

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115498.D
 Acq On : 11 Jul 2019 14:41
 Operator : HP/JU
 Sample : K3636-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP19-LF3MW3

Quant Time: Jul 12 04:35:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	155013	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	602364	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	300900	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	609062	20.00	ng	0.00
76) Chrysene-d12	14.05	240	428543	20.00	ng	-0.02
87) Perylene-d12	15.53	264	364246	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	518032	51.63	ng	0.00
7) Phenol-d6	6.51	99	422628	33.12	ng	-0.01
23) Nitrobenzene-d5	7.45	82	916523	89.90	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	336897	101.26	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1618763	94.40	ng	0.00
79) Terphenyl-d14	13.00	244	1919608	91.72	ng	0.00

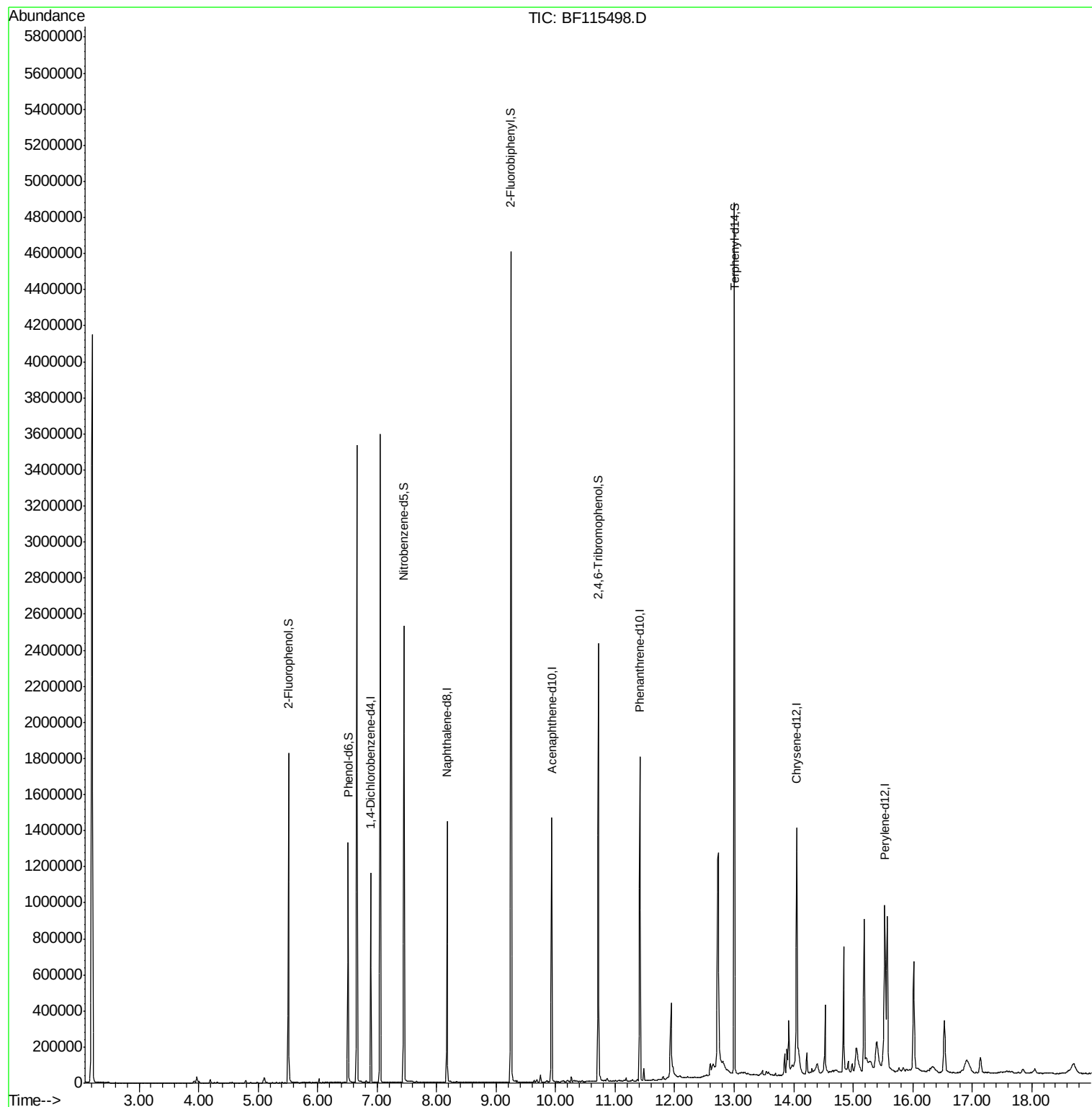
Target Compounds Qvalue

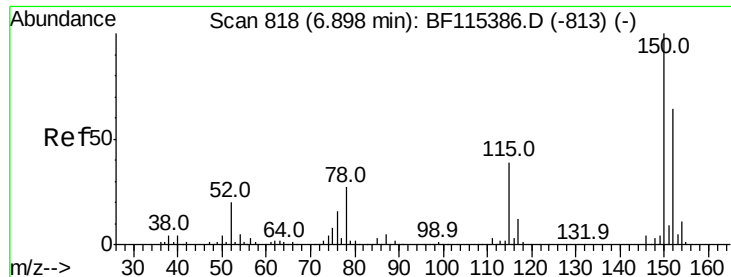
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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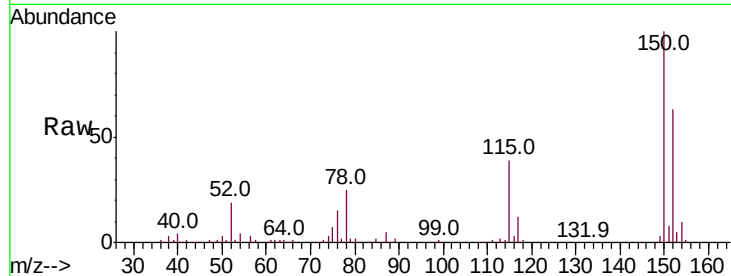


#1

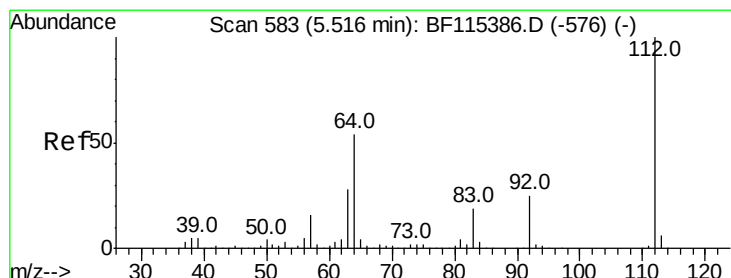
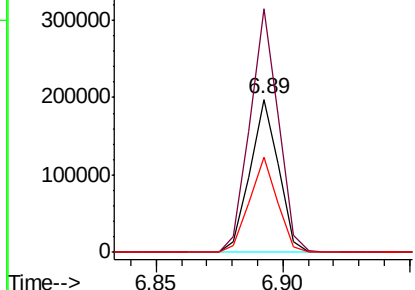
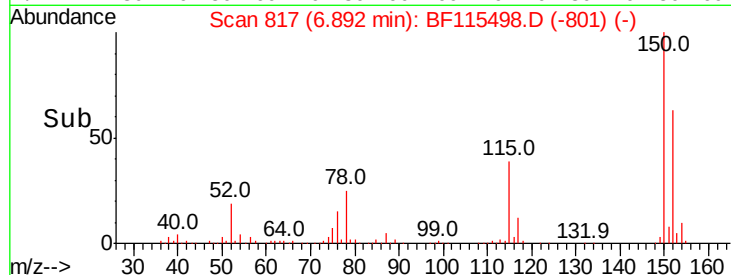
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115498.D
Acq: 11 Jul 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SP19-LF3MW3

Tot Ion:152 Resp: 155013
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.2
115 62.1 46.2 69.4



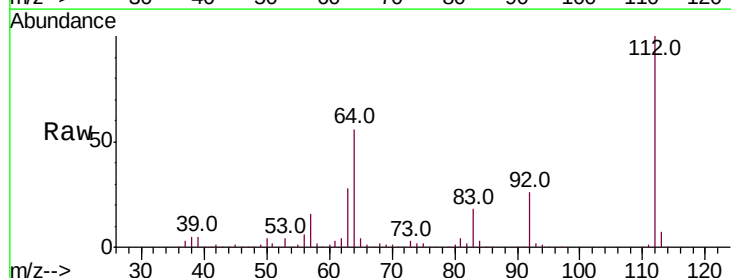
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



