

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111576.D
 Acq On : 18 Dec 2018 9:16
 Operator : JU/SJ
 Sample : PB115763TB
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115763TB

Quant Time: Dec 18 10:35:34 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	110689	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	425632	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	283257	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	410937	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	365055	20.00	ng	0.00
87) Perylene-d12	15.38	264	276476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	766812	115.28	ng	0.00
7) Phenol-d6	6.43	99	939383	106.17	ng	0.00
23) Nitrobenzene-d5	7.35	82	568824	79.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	219115	86.35	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1505034	82.07	ng	-0.01
79) Terphenyl-d14	12.89	244	1166496	75.04	ng	0.00

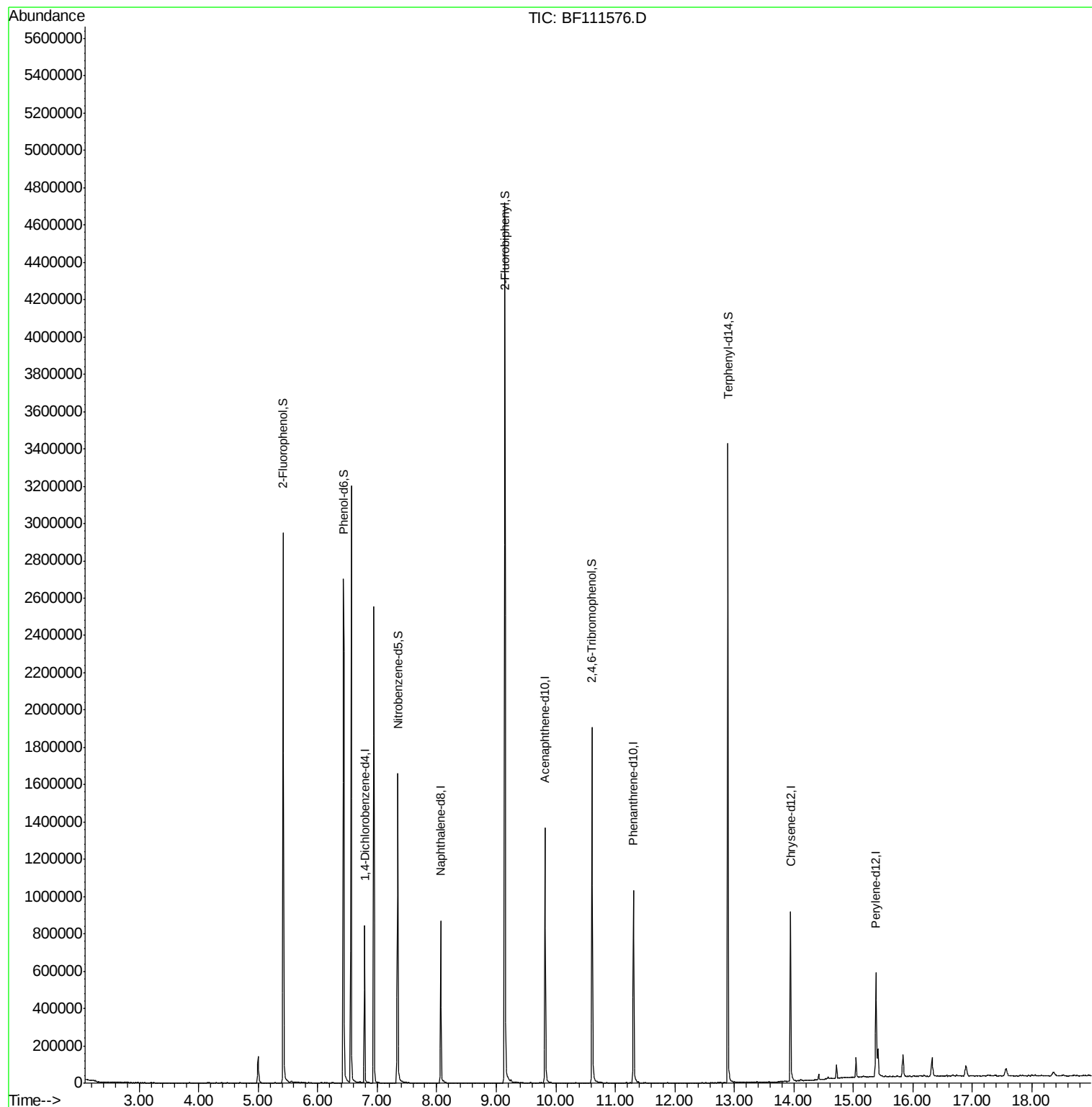
Target Compounds Qvalue

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

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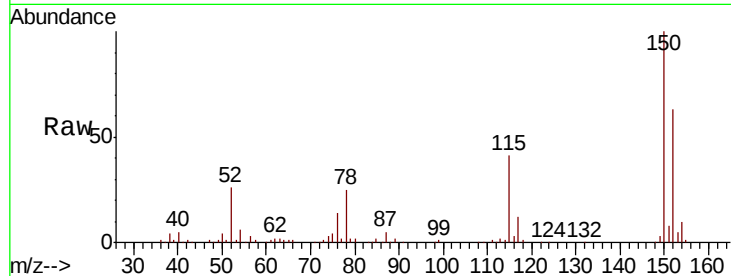


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111576.D
Acq: 18 Dec 2018 9:16

Instrument :
BNA_F
ClientSampleId :
PB115763TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	65.1	50.7	76.1

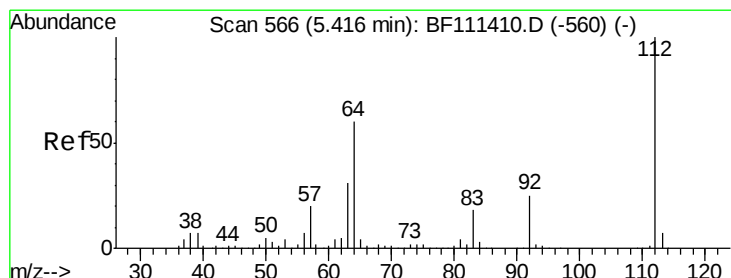
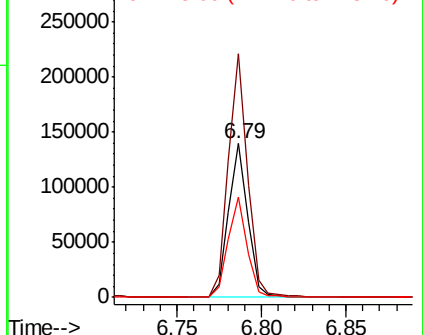
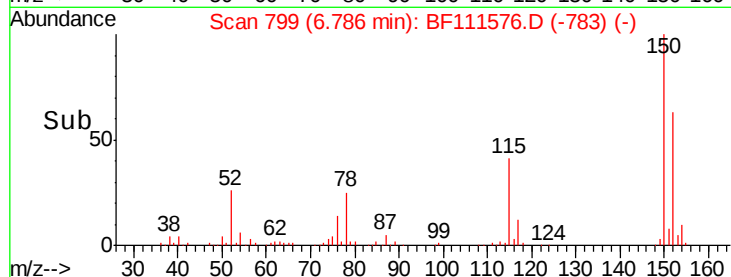


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

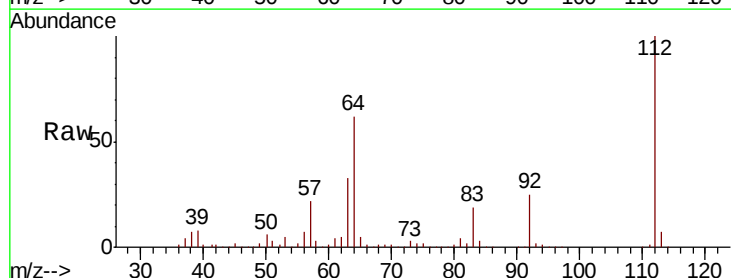
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.280 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111576.D
Acq: 18 Dec 2018 9:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	51.8	77.6
63	32.7	26.8	40.2

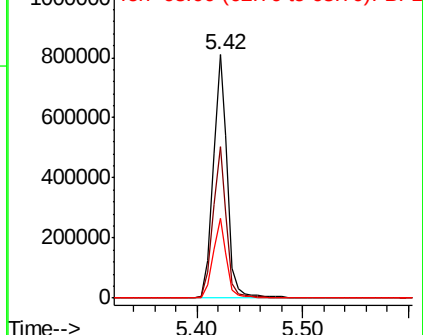
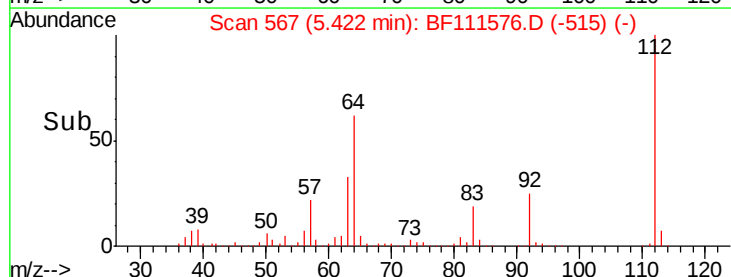


