

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071519\
 Data File : BF115568.D
 Acq On : 15 Jul 2019 20:33
 Operator : HP/JU
 Sample : PB121261BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121261BL

Quant Time: Jul 16 03:59:43 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	172480	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	680573	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	344233	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	697329	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	498286	20.00	ng	-0.02
87) Perylene-d12	15.50	264	430906	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1257572	119.26	ng	0.01
7) Phenol-d6	6.51	99	1636608	122.32	ng	0.00
23) Nitrobenzene-d5	7.44	82	1052588	89.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	519052	129.18	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1988453	101.10	ng	-0.01
79) Terphenyl-d14	12.99	244	2242310	83.03	ng	-0.01

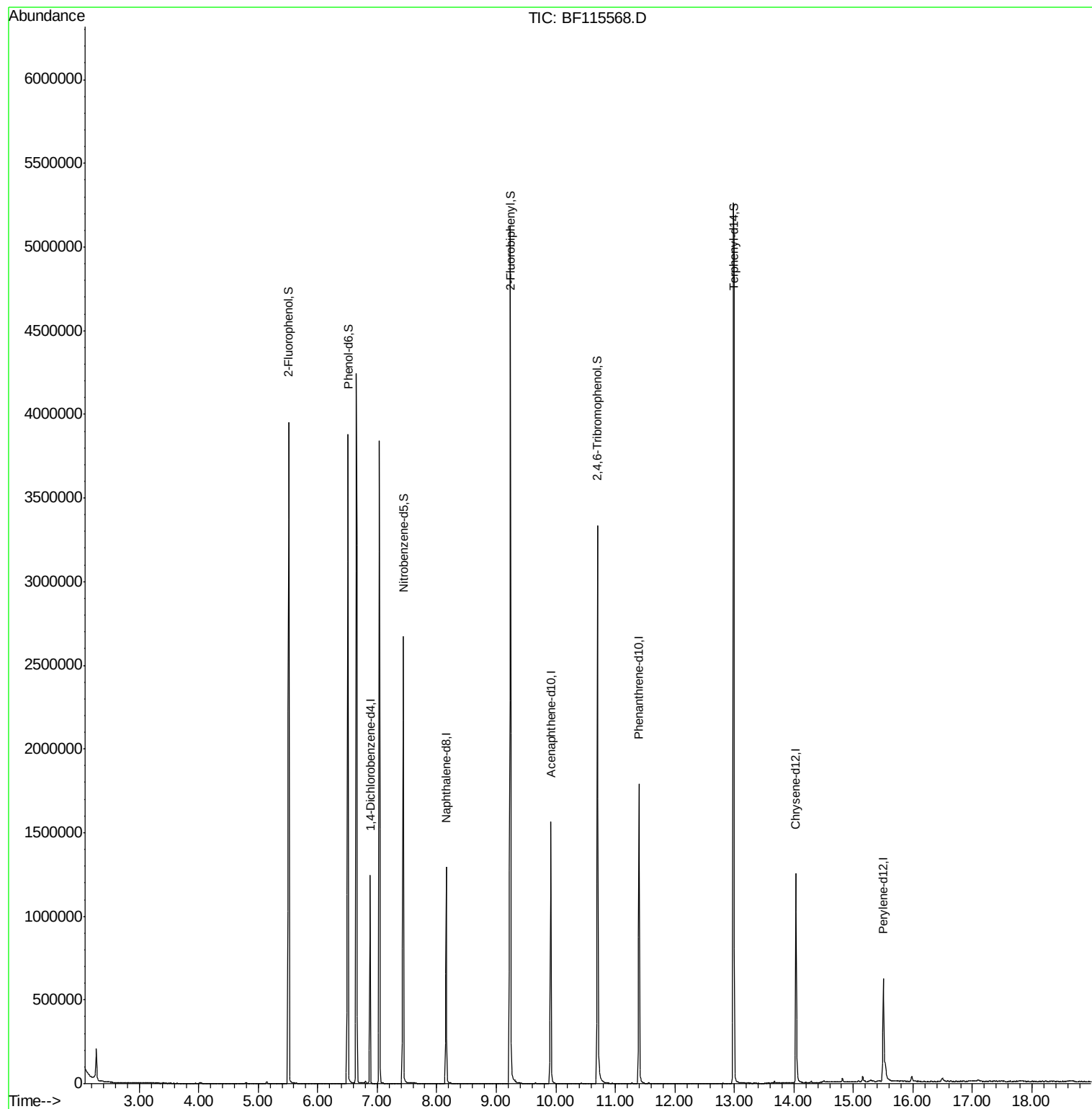
Target Compounds	Qvalue
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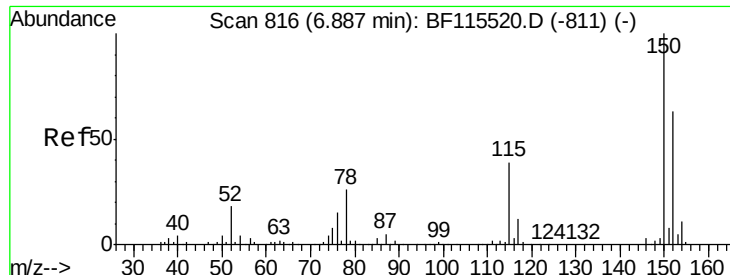
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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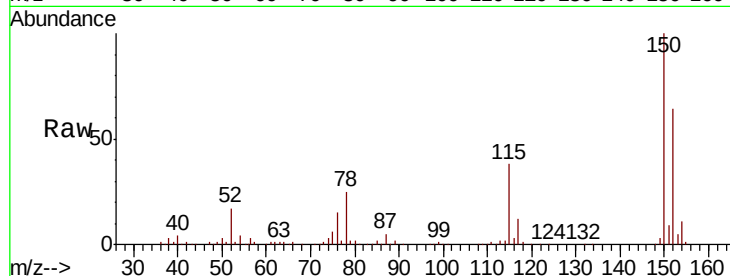


