

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093394.D
 Acq On : 4 Mar 2017 9:22
 Operator : SJ/MA
 Sample : I2057-16 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 35B-4

Manual Integrations
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Quant Time: Mar 06 00:27:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Mar 05 23:55:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	192370	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	717594	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	312271	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	475138	20.00	ng	0.00
75) Chrysene-d12	13.95	240	356900	20.00	ng	0.00
86) Perylene-d12	15.37	264	289611	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	203780	18.17	ng	0.01
7) Phenol-d6	6.43	99	317526	22.01	ng	-0.01
23) Nitrobenzene-d5	7.36	82	179445	13.93	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	27517	12.18	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	311018	18.04	ng	0.00
78) Terphenyl-d14	12.89	244	187824	12.37	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	46837	2.23	ng	100
70) Phenanthrene	11.33	178	93919	3.45	ng	99
74) Fluoranthene	12.52	202	128387	4.57	ng	97
77) Pyrene	12.75	202	102181	3.83	ng	100
79) Butylbenzylphthalate	13.37	149	350662	32.33	ng	# 80
80) Benzo(a)anthracene	13.94	228	52619m	2.41	ng	
82) Chrysene	13.97	228	51149m	2.50	ng	
87) Benzo(b)fluoranthene	14.97	252	60656m	3.18	ng	
89) Benzo(a)pyrene	15.31	252	41611	2.52	ng	# 61

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

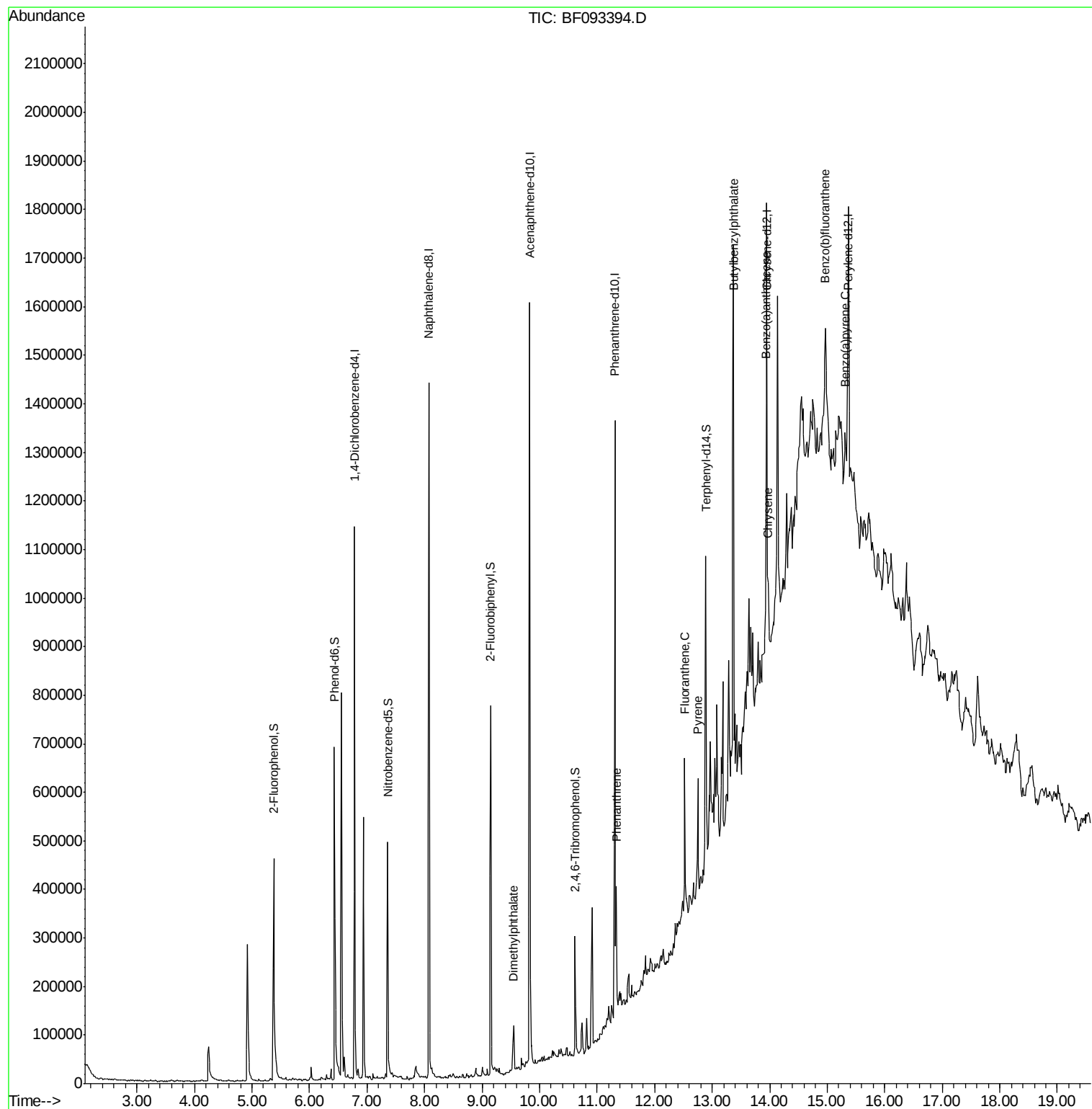
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093394.D
Acq On : 4 Mar 2017 9:22
Operator : SJ/MA
Sample : I2057-16 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

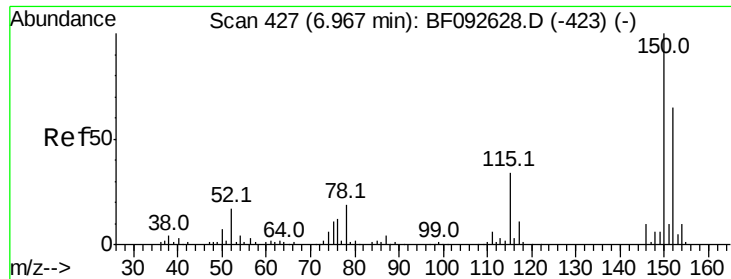
Instrument :
BNA_F
ClientSampleId :
35B-4

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Quant Time: Mar 06 00:27:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Mar 05 23:55:48 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF093394.D

Acq: 4 Mar 2017 9:22

Instrument :

BNA_F

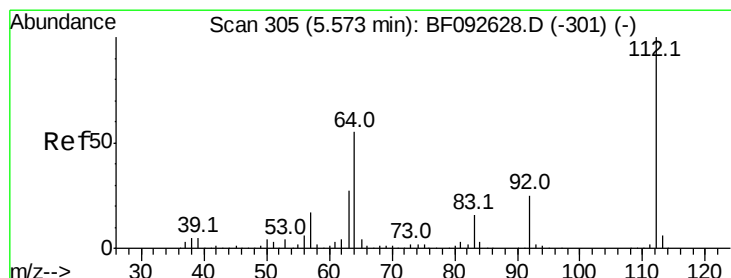
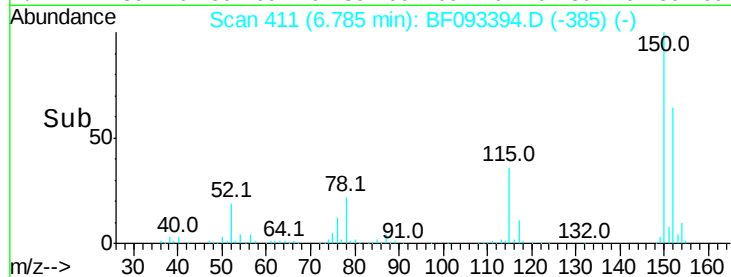
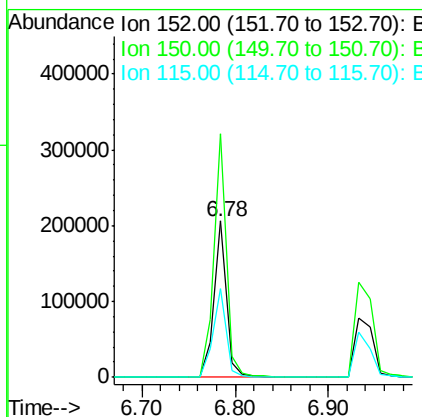
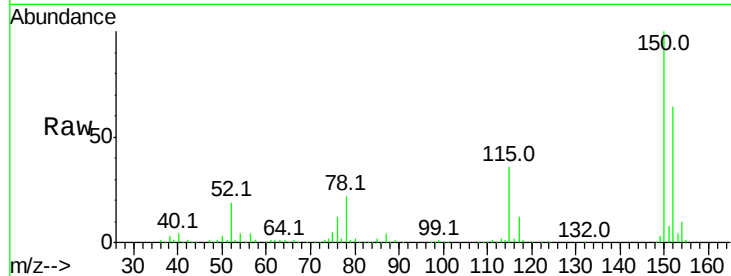
ClientSampleId :