Abundance

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: 106.169 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111576.D

Acq: 18 Dec 2018 9:16

Instrument :

BNA_F

ClientSampleId :

PB115763TB

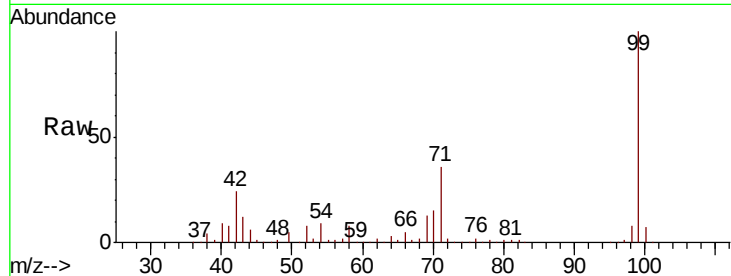
Tot Ion: 99 Resp: 939383

Ion Ratio Lower Upper

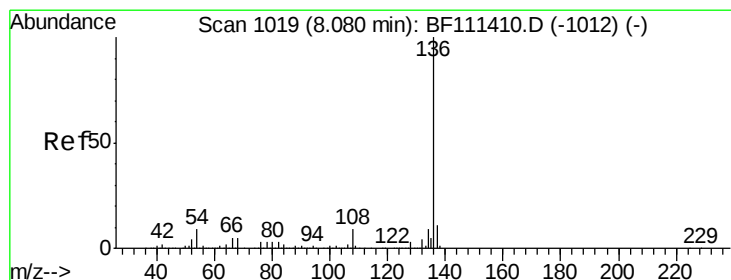
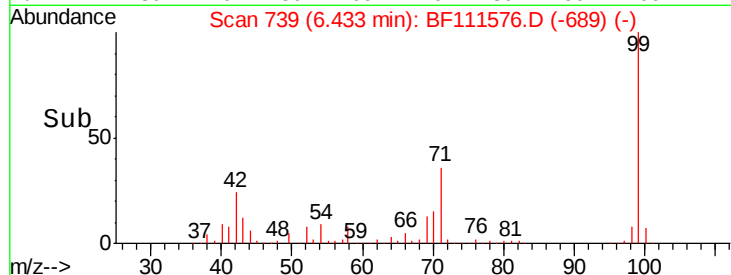
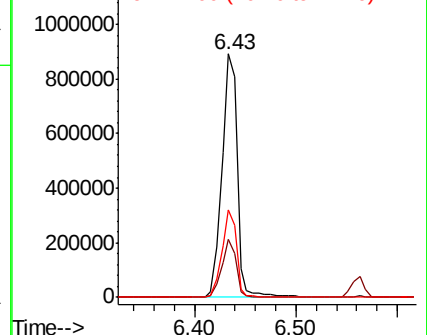
99 100

