

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071519\
 Data File : BF115570.D
 Acq On : 15 Jul 2019 21:27
 Operator : HP/JU
 Sample : PB121220BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BL

Quant Time: Jul 16 04:07:29 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	181942	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	693700	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	356787	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	730092	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	527340	20.00	ng	-0.02
87) Perylene-d12	15.50	264	468609	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1334735	120.00	ng	0.01
7) Phenol-d6	6.51	99	1754276	124.29	ng	0.00
23) Nitrobenzene-d5	7.44	82	1131828	94.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	521992	125.34	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	2139583	104.96	ng	-0.01
79) Terphenyl-d14	12.99	244	2380899	83.31	ng	0.00

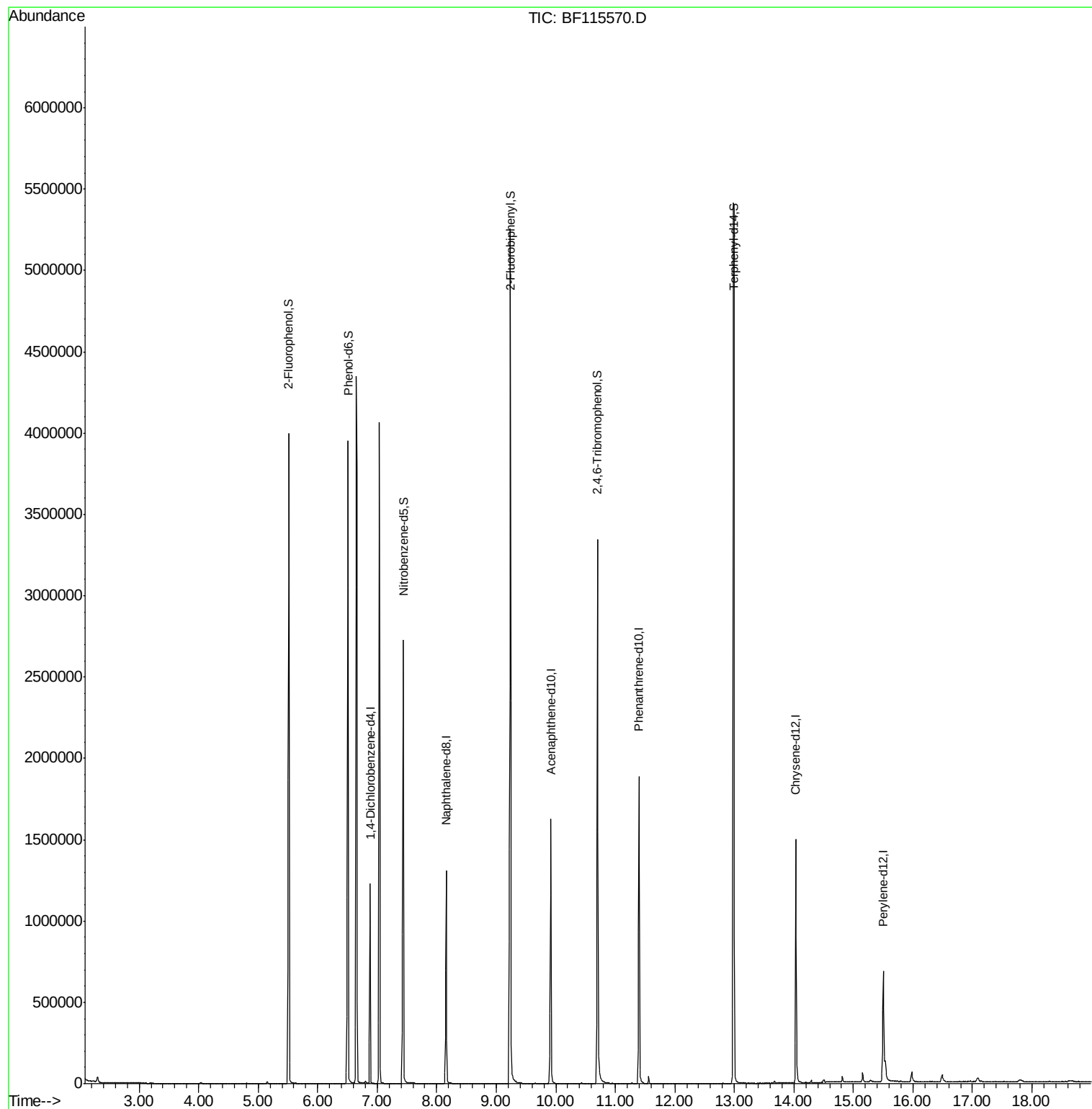
Target Compounds	Qvalue
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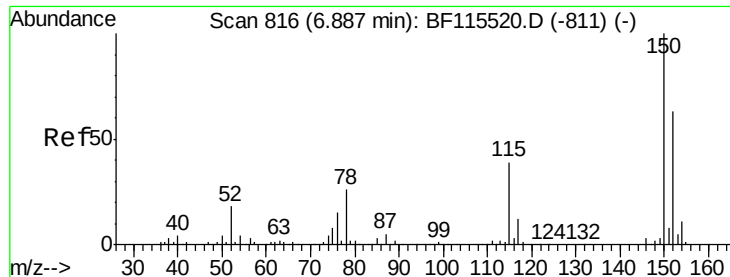
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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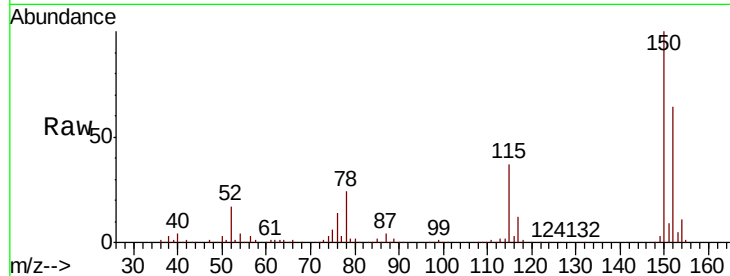


