

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118252.D
 Acq On : 18 Dec 2019 11:40
 Operator : JU
 Sample : PB125529BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125529BL

Quant Time: Dec 18 17:54:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	121925	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	473916	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	257049	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	487847	20.00	ng	0.00
76) Chrysene-d12	14.06	240	306897	20.00	ng	0.00
87) Perylene-d12	15.56	264	256381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	917873	131.85	ng	0.01
7) Phenol-d6	6.50	99	1169446	138.89	ng	0.00
23) Nitrobenzene-d5	7.43	82	702282	83.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	411535	131.79	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1462196	86.56	ng	-0.01
79) Terphenyl-d14	13.00	244	1780754	99.78	ng	0.00

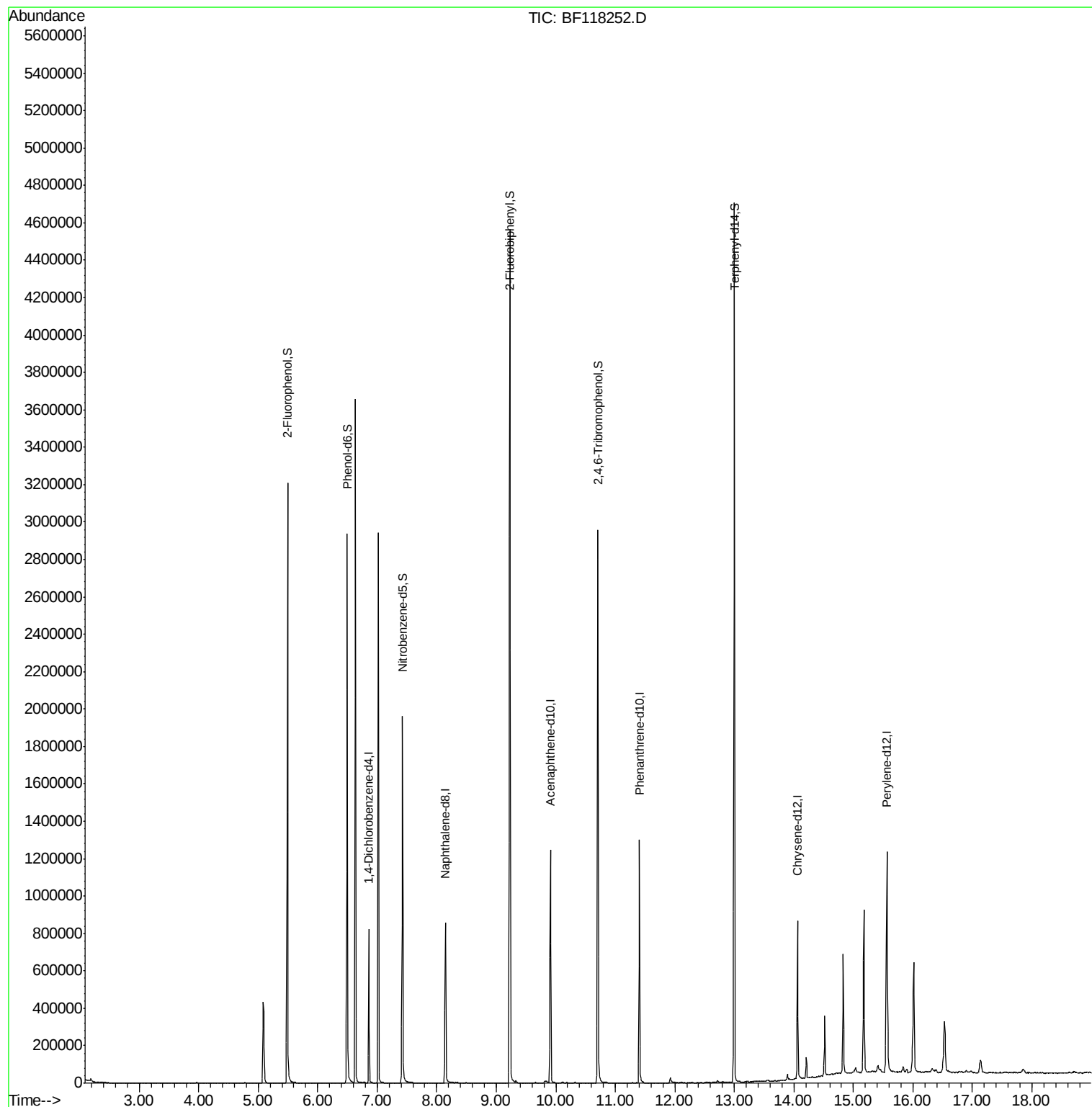
Target Compounds Qvalue

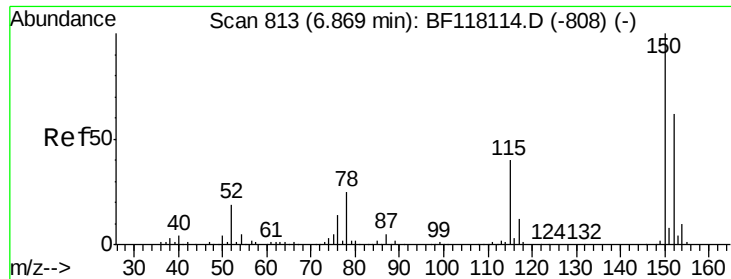
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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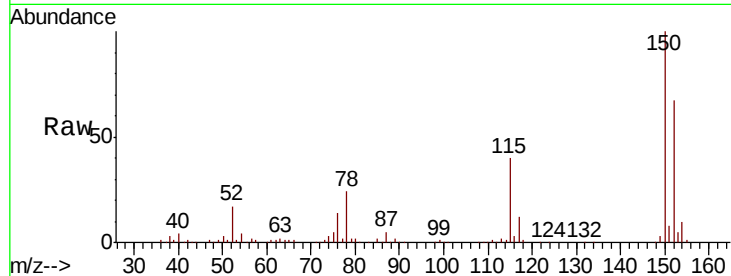


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118252.D
Acq: 18 Dec 2019 11:40

Instrument :
BNA_F
ClientSampleId :
PB125529BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	128.3	192.5
115	60.7	51.1	76.7

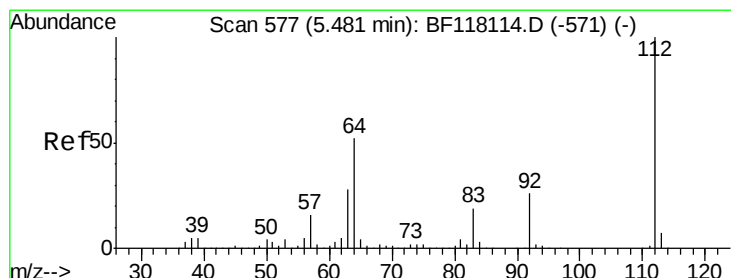
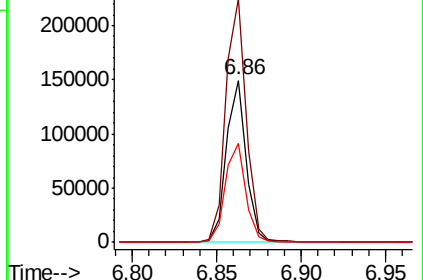
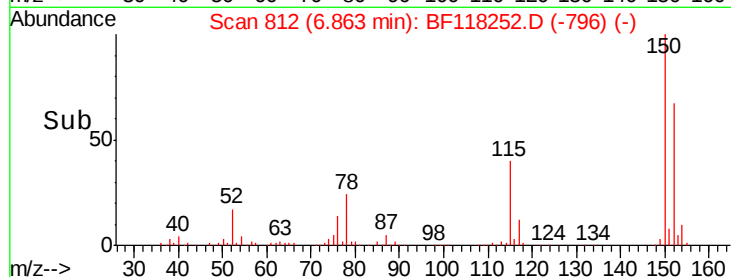


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

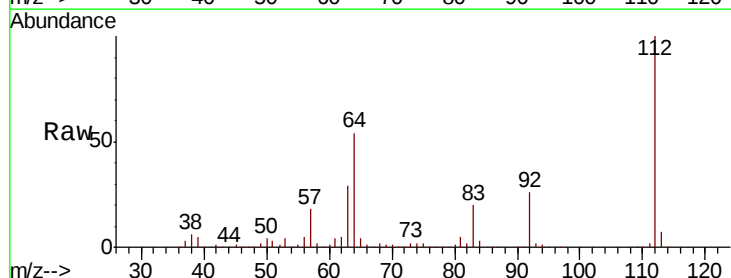
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.853 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118252.D
Acq: 18 Dec 2019 11:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	41.3	61.9
63	29.0	22.4	33.6