42 23.9 17.4 26.0

71 35.7 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# 1017

Delta R.T. -0.01 min

Lab File: BF111576.D

Acq: 18 Dec 2018 9:16

Tgt Ion: 136 Resp: 425632

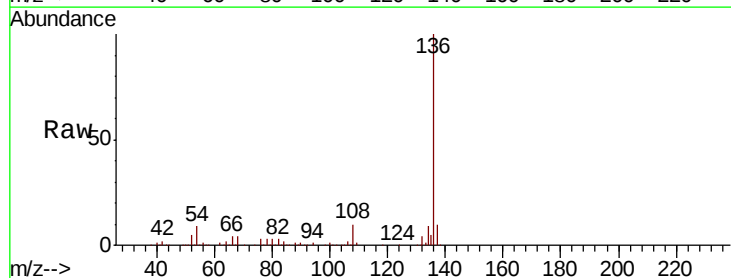
Ion Ratio Lower Upper

136 100

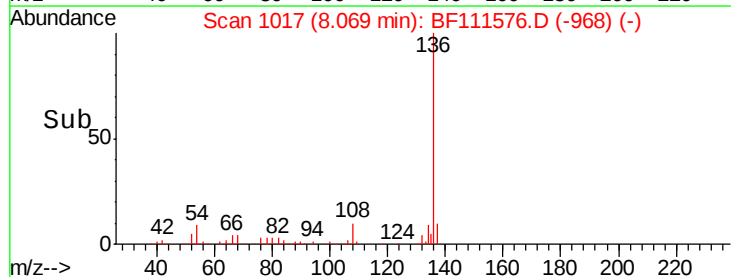
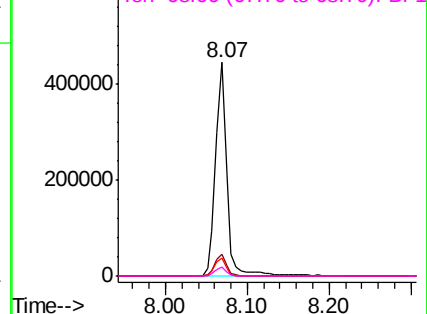
137 10.4 9.1 13.7

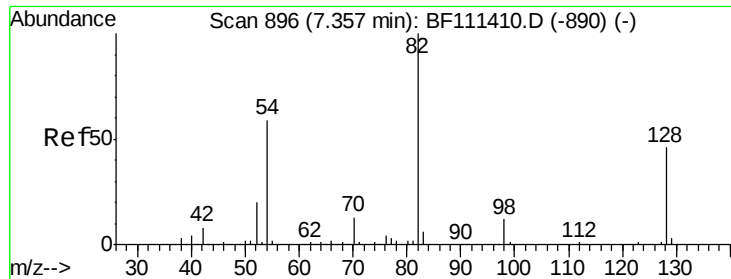
54 8.6 7.7 11.5

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

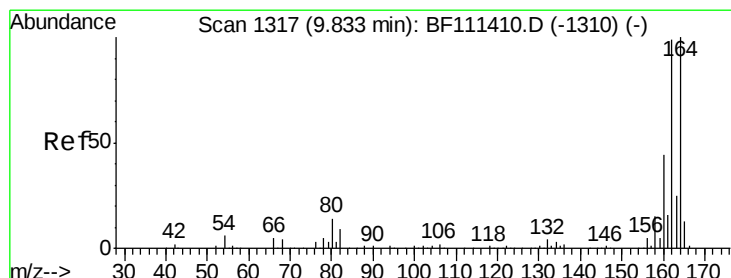
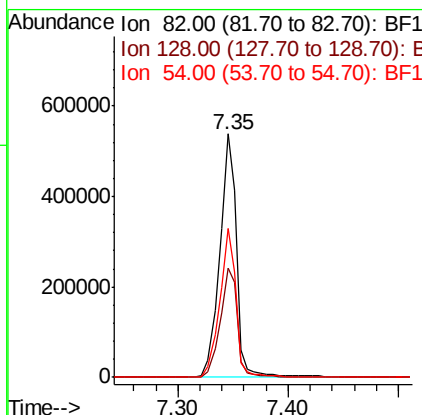
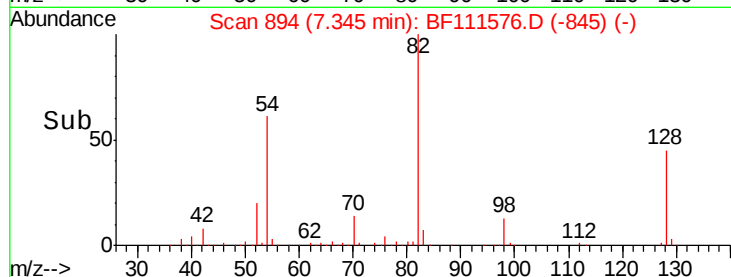
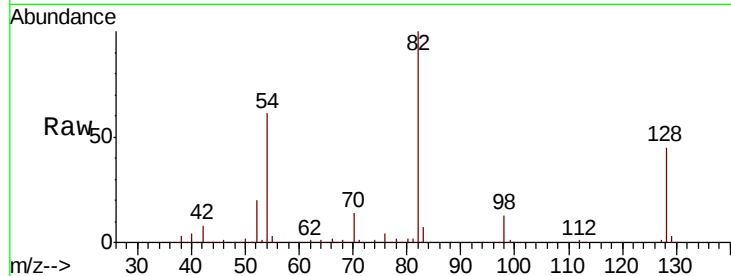




#23
 Nitrobenzene-d5
 Concen: 79.582 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF111576.D
 Acq: 18 Dec 2018 9:16