#1

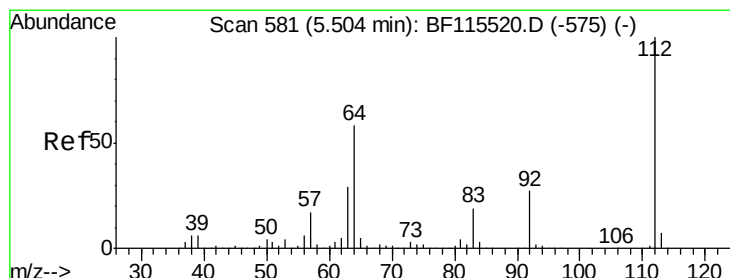
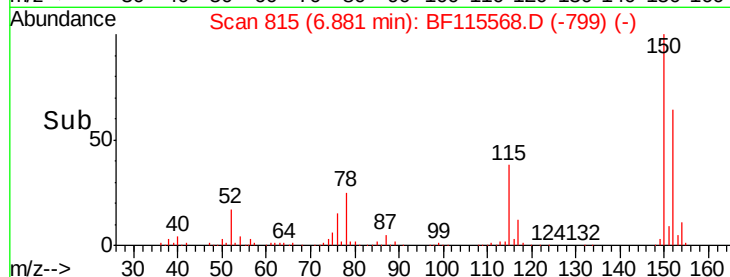
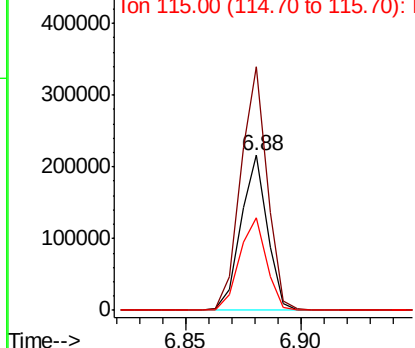
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115568.D
Acq: 15 Jul 2019 20:33

Instrument :
BNA_F
ClientSampleId :
PB121261BL

Tgt Ion:152 Resp: 172480
Ion Ratio Lower Upper
152 100
150 157.3 129.7 194.5
115 60.1 48.2 72.4



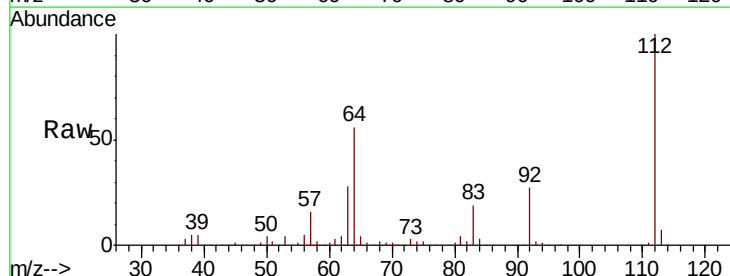
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



