

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
 Data File : BF079459.D
 Acq On : 23 May 2015 6:28
 Operator : TP/IZ
 Sample : G2255-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-150512

Manual Integrations
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 5/27/2015 8:17:35 AM

Quant Time: May 26 15:23:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 06:56:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	24294m	20.00	ng	0.02
21) Naphthalene-d8	8.70	136	67684m	20.00	ng	0.07
38) Acenaphthene-d10	10.87	164	128865m	20.00	ng	0.07
63) Phenanthrene-d10	12.64	188	245867	20.00	ng	0.01
75) Chrysene-d12	15.91	240	242774	20.00	ng	0.00
86) Perylene-d12	17.61	264	236285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	10738m	7.61	ng	0.03
7) Phenol-d6	6.63	99	318	0.17	ng	0.00
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	11.79	330	17887	12.83	ng	0.01
44) 2-Fluorobiphenyl	10.09	172	86528m	9.35	ng	0.11
78) Terphenyl-d14	14.63	244	105928	10.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.91	88	2331952m	3800.26	ng	
10) Phenol	6.81	94	604153m	279.17	ng	
11) bis(2-Chloroethyl)ether	6.78	93	637886m	402.08	ng	
12) 1,3-Dichlorobenzene	6.98	146	4583m	2.55	ng	
13) 1,4-Dichlorobenzene	7.08	146	29176m	15.76	ng	
14) 1,2-Dichlorobenzene	7.29	146	148135m	85.94	ng	
17) 2-Methylphenol	7.62	107	441829m	343.00	ng	
20) 3+4-Methylphenols	7.75	107	2855635m	1663.73	ng	
27) 2,4-Dimethylphenol	8.70	122	713368m	737.83	ng	
59) Diethylphthalate	11.38	149	38396	4.10	ng	96
83) Bis(2-ethylhexyl)phthalate	15.97	149	178245	19.24	ng	# 97

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

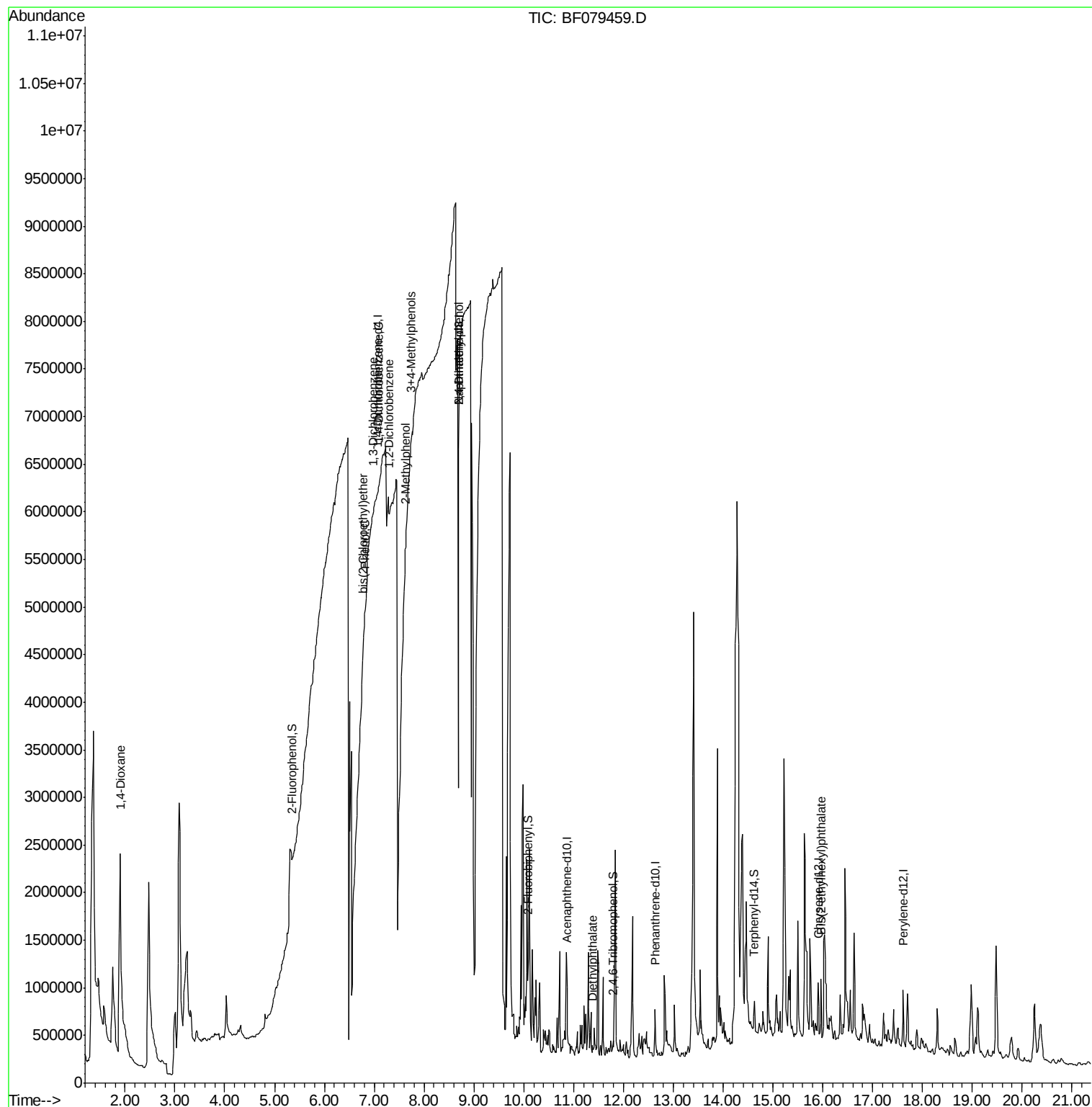
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079459.D
Acq On : 23 May 2015 6:28
Operator : TP/IZ
Sample : G2255-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

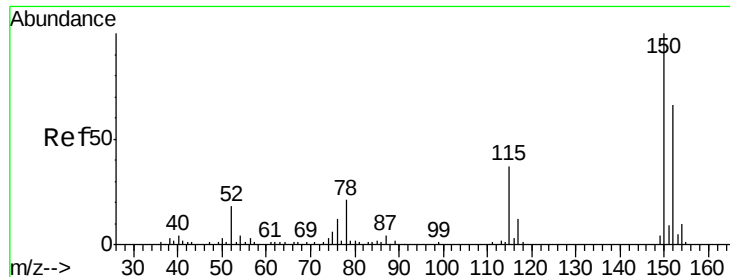
Instrument :
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KY032MW006-150512

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#1

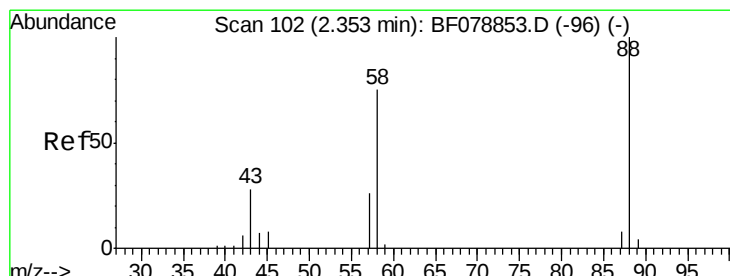
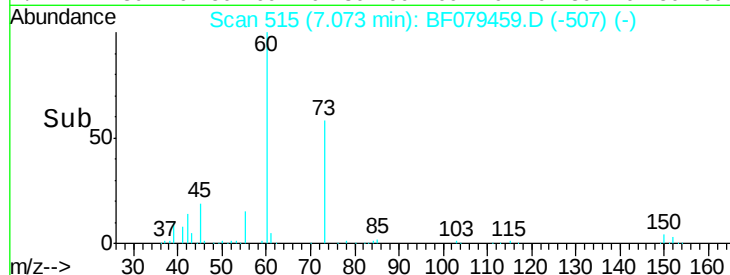
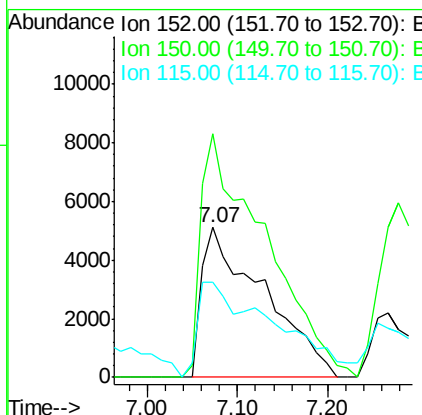
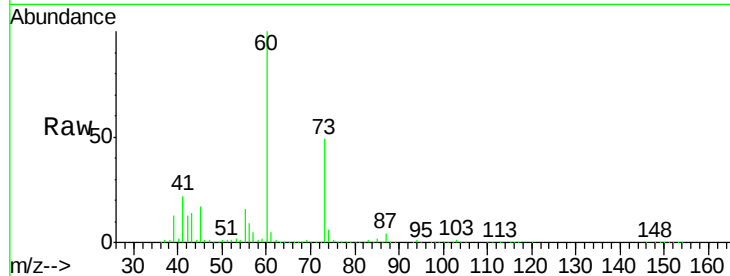
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 7.07 min Scan# 515
Delta R.T. 0.02 min
Lab File: BF079459.D
Acq: 23 May 2015 6:28

