	12.7	19.1#



#20
3+4-Methylphenols
Concen: 38.79 ng
RT: 7.76 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.8	71.1	111.1
77	32.0	12.2	52.2
79	29.5	8.5	48.5





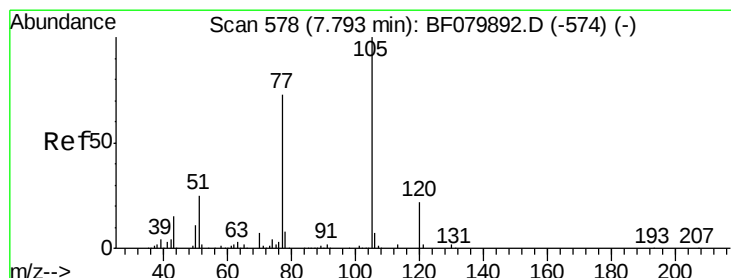
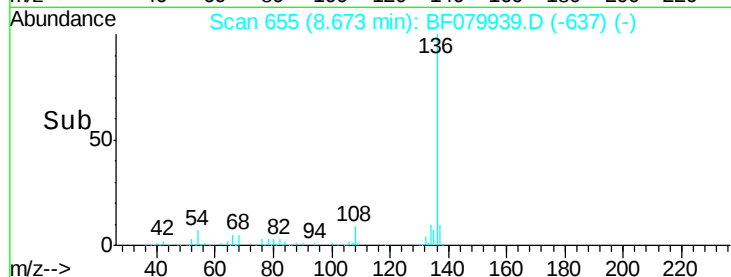
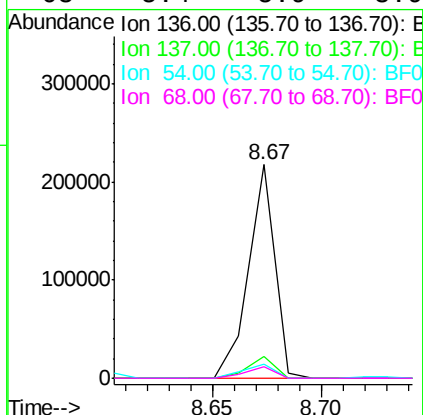
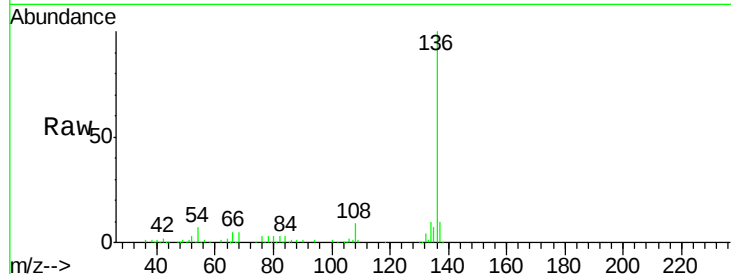
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB83955BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	182058		
137	10.3	8.7	13.1	
54	6.9	7.3	10.9	
68	5.4	5.9	8.9	

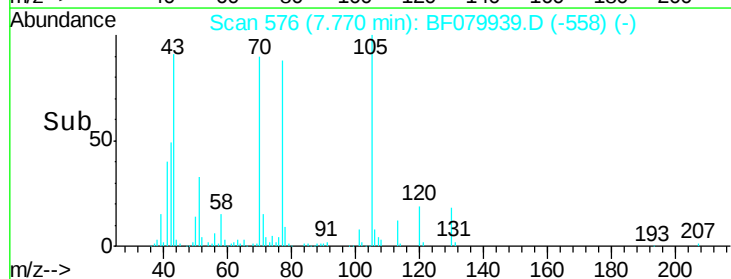
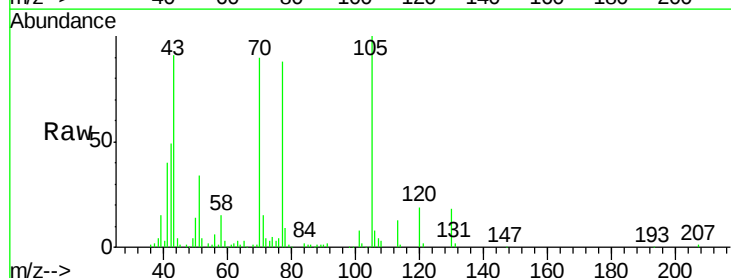
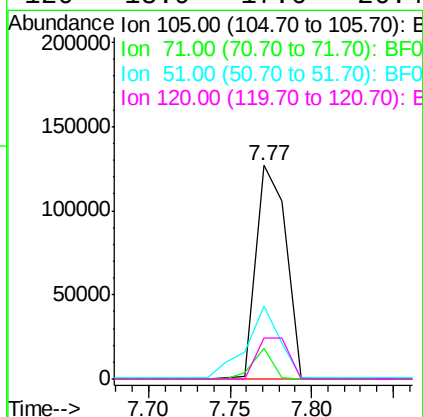
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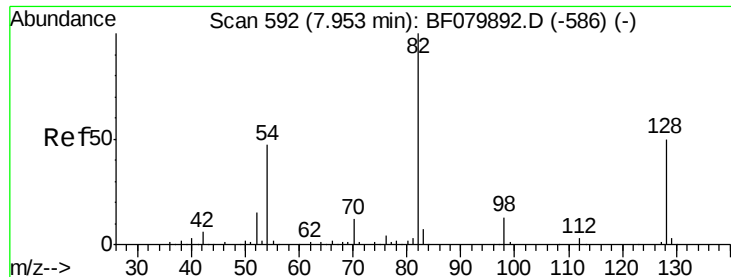
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#22
Acetophenone
Concen: 37.66 ng
RT: 7.77 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	161916		
71	14.6	1.0	1.4	
51	34.0	19.8	29.6	
120	18.9	17.6	26.4	





#23

Nitrobenzene-d5

Concen: 83.18 ng

RT: 7.93 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

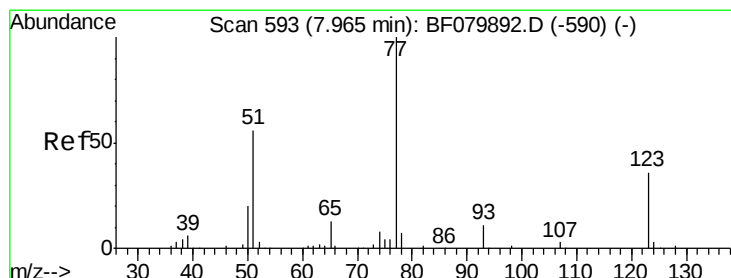
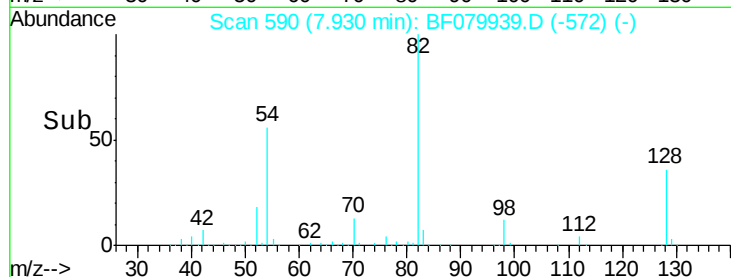
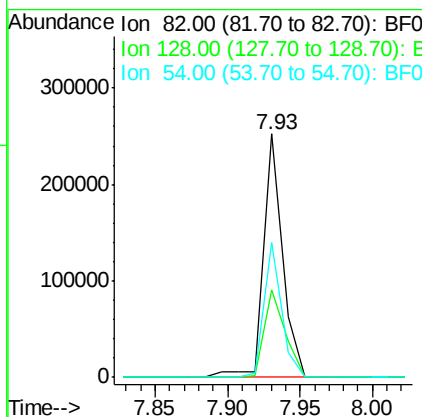
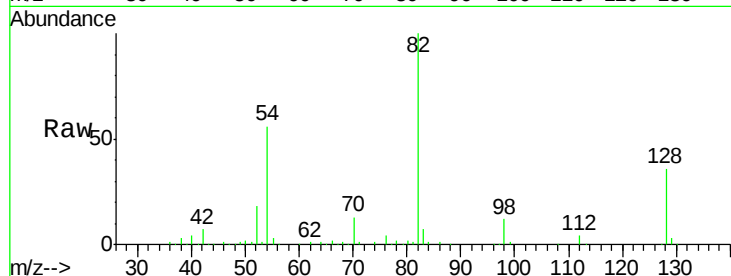
ClientSampleId :

PB83955BS

Tgt Ion:	82	Resp:	229522
Ion Ratio	Lower	Upper	
82	100		
128	36.2	40.3	60.5#
54	55.6	38.0	57.0

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#24

Nitrobenzene

Concen: 43.96 ng

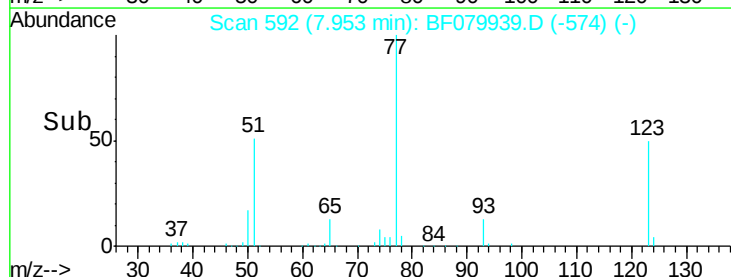
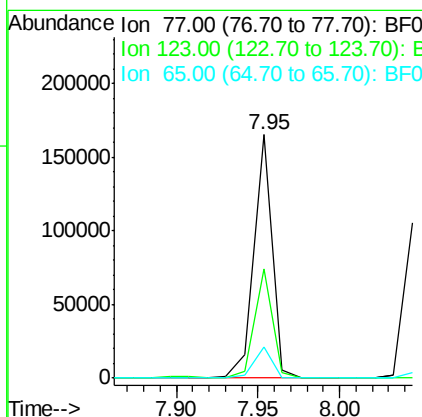
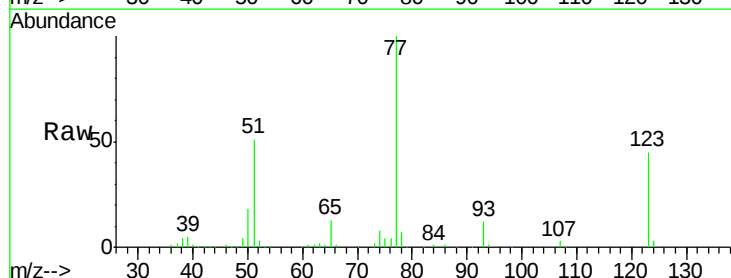
RT: 7.95 min Scan# 592

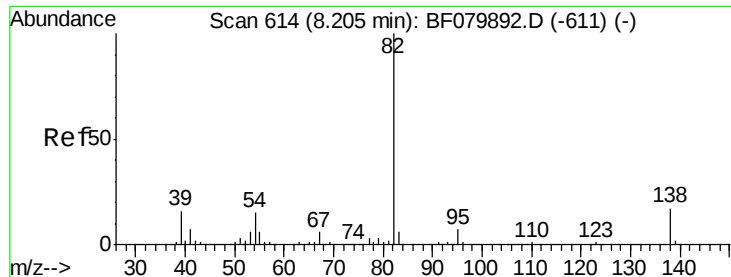
Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Tgt Ion:	77	Resp:	129030
Ion Ratio	Lower	Upper	
77	100		
123	44.7	28.8	43.2#
65	13.0	10.3	15.5





#25

Isophorone

Concen: 36.26 ng

RT: 8.19 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

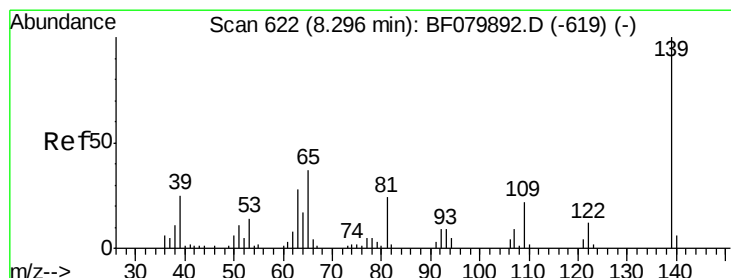
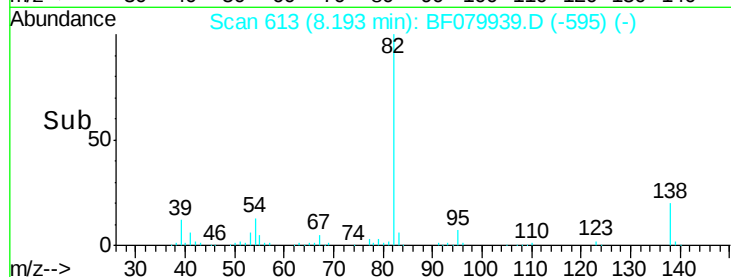
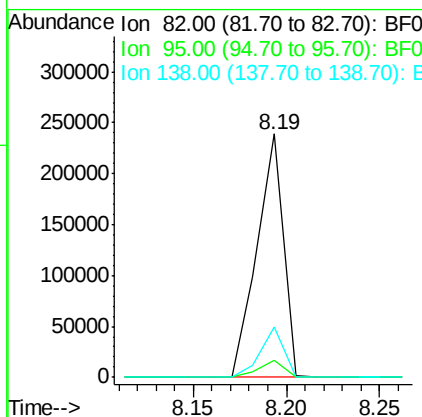
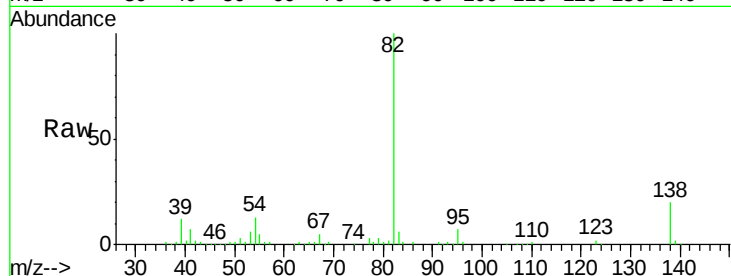
ClientSampleId :

PB83955BS

Tgt Ion:	82	Resp:	232814
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.2	7.8
138	20.5	13.3	19.9#

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#26

2-Nitrophenol

Concen: 40.66 ng

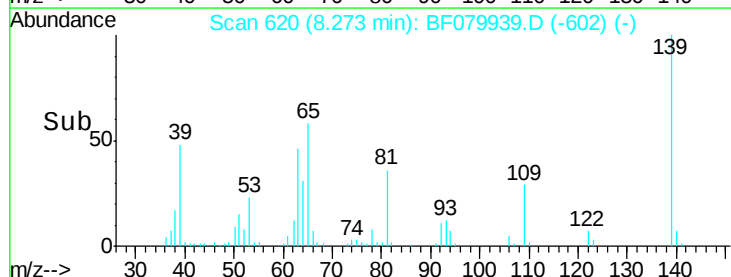
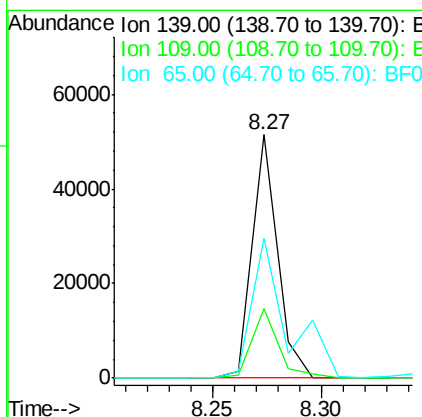
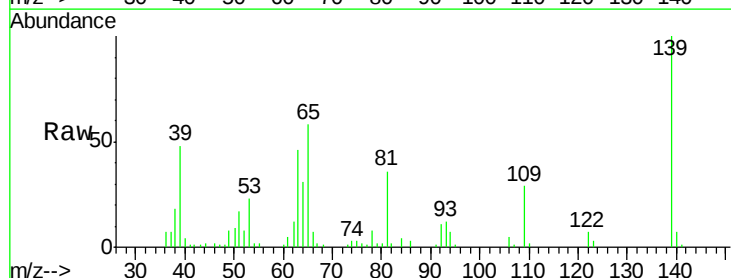
RT: 8.27 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Tgt Ion:	139	Resp:	41479
Ion Ratio		Lower	Upper
139	100		
109	28.8	17.8	26.6#
65	57.5	29.4	44.0#





#27

2,4-Dimethylphenol

Concen: 41.31 ng

RT: 8.30 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

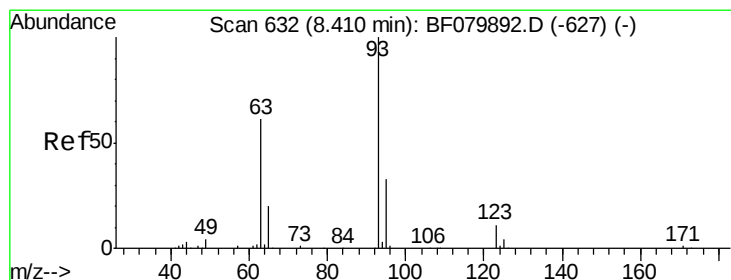
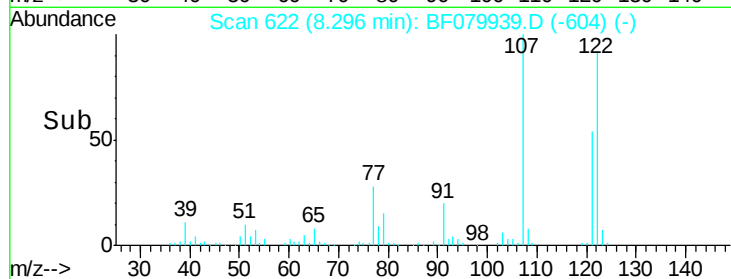
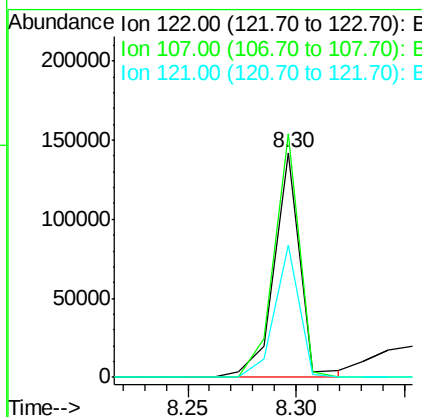
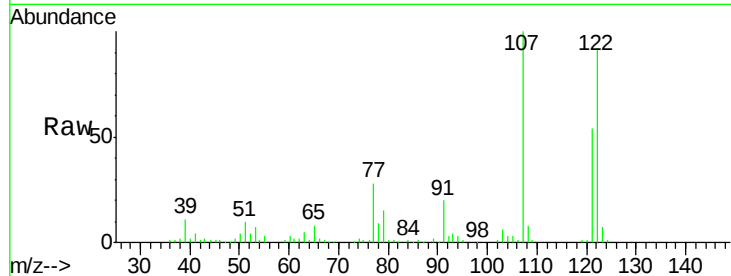
ClientSampleId :

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Tgt Ion:	122	Resp:	118889
Ion Ratio	Lower	Upper	
122	100		
107	108.4	91.7	137.5
121	59.0	47.8	71.6



#28

bis(2-Chloroethoxy)methane

Concen: 34.95 ng

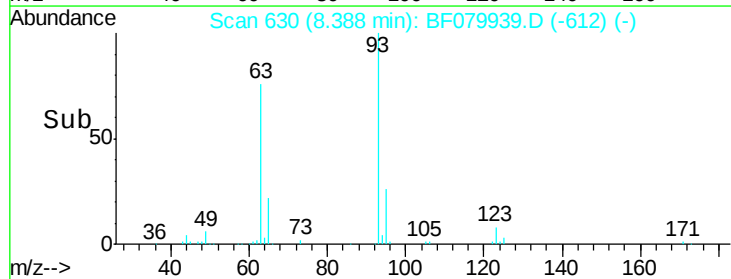
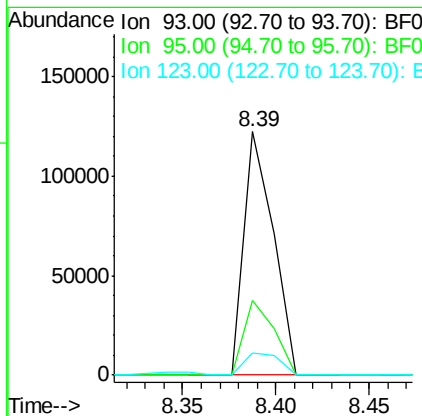
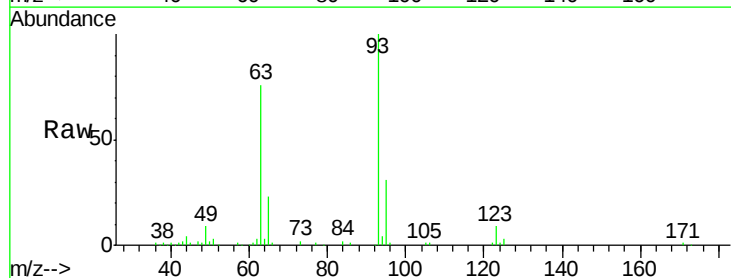
RT: 8.39 min Scan# 630

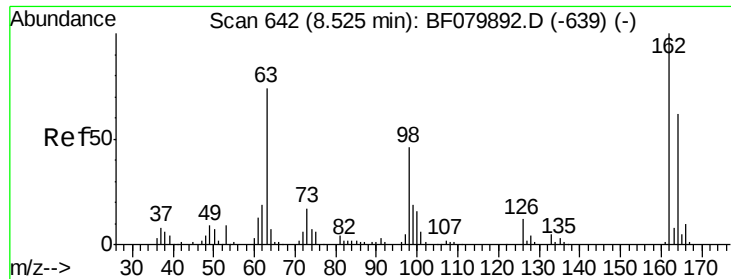
Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Tgt Ion:	93	Resp:	133270
Ion Ratio	Lower	Upper	
93	100		
95	30.8	26.1	39.1
123	9.0	8.9	13.3





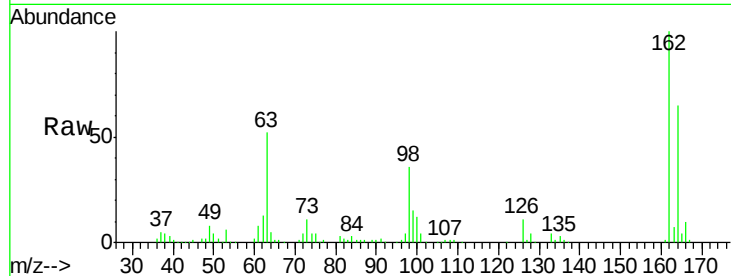
#29
 2,4-Dichlorophenol
 Concen: 46.18 ng
 RT: 8.51 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BS

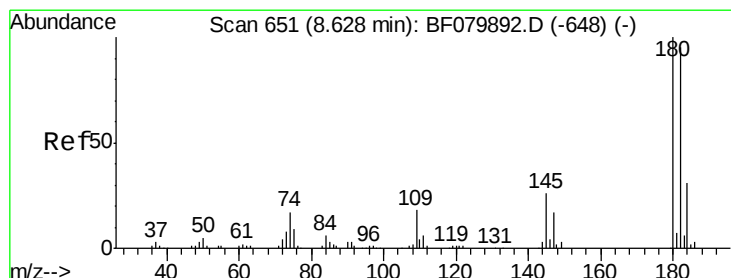
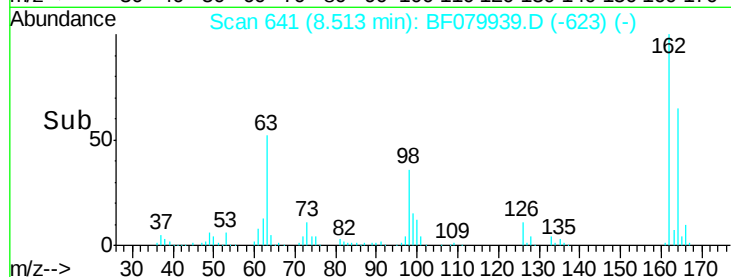
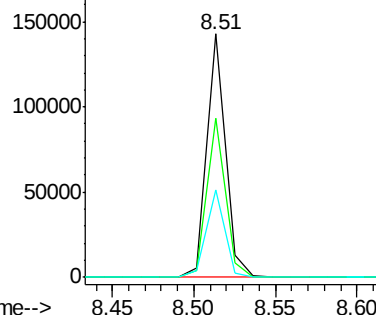
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	111300		
164	65.4	42.2	82.2	
98	36.0	26.0	66.0	