35B-4

Tot Ion:	152	Resp:	192370
Ion Ratio	Lower	Upper	
152	100		
150	155.6	124.9	187.3
115	56.5	46.0	69.0

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#5

2-Fluorophenol

Concen: 18.17 ng

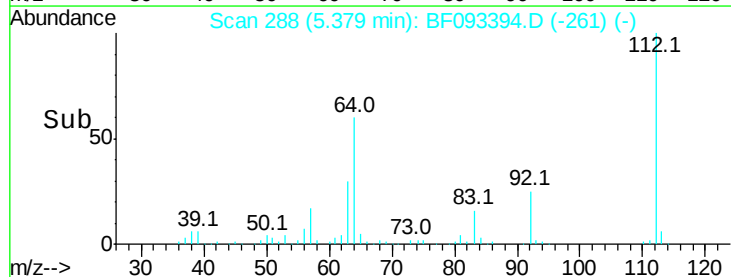
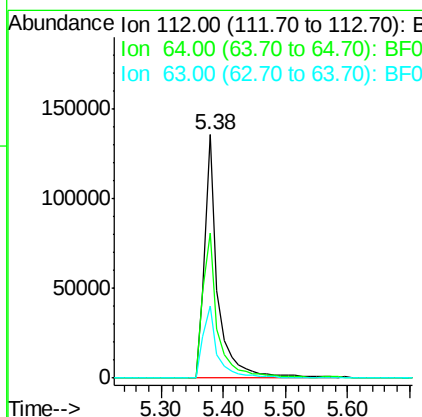
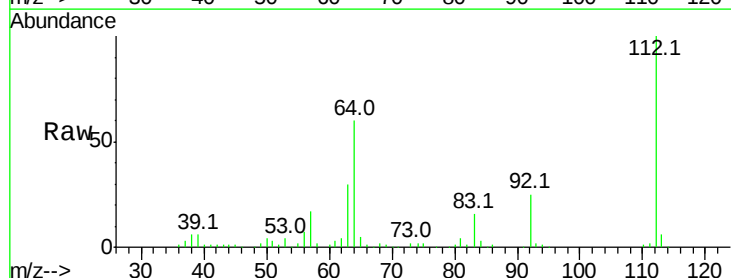
RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF093394.D

Acq: 4 Mar 2017 9:22

Tgt Ion:	112	Resp:	203780
Ion Ratio	Lower	Upper	
112	100		
64	59.8	46.1	69.1
63	29.8	23.8	35.6





#7

Phenol-d6

Concen: 22.01 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF093394.D

Acq: 4 Mar 2017 9:22

Instrument :

BNA_F

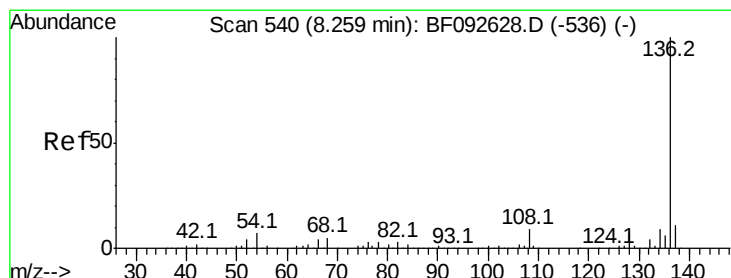
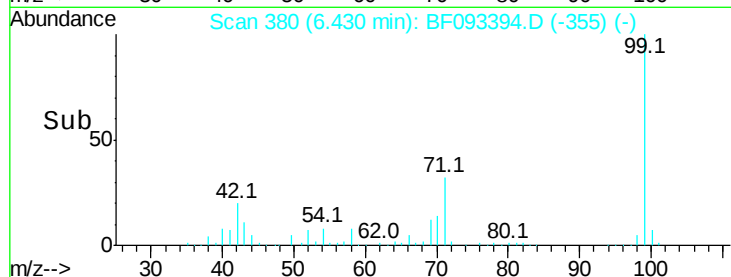
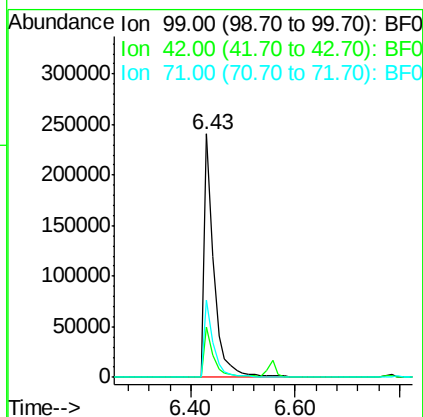
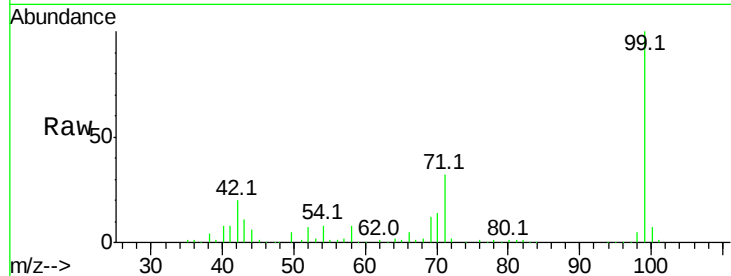
ClientSampleId :

35B-4

Tot Ion:	99	Resp:	317526
Ion Ratio	Lower	Upper	
99	100		
42	20.5	15.6	23.4
71	31.7	27.5	41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

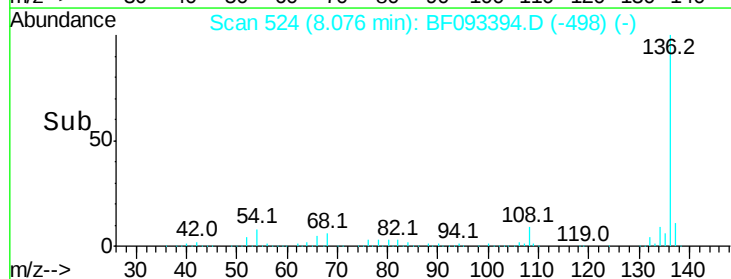
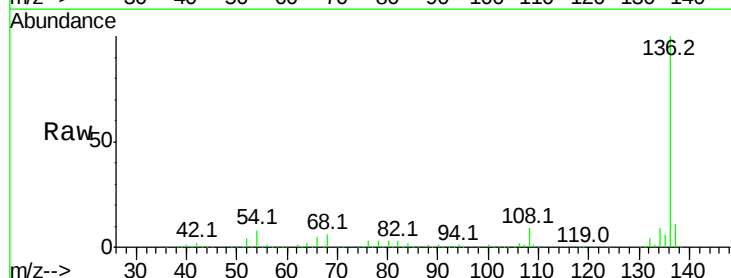
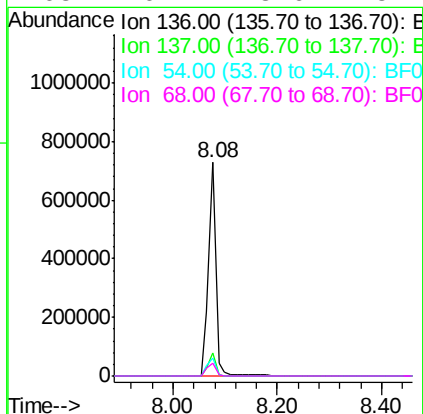
RT: 8.08 min Scan# 524

