

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115696.D
 Acq On : 20 Jul 2019 2:27
 Operator : HP/JU
 Sample : K3887-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC-7(2)

Quant Time: Jul 20 05:08:34 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	6.88	152	206165	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	624498	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	273864	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	421413	20.00	ng	0.00
76) Chrysene-d12	14.04	240	274365	20.00	ng	0.00
87) Perylene-d12	15.52	264	225390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1332848	105.75	ng	0.02
7) Phenol-d6	6.52	99	1541459	96.38	ng	0.00
23) Nitrobenzene-d5	7.45	82	1202622	111.98	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	364687	114.08	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1681168	107.44	ng	-0.01
79) Terphenyl-d14	12.99	244	1310595	88.14	ng	0.00

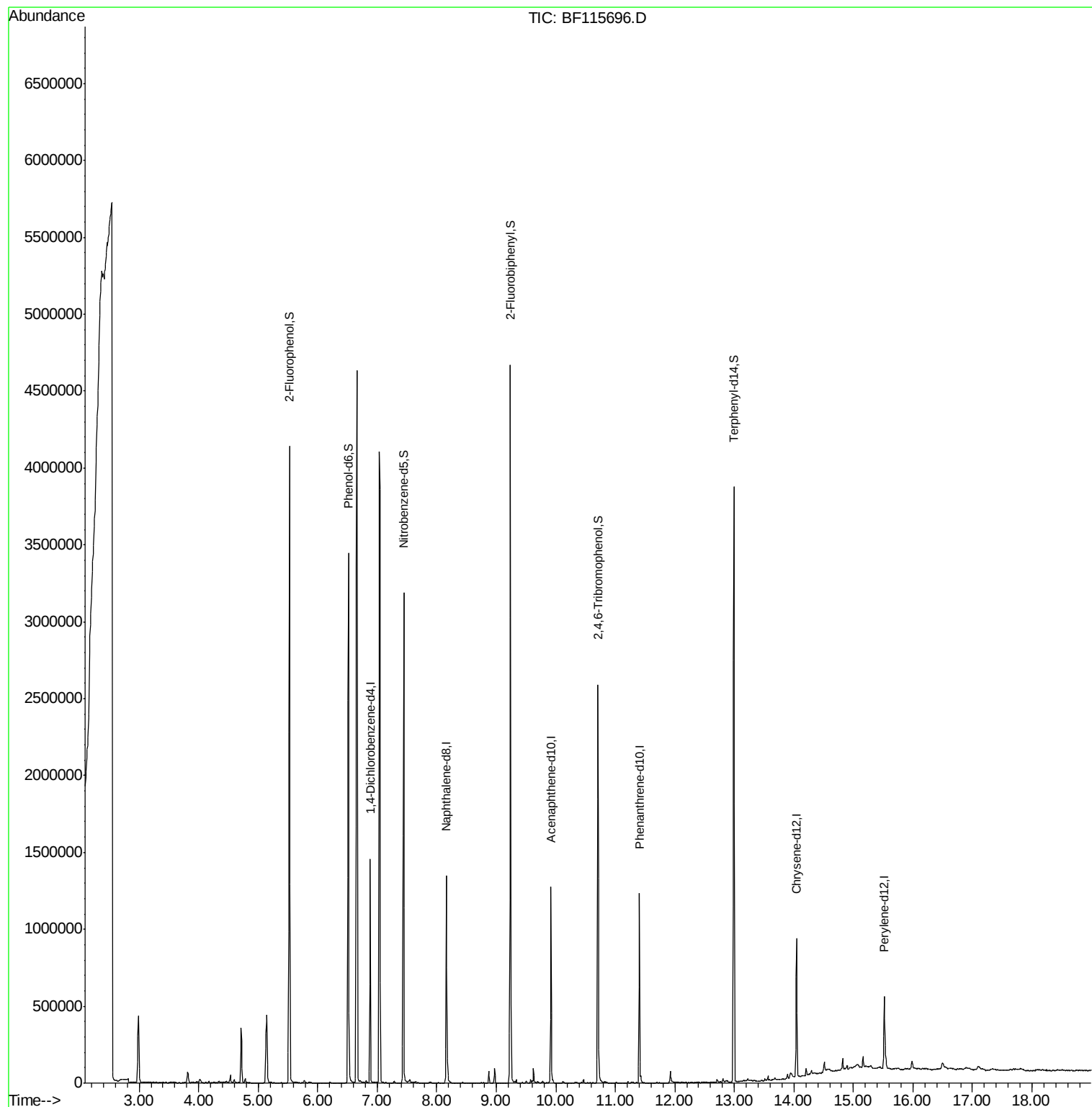
Target Compounds Qvalue

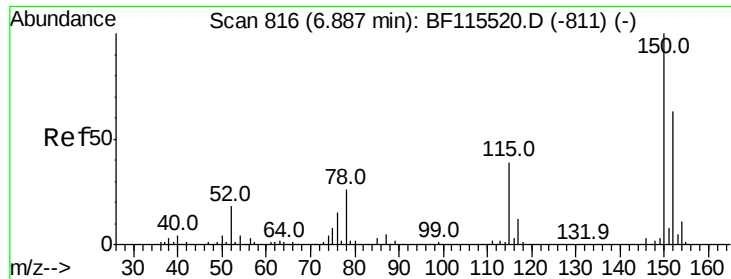
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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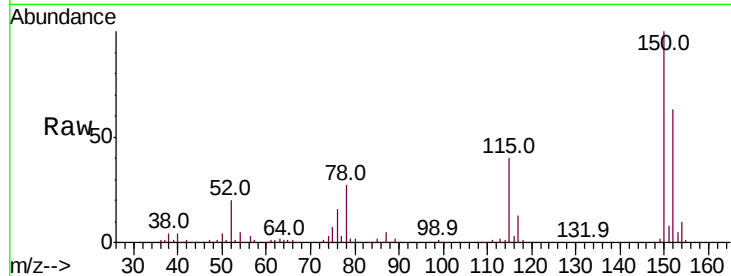


#1

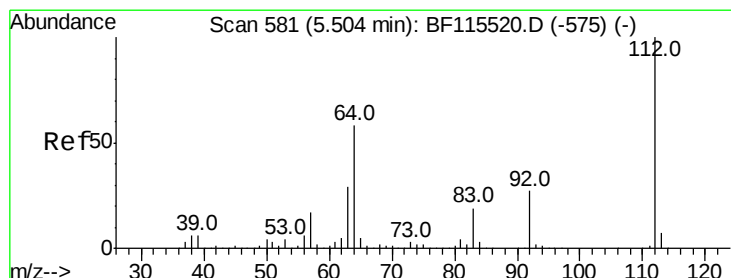
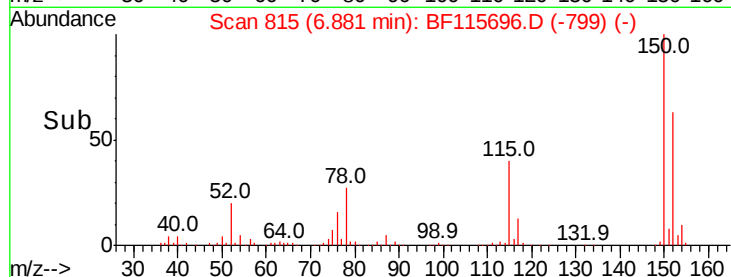
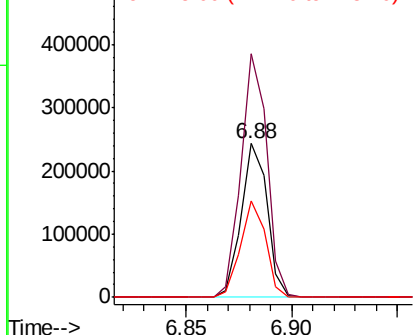
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115696.D
Acq: 20 Jul 2019 2:27

Instrument :
BNA_F
ClientSampleId :
AOC-7(2)

Tot Ion:152 Resp: 206165
Ion Ratio Lower Upper
152 100
150 158.7 129.7 194.5
115 63.2 48.2 72.4



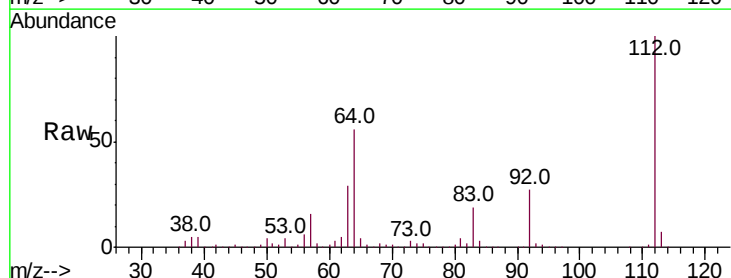
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



