

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
 Data File : BF119157.D
 Acq On : 29 Feb 2020 14:20
 Operator : CG/JU
 Sample : PB127150BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127150BL

Quant Time: Mar 02 06:03:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	153396	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	593231	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	344026	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	663637	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	463793	20.00	ng	-0.02
87) Perylene-d12	15.31	264	374500	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	516815	56.30	ng	-0.01
7) Phenol-d6	6.37	99	382029	34.22	ng	-0.03
23) Nitrobenzene-d5	7.30	82	975280	86.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	571578	127.00	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1948734	83.45	ng	-0.02
79) Terphenyl-d14	12.84	244	2518967	93.51	ng	-0.01

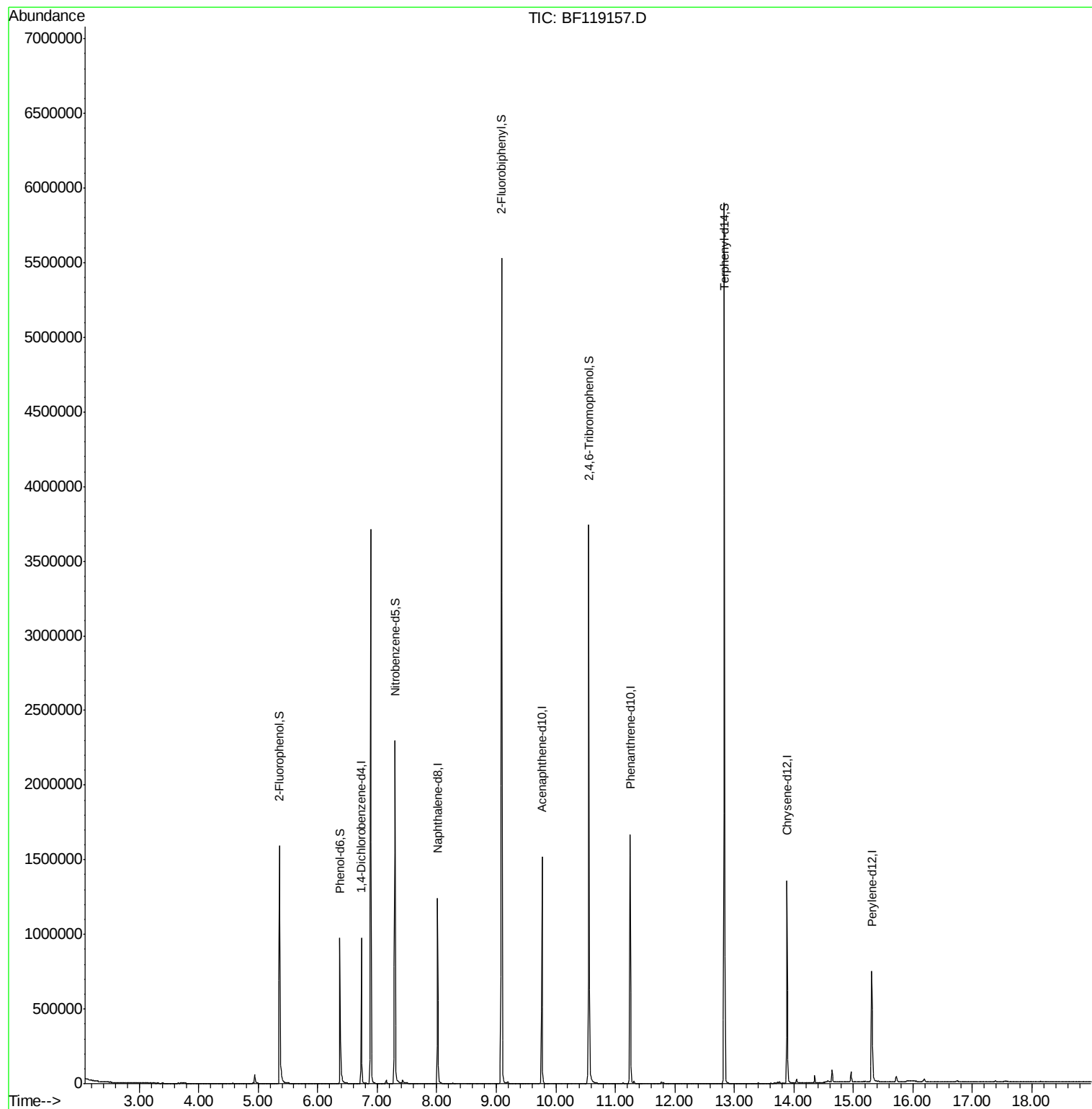
Target Compounds Qvalue

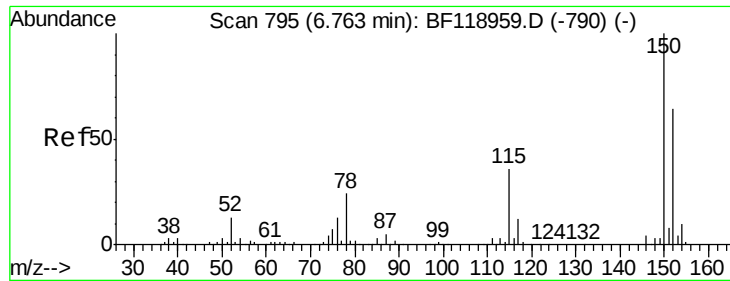
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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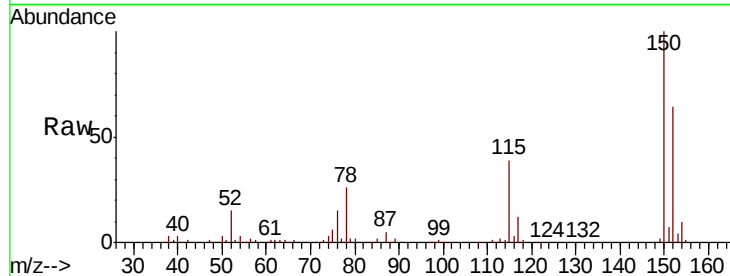


#1

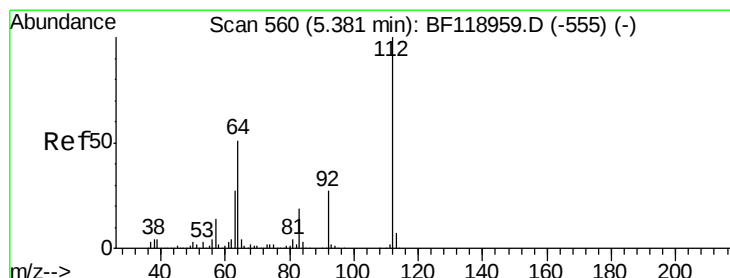
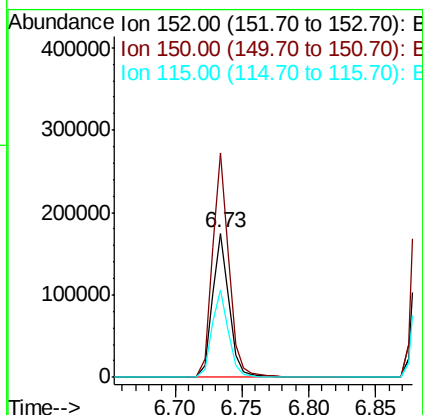
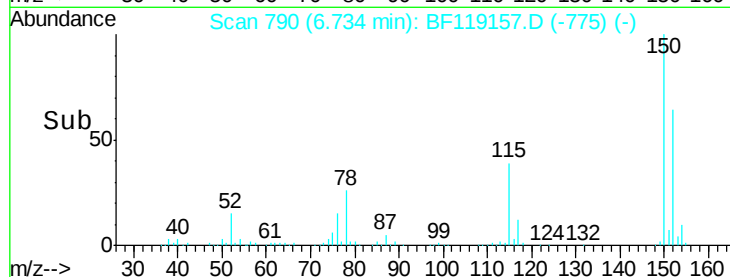
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119157.D
Acq: 29 Feb 2020 14:20

Instrument :
BNA_F
ClientSampleId :
PB127150BL

Tot Ion:152 Resp: 153396
Ion Ratio Lower Upper
152 100
150 155.9 123.0 184.6
115 61.0 49.5 74.3



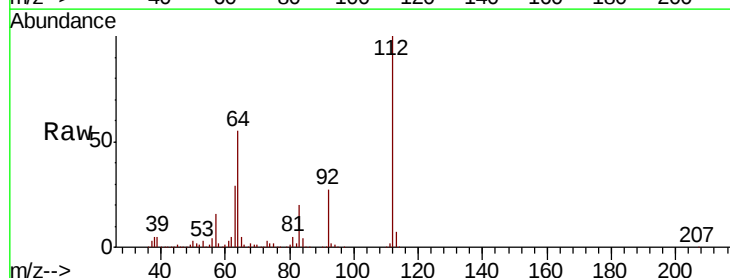
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