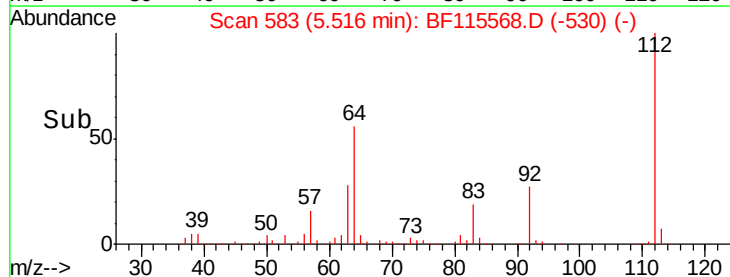
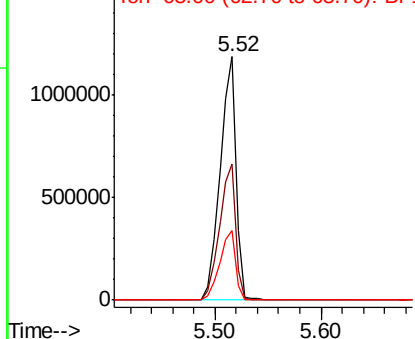
#5

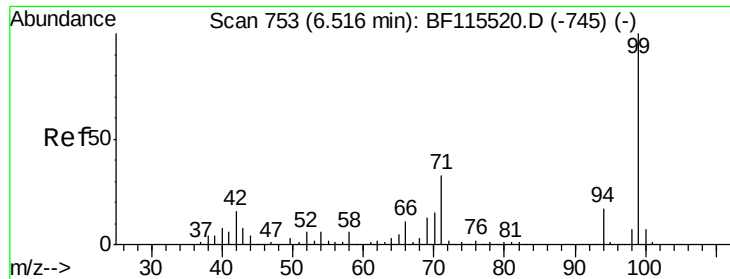
2-Fluorophenol
Concen: 119.262 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115568.D
Acq: 15 Jul 2019 20:33

Tgt Ion:112 Resp: 1257572
Ion Ratio Lower Upper
112 100
64 55.6 46.8 70.2
63 28.3 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: 122.318 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115568.D

Acq: 15 Jul 2019 20:33

Instrument :

BNA_F

ClientSampleId :

PB121261BL

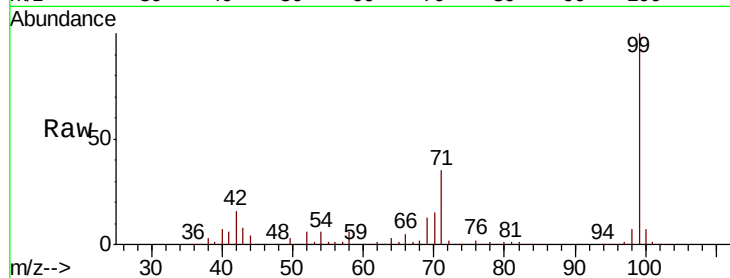
Tgt Ion: 99 Resp: 1636608

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

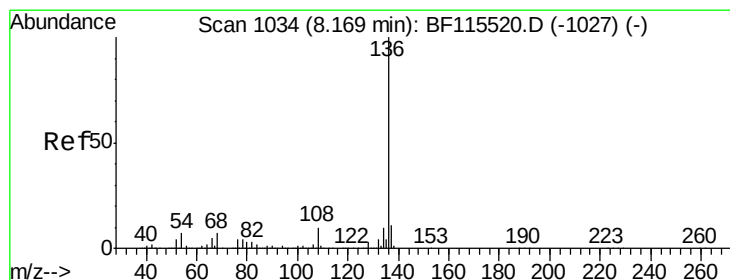
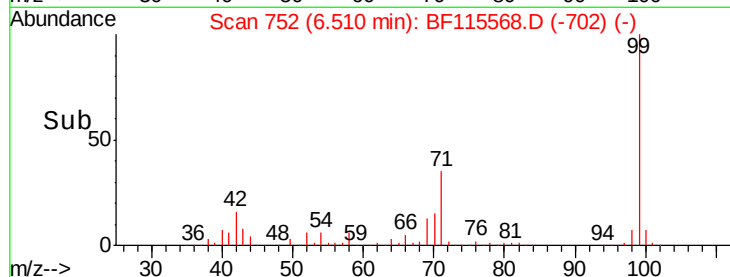
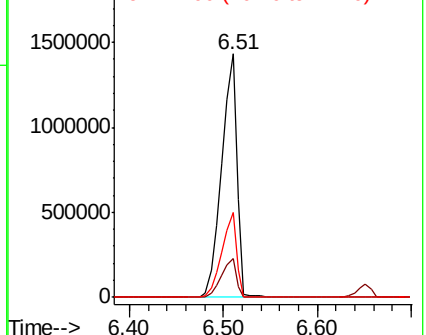
71 35.0 28.5 42.7