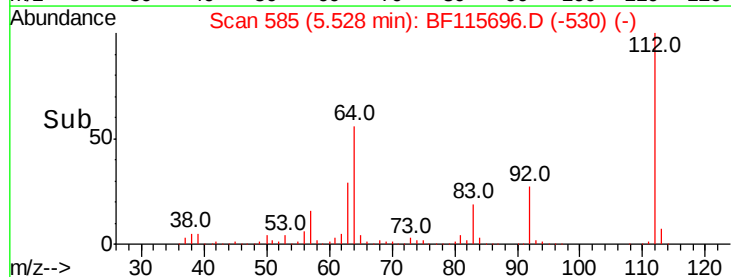
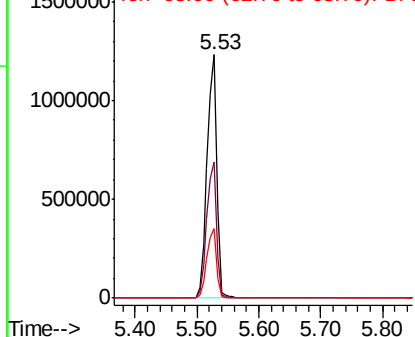
#5

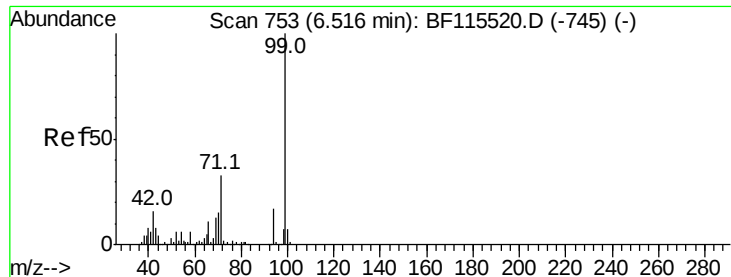
2-Fluorophenol
Concen: 105.748 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF115696.D
Acq: 20 Jul 2019 2:27

Tgt Ion:112 Resp: 1332848
Ion Ratio Lower Upper
112 100
64 55.9 46.8 70.2
63 28.8 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: 96.383 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115696.D

Acq: 20 Jul 2019 2:27

Instrument :

BNA_F

ClientSampleId :

AOC-7(2)

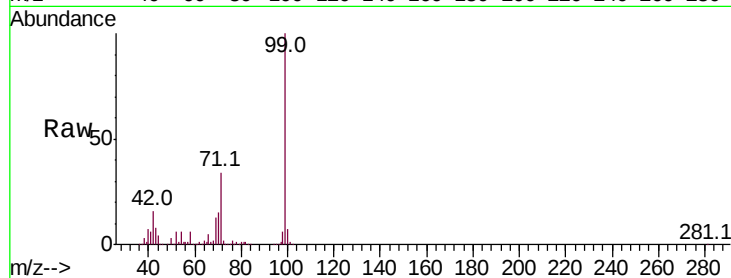
Tot Ion: 99 Resp: 1541459

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

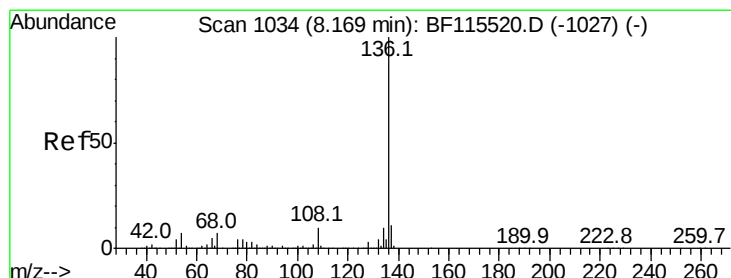
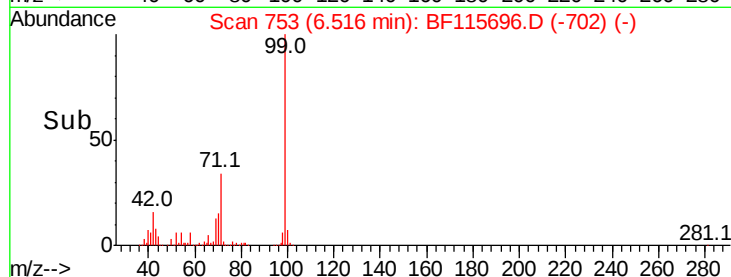
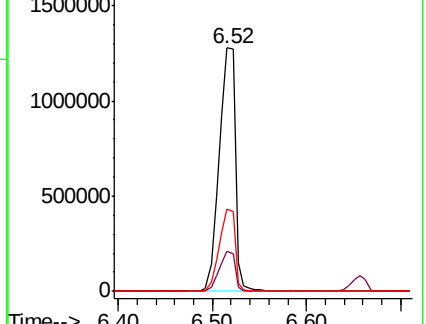
71 33.9 28.5 42.7