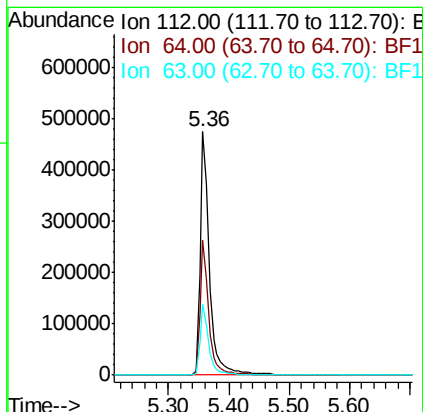
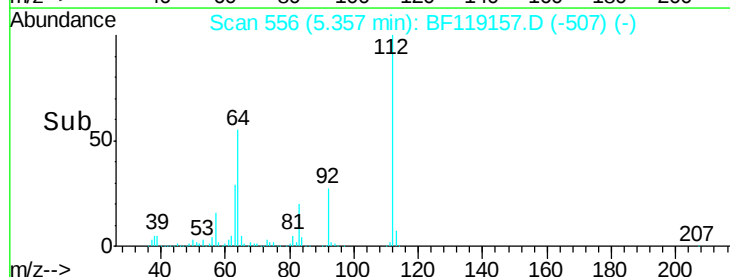
#5

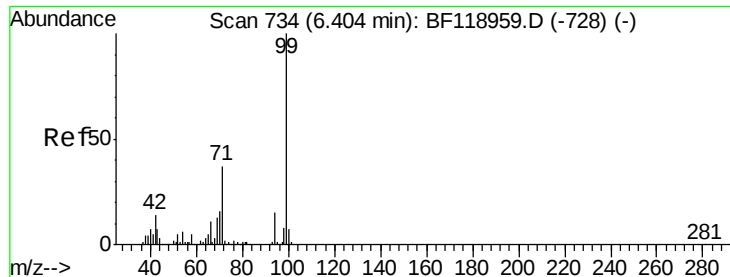
2-Fluorophenol
Concen: 56.305 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119157.D
Acq: 29 Feb 2020 14:20

Tgt Ion:112 Resp: 516815
Ion Ratio Lower Upper
112 100
64 55.4 45.0 67.4
63 29.2 24.2 36.4



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: 34.222 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF119157.D

Acq: 29 Feb 2020 14:20

Instrument :

BNA_F

ClientSampleId :

PB127150BL

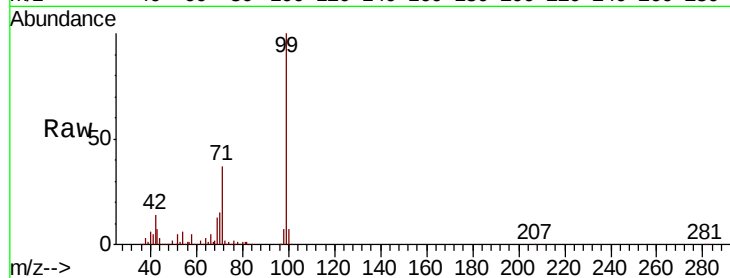
Tot Ion: 99 Resp: 382029

Ion Ratio Lower Upper

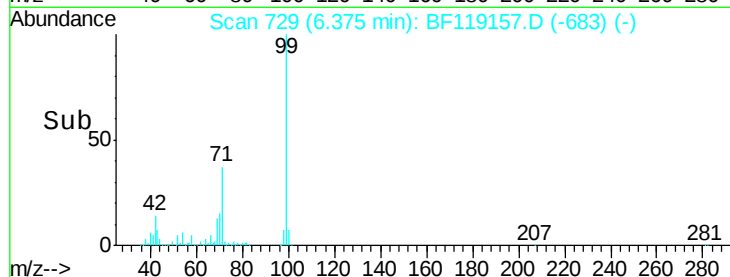
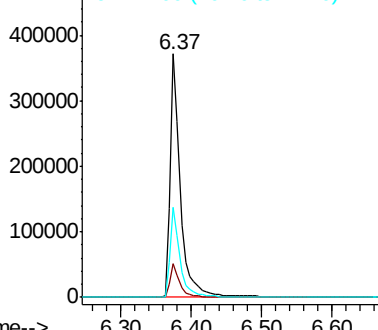
99 100