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# 1032

Delta R.T. -0.01 min

Lab File: BF115568.D

Acq: 15 Jul 2019 20:33

Tgt Ion: 136 Resp: 680573

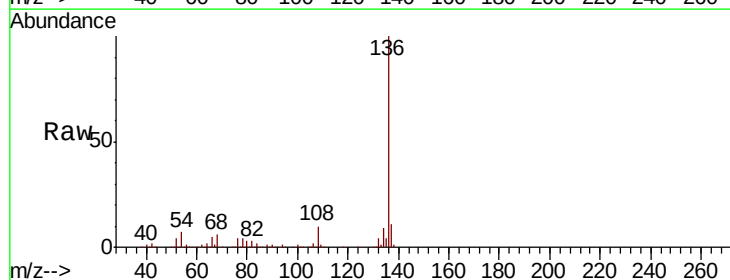
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.2 5.6 8.4

68 6.5 5.0 7.6

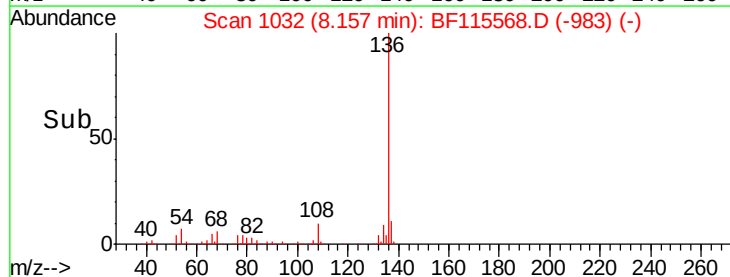
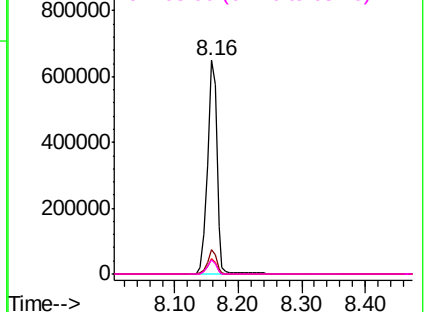


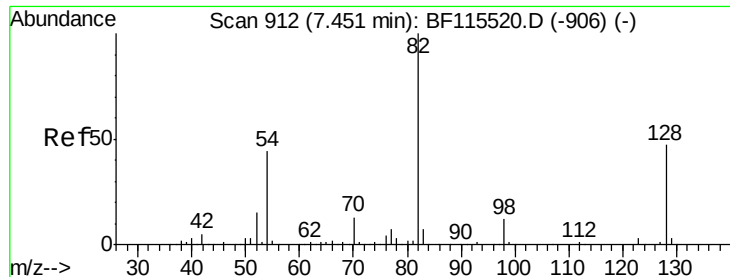
Abundance Ion 136.00 (135.70 to 136.70): E

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

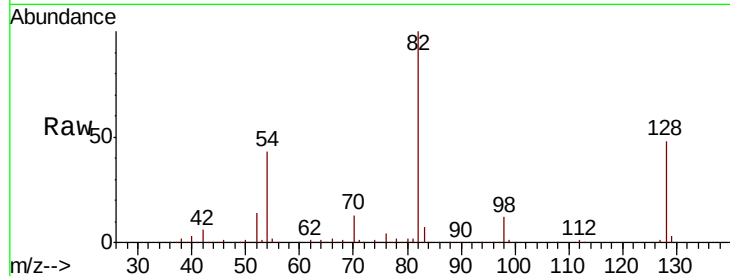




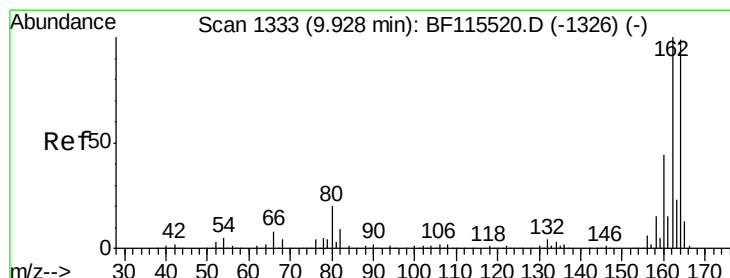
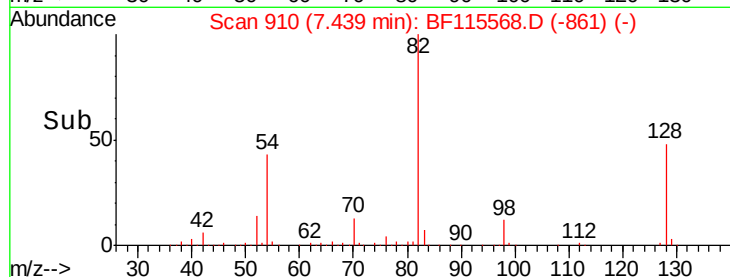
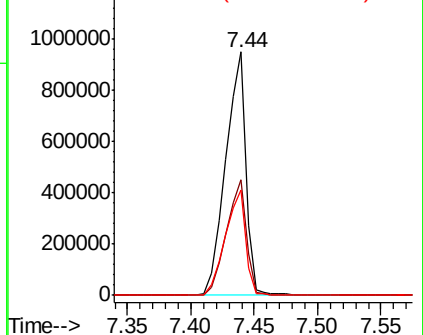
#23
 Nitrobenzene-d5
 Concen: 89.931 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115568.D
 Acq: 15 Jul 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 PB121261BL

