

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119489.D
 Acq On : 24 Mar 2020 15:14
 Operator : CG/JU
 Sample : PB127762BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BL

Quant Time: Mar 24 17:13:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	306465	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1178807	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	611353	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1214142	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	1052716	20.00	ng	-0.02
87) Perylene-d12	15.49	264	1046425	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2447285	127.12	ng	0.00
7) Phenol-d6	6.47	99	3027605	123.11	ng	0.00
23) Nitrobenzene-d5	7.40	82	1935603	89.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	900846	142.83	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3557776	86.21	ng	-0.01
79) Terphenyl-d14	12.97	244	4309404	80.20	ng	-0.01

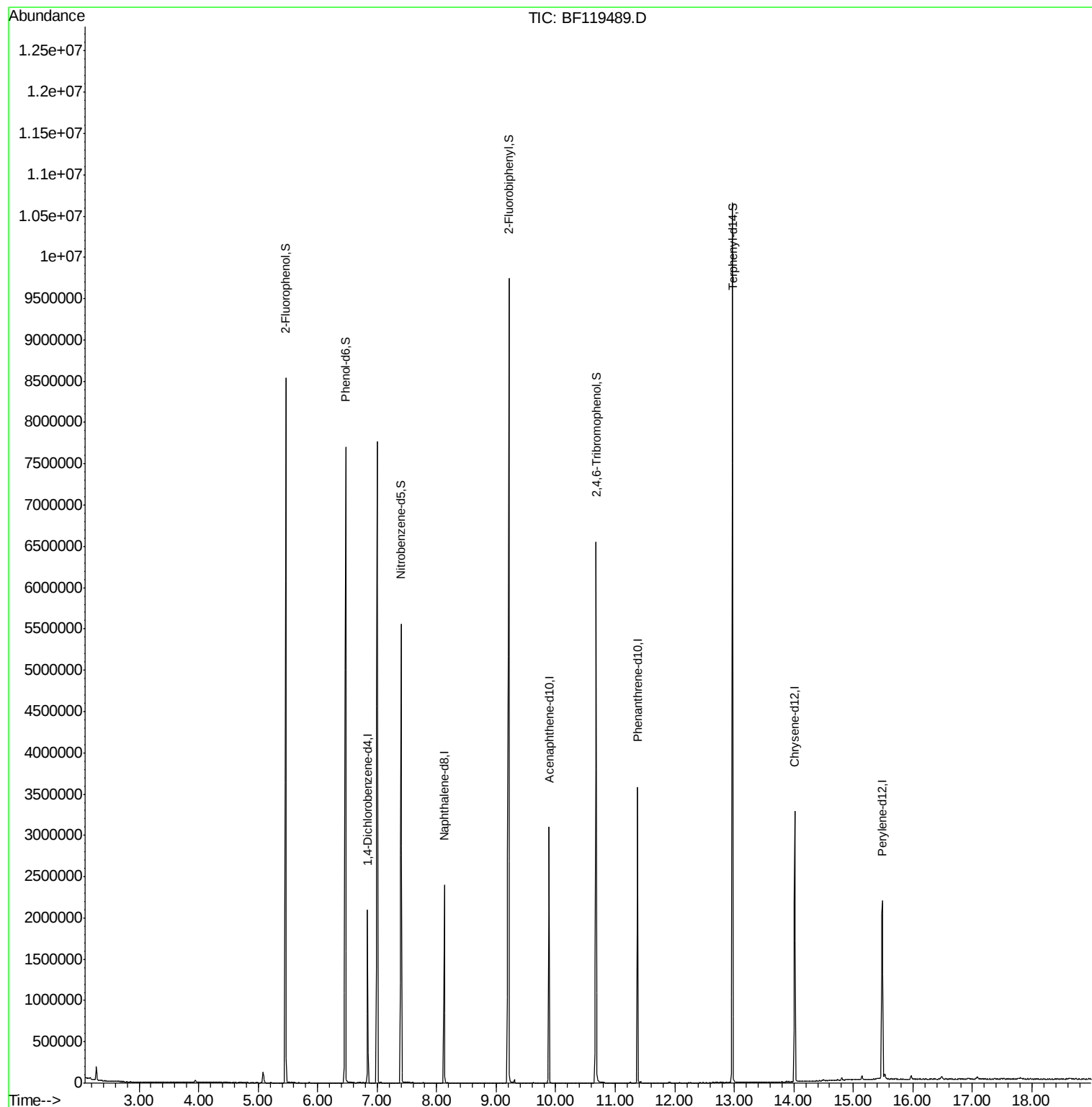
Target Compounds Qvalue

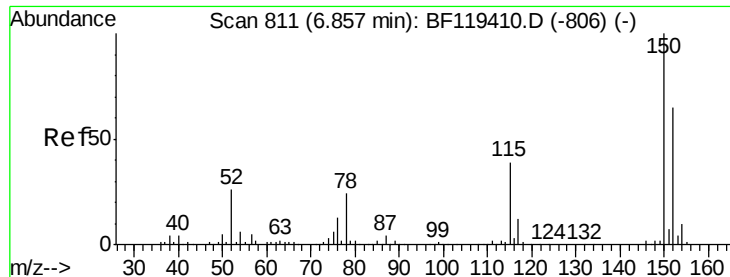
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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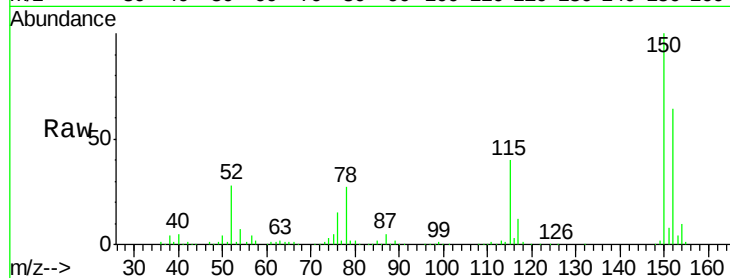


#1

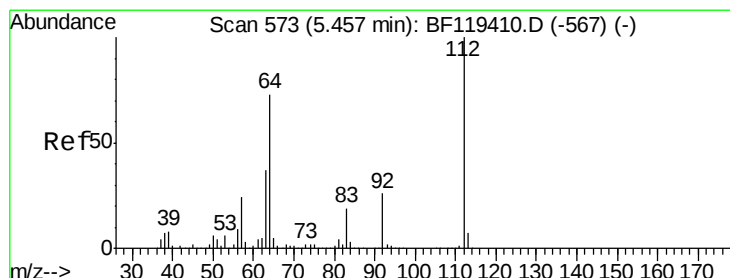
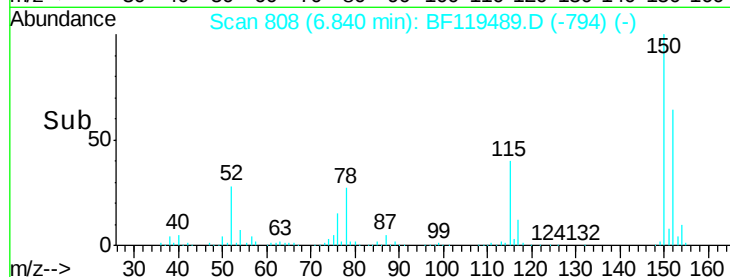
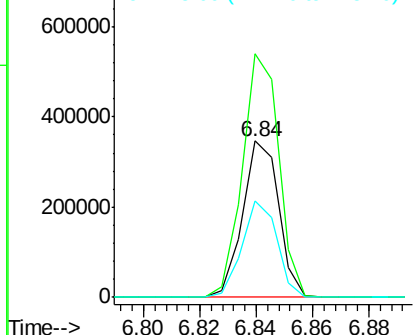
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119489.D
Acq: 24 Mar 2020 15:14

Instrument :
BNA_F
ClientSampleId :
PB127762BL

Tot Ion:152 Resp: 306465
Ion Ratio Lower Upper
152 100
150 156.1 123.9 185.9
115 61.7 47.8 71.6