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: BF115696.D

Acq: 20 Jul 2019 2:27

Tgt Ion: 136 Resp: 624498

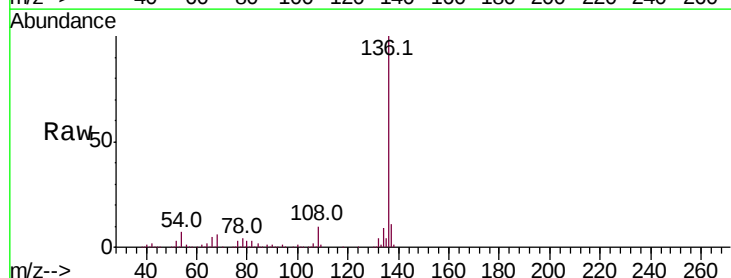
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.5 5.6 8.4

68 5.9 5.0 7.6

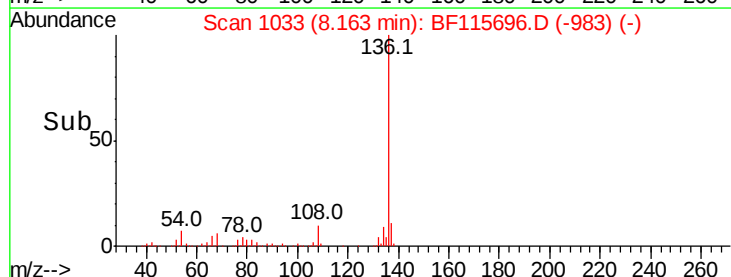
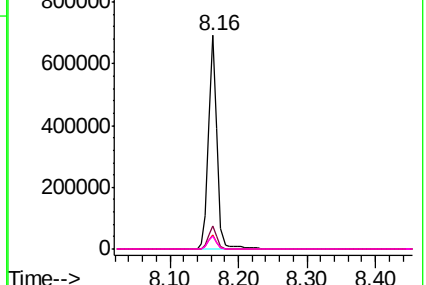


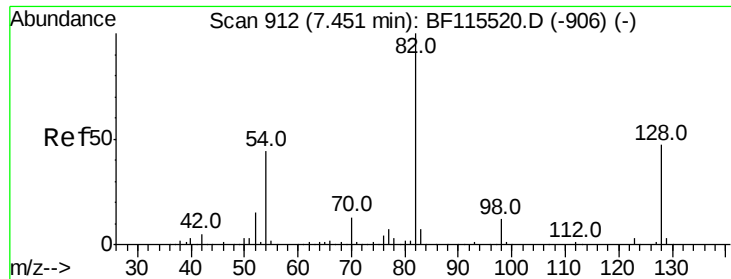
Abundance Ion 136.00 (135.70 to 136.70): E

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

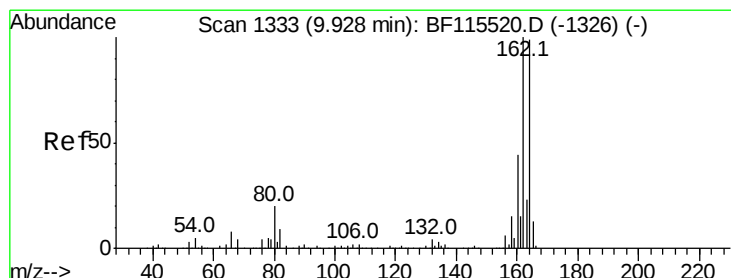
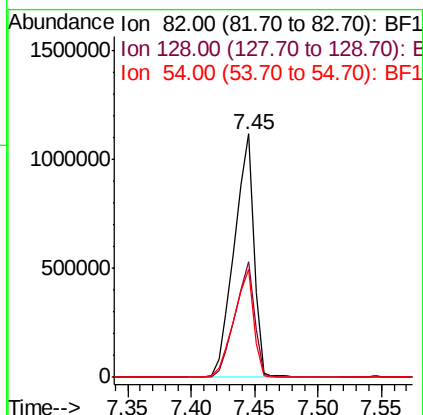
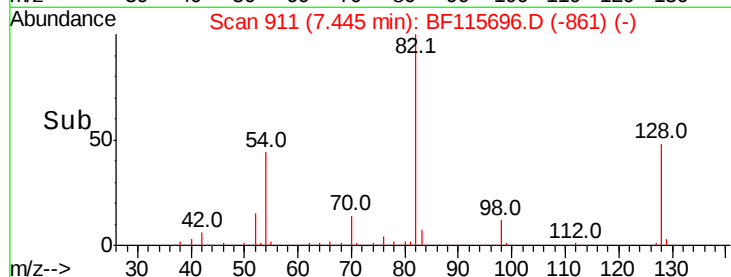
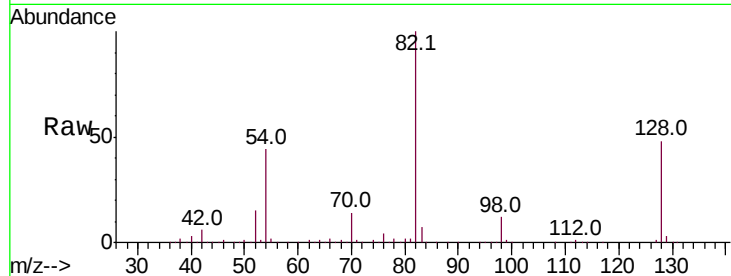