42 13.9 12.6 18.8

71 36.9 31.0 46.4



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: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119157.D

Acq: 29 Feb 2020 14:20

Tgt Ion: 136 Resp: 593231

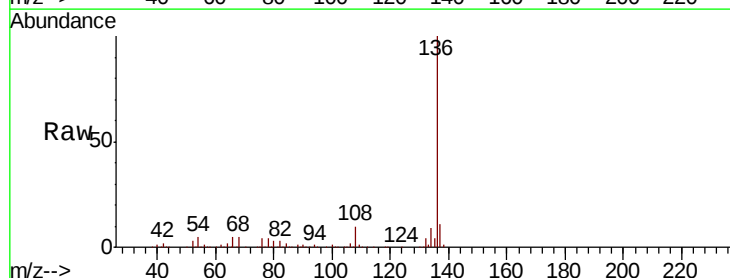
Ion Ratio Lower Upper

136 100

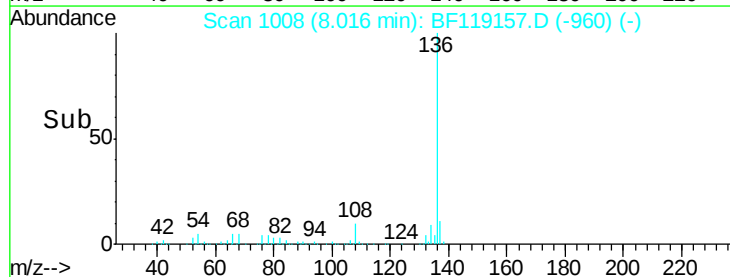
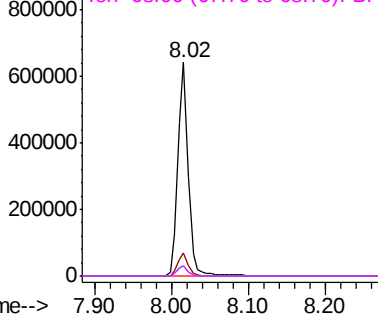
137 10.6 8.8 13.2

54 4.7 3.8 5.6

68 4.9 3.9 5.9



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

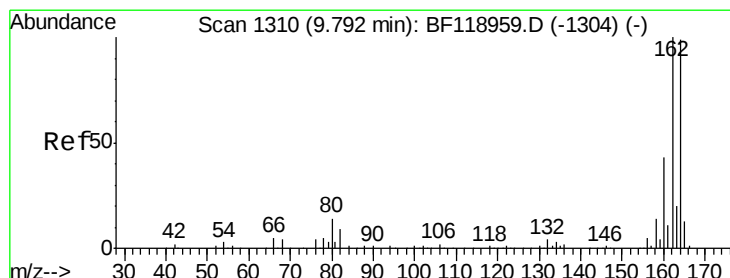
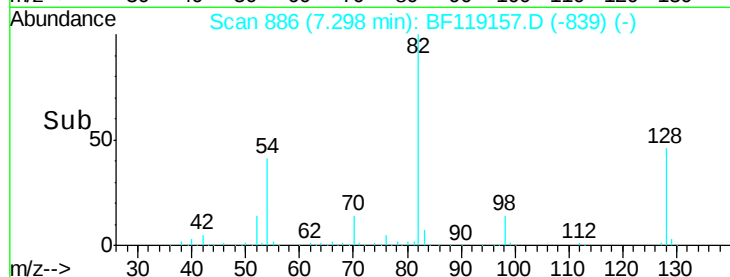
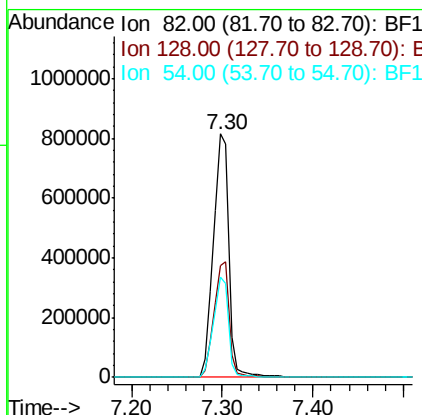
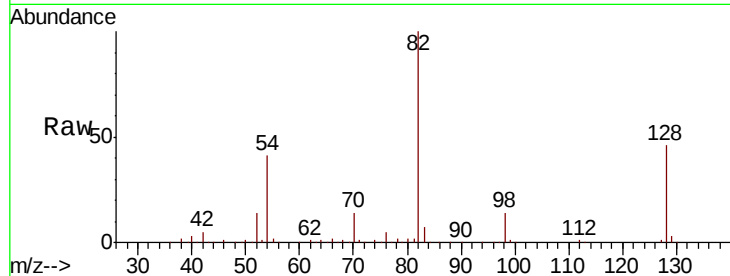