Tgt Ion: 82 Resp: 1052588
 Ion Ratio Lower Upper
 82 100
 128 47.5 38.6 57.8
 54 43.2 35.6 53.4

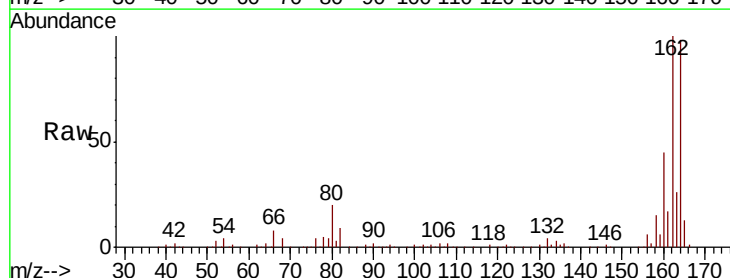


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

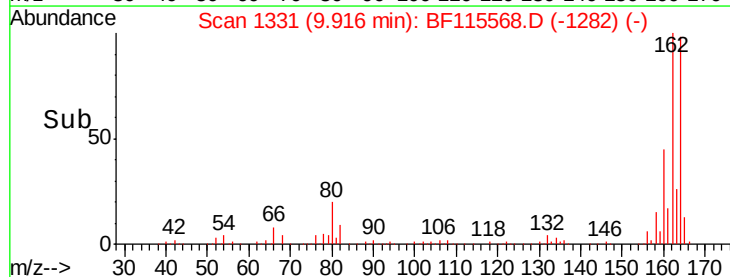
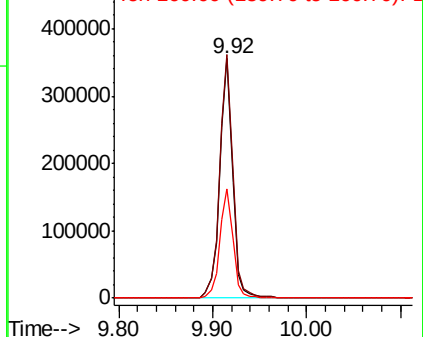


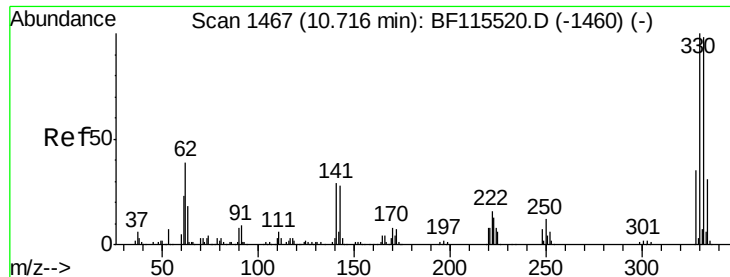
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115568.D
 Acq: 15 Jul 2019 20:33

Tgt Ion: 164 Resp: 344233
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.9 124.3
 160 45.8 36.8 55.2



