

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111499.D
 Acq On : 16 Dec 2018 6:59
 Operator : JU/SJ
 Sample : J6373-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-A-FRAME

Quant Time: Dec 17 01:43:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	142811	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	534674	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	209808	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	322818	20.00	ng	0.00
76) Chrysene-d12	13.94	240	296086	20.00	ng	0.00
87) Perylene-d12	15.39	264	201753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	947608	110.42	ng	0.01
7) Phenol-d6	6.43	99	1045337	91.57	ng	0.00
23) Nitrobenzene-d5	7.35	82	778962	86.76	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	213611	113.66	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1376884	101.37	ng	0.00
79) Terphenyl-d14	12.90	244	1193145	94.63	ng	0.00

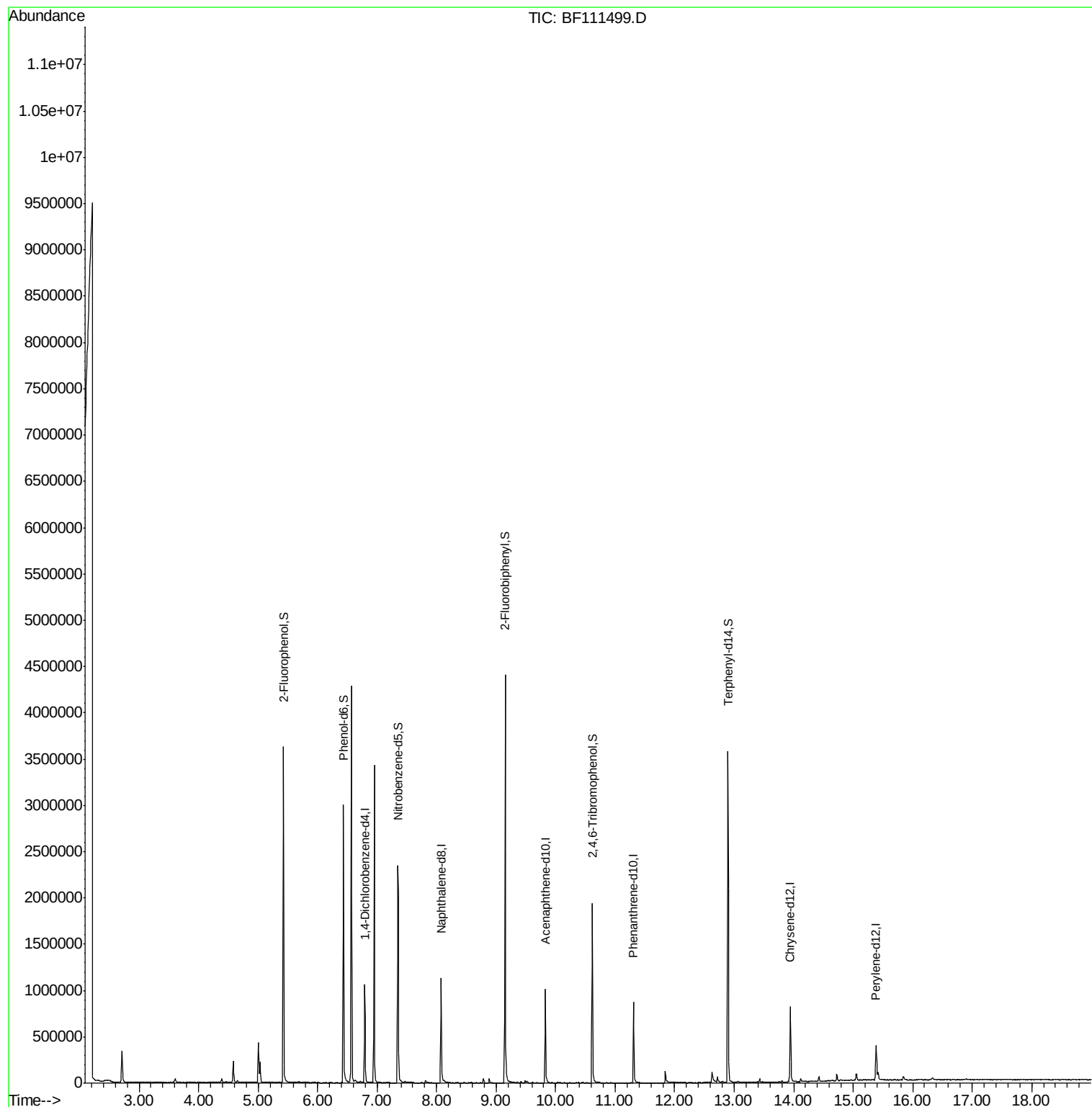
Target Compounds Qvalue

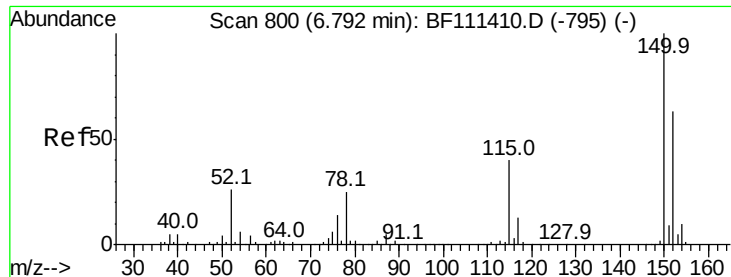
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111499.D
Acq On : 16 Dec 2018 6:59
Operator : JU/SJ
Sample : J6373-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-A-FRAME

Quant Time: Dec 17 01:43:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF111499.D

Acq: 16 Dec 2018 6:59

Instrument :

BNA_F

ClientSampleId :

TP-A-FRAME

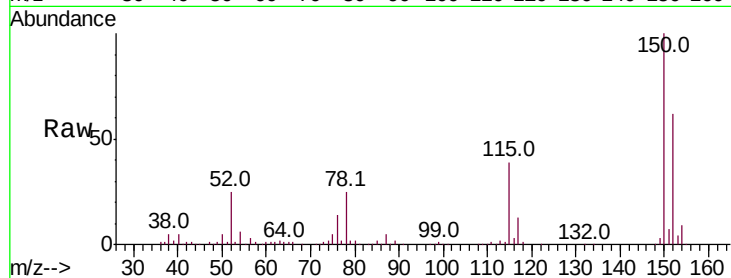
Tot Ion:152 Resp: 142811

Ion Ratio Lower Upper

152 100

150 161.9 126.6 189.8

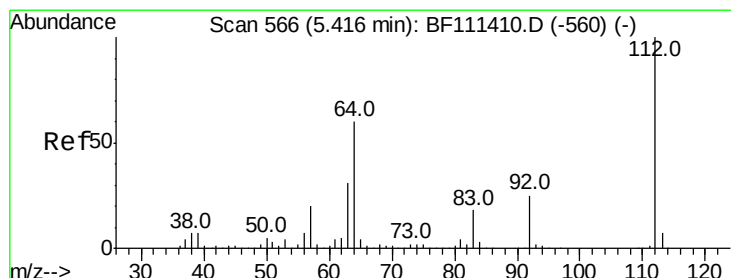
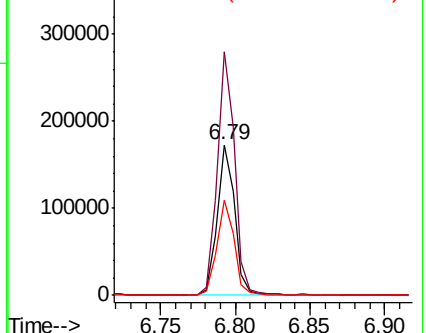
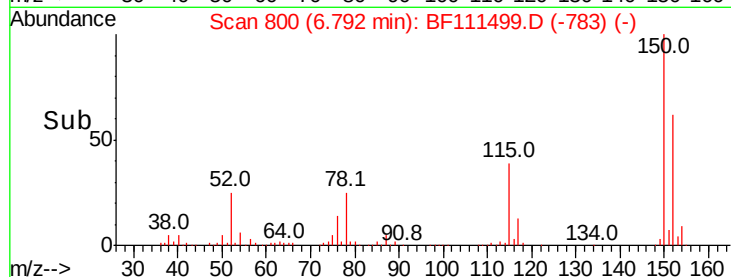
115 63.5 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 110.417 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111499.D

