

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
 Data File : BF079634.D
 Acq On : 31 May 2015 15:46
 Operator : TP/IZ
 Sample : G2416-30
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IA14.2(2)

Manual Integrations
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Quant Time: Jun 01 04:18:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 04:06:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	53916	20.00	ng	0.00
21) Naphthalene-d8	8.48	136	226293	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	111718	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	224110	20.00	ng	0.00
75) Chrysene-d12	15.75	240	231007	20.00	ng	0.00
86) Perylene-d12	17.46	264	240758	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.16	112	509211	163.81	ng	0.00
7) Phenol-d6	6.50	99	670312	169.18	ng	0.00
23) Nitrobenzene-d5	7.61	82	396909	101.39	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	202199	164.78	ng	0.00
44) 2-Fluorobiphenyl	9.83	172	654522	83.58	ng	0.00
78) Terphenyl-d14	14.47	244	716165	72.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.51	128	30197	2.78	ng	99
37) 2-Methylnaphthalene	9.37	142	17533	2.33	ng	94
49) Dimethylphthalate	10.34	163	109175	13.26	ng	100
70) Phenanthrene	12.50	178	83792	6.82	ng	99
74) Fluoranthene	13.98	202	101407	7.69	ng	97
77) Pyrene	14.25	202	88033	6.15	ng	97
80) Benzo(a)anthracene	15.74	228	50679	3.81	ng	99
82) Chrysene	15.78	228	40729	3.22	ng	97
87) Benzo(b)fluoranthene	17.03	252	55035m	4.01	ng	

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

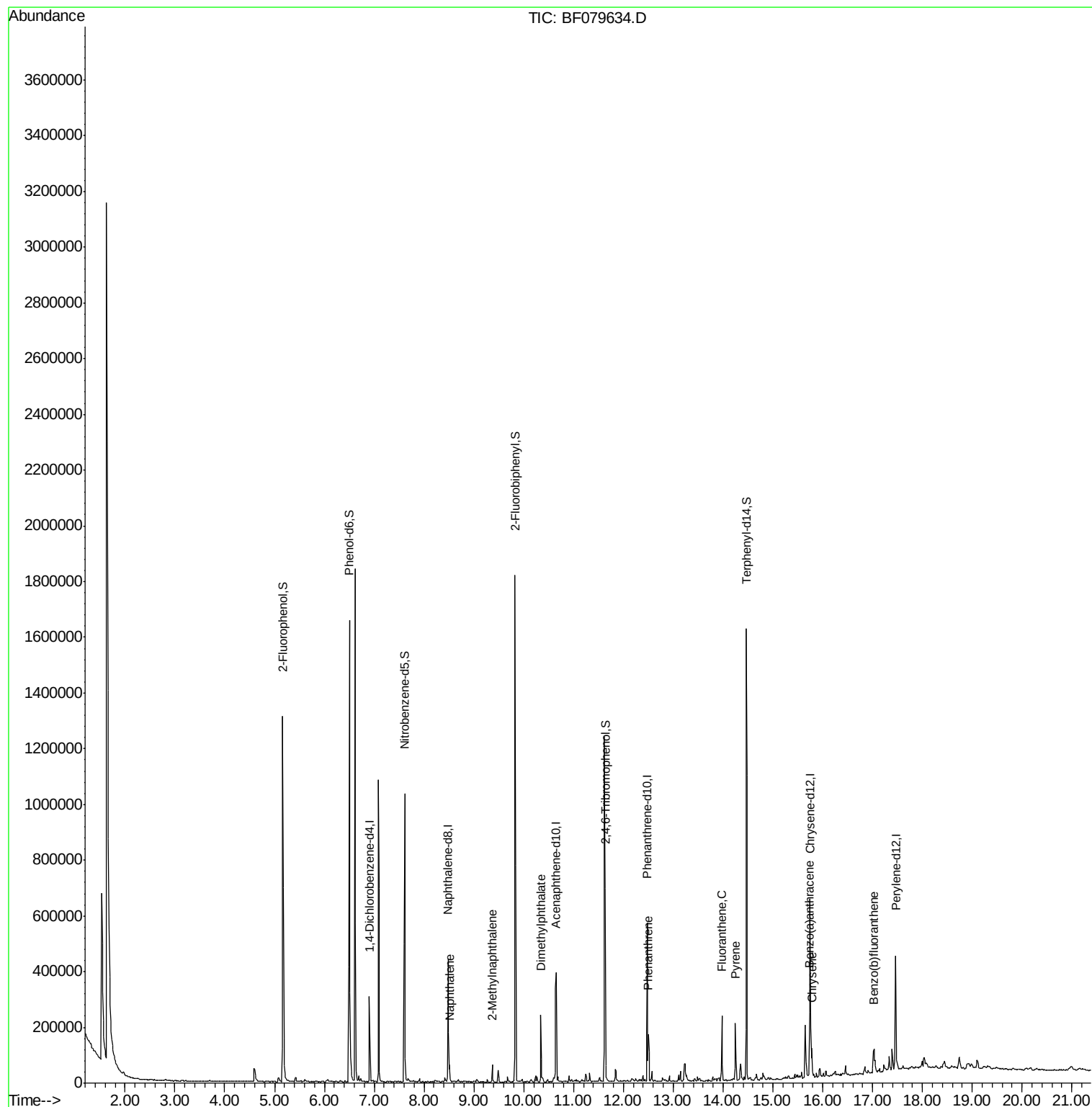
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079634.D
Acq On : 31 May 2015 15:46
Operator : TP/IZ
Sample : G2416-30
Misc :
ALS Vial : 6 Sample Multiplier: 1

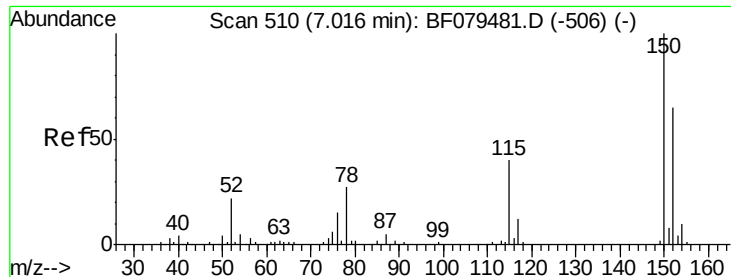
Instrument :
BNA_F
ClientSampleId :
IA14.2(2)

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Quant Time: Jun 01 04:18:54 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 04:06:42 2015
Response via : Initial Calibration





#1

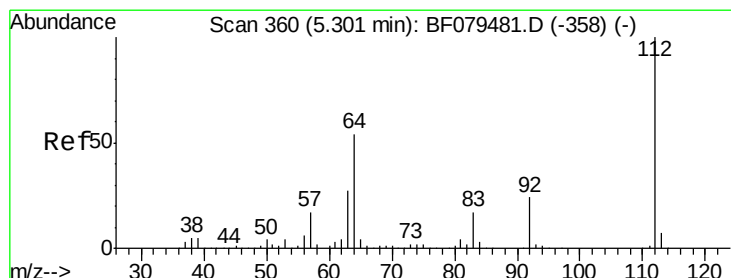
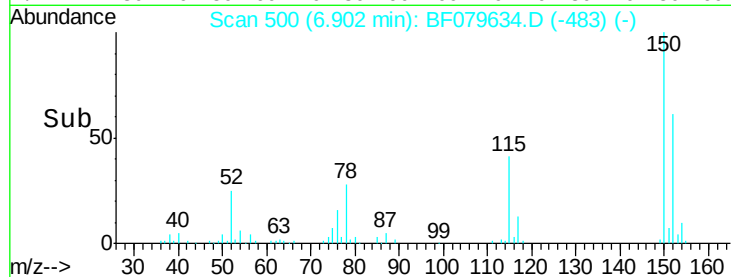
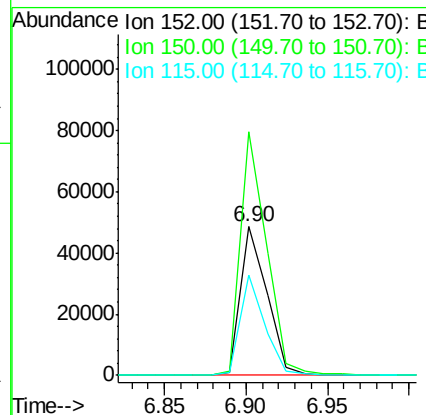
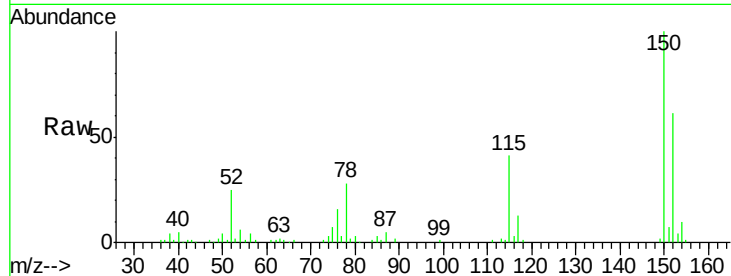
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF079634.D
Acq: 31 May 2015 15:46