Instrument :
BNA_F
ClientSampleId :
KY032MW006-150512

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	123.8	185.8
115	63.1	49.4	74.0

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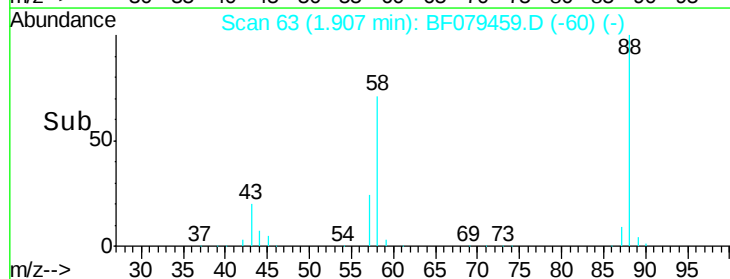
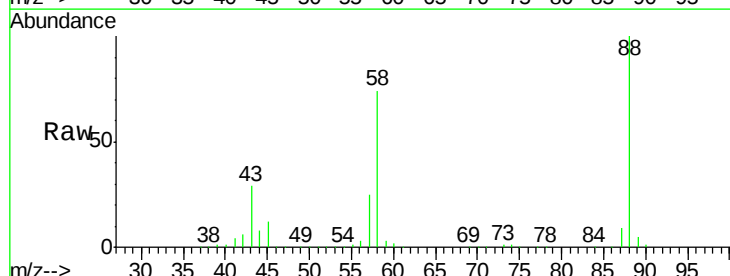
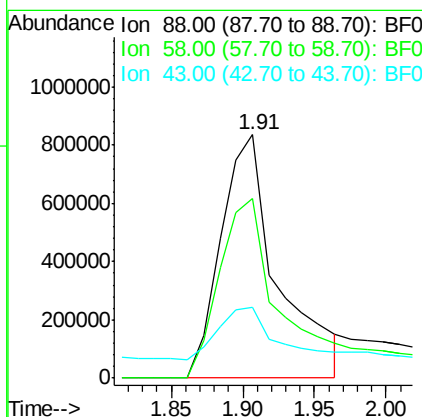
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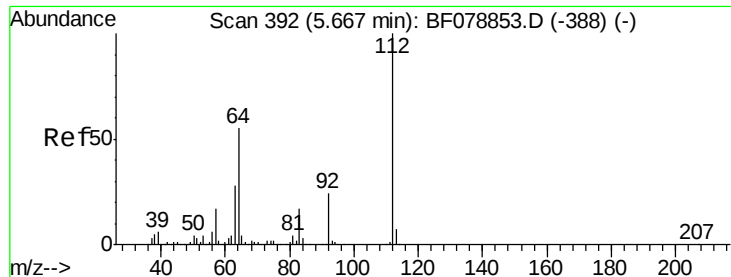


#2

1,4-Dioxane
Concen: 3800.26 ng m
RT: 1.91 min Scan# 63
Delta R.T. 0.01 min
Lab File: BF079459.D
Acq: 23 May 2015 6:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.5	95.3#
43	0.0	24.6	37.0#





#5

2-Fluorophenol

Concen: 7.61 ng/mL

RT: 5.36 min Scan# 365

Delta R.T. 0.03 min

Lab File: BF079459.D

Acq: 23 May 2015 6:28

Instrument :

BNA_F

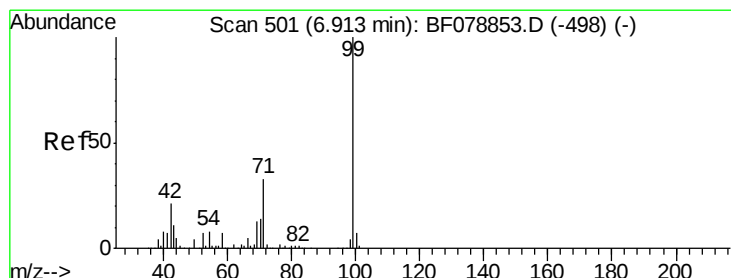
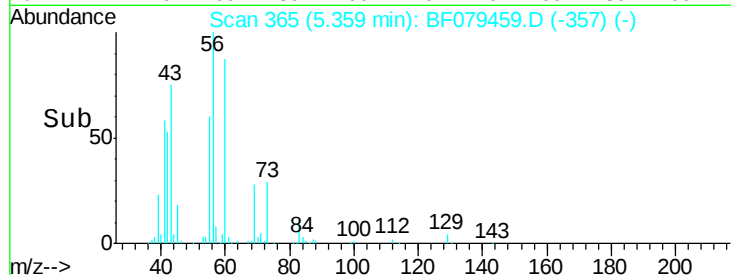
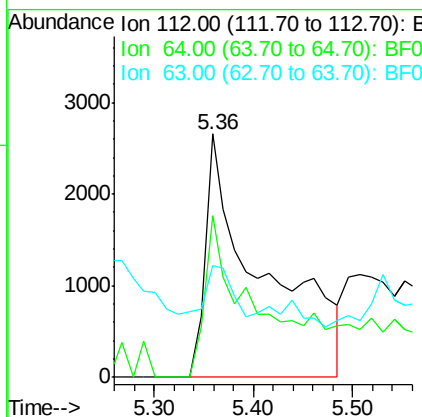
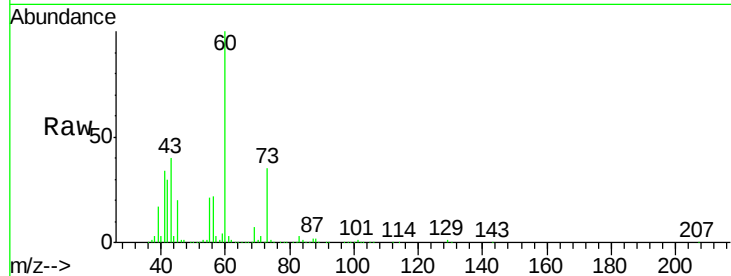
ClientSampleId :

KY032MW006-150512

Tot Ion	Ratio	Lower	Upper
112	100		
64	66.2	44.2	66.2
63	45.7	22.7	34.1#

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#7

Phenol-d6

Concen: 0.17 ng

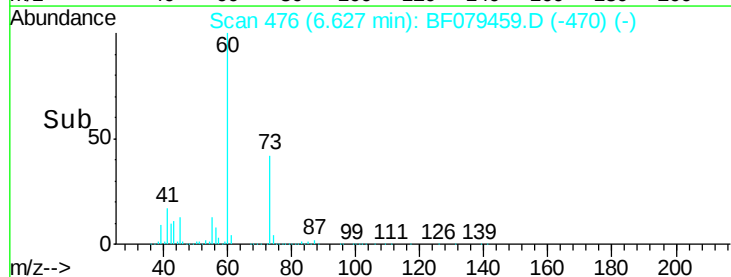
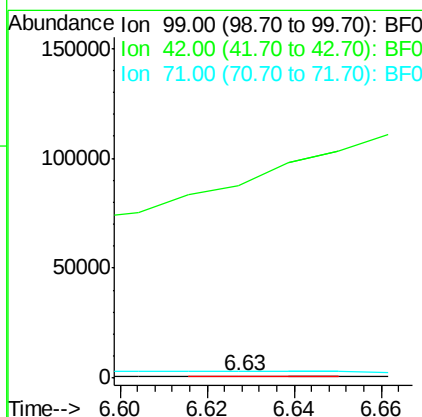
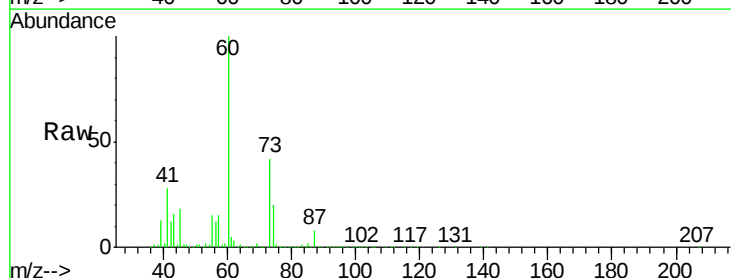
RT: 6.63 min Scan# 476

