

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102439.D
 Acq On : 25 Jan 2018 22:25
 Operator : SJ/JU
 Sample : J1256-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-E-W-(NW4-8)

Quant Time: Jan 26 01:18:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

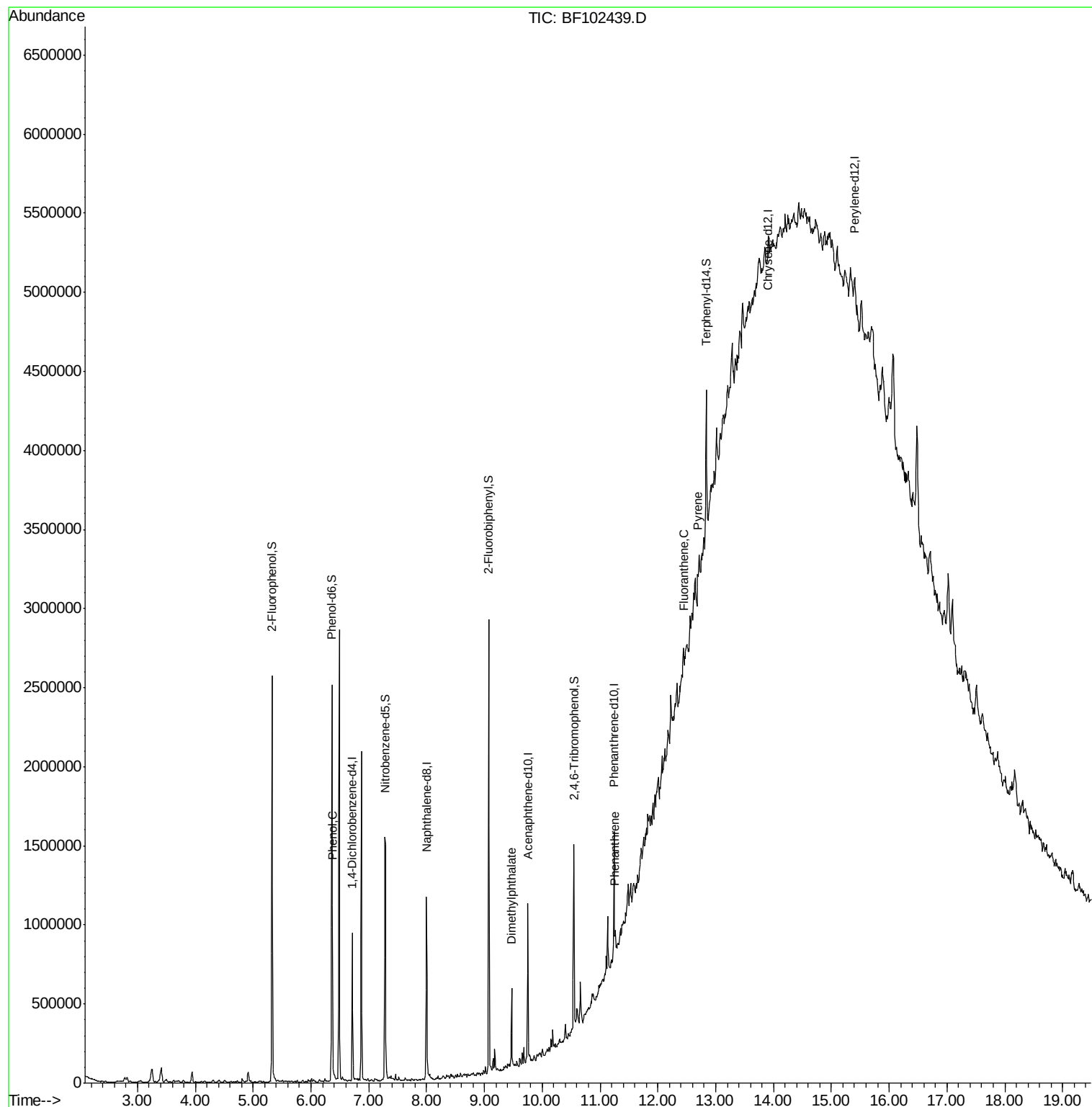
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	127738	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	500433	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	192478	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	267121	20.00	ng	0.00
75) Chrysene-d12	13.92	240	121296	20.00	ng	0.04
86) Perylene-d12	15.40	264	95871	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	746934	88.66	ng	0.00
7) Phenol-d6	6.36	99	894466	88.07	ng	0.00
23) Nitrobenzene-d5	7.28	82	540377	62.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	141665	74.28	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	891069	68.07	ng	0.00
78) Terphenyl-d14	12.84	244	492740	91.58	ng	0.01
Target Compounds						
10) Phenol	6.37	94	47403	4.275	ng	99
49) Dimethylphthalate	9.47	163	163446	10.273	ng	99
70) Phenanthrene	11.26	178	53946	3.466	ng	96
74) Fluoranthene	12.46	202	53899	3.396	ng	85
77) Pyrene	12.69	202	53805	5.737	ng	# 87