#1

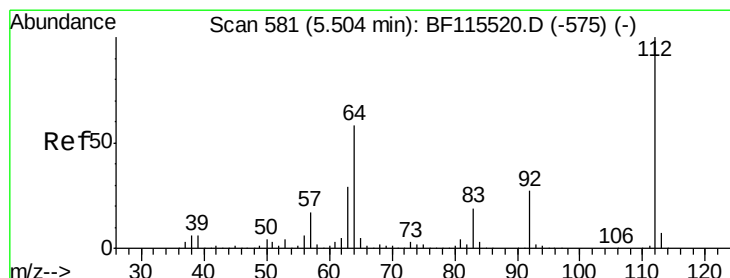
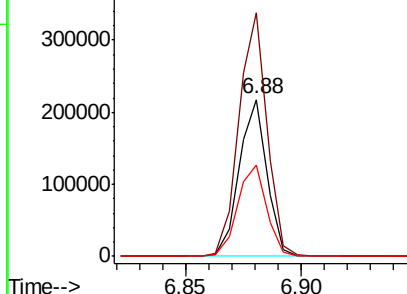
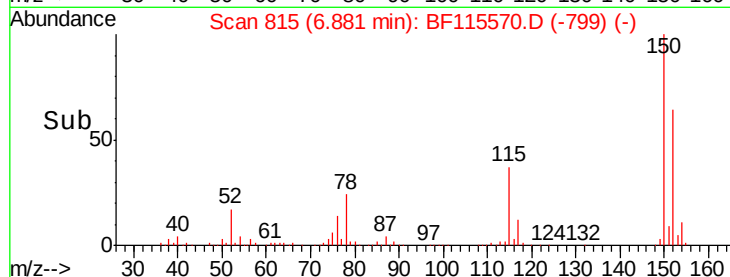
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115570.D
Acq: 15 Jul 2019 21:27

Instrument :
BNA_F
ClientSampleId :
PB121220BL

Tgt Ion:152 Resp: 181942
Ion Ratio Lower Upper
152 100
150 155.1 129.7 194.5
115 57.9 48.2 72.4



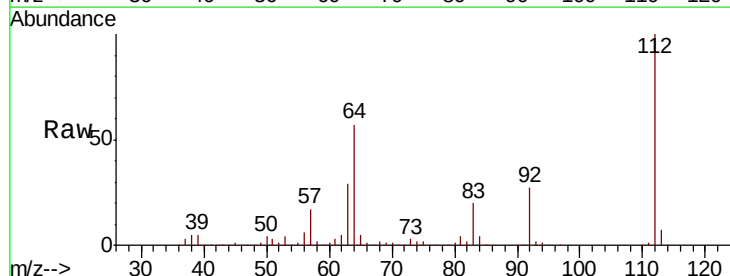
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