#23
Nitrobenzene-d5
Concen: 111.975 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115696.D
Acq: 20 Jul 2019 2:27

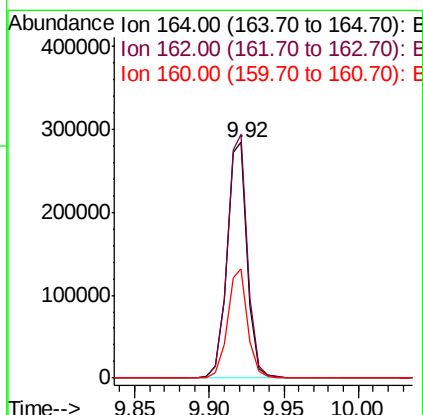
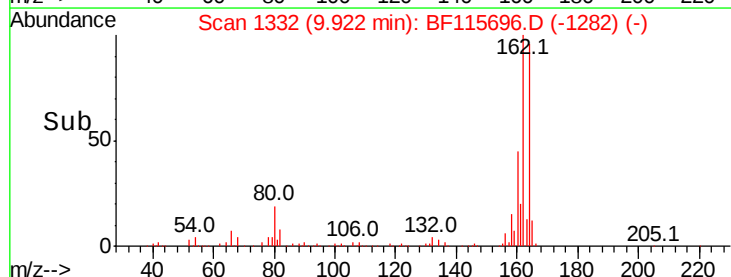
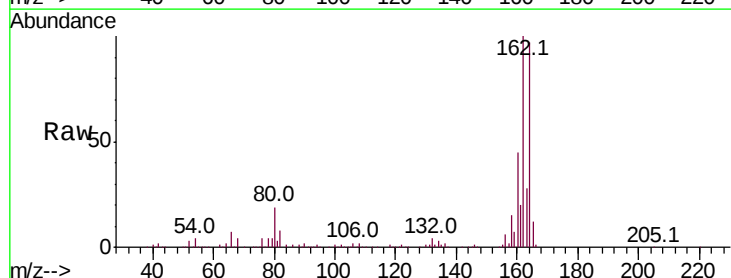
Instrument :
BNA_F
ClientSampleId :
AOC-7(2)

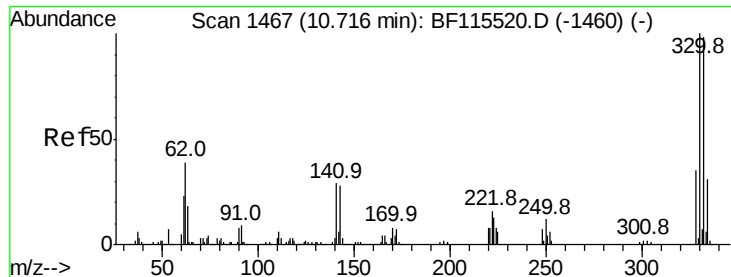
Tot Ion: 82 Resp: 1202622
Ion Ratio Lower Upper
82 100
128 47.6 38.6 57.8
54 44.4 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115696.D
Acq: 20 Jul 2019 2:27

Tgt Ion:164 Resp: 273864
Ion Ratio Lower Upper
164 100
162 103.2 82.9 124.3
160 46.1 36.8 55.2