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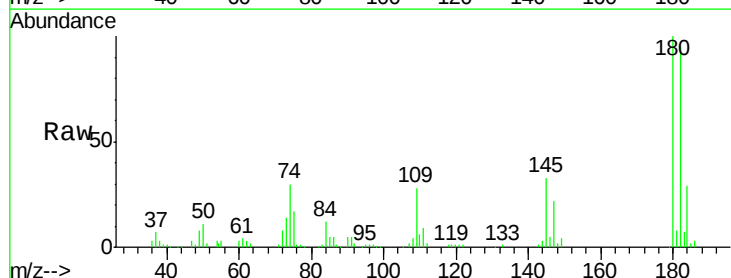


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

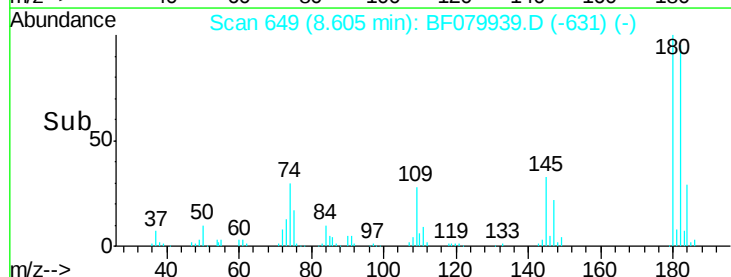
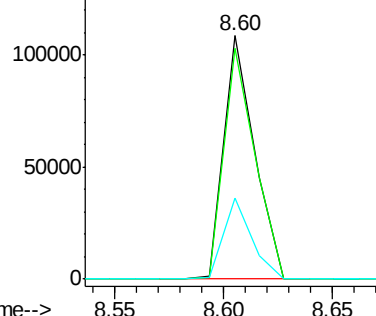


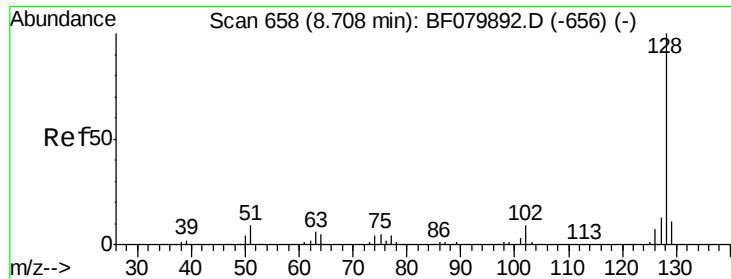
#30
 1,2,4-Trichlorobenzene
 Concen: 34.70 ng
 RT: 8.60 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	106311		
182	94.6	75.7	113.5	
145	33.1	21.1	31.7#	



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





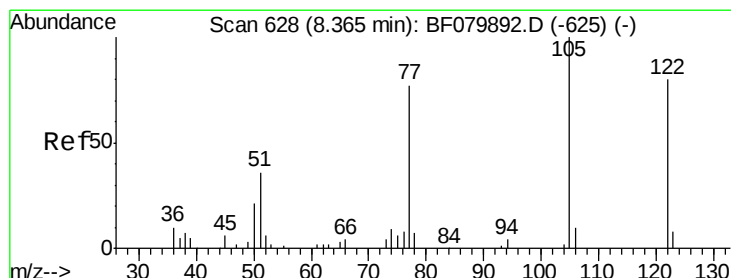
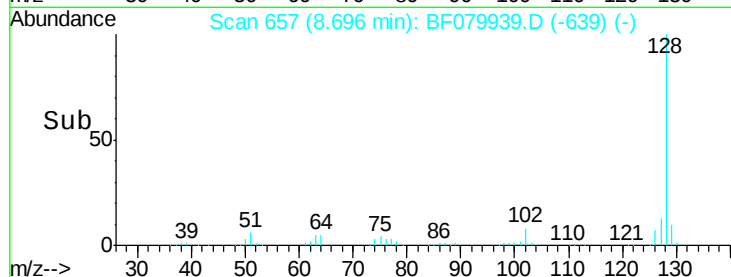
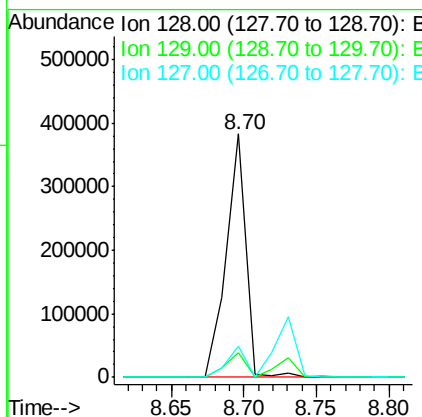
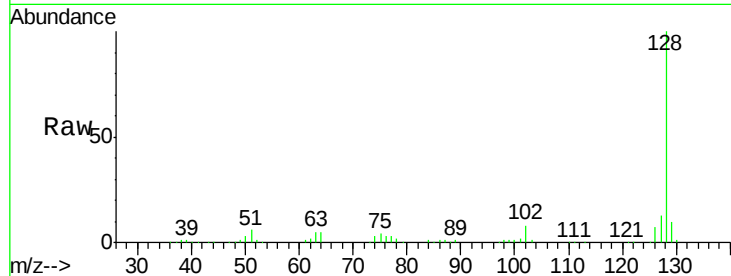
#31
Naphthalene
Concen: 36.15 ng
RT: 8.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB83955BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	359755		
129	10.2	8.8	13.2	
127	12.9	10.5	15.7	

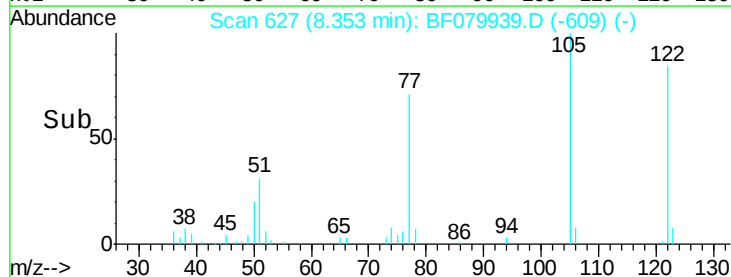
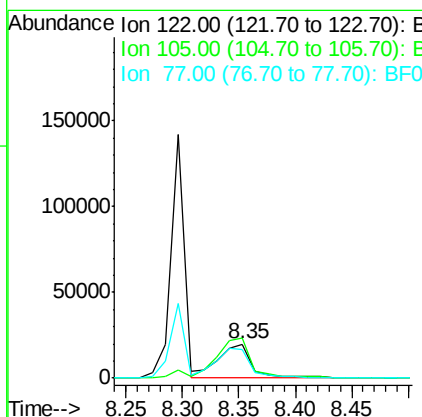
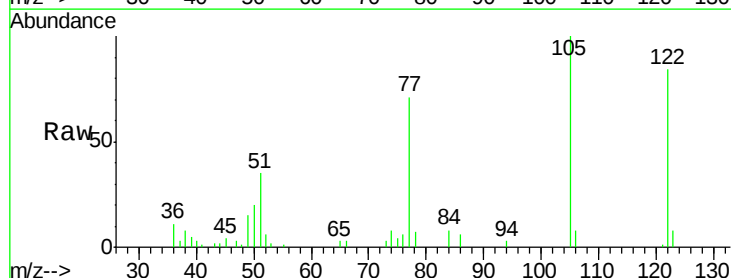
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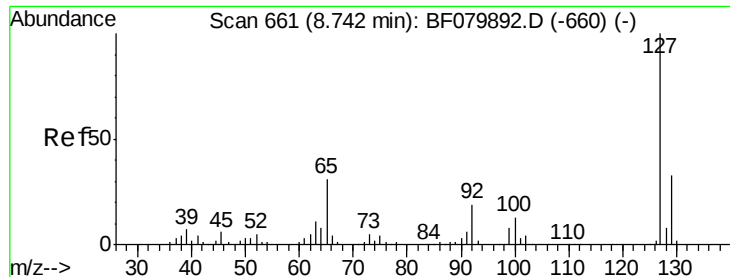
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#32
Benzoic acid
Concen: 38.84 ng m
RT: 8.35 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	41427		
105	118.7	102.7	142.7	
77	84.7	77.1	117.1	





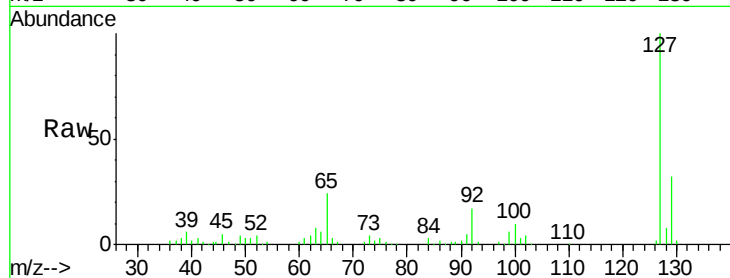
#33
4-Chloroaniline
Concen: 35.73 ng
RT: 8.73 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB83955BS

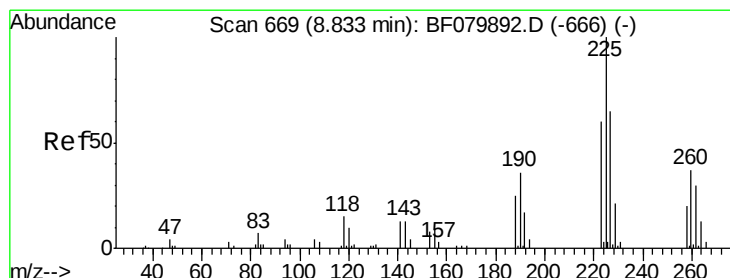
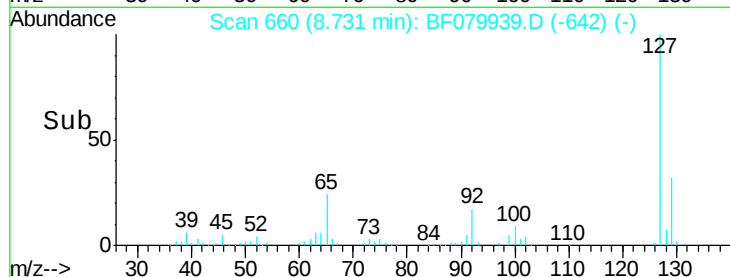
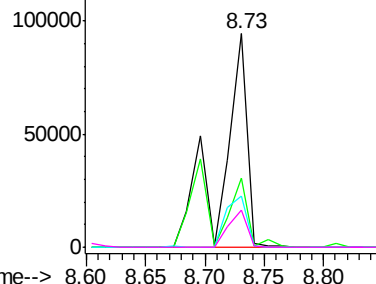
Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.1	39.1	
65	23.9	25.5	38.3	
92	17.2	15.7	23.5	

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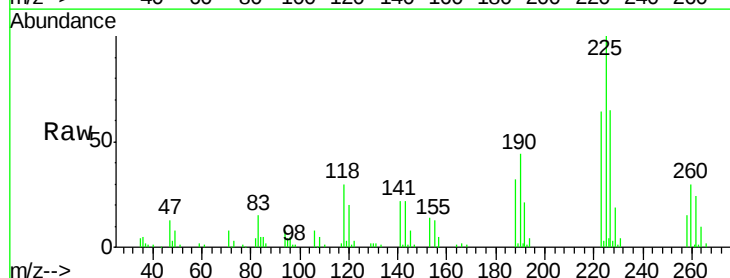


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

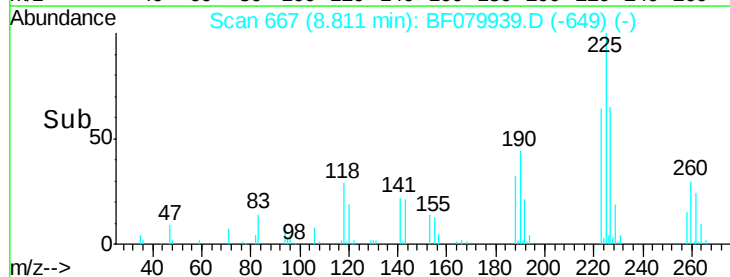
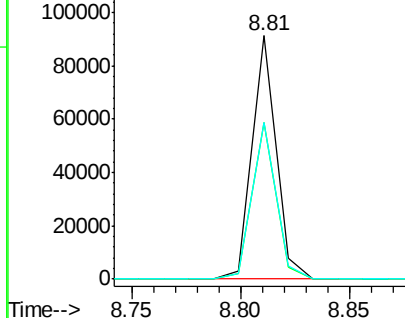


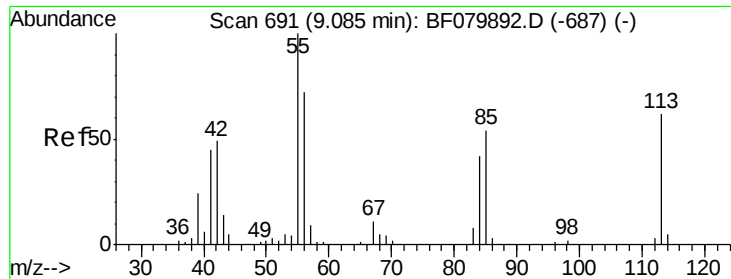
#34
Hexachlorobutadiene
Concen: 41.23 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	47.8	71.6	
227	64.5	52.0	78.0	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





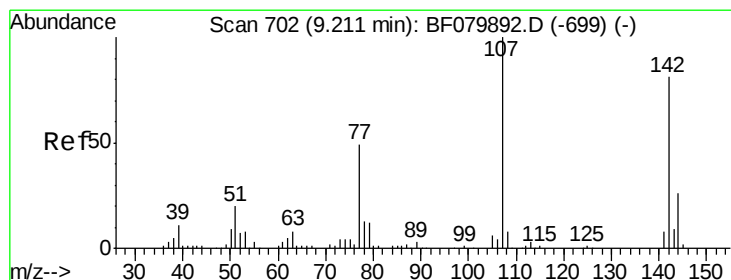
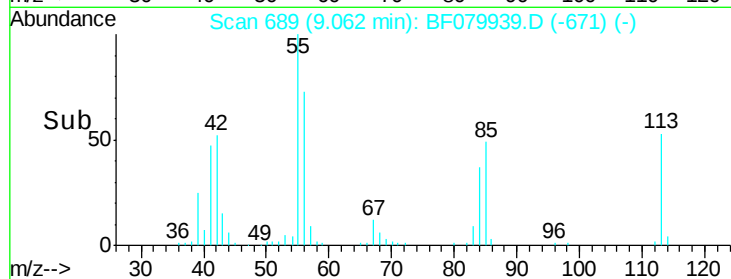
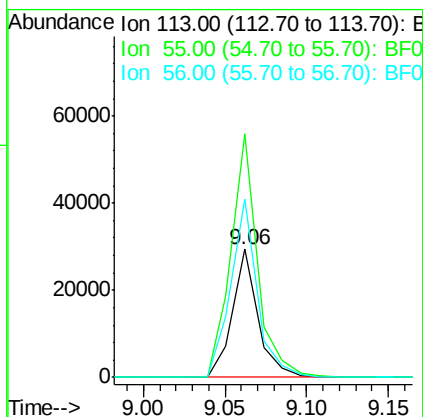
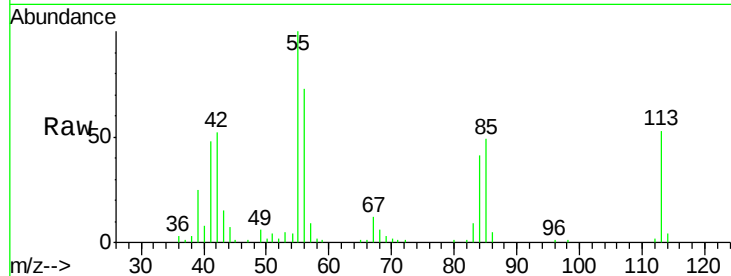
#35
 Caprolactam
 Concen: 41.49 ng
 RT: 9.06 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BS

Tgt Ion:113 Resp: 31629
 Ion Ratio Lower Upper
 113 100
 55 189.9 141.4 181.4#
 56 139.3 95.9 135.9#

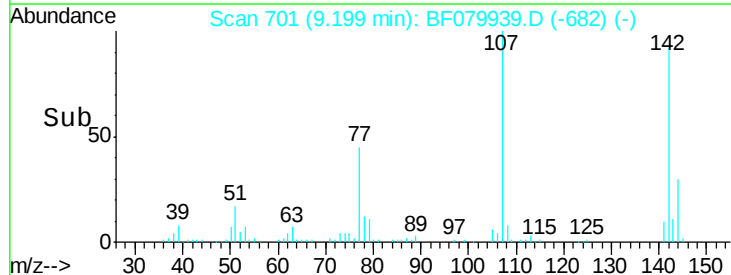
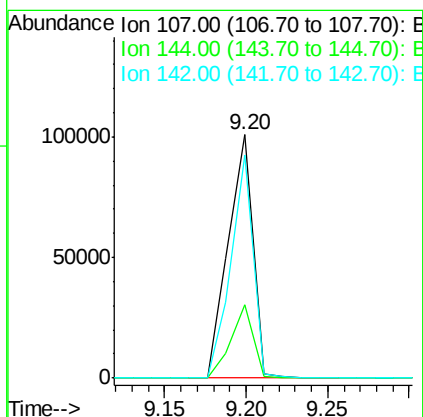
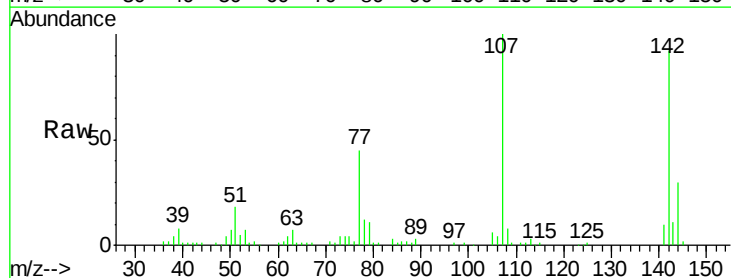
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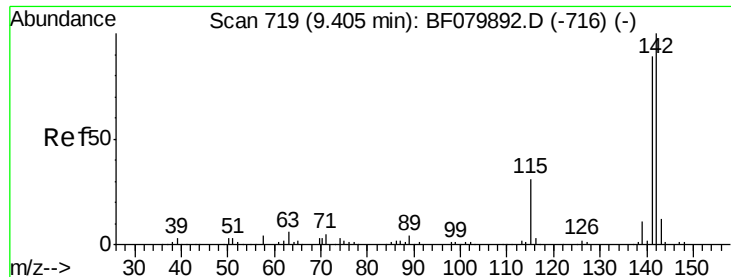
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#36
 4-Chloro-3-methylphenol
 Concen: 38.14 ng
 RT: 9.20 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

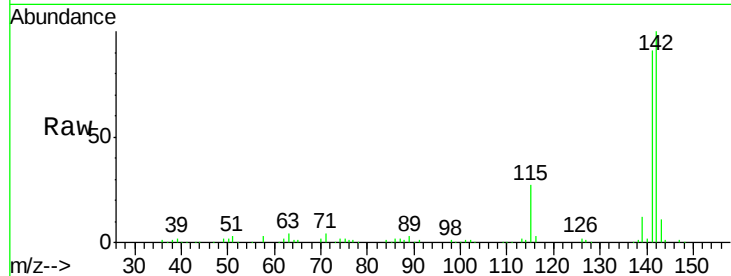
Tgt Ion:107 Resp: 105023
 Ion Ratio Lower Upper
 107 100
 144 30.3 21.0 31.6
 142 91.8 64.5 96.7





#37
 2-Methylnaphthalene
 Concen: 35.35 ng
 RT: 9.39 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

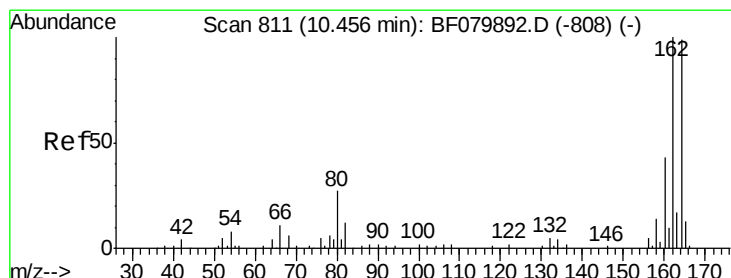
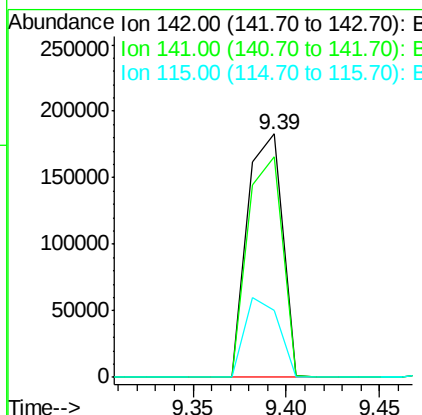
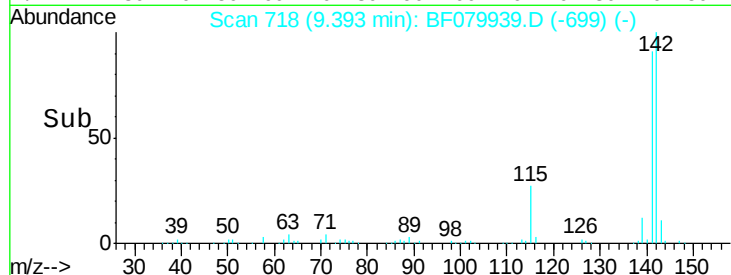
Instrument :
 BNA_F
 ClientSampleId :
 PB83955BS



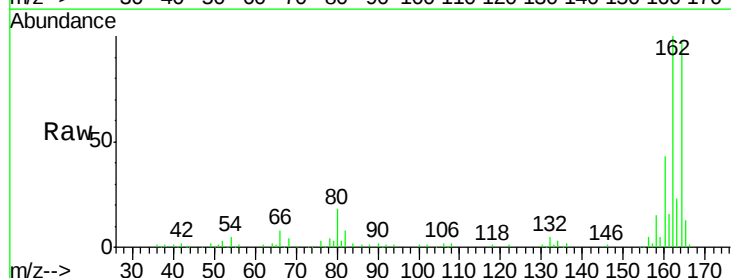
Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	90.8	70.9	106.3
115	27.3	25.0	37.4

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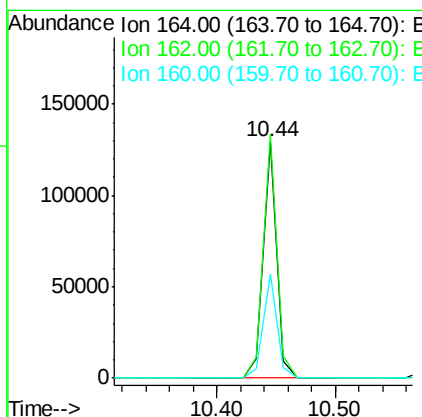
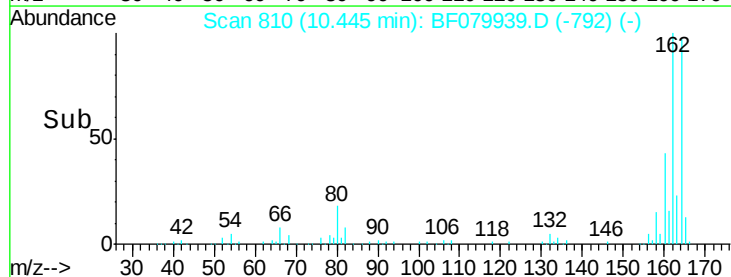
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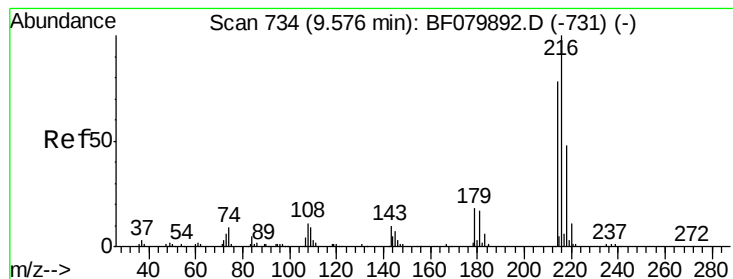