Acq: 16 Dec 2018 6:59

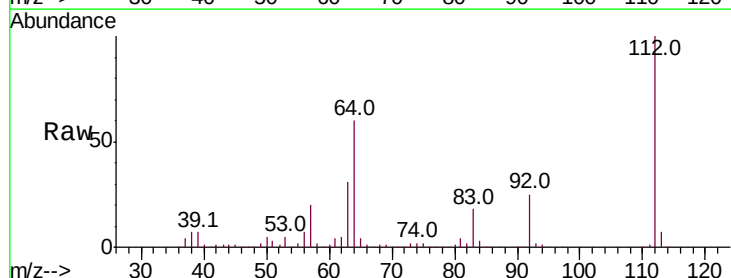
Tgt Ion:112 Resp: 947608

Ion Ratio Lower Upper

112 100

64 60.2 51.8 77.6

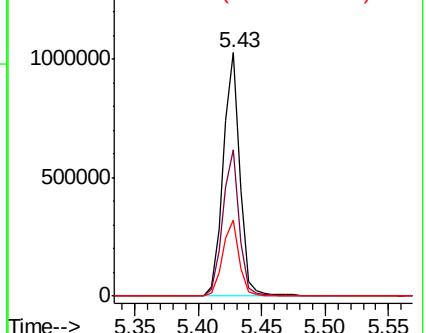
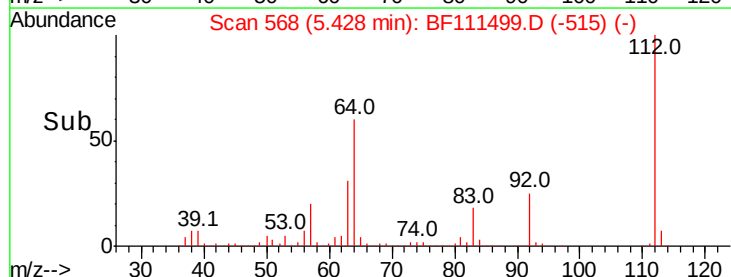
63 31.1 26.8 40.2

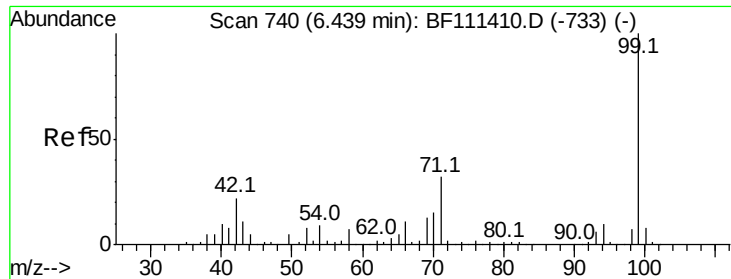


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.570 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111499.D

Acq: 16 Dec 2018 6:59

Instrument :

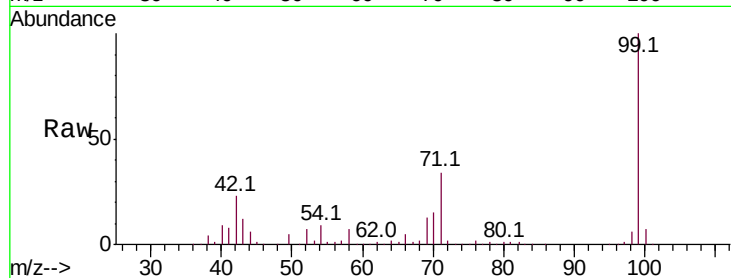
BNA_F

ClientSampleId :

TP-A-FRAME

Tot Ion: 99 Resp: 1045337

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.4	26.0
71	33.5	26.1	39.1

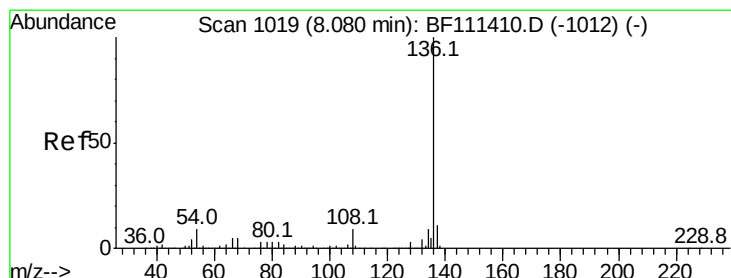
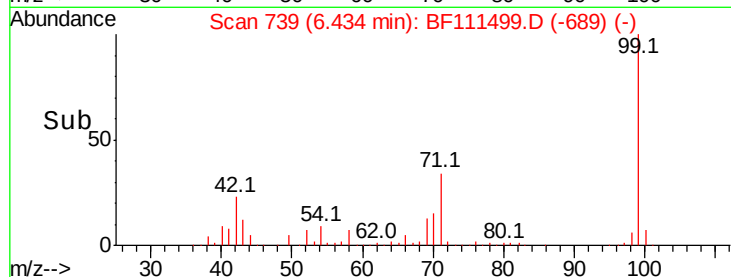