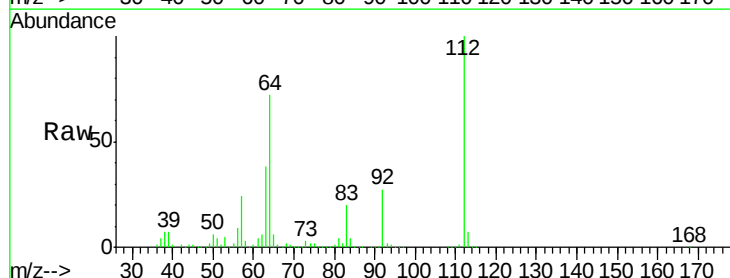
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



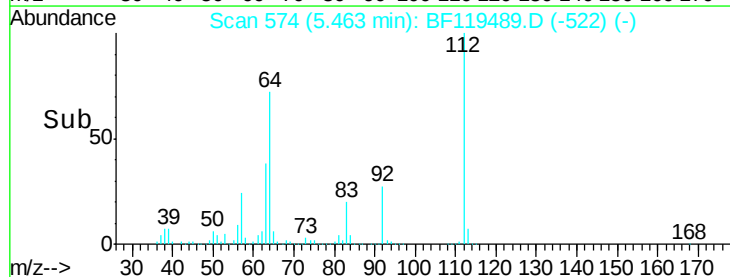
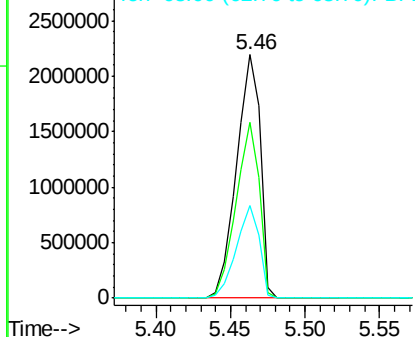
#5

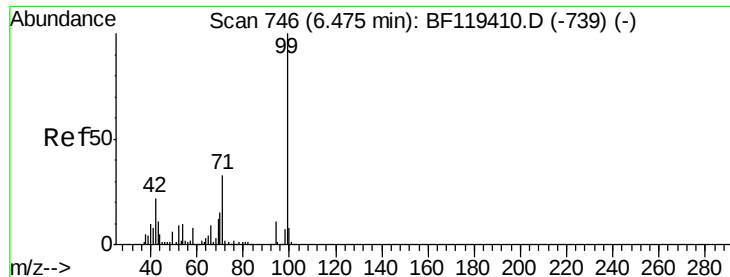
2-Fluorophenol
Concen: 127.122 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119489.D
Acq: 24 Mar 2020 15:14

Tgt Ion:112 Resp: 2447285
Ion Ratio Lower Upper
112 100
64 72.3 58.1 87.1
63 38.1 29.7 44.5



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: 123.111 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119489.D

Acq: 24 Mar 2020 15:14

Instrument :

BNA_F

ClientSampleId :