Instrument :
BNA_F
ClientSampleId :
IA14.2(2)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.8	124.0	186.0
115	67.1	49.6	74.4

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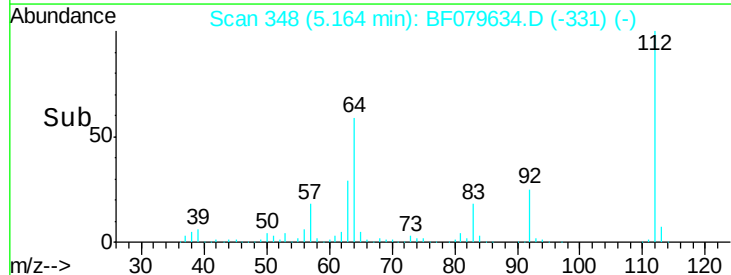
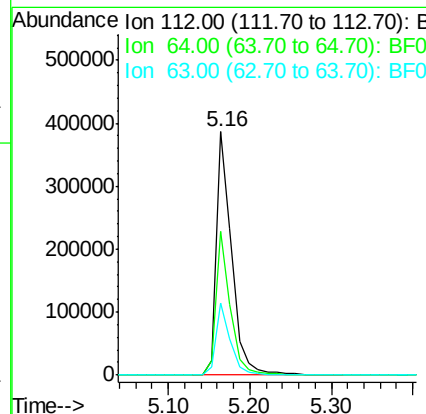
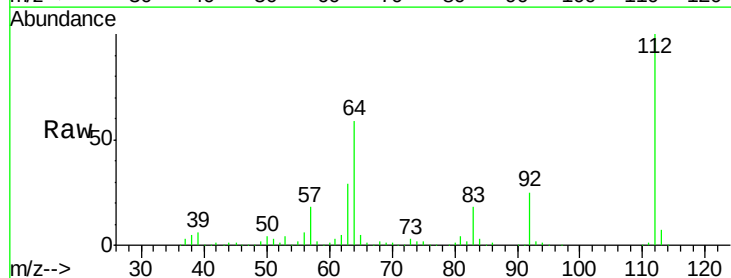
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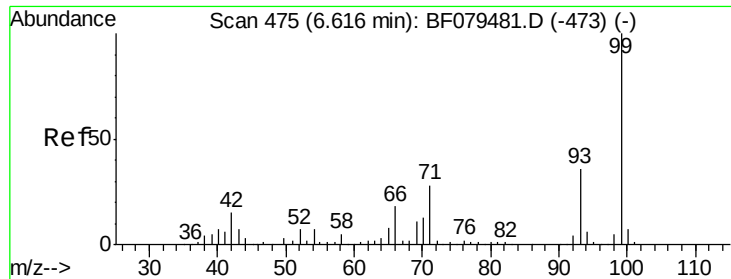


#5

2-Fluorophenol
Concen: 163.81 ng
RT: 5.16 min Scan# 348
Delta R.T. -0.00 min
Lab File: BF079634.D
Acq: 31 May 2015 15:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	43.5	65.3
63	29.4	21.8	32.8





#7

Phenol-d6

Concen: 169.18 ng

RT: 6.50 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF079634.D

Acq: 31 May 2015 15:46

Instrument :

BNA_F

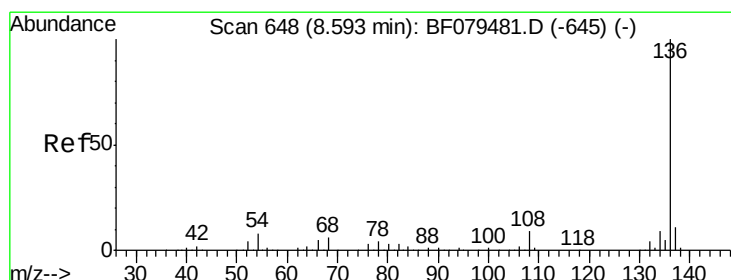
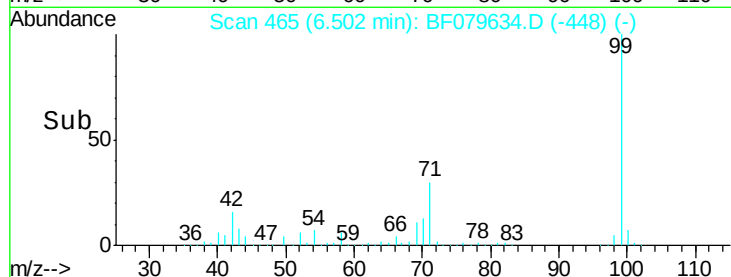
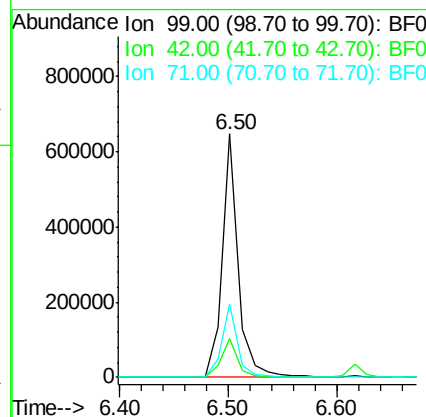
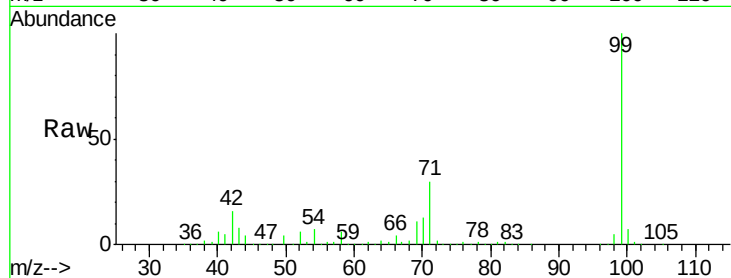
ClientSampleId :

IA14.2(2)

Tgt Ion:	99	Resp:	670312
Ion Ratio	Lower	Upper	
99	100		
42	15.8	11.9	17.9
71	29.9	22.1	33.1