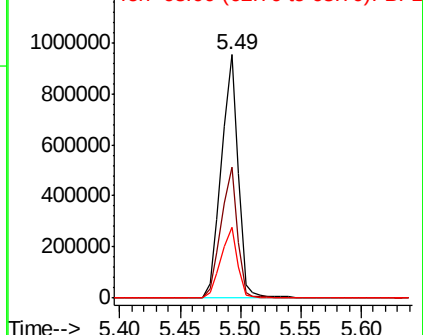
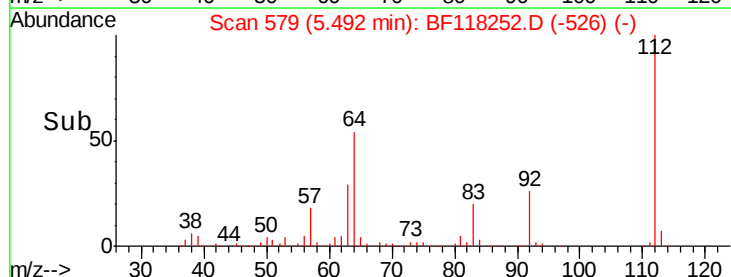


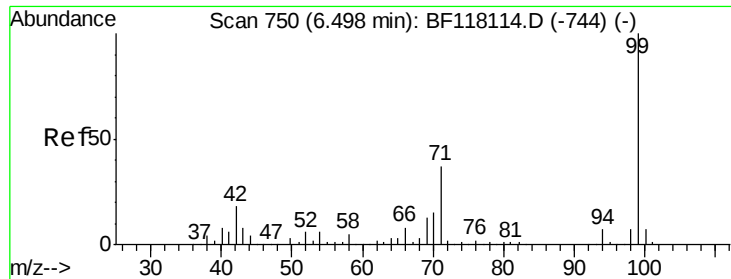
Abundance

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: 138.890 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118252.D

Acq: 18 Dec 2019 11:40

Instrument :

BNA_F

ClientSampleId :

PB125529BL

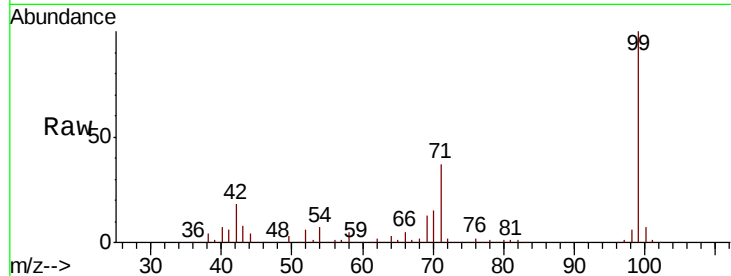
Tot Ion: 99 Resp: 1169446

Ion Ratio Lower Upper

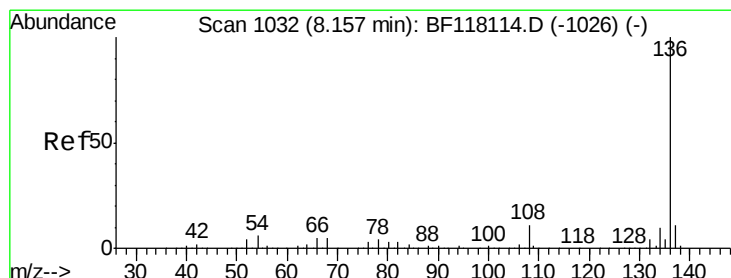
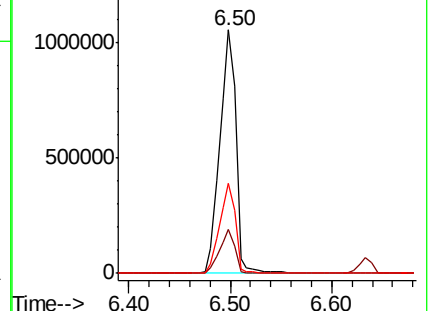
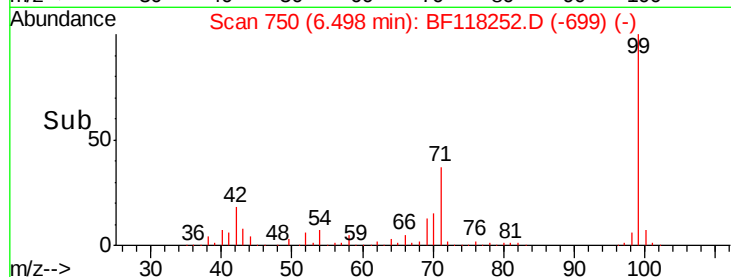
99 100

42 17.8 14.1 21.1

71 37.2 29.7 44.5



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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118252.D