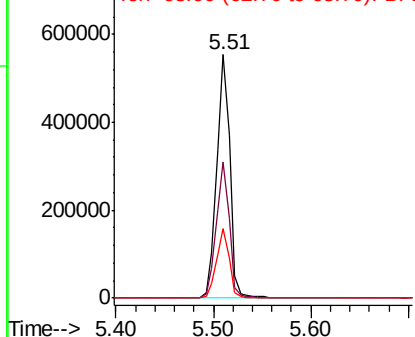
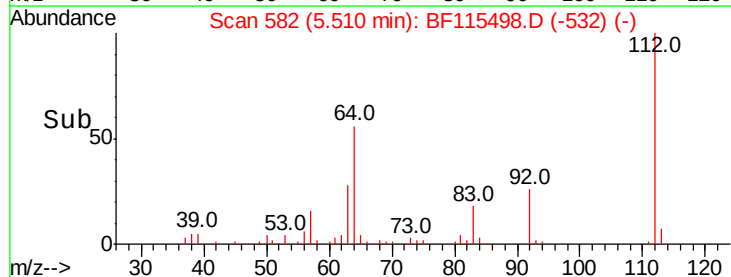
#5

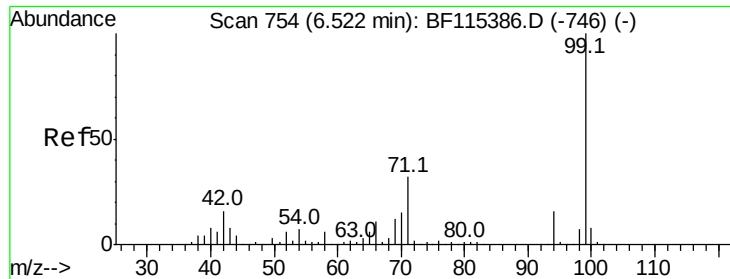
2-Fluorophenol
Concen: 51.633 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF115498.D
Acq: 11 Jul 2019 14:41

Tgt Ion:112 Resp: 518032
Ion Ratio Lower Upper
112 100
64 55.7 44.2 66.2
63 28.3 22.1 33.1



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: 33.122 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115498.D

Acq: 11 Jul 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SP19-LF3MW3

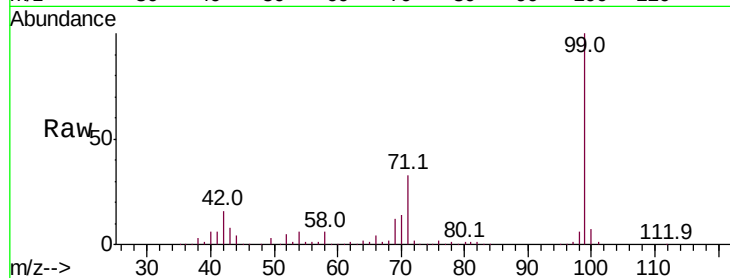
Tot Ion: 99 Resp: 422628

Ion Ratio Lower Upper

99 100

42 15.8 12.8 19.2

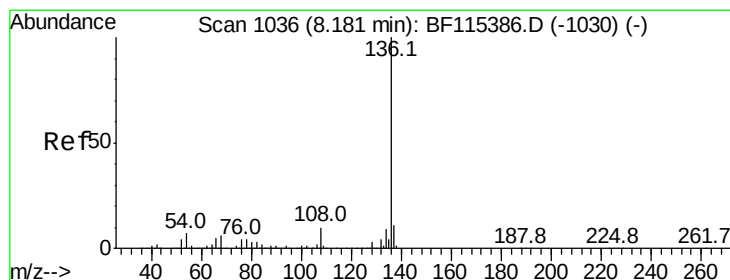
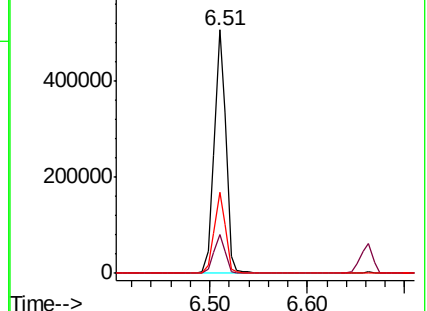
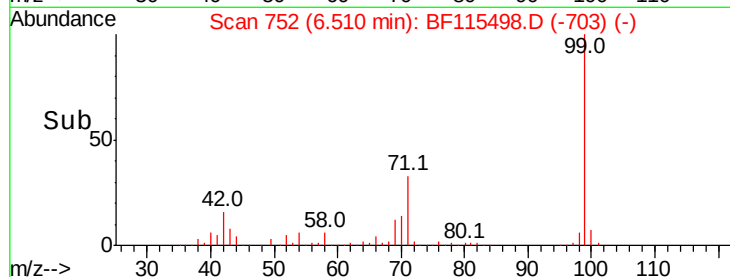
71 33.1 26.5 39.7