#23
 Nitrobenzene-d5
 Concen: 86.804 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119157.D
 Acq: 29 Feb 2020 14:20

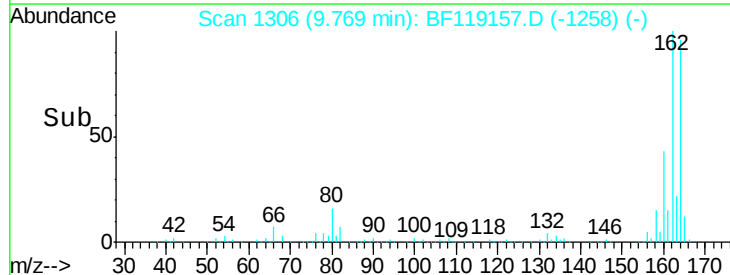
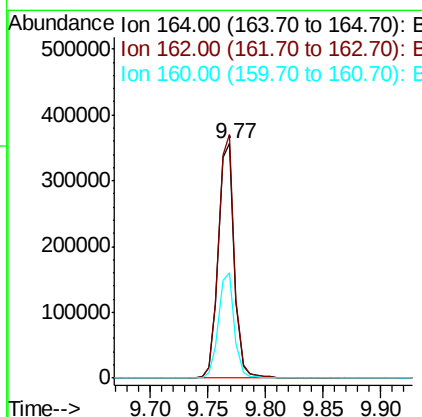
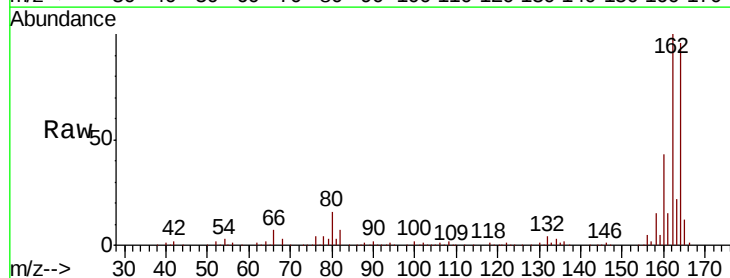
Instrument :
 BNA_F
 ClientSampleId :
 PB127150BL

Tot Ion: 82 Resp: 975280
 Ion Ratio Lower Upper
 82 100
 128 45.9 37.9 56.9
 54 41.4 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF119157.D
 Acq: 29 Feb 2020 14:20

Tgt Ion:164 Resp: 344026
 Ion Ratio Lower Upper
 164 100
 162 104.0 81.8 122.8
 160 45.1 36.0 54.0