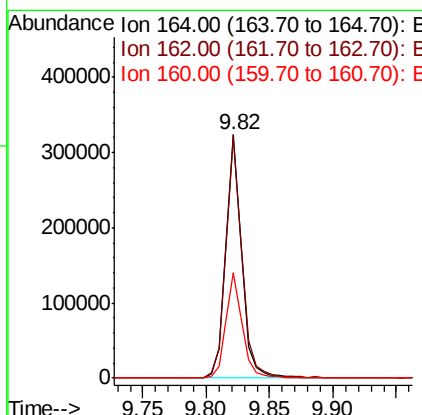
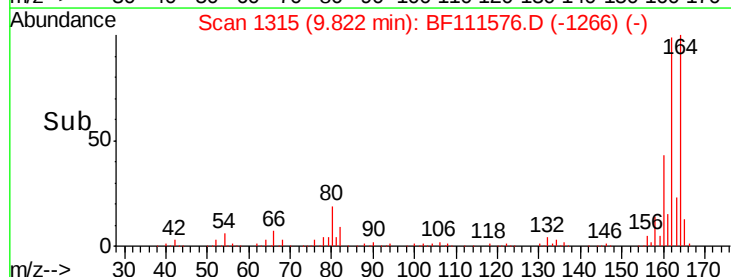
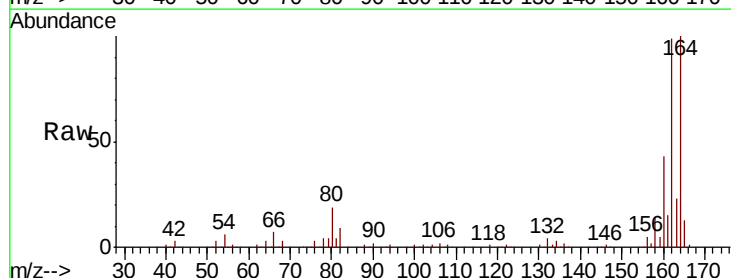
Instrument :
 BNA_F
 ClientSampleId :
 PB115763TB

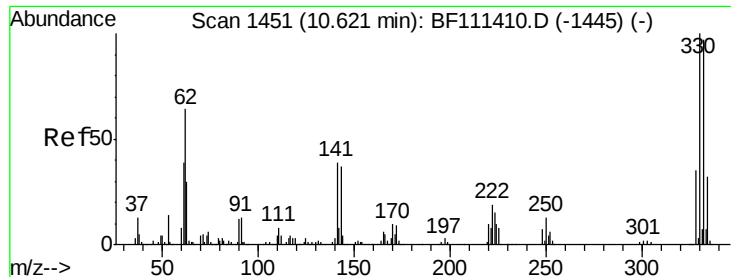
Tot Ion: 82 Resp: 568824
 Ion Ratio Lower Upper
 82 100
 128 45.1 37.4 56.2
 54 61.3 47.6 71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF111576.D
 Acq: 18 Dec 2018 9:16

Tgt Ion: 164 Resp: 283257
 Ion Ratio Lower Upper
 164 100
 162 98.9 81.4 122.0
 160 43.1 35.7 53.5

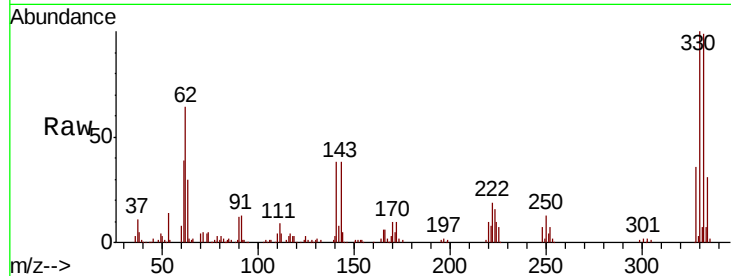




#42
 2,4,6-Tribromophenol
 Concen: 86.355 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF111576.D
 Acq: 18 Dec 2018 9:16

Instrument :
 BNA_F
 ClientSampleId :
 PB115763TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	37.0	31.0	46.6