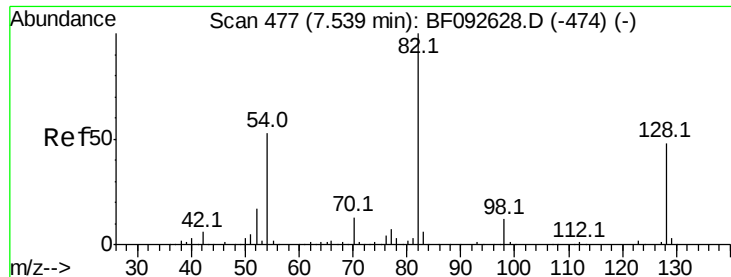
Delta R.T. 0.00 min

Lab File: BF093394.D

Acq: 4 Mar 2017 9:22

Tgt Ion:	136	Resp:	717594
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.4	12.6
54	8.4	4.5	6.7#
68	6.1	3.6	5.4#





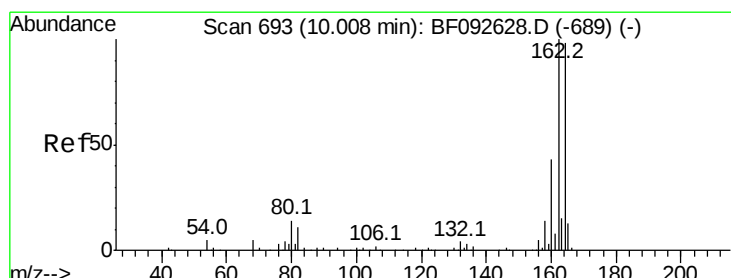
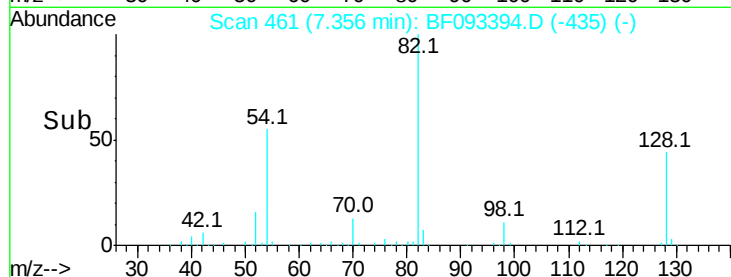
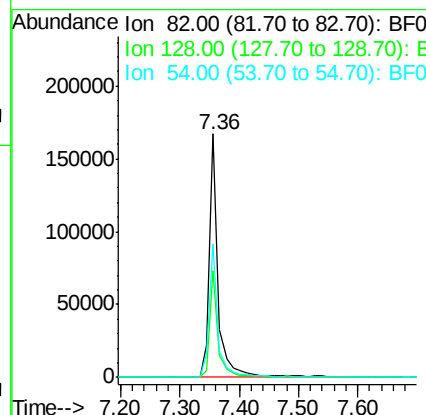
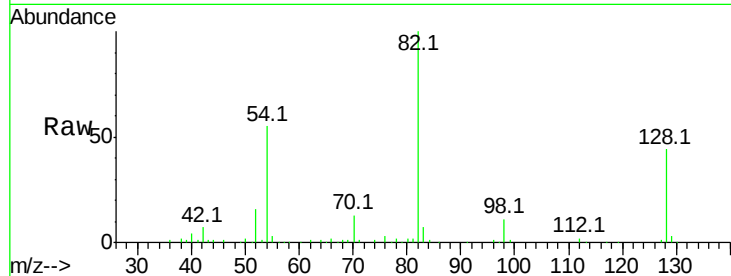
#23
 Nitrobenzene-d5
 Concen: 13.93 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF093394.D
 Acq: 4 Mar 2017 9:22

Instrument :
 BNA_F
 ClientSampled :
 35B-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	52.0
54	54.8	39.5	59.3

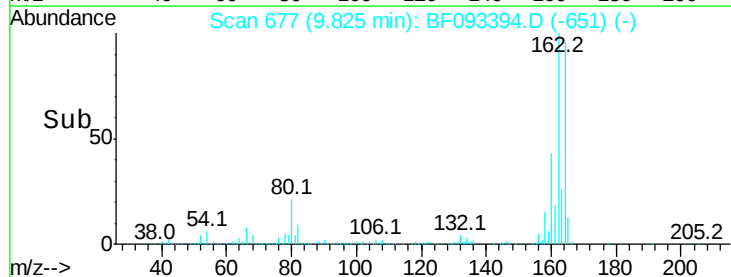
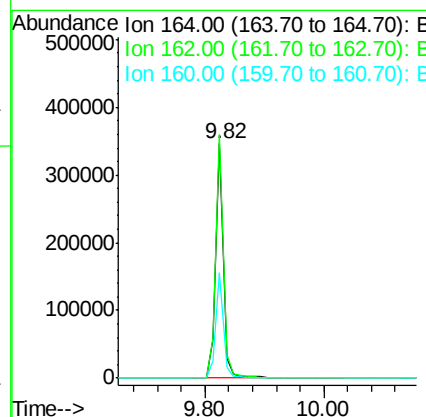
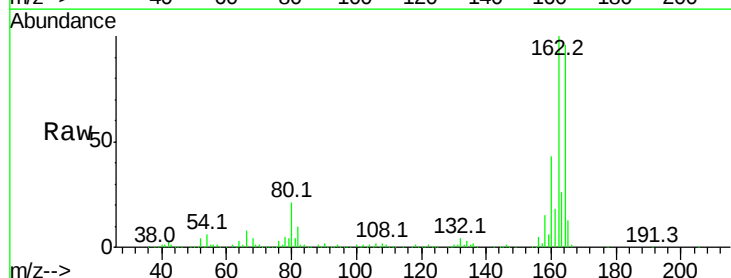
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF093394.D
 Acq: 4 Mar 2017 9:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.2	120.2
160	44.8	36.9	55.3





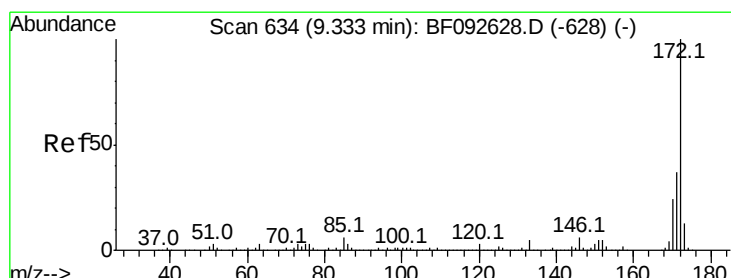
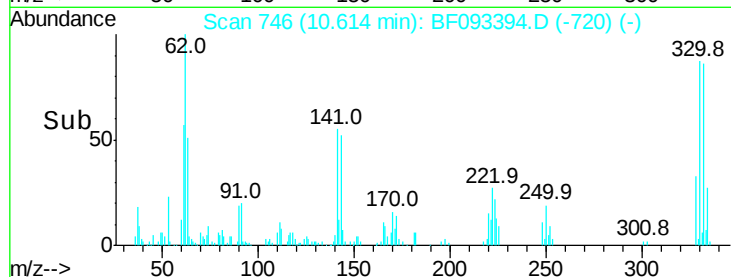
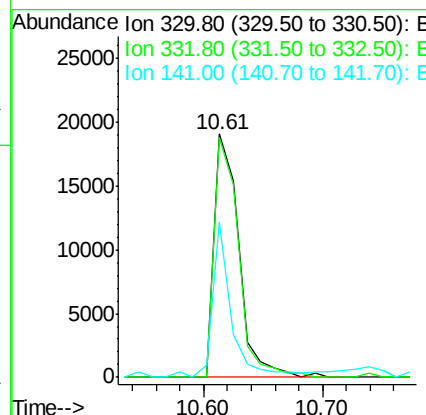
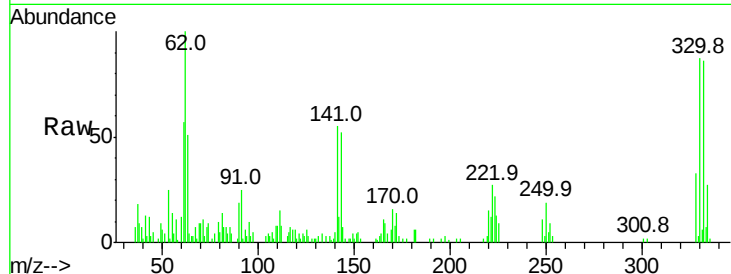
#41
 2,4,6-Tribromophenol
 Concen: 12.18 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF093394.D
 Acq: 4 Mar 2017 9:22