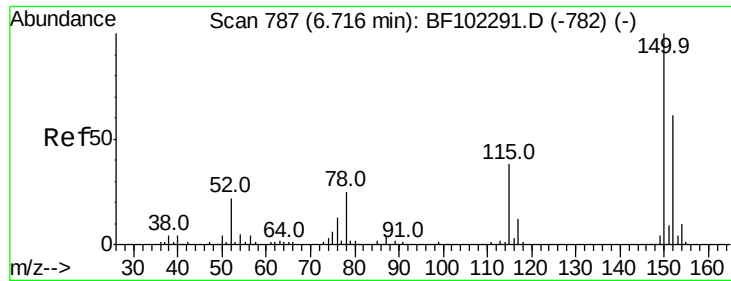
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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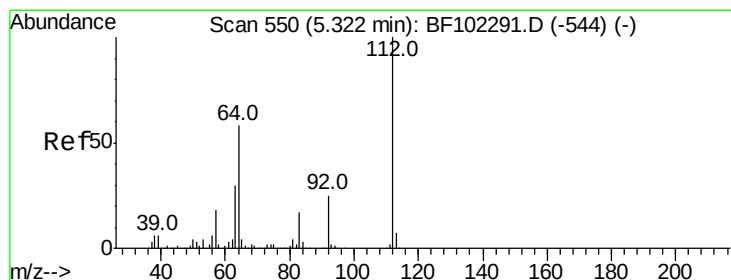
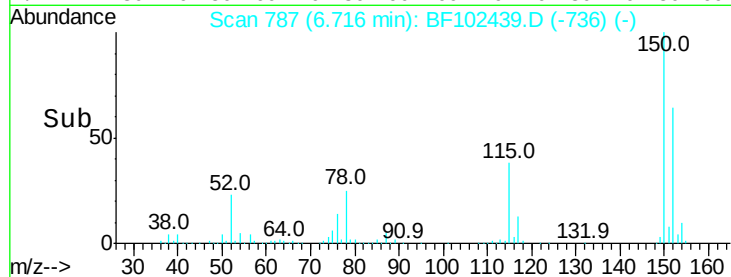
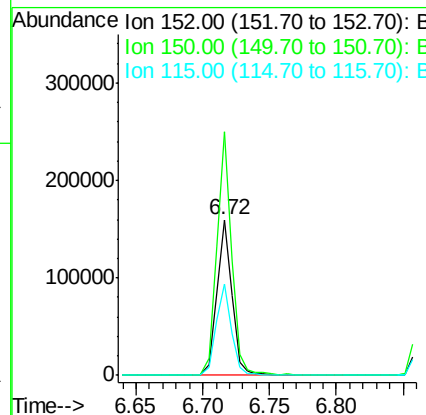
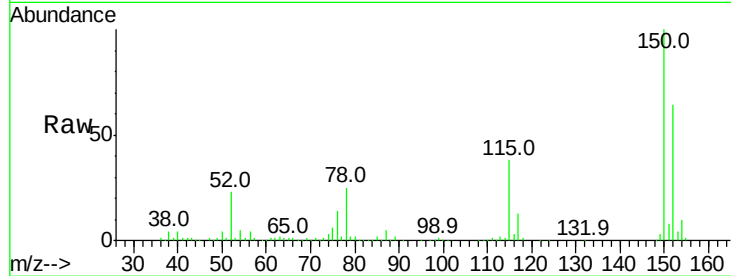


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102439.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_F
ClientSampleId :
DB-OF-E-W-(NW4-8)

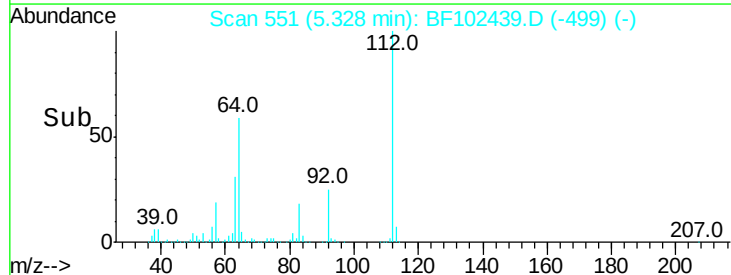
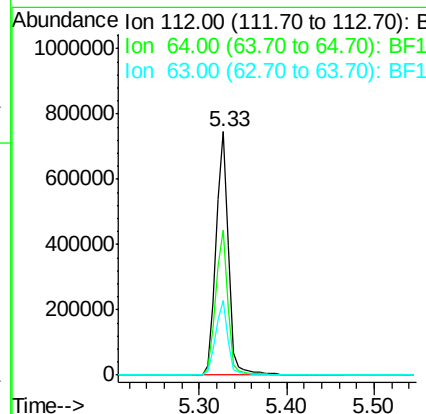
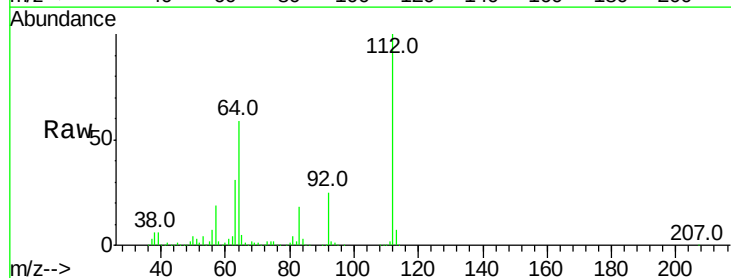
Tot Ion:152 Resp: 127738
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 59.0 50.1 75.1

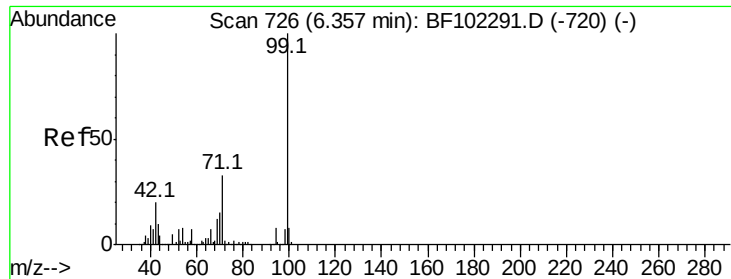


#5

2-Fluorophenol
Concen: 88.662 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102439.D
Acq: 25 Jan 2018 22:25

Tgt Ion:112 Resp: 746934
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 88.068 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102439.D

Acq: 25 Jan 2018 22:25

Instrument :

BNA_F

ClientSampleId :

DB-OF-E-W-(NW4-8)

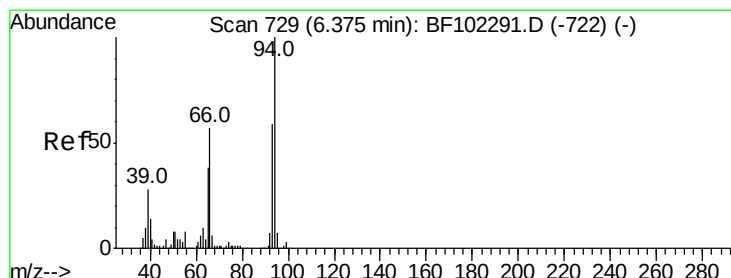
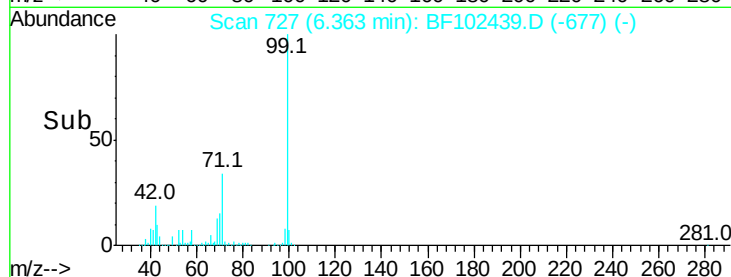
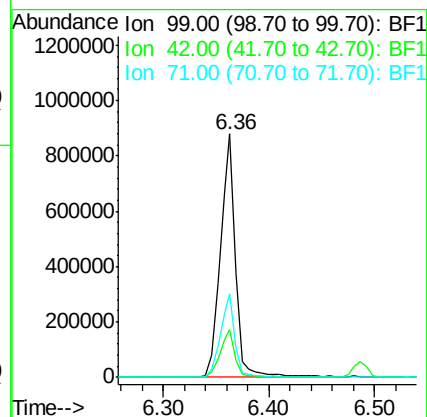
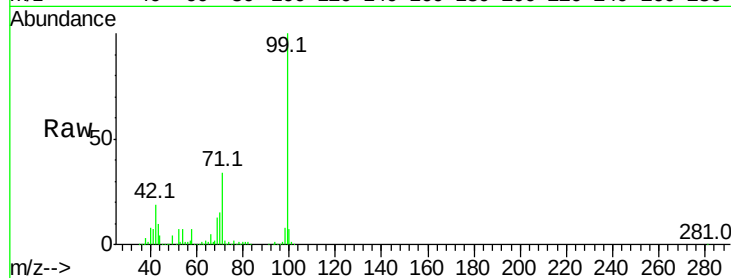
Tot Ion: 99 Resp: 894466