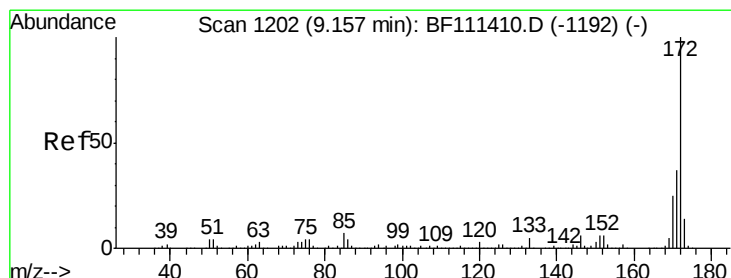
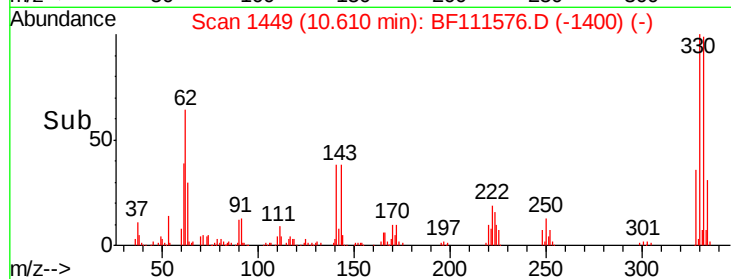
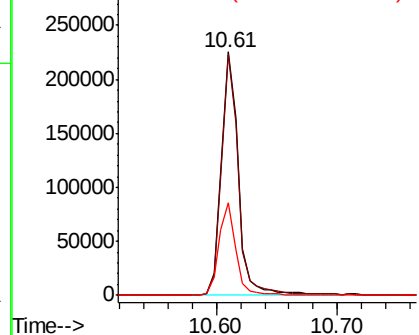


Abundance

Ion 329.80 (329.50 to 330.50): E

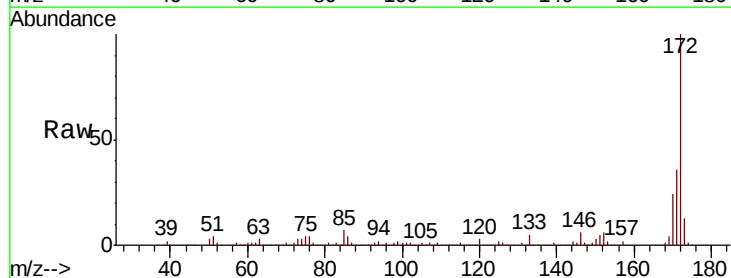
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.072 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111576.D
 Acq: 18 Dec 2018 9:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	24.1	22.3	33.5

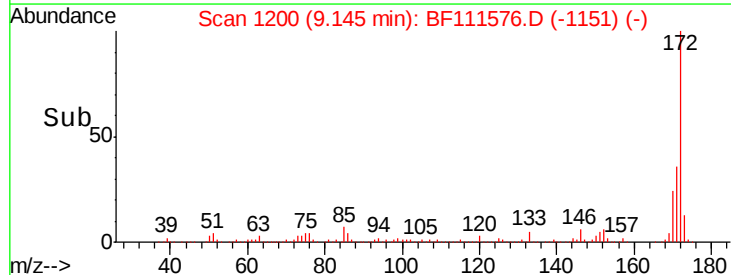
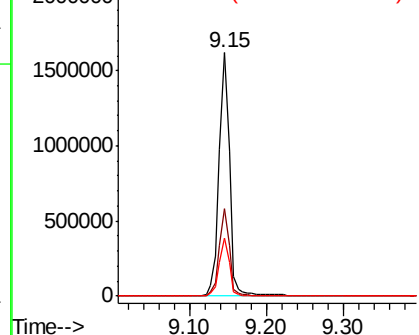


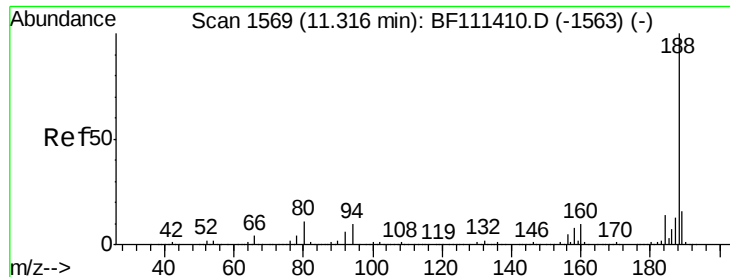
Abundance

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: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF111576.D

Acq: 18 Dec 2018 9:16

Instrument :

BNA_F

ClientSampleId :