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

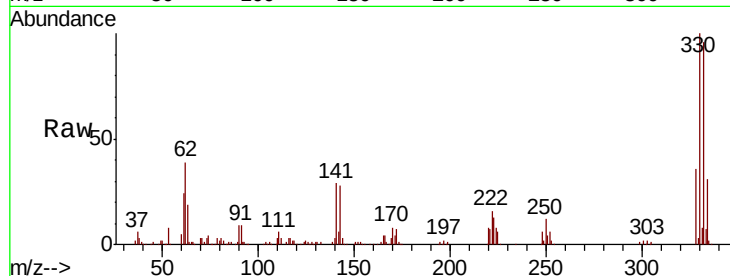




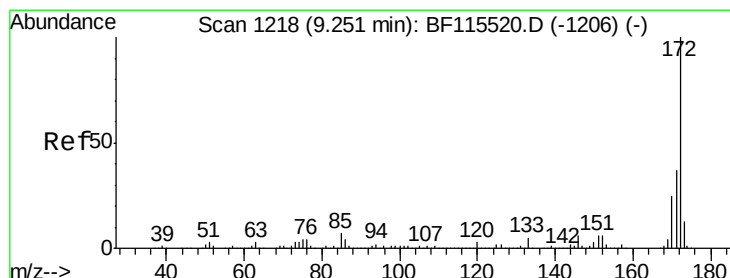
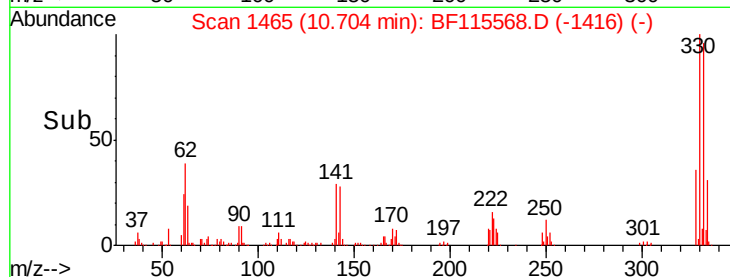
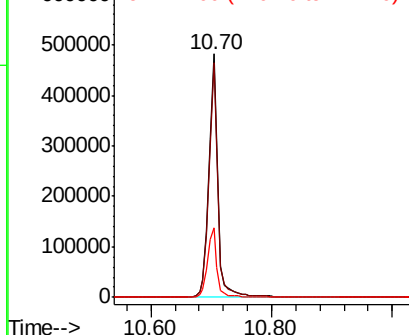
#42
 2,4,6-Tribromophenol
 Concen: 129.181 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115568.D
 Acq: 15 Jul 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 PB121261BL

Tgt Ion:330 Resp: 519052
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 29.6 22.4 33.6

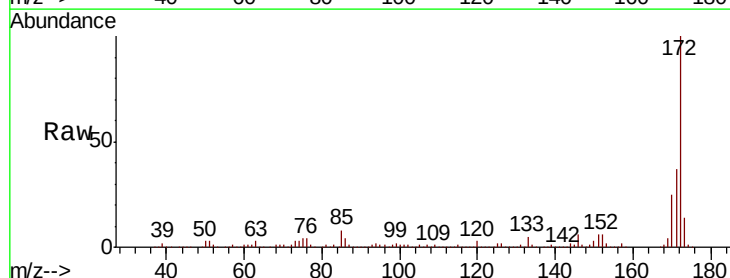


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

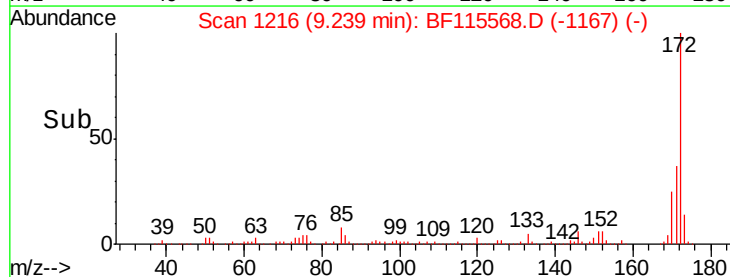
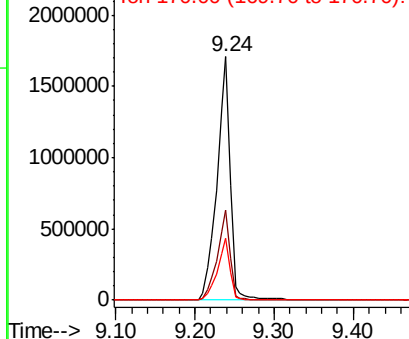


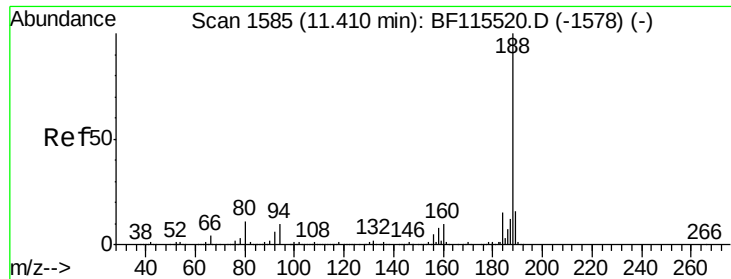
#45
 2-Fluorobiphenyl
 Concen: 101.105 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115568.D
 Acq: 15 Jul 2019 20:33