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08



Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	102.9	80.7	121.1
160	44.1	34.6	51.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.74 ng

RT: 9.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

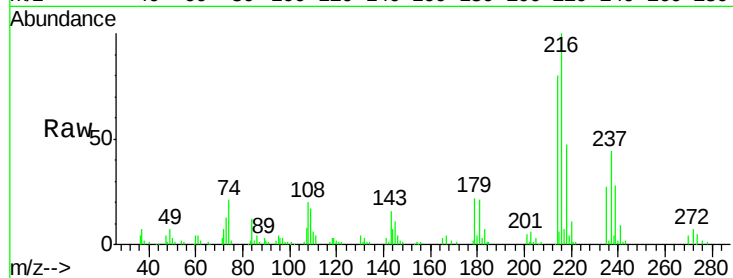
ClientSampleId :

PB83955BS

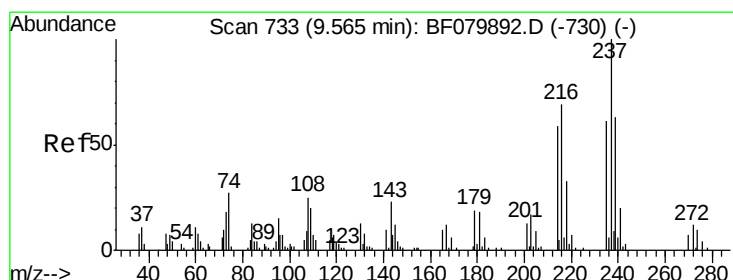
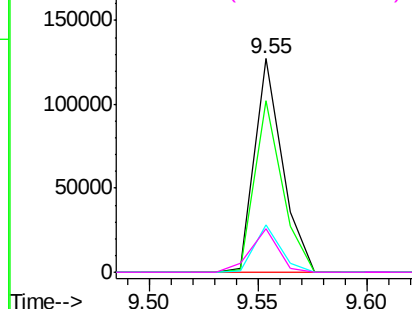
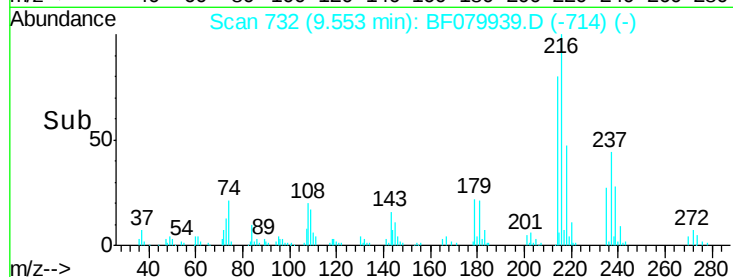
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	113380		
214	79.5	63.5	95.3	
179	21.0	15.8	23.8	
108	20.4	13.7	20.5	



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: 66.01 ng

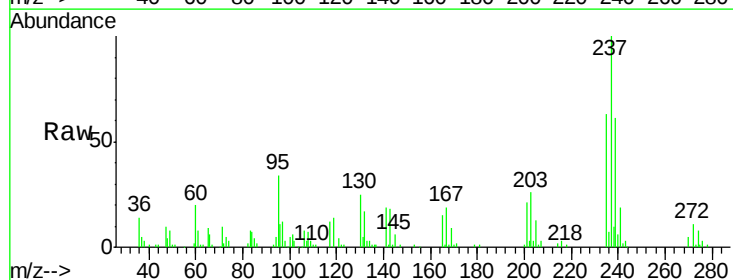
RT: 9.54 min Scan# 731

Delta R.T. 0.00 min

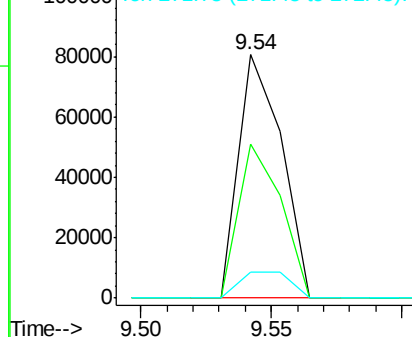
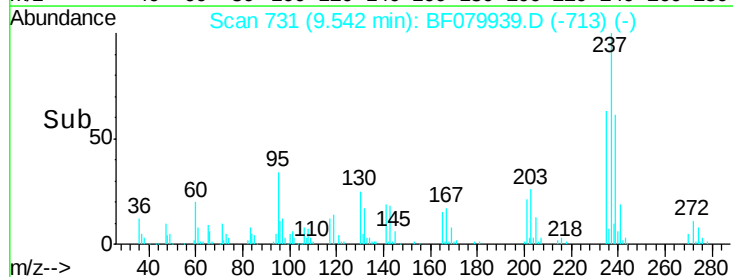
Lab File: BF079939.D

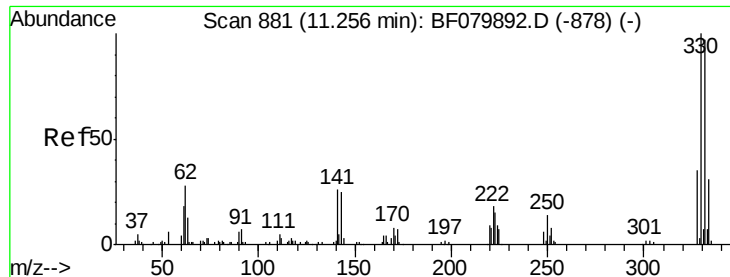
Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	93313		
235	63.5	41.3	81.3	
272	10.8	0.0	32.2	



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





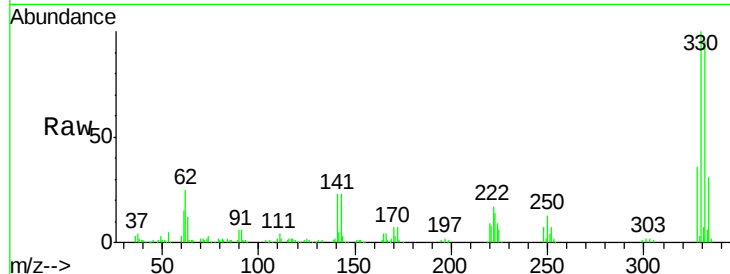
#41
 2,4,6-Tribromophenol
 Concen: 113.12 ng
 RT: 11.25 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BS

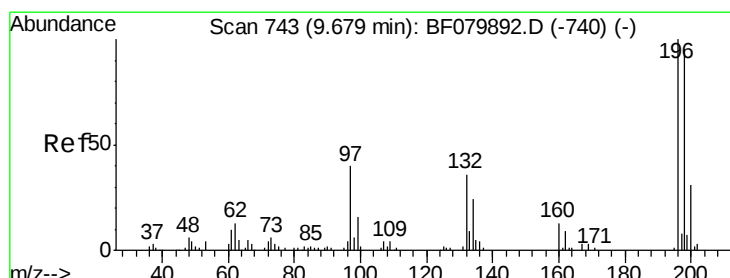
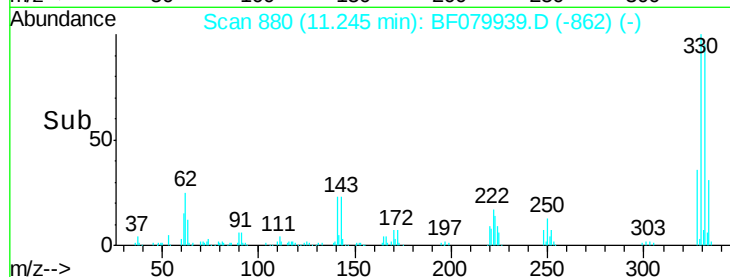
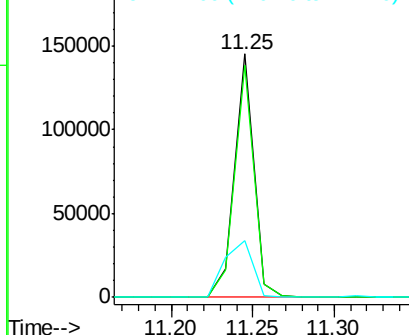
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	117399		
332	95.4	77.3	115.9	
141	34.2	26.8	40.2	

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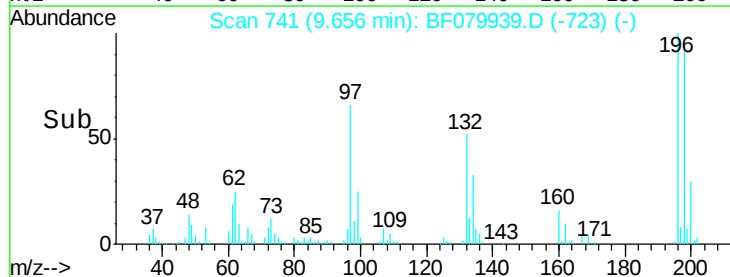
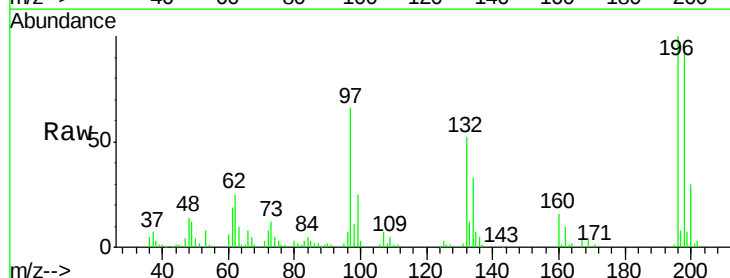
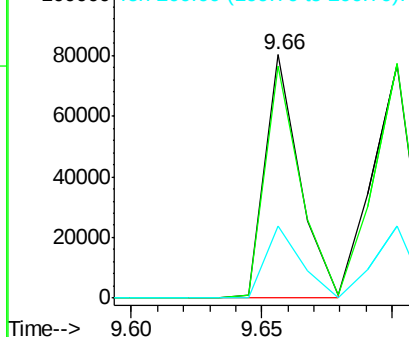
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

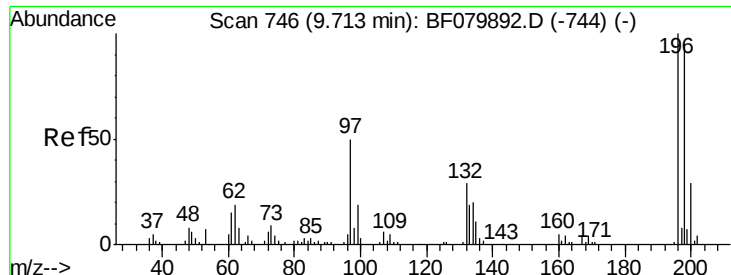


#42
 2,4,6-Trichlorophenol
 Concen: 34.61 ng
 RT: 9.66 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73853		
198	95.5	76.0	114.0	
200	29.5	24.9	37.3	

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





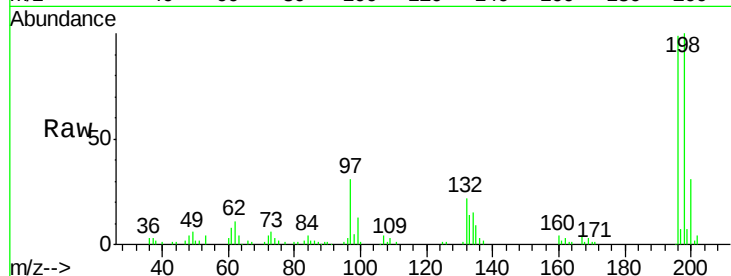
#43
 2,4,5-Trichlorophenol
 Concen: 33.36 ng
 RT: 9.70 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	78579		
198	100.6	76.0	114.0	
97	31.7	39.4	59.2	
132	21.7	23.6	35.4	

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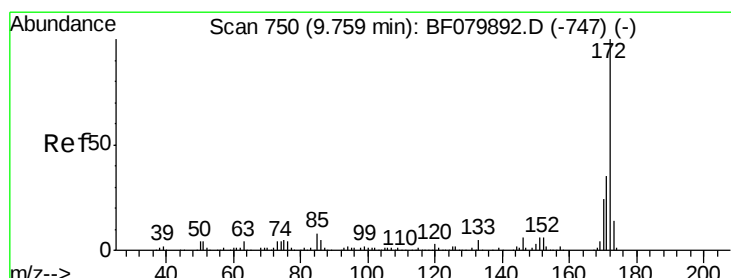
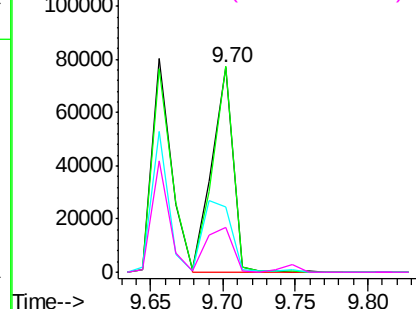
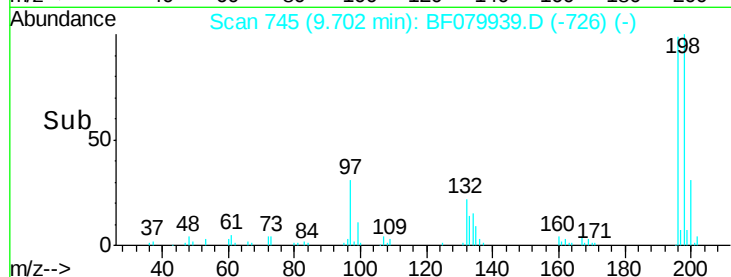
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

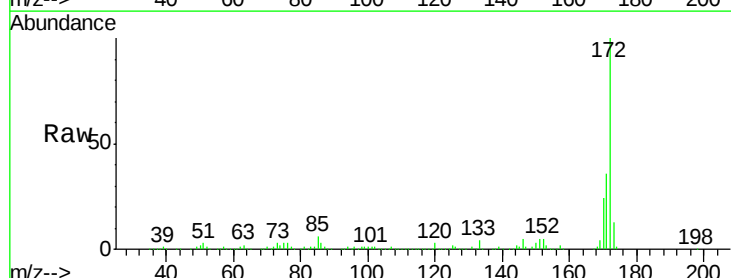
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.87 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	560272		
171	35.9	28.3	42.5	
170	23.7	19.0	28.4	

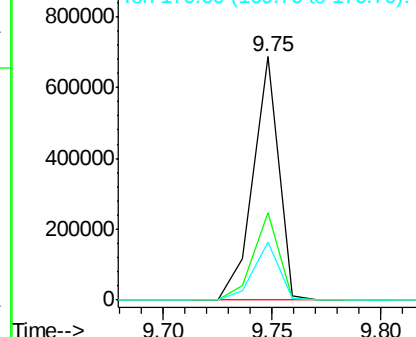
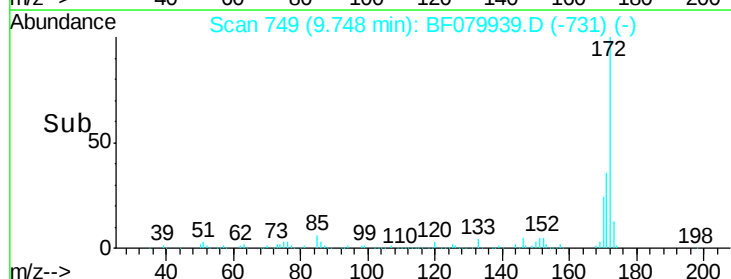


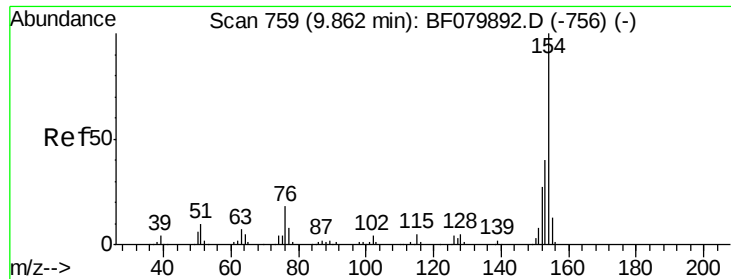
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.48 ng

RT: 9.85 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

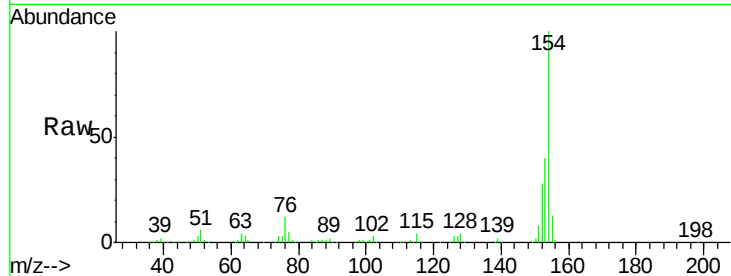
ClientSampleId :

PB83955BS

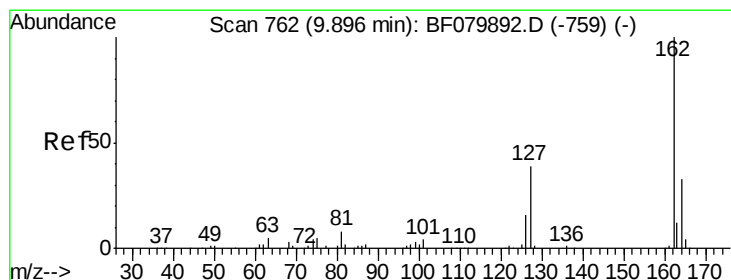
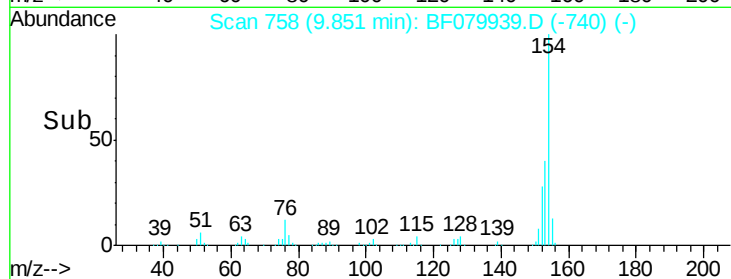
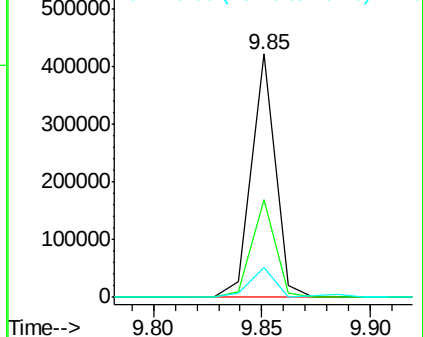
Tgt Ion:	154	Resp:	321991
Ion Ratio	Lower	Upper	
154	100		
153	39.9	20.1	60.1
76	12.0	0.0	38.4

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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: 33.97 ng

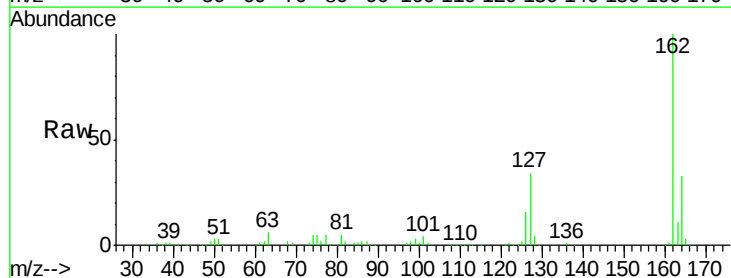
RT: 9.88 min Scan# 761

Delta R.T. 0.00 min

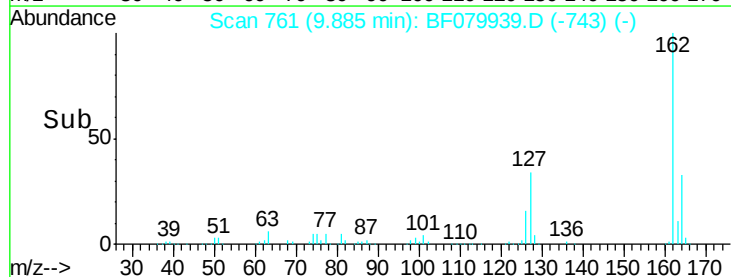
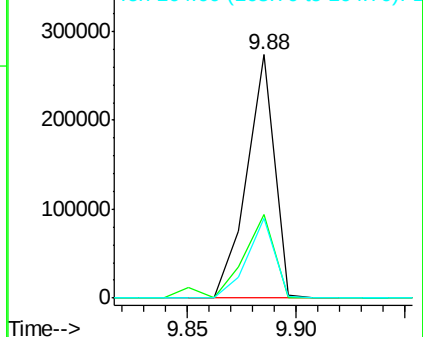
Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Tgt Ion:	162	Resp:	241992
Ion Ratio	Lower	Upper	
162	100		
127	34.2	33.1	49.7
164	32.9	26.2	39.4



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: 38.56 ng

RT: 9.96 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF079939.D

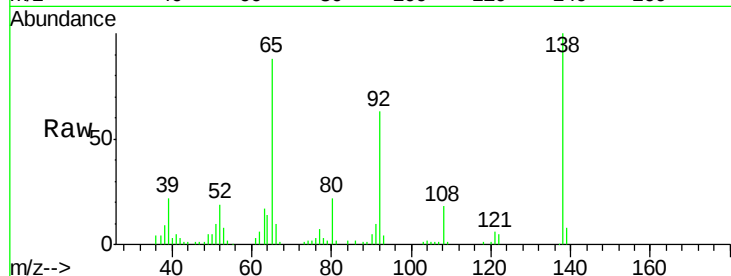
Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

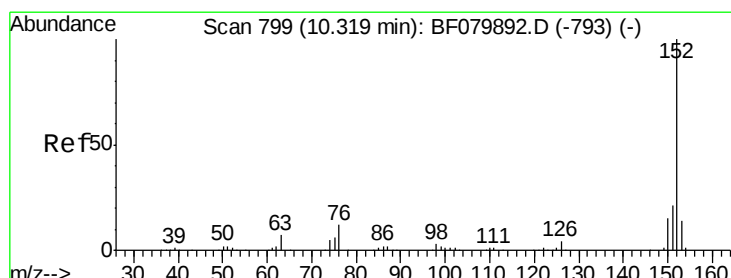
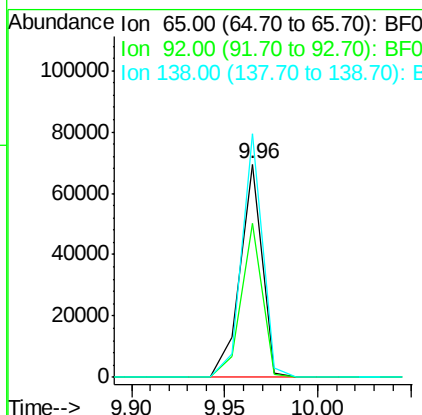
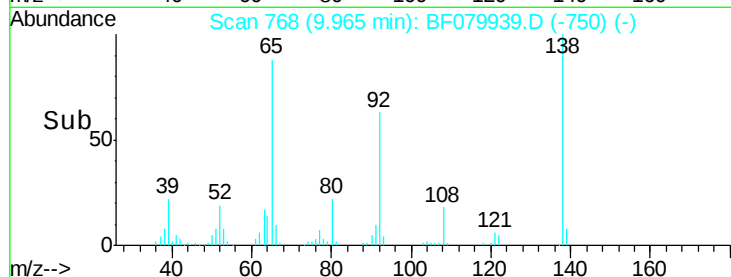
PB83955BS