PB115763TB

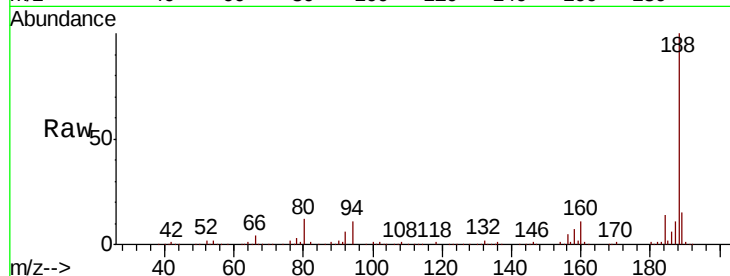
Tot Ion:188 Resp: 410937

Ion Ratio Lower Upper

188 100

94 11.4 9.6 14.4

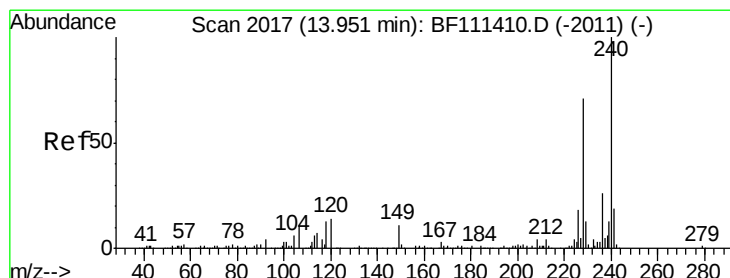
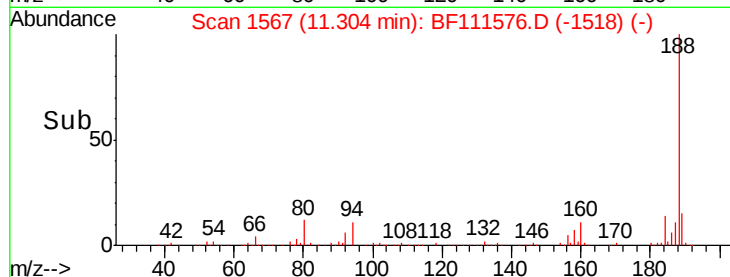
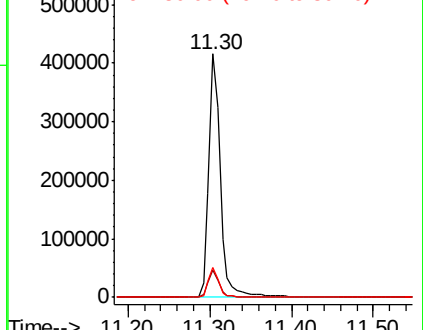
80 12.4 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111576.D

Acq: 18 Dec 2018 9:16

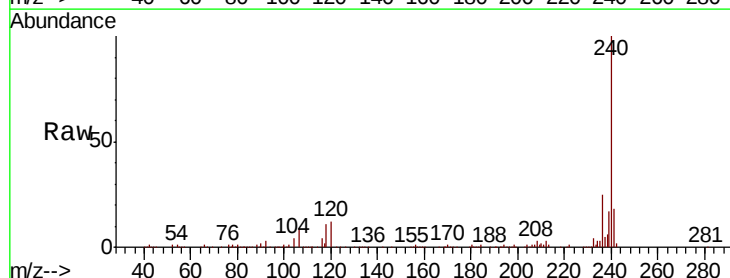
Tgt Ion:240 Resp: 365055

Ion Ratio Lower Upper

240 100

120 12.2 12.2 18.2

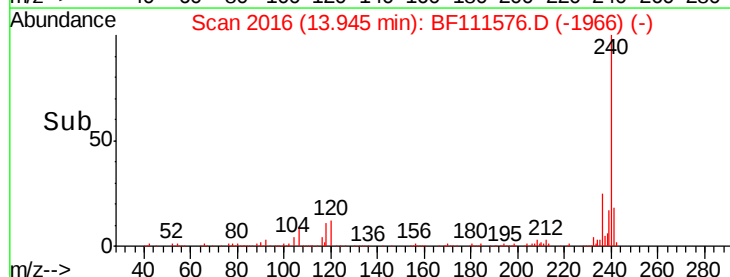
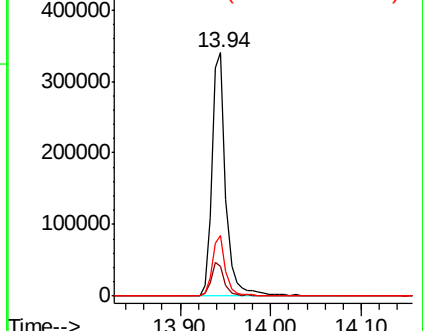
236 25.0 20.2 30.2