Instrument :
 BNA_F
 ClientSampled :
 35B-4

Tot Ion	Ratio	Resp	Lower	Upper
330	100	27517		
332	97.0		77.4	116.2
141	48.9		34.1	51.1

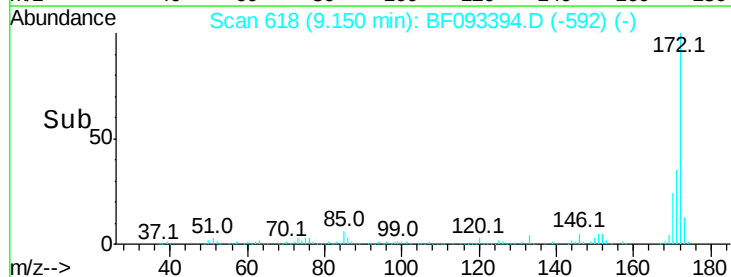
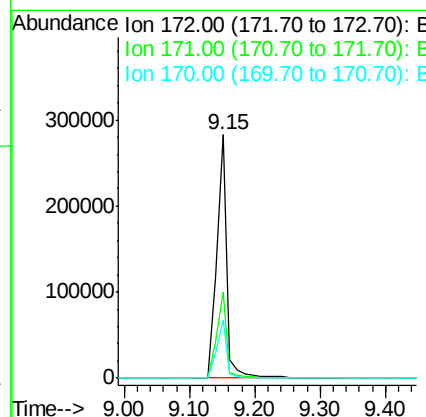
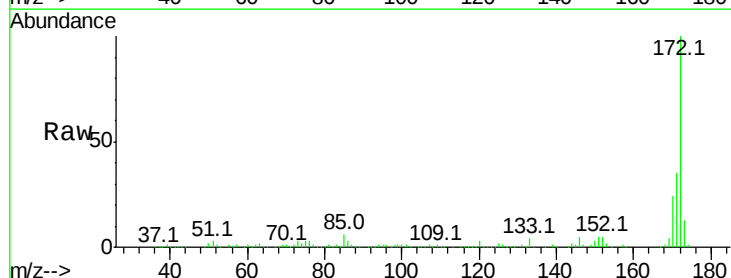
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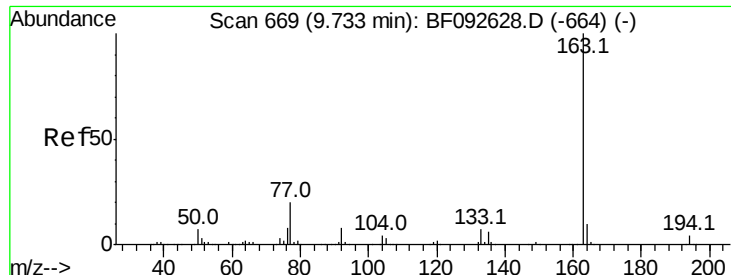
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#44
 2-Fluorobiphenyl
 Concen: 18.04 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF093394.D
 Acq: 4 Mar 2017 9:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	311018		
171	35.2		29.4	44.0
170	23.9		20.2	30.4





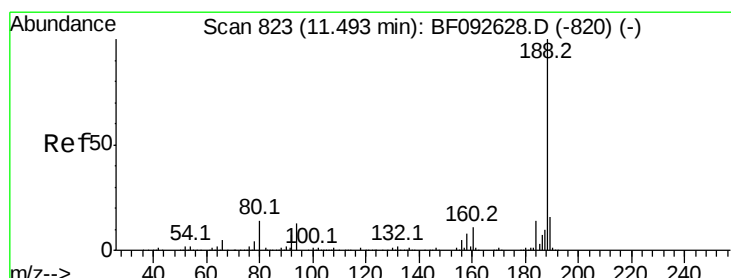
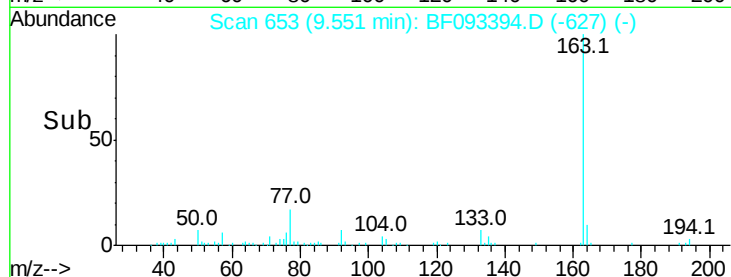
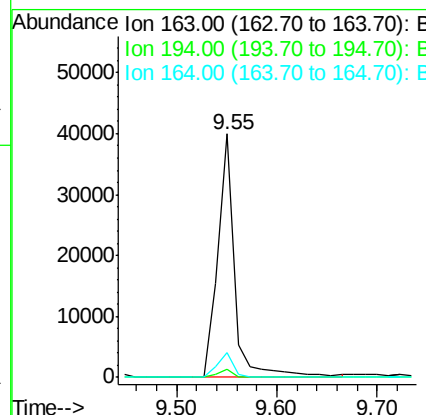
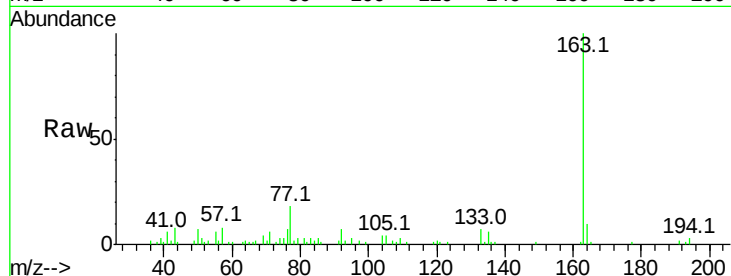
#49
Dimethylphthalate
Concen: 2.23 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF093394.D
Acq: 4 Mar 2017 9:22

Instrument :
BNA_F
ClientSampled :
35B-4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	46837		
194	3.4		3.0	4.4
164	10.0		8.0	12.0