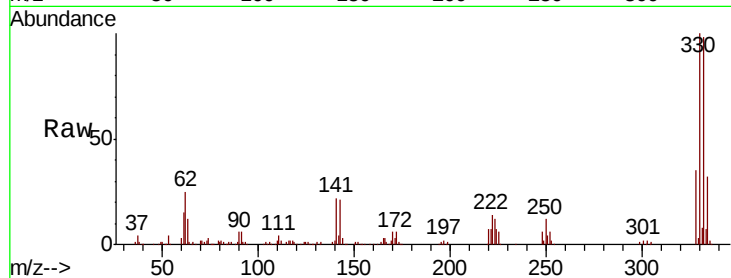




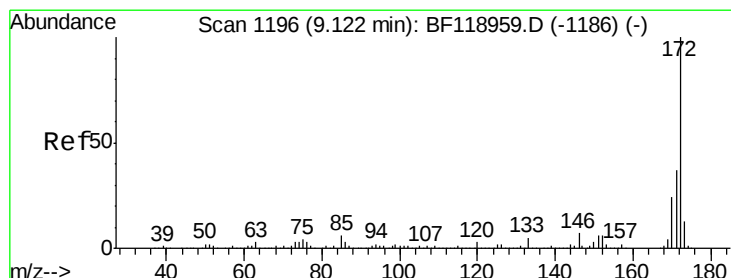
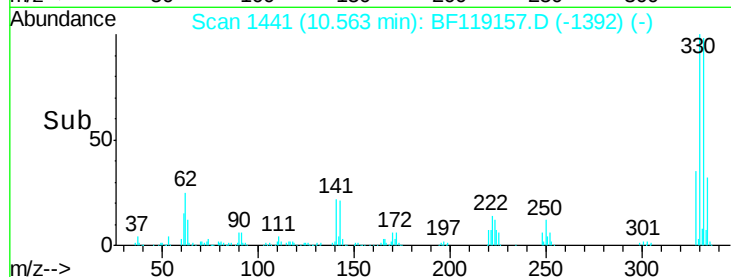
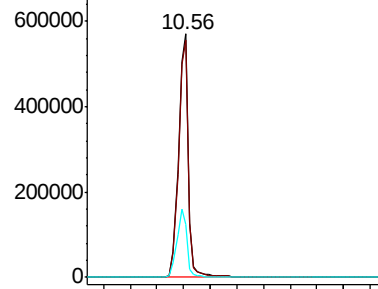
#42
 2,4,6-Tribromophenol
 Concen: 127.005 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119157.D
 Acq: 29 Feb 2020 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB127150BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.0	114.0
141	28.7	22.9	34.3

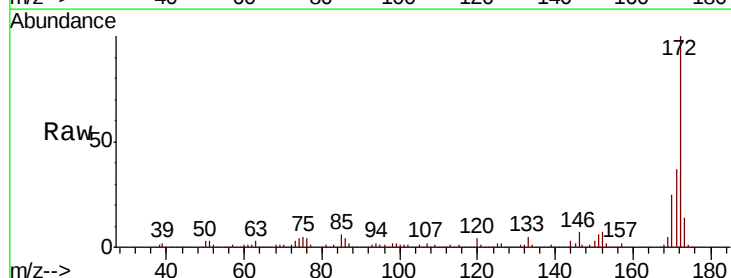


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

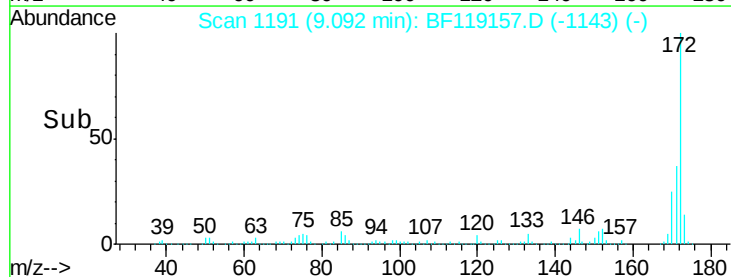
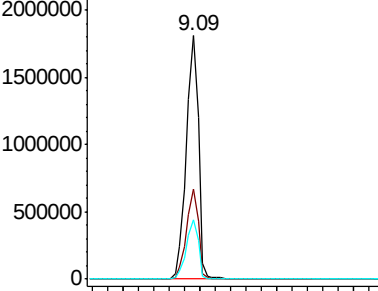


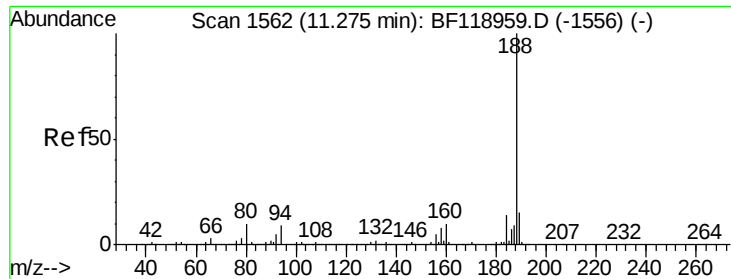
#45
 2-Fluorobiphenyl
 Concen: 83.448 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119157.D
 Acq: 29 Feb 2020 14:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	45.8
170	24.6	20.2	30.2