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 34.4 25.4 38.0



#10

Phenol

Concen: 4.275 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102439.D

Acq: 25 Jan 2018 22:25

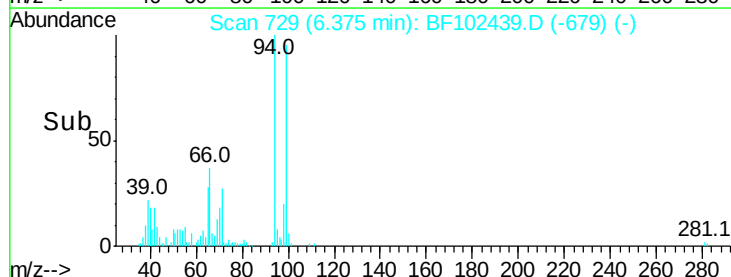
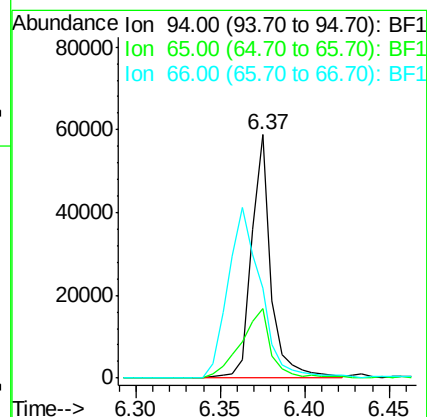
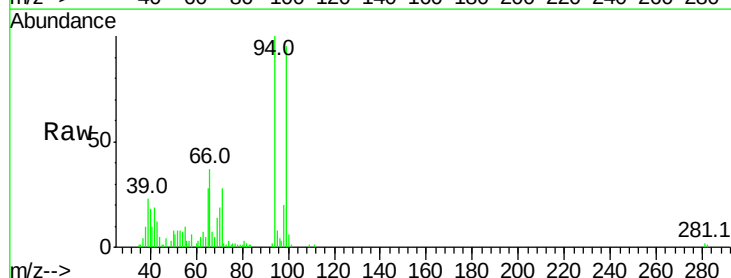
Tgt Ion: 94 Resp: 47403

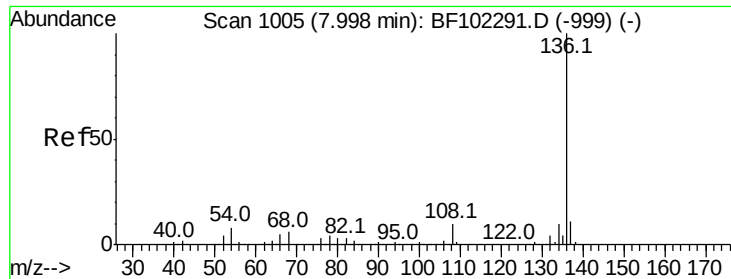
Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

66 37.2 16.2 56.2

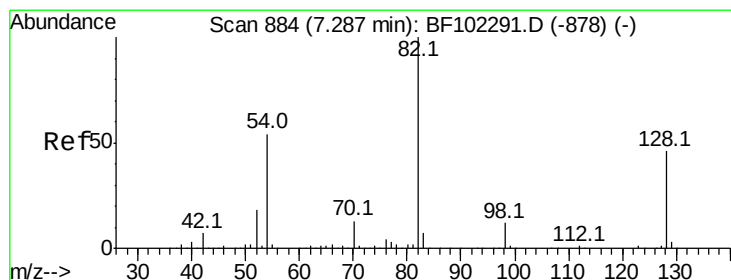
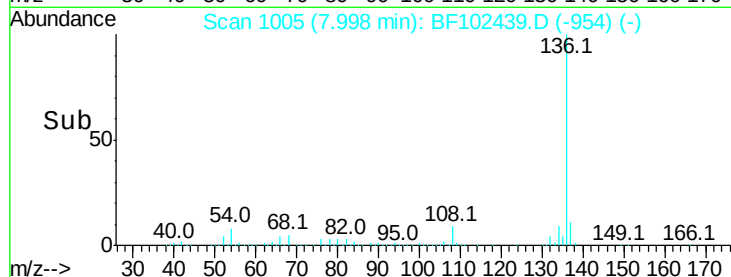
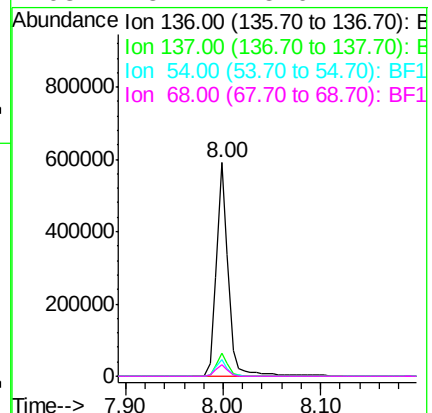
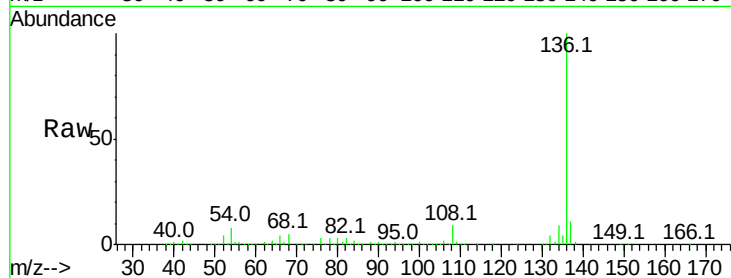




