

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115539.D
 Acq On : 12 Jul 2019 21:05
 Operator : HP/JU
 Sample : K3626-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071119-B

Quant Time: Jul 13 02:33:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	146682	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	516055	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	225873	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	361157	20.00	ng	0.00
76) Chrysene-d12	14.04	240	302933	20.00	ng	-0.01
87) Perylene-d12	15.52	264	332547	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	992799	110.71	ng	0.01
7) Phenol-d6	6.51	99	1132682	99.54	ng	0.00
23) Nitrobenzene-d5	7.45	82	889338	100.21	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	324048	122.91	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1531297	118.66	ng	0.00
79) Terphenyl-d14	12.99	244	1374282	83.71	ng	0.00

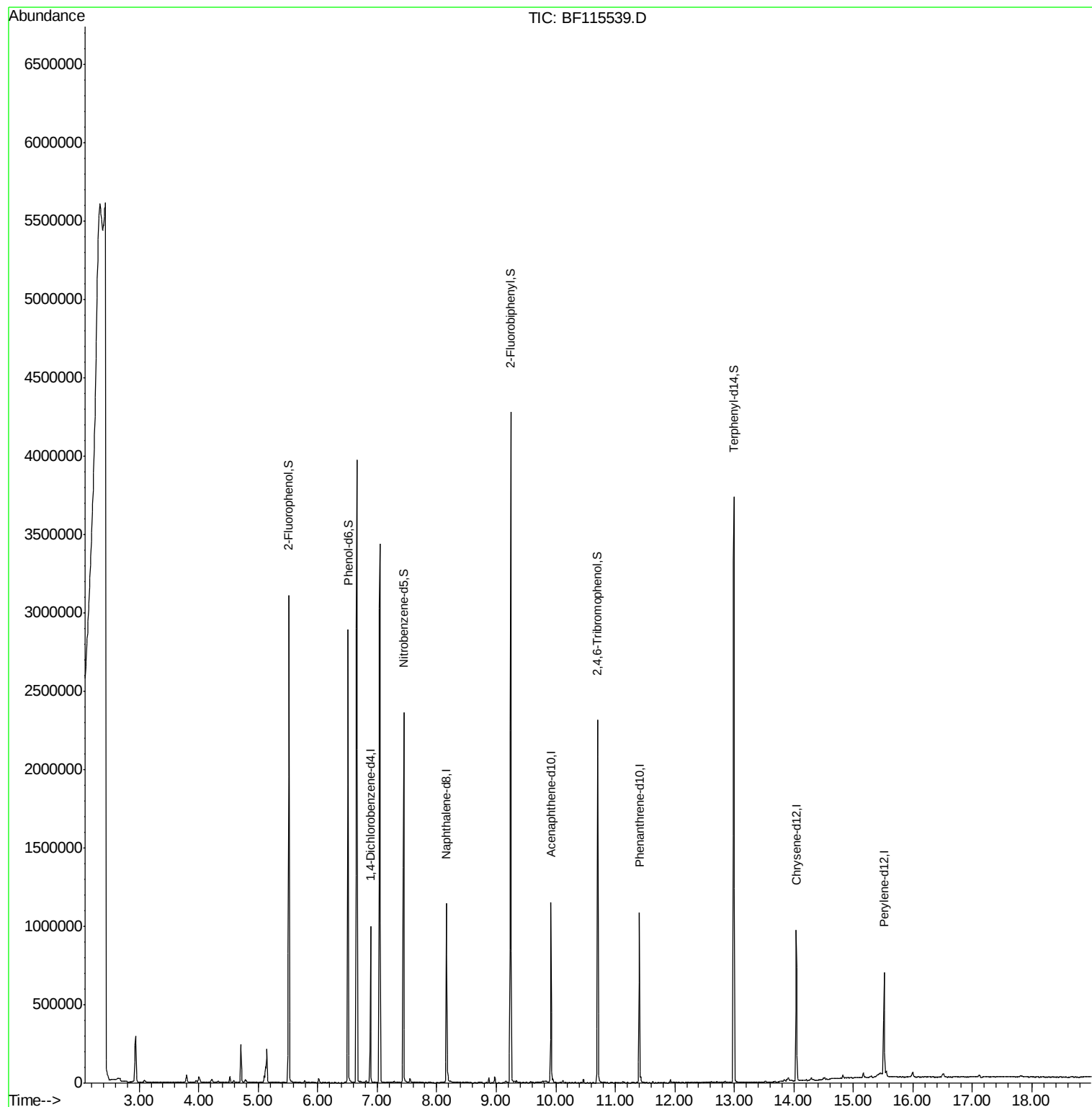
Target Compounds Qvalue

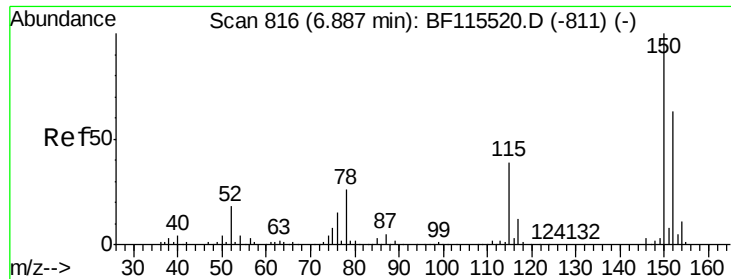
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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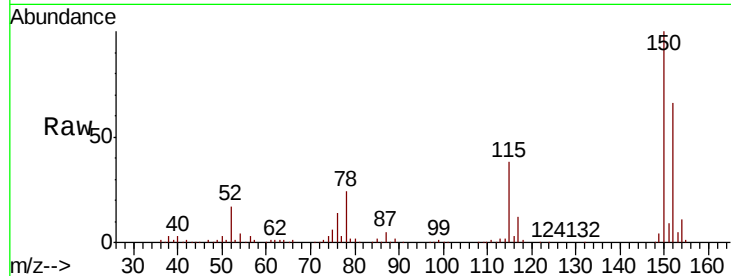


#1

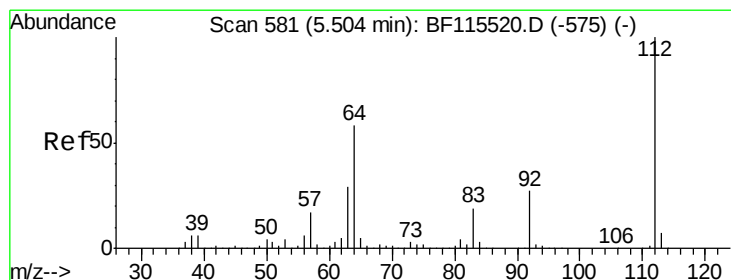
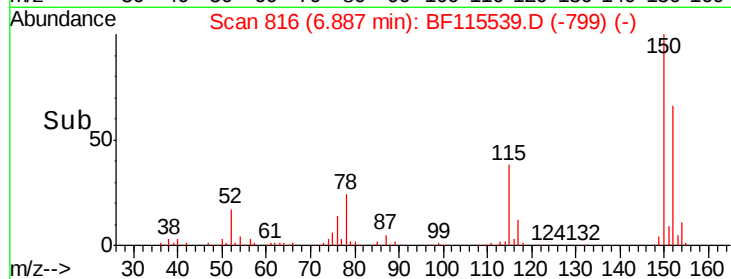
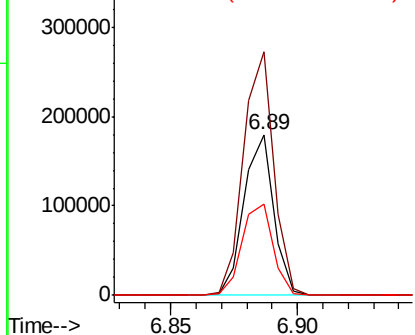
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF115539.D
 Acq: 12 Jul 2019 21:05

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071119-B

Tot Ion:152 Resp: 146682
 Ion Ratio Lower Upper
 152 100
 150 151.6 129.7 194.5
 115 57.1 48.2 72.4



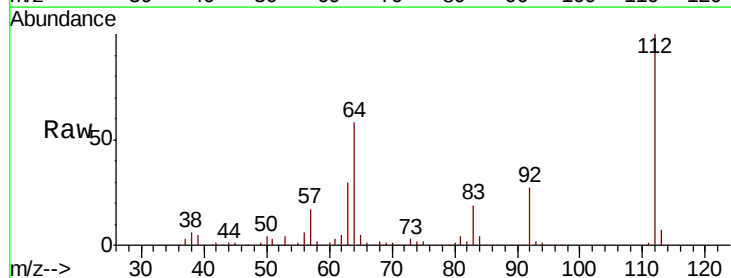
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