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

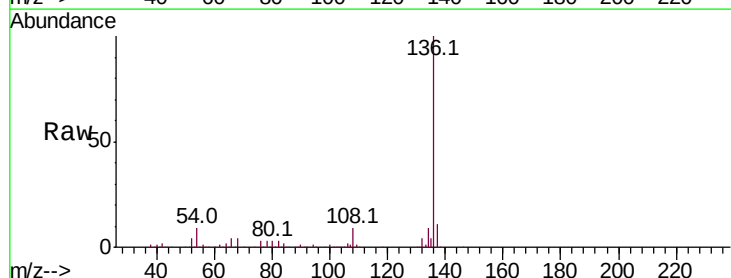
Delta R.T. -0.01 min

Lab File: BF111499.D

Acq: 16 Dec 2018 6:59

Tgt Ion: 136 Resp: 534674

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	9.0	7.7	11.5
68	4.3	4.9	7.3#



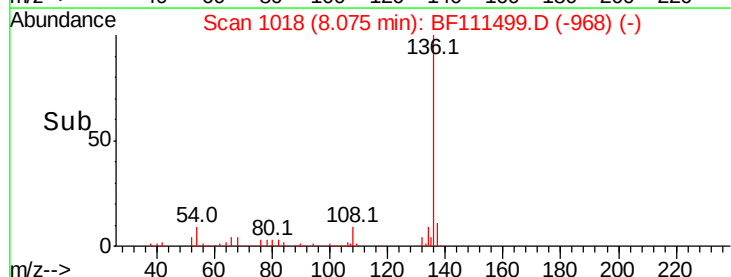
Abundance

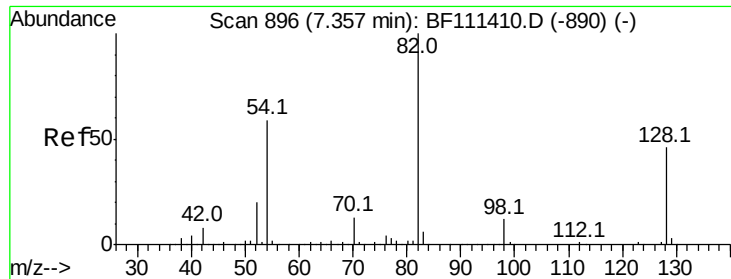
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

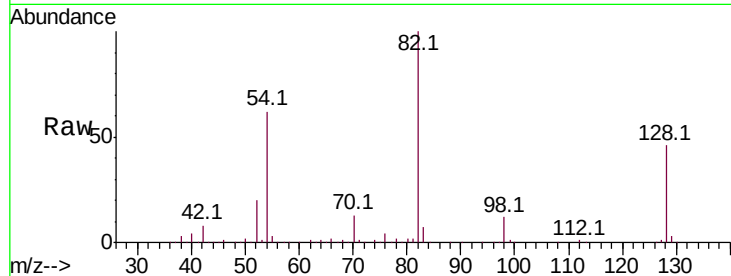




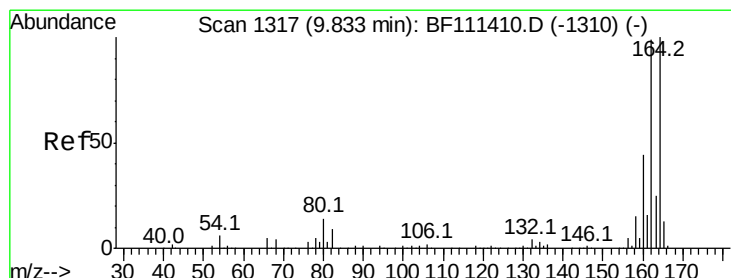
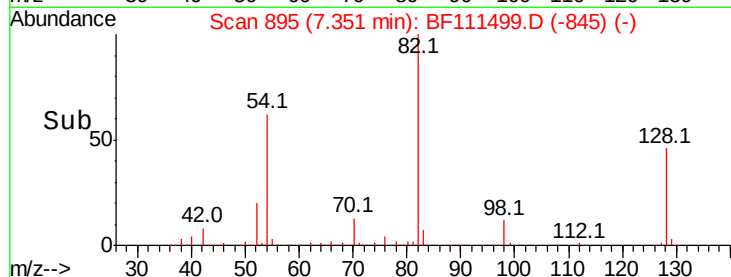
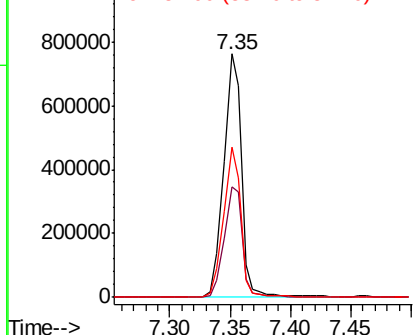
#23
Nitrobenzene-d5
Concen: 86.756 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111499.D
Acq: 16 Dec 2018 6:59