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115498.D

Acq: 11 Jul 2019 14:41

Tgt Ion: 136 Resp: 602364

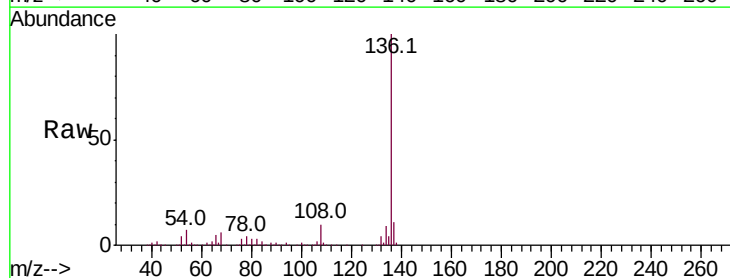
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.8 5.4 8.0

68 6.0 4.8 7.2

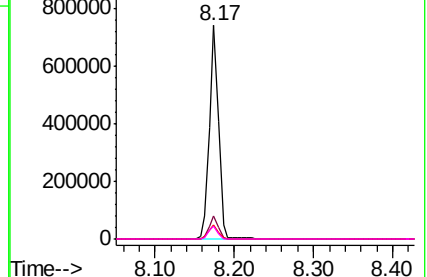
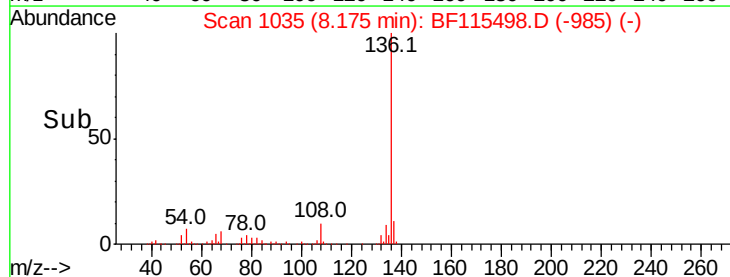


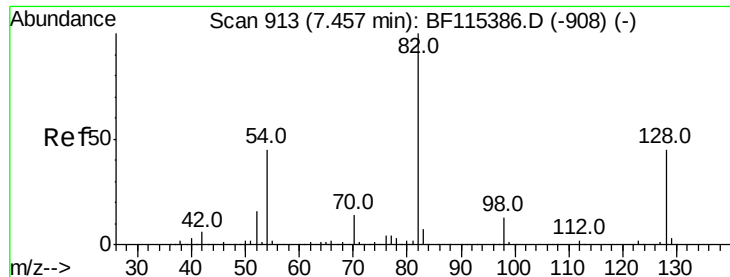
Abundance Ion 136.00 (135.70 to 136.70): E

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

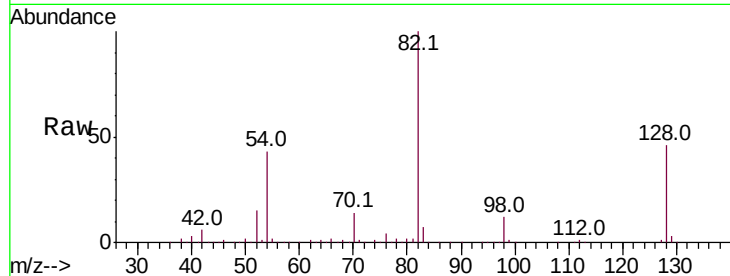




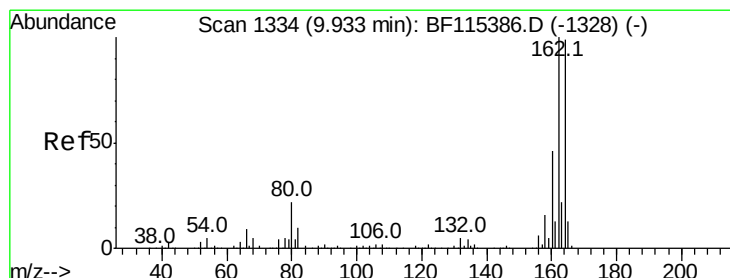
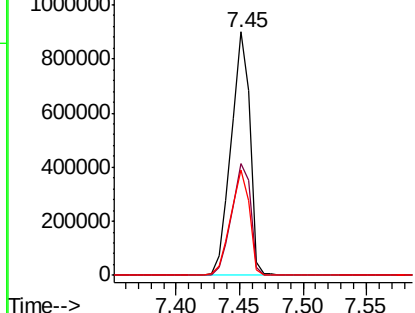
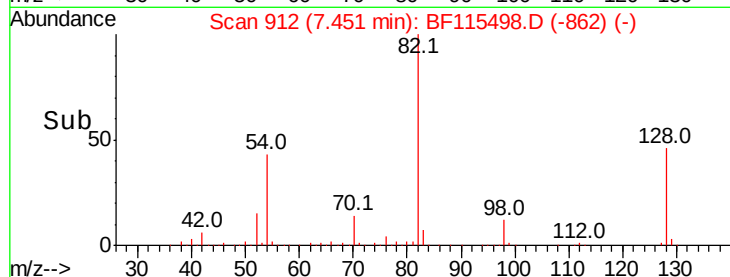
#23
 Nitrobenzene-d5
 Concen: 89.898 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115498.D
 Acq: 11 Jul 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 SP19-LF3MW3