Tgt Ion:	65	Resp:	57590
Ion Ratio	Lower	Upper	
65	100		
92	72.1	51.1	76.7
138	114.3	62.0	93.0#

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#48

Acenaphthylene

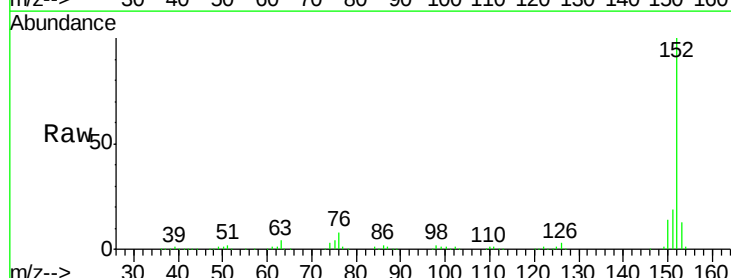
Concen: 32.98 ng

RT: 10.31 min Scan# 798

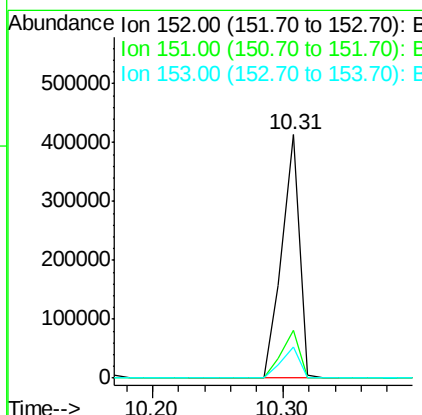
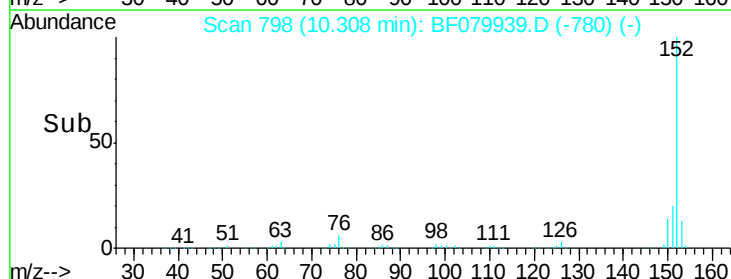
Delta R.T. 0.00 min

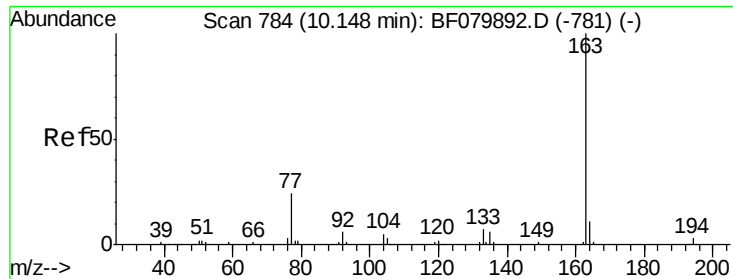
Lab File: BF079939.D

Acq: 12 Jun 2015 17:08



Tgt Ion:	152	Resp:	396590
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.8	25.2
153	12.8	10.8	16.2





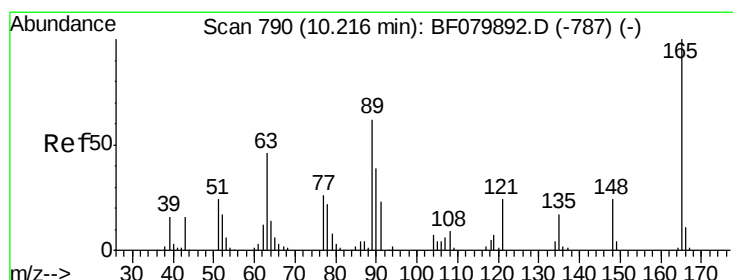
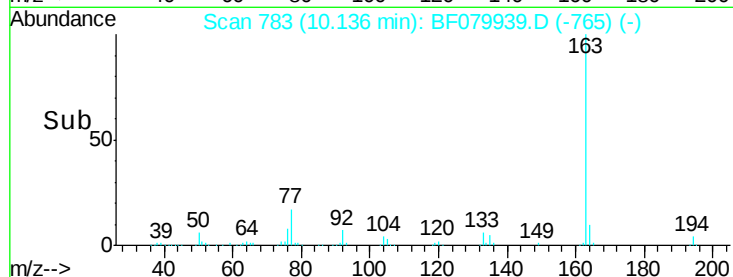
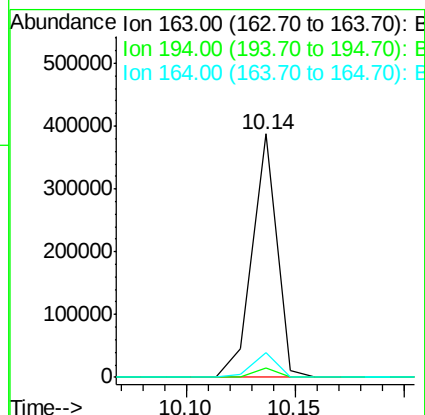
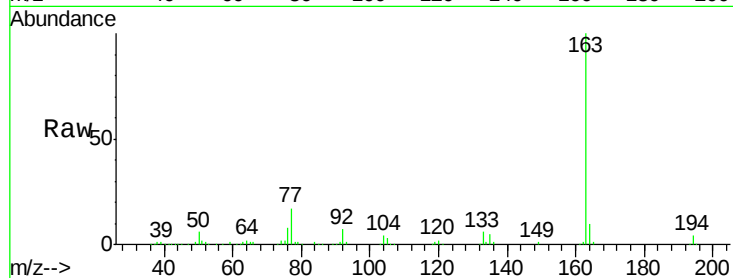
#49
Dimethylphthalate
Concen: 36.75 ng
RT: 10.14 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Instrument :
BNA_F
ClientSampled :
PB83955BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	304461		
194	3.7	2.6	4.0	
164	10.1	8.6	12.8	

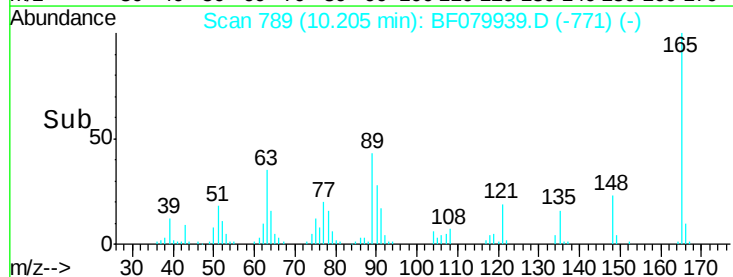
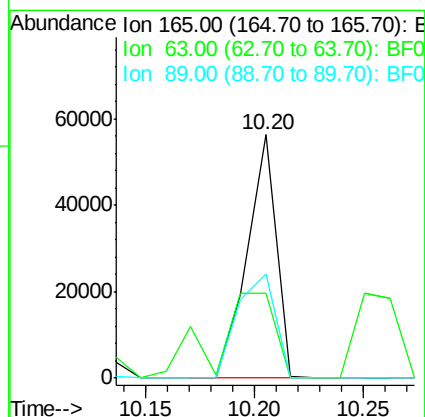
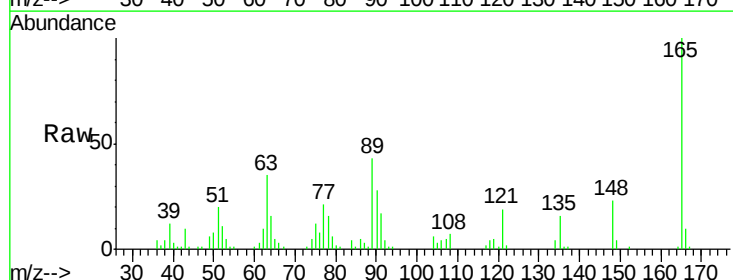
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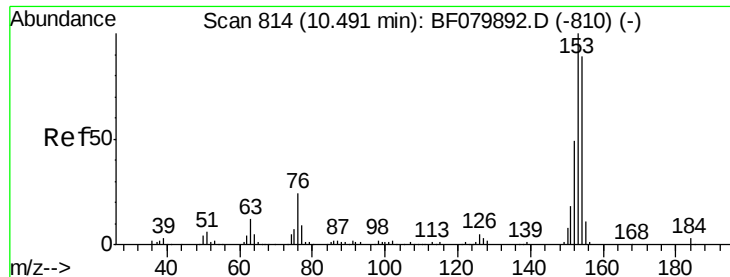
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#50
2,6-Dinitrotoluene
Concen: 35.40 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	52303		
63	35.1	46.4	69.6#	
89	42.9	49.6	74.4#	





#51

Acenaphthene

Concen: 36.23 ng

RT: 10.48 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

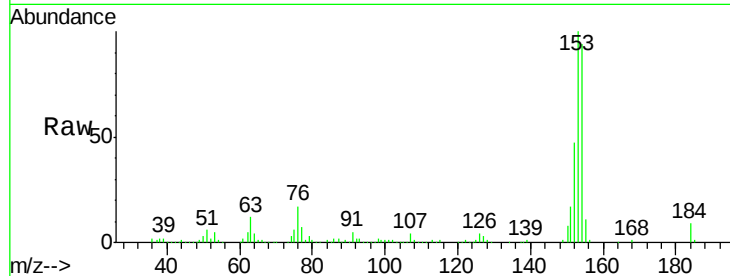
ClientSampleId :

PB83955BS

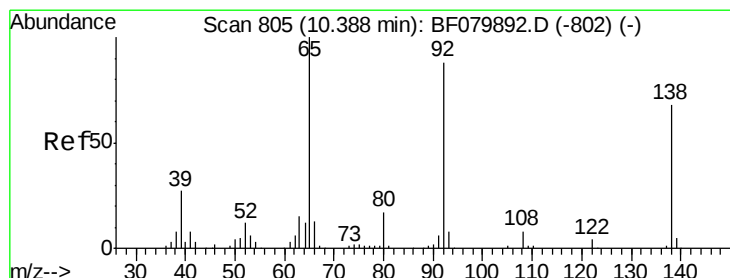
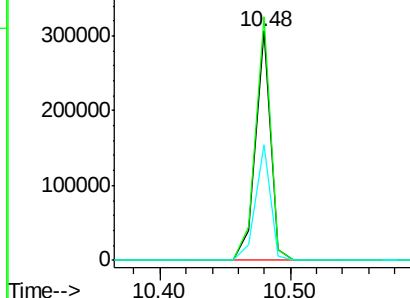
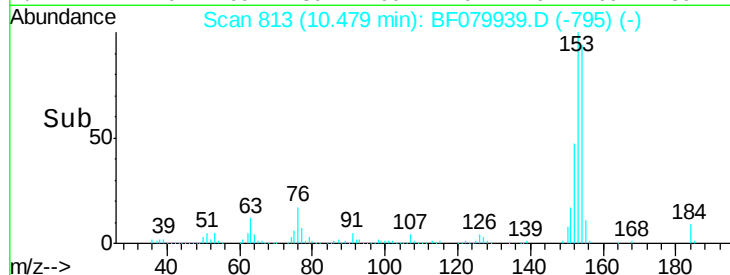
Tgt Ion:	154	Resp:	247637
Ion Ratio	Lower	Upper	
154	100		
153	106.2	90.0	135.0
152	50.2	43.7	65.5

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



#52

3-Nitroaniline

Concen: 27.16 ng

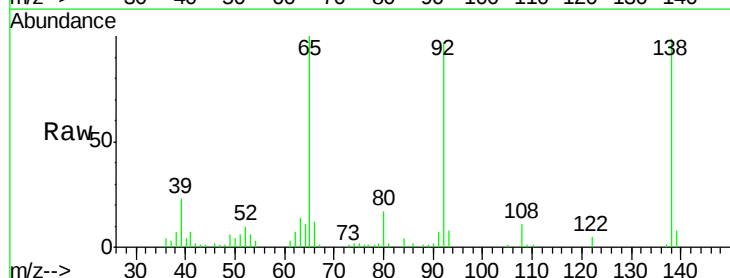
RT: 10.38 min Scan# 804

Delta R.T. 0.00 min

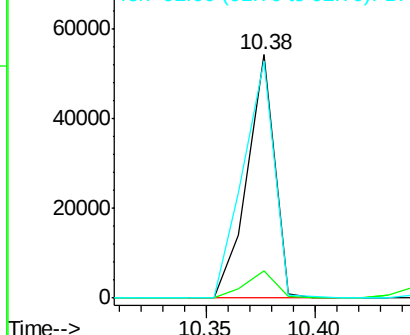
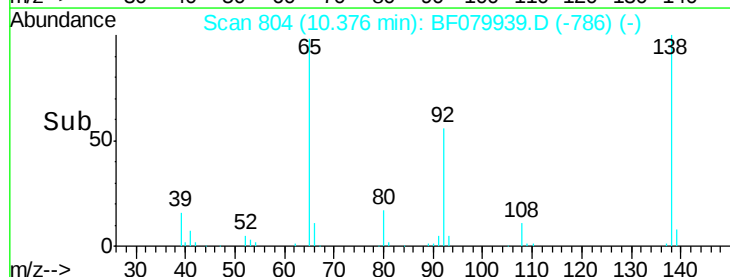
Lab File: BF079939.D

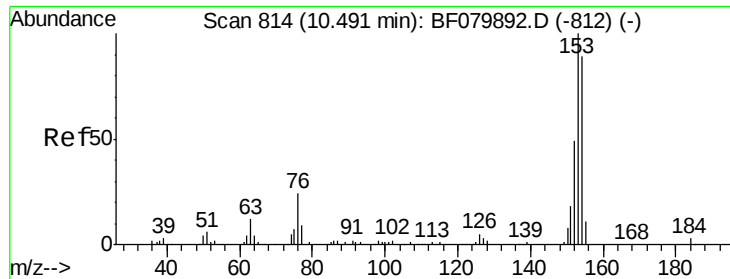
Acq: 12 Jun 2015 17:08

Tgt Ion:	138	Resp:	47542
Ion Ratio	Lower	Upper	
138	100		
108	11.3	9.0	13.6
92	97.5	103.1	154.7#



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





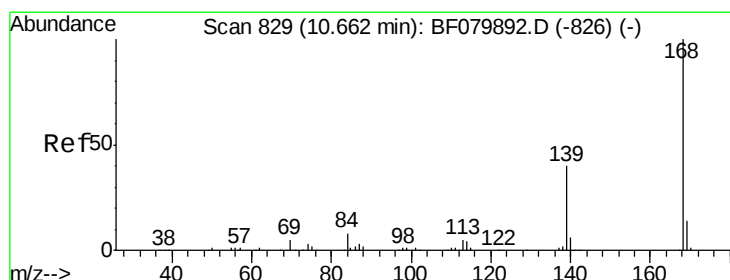
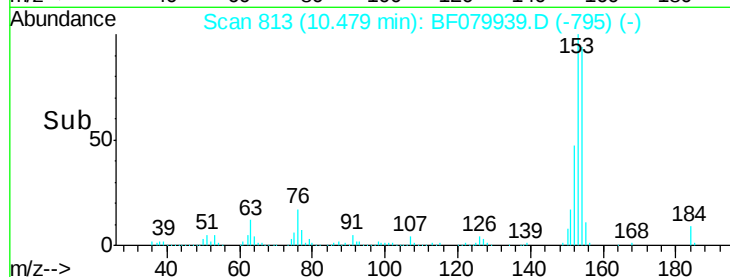
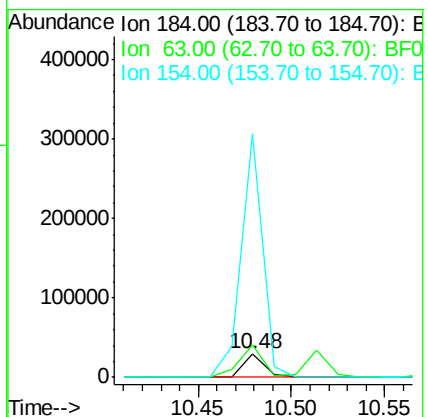
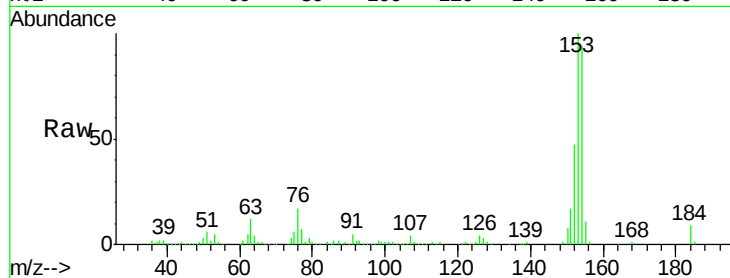
#53
2,4-Dinitrophenol
Concen: 78.36 ng
RT: 10.48 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB83955BS

Tgt Ion:184 Resp: 24242
Ion Ratio Lower Upper
184 100
63 134.6 357.0 535.4#
154 1018.5 2660.2 3990

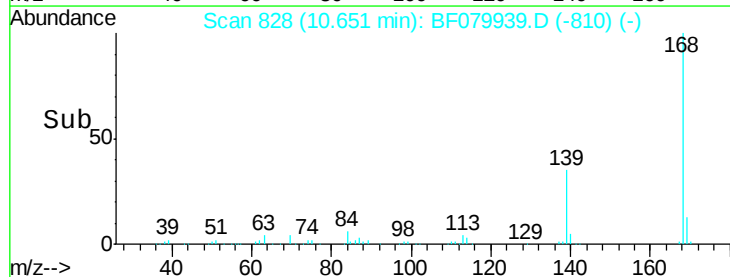
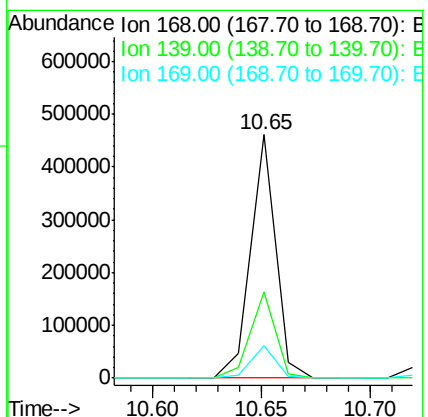
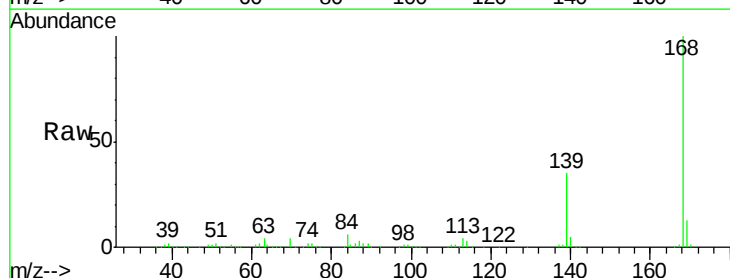
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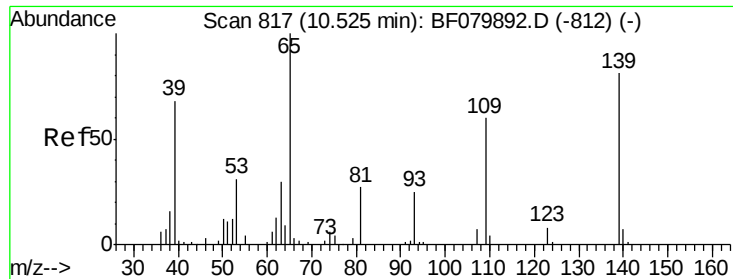
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#54
Dibenzofuran
Concen: 36.85 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Tgt Ion:168 Resp: 368024
Ion Ratio Lower Upper
168 100
139 35.4 32.2 48.2
169 13.3 11.0 16.6





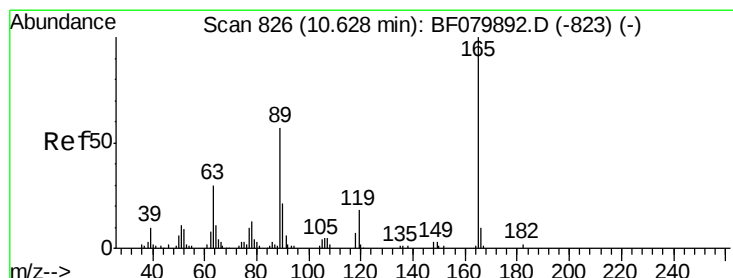
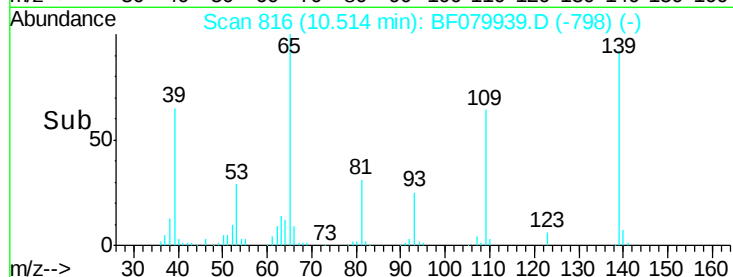
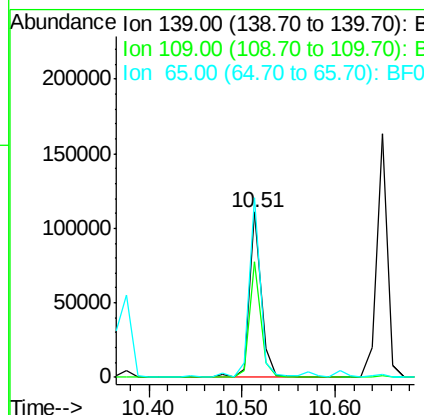
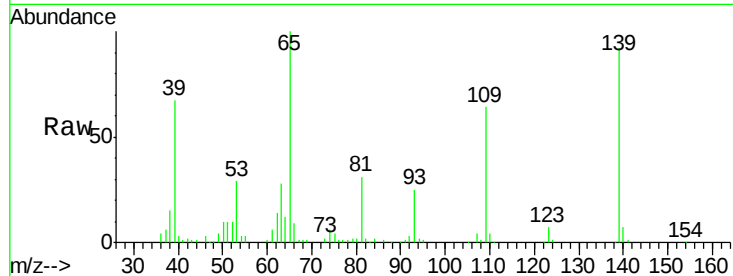
#55
4-Nitrophenol
Concen: 73.50 ng
RT: 10.51 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB83955BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	96904		
109	70.1	54.8	94.8	
65	108.7	104.8	144.8	

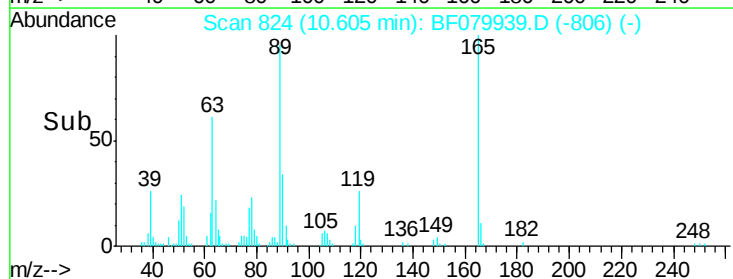
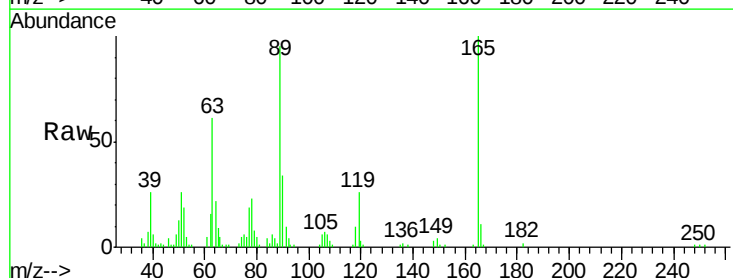
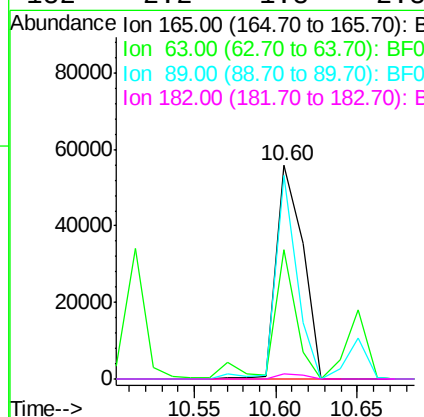
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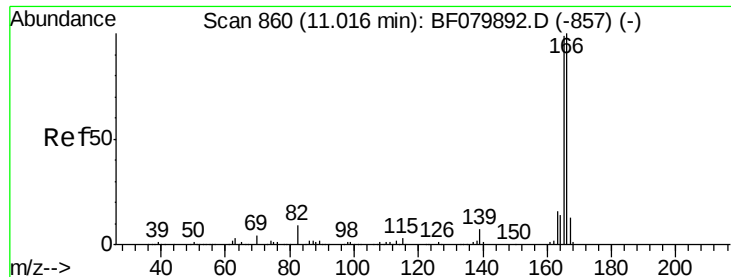
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#56
2,4-Dinitrotoluene
Concen: 33.26 ng
RT: 10.60 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	63430		
63	60.7	24.3	36.5#	
89	95.1	45.4	68.2#	
182	2.2	1.8	2.8	