Acq: 18 Dec 2019 11:40

Tgt Ion: 136 Resp: 473916

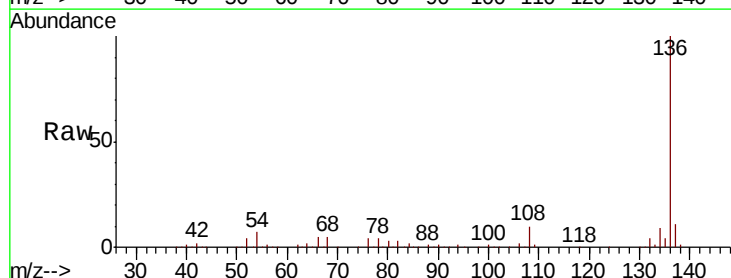
Ion Ratio Lower Upper

136 100

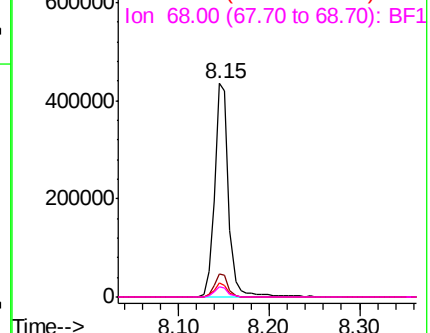
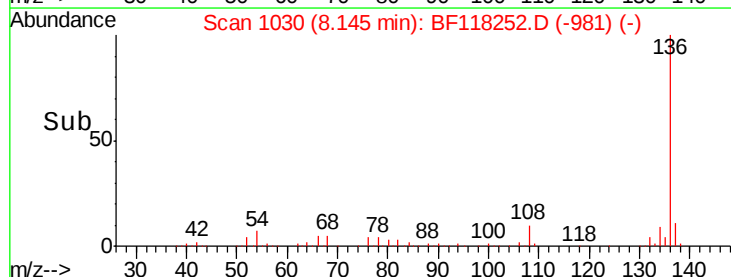
137 10.7 9.0 13.6

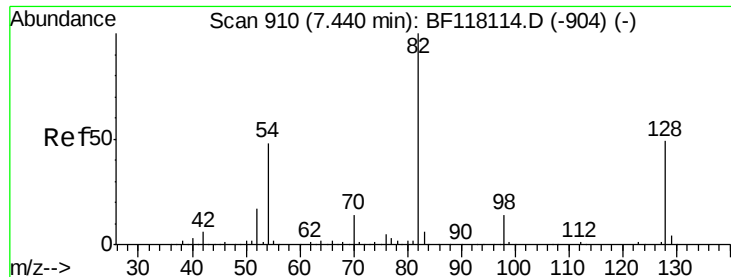
54 6.5 5.0 7.6

68 4.8 3.8 5.8



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

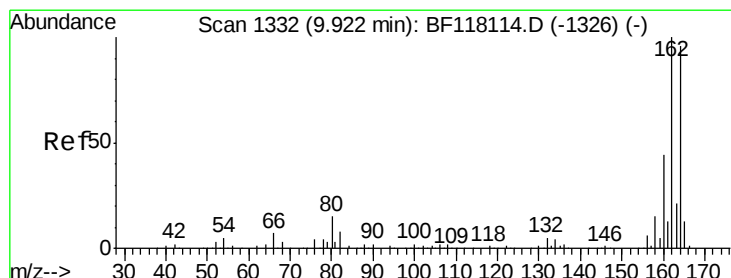
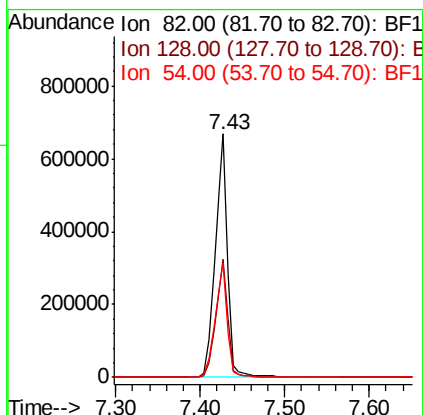
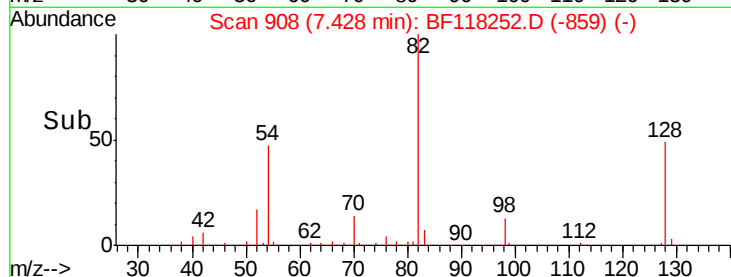
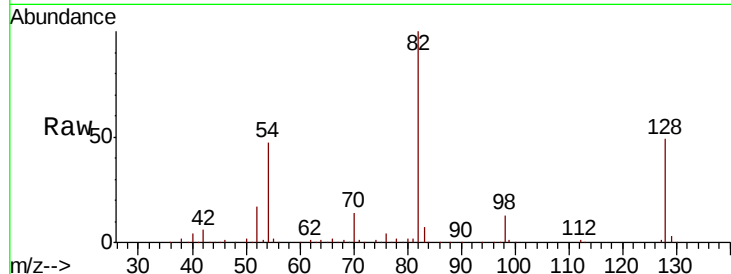