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#21

Naphthalene-d8

Concen: 20.00 ng

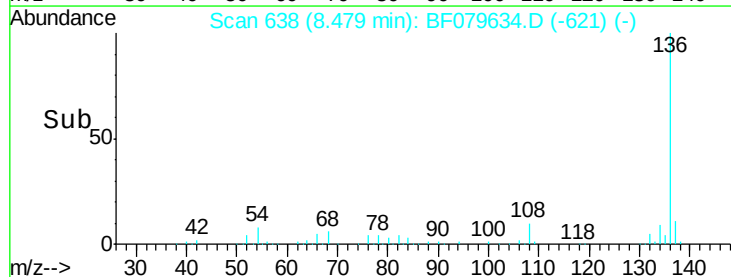
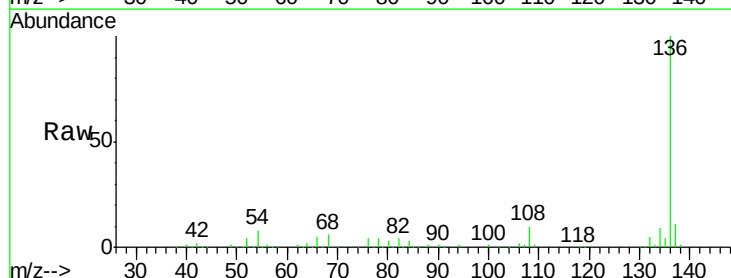
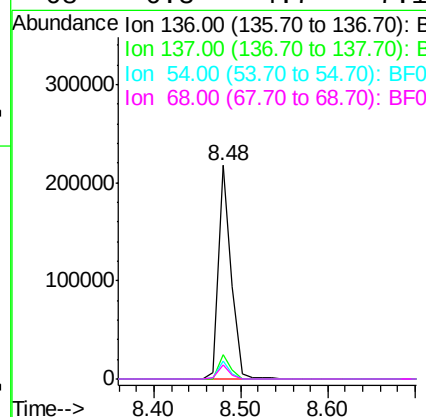
RT: 8.48 min Scan# 638

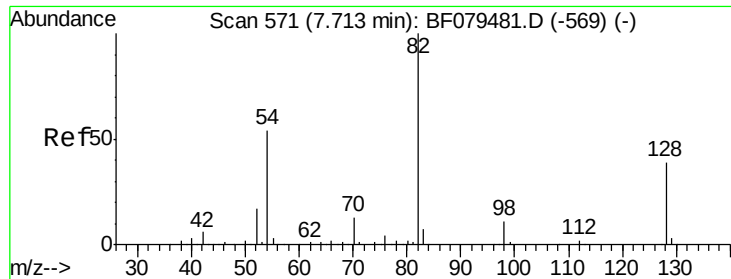
Delta R.T. -0.00 min

Lab File: BF079634.D

Acq: 31 May 2015 15:46

Tgt Ion:	136	Resp:	226293
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	8.3	6.6	9.8
68	6.3	4.7	7.1





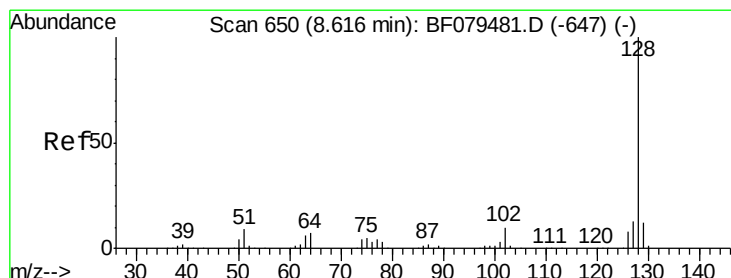
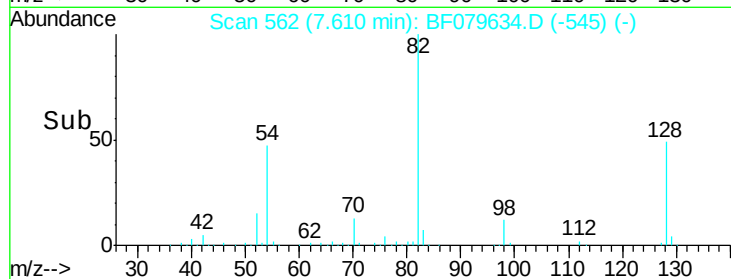
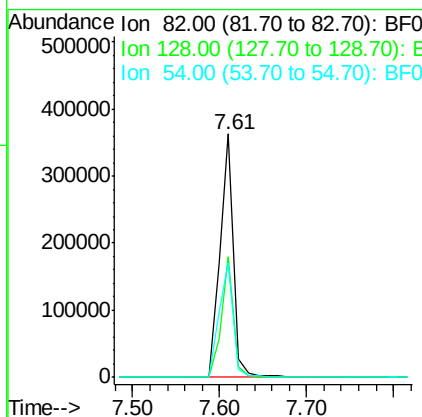
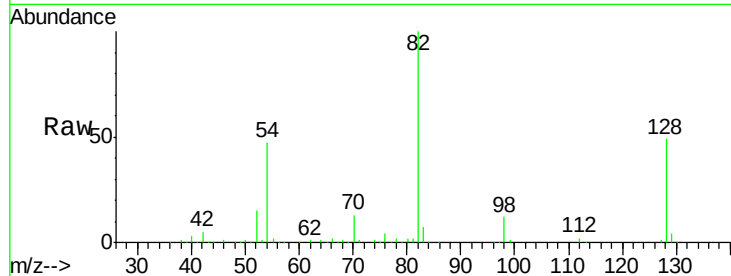
#23
 Nitrobenzene-d5
 Concen: 101.39 ng
 RT: 7.61 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BF079634.D
 Acq: 31 May 2015 15:46

Instrument :
 BNA_F
 ClientSampleId :
 IA14.2(2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	49.5	30.8	46.2#
54	46.9	42.8	64.2

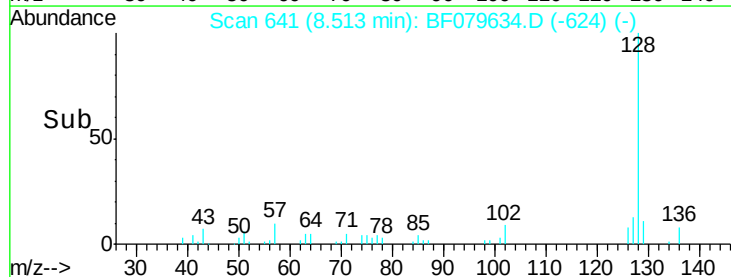
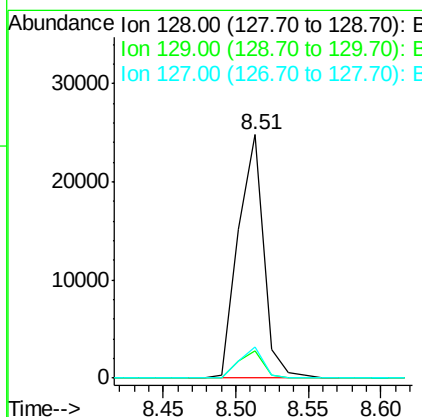
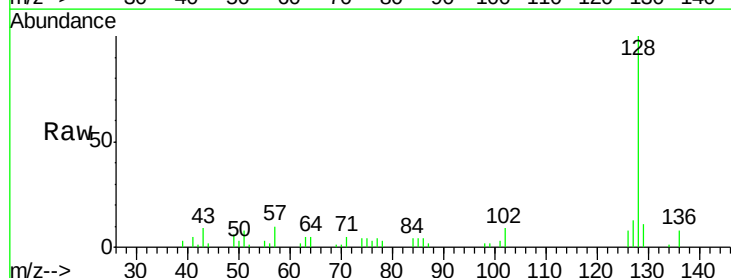
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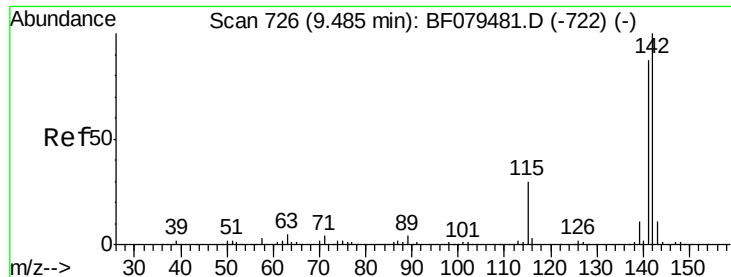
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#31
 Naphthalene
 Concen: 2.78 ng
 RT: 8.51 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF079634.D
 Acq: 31 May 2015 15:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	9.3	13.9
127	12.6	10.6	15.8