Tot Ion	82	Resp	916523
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.7	55.1
54	43.5	35.6	53.4

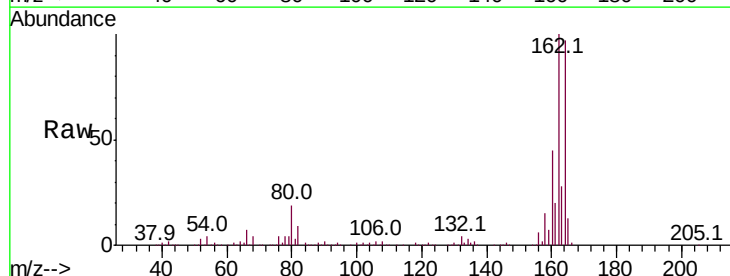


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

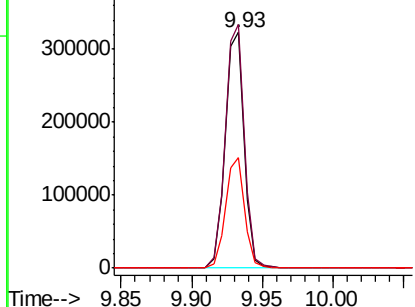
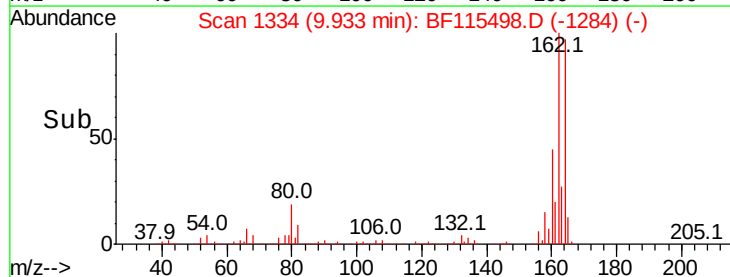


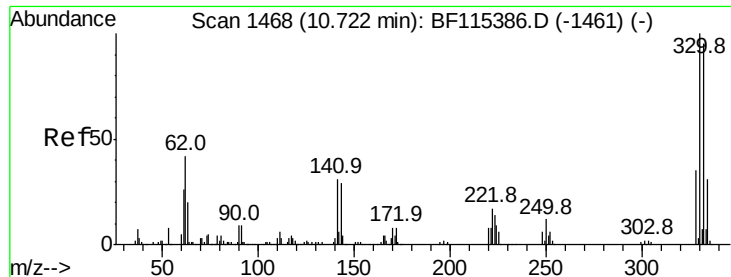
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF115498.D
 Acq: 11 Jul 2019 14:41

Tgt Ion	164	Resp	300900
Ion Ratio	Lower	Upper	
164	100		
162	103.3	82.3	123.5
160	46.6	37.2	55.8