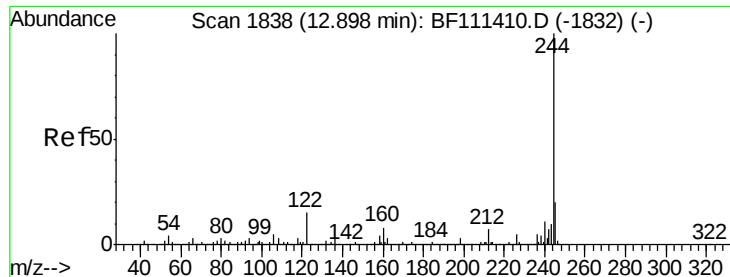


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.036 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111576.D

Acq: 18 Dec 2018 9:16

Instrument :

BNA_F

ClientSampleId :

PB115763TB

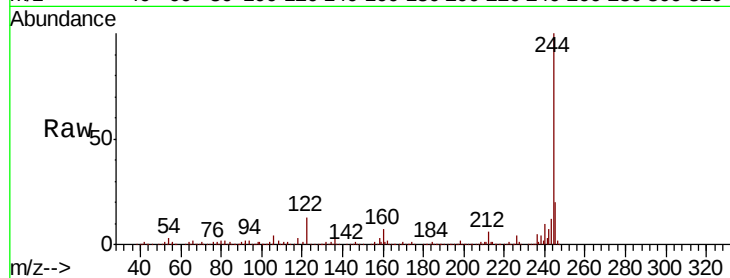
Tot Ion:244 Resp: 1166496

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

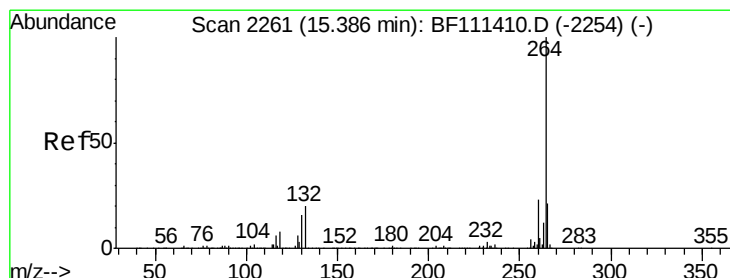
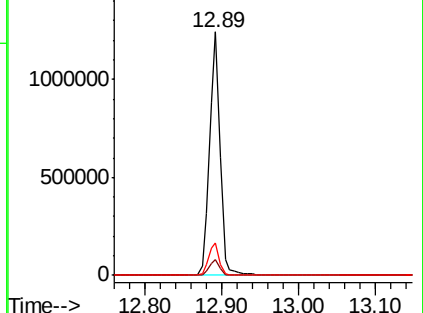
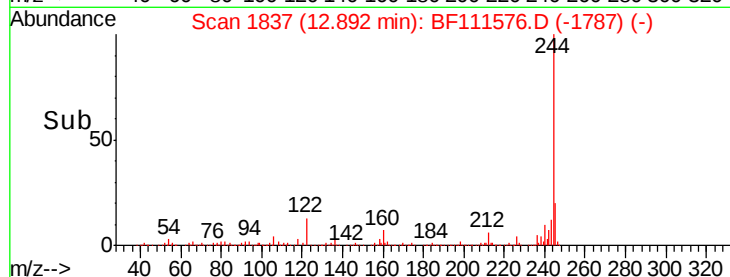
122 13.4 13.1 19.7



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: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111576.D

Acq: 18 Dec 2018 9:16

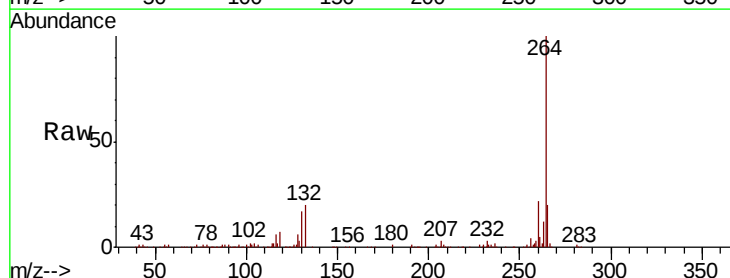
Tgt Ion:264 Resp: 276476

Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

265 19.7 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