#23
 Nitrobenzene-d5
 Concen: 83.367 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118252.D
 Acq: 18 Dec 2019 11:40

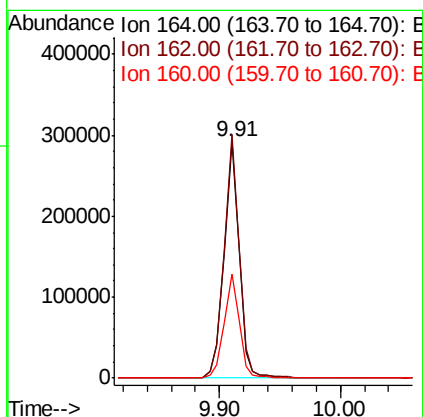
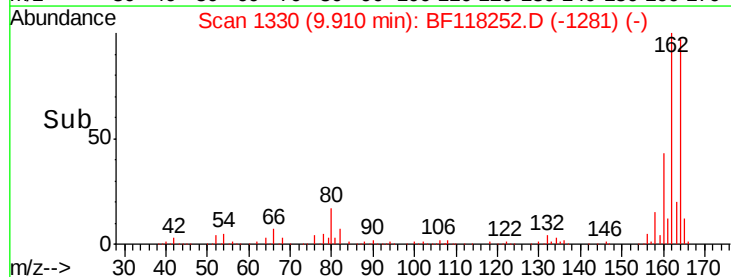
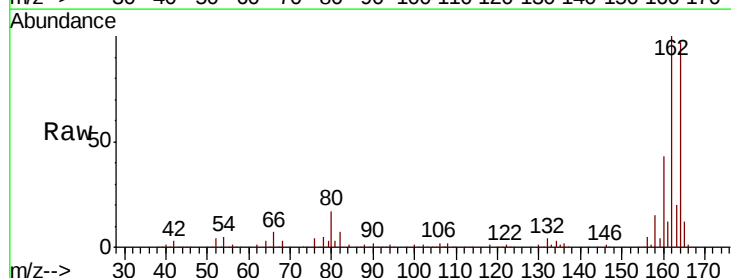
Instrument :
 BNA_F
 ClientSampleId :
 PB125529BL

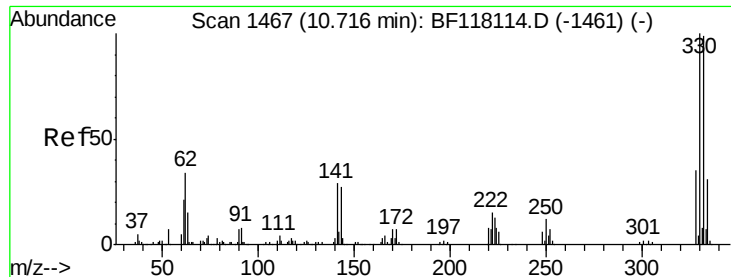
Tot Ion: 82 Resp: 702282
 Ion Ratio Lower Upper
 82 100
 128 48.7 39.1 58.7
 54 46.9 38.2 57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF118252.D
 Acq: 18 Dec 2019 11:40

Tgt Ion:164 Resp: 257049
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.4 125.0
 160 44.0 36.6 54.8

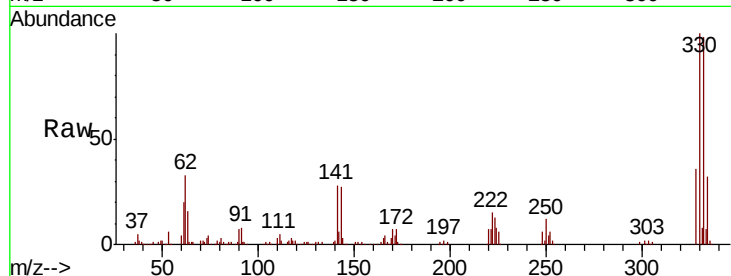




#42
 2,4,6-Tribromophenol
 Concen: 131.789 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118252.D
 Acq: 18 Dec 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PB125529BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.1	117.1
141	32.4	26.9	40.3