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

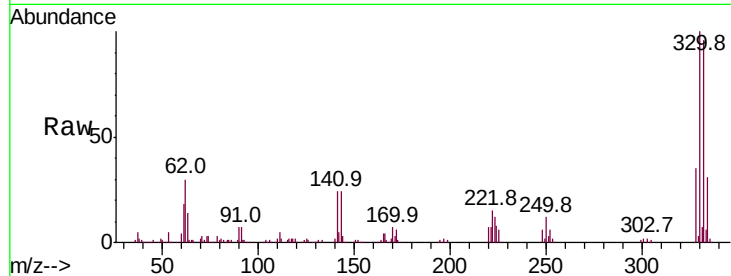




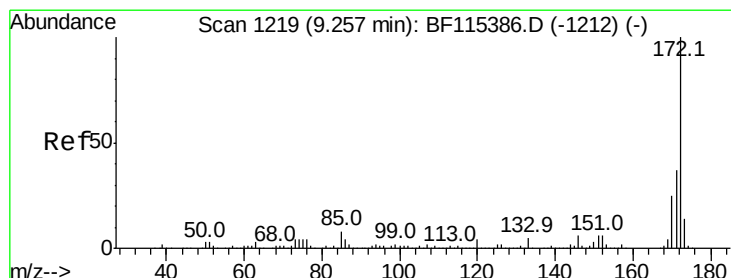
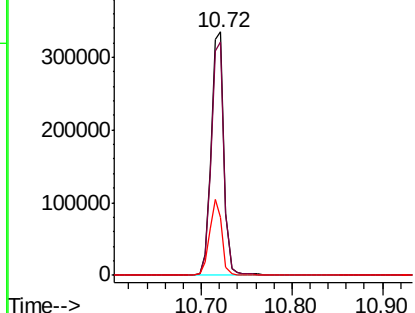
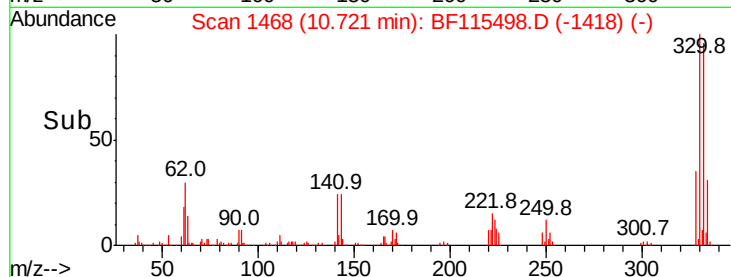
#42
 2,4,6-Tribromophenol
 Concen: 101.263 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF115498.D
 Acq: 11 Jul 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 SP19-LF3MW3

Tot Ion:330 Resp: 336897
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.0
 141 30.1 24.7 37.1

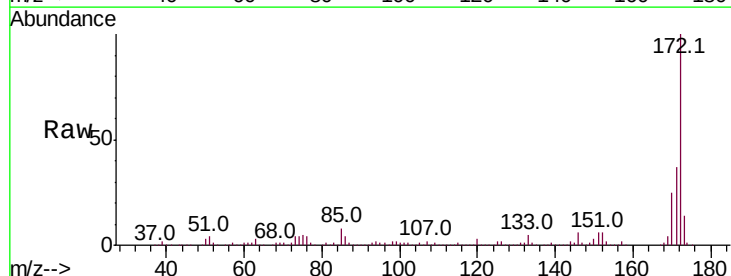


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

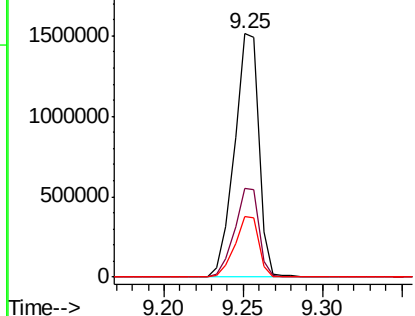
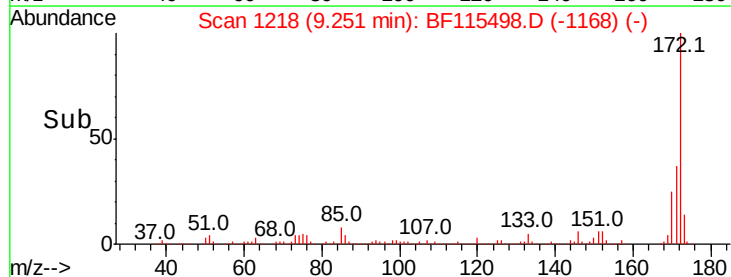


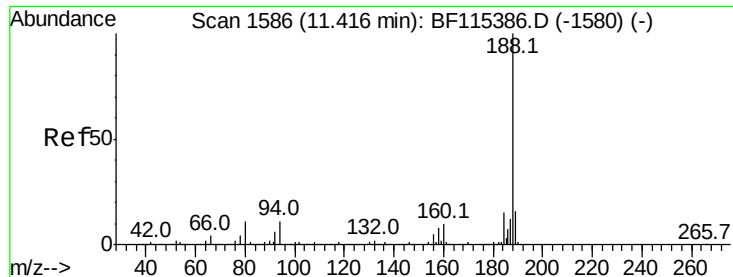
#45
 2-Fluorobiphenyl
 Concen: 94.401 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115498.D
 Acq: 11 Jul 2019 14:41

Tgt Ion:172 Resp: 1618763
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.8 44.8
 170 24.7 20.0 30.0