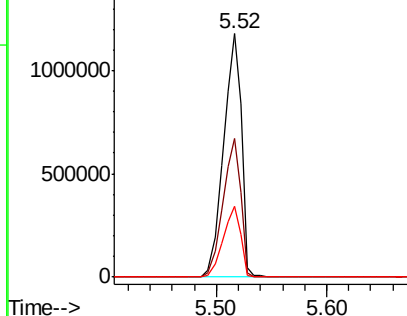
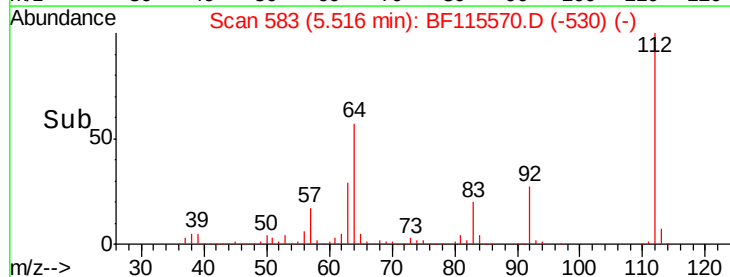
#5

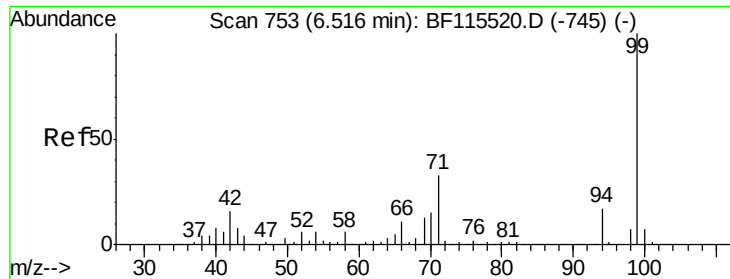
2-Fluorophenol
Concen: 119.996 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115570.D
Acq: 15 Jul 2019 21:27

Tgt Ion:112 Resp: 1334735
Ion Ratio Lower Upper
112 100
64 56.8 46.8 70.2
63 29.1 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: 124.294 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115570.D

Acq: 15 Jul 2019 21:27

Instrument :

BNA_F

ClientSampleId :

PB121220BL

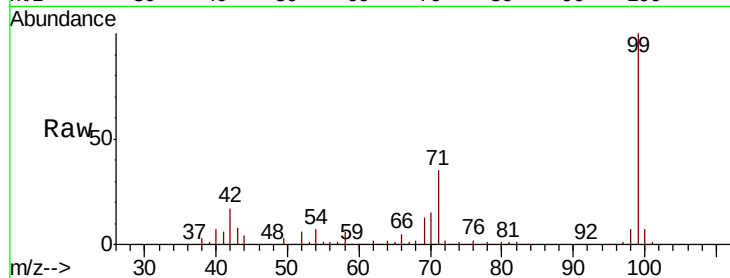
Tgt Ion: 99 Resp: 1754276

Ion Ratio Lower Upper

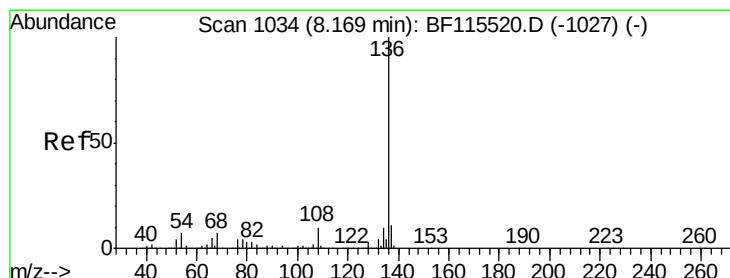
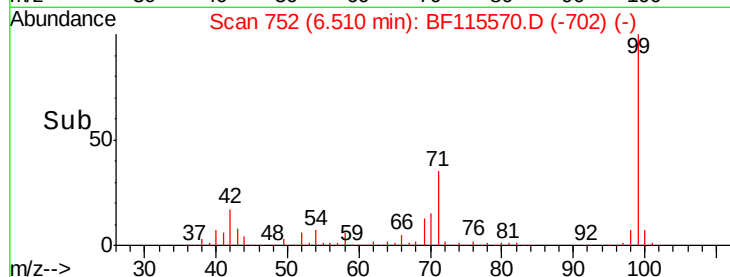
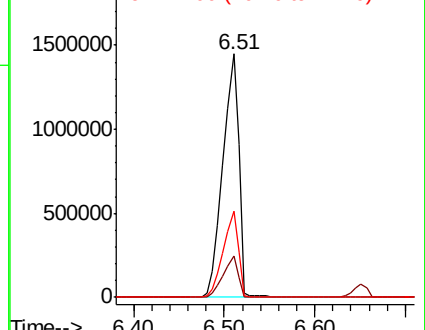
99 100