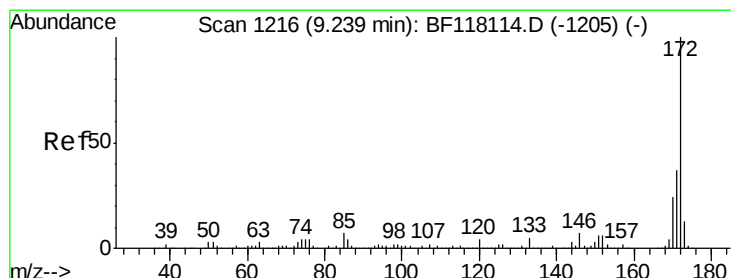
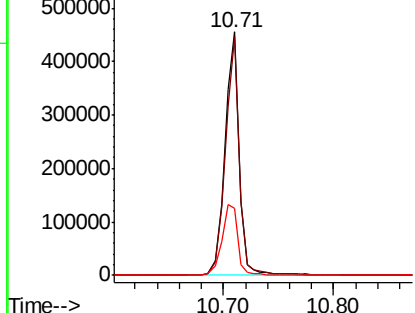
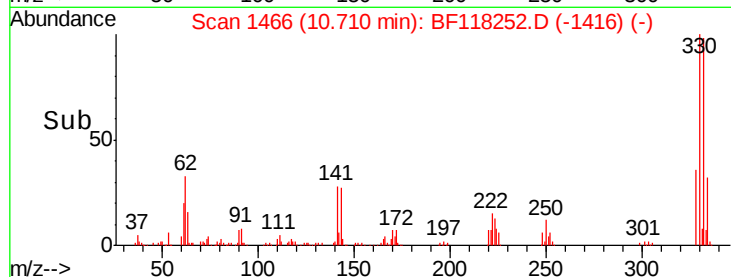


Abundance

Ion 329.80 (329.50 to 330.50): E

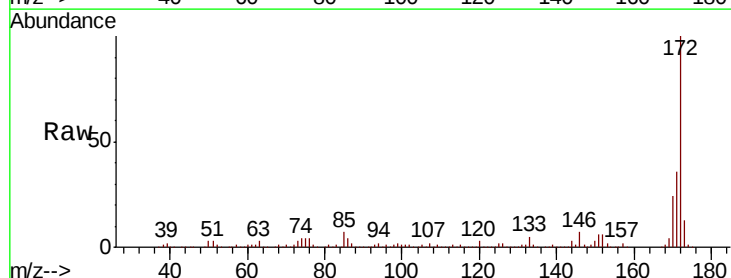
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.557 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF118252.D
 Acq: 18 Dec 2019 11:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.6	19.4	29.2

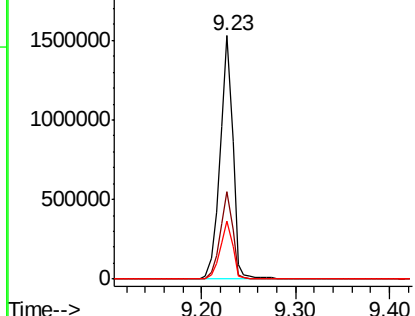
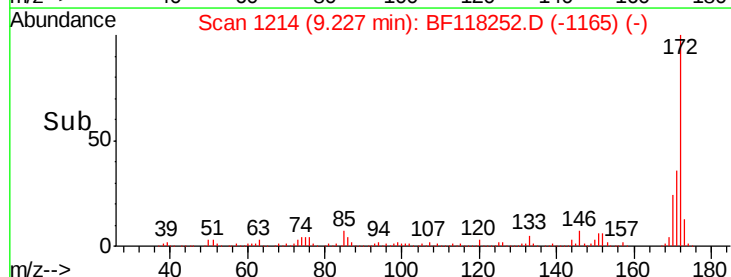