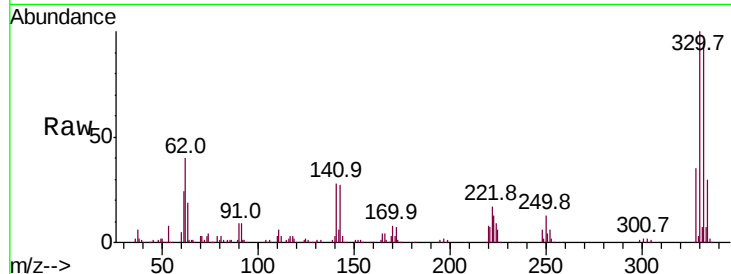




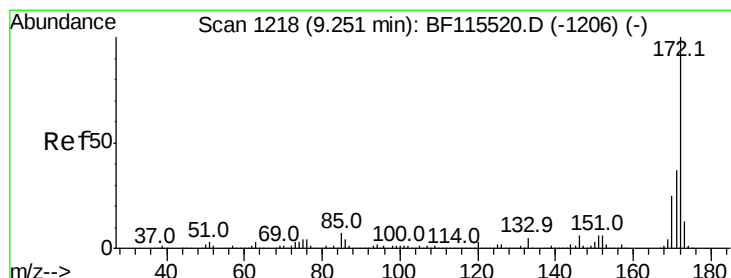
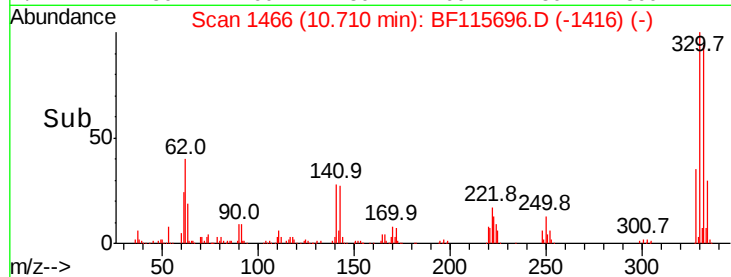
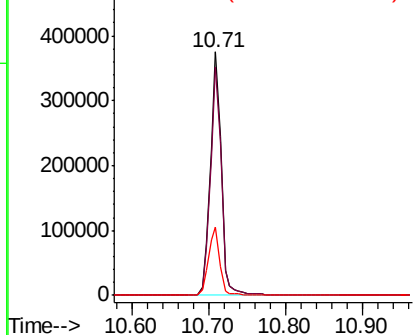
#42
 2,4,6-Tribromophenol
 Concen: 114.084 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115696.D
 Acq: 20 Jul 2019 2:27

Instrument :
 BNA_F
 ClientSampleId :
 AOC-7(2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.2
141	29.5	22.4	33.6

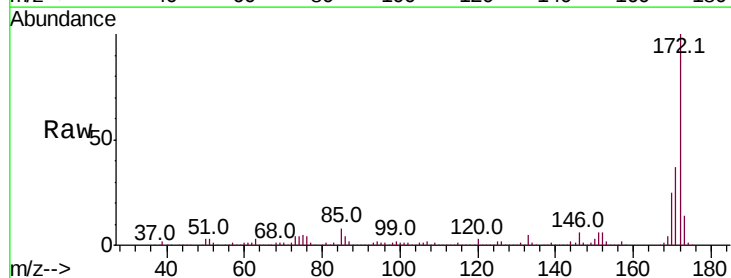


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

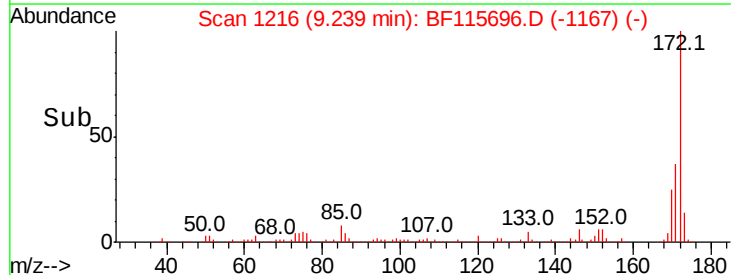
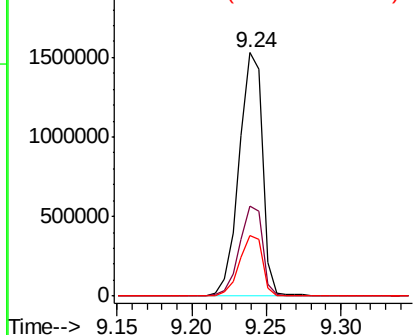


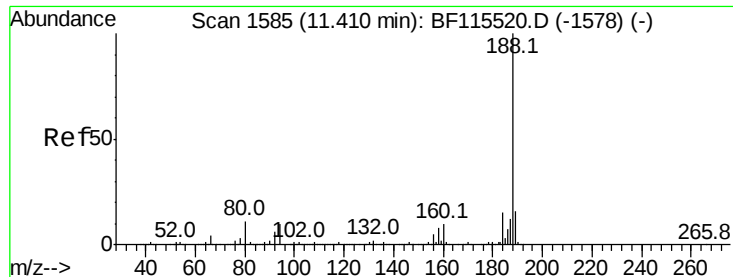
#45
 2-Fluorobiphenyl
 Concen: 107.445 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115696.D
 Acq: 20 Jul 2019 2:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	46.0
170	25.1	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: BF115696.D