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102439.D
Acq: 25 Jan 2018 22:25

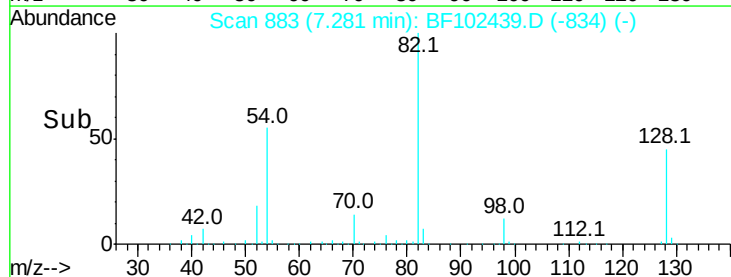
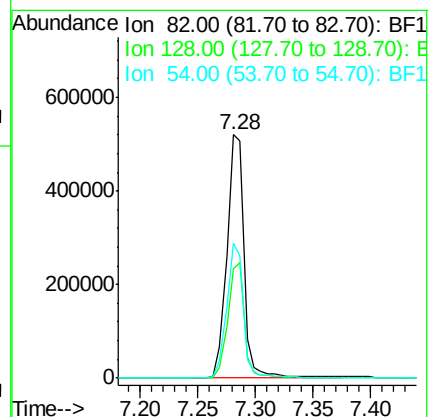
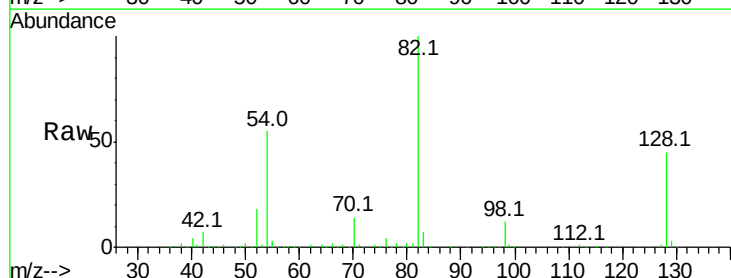
Instrument :
BNA_F
ClientSampleId :
DB-OF-E-W-(NW4-8)

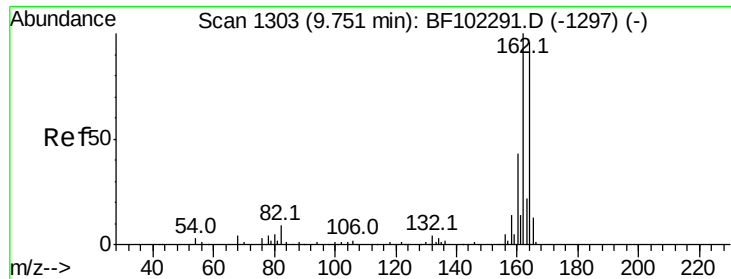
Tot Ion:	136	Resp:	500433
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 62.054 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102439.D
Acq: 25 Jan 2018 22:25

Tgt Ion:	82	Resp:	540377
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	55.3	41.4	62.2

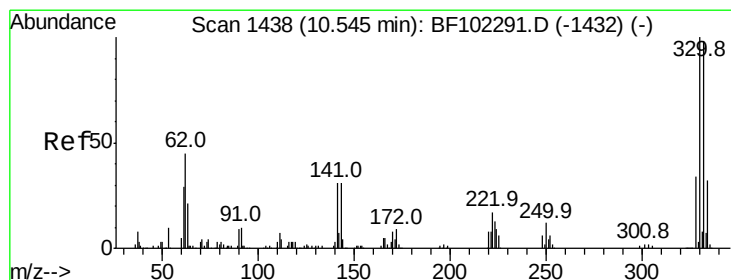
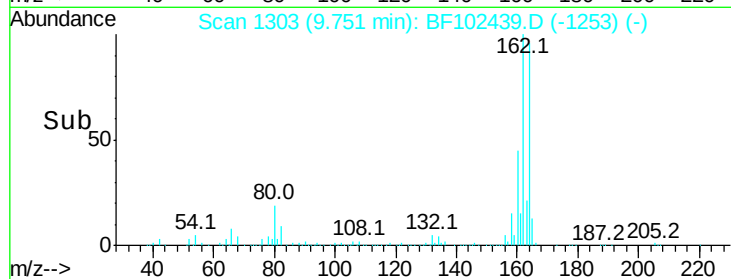
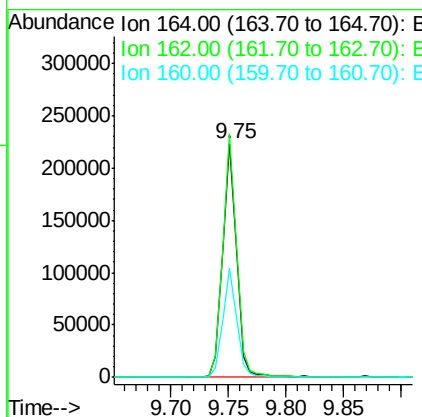
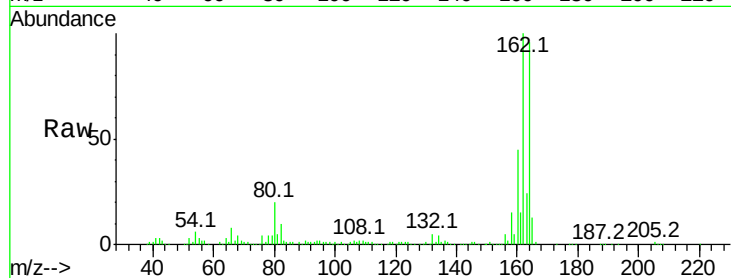




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102439.D
 Acq: 25 Jan 2018 22:25