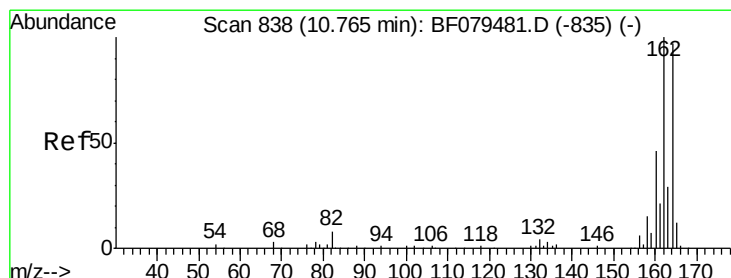
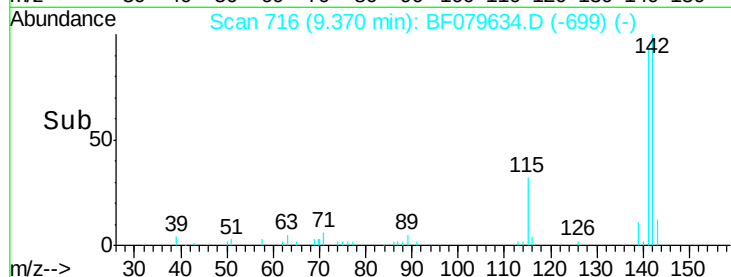
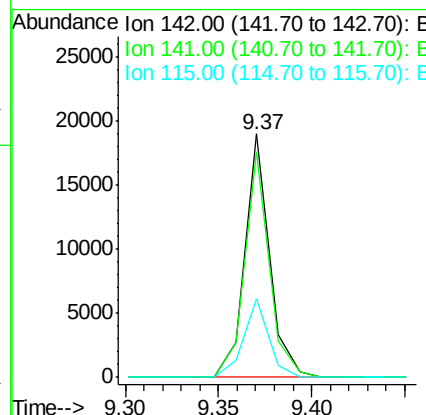
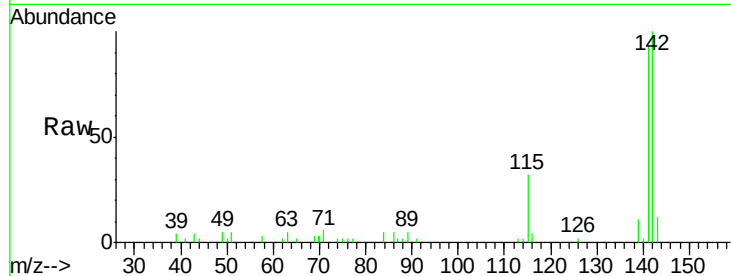
#37
2-Methylnaphthalene
Concen: 2.33 ng
RT: 9.37 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF079634.D
Acq: 31 May 2015 15:46

Instrument :
BNA_F
ClientSampleId :
IA14.2(2)

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	69.5	104.3
115	32.2	23.8	35.6

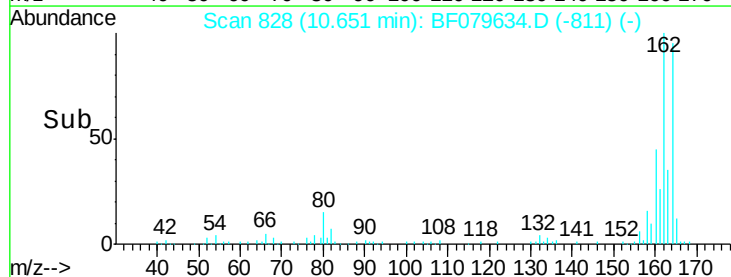
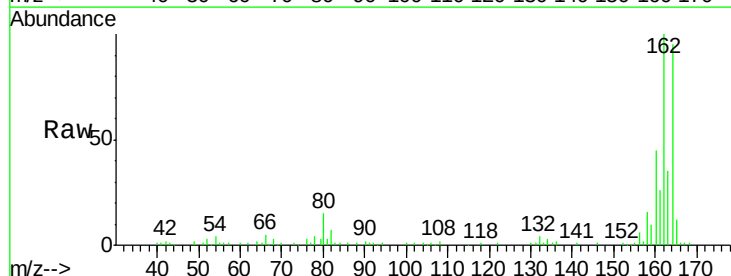
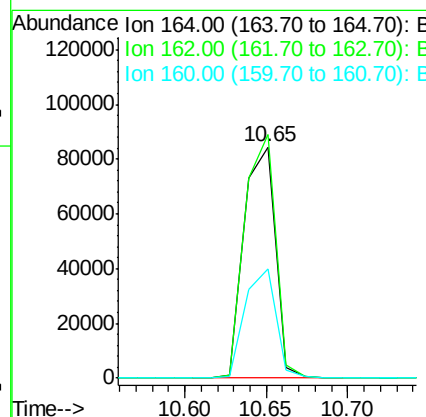
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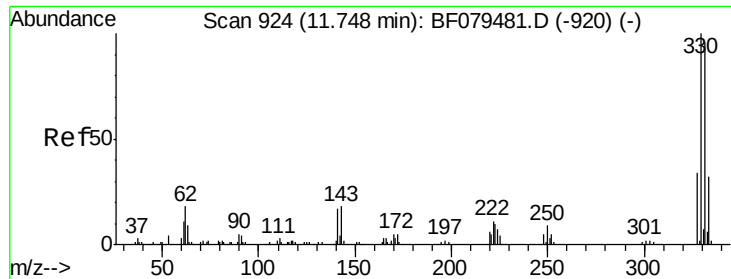
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.65 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF079634.D
Acq: 31 May 2015 15:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	124.0
160	47.0	37.7	56.5





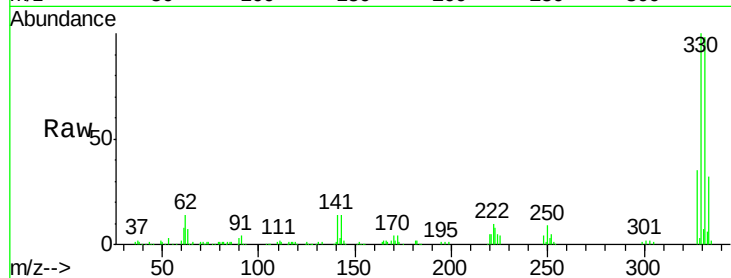
#41
 2,4,6-Tribromophenol
 Concen: 164.78 ng
 RT: 11.63 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF079634.D
 Acq: 31 May 2015 15:46

Instrument :
 BNA_F
 ClientSampleId :
 IA14.2(2)

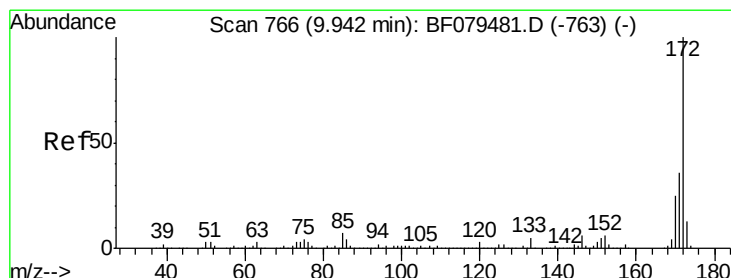
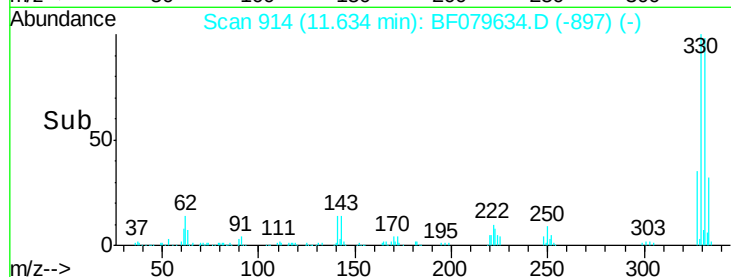
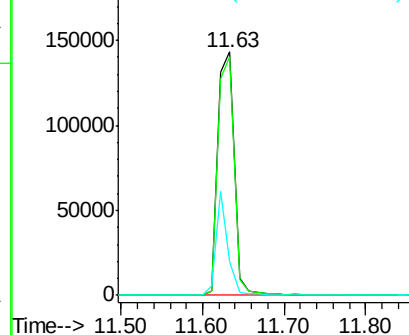
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.6	0.0	0.0#
141	31.1	0.0	0.0#