42 16.8 13.6 20.4

71 35.2 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: BF115570.D

Acq: 15 Jul 2019 21:27

Tgt Ion: 136 Resp: 693700

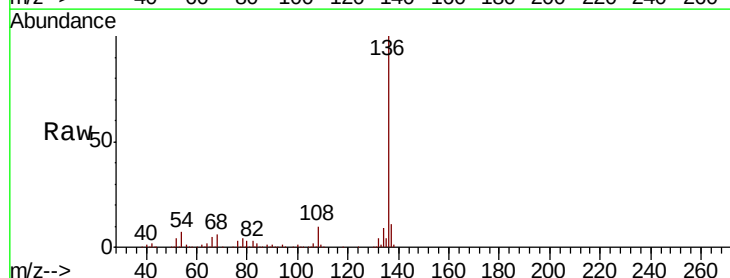
Ion Ratio Lower Upper

136 100

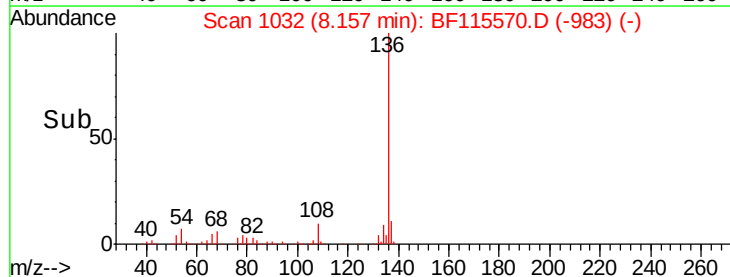
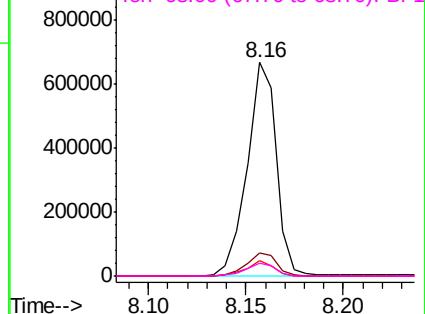
137 11.1 9.0 13.4

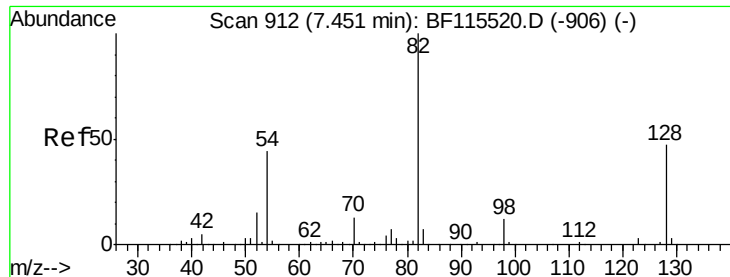
54 7.0 5.6 8.4

68 6.1 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: 94.871 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115570.D

Acq: 15 Jul 2019 21:27

Instrument :

BNA_F

ClientSampleId :

PB121220BL

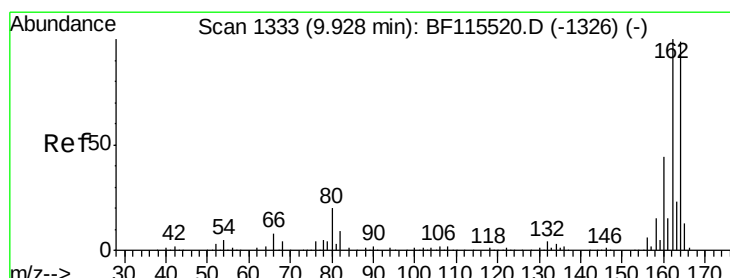
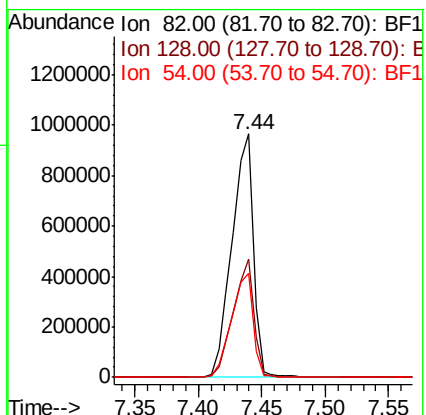
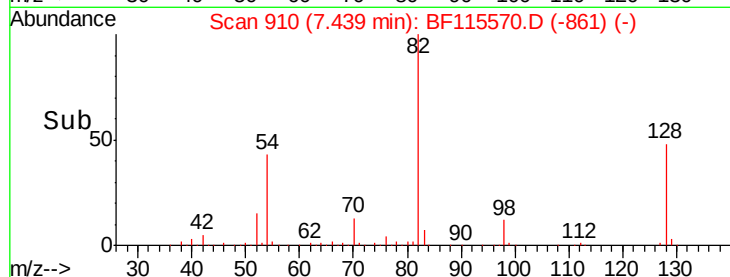
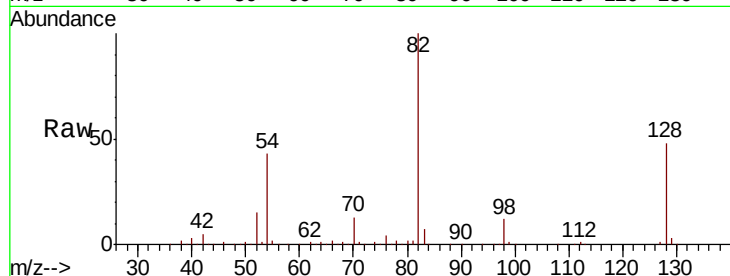
Tgt Ion: 82 Resp: 1131828