PB127762BL

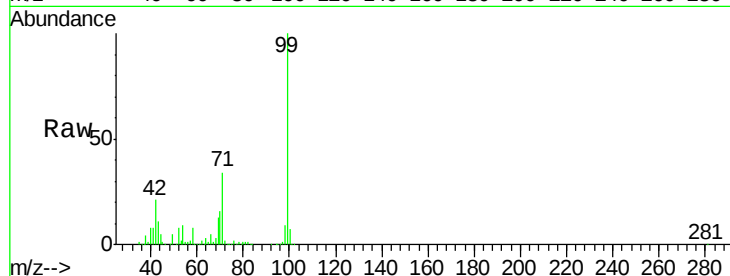
Tot Ion: 99 Resp: 3027605

Ion Ratio Lower Upper

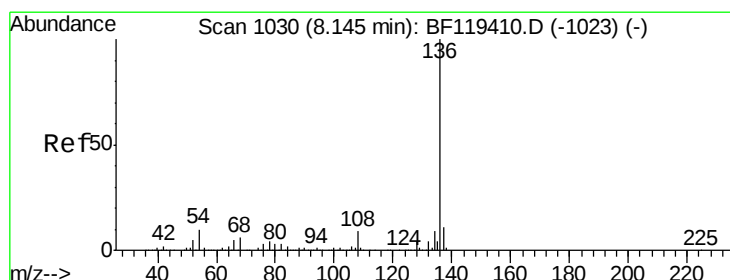
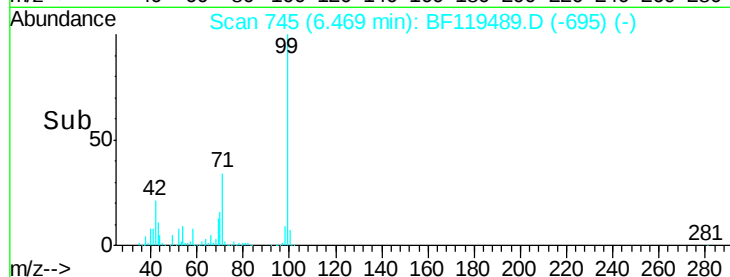
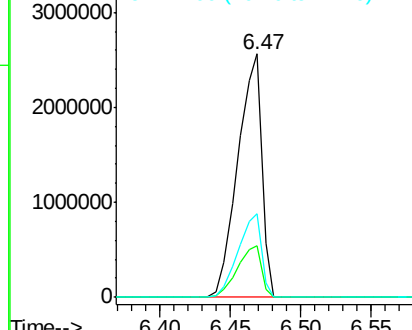
99 100

42 21.2 17.8 26.6

71 34.4 26.0 39.0



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: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119489.D

Acq: 24 Mar 2020 15:14

Tgt Ion: 136 Resp: 1178807

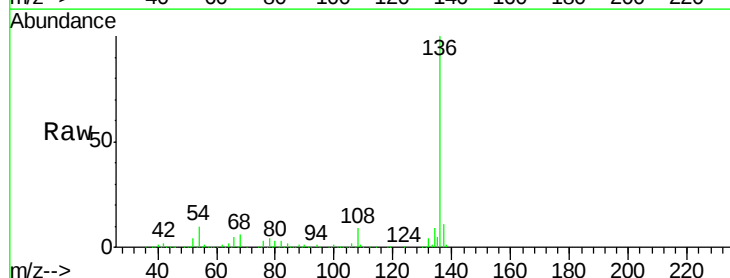
Ion Ratio Lower Upper

136 100

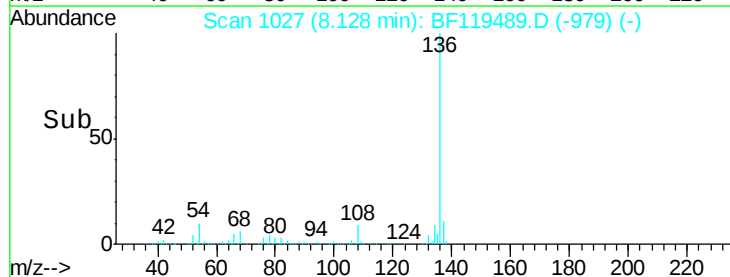
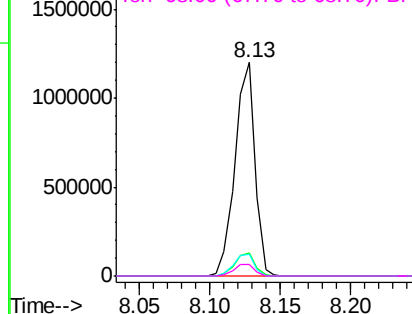
137 10.6 8.4 12.6