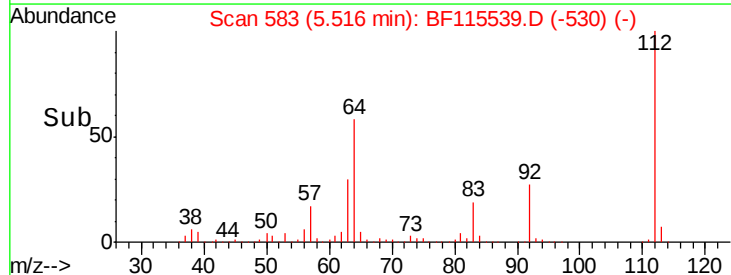
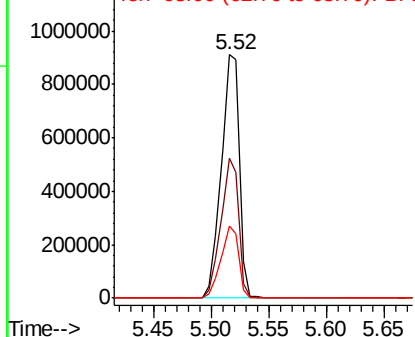
#5

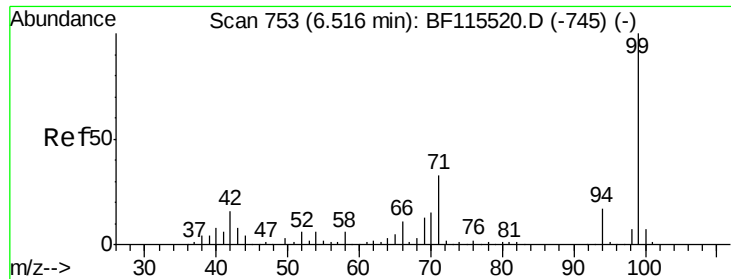
2-Fluorophenol
 Concen: 110.711 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF115539.D
 Acq: 12 Jul 2019 21:05

Tgt Ion:112 Resp: 992799
 Ion Ratio Lower Upper
 112 100
 64 57.6 46.8 70.2
 63 29.5 24.1 36.1



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: 99.544 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115539.D

Acq: 12 Jul 2019 21:05

Instrument :

BNA_F

ClientSampleId :

SU-04-071119-B

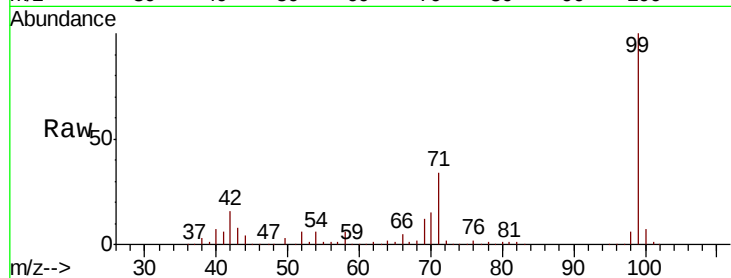
Tot Ion: 99 Resp: 1132682

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

71 34.0 28.5 42.7

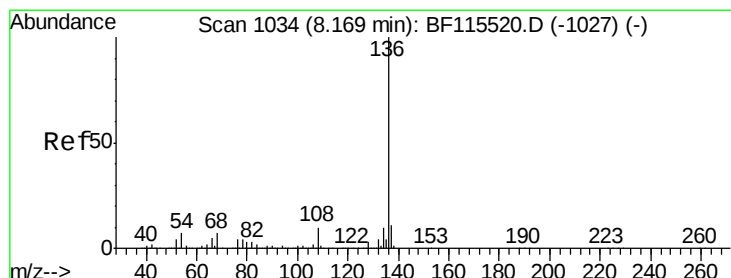
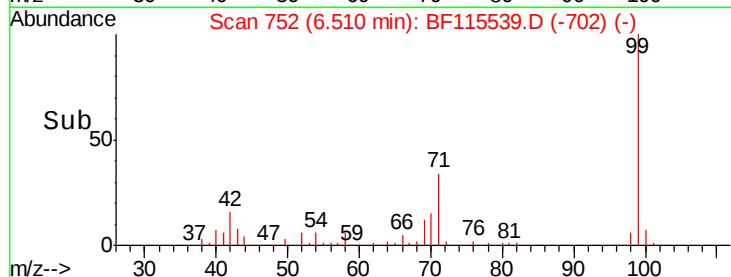
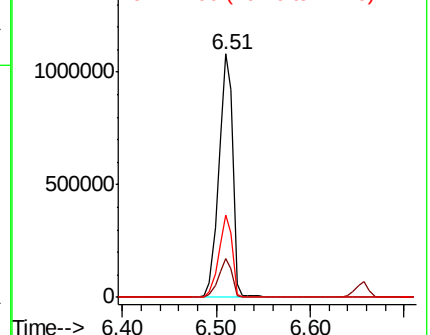