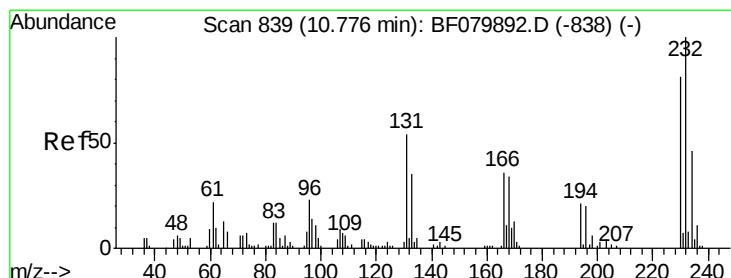
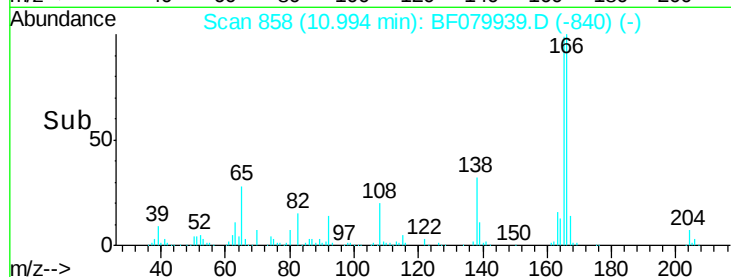
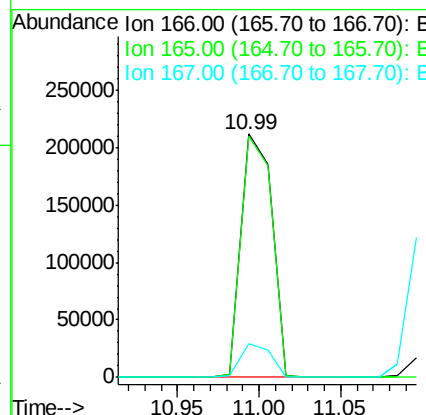
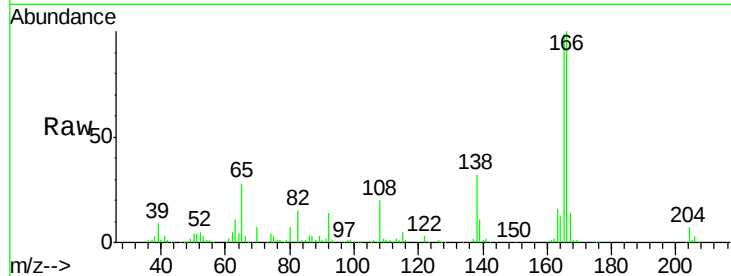
#57
 Fluorene
 Concen: 31.67 ng
 RT: 10.99 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	275729		
165	99.0	79.0	118.6	
167	13.8	10.3	15.5	

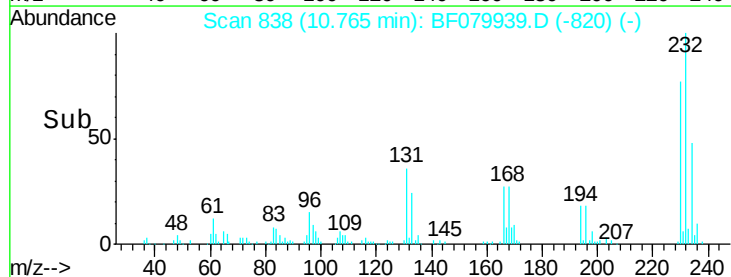
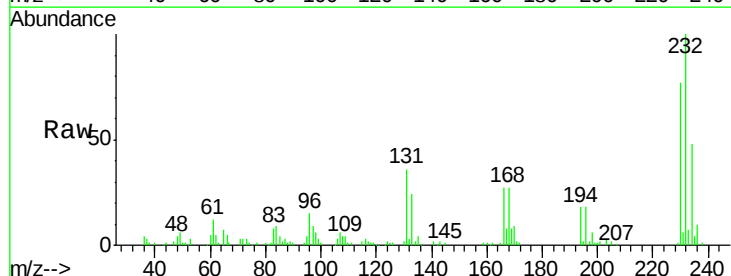
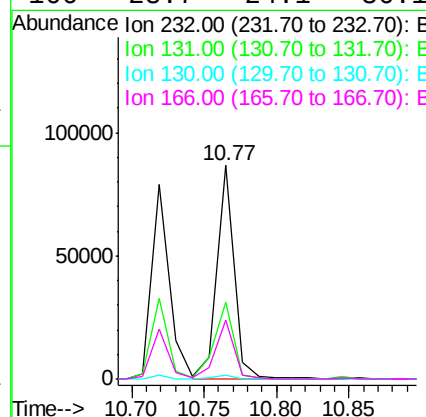
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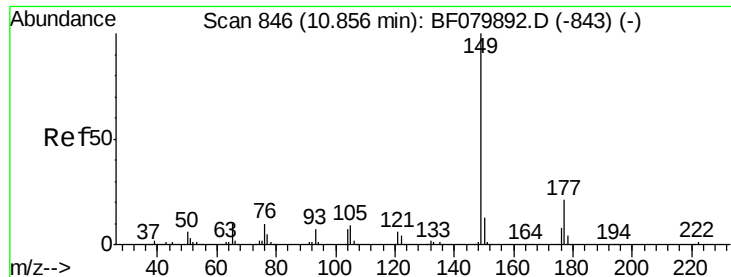
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.43 ng
 RT: 10.77 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	72171		
131	40.0	35.4	53.2	
130	1.9	1.5	2.3	
166	28.7	24.1	36.1	





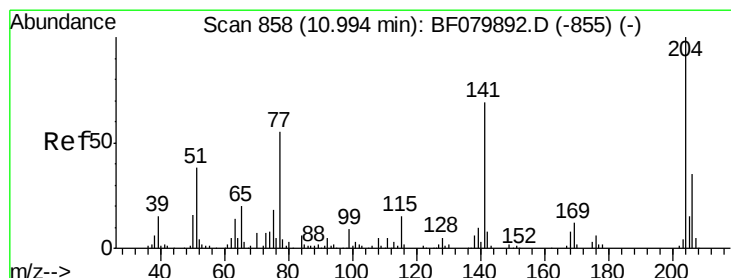
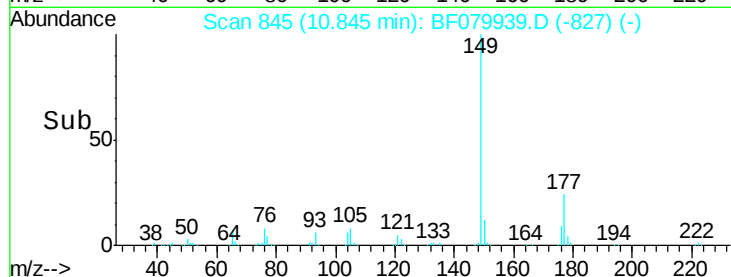
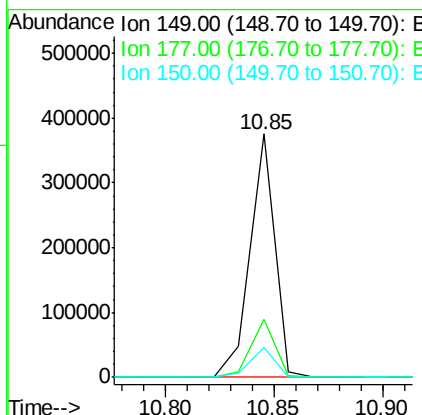
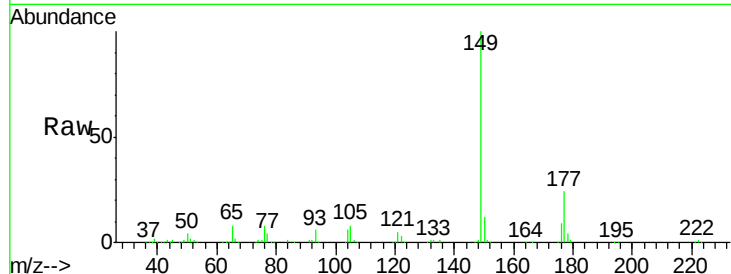
#59
Diethylphthalate
Concen: 35.79 ng
RT: 10.85 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB83955BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	296445		
177	23.6	16.9	25.3	
150	12.3	10.4	15.6	

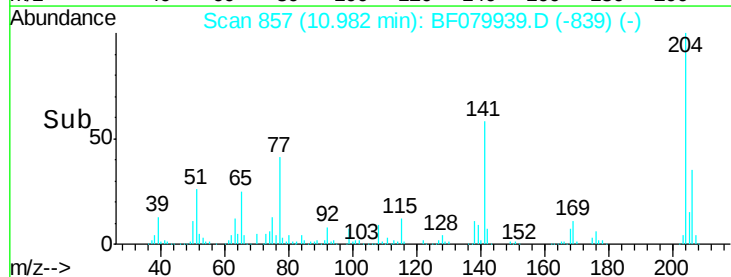
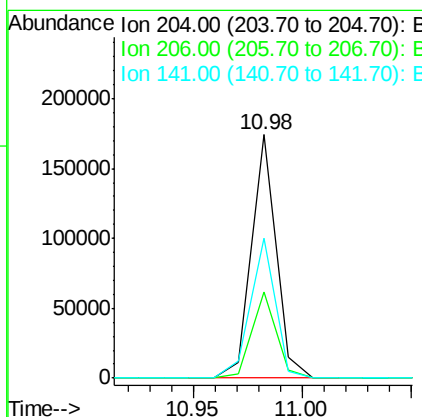
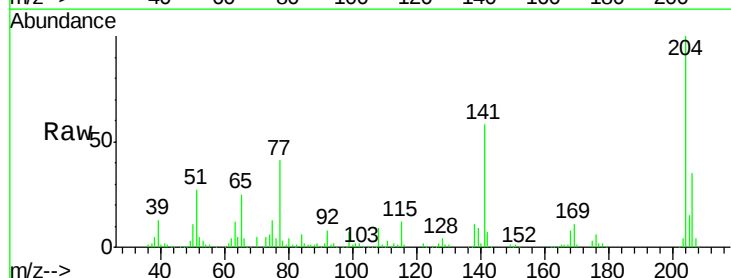
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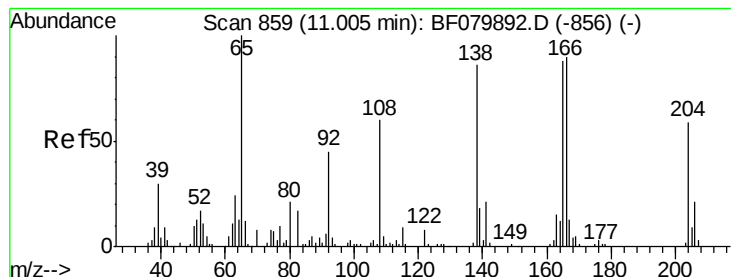
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#60
4-Chlorophenyl-phenylether
Concen: 35.44 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

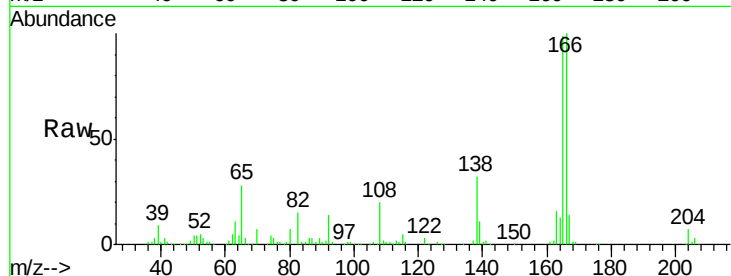
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	137795		
206	35.2	28.0	42.0	
141	57.5	55.3	82.9	





#61
4-Nitroaniline
Concen: 32.95 ng
RT: 10.99 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

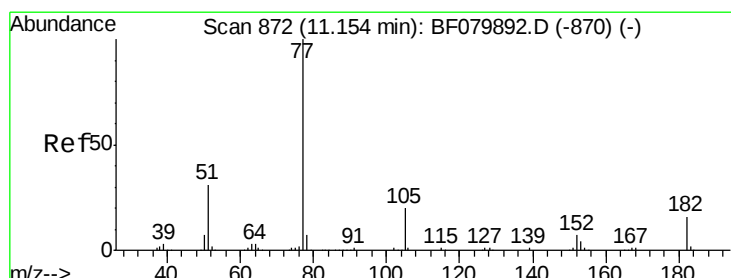
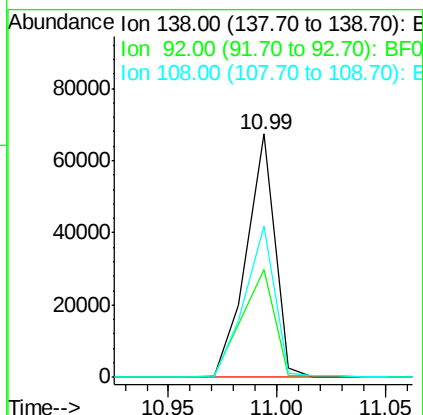
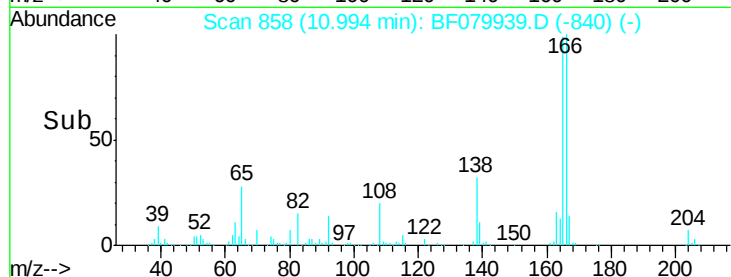
Instrument :
BNA_F
ClientSampleId :
PB83955BS



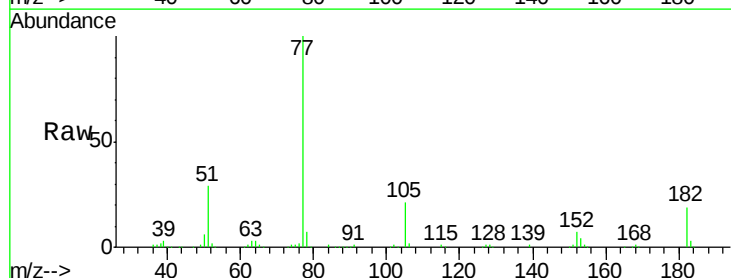
Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.4	32.9	72.9
108	62.0	50.4	90.4

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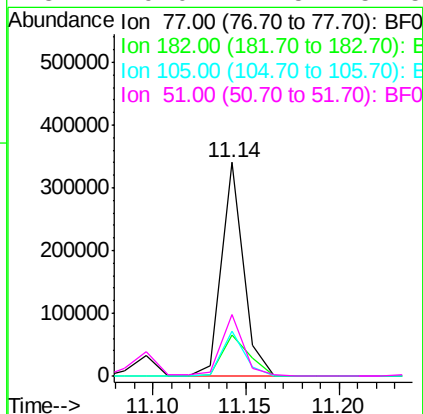
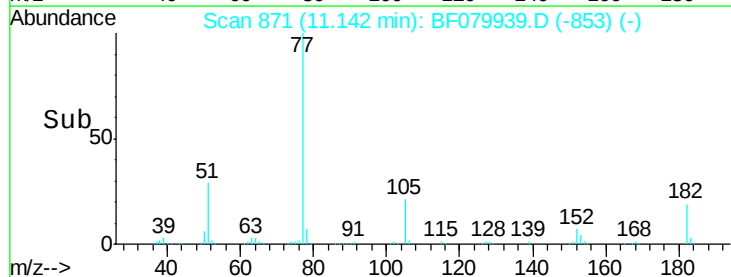
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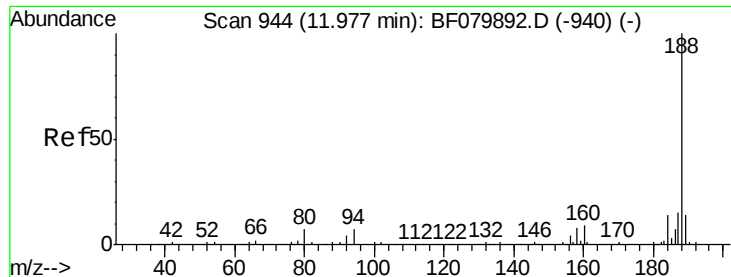


#62
Azobenzene
Concen: 35.00 ng
RT: 11.14 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08



Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.5	0.0	35.9
105	21.3	0.1	40.1
51	29.0	11.5	51.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.98 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

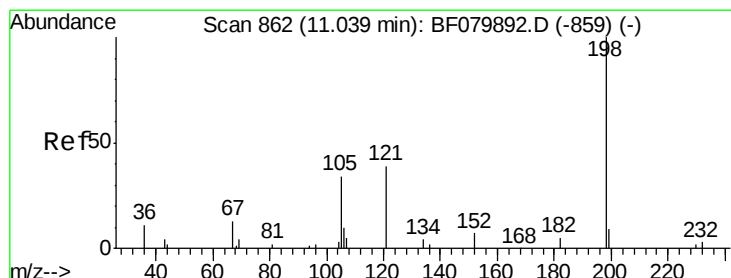
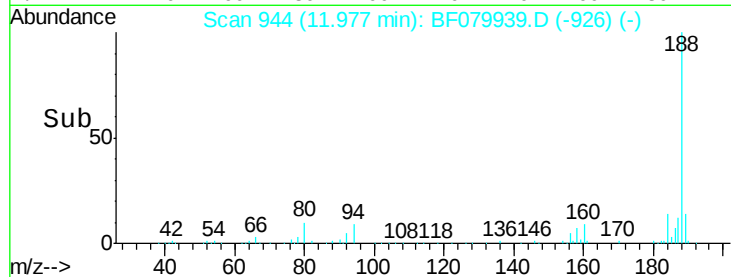
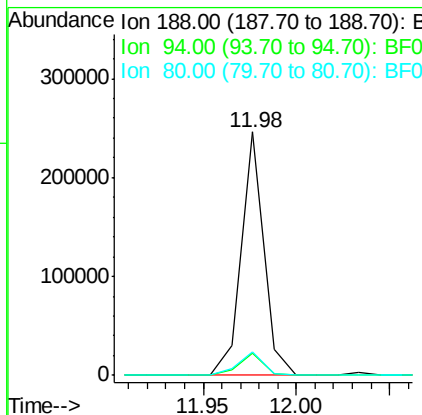
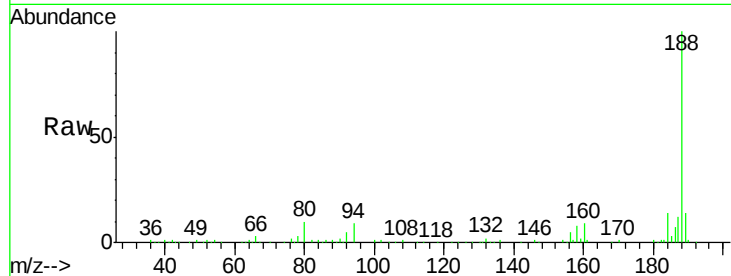
ClientSampleId :

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Tgt	Ion	Ratio	Resp	Lower	Upper
188	100		208726		
94	8.9	5.8	8.8#		
80	9.8	5.9	8.9#		

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#64

4,6-Dinitro-2-methylphenol

Concen: 42.47 ng

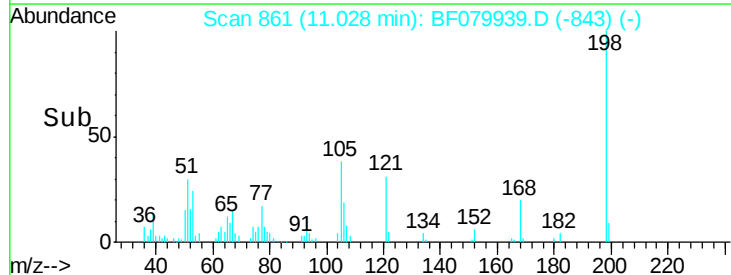
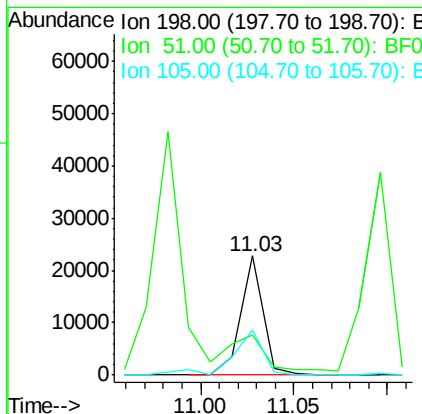
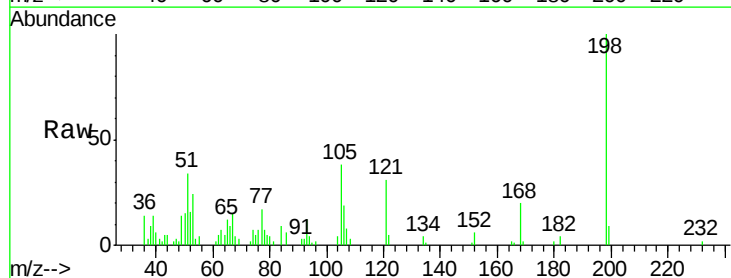
RT: 11.03 min Scan# 861

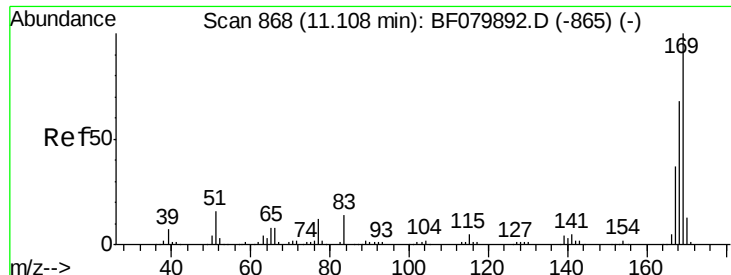
Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Tgt	Ion	Ratio	Resp	Lower	Upper
198	100		19288		
51	34.1	22.1	62.1		
105	38.0	22.7	62.7		





#65

n-Nitrosodiphenylamine

Concen: 38.83 ng

RT: 11.10 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

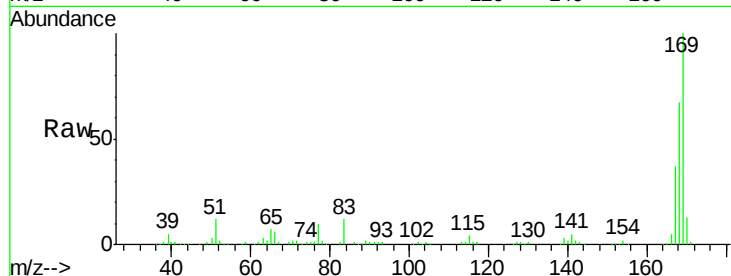
ClientSampleId :