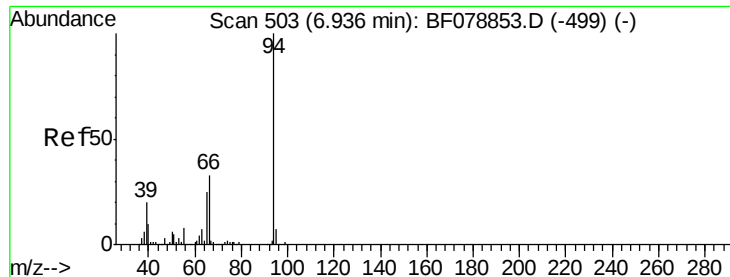
Delta R.T. -0.00 min

Lab File: BF079459.D

Acq: 23 May 2015 6:28

Tgt Ion	Ratio	Lower	Upper
99	100		
42	9461.8	17.1	25.7#
71	327.9	26.3	39.5#





#10

Phenol

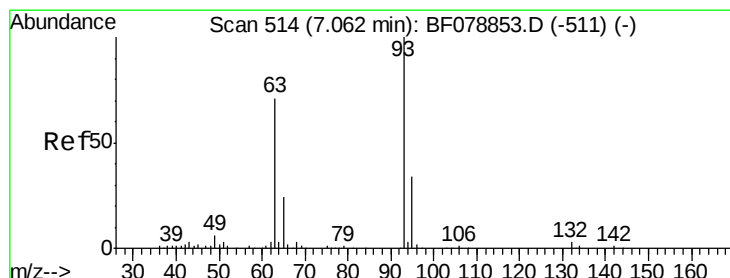
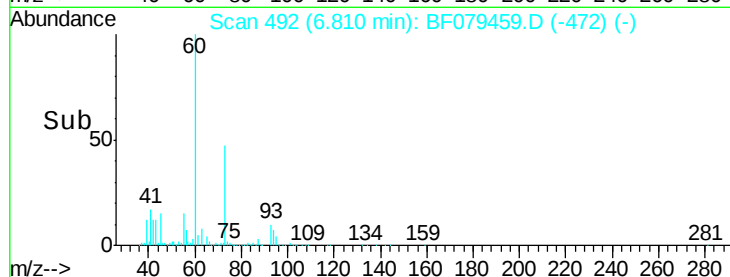
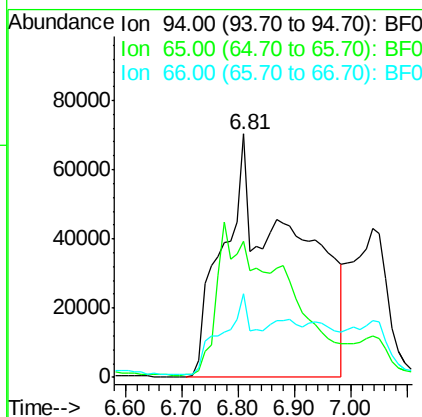
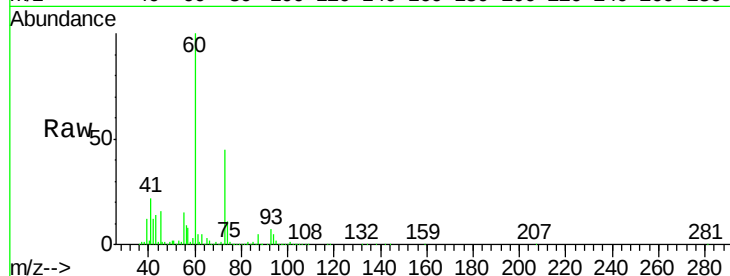
Concen: 279.17 ng m
RT: 6.81 min Scan# 492
Delta R.T. 0.16 min
Lab File: BF079459.D
Acq: 23 May 2015 6:28

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
94	100		
65	55.8	5.1	45.1#
66	34.6	13.1	53.1

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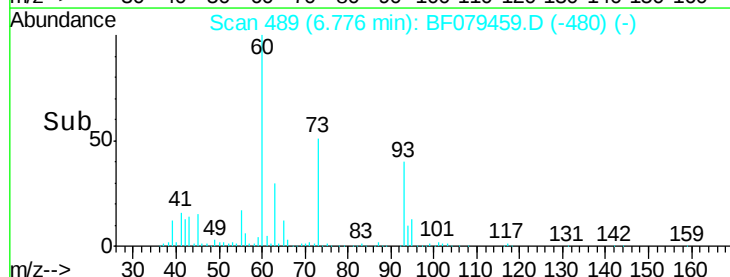
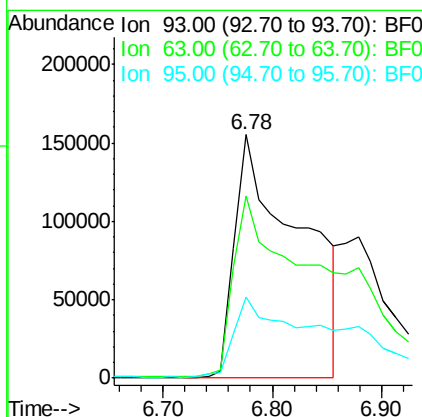
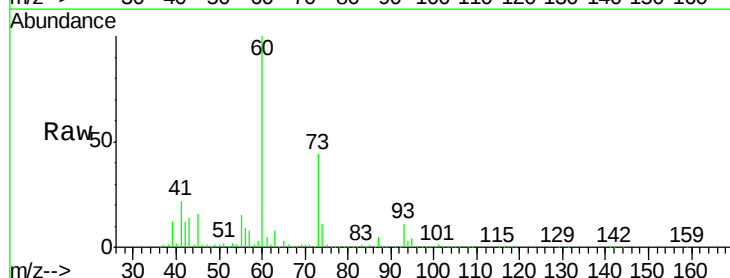


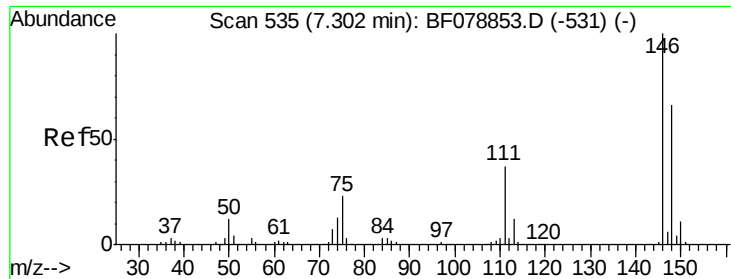
#11

bis(2-Chloroethyl)ether

Concen: 402.08 ng m
RT: 6.78 min Scan# 489
Delta R.T. 0.03 min
Lab File: BF079459.D
Acq: 23 May 2015 6:28

Tgt Ion	Ratio	Lower	Upper
93	100		
63	74.8	50.8	90.8
95	33.5	13.9	53.9





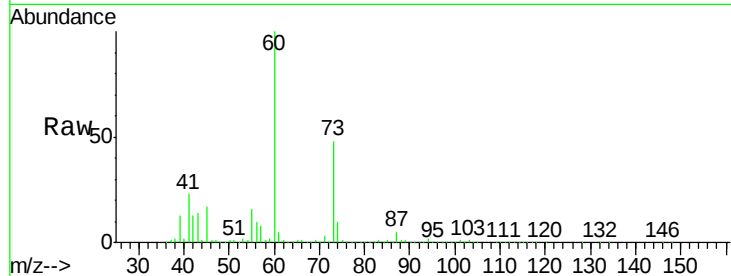
#12
 1,3-Dichlorobenzene
 Concen: 2.55 ng m
 RT: 6.98 min Scan# 507
 Delta R.T. 0.01 min
 Lab File: BF079459.D
 Acq: 23 May 2015 6:28

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-150512

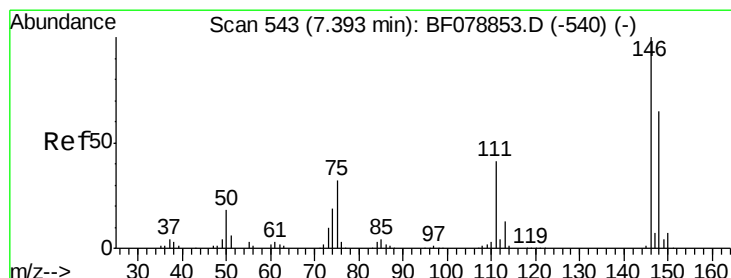
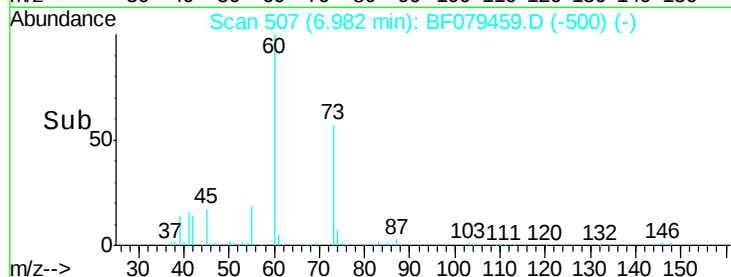
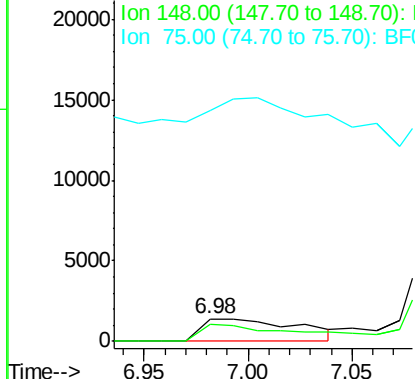
Tot Ion:146 Resp: 4583
 Ion Ratio Lower Upper
 146 100
 148 73.4 52.4 78.6
 75 1028.7 18.6 27.8