Abundance

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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115539.D

Acq: 12 Jul 2019 21:05

Tgt Ion: 136 Resp: 516055

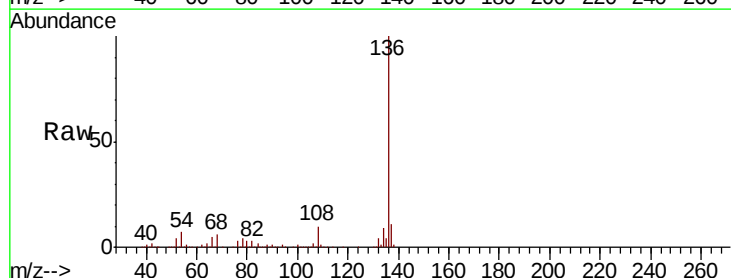
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.9 5.6 8.4

68 6.2 5.0 7.6



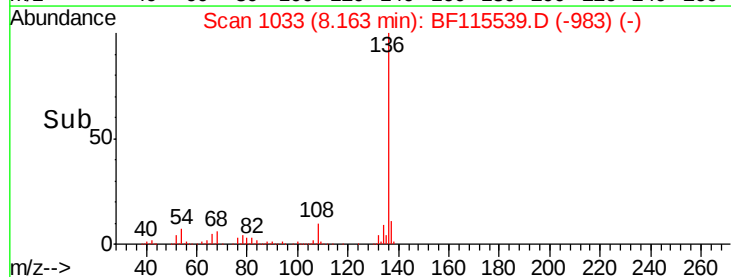
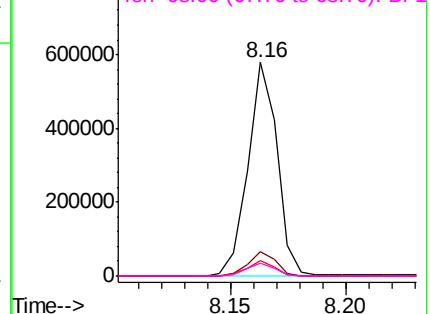
Abundance

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

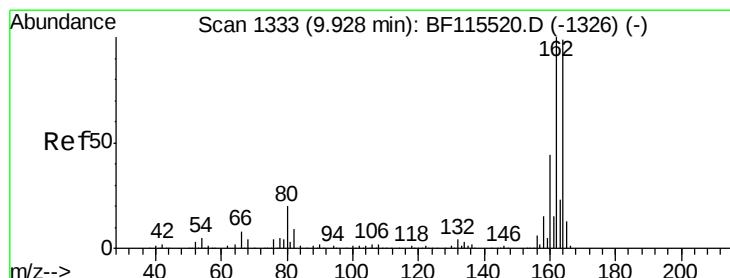
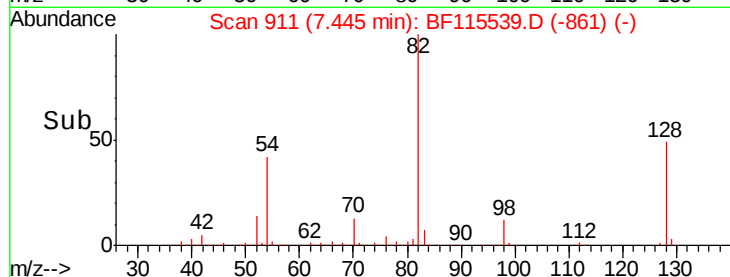
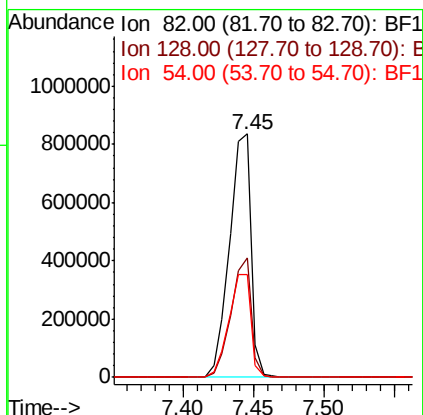
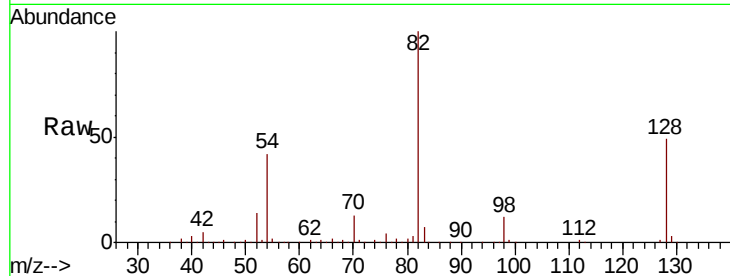