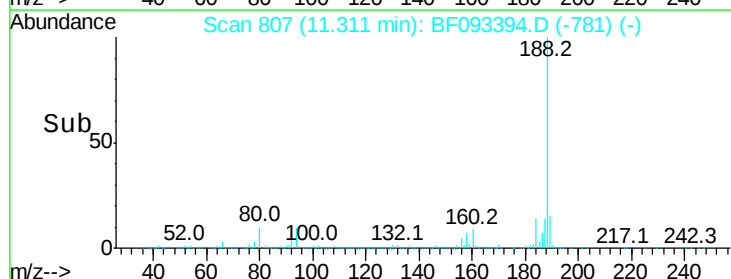
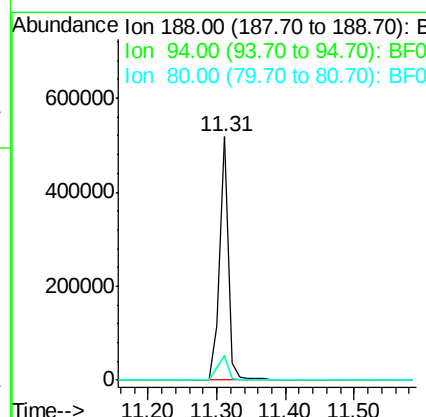
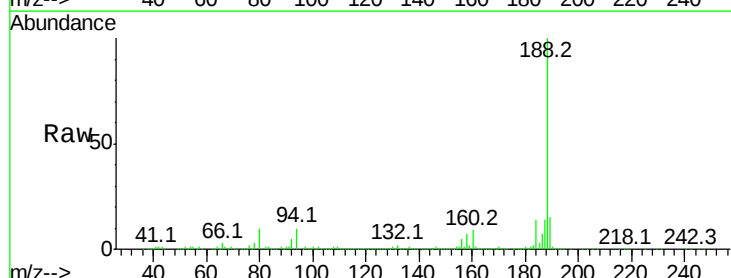
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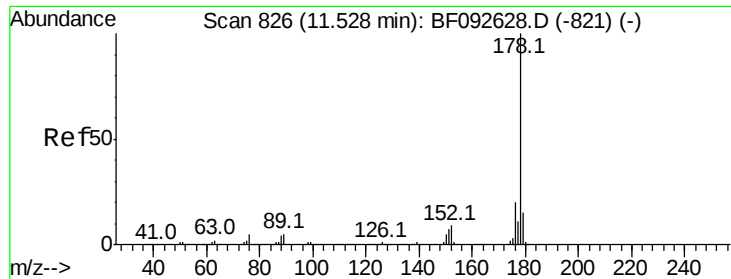
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF093394.D
Acq: 4 Mar 2017 9:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	475138		
94	9.9		10.0	15.0#
80	9.7		11.2	16.8#





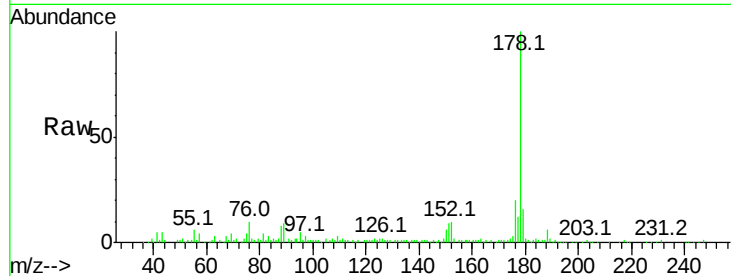
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Phenanthrene
Concen: 3.45 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF093394.D
Acq: 4 Mar 2017 9:22

Instrument :
BNA_F
ClientSampled :
35B-4

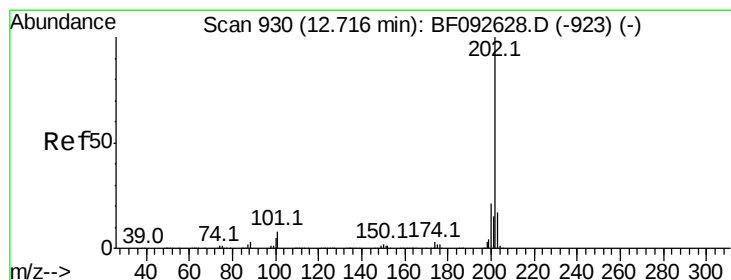
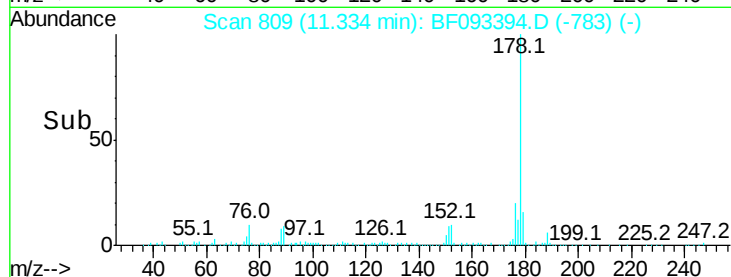
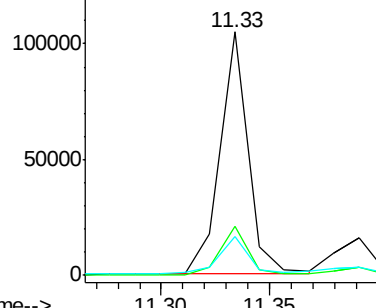
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.9	12.8	19.2

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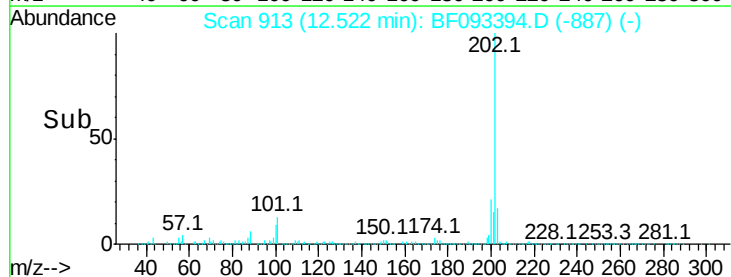
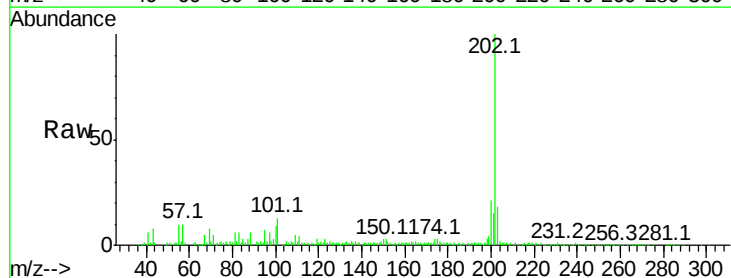
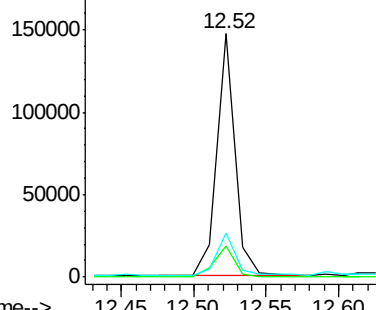
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

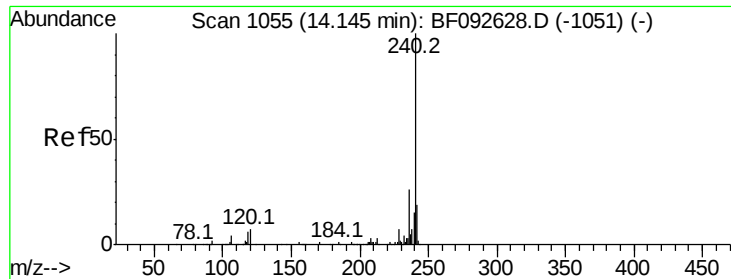


#74
Fluoranthene
Concen: 4.57 ng
RT: 12.52 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF093394.D
Acq: 4 Mar 2017 9:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.6
203	17.8	0.0	38.7

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF093394.D

Acq: 4 Mar 2017 9:22

Instrument :