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

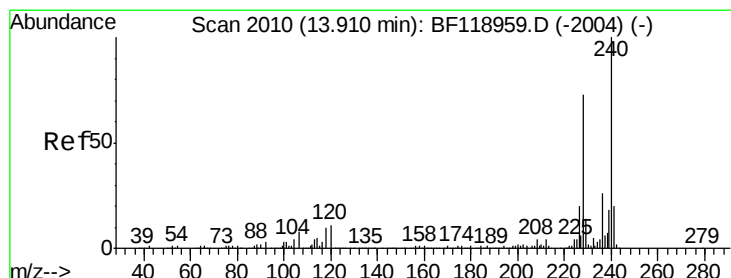
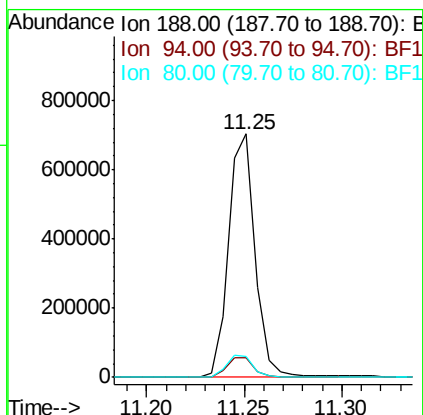
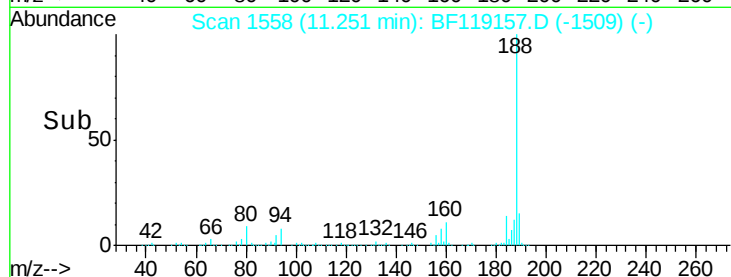
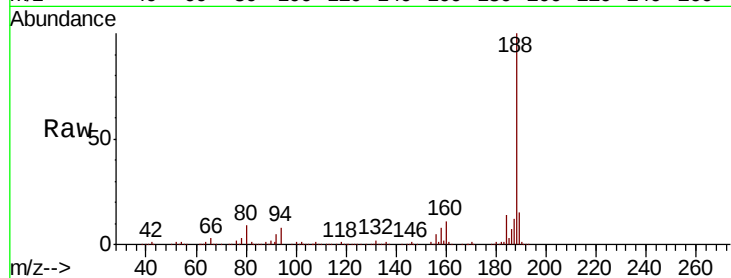




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119157.D
Acq: 29 Feb 2020 14:20

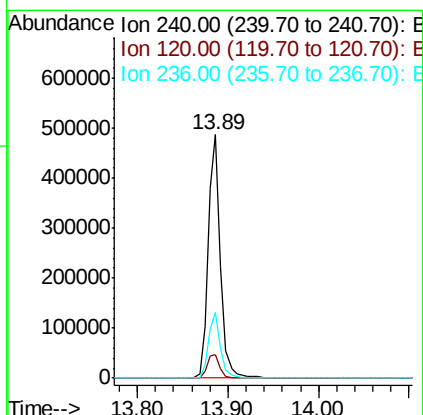
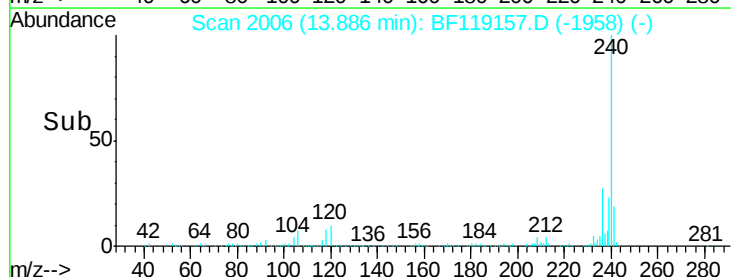
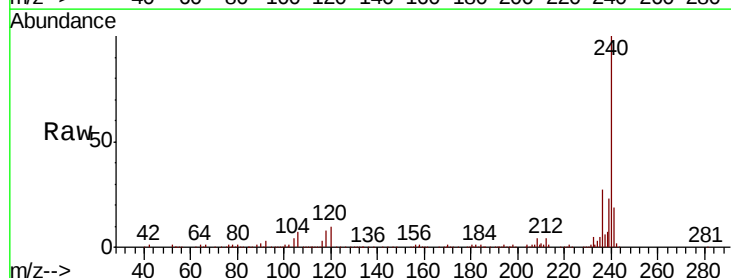
Instrument :
BNA_F
ClientSampleId :
PB127150BL