Ion Ratio Lower Upper

82 100

128 48.5 38.6 57.8

54 42.7 35.6 53.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115570.D

Acq: 15 Jul 2019 21:27

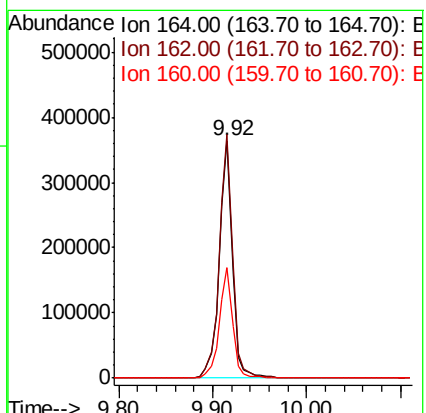
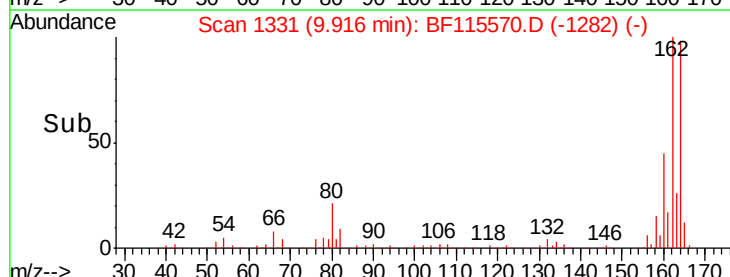
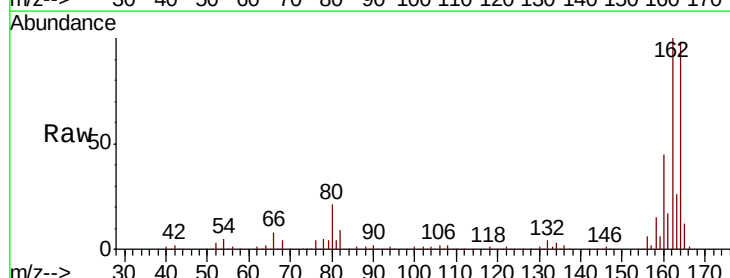
Tgt Ion: 164 Resp: 356787