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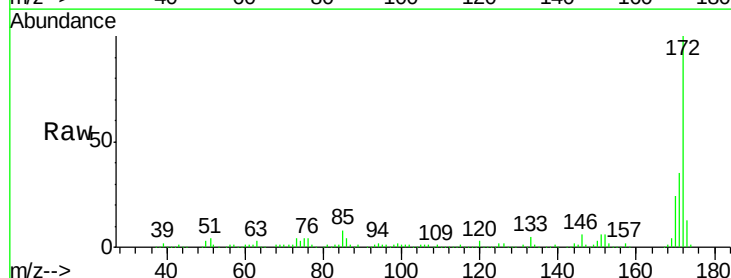


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

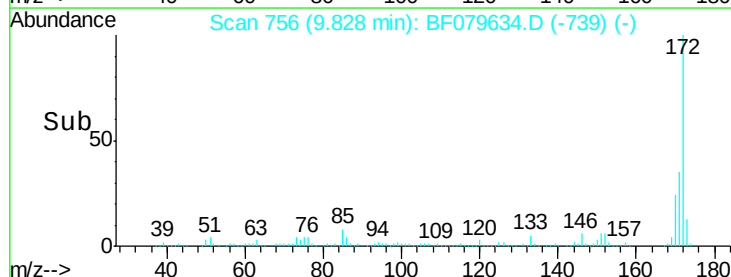
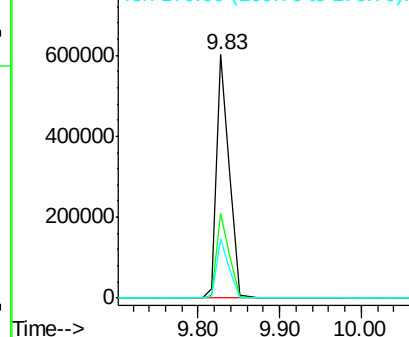


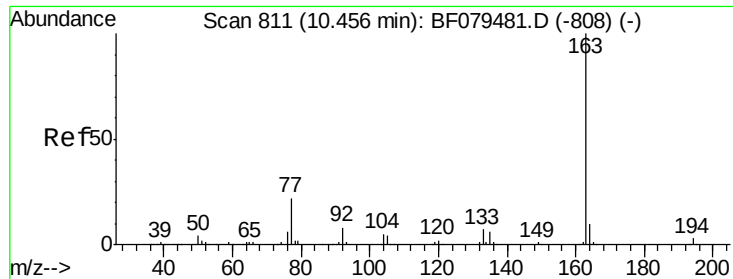
#44
 2-Fluorobiphenyl
 Concen: 83.58 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF079634.D
 Acq: 31 May 2015 15:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.1	28.5	42.7
170	24.2	19.7	29.5



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





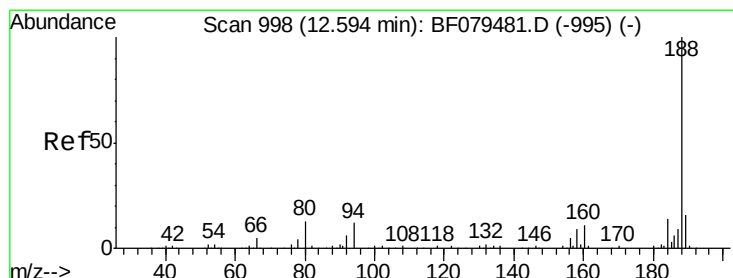
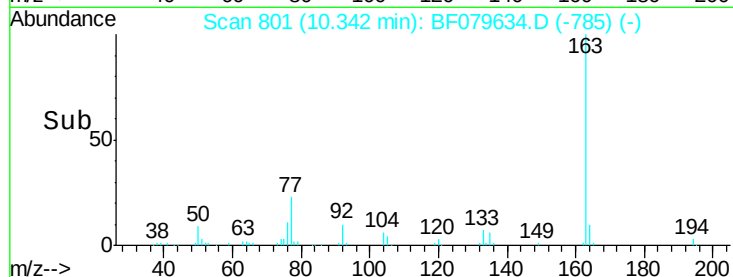
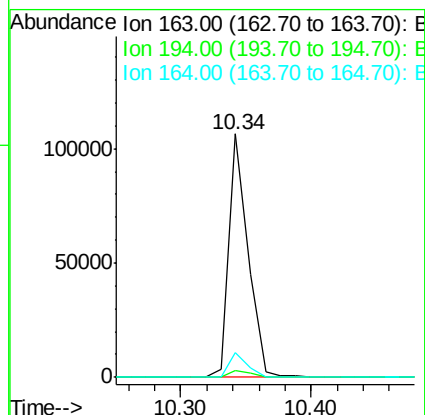
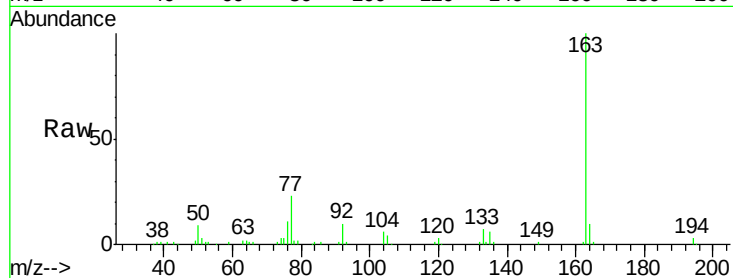
#49
Dimethylphthalate
Concen: 13.26 ng
RT: 10.34 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF079634.D
Acq: 31 May 2015 15:46

Instrument :
BNA_F
ClientSampleId :
IA14.2(2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.4	3.6
164	10.3	8.2	12.4

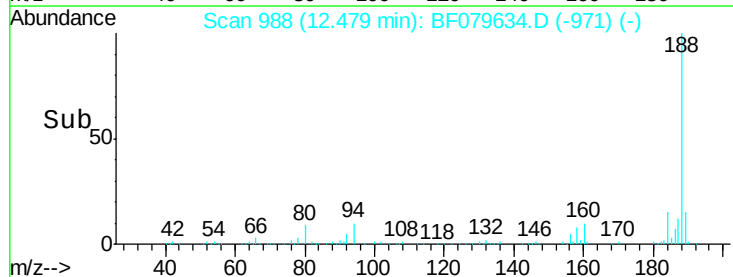
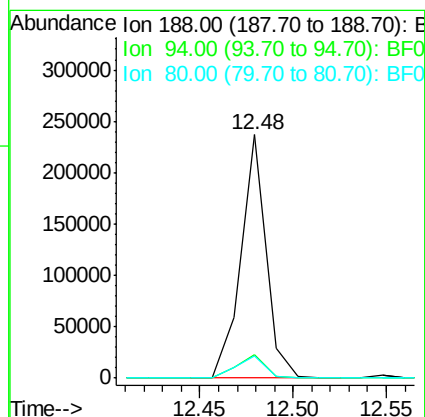
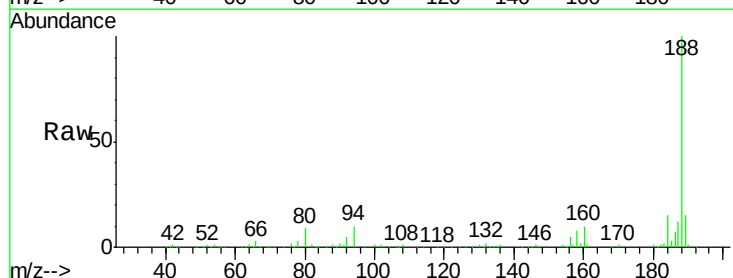
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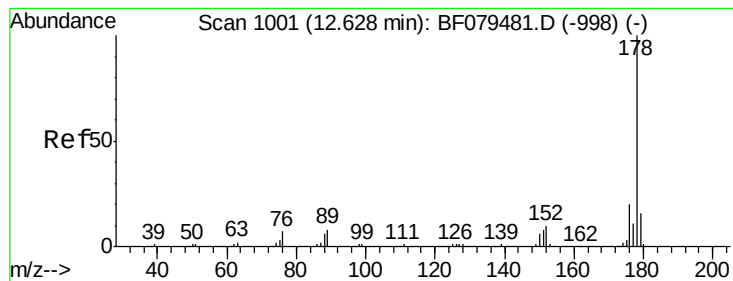
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.48 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF079634.D
Acq: 31 May 2015 15:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	9.8	14.6#
80	9.1	10.5	15.7#