#23
 Nitrobenzene-d5
 Concen: 100.206 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115539.D
 Acq: 12 Jul 2019 21:05

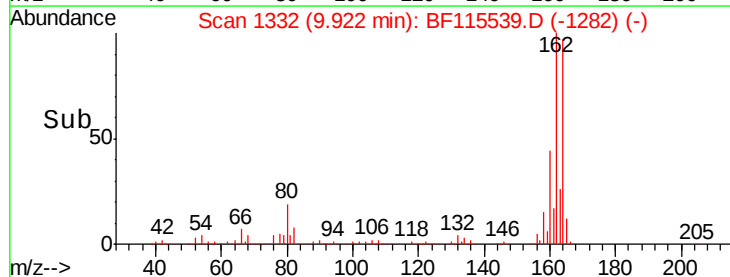
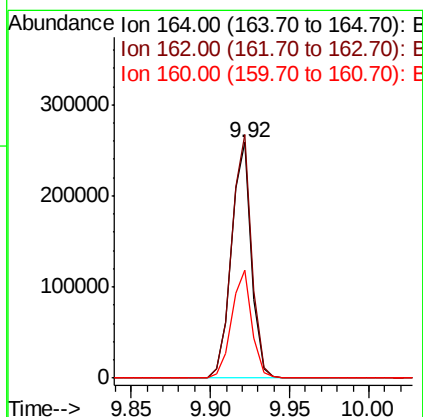
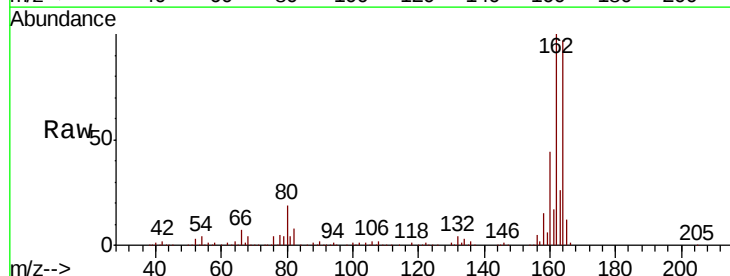
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071119-B

Tot Ion: 82 Resp: 889338
 Ion Ratio Lower Upper
 82 100
 128 49.3 38.6 57.8
 54 42.0 35.6 53.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF115539.D
 Acq: 12 Jul 2019 21:05

Tgt Ion: 164 Resp: 225873
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.9 124.3
 160 45.6 36.8 55.2