Acq: 20 Jul 2019 2:27

Instrument :

BNA_F

ClientSampleId :

AOC-7(2)

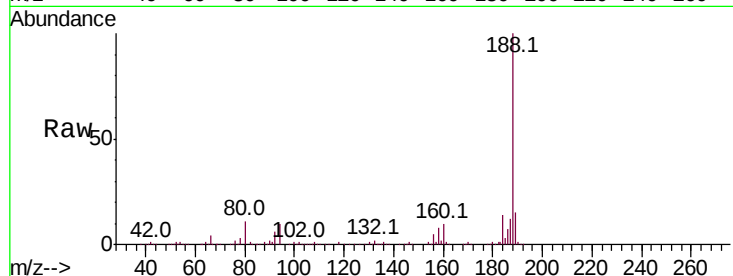
Tot Ion:188 Resp: 421413

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

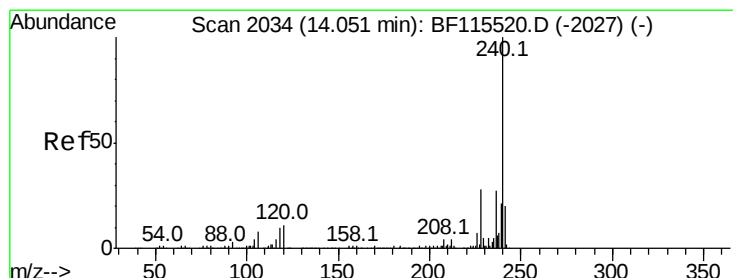
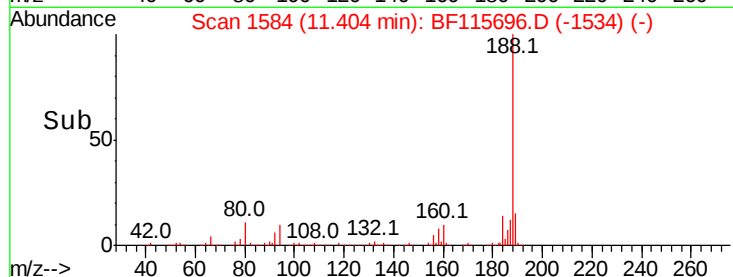
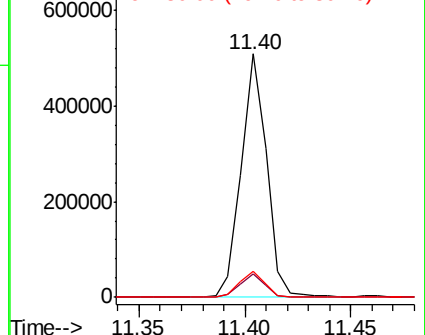
80 10.6 8.6 13.0



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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115696.D

Acq: 20 Jul 2019 2:27

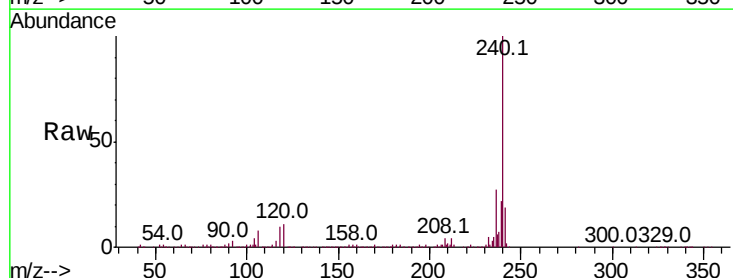
Tgt Ion:240 Resp: 274365

Ion Ratio Lower Upper

240 100

120 11.1 8.6 13.0

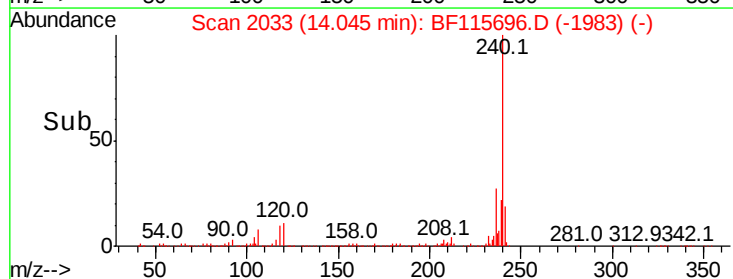
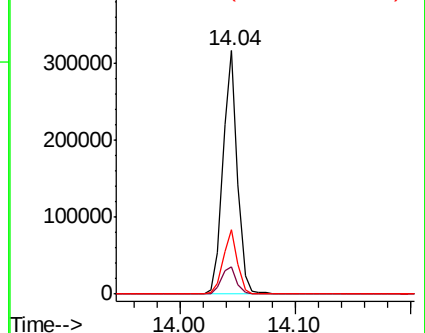
236 26.6 21.3 31.9