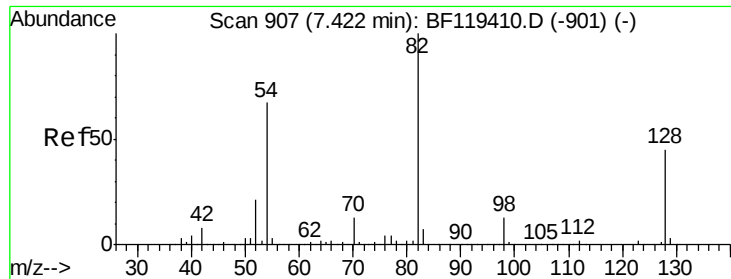
54 9.9 8.3 12.5

68 5.5 4.9 7.3



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

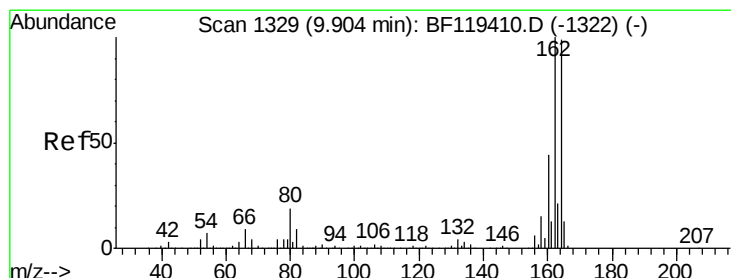
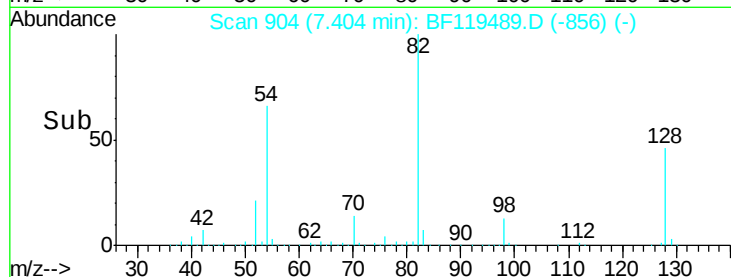
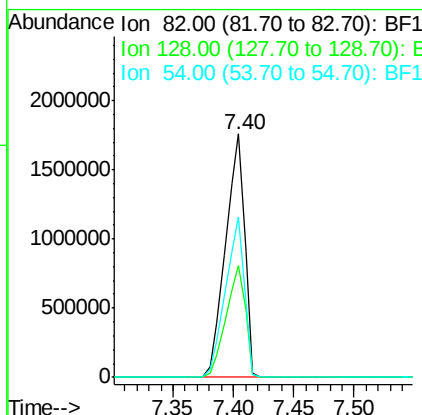
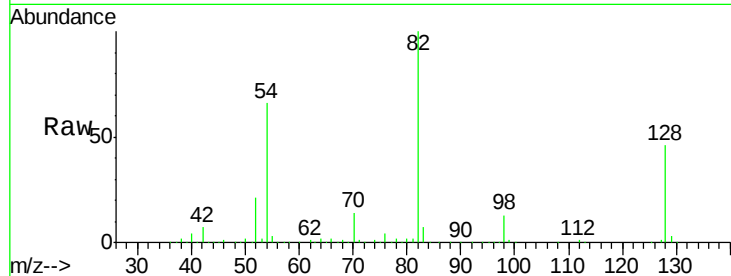




#23
 Nitrobenzene-d5
 Concen: 89.239 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF119489.D
 Acq: 24 Mar 2020 15:14

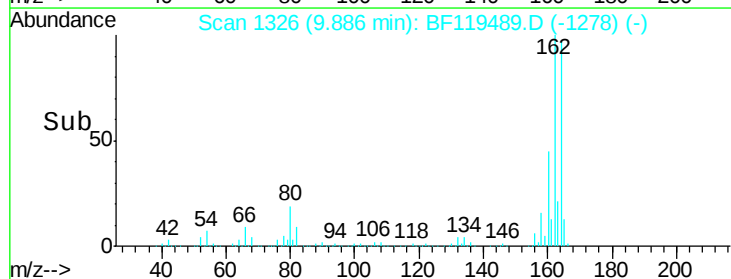
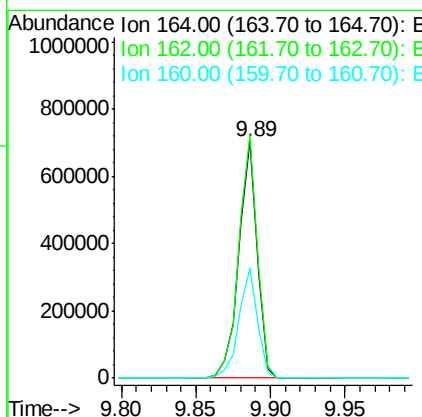
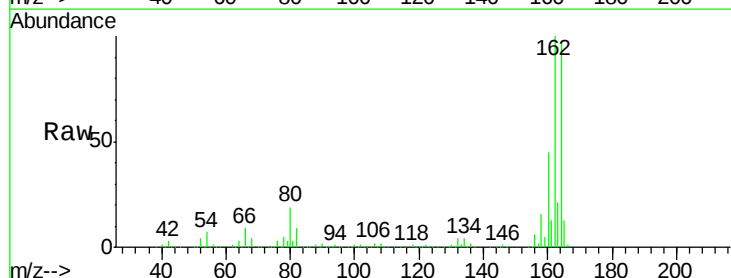
Instrument :
 BNA_F
 ClientSampleId :
 PB127762BL