Instrument :
BNA_F
ClientSampleId :
TP-A-FRAME

Tot Ion: 82 Resp: 778962
Ion Ratio Lower Upper
82 100
128 45.6 37.4 56.2
54 61.7 47.6 71.4

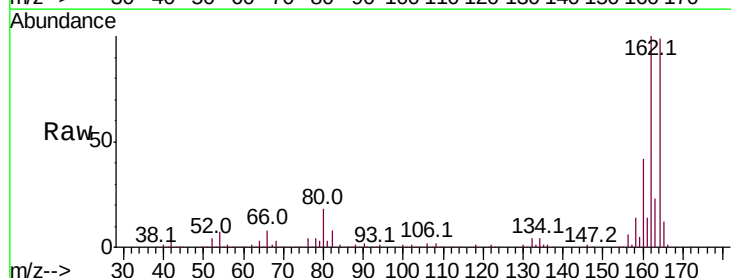


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

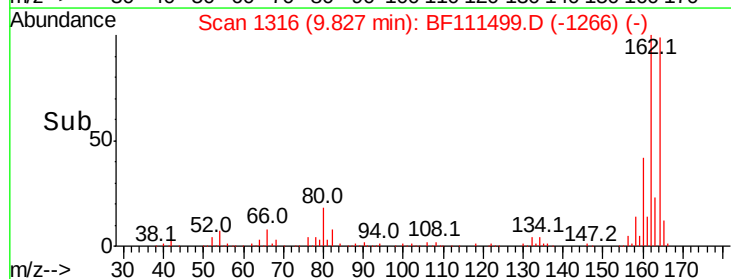
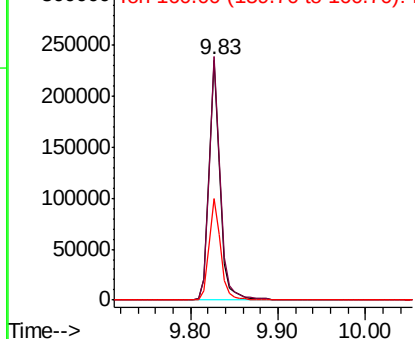


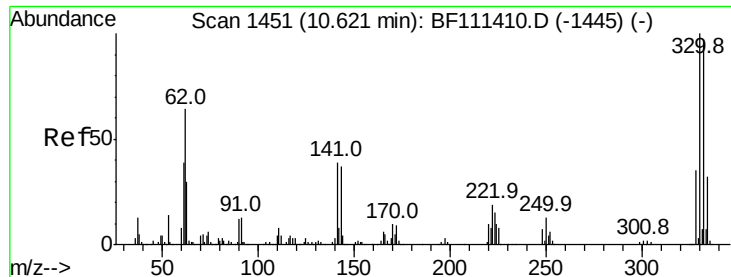
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111499.D
Acq: 16 Dec 2018 6:59

Tgt Ion:164 Resp: 209808
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 42.2 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