BNA_F

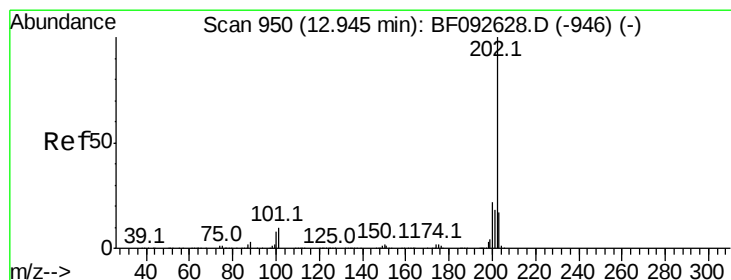
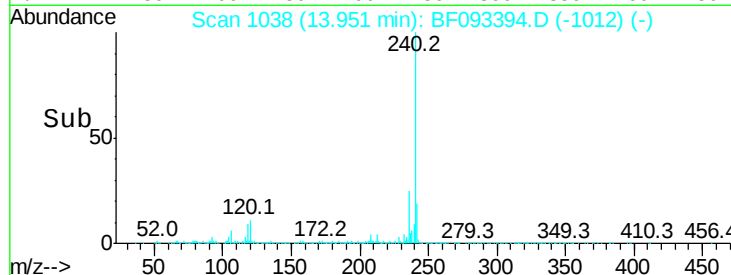
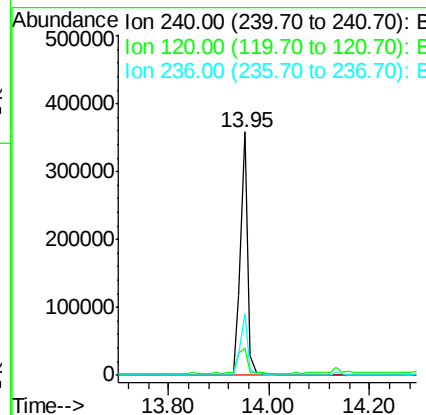
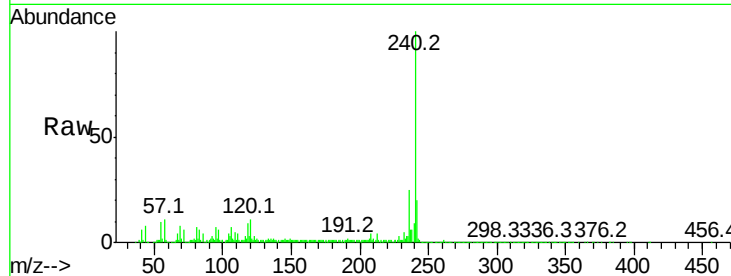
ClientSampleId :

35B-4

Tot Ion:	240	Resp:	356900
Ion Ratio	Lower	Upper	
240	100		
120	11.4	12.9	19.3#
236	25.3	20.9	31.3

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#77

Pyrene

Concen: 3.83 ng

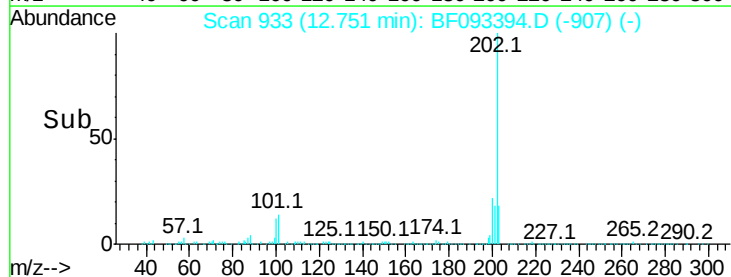
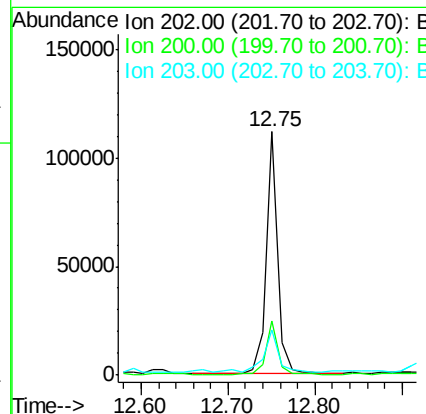
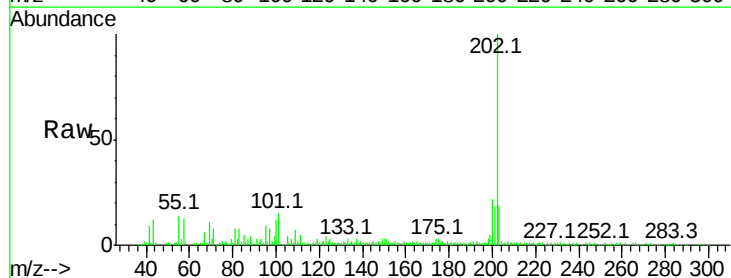
RT: 12.75 min Scan# 933

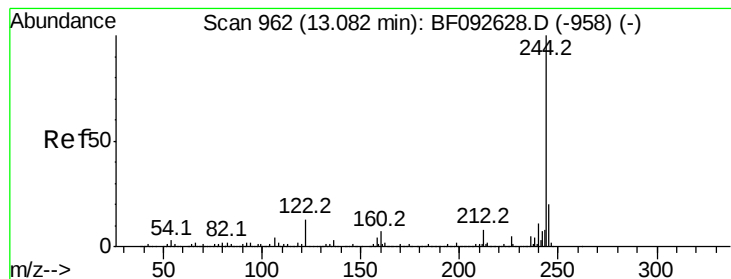
Delta R.T. 0.00 min

Lab File: BF093394.D

Acq: 4 Mar 2017 9:22

Tgt Ion:	202	Resp:	102181
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.7	26.5
203	18.8	14.7	22.1





#78

Terphenyl-d14

Concen: 12.37 ng

RT: 12.89 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF093394.D

Acq: 4 Mar 2017 9:22

Instrument :

BNA_F

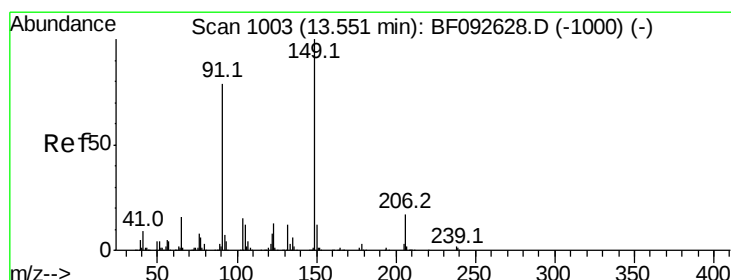
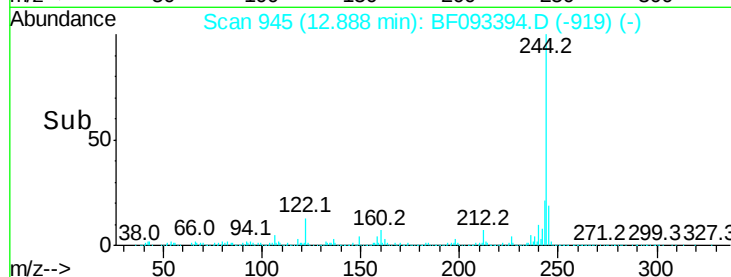
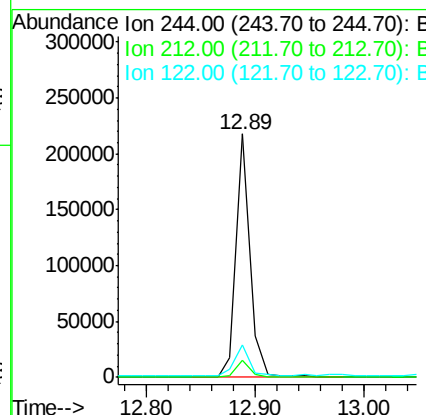
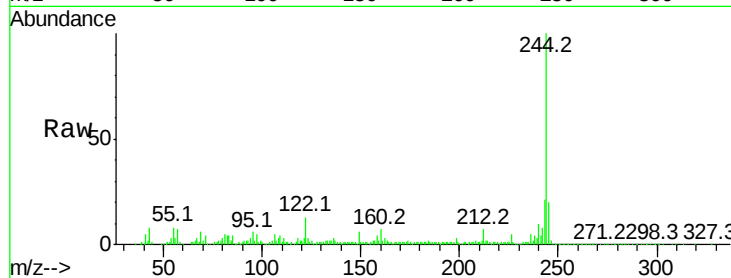
ClientSampled :