PB83955BS

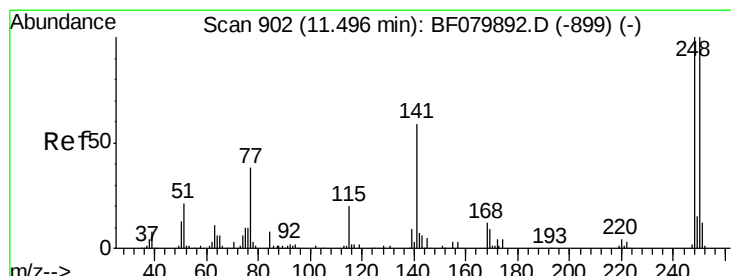
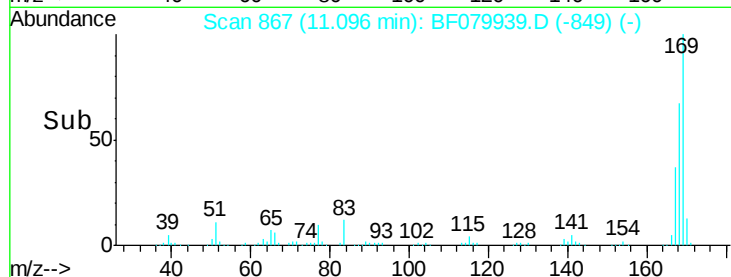
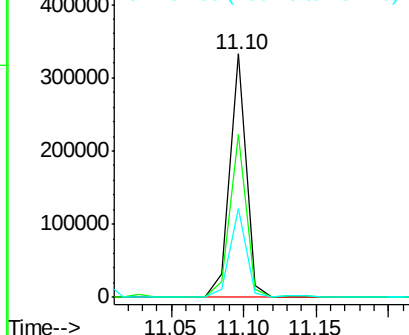
Tgt Ion:	169	Resp:	261597
Ion Ratio	Lower	Upper	
169	100		
168	66.9	54.2	81.4
167	36.7	29.7	44.5

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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: 36.86 ng

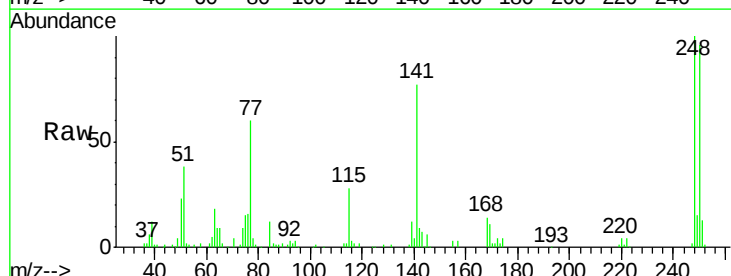
RT: 11.49 min Scan# 901

Delta R.T. 0.00 min

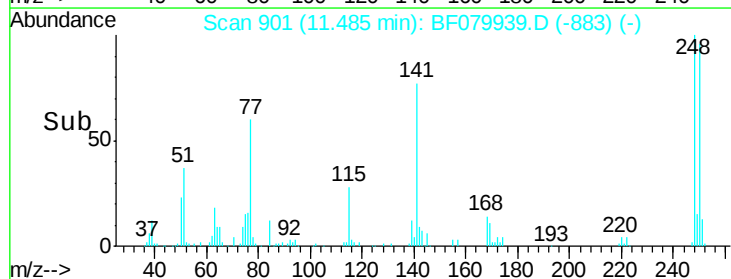
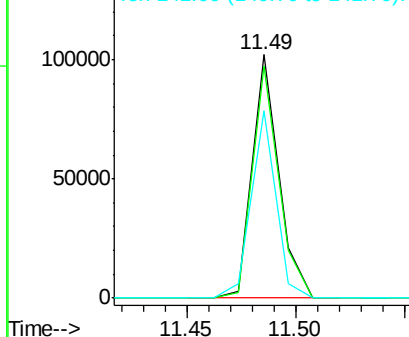
Lab File: BF079939.D

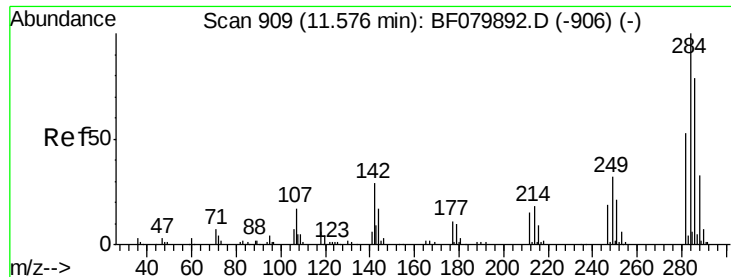
Acq: 12 Jun 2015 17:08

Tgt Ion:	248	Resp:	86220
Ion Ratio	Lower	Upper	
248	100		
250	95.5	80.2	120.2
141	77.2	46.9	70.3#



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: 34.80 ng

RT: 11.57 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF079939.D

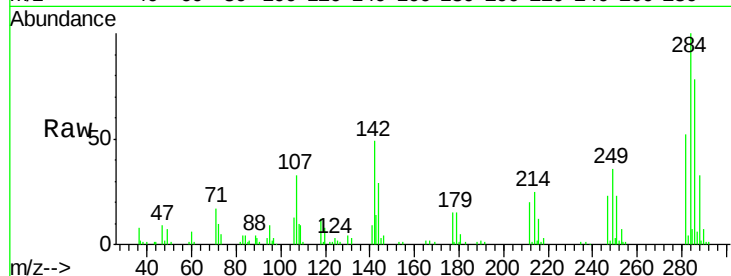
Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

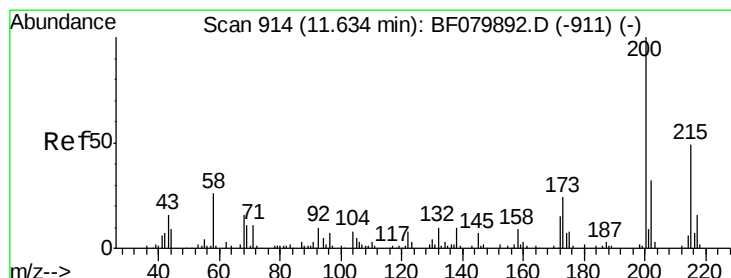
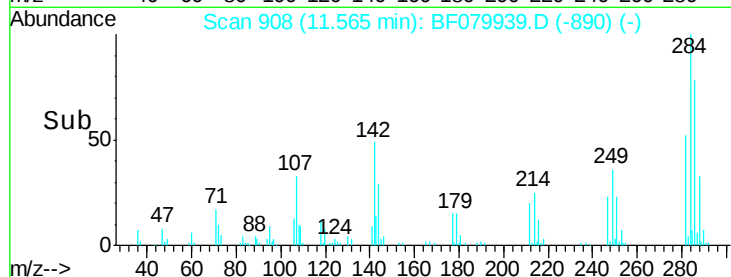
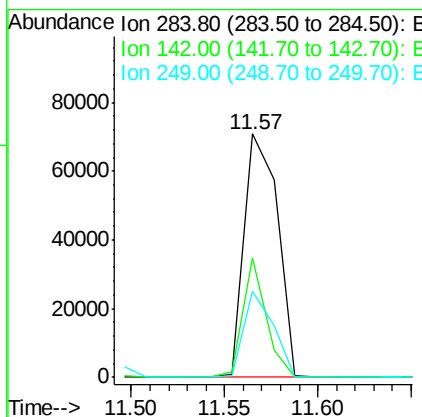
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Tgt Ion:	284	Resp:	88786
Ion Ratio	Lower	Upper	
284	100		
142	48.8	23.5	35.3#
249	35.6	25.3	37.9

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#68

Atrazine

Concen: 37.81 ng

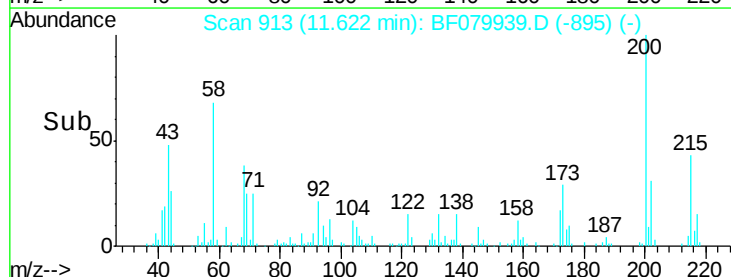
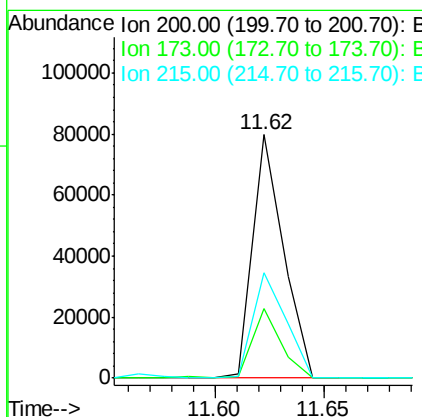
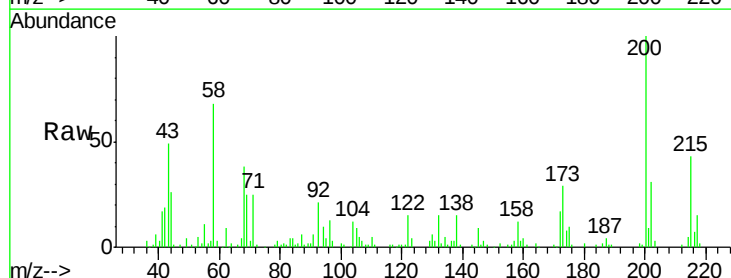
RT: 11.62 min Scan# 913

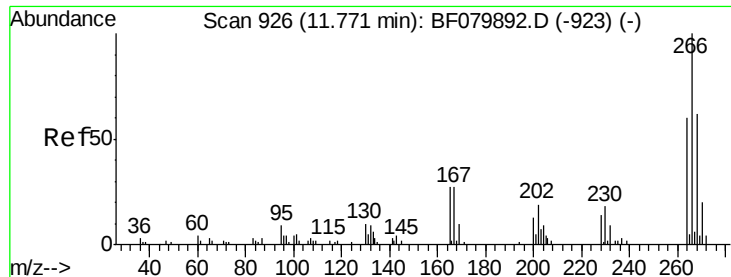
Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Tgt Ion:	200	Resp:	78420
Ion Ratio	Lower	Upper	
200	100		
173	28.5	4.1	44.1
215	43.5	29.2	69.2





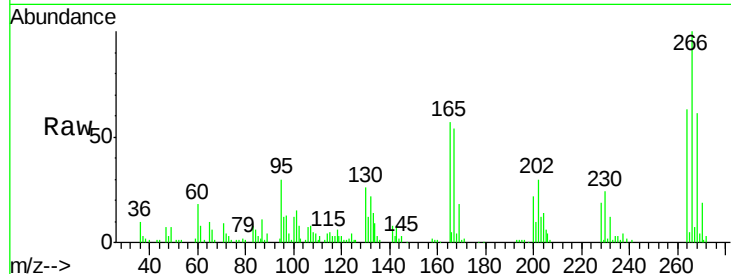
#69
 Pentachlorophenol
 Concen: 72.13 ng
 RT: 11.76 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BS

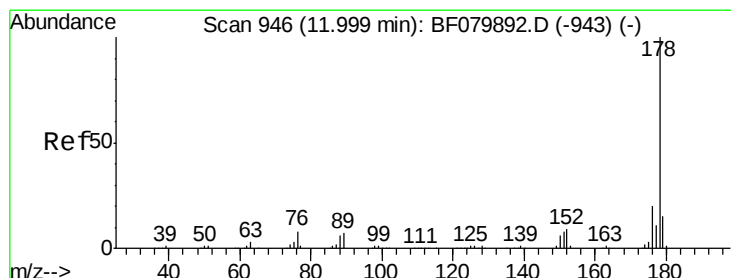
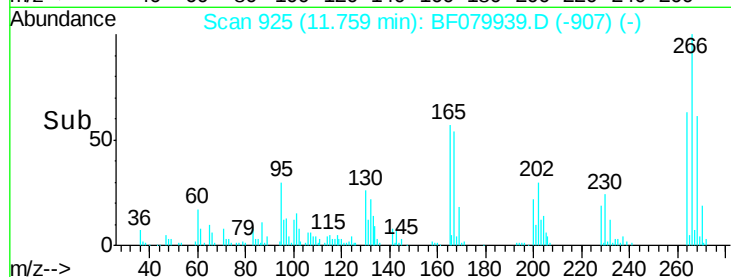
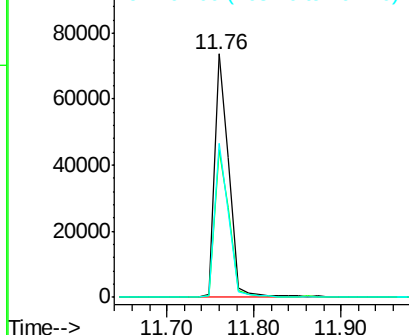
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	85276		
268	60.7	49.4	74.2	
264	63.3	47.7	71.5	

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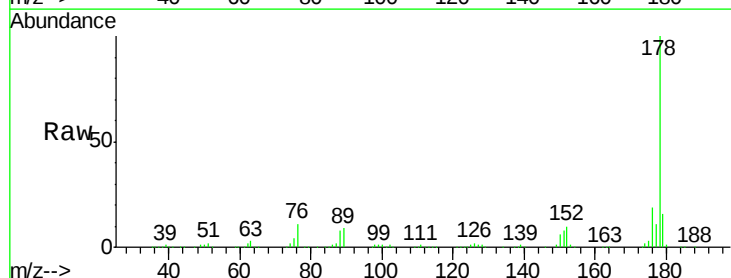


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

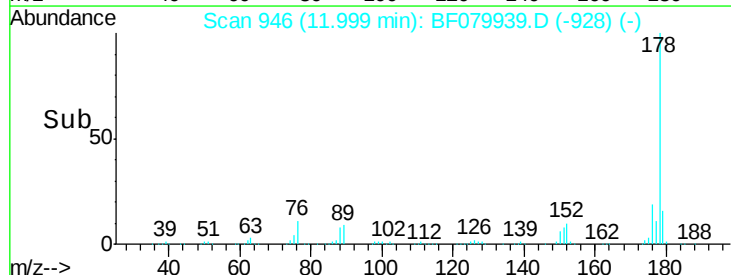
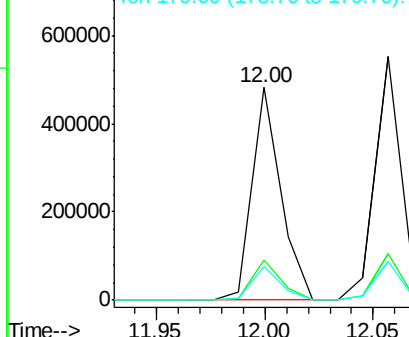


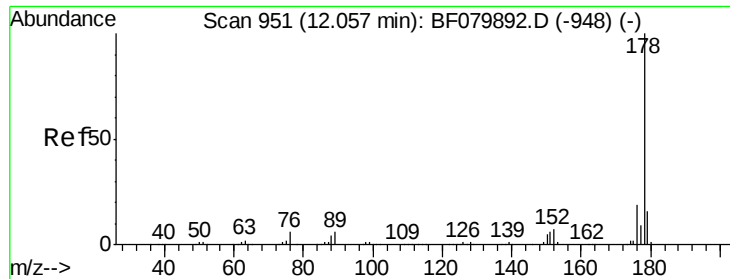
#70
 Phenanthrene
 Concen: 35.61 ng
 RT: 12.00 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	443015		
176	18.8	15.9	23.9	
179	15.7	12.3	18.5	



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





#71

Anthracene

Concen: 38.75 ng

RT: 12.06 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

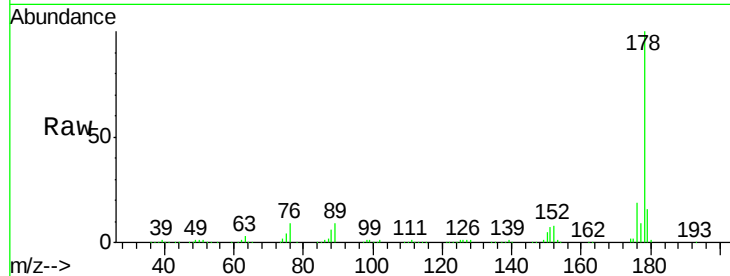
ClientSampleId :

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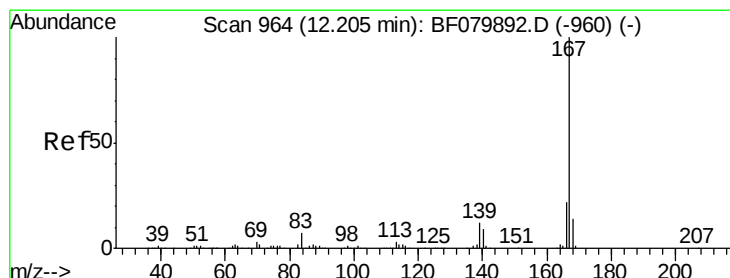
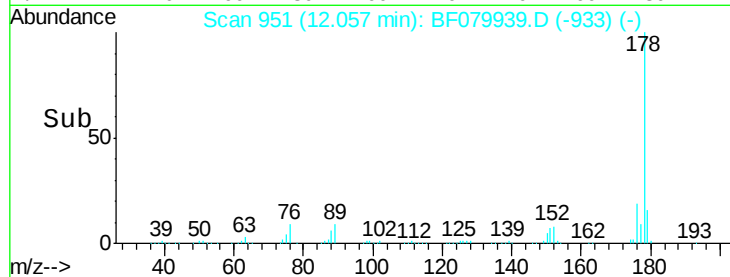
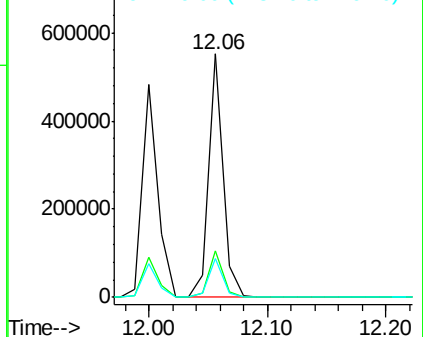
Tgt	Ion:178	Resp:	466424
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.9	12.5	18.7

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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



#72

Carbazole

Concen: 35.36 ng

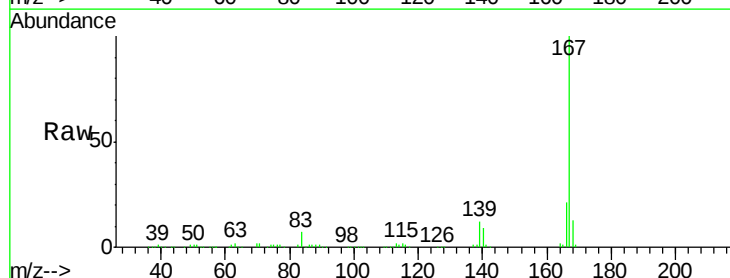
RT: 12.22 min Scan# 965

Delta R.T. 0.00 min

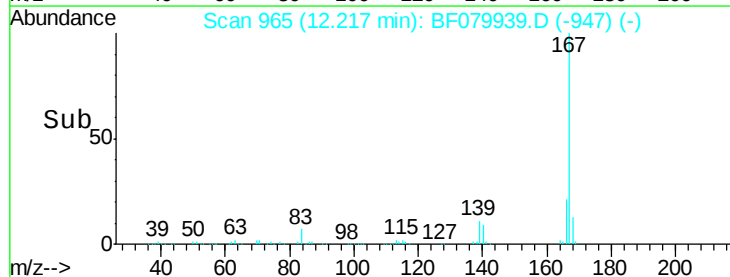
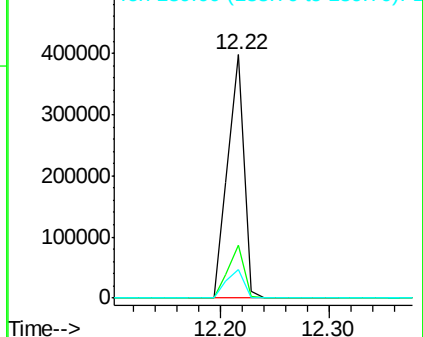
Lab File: BF079939.D

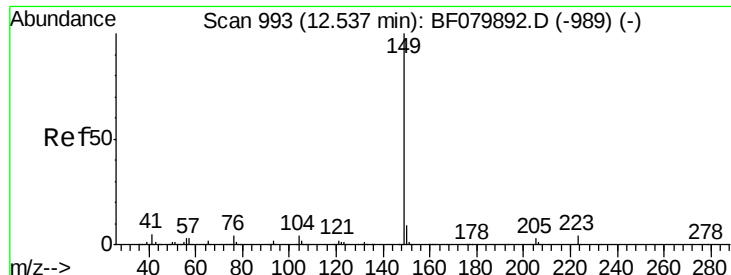
Acq: 12 Jun 2015 17:08

Tgt	Ion:167	Resp:	412772
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.2
139	11.7	9.5	14.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.98 ng

RT: 12.56 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

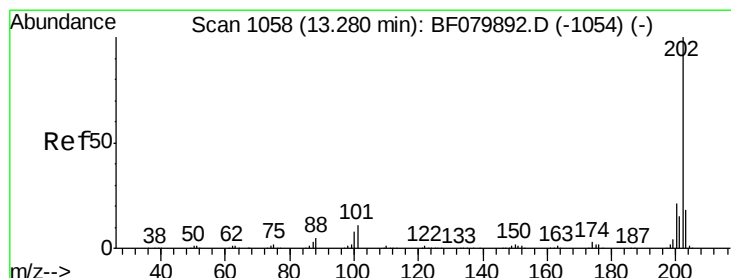
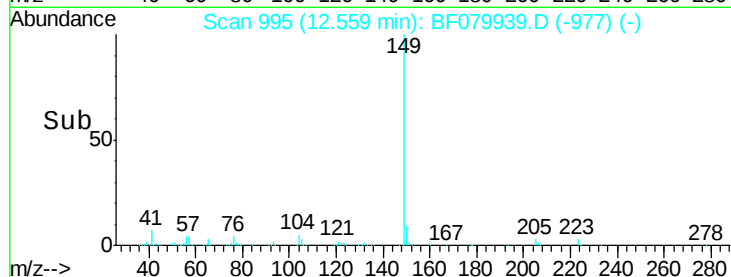
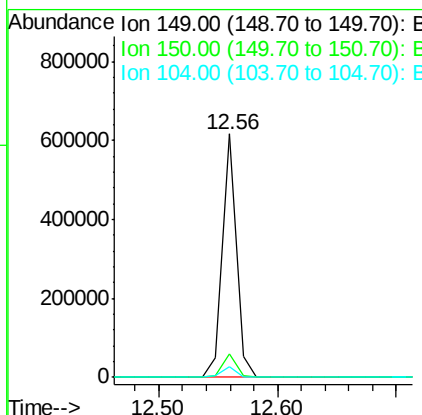
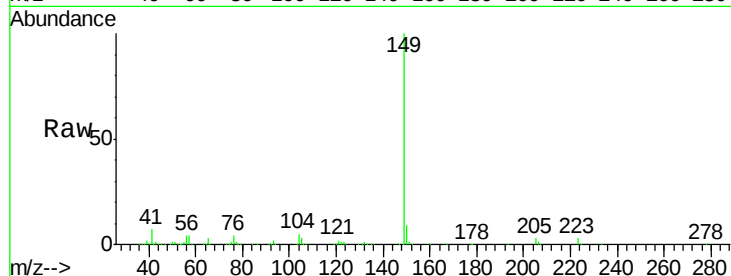
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Tgt	Ion	Resp	Lower	Upper
149	100			
150	9.4	7.2	10.8	
104	4.6	3.3	4.9	