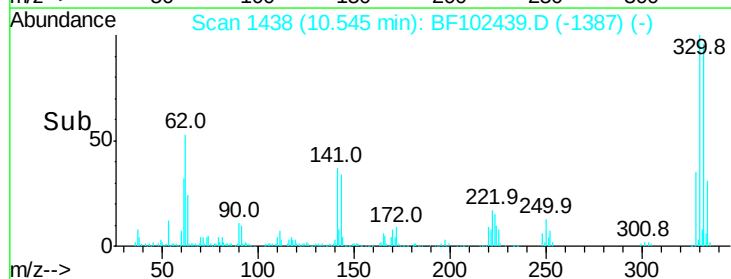
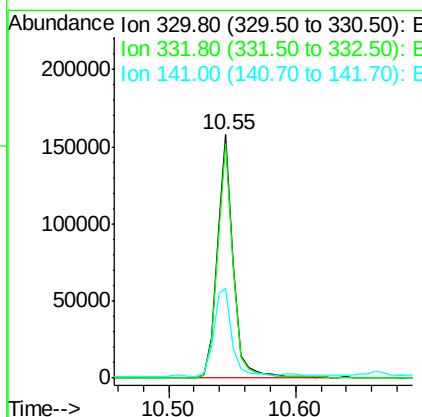
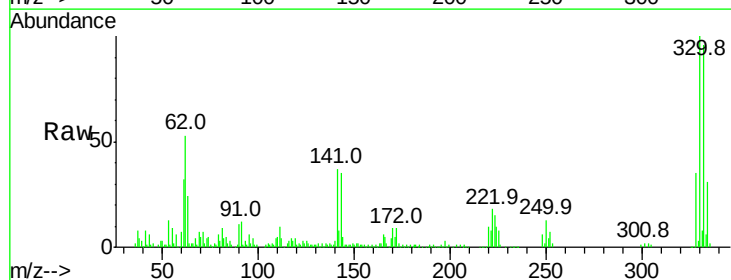
Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-E-W-(NW4-8)

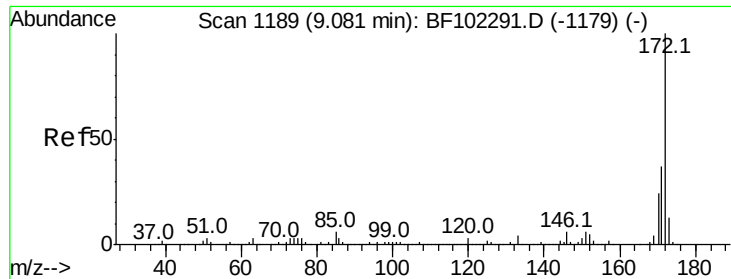
Tot Ion:164 Resp: 192478
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 46.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 74.280 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102439.D
 Acq: 25 Jan 2018 22:25

Tgt Ion:330 Resp: 141665
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 41.0 29.9 44.9

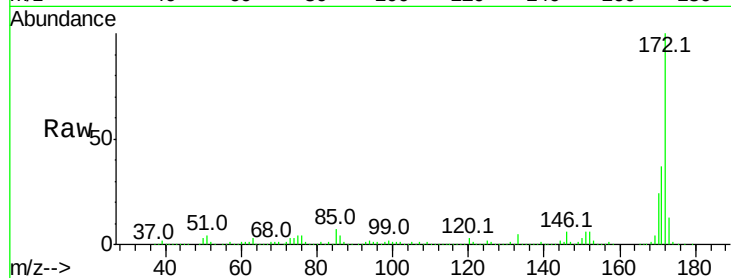




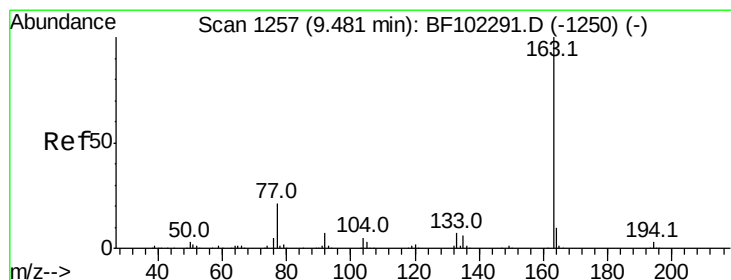
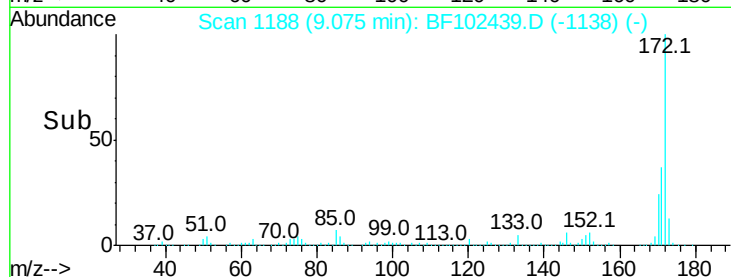
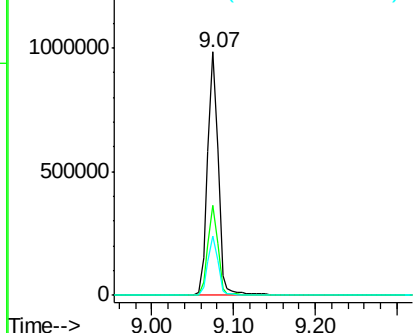
#44
2-Fluorobiphenyl
Concen: 68.069 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102439.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_F
ClientSampleId :
DB-OF-E-W-(NW4-8)

Tot Ion:172 Resp: 891069
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.1 19.6 29.4

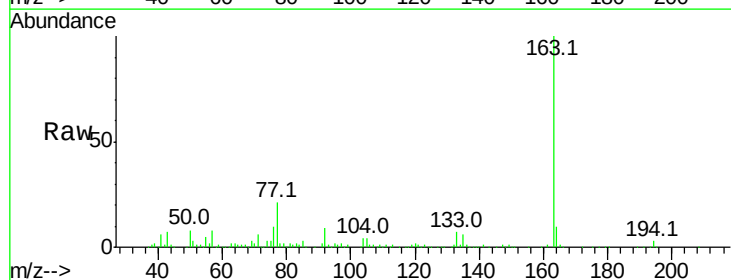


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

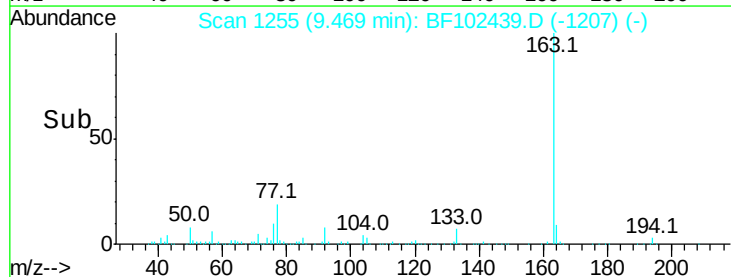
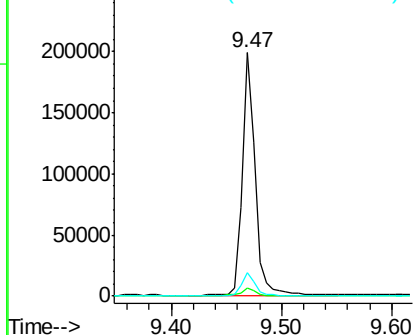