35B-4

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	13.2	11.4	17.2

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 32.33 ng

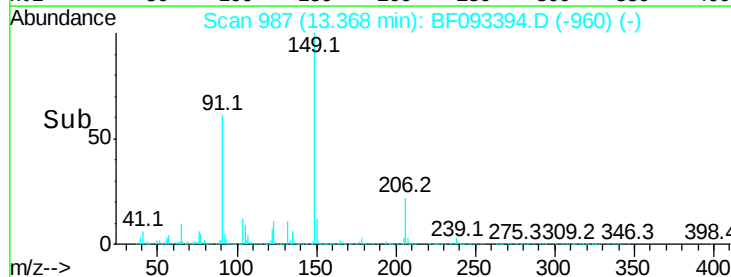
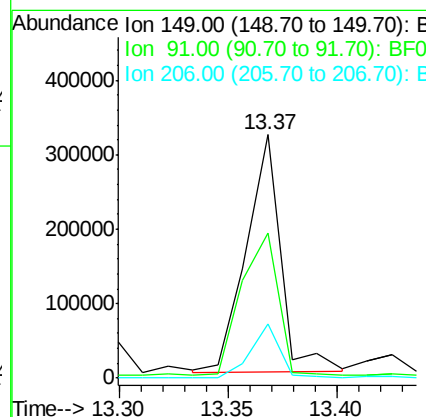
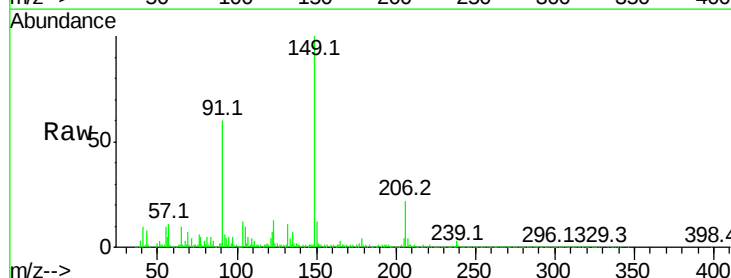
RT: 13.37 min Scan# 987

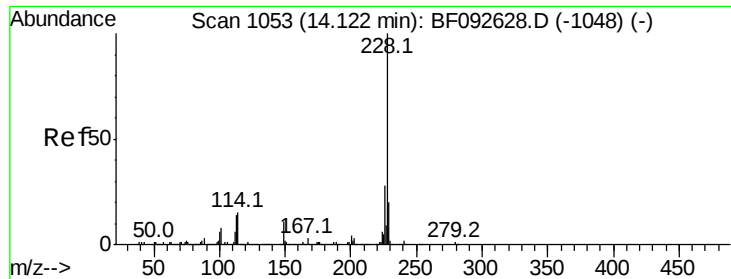
Delta R.T. 0.01 min

Lab File: BF093394.D

Acq: 4 Mar 2017 9:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	59.8	63.9	95.9#
206	22.1	14.6	21.8#





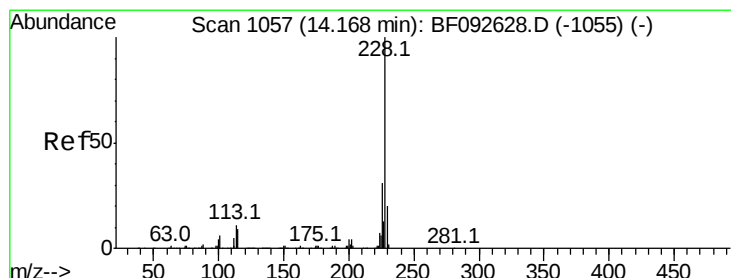
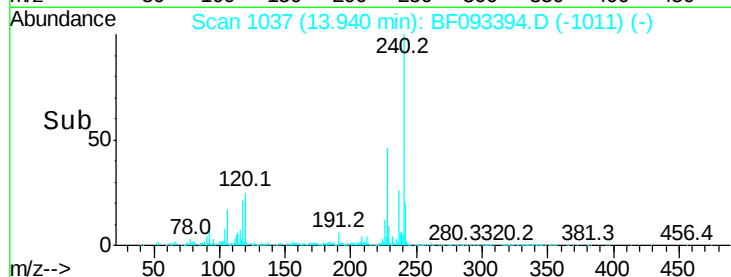
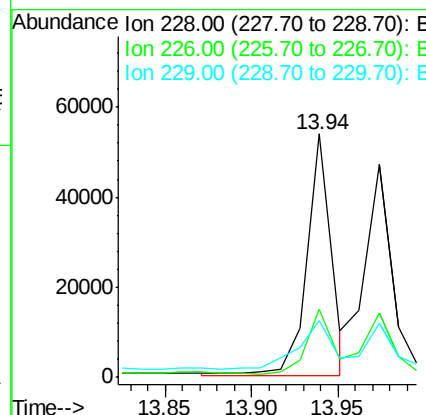
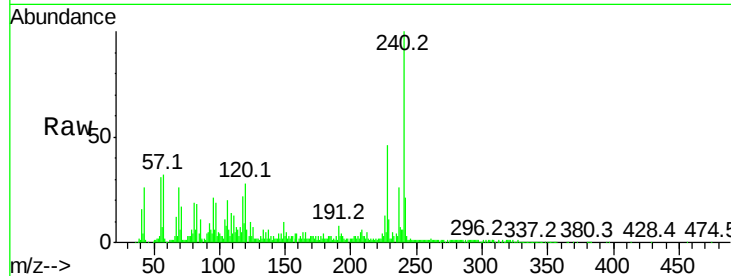
#80
Benzo(a)anthracene
Concen: 2.41 ng m
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF093394.D
Acq: 4 Mar 2017 9:22

Instrument :
BNA_F
ClientSampleId :
35B-4

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	23.1	16.2	24.4

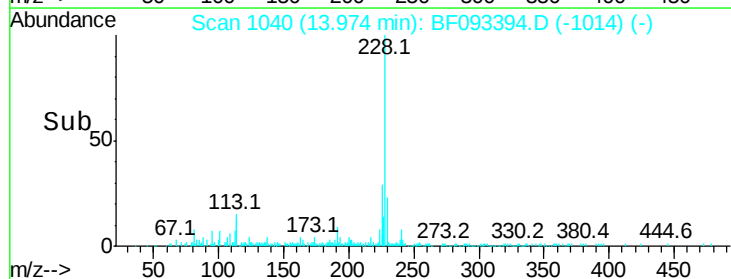
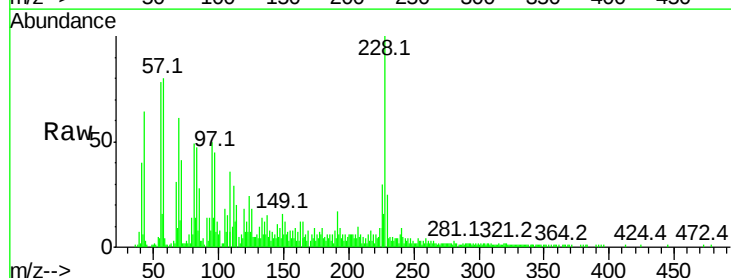
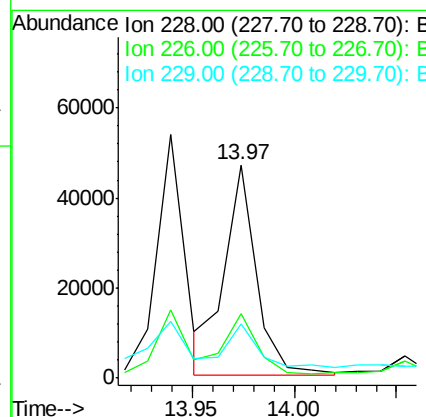
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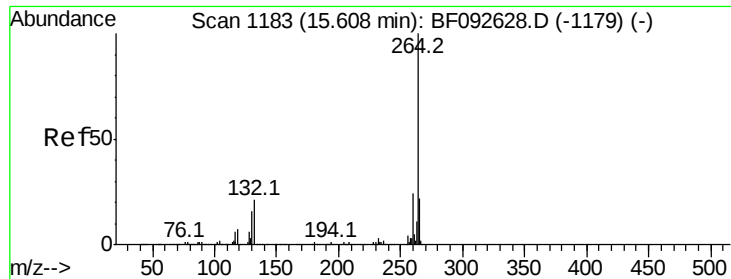
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#82
Chrysene
Concen: 2.50 ng m
RT: 13.97 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF093394.D
Acq: 4 Mar 2017 9:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.0
229	25.4	16.2	24.2