Tgt Ion:172 Resp: 1988453
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.6 46.0
 170 25.2 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# 1583

Delta R.T. -0.01 min

Lab File: BF115568.D

Acq: 15 Jul 2019 20:33

Instrument :

BNA_F

ClientSampleId :

PB121261BL

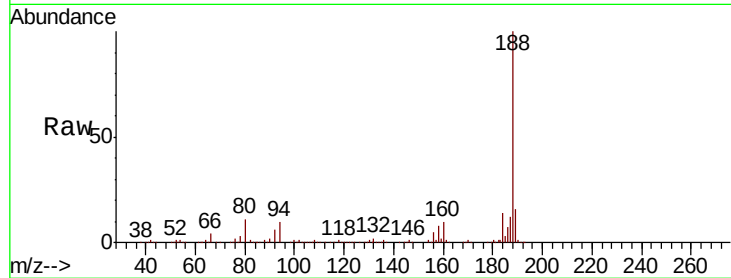
Tgt Ion:188 Resp: 697329

Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.6

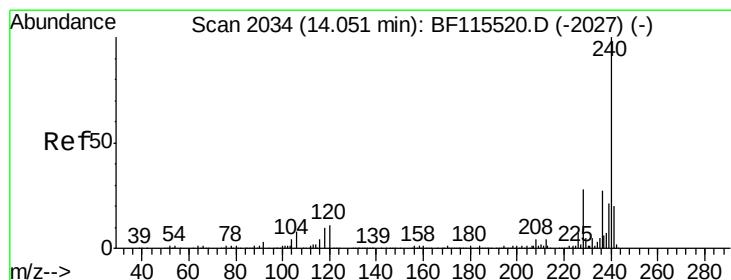
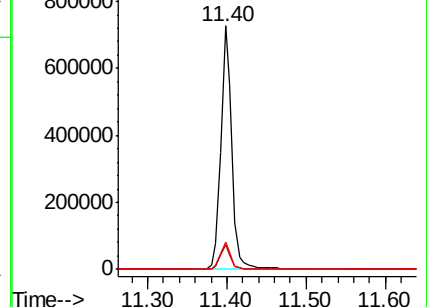
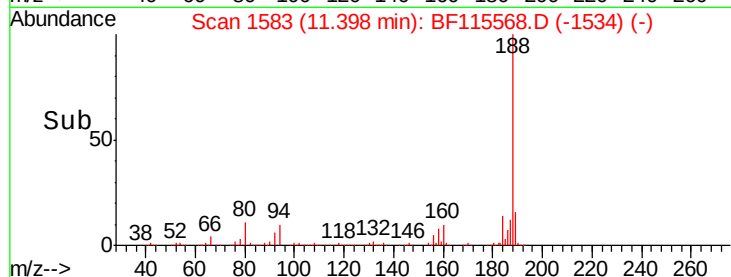
80 11.5 8.6 13.0



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: 14.03 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BF115568.D

Acq: 15 Jul 2019 20:33

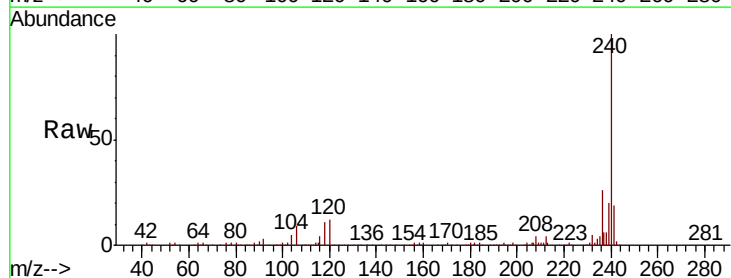
Tgt Ion:240 Resp: 498286

Ion Ratio Lower Upper

240 100

120 11.9 8.6 13.0

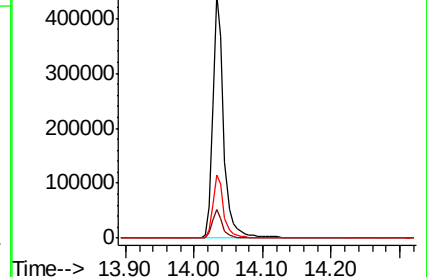
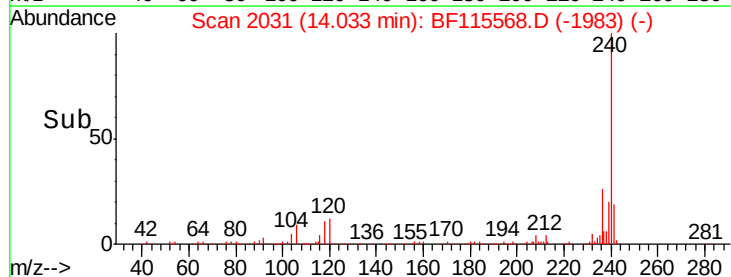
236 26.1 21.3 31.9