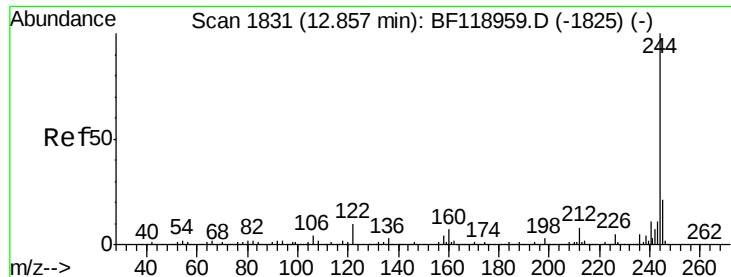
Tot Ion:188 Resp: 663637
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 8.5 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF119157.D
Acq: 29 Feb 2020 14:20

Tgt Ion:240 Resp: 463793
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 26.8 21.0 31.4





#79

Terphenyl-d14

Concen: 93.508 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119157.D

Acq: 29 Feb 2020 14:20

Instrument :

BNA_F

ClientSampleId :

PB127150BL

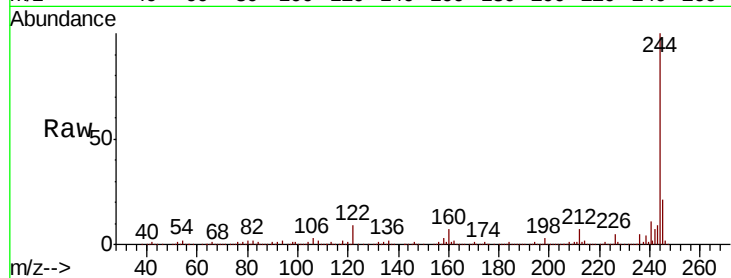
Tot Ion:244 Resp: 2518967

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

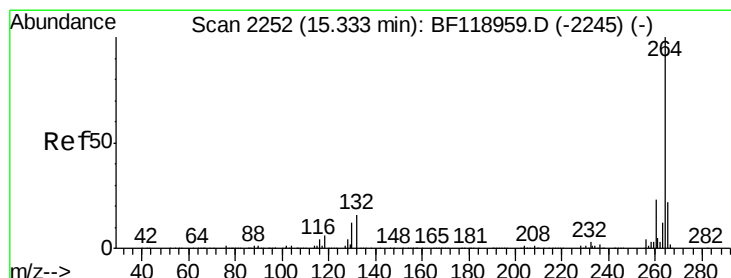
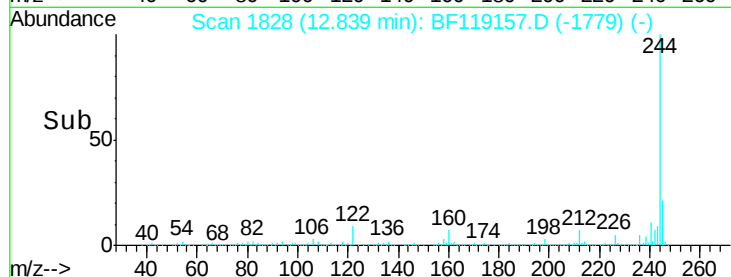
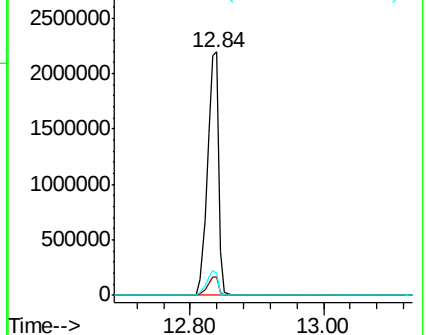
122 9.0 8.2 12.2



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: 15.31 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BF119157.D

Acq: 29 Feb 2020 14:20

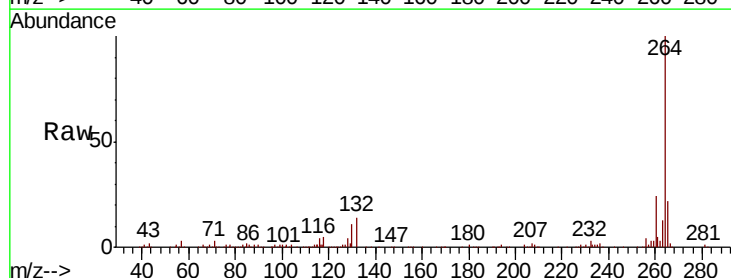
Tgt Ion:264 Resp: 374500

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

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