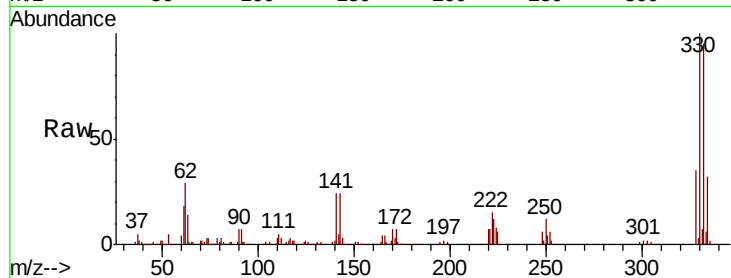




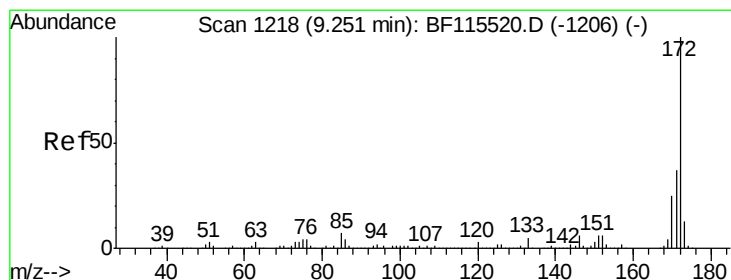
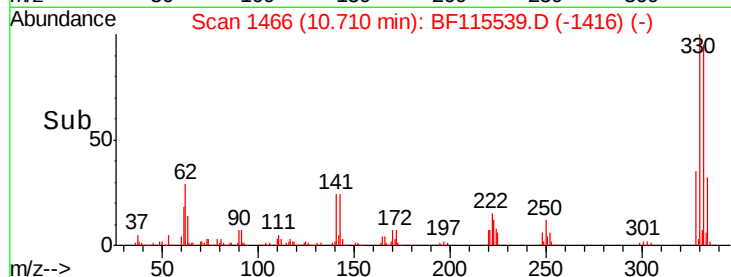
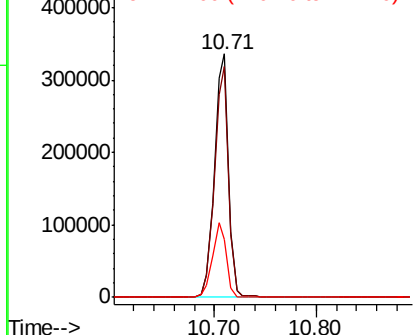
#42
2,4,6-Tribromophenol
Concen: 122.909 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115539.D
Acq: 12 Jul 2019 21:05

Instrument :
BNA_F
ClientSampleId :
SU-04-071119-B

Tot Ion:330 Resp: 324048
Ion Ratio Lower Upper
330 100
332 94.5 77.4 116.2
141 30.2 22.4 33.6

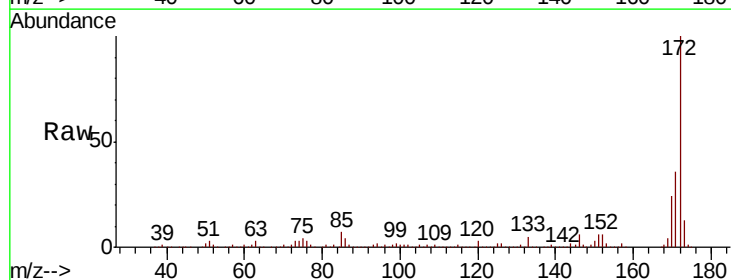


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

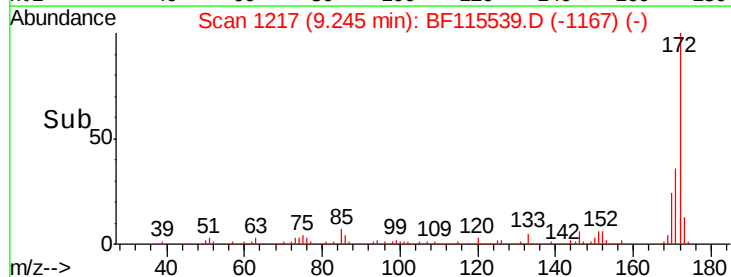
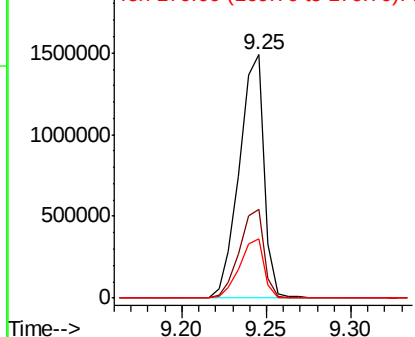


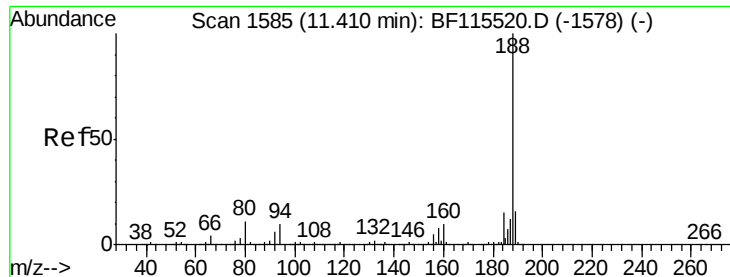
#45
2-Fluorobiphenyl
Concen: 118.660 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115539.D
Acq: 12 Jul 2019 21:05

Tgt Ion:172 Resp: 1531297
Ion Ratio Lower Upper
172 100
171 36.3 30.6 46.0
170 24.4 20.5 30.7