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

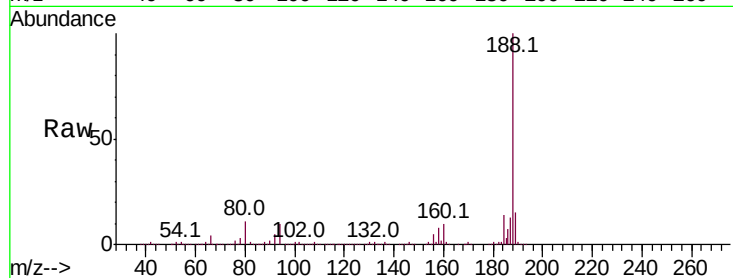




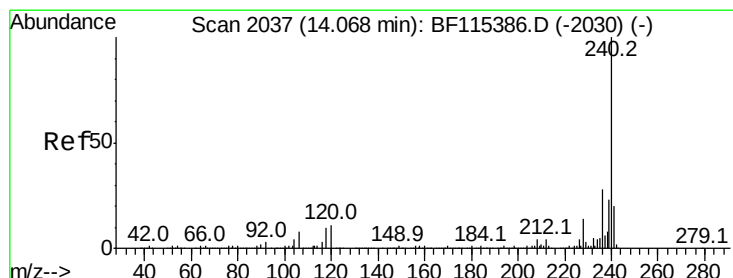
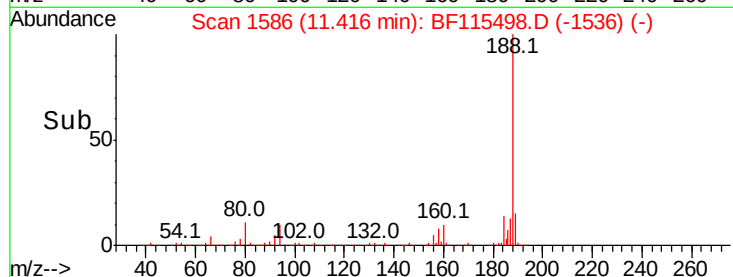
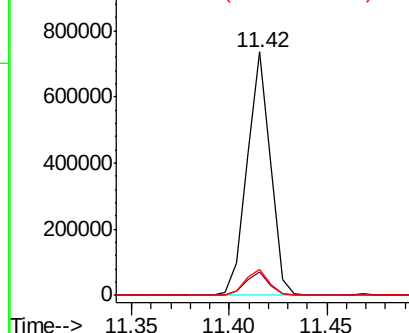
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115498.D
Acq: 11 Jul 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SP19-LF3MW3

Tot Ion:188 Resp: 609062
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.8
80 10.5 8.4 12.6

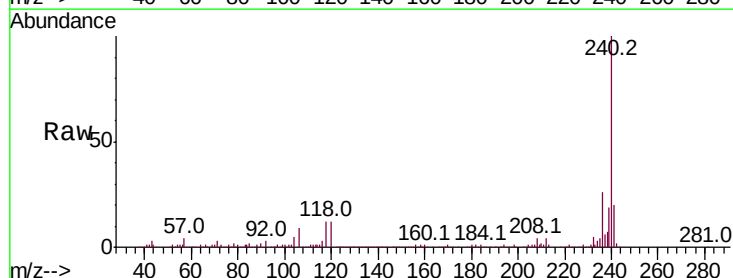


Abundance Ion 188.00 (187.70 to 188.70): E
1000000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

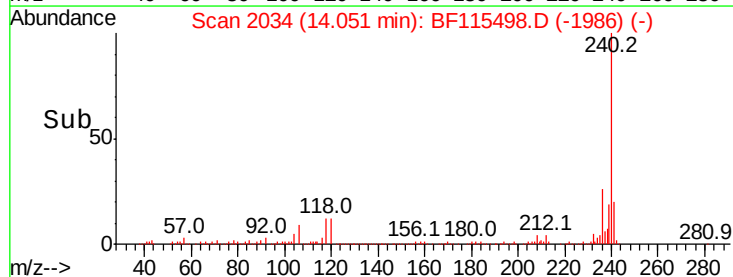
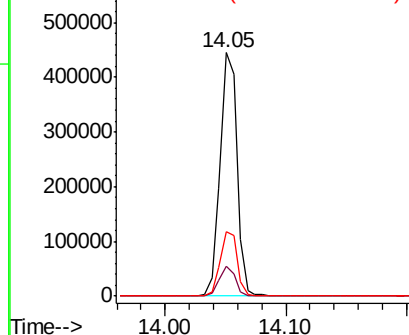