#74

Fluoranthene

Concen: 35.51 ng

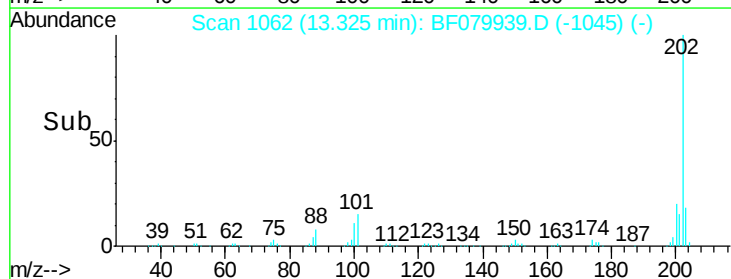
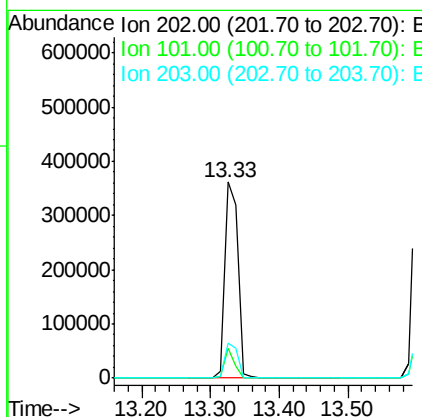
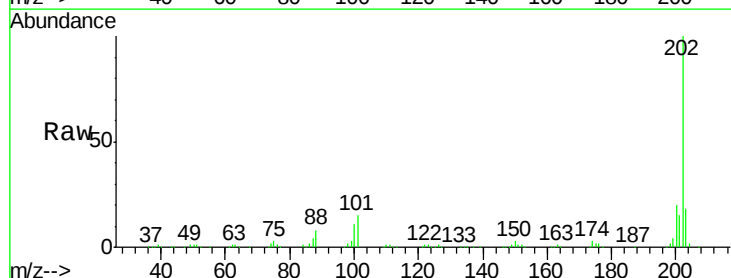
RT: 13.33 min Scan# 1062

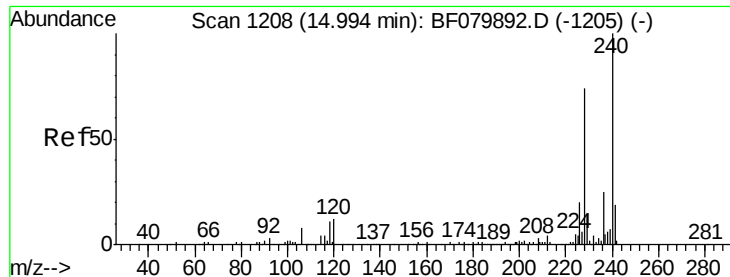
Delta R.T. -0.01 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Tgt	Ion	Resp	Lower	Upper
202	100			
101	15.2	0.0	30.7	
203	17.8	0.0	38.0	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.13 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

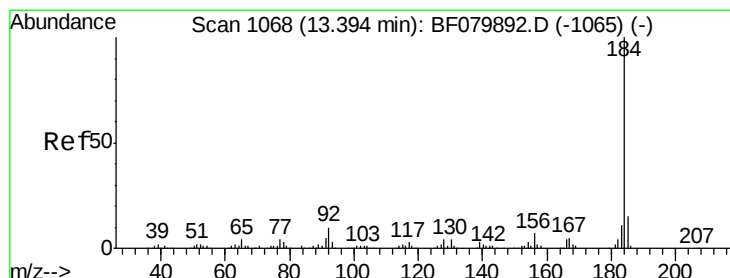
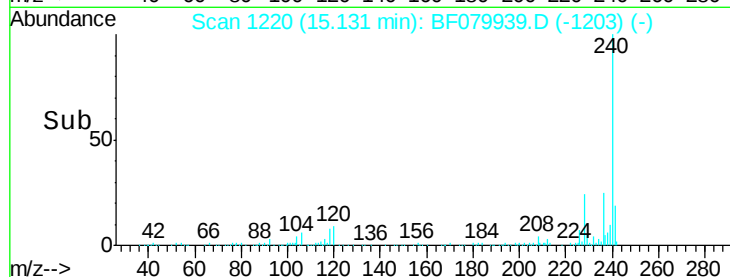
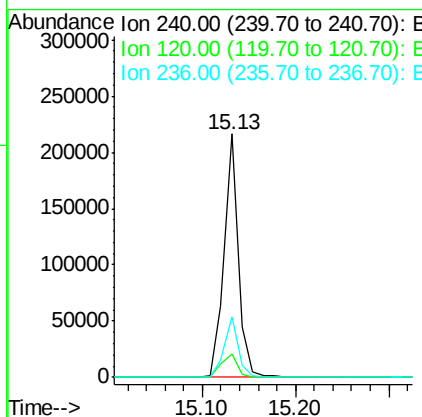
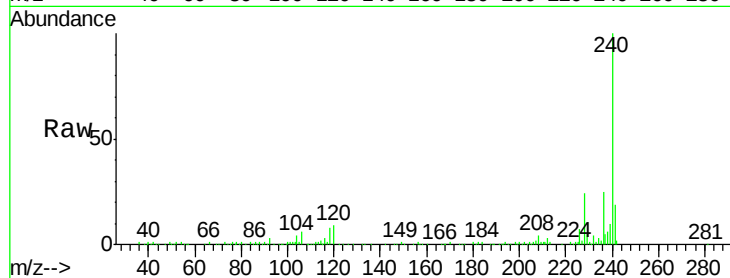
ClientSampleId :

PB83955BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	230092		
120	9.4	9.4	14.2#	
236	24.9	19.6	29.4	

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#76

Benzidine

Concen: 45.83 ng

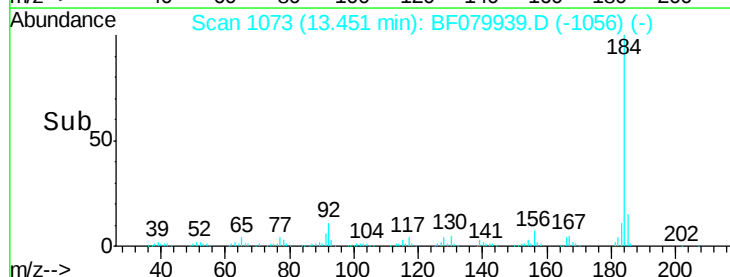
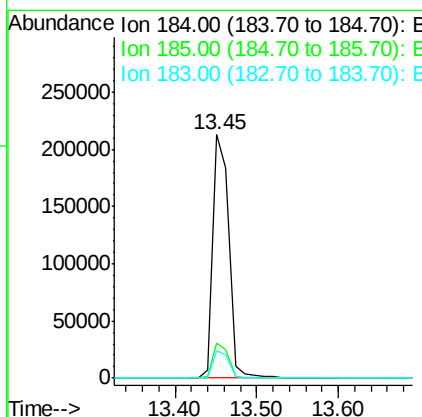
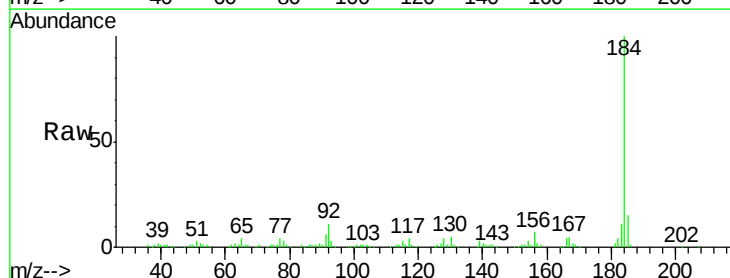
RT: 13.45 min Scan# 1073

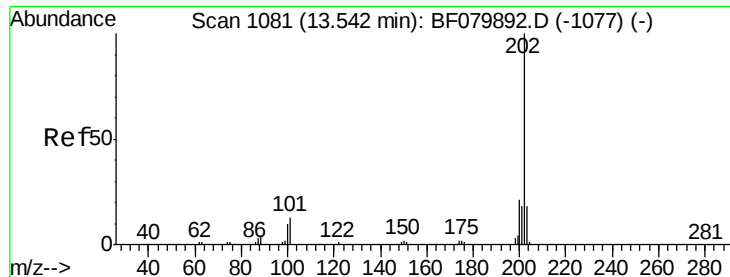
Delta R.T. -0.01 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	292010		
185	14.6	11.8	17.6	
183	11.1	9.0	13.6	





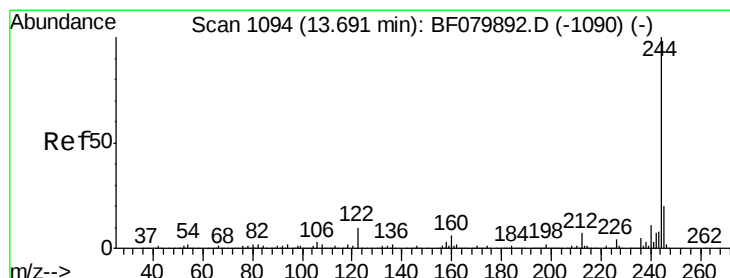
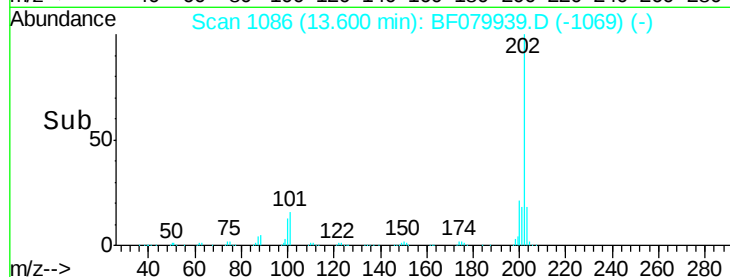
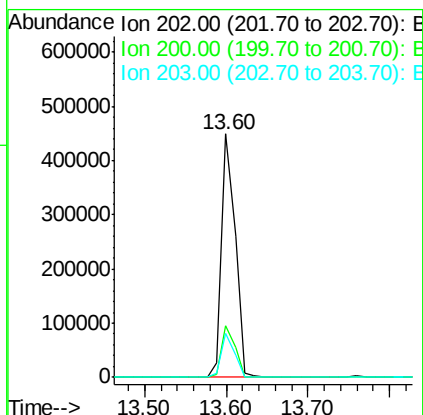
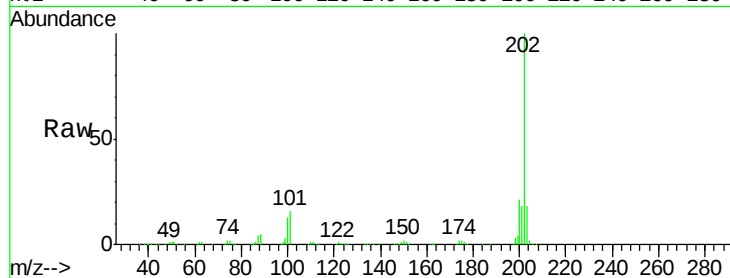
#77
 Pyrene
 Concen: 35.90 ng
 RT: 13.60 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	518836		
200	21.4	16.8	25.2	
203	18.0	14.4	21.6	

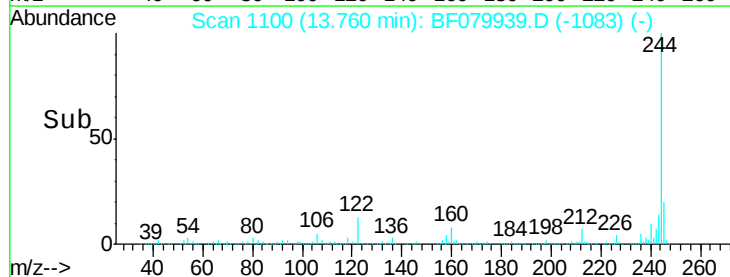
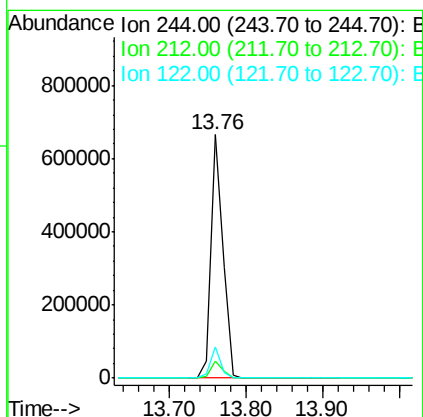
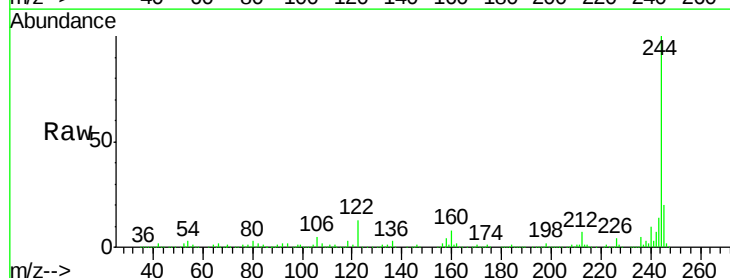
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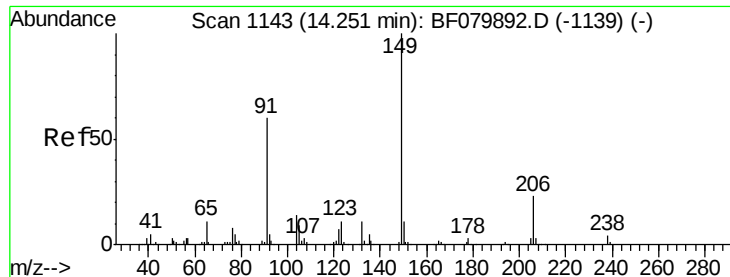
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#78
 Terphenyl-d14
 Concen: 70.93 ng
 RT: 13.76 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	707892		
212	7.2	5.4	8.2	
122	12.9	7.8	11.8	





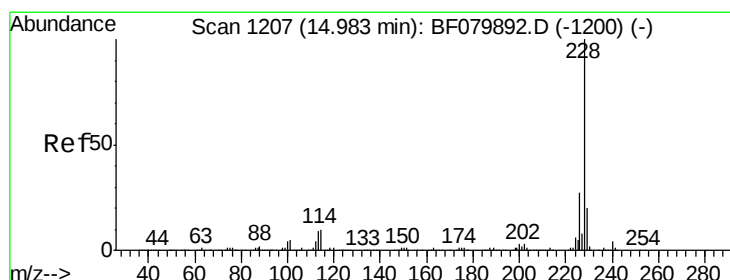
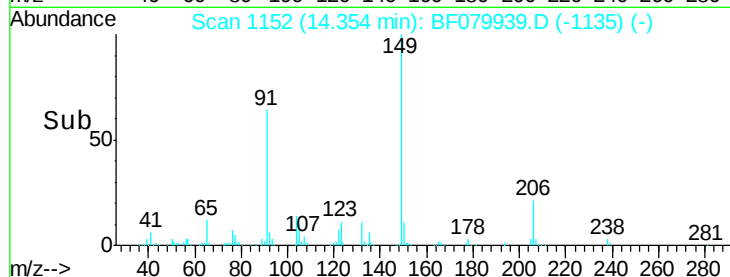
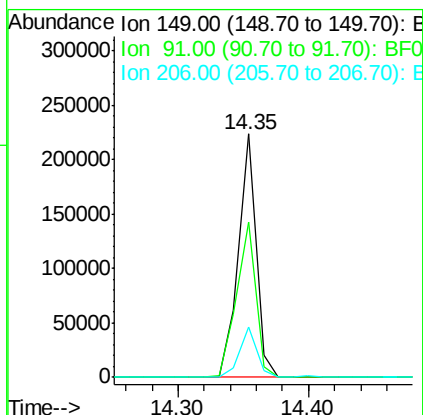
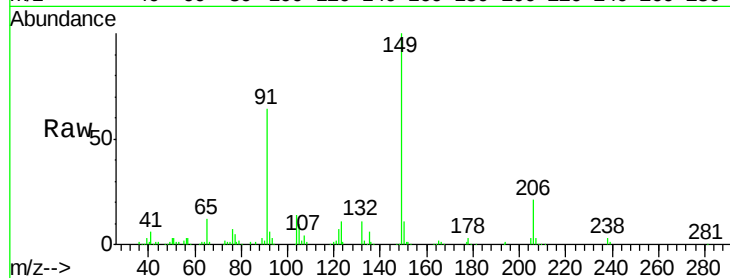
#79
Butylbenzylphthalate
Concen: 43.33 ng
RT: 14.35 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB83955BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	211451		
91	63.7	48.1	72.1	
206	20.7	18.6	27.8	

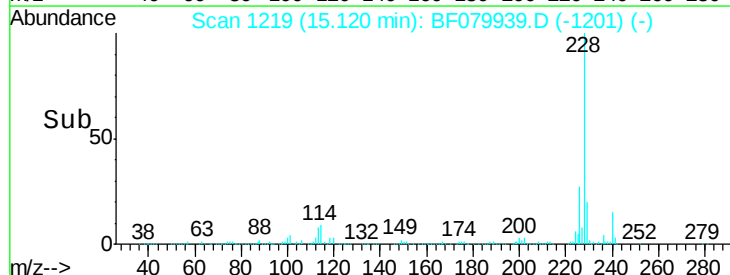
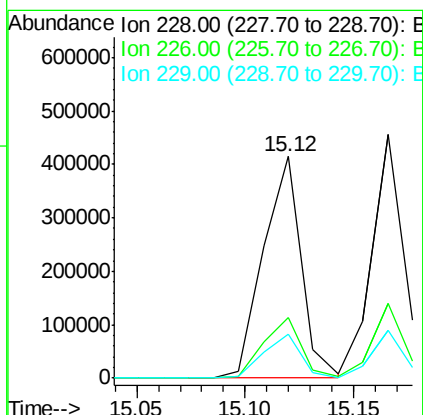
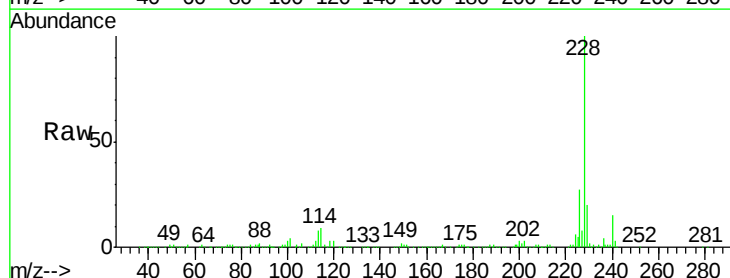
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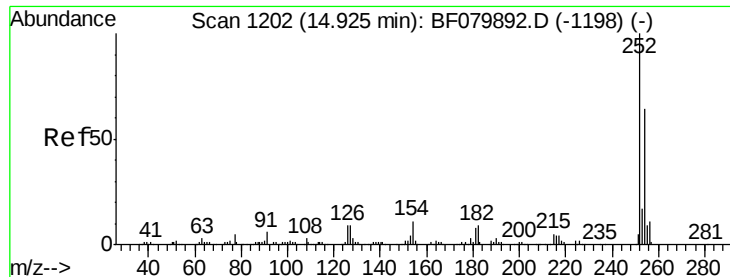
apatel
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#80
Benzo(a)anthracene
Concen: 34.56 ng
RT: 15.12 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	505020		
226	27.4	21.8	32.8	
229	19.7	15.9	23.9	





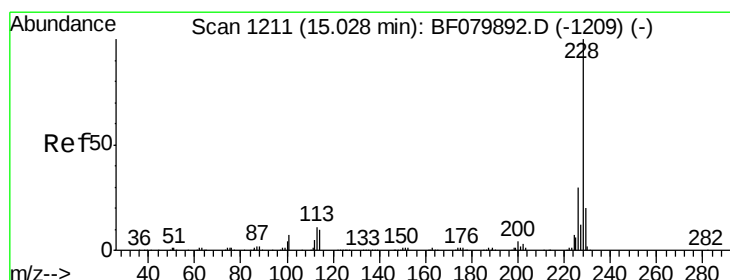
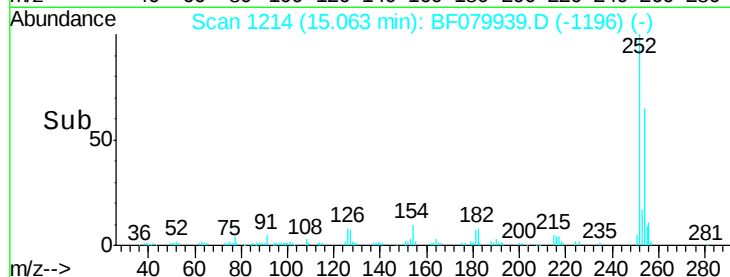
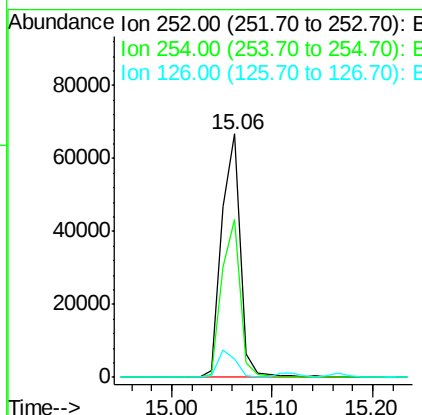
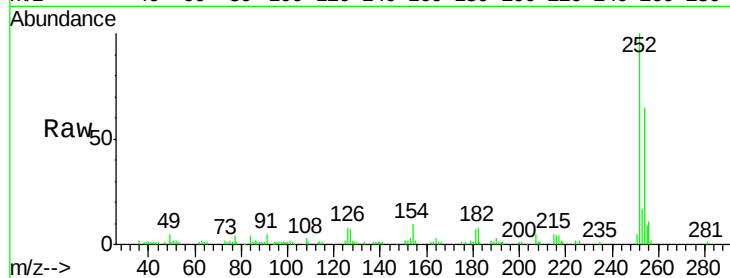
#81
 3,3'-Dichlorobenzidine
 Concen: 18.33 ng
 RT: 15.06 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.1	76.7
126	7.5	7.3	10.9

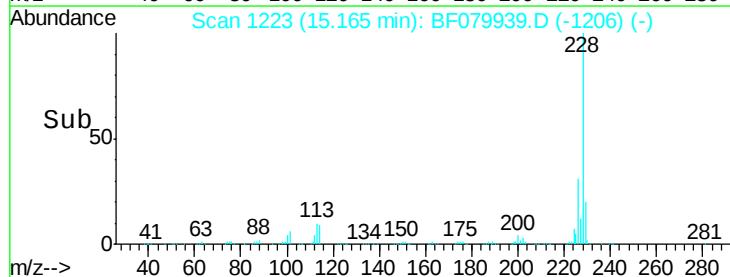
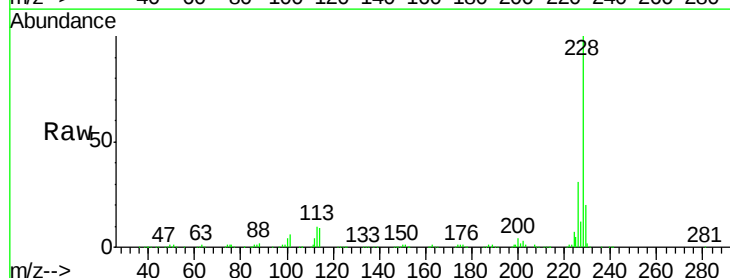
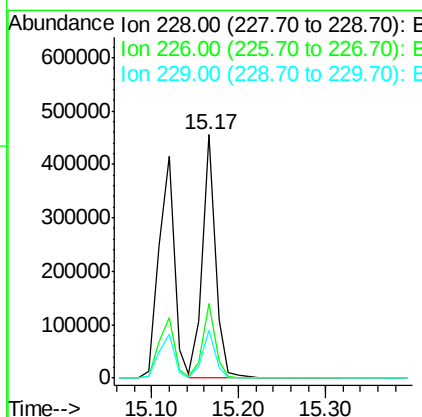
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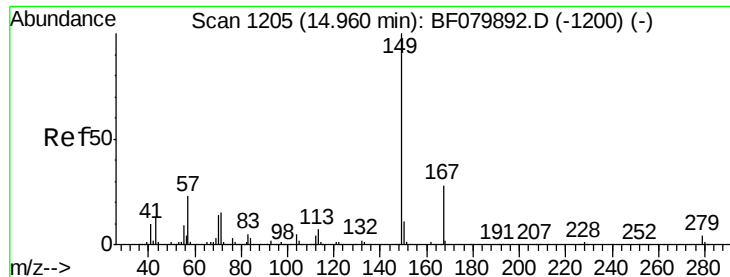
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#82
 Chrysene
 Concen: 36.43 ng
 RT: 15.17 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	19.8	16.1	24.1