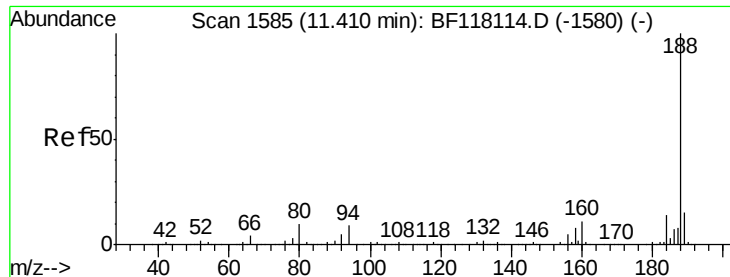
Abundance

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

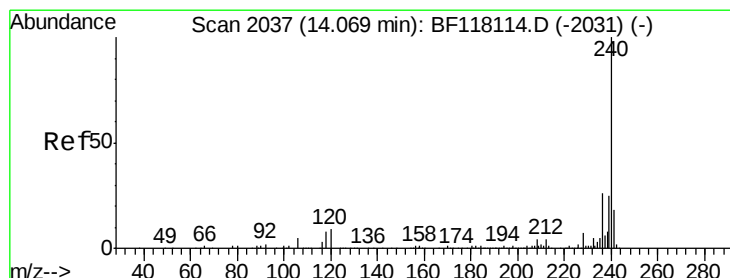
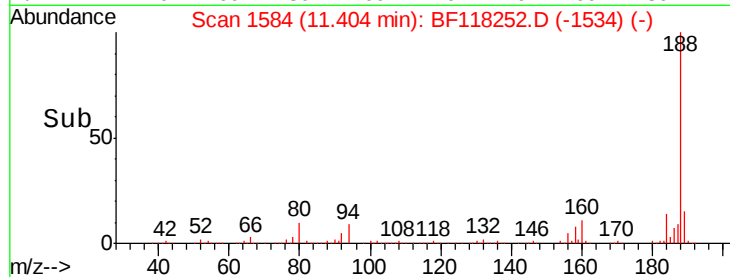
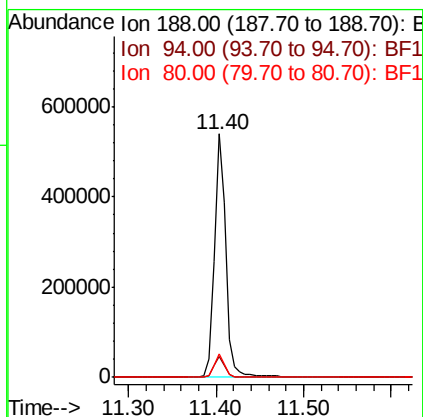
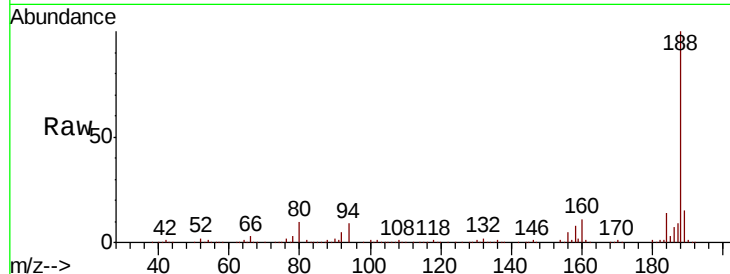




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118252.D
Acq: 18 Dec 2019 11:40

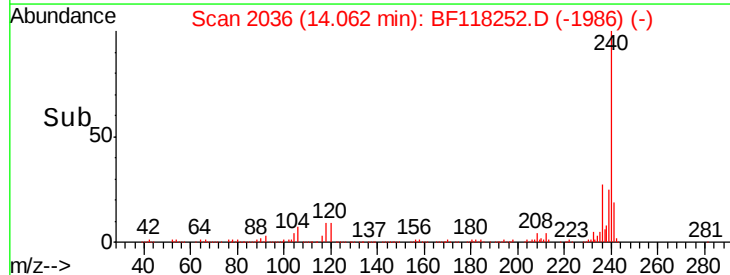
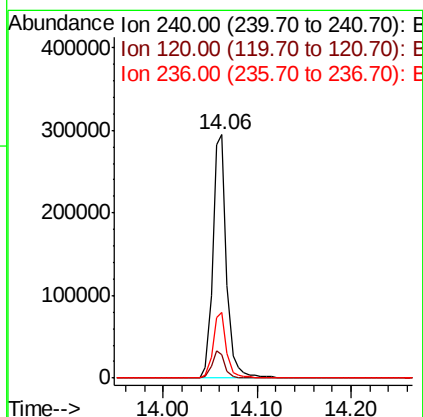
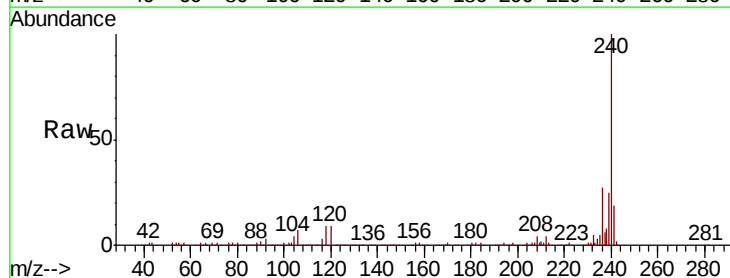
Instrument :
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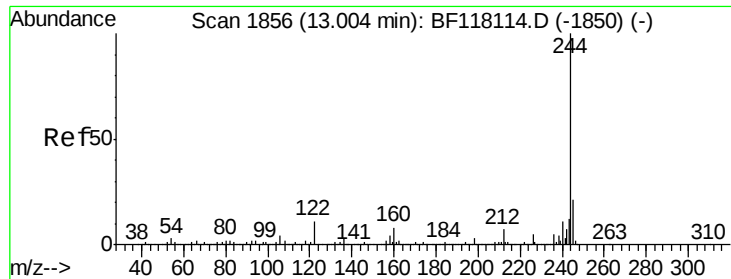
Tot Ion:188 Resp: 487847
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118252.D
Acq: 18 Dec 2019 11:40