#70

Phenanthrene

Concen: 6.82 ng

RT: 12.50 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF079634.D

Acq: 31 May 2015 15:46

Instrument :

BNA_F

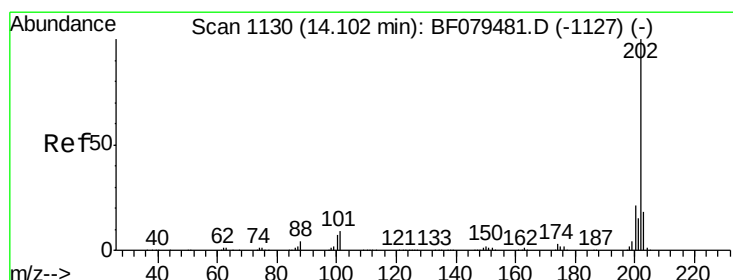
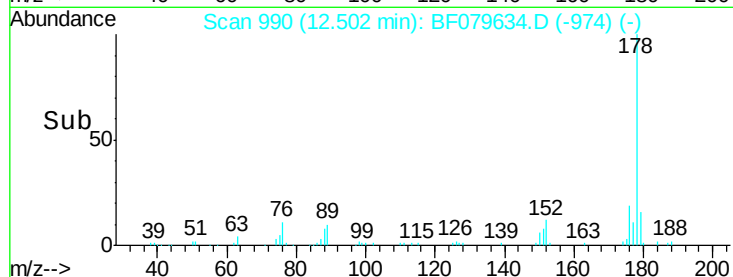
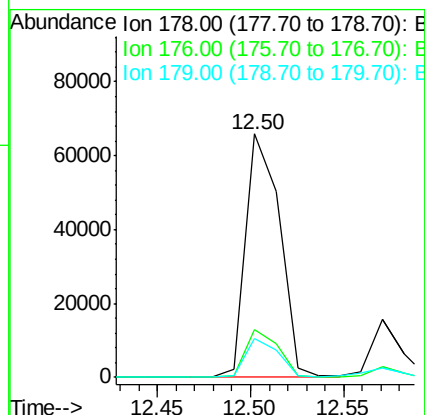
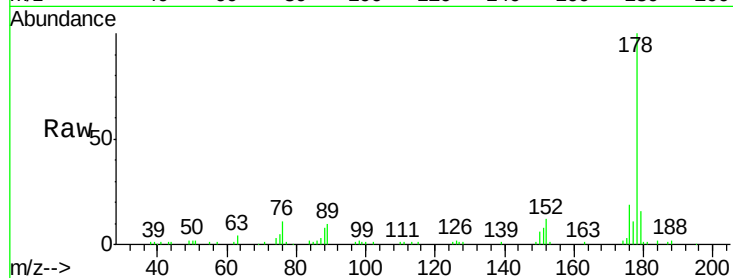
ClientSampleId :

IA14.2(2)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.9	12.4	18.6

Manual Integrations
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#74

Fluoranthene

Concen: 7.69 ng

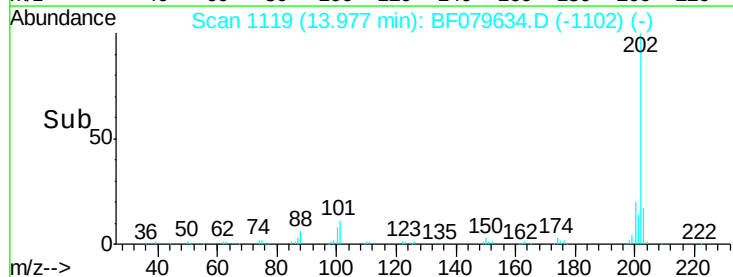
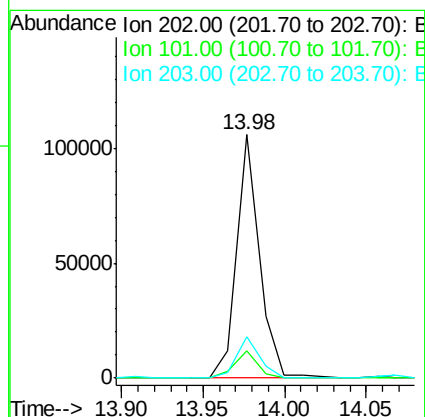
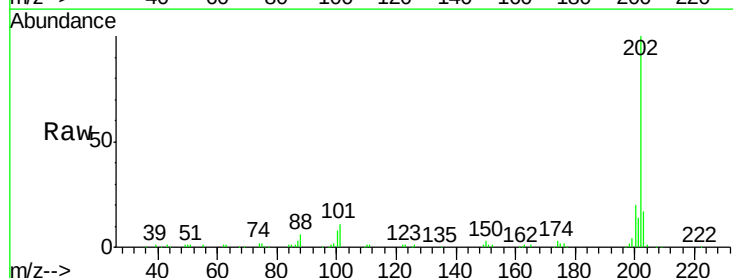
RT: 13.98 min Scan# 1119

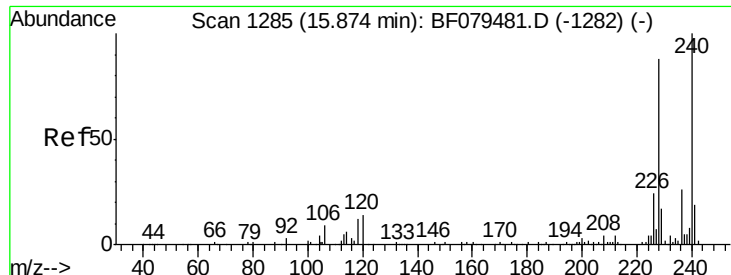
Delta R.T. -0.00 min

Lab File: BF079634.D

Acq: 31 May 2015 15:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	29.3
203	16.9	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.75 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF079634.D

Acq: 31 May 2015 15:46

Instrument :

BNA_F

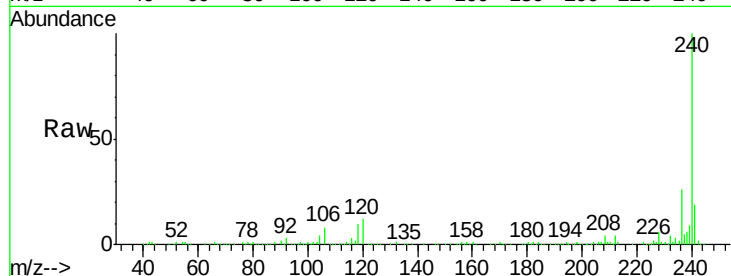
ClientSampleId :

IA14.2(2)

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	231007		
120	12.3	10.8	16.2	
236	25.9	21.0	31.6	