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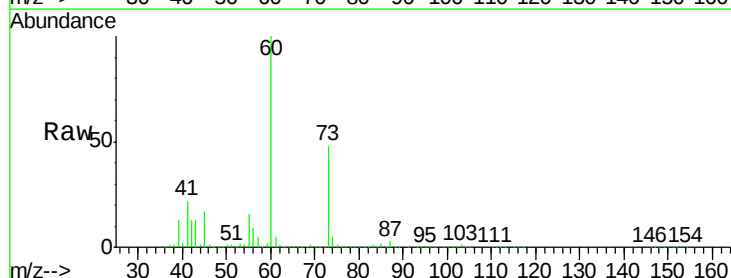


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

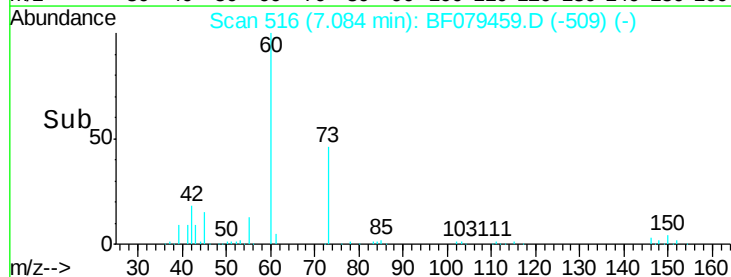
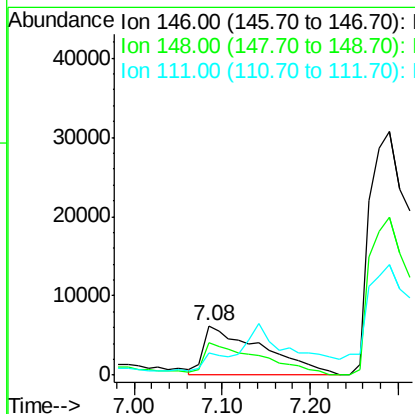


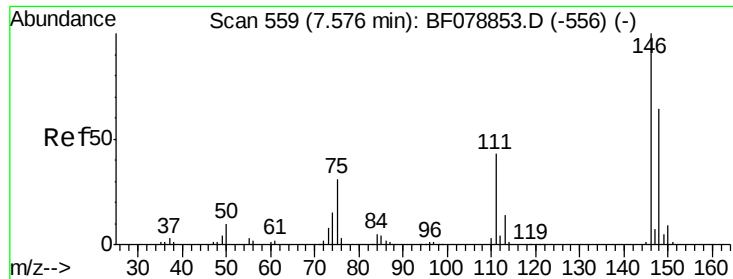
#13
 1,4-Dichlorobenzene
 Concen: 15.76 ng m
 RT: 7.08 min Scan# 516
 Delta R.T. 0.01 min
 Lab File: BF079459.D
 Acq: 23 May 2015 6:28

Tgt Ion:146 Resp: 29176
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.7 77.5
 111 44.7 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 85.94 ng/mL

RT: 7.29 min Scan# 534

Delta R.T. 0.03 min

Lab File: BF079459.D

Acq: 23 May 2015 6:28

Instrument :

BNA_F

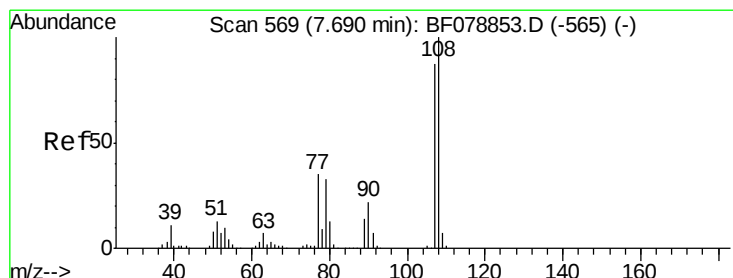
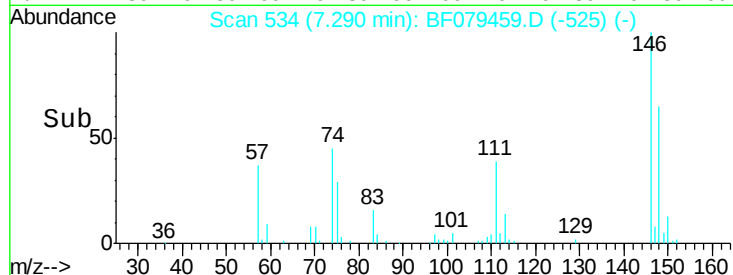
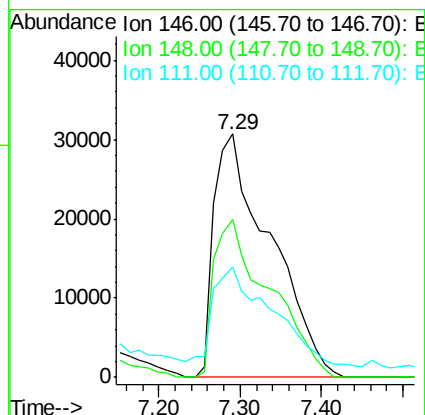
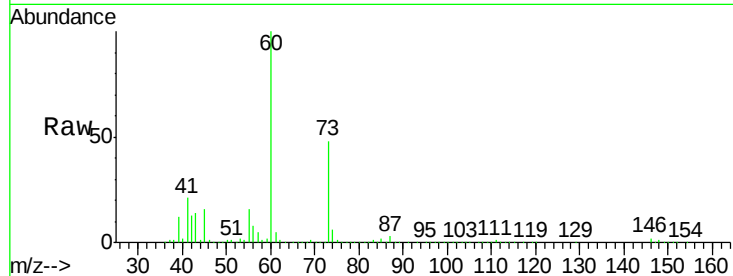
ClientSampleId :

KY032MW006-150512

Tot Ion:	146	Resp:	148135
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.1	76.7
111	45.3	34.6	52.0

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#17

2-Methylphenol

Concen: 343.00 ng/mL

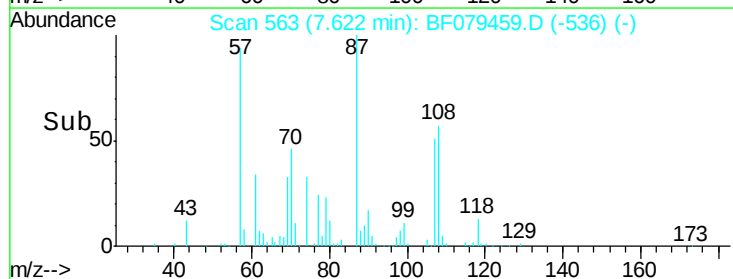
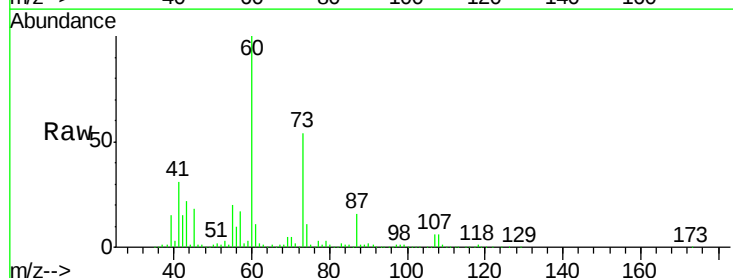
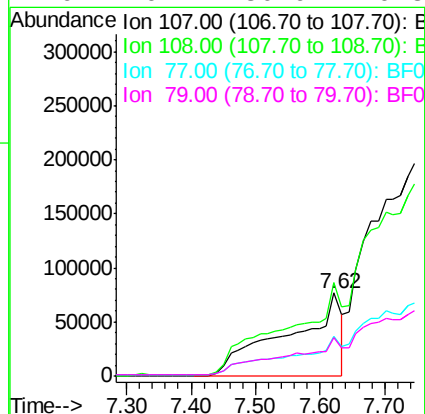
RT: 7.62 min Scan# 563

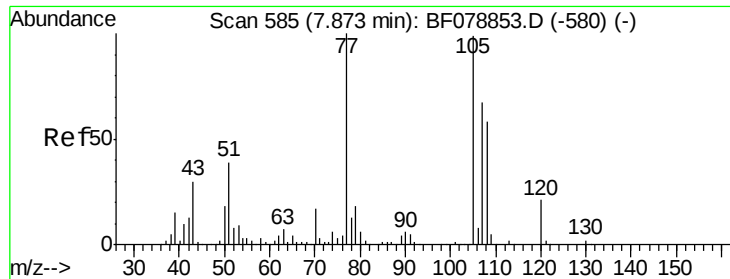
Delta R.T. 0.23 min

Lab File: BF079459.D

Acq: 23 May 2015 6:28

Tgt Ion:	107	Resp:	441829
Ion Ratio	Lower	Upper	
107	100		
108	113.4	92.4	138.6
77	47.6	32.6	49.0
79	46.4	30.9	46.3#