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

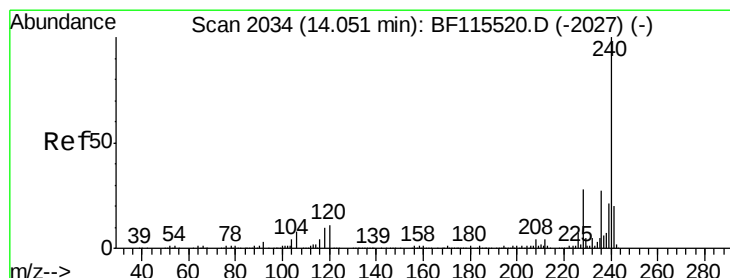
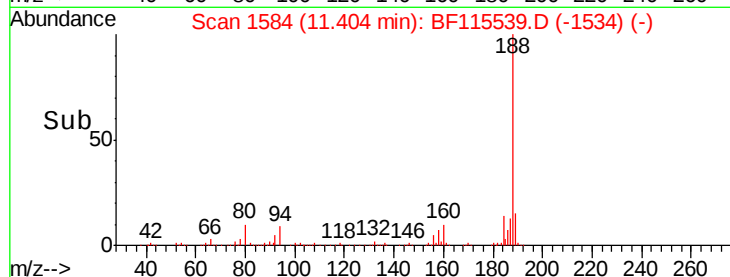
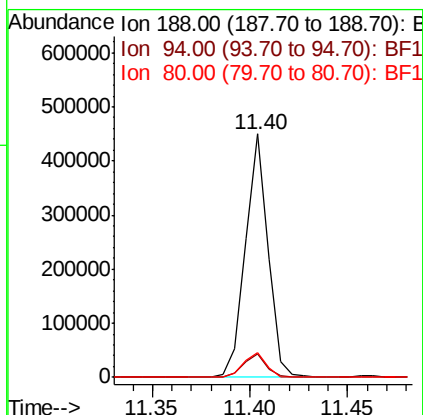
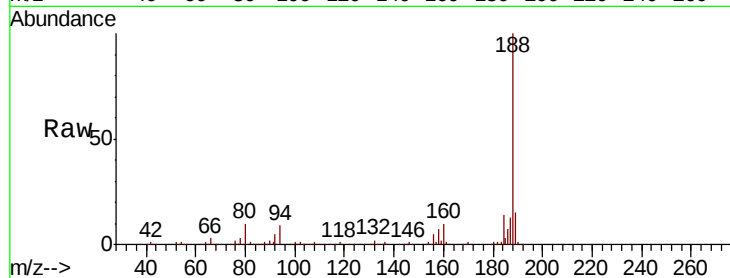




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115539.D
Acq: 12 Jul 2019 21:05

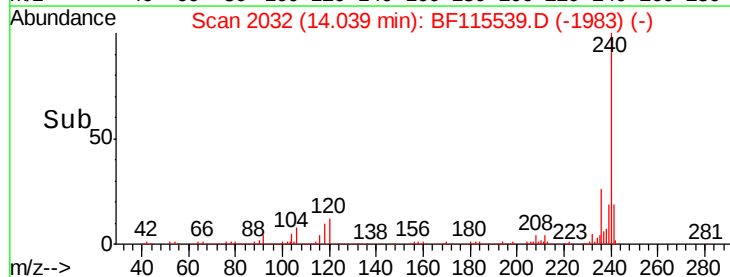
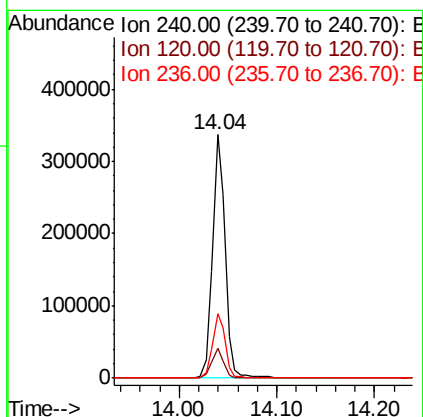
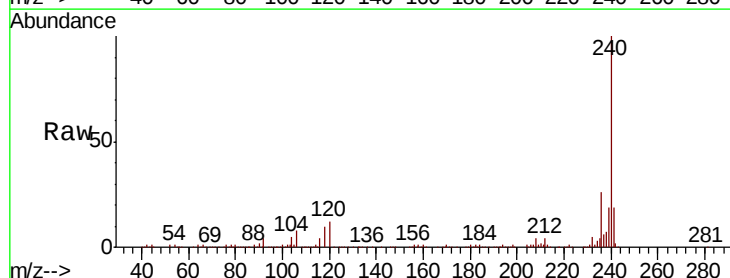
Instrument :
BNA_F
ClientSampleId :
SU-04-071119-B