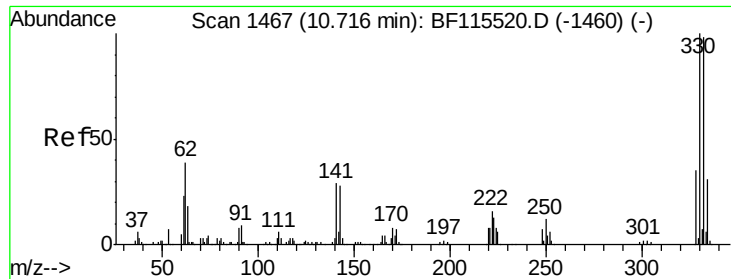
Ion Ratio Lower Upper

164 100

162 102.4 82.9 124.3

160 46.3 36.8 55.2

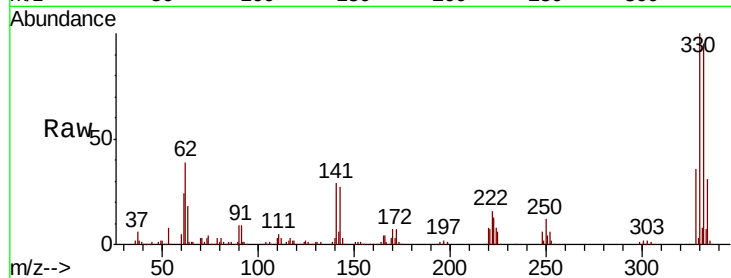




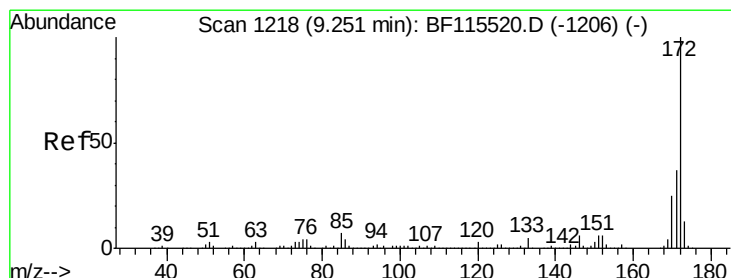
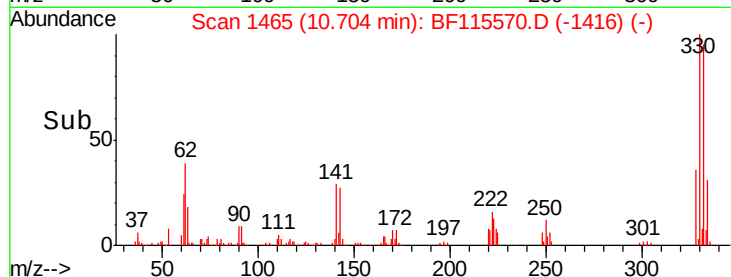
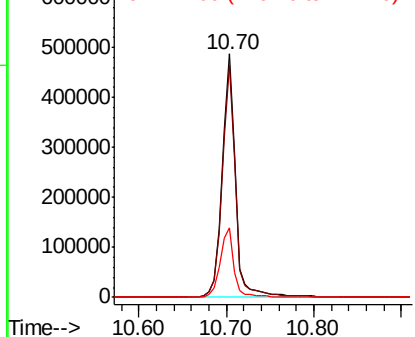
#42
 2,4,6-Tribromophenol
 Concen: 125.341 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115570.D
 Acq: 15 Jul 2019 21:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	29.8	22.4	33.6

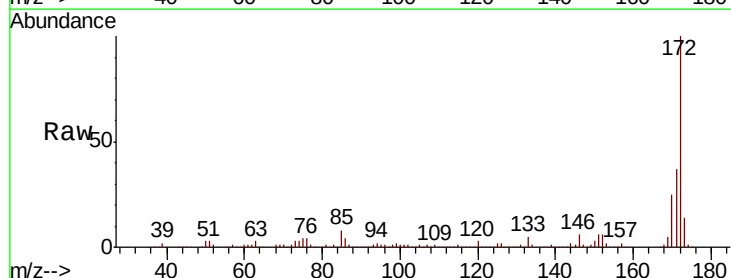


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

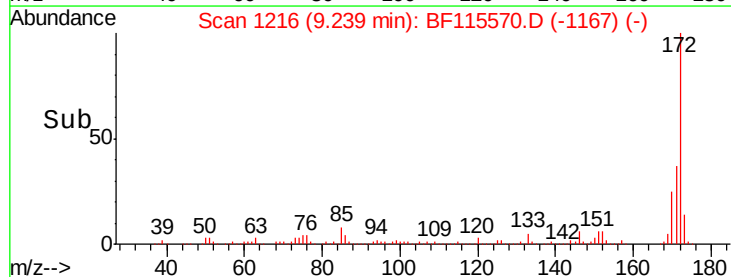
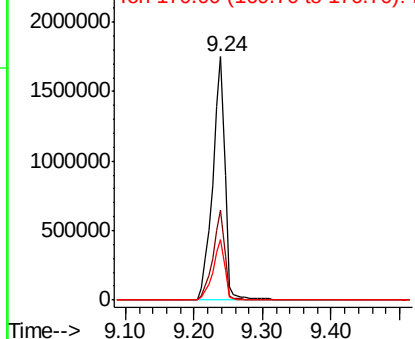


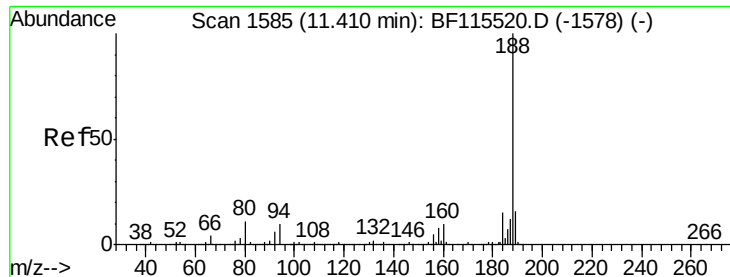
#45
 2-Fluorobiphenyl
 Concen: 104.961 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115570.D
 Acq: 15 Jul 2019 21:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	25.0	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