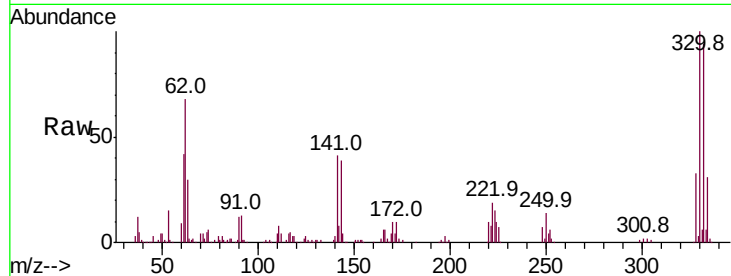




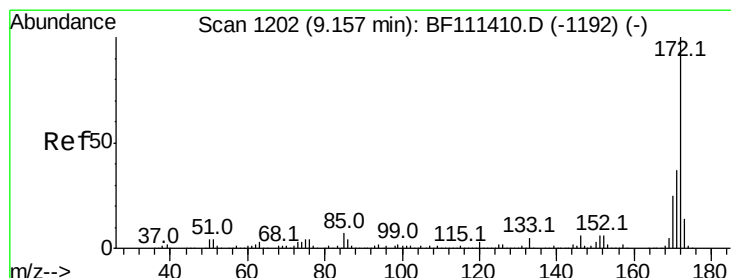
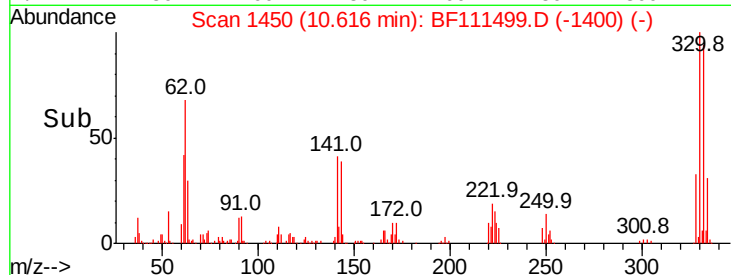
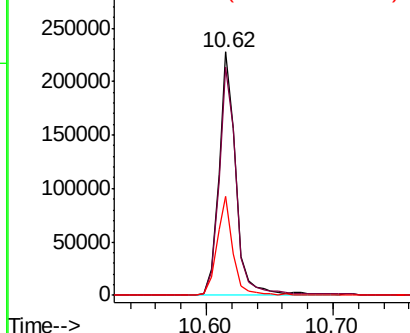
#42
 2,4,6-Tribromophenol
 Concen: 113.657 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111499.D
 Acq: 16 Dec 2018 6:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-A-FRAME

Tot Ion:330 Resp: 213611
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.0 114.0
 141 39.3 31.0 46.6

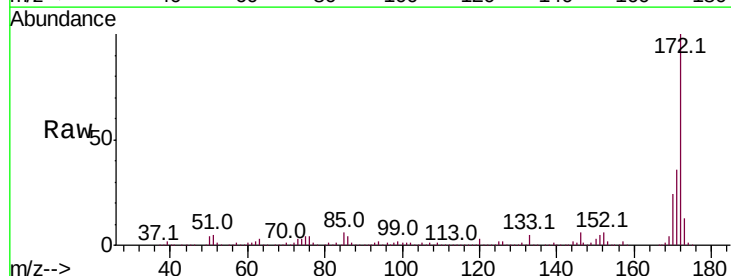


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

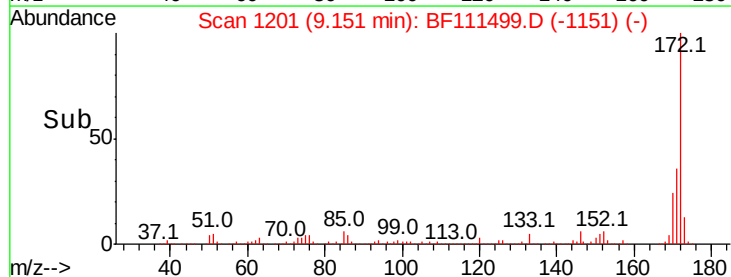
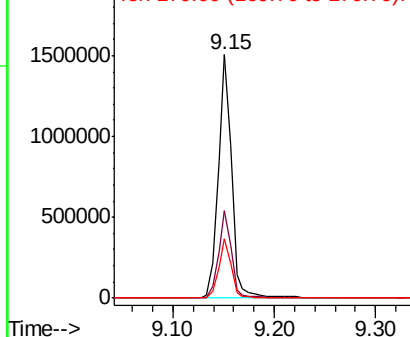


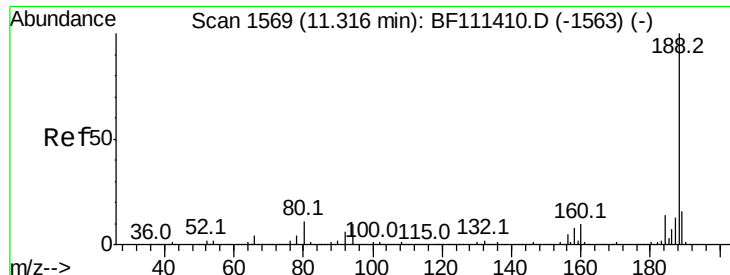
#45
 2-Fluorobiphenyl
 Concen: 101.368 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111499.D
 Acq: 16 Dec 2018 6:59

Tgt Ion:172 Resp: 1376884
 Ion Ratio Lower Upper
 172 100
 171 35.8 33.0 49.4
 170 24.2 22.3 33.5