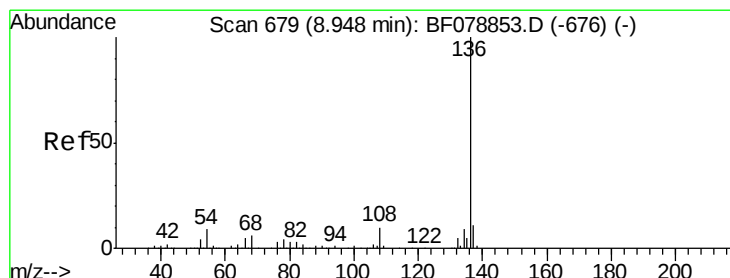
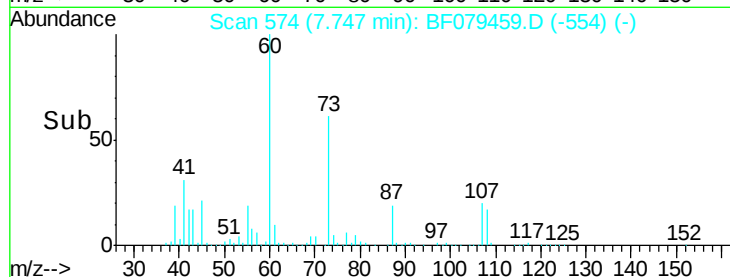
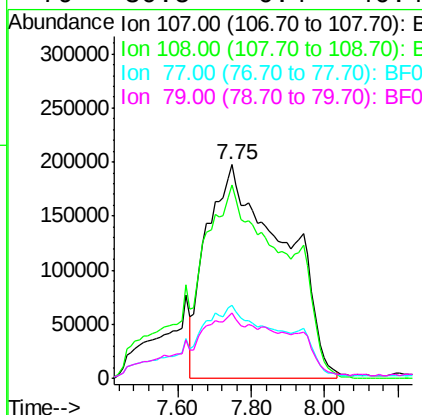
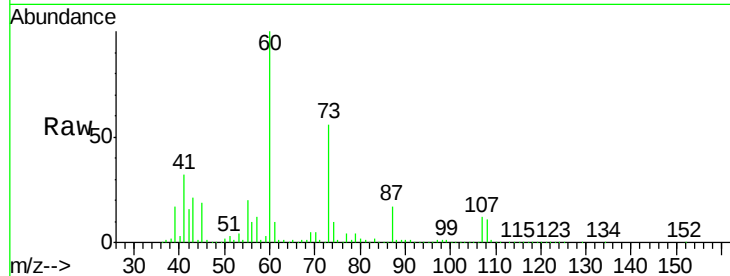
#20
3+4-Methylphenols
Concen: 1663.73 ng m
RT: 7.75 min Scan# 574
Delta R.T. 0.15 min
Lab File: BF079459.D
Acq: 23 May 2015 6:28

Instrument :
BNA_F
ClientSampleId :
KY032MW006-150512

Tot Ion:107 Resp: 2855635
Ion Ratio Lower Upper
107 100
108 90.2 66.5 106.5
77 34.3 130.6 170.6#
79 30.5 6.4 46.4

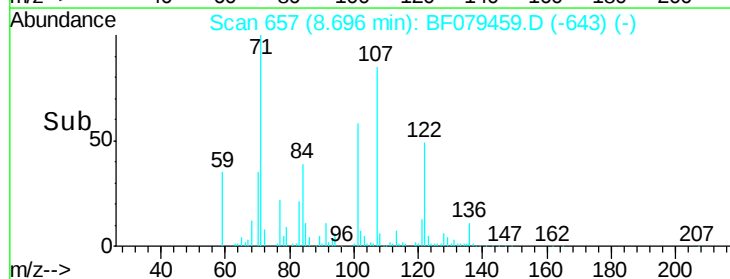
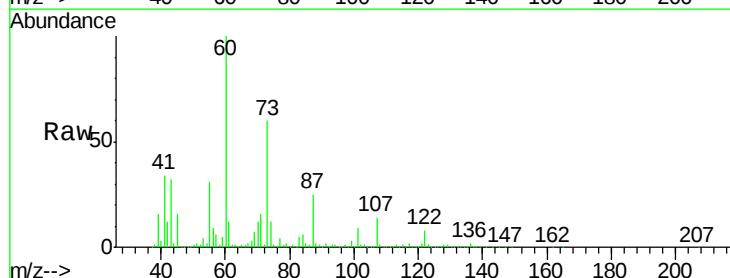
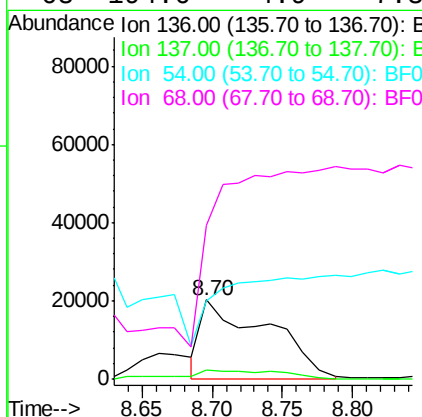
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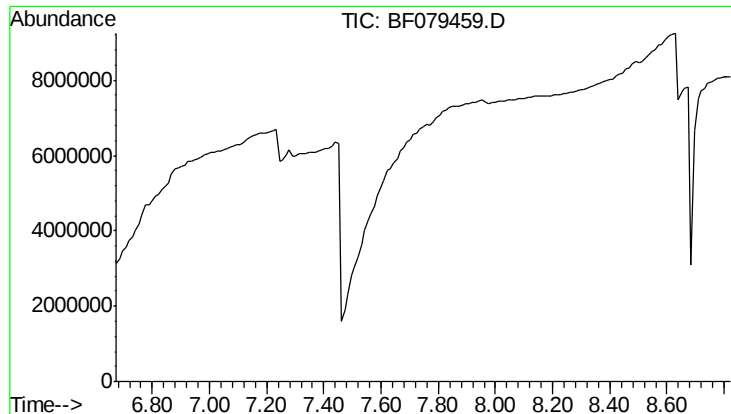
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#21
Naphthalene-d8
Concen: 20.00 ng m
RT: 8.70 min Scan# 657
Delta R.T. 0.07 min
Lab File: BF079459.D
Acq: 23 May 2015 6:28

Tgt Ion:136 Resp: 67684
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 98.6 6.9 10.3#
68 194.6 4.9 7.3#





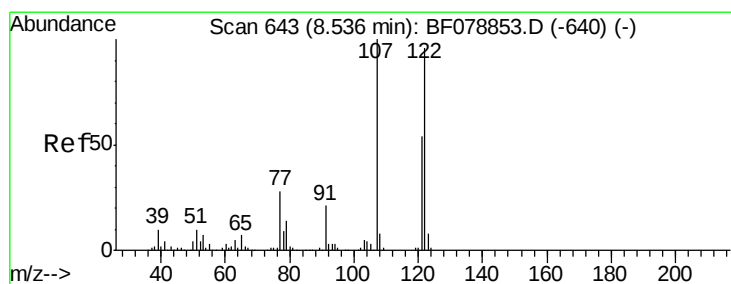
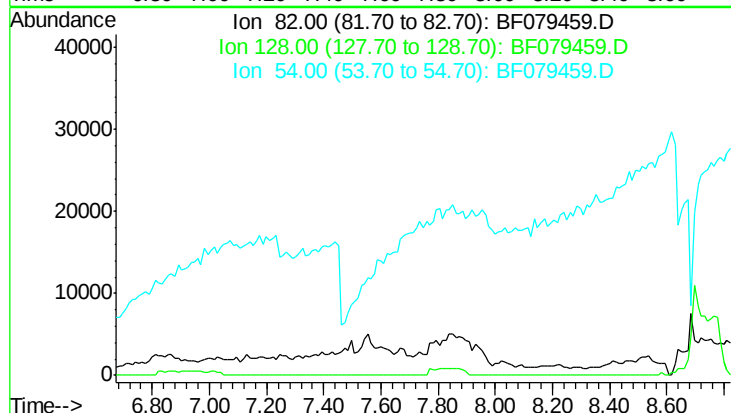
#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.75 min
 Lab File: BF079459.D
 Acq: 23 May 2015 6:28

Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 37.1
 54 57.8

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-150512

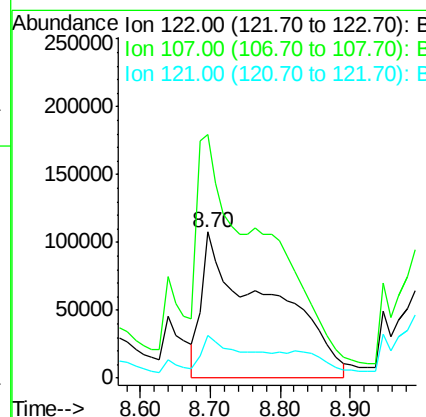
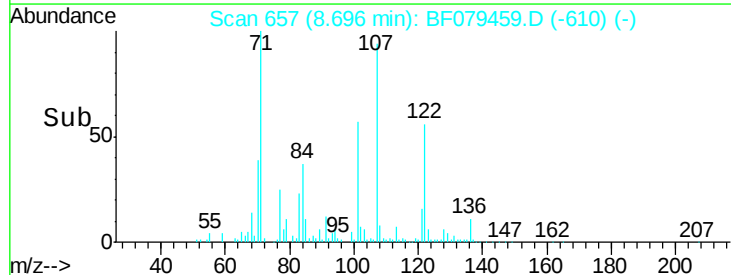
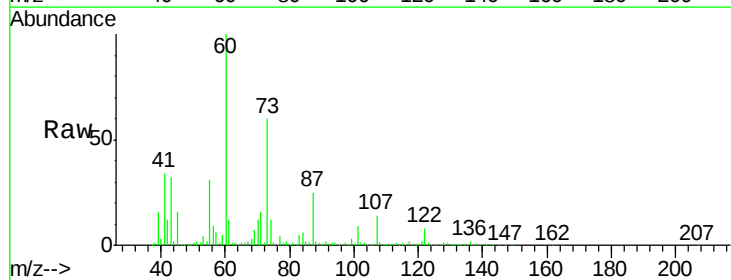
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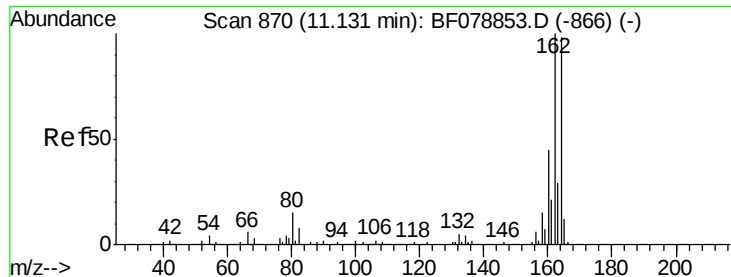
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#27
 2,4-Dimethylphenol
 Concen: 737.83 ng m
 RT: 8.70 min Scan# 657
 Delta R.T. 0.46 min
 Lab File: BF079459.D
 Acq: 23 May 2015 6:28

Tgt Ion:122 Resp: 713368
 Ion Ratio Lower Upper
 122 100
 107 167.1 83.6 125.4#
 121 29.7 44.9 67.3#





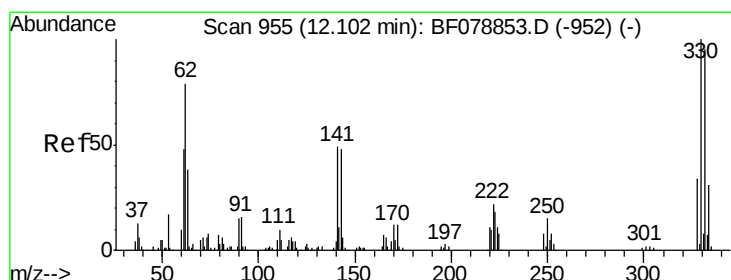
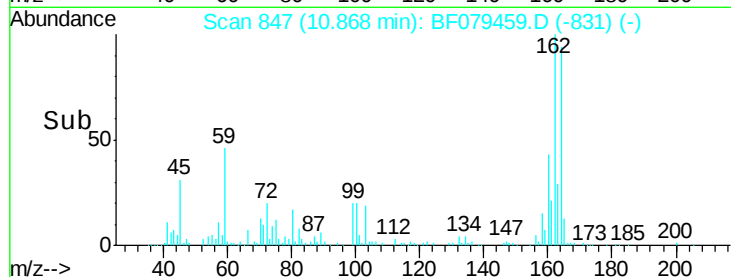
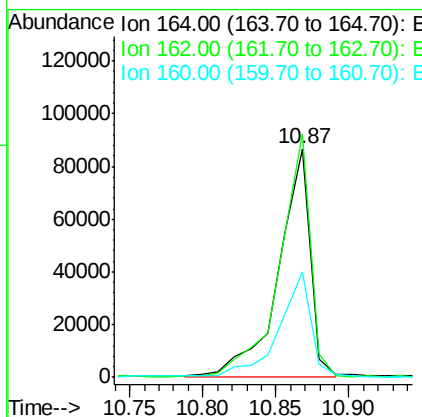
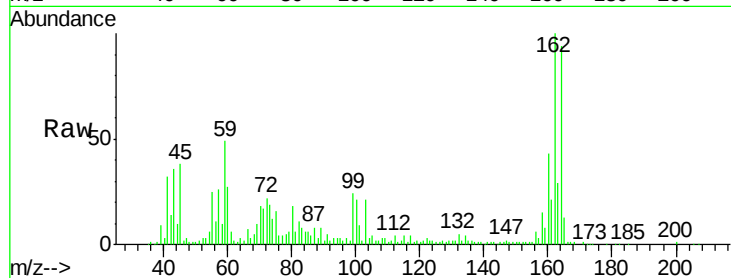
#38
Acenaphthene-d10
Concen: 20.00 ng/ml
RT: 10.87 min Scan# 847
Delta R.T. 0.07 min
Lab File: BF079459.D
Acq: 23 May 2015 6:28

Instrument :
BNA_F
ClientSampleId :
KY032MW006-150512

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.5	81.4	122.0	
160	45.9	36.6	54.8	

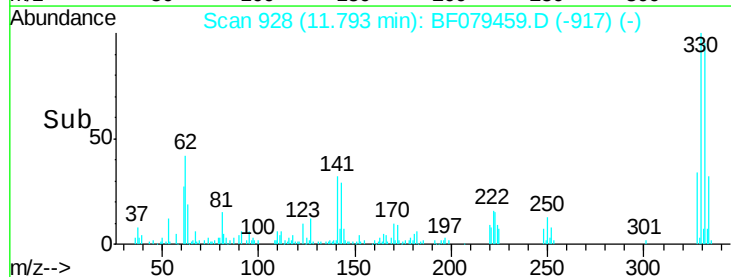
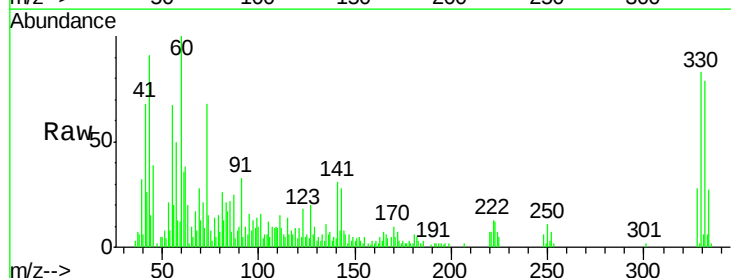
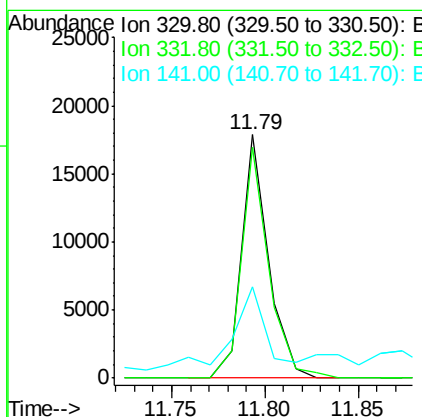
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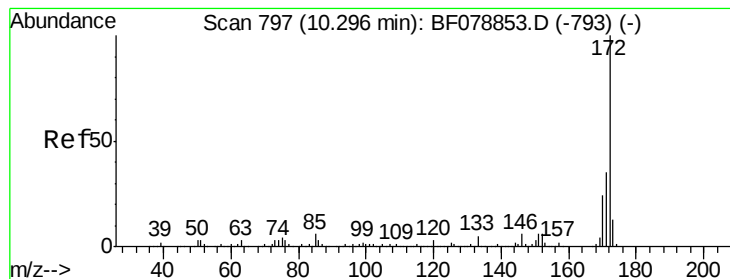
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#41
2,4,6-Tribromophenol
Concen: 12.83 ng
RT: 11.79 min Scan# 928
Delta R.T. 0.01 min
Lab File: BF079459.D
Acq: 23 May 2015 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	76.9	115.3	
141	44.7	27.8	41.8#	





#44

2-Fluorobiphenyl

Concen: 9.35 ng/mL

RT: 10.09 min Scan# 779

Delta R.T. 0.11 min

Lab File: BF079459.D

Acq: 23 May 2015 6:28

Instrument :