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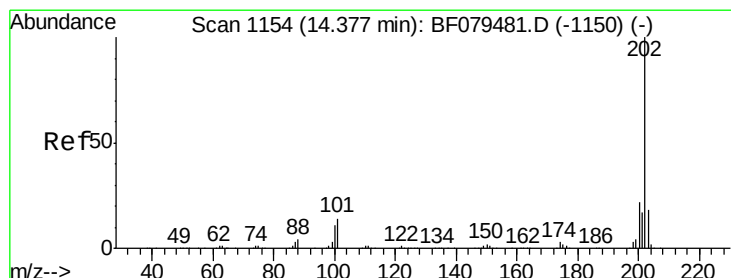
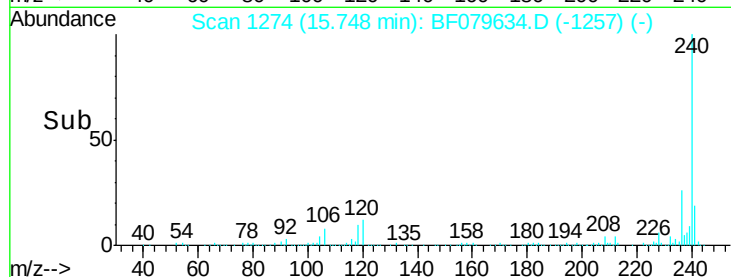
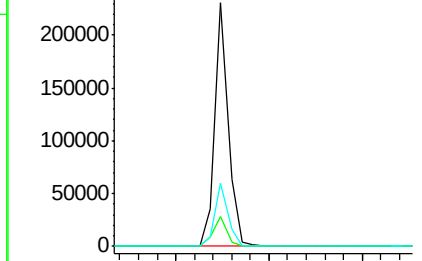
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 6.15 ng

RT: 14.25 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF079634.D

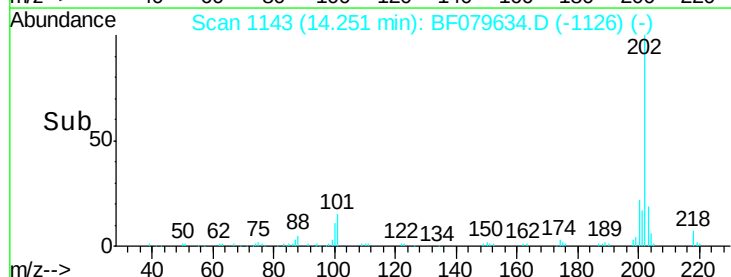
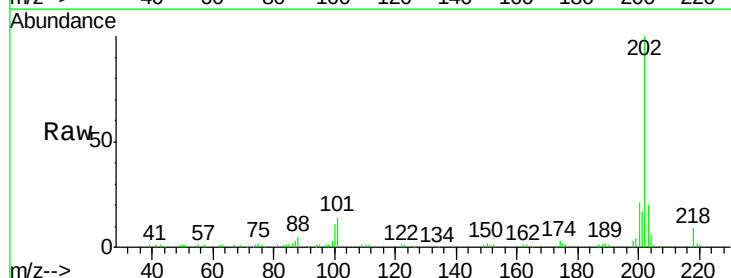
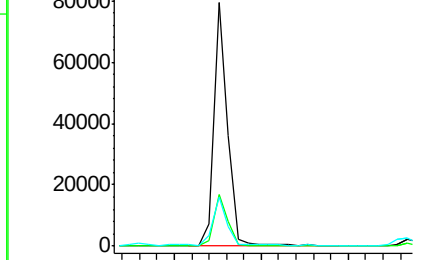
Acq: 31 May 2015 15:46

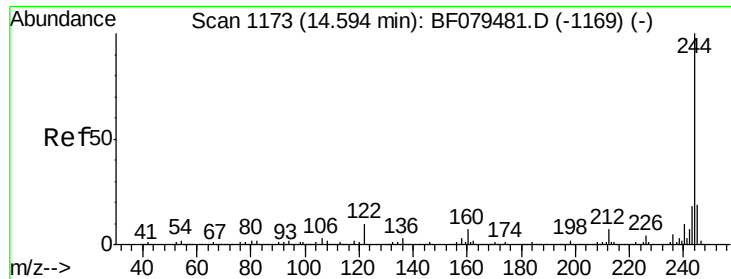
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	88033		
200	21.4	17.5	26.3	
203	20.2	14.4	21.6	

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.76 ng

RT: 14.47 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF079634.D

Acq: 31 May 2015 15:46

Instrument :

BNA_F

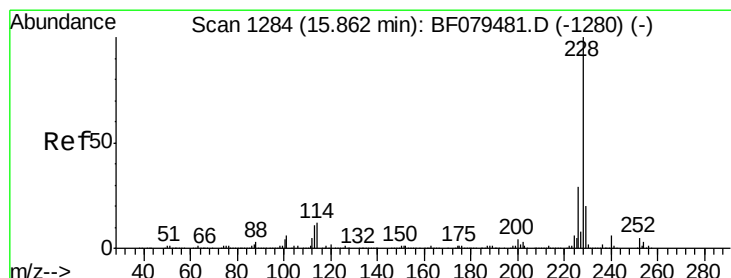
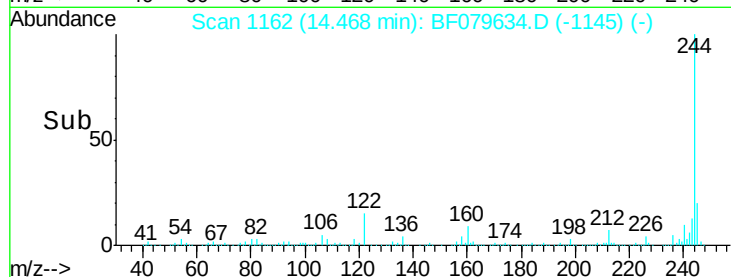
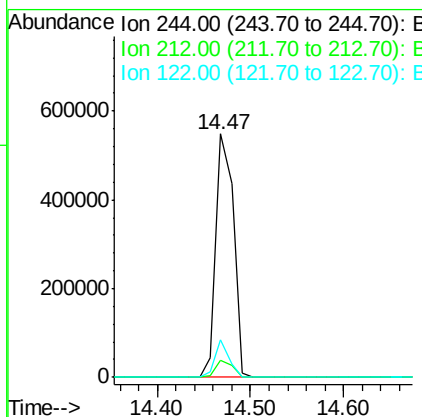
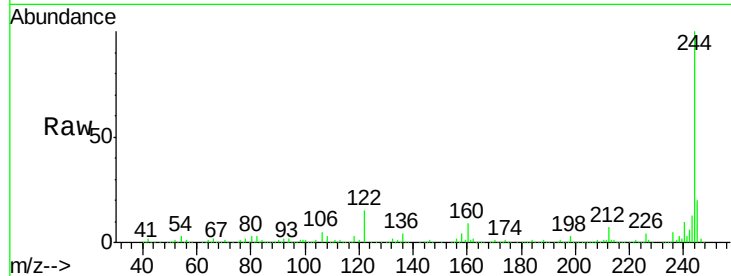
ClientSampleId :

IA14.2(2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	5.2	7.8
122	15.3	8.0	12.0

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#80

Benzo(a)anthracene

Concen: 3.81 ng

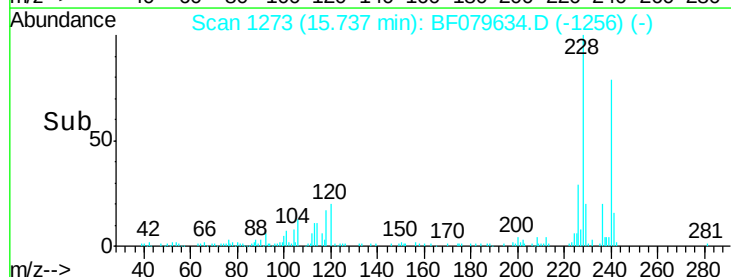
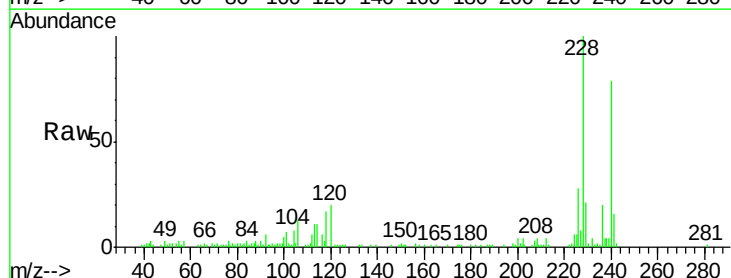
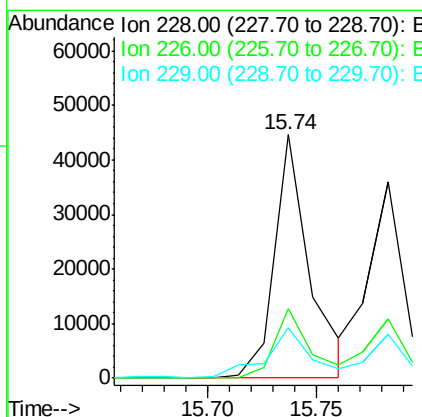
RT: 15.74 min Scan# 1273