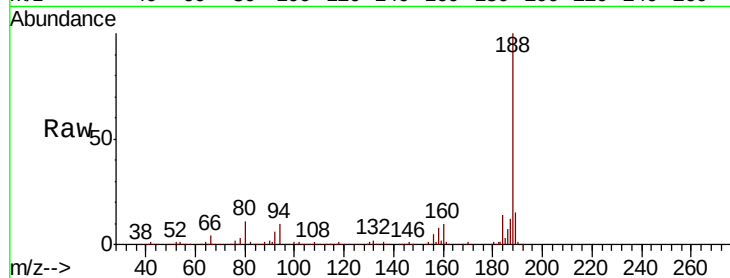




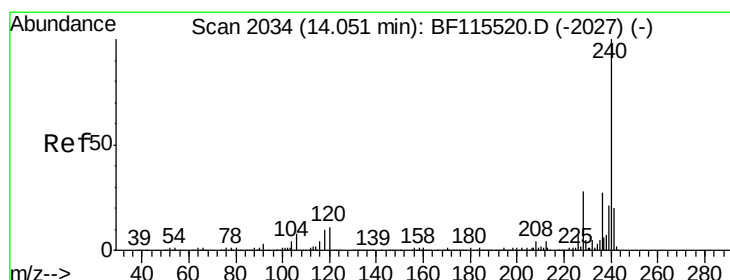
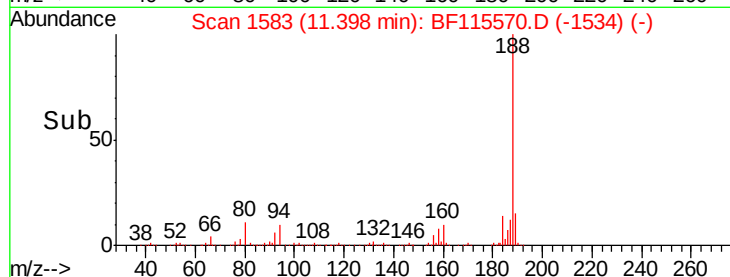
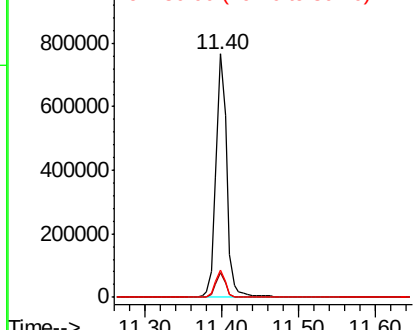
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115570.D
Acq: 15 Jul 2019 21:27

Instrument :
BNA_F
ClientSampleId :
PB121220BL

Tgt Ion:188 Resp: 730092
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 11.4 8.6 13.0

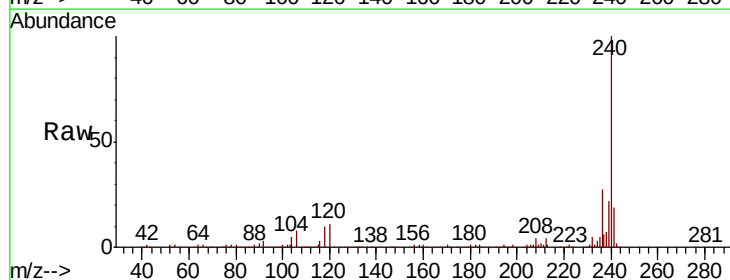


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

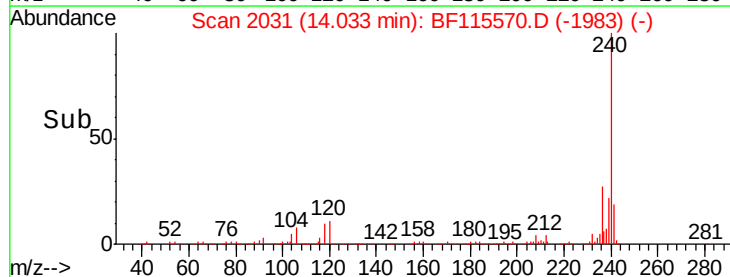
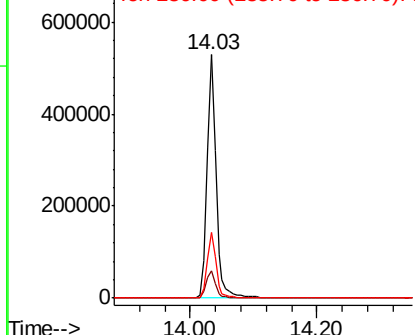