BNA_F

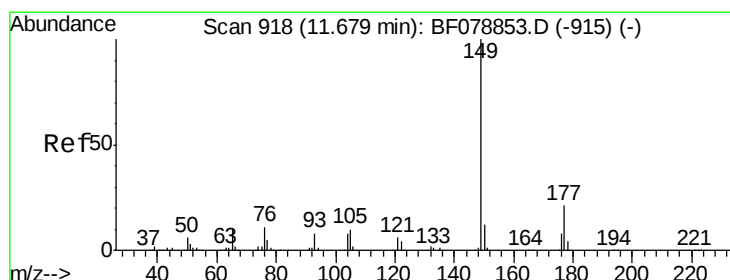
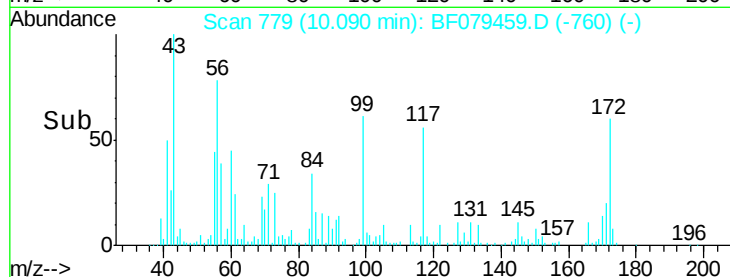
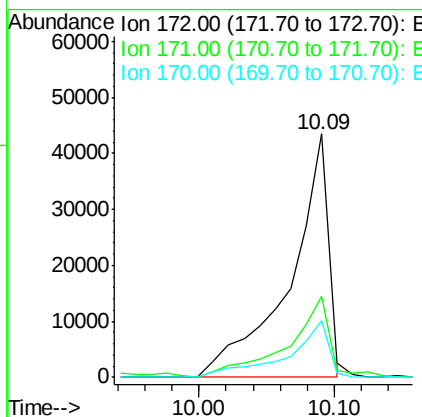
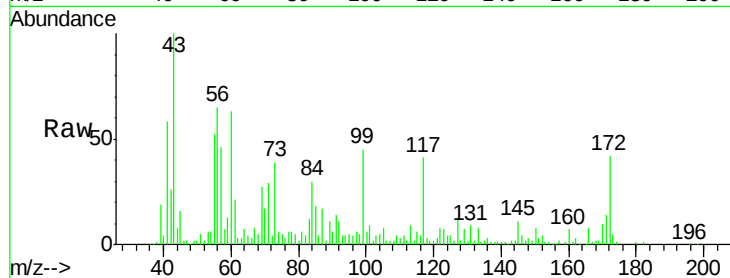
ClientSampleId :

KY032MW006-150512

Tot Ion:	172	Resp:	86528
Ion Ratio	Lower	Upper	
172	100		
171	33.2	28.3	42.5
170	23.3	19.4	29.2

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#59

Diethylphthalate

Concen: 4.10 ng/mL

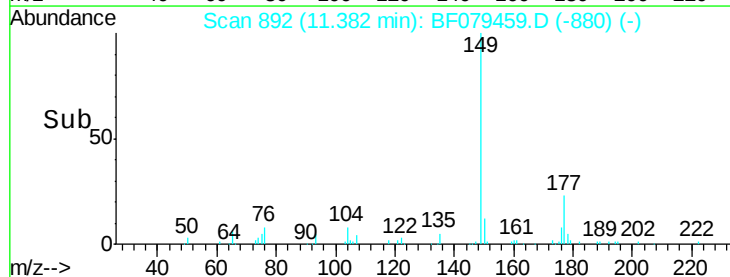
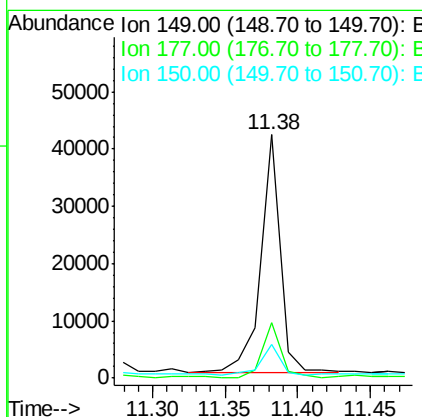
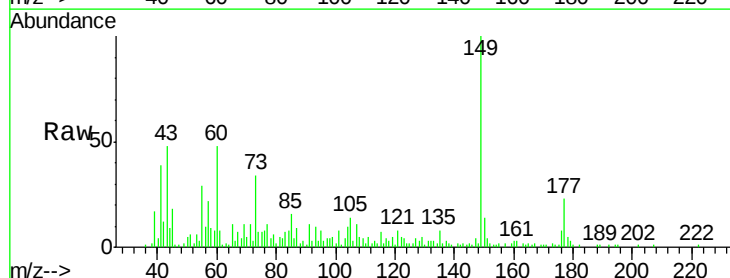
RT: 11.38 min Scan# 892

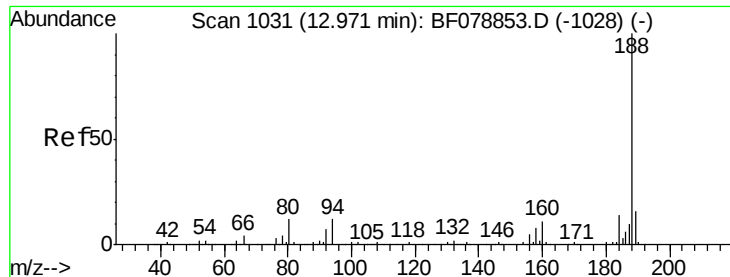
Delta R.T. 0.02 min

Lab File: BF079459.D

Acq: 23 May 2015 6:28

Tgt Ion:	149	Resp:	38396
Ion Ratio	Lower	Upper	
149	100		
177	22.5	16.4	24.6
150	13.8	9.8	14.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.64 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF079459.D

Acq: 23 May 2015 6:28

Instrument :

BNA_F

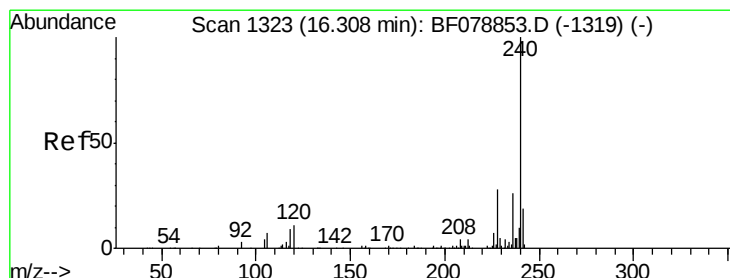
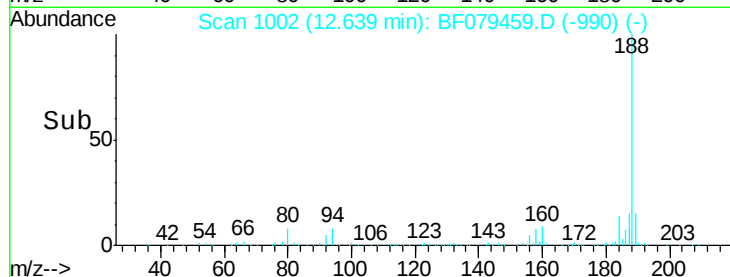
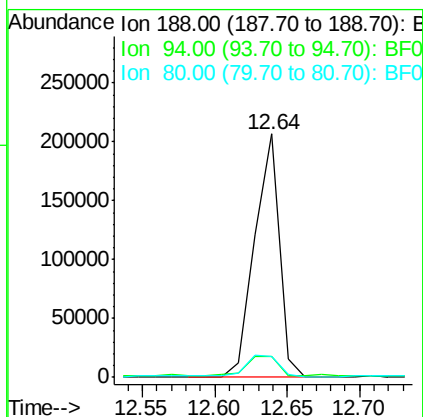
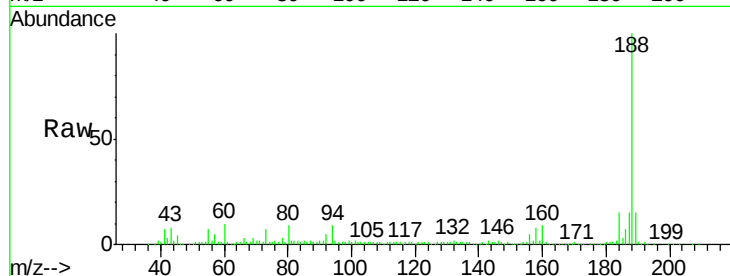
ClientSampleId :

KY032MW006-150512

Tot Ion:	188	Resp:	245867
Ion Ratio	Lower	Upper	
188	100		
94	8.7	9.4	14.0#
80	8.8	9.8	14.6#

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#75

Chrysene-d12

Concen: 20.00 ng

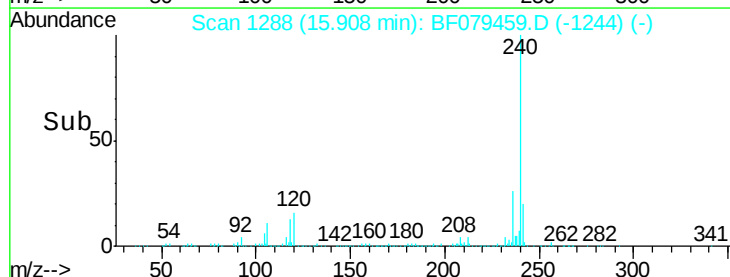
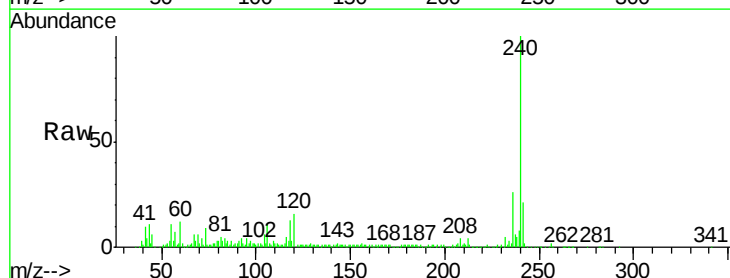
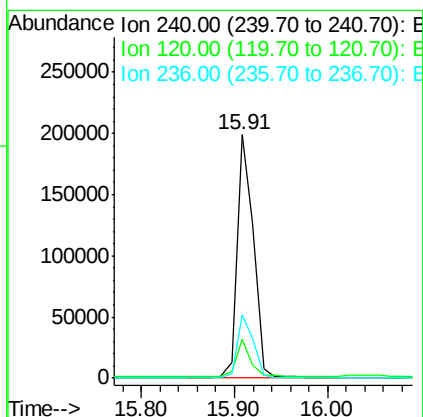
RT: 15.91 min Scan# 1288