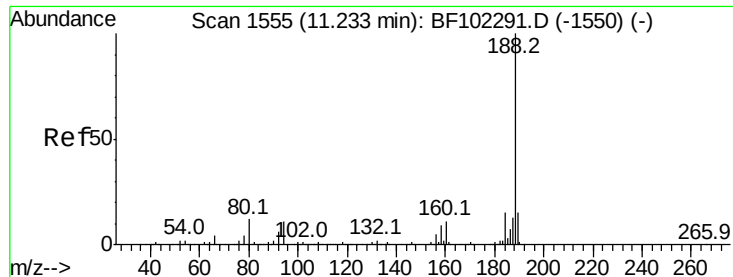
#49
Dimethylphthalate
Concen: 10.273 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102439.D
Acq: 25 Jan 2018 22:25

Tgt Ion:163 Resp: 163446
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

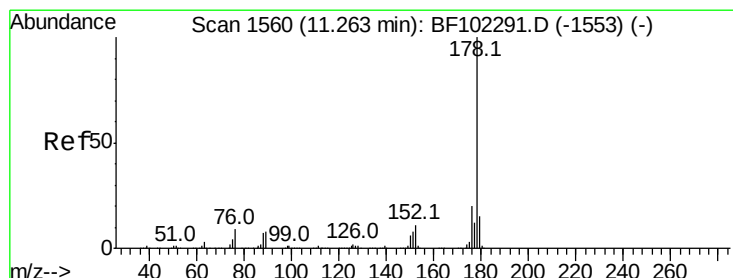
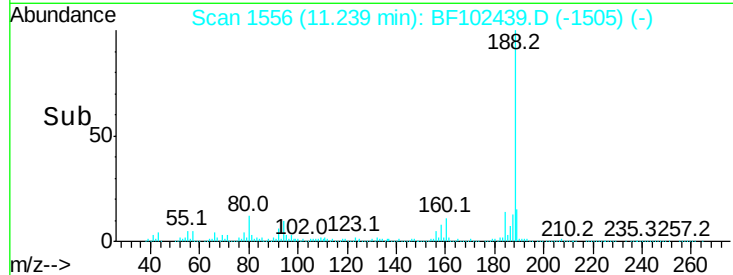
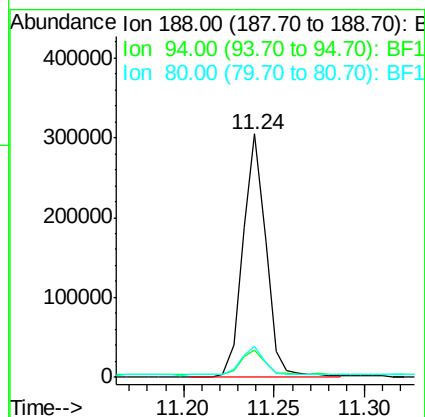
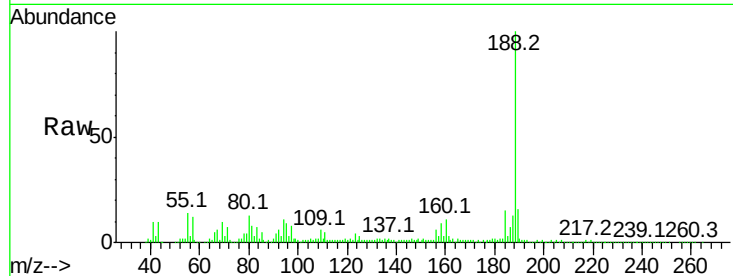




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102439.D
Acq: 25 Jan 2018 22:25

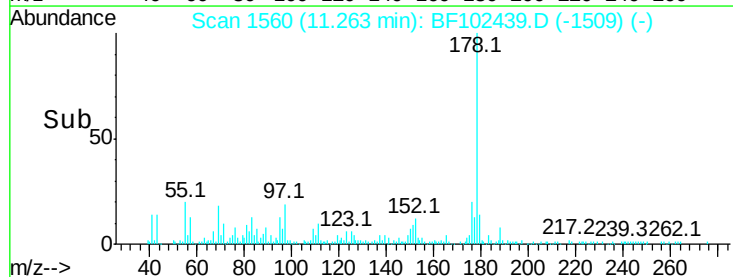
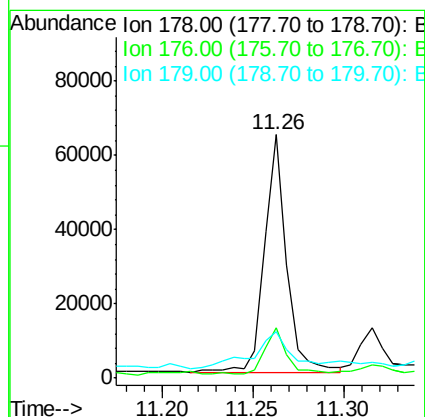
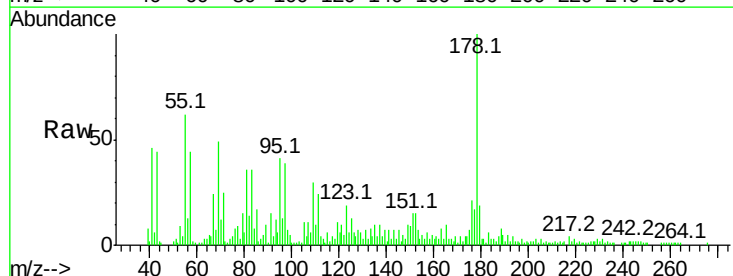
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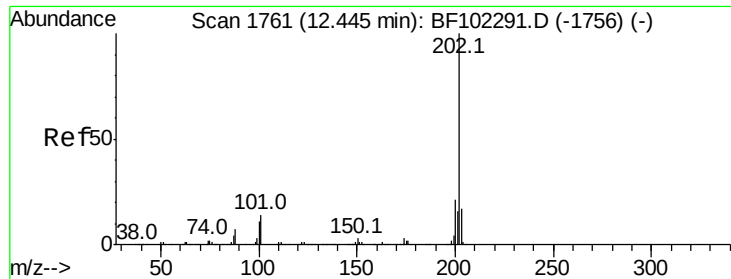
Tot Ion:188 Resp: 267121
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.9 9.2 13.8