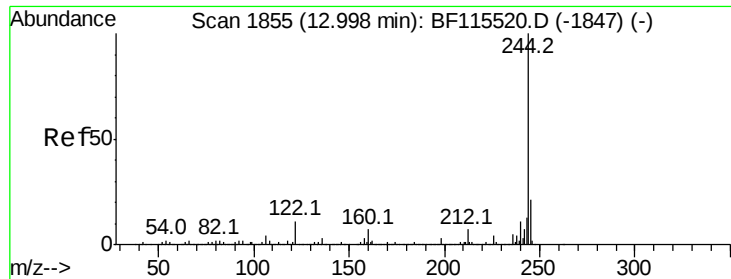


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.141 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115696.D

Acq: 20 Jul 2019 2:27

Instrument :

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ClientSampleId :

AOC-7(2)

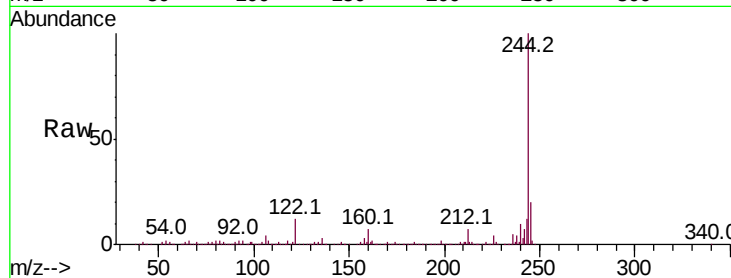
Tot Ion:244 Resp: 1310595

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

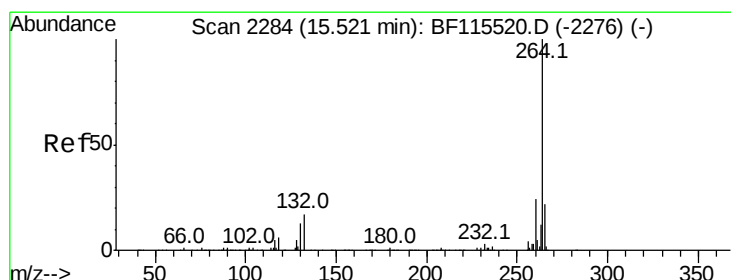
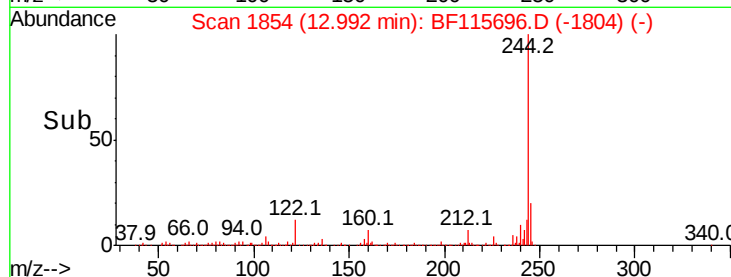
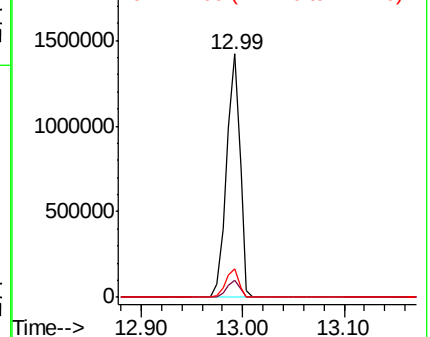
122 11.7 8.6 12.8



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# 2284

Delta R.T. -0.00 min

Lab File: BF115696.D

Acq: 20 Jul 2019 2:27

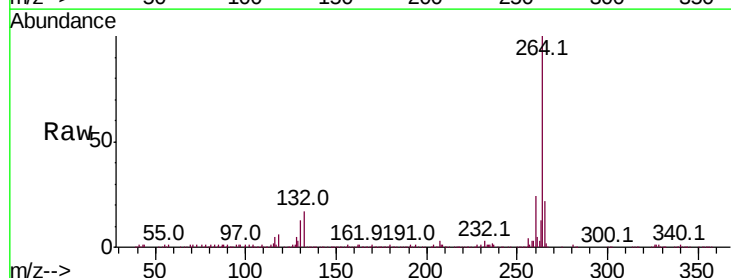
Tgt Ion:264 Resp: 225390

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

265 22.0 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