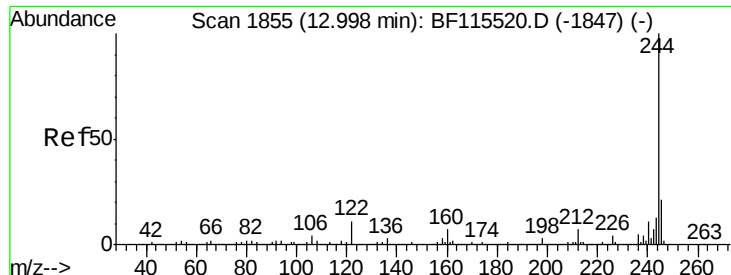
Tot Ion:188 Resp: 361157
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 10.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115539.D
Acq: 12 Jul 2019 21:05

Tgt Ion:240 Resp: 302933
Ion Ratio Lower Upper
240 100
120 12.2 8.6 13.0
236 26.3 21.3 31.9





#79

Terphenyl-d14

Concen: 83.708 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115539.D

Acq: 12 Jul 2019 21:05

Instrument :

BNA_F

ClientSampleId :

SU-04-071119-B

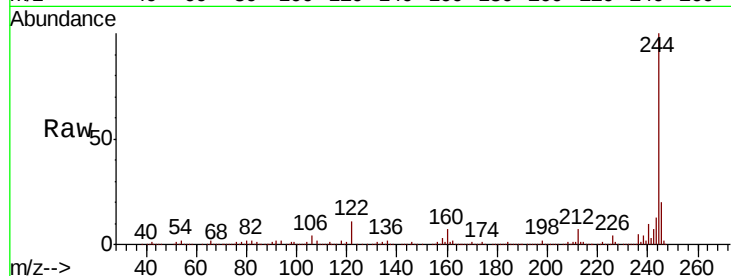
Tot Ion:244 Resp: 1374282

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

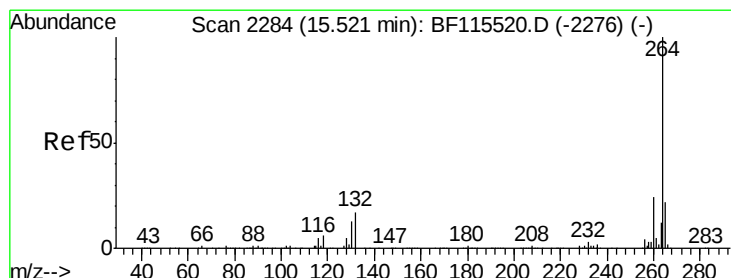
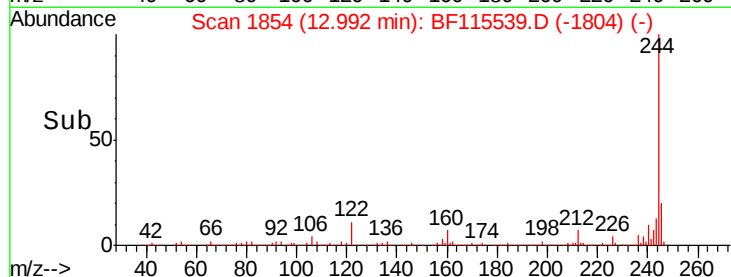
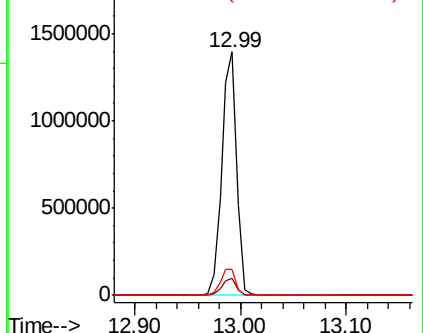
122 10.8 8.6 12.8



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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115539.D

Acq: 12 Jul 2019 21:05

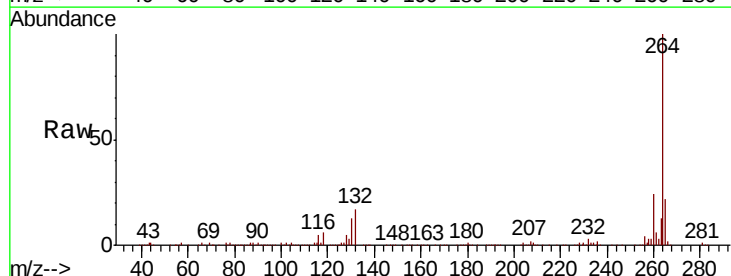
Tgt Ion:264 Resp: 332547

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

265 22.2 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