#70
Phenanthrene
Concen: 3.466 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102439.D
Acq: 25 Jan 2018 22:25

Tgt Ion:178 Resp: 53946
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.8
179 19.1 13.0 19.6

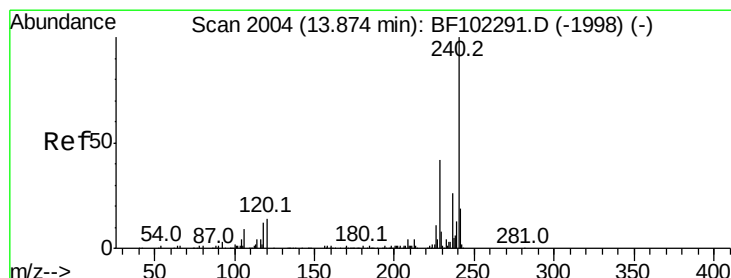
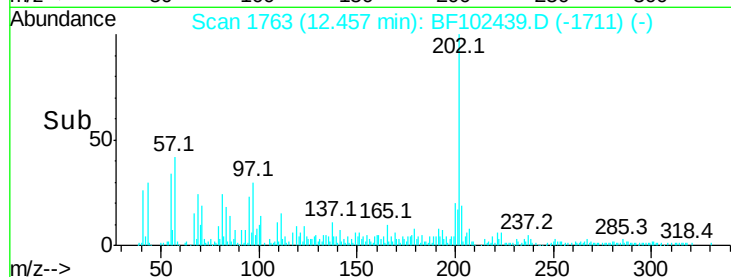
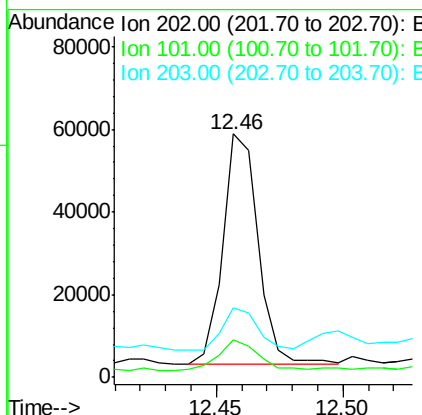
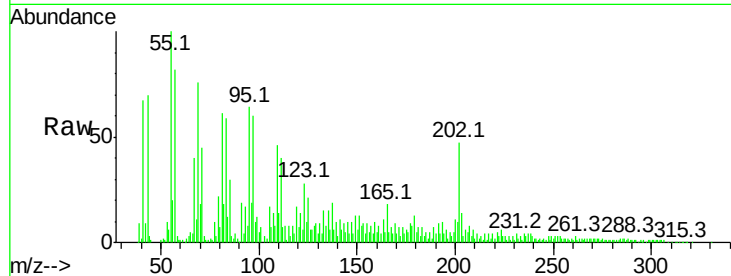




#74
 Fluoranthene
 Concen: 3.396 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: BF102439.D
 Acq: 25 Jan 2018 22:25

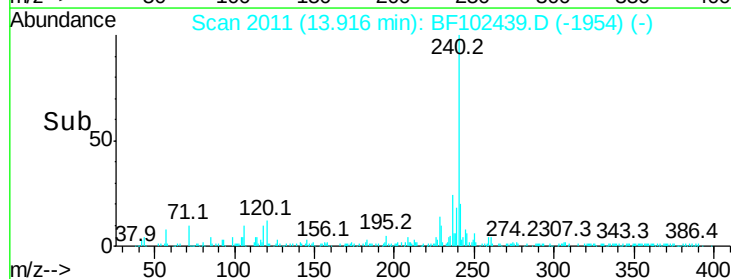
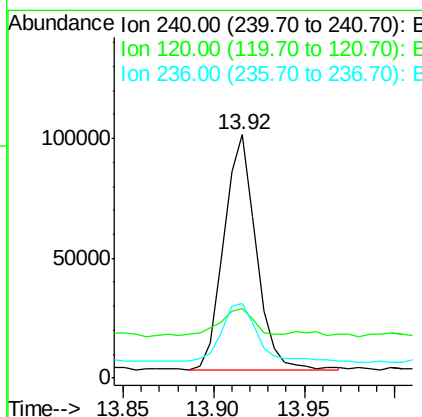
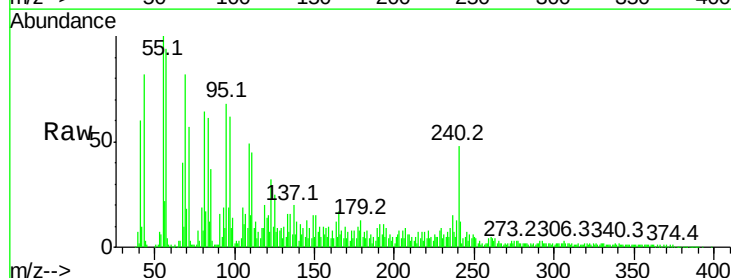
Instrument :
 BNA_F
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 DB-OF-E-W-(NW4-8)

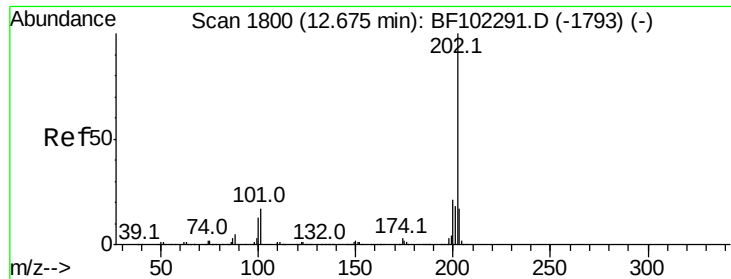
Tot Ion:	202	Resp:	53899
Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	34.1
203	28.6	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.04 min
 Lab File: BF102439.D
 Acq: 25 Jan 2018 22:25

Tgt Ion:	240	Resp:	121296
Ion	Ratio	Lower	Upper
240	100		
120	28.7	9.5	14.3#
236	30.6	20.7	31.1