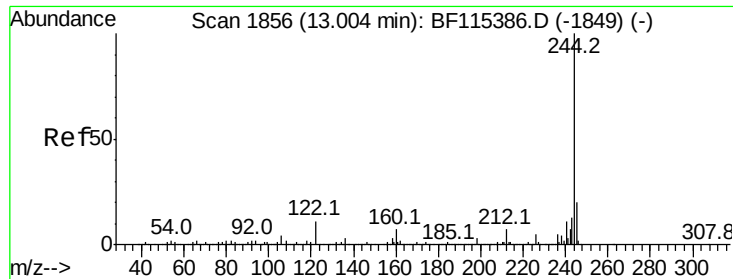
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115498.D
Acq: 11 Jul 2019 14:41

Tgt Ion:240 Resp: 428543
Ion Ratio Lower Upper
240 100
120 12.5 10.2 15.4
236 26.4 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.716 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115498.D

Acq: 11 Jul 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SP19-LF3MW3

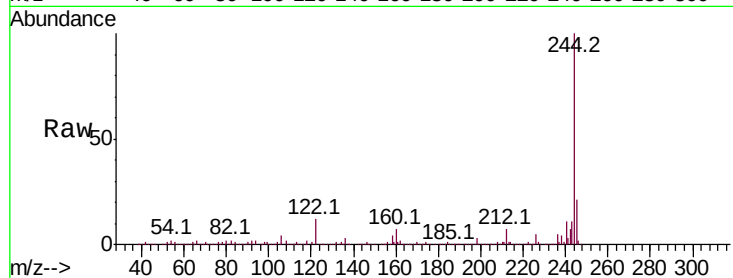
Tot Ion:244 Resp: 1919608

Ion Ratio Lower Upper

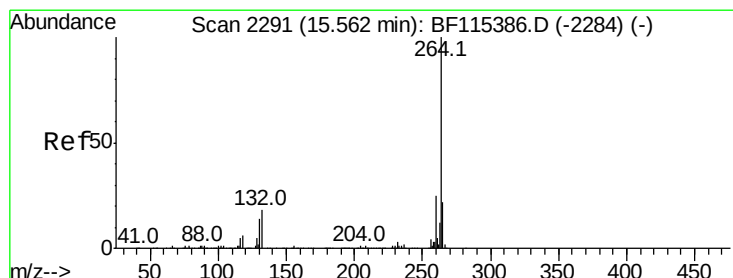
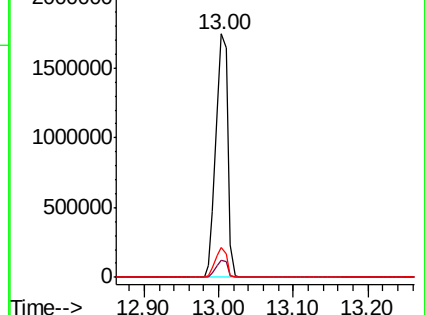
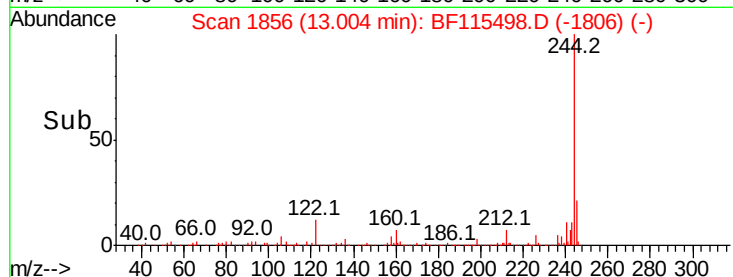
244 100

212 7.0 5.7 8.5

122 12.0 9.1 13.7



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: 15.53 min Scan# 2286

Delta R.T. -0.03 min

Lab File: BF115498.D

Acq: 11 Jul 2019 14:41

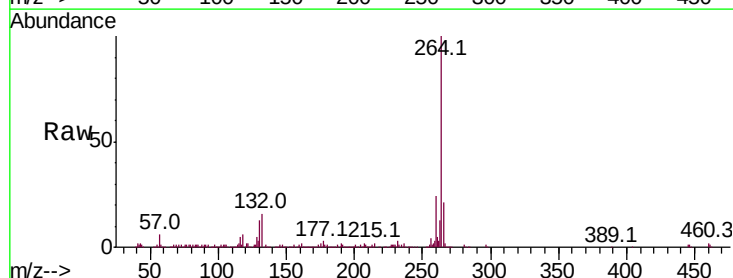
Tgt Ion:264 Resp: 364246

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

265 20.9 17.8 26.6



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