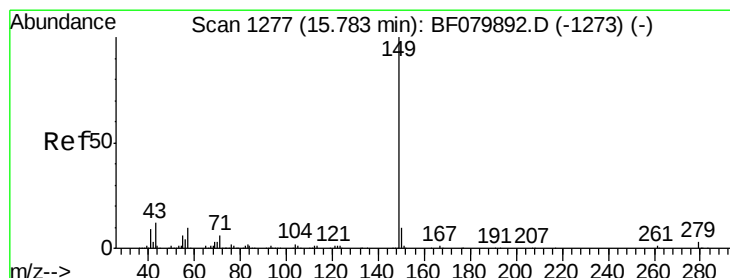
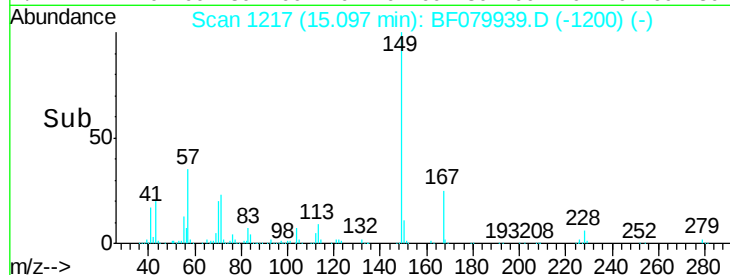
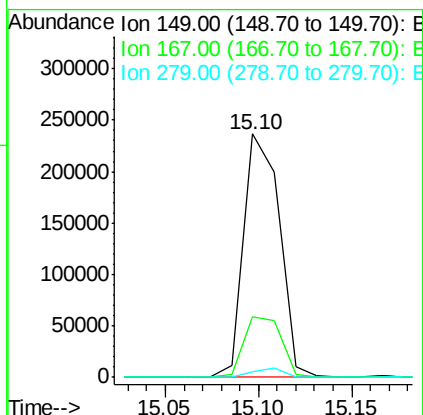
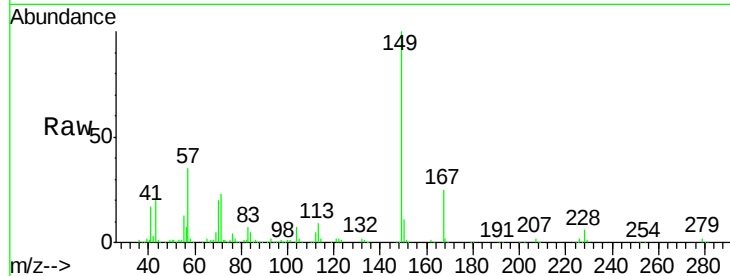
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.30 ng
 RT: 15.10 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	314764		
167	24.7	22.2	33.4	
279	2.3	3.1	4.7#	

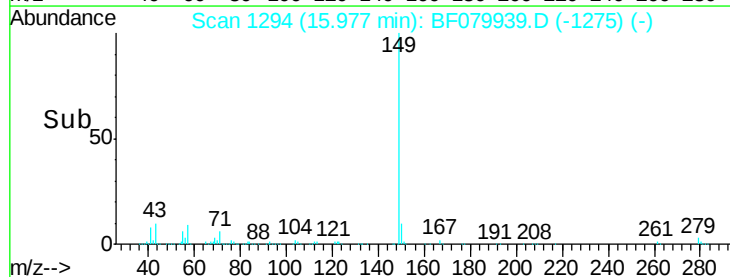
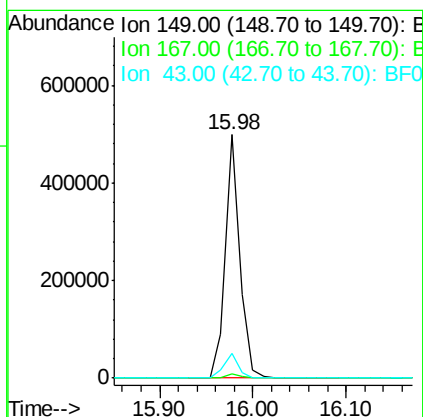
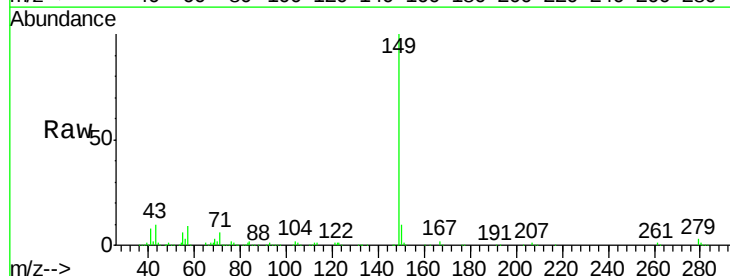
Manual Integrations
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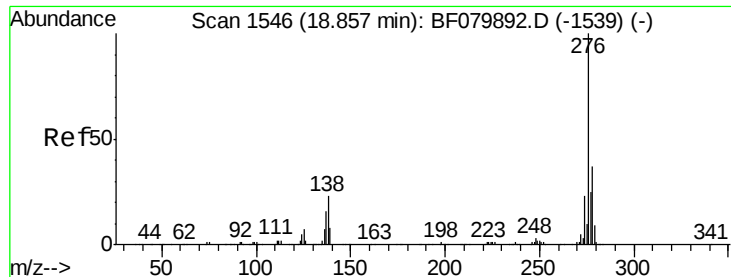
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#84
 Di-n-octyl phthalate
 Concen: 42.30 ng
 RT: 15.98 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: BF079939.D
 Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	538809		
167	1.5	1.1	1.7	
43	10.1	8.8	13.2	





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.06 ng

RT: 19.05 min Scan# 1563

Delta R.T. 0.03 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

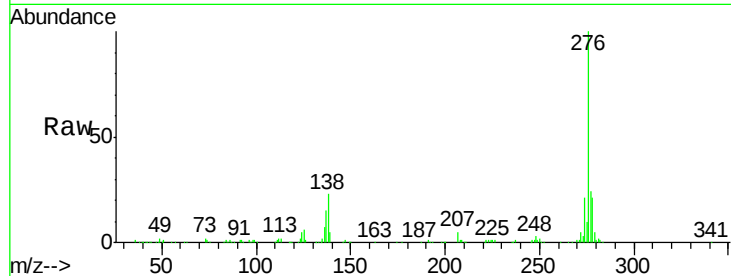
ClientSampleId :

PB83955BS

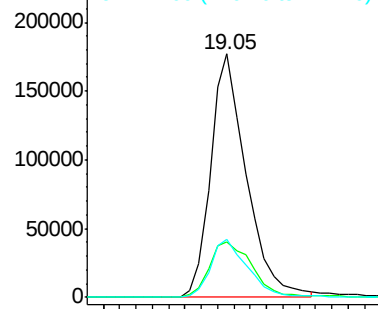
Tgt Ion:	276	Resp:	536395
Ion Ratio		Lower	Upper
276	100		
138	27.2	21.0	31.4
277	24.7	19.9	29.9

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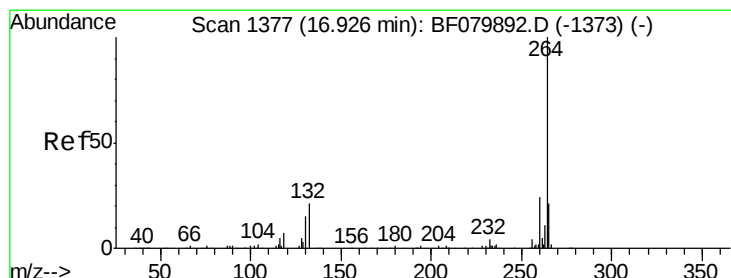
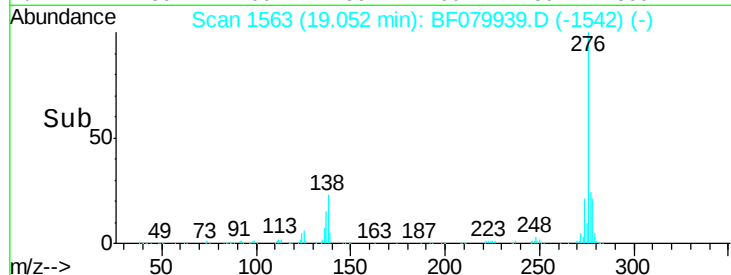
apatel
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time--> 18.90 19.00 19.10 19.20



#86

Perylene-d12

Concen: 20.00 ng

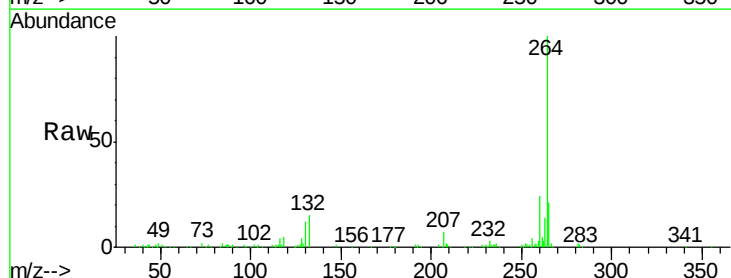
RT: 17.13 min Scan# 1395

Delta R.T. 0.03 min

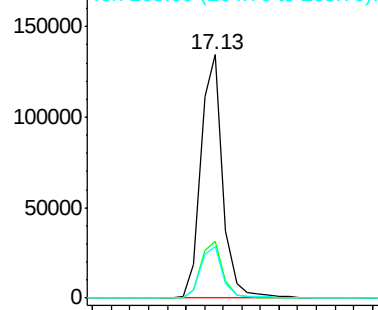
Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

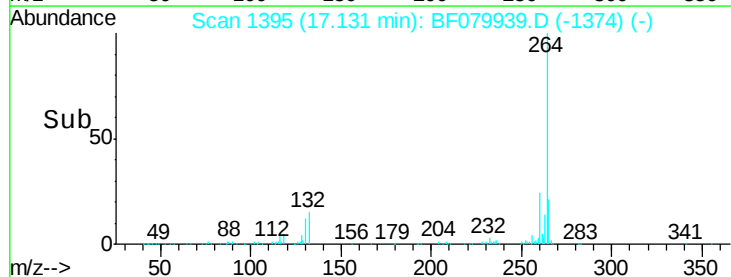
Tgt Ion:	264	Resp:	220021
Ion Ratio		Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.2	17.0	25.6

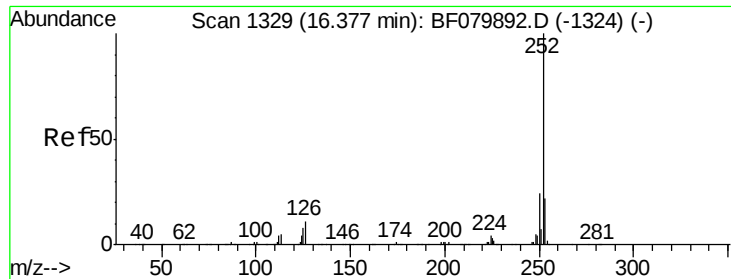


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 17.00 17.10 17.20





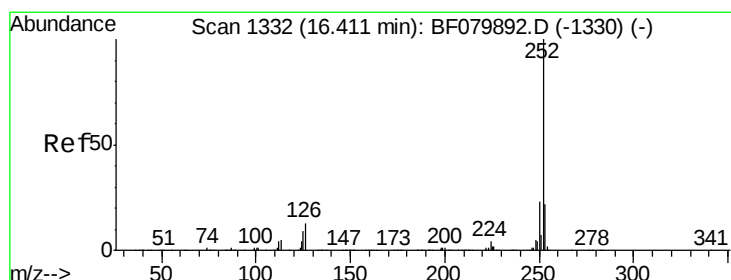
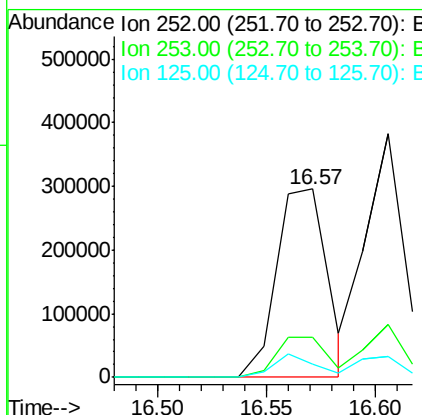
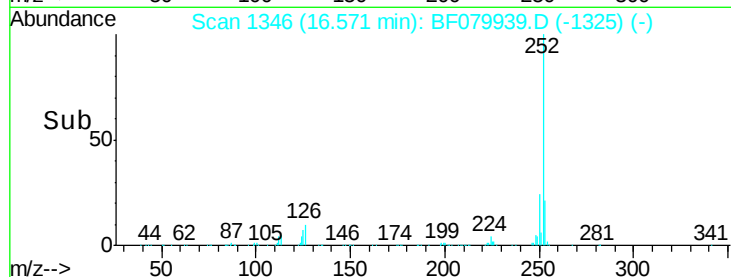
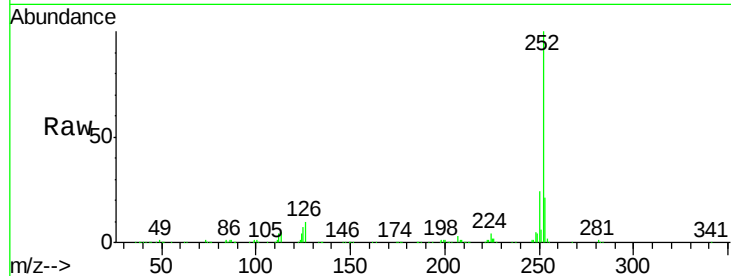
#87
Benzo(b)fluoranthene
Concen: 35.84 ng
RT: 16.57 min Scan# 1346
Delta R.T. 0.03 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB83955BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	7.3	6.5	9.7

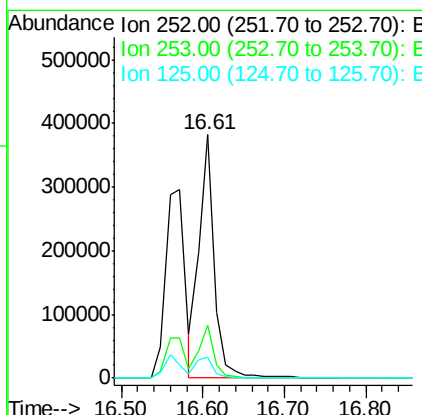
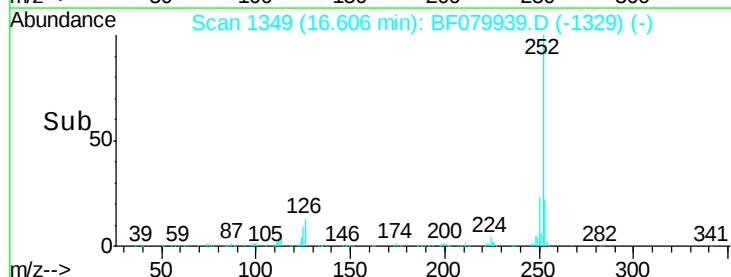
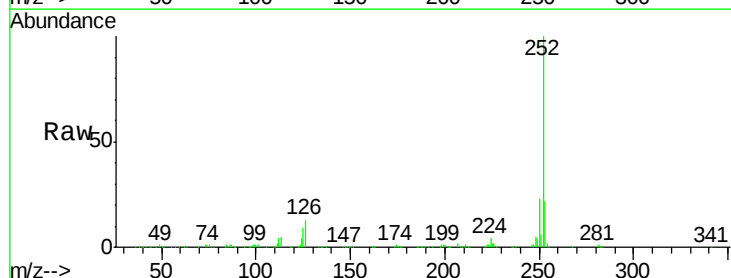
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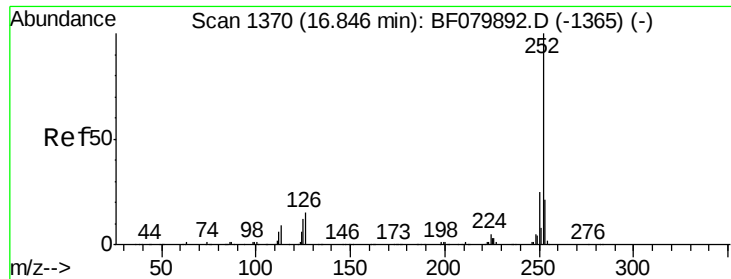
apatel
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#88
Benzo(k)fluoranthene
Concen: 36.47 ng
RT: 16.61 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	8.7	7.4	11.0





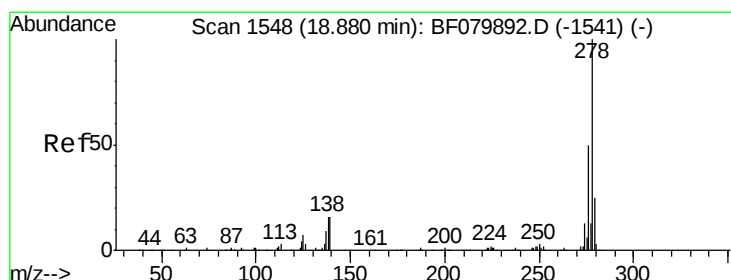
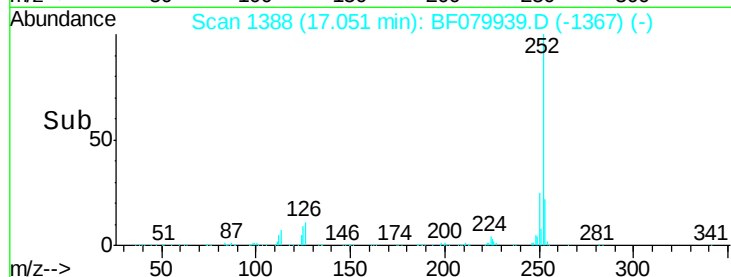
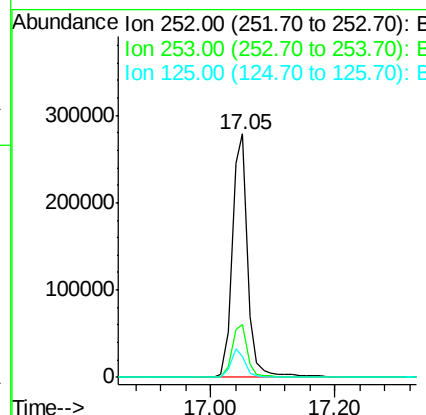
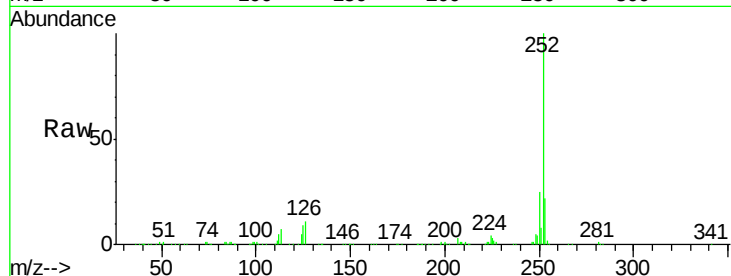
#89
Benzo(a)pyrene
Concen: 37.45 ng
RT: 17.05 min Scan# 1388
Delta R.T. 0.03 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB83955BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	8.7	9.7	14.5

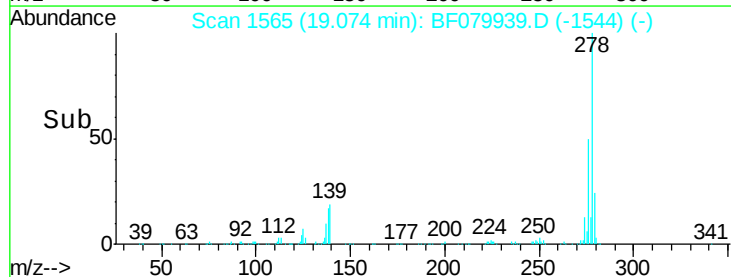
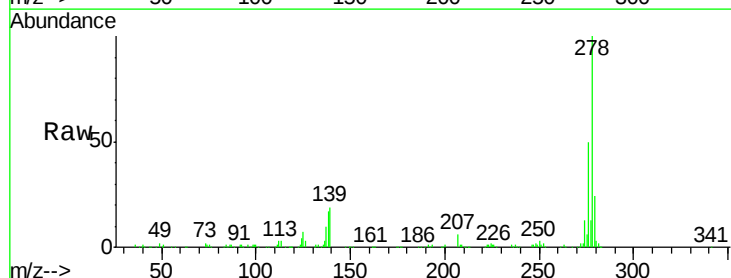
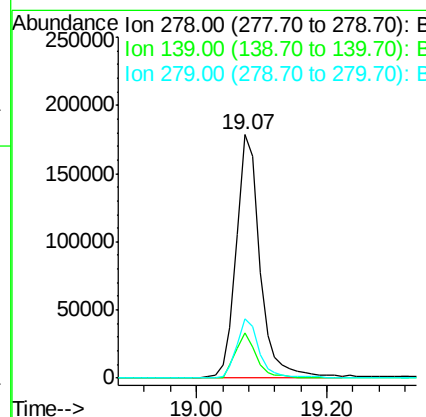
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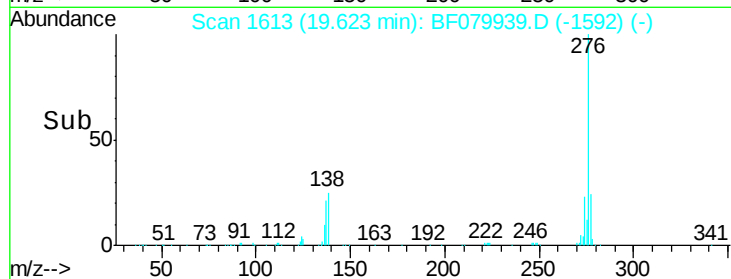
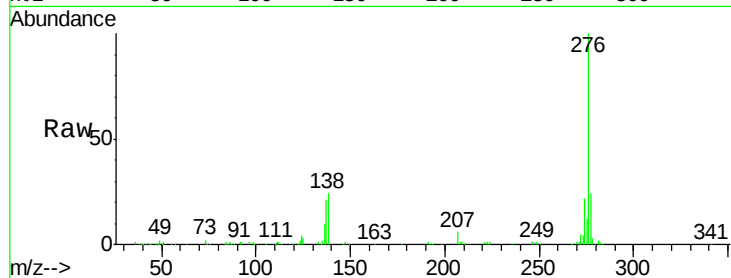
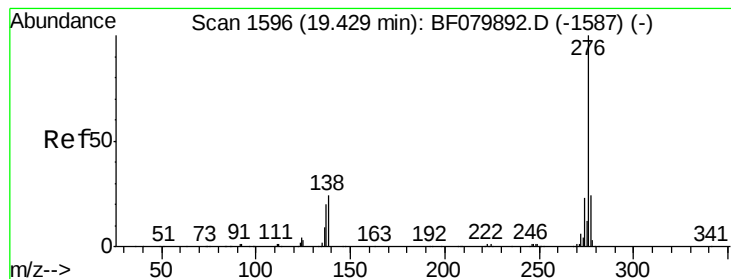
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#90
Dibenzo(a,h)anthracene
Concen: 35.82 ng
RT: 19.07 min Scan# 1565
Delta R.T. 0.03 min
Lab File: BF079939.D
Acq: 12 Jun 2015 17:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	12.8	19.2
279	24.4	19.7	29.5





#91

Benzo(g,h,i)perylene

Concen: 35.42 ng

RT: 19.62 min Scan# 1613

Delta R.T. 0.03 min

Lab File: BF079939.D

Acq: 12 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB83955BS

Tgt Ion:	276	Resp:	461846
Ion Ratio		Lower	Upper
276	100		
277	23.8	19.4	29.2
138	24.4	19.1	28.7

Manual Integrations
APPROVED

apatel
6/15/2015 12:43:30 PM