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

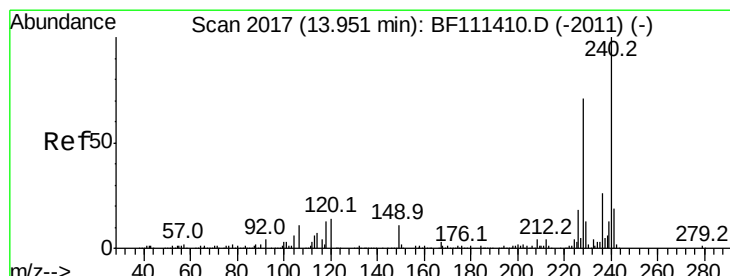
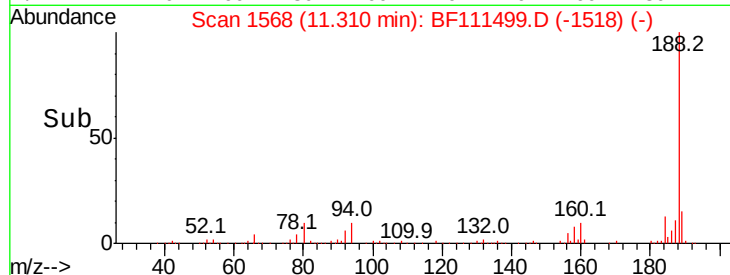
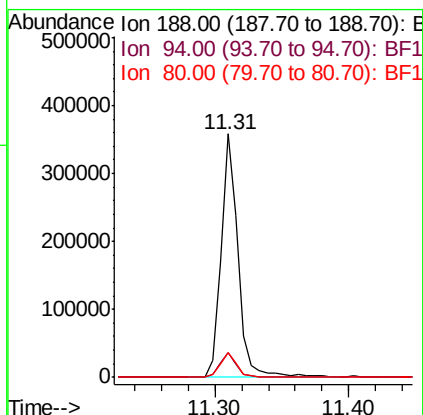
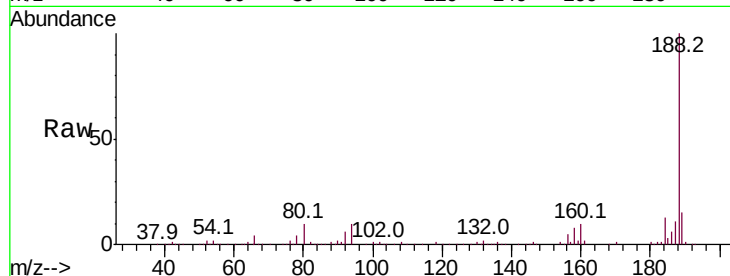




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111499.D
Acq: 16 Dec 2018 6:59

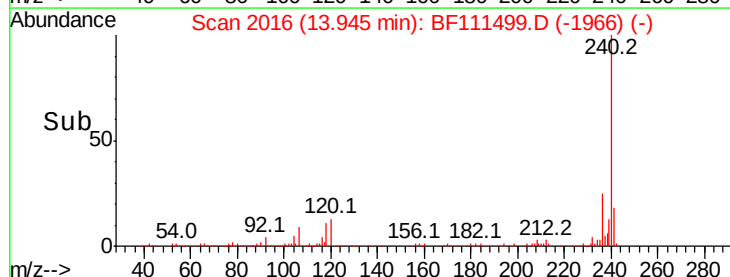
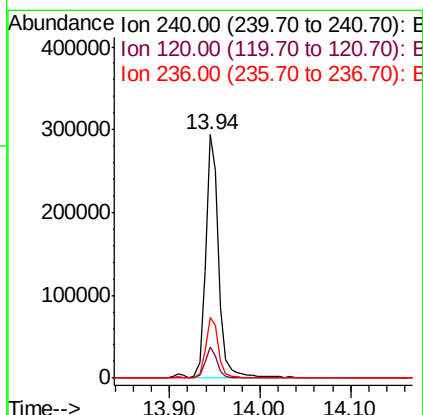
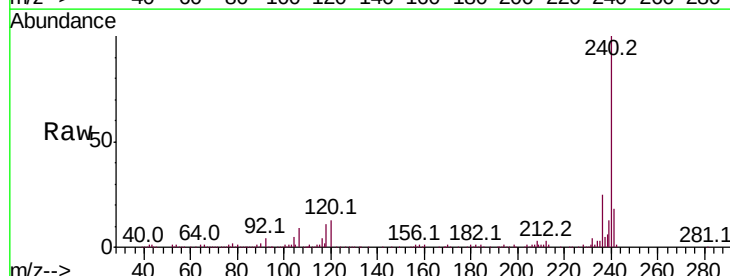
Instrument :
BNA_F
ClientSampleId :
TP-A-FRAME