#77

Pvrene

Concen: 5.737 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF102439.D

Acq: 25 Jan 2018 22:25

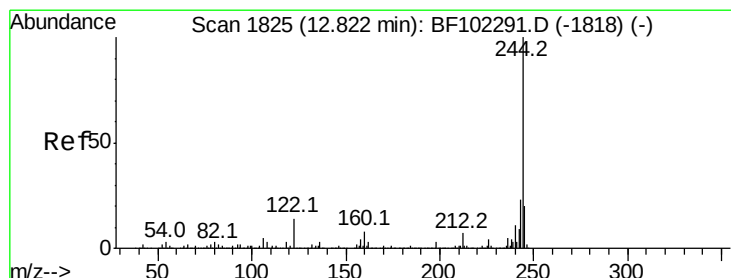
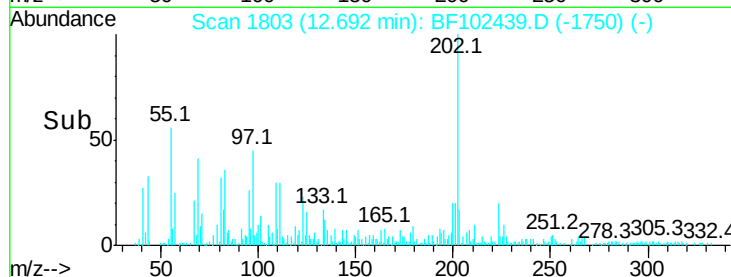
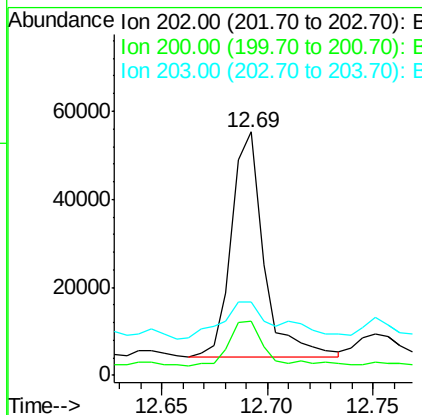
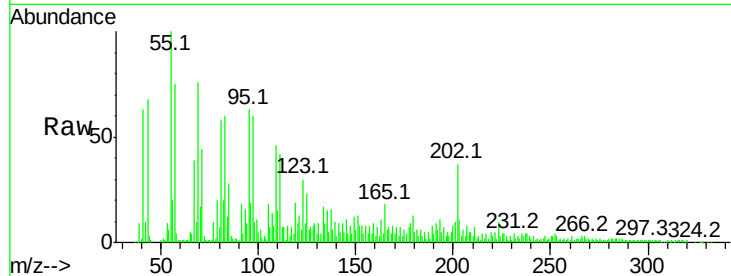
Instrument :

BNA_F

ClientSampleId :

DB-OF-E-W-(NW4-8)

Tot Ion:	202	Resp:	53805
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	30.1	14.3	21.5#



#78

Terphenyl-d14

Concen: 91.579 ng

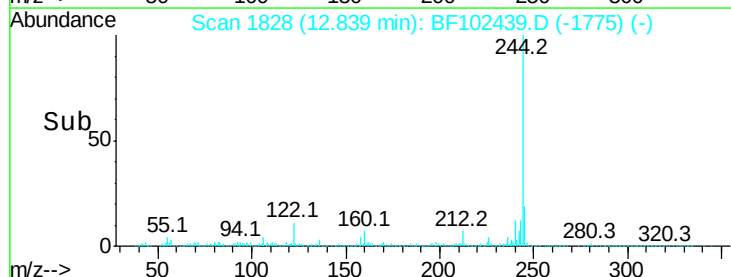
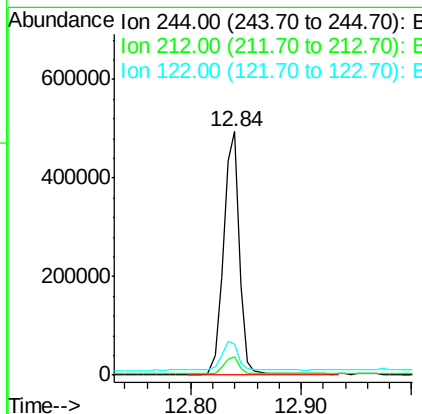
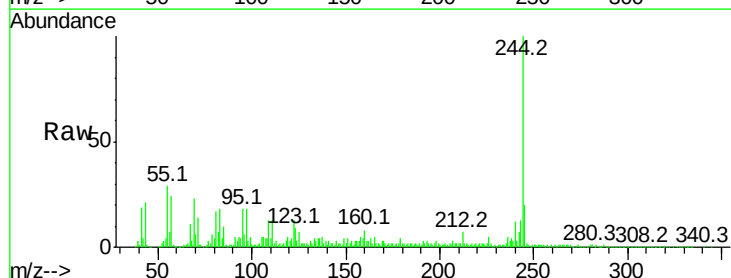
RT: 12.84 min Scan# 1828

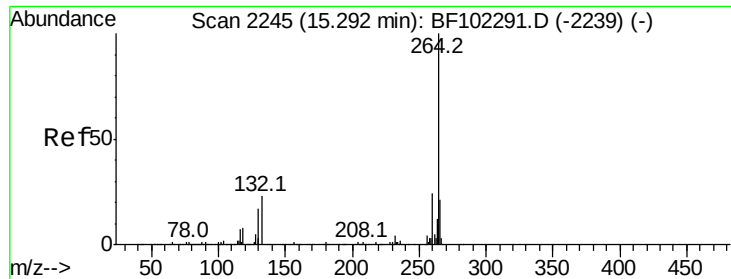
Delta R.T. 0.01 min

Lab File: BF102439.D

Acq: 25 Jan 2018 22:25

Tgt Ion:	244	Resp:	492740
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.1	11.0	16.4

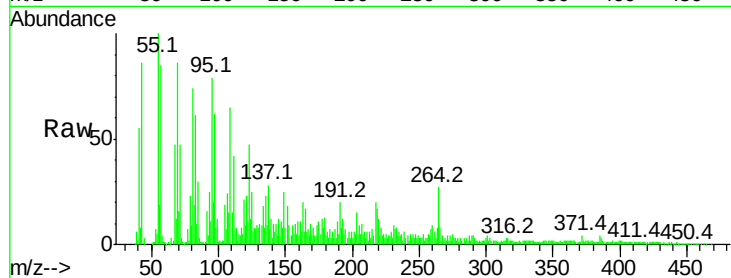




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.11 min
Lab File: BF102439.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_F
ClientSampleId :
DB-OF-E-W-(NW4-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	34.6	19.2	28.8#
265	31.2	17.5	26.3#



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