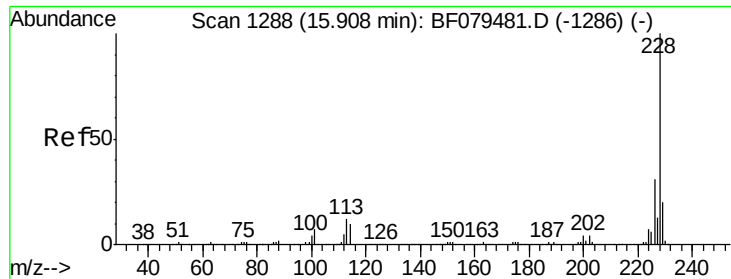
Delta R.T. -0.00 min

Lab File: BF079634.D

Acq: 31 May 2015 15:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.4	22.8	34.2
229	20.5	15.9	23.9





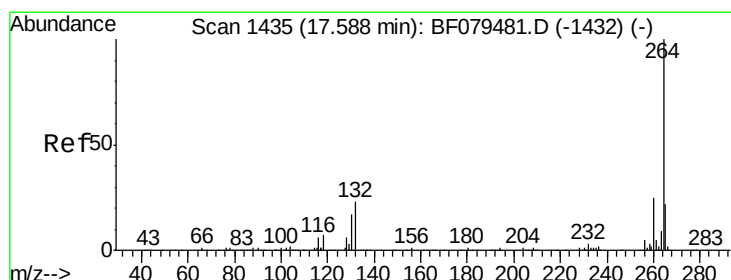
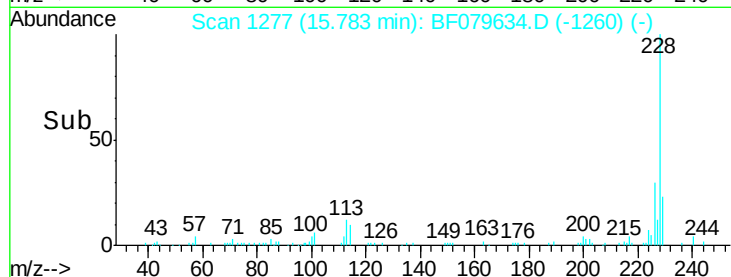
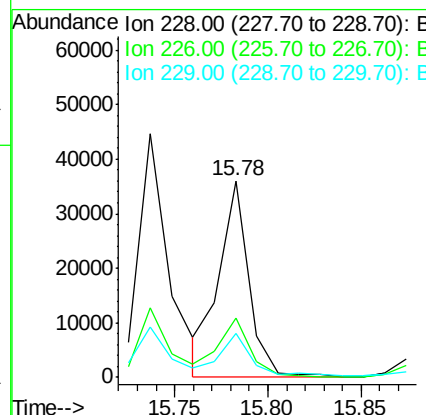
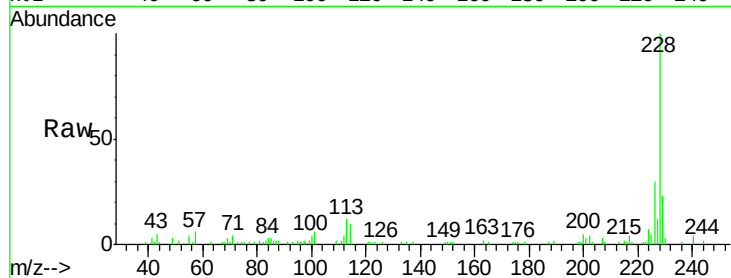
#82
Chrysene
Concen: 3.22 ng
RT: 15.78 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF079634.D
Acq: 31 May 2015 15:46

Instrument :
BNA_F
ClientSampleId :
IA14.2(2)

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	40729		
226	30.2	25.0	37.4	
229	22.6	15.9	23.9	

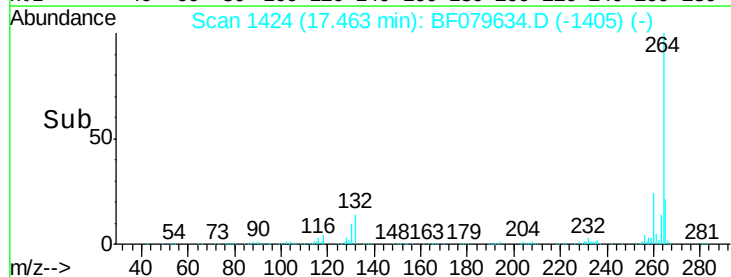
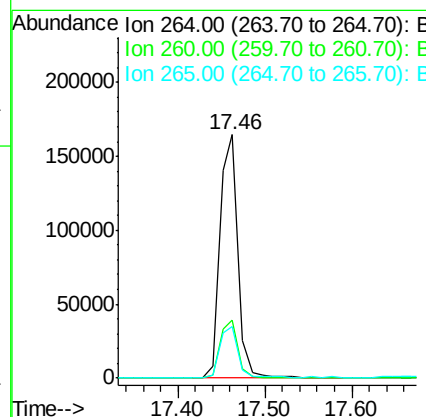
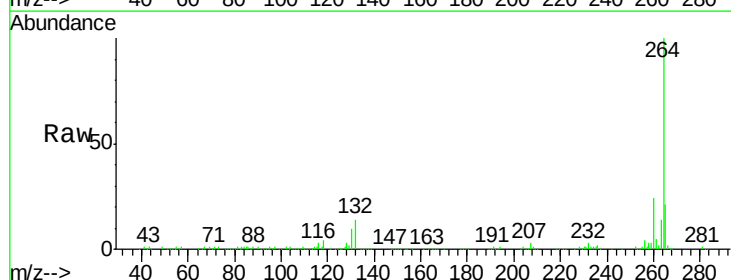
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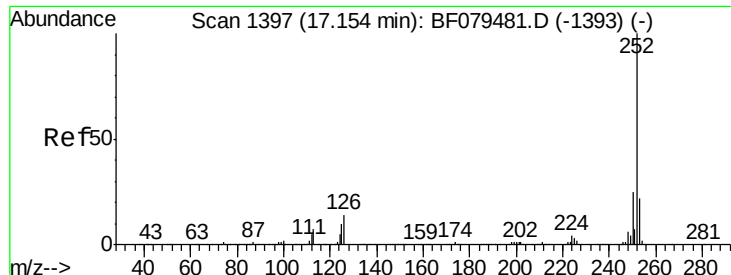
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.46 min Scan# 1424
Delta R.T. 0.02 min
Lab File: BF079634.D
Acq: 31 May 2015 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	240758		
260	23.7	19.8	29.8	
265	21.1	17.8	26.6	





#87
 Benzo(b)fluoranthene
 Concen: 4.01 ng m
 RT: 17.03 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF079634.D
 Acq: 31 May 2015 15:46

Instrument :
 BNA_F
 ClientSampleId :
 IA14.2(2)

Tgt Ion:	252	Resp:	55035
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.6	26.4
125	11.5	7.8	11.6

Manual Integrations
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