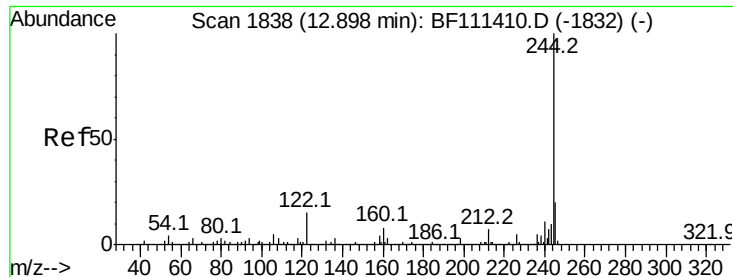
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.6	14.4
80	10.3	9.8	14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111499.D
Acq: 16 Dec 2018 6:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	12.2	18.2
236	24.9	20.2	30.2





#79

Terphenyl-d14

Concen: 94.627 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF111499.D

Acq: 16 Dec 2018 6:59

Instrument :

BNA_F

ClientSampleId :

TP-A-FRAME

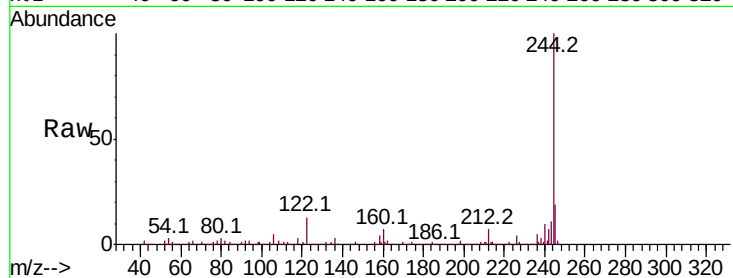
Tot Ion:244 Resp: 1193145

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

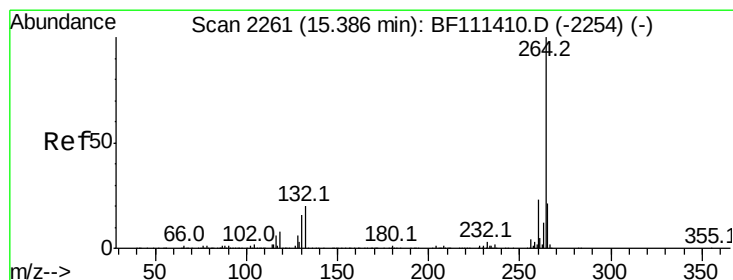
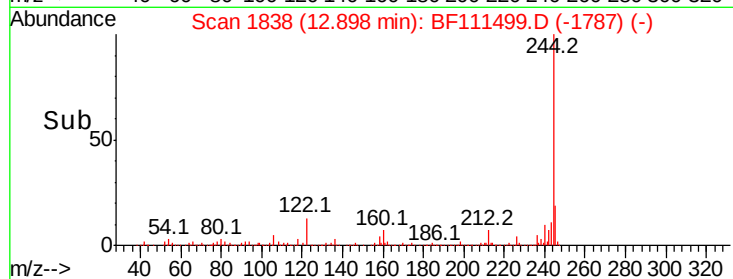
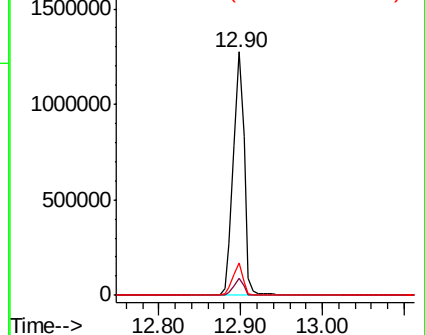
122 13.2 13.1 19.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BF111499.D

Acq: 16 Dec 2018 6:59

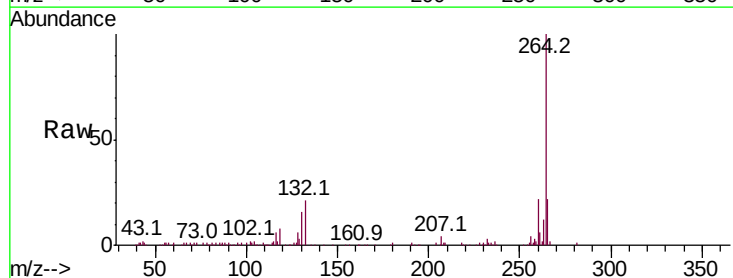
Tgt Ion:264 Resp: 201753

Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

265 21.9 17.7 26.5



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