Tgt Ion:240 Resp: 306897
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 27.0 21.0 31.6





#79

Terphenyl-d14

Concen: 99.780 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118252.D

Acq: 18 Dec 2019 11:40

Instrument :

BNA_F

ClientSampleId :

PB125529BL

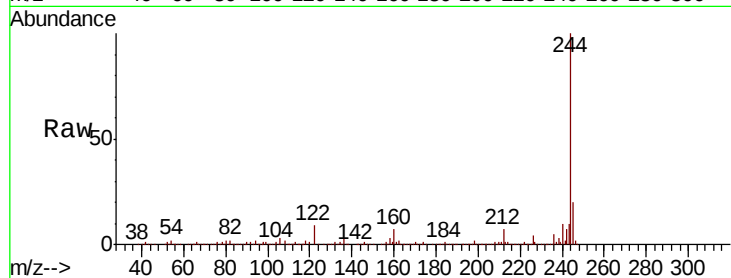
Tot Ion:244 Resp: 1780754

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

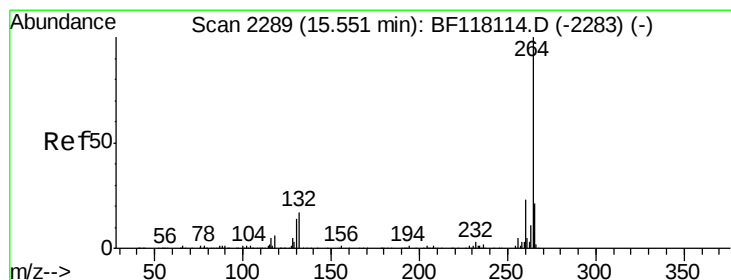
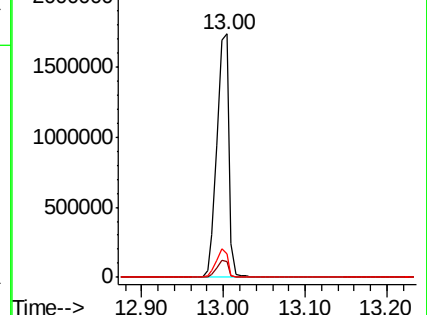
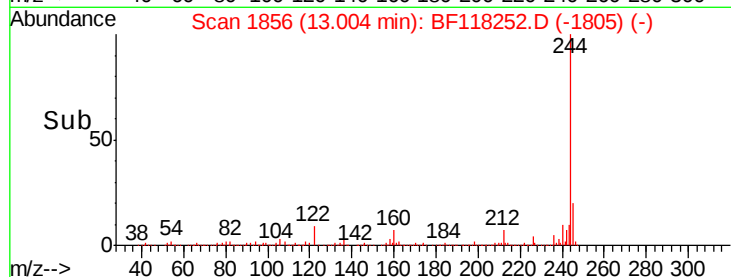
122 9.4 9.0 13.6



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: 15.56 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BF118252.D

Acq: 18 Dec 2019 11:40

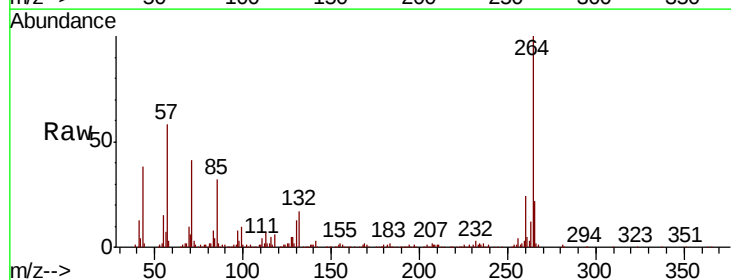
Tgt Ion:264 Resp: 256381

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 22.4 16.8 25.2



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