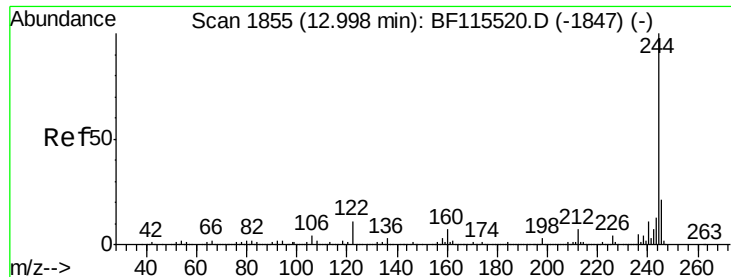
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115570.D
Acq: 15 Jul 2019 21:27

Tgt Ion:240 Resp: 527340
Ion Ratio Lower Upper
240 100
120 11.0 8.6 13.0
236 27.2 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: 83.308 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115570.D

Acq: 15 Jul 2019 21:27

Instrument :

BNA_F

ClientSampleId :

PB121220BL

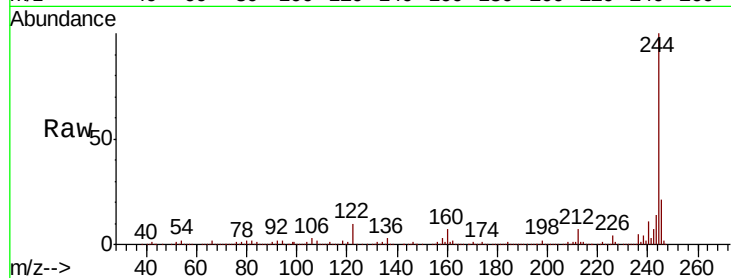
Tgt Ion:244 Resp: 2380899

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

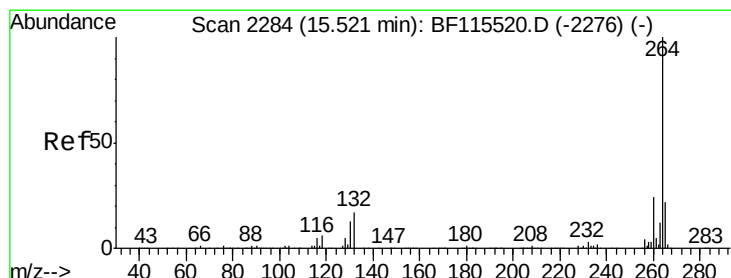
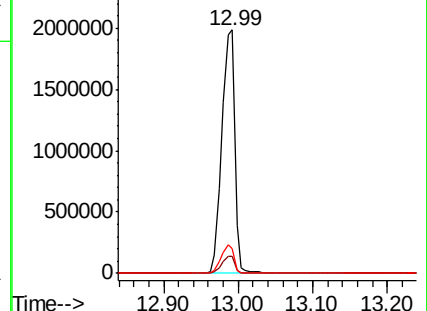
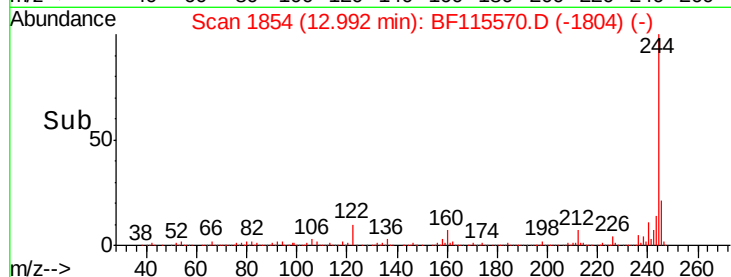
122 10.3 8.6 12.8



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: BF115570.D

Acq: 15 Jul 2019 21:27

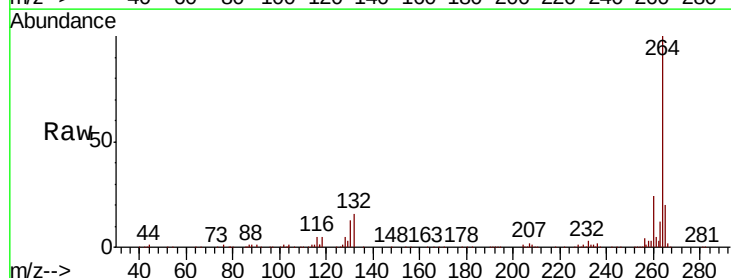
Tgt Ion:264 Resp: 468609

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.8

265 20.3 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