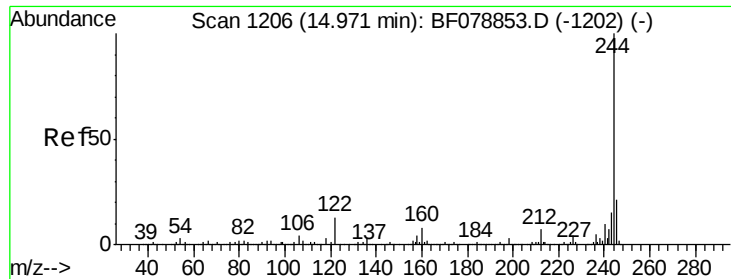
Delta R.T. -0.00 min

Lab File: BF079459.D

Acq: 23 May 2015 6:28

Tgt Ion:	240	Resp:	242774
Ion Ratio	Lower	Upper	
240	100		
120	16.1	8.6	12.8#
236	25.7	21.0	31.6





#78

Terphenyl-d14

Concen: 10.45 ng

RT: 14.63 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF079459.D

Acq: 23 May 2015 6:28

Instrument :

BNA_F

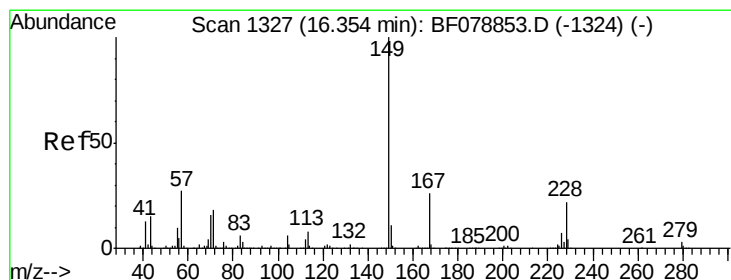
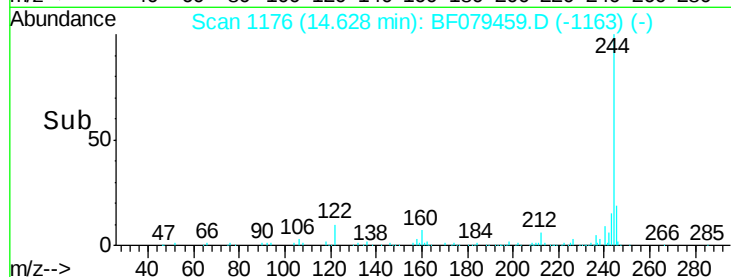
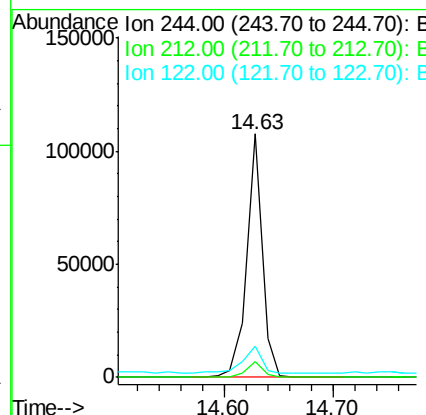
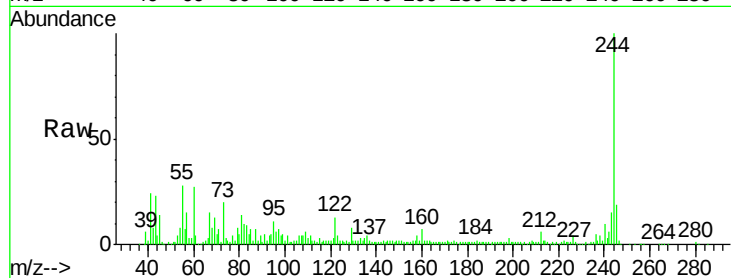
ClientSampleId :

KY032MW006-150512

Tot Ion:	244	Resp:	105928
Ion Ratio		Lower	Upper
244	100		
212	6.5	5.6	8.4
122	12.7	10.5	15.7

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#83

Bis(2-ethylhexyl)phthalate

Concen: 19.24 ng

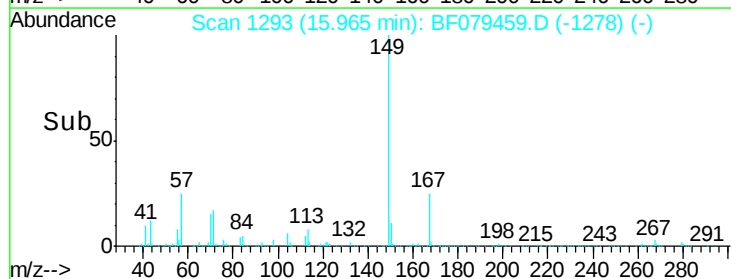
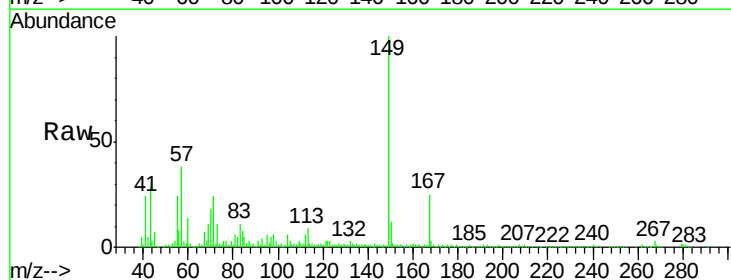
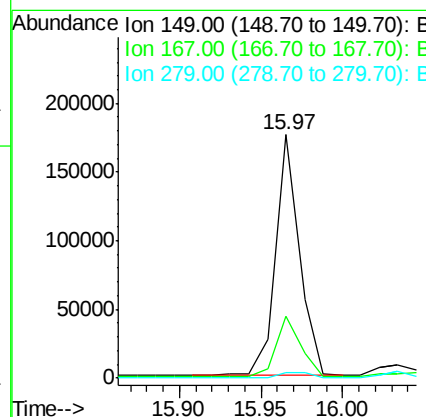
RT: 15.97 min Scan# 1293

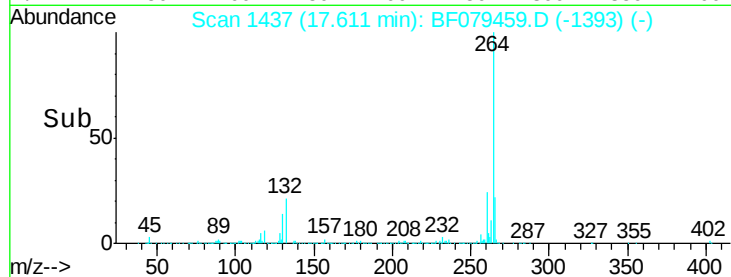
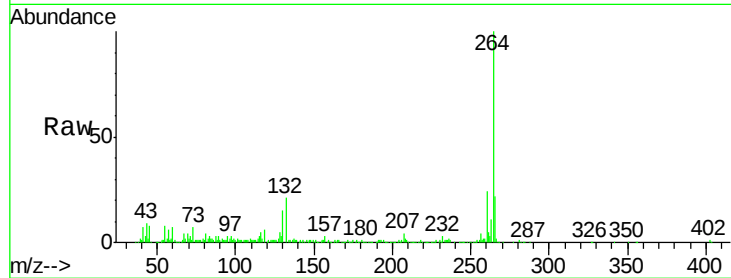
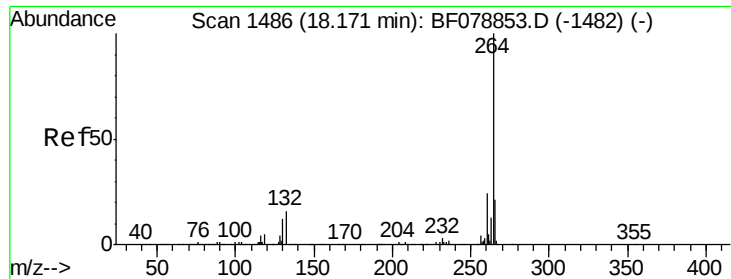
Delta R.T. -0.00 min

Lab File: BF079459.D

Acq: 23 May 2015 6:28

Tgt Ion:	149	Resp:	178245
Ion Ratio		Lower	Upper
149	100		
167	25.2	21.2	31.8
279	2.4	2.6	4.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.61 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF079459.D
 Acq: 23 May 2015 6:28

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-150512

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.2	25.8

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