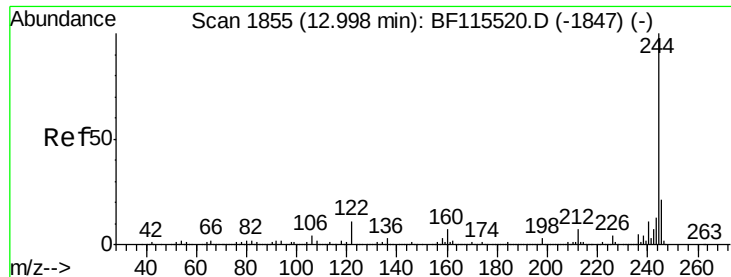


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.033 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115568.D

Acq: 15 Jul 2019 20:33

Instrument :

BNA_F

ClientSampleId :

PB121261BL

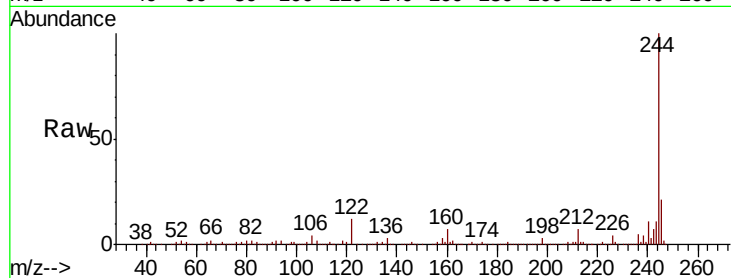
Tgt Ion:244 Resp: 2242310

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

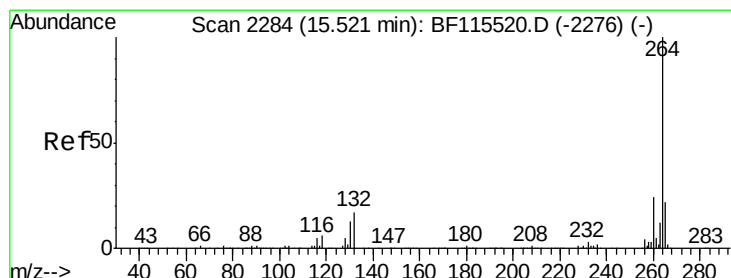
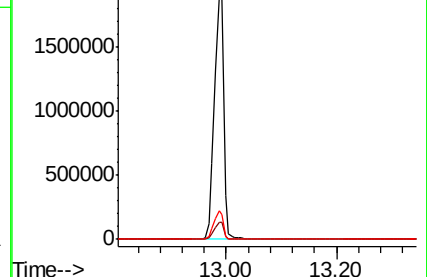
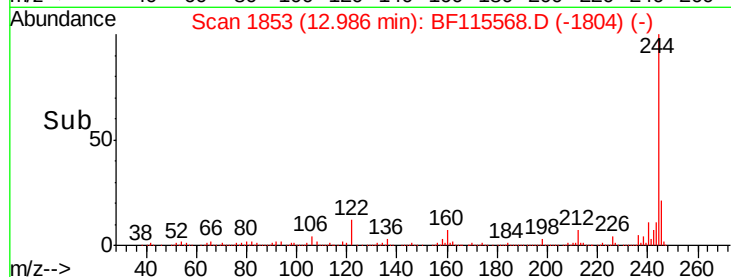
122 12.0 8.6 12.8



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: 15.50 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF115568.D

Acq: 15 Jul 2019 20:33

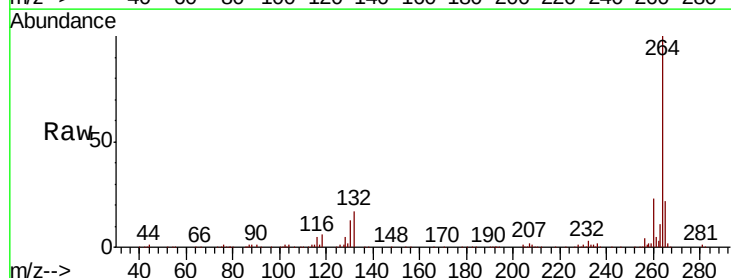
Tgt Ion:264 Resp: 430906

Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.8

265 21.6 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