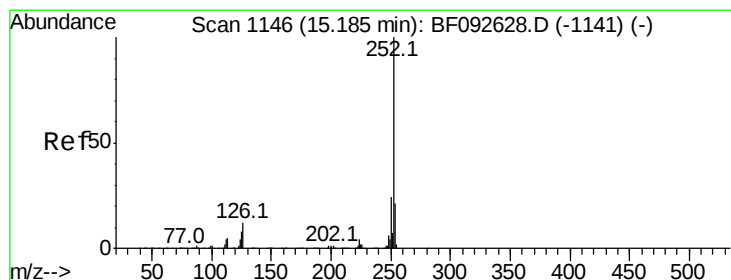
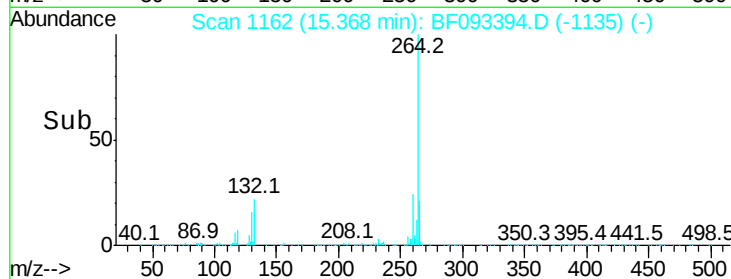
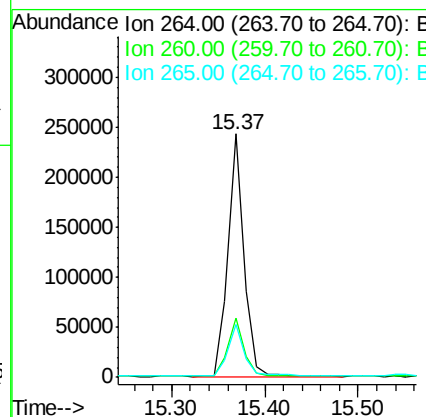
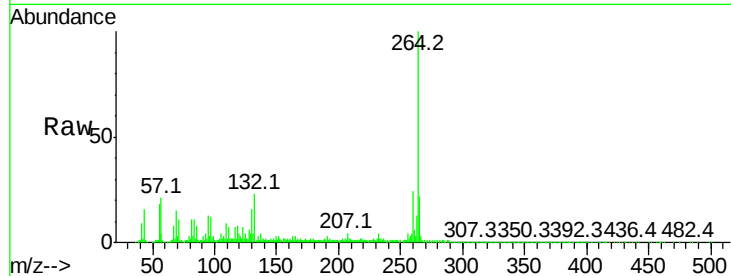
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF093394.D
Acq: 4 Mar 2017 9:22

Instrument :
BNA_F
ClientSampleId :
35B-4

Tot Ion	Ratio	Resp	Lower	Upper
264	100	289611		
260	24.2	19.2	28.8	
265	21.7	17.4	26.0	

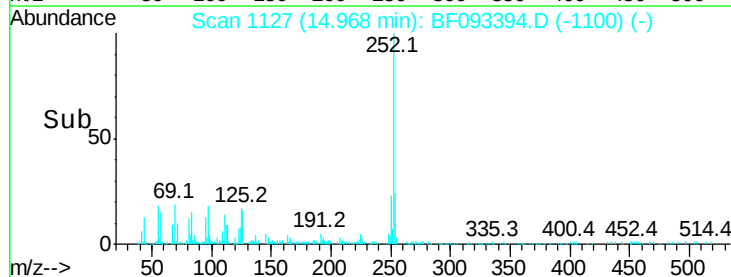
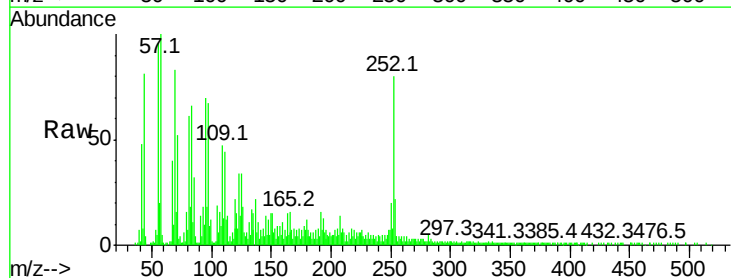
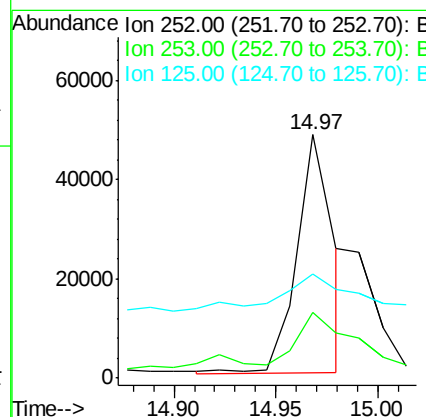
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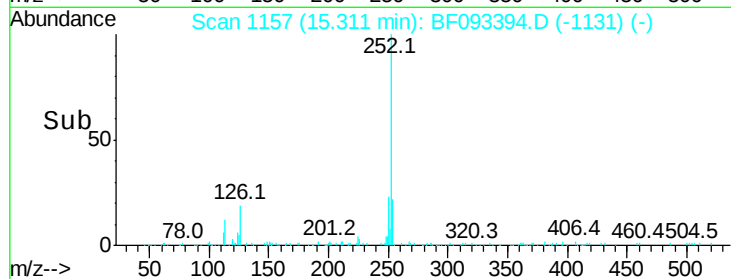
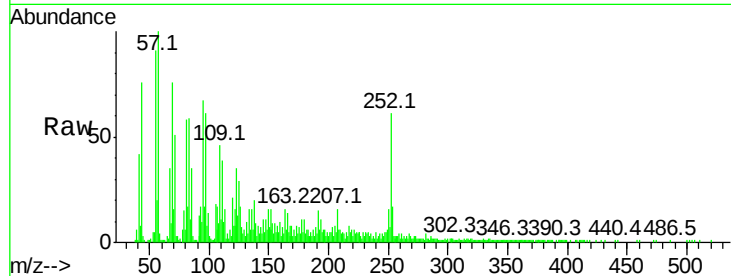
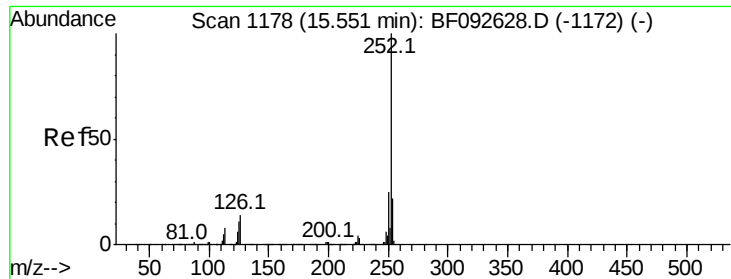
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#87
Benzo(b)fluoranthene
Concen: 3.18 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF093394.D
Acq: 4 Mar 2017 9:22

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	60656		
253	27.1	18.2	27.4	
125	42.7	9.8	14.6#	





#89

Benzo(a)pyrene

Concen: 2.52 ng

RT: 15.31 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF093394.D

Acq: 4 Mar 2017 9:22

Instrument :

BNA_F

ClientSampleId :

35B-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.2	27.2#
125	48.3	10.0	15.0#

Manual Integrations
APPROVED

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