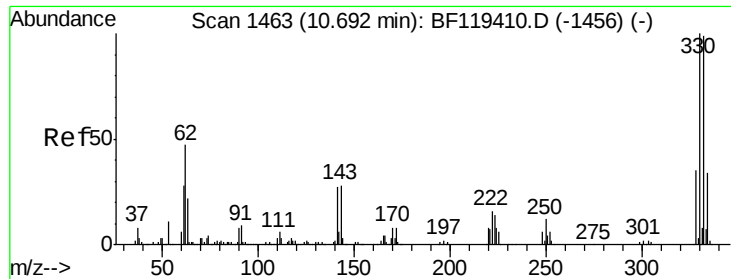
Tot Ion: 82 Resp: 1935603
 Ion Ratio Lower Upper
 82 100
 128 45.9 35.8 53.8
 54 65.9 53.4 80.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.02 min
 Lab File: BF119489.D
 Acq: 24 Mar 2020 15:14

Tgt Ion: 164 Resp: 611353
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.7 121.1
 160 46.5 35.5 53.3

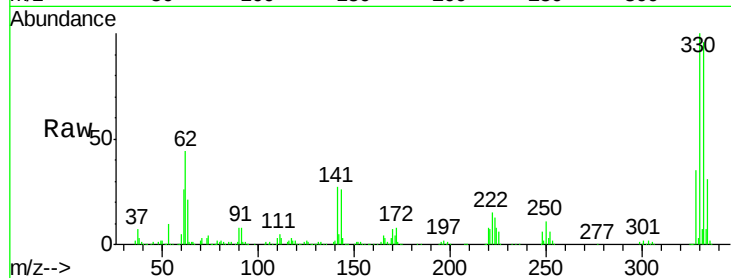




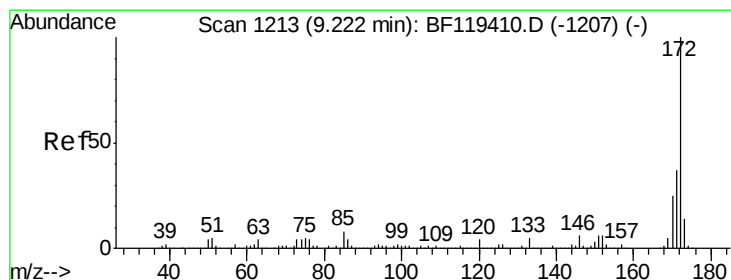
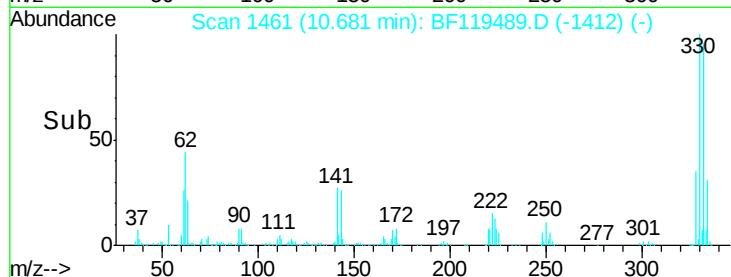
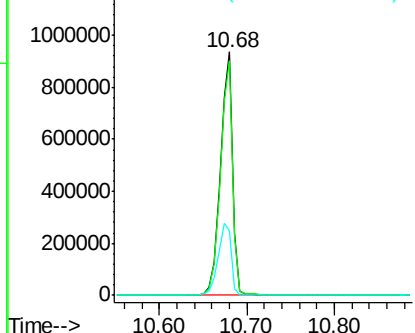
#42
 2,4,6-Tribromophenol
 Concen: 142.830 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF119489.D
 Acq: 24 Mar 2020 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BL

Tot Ion:330 Resp: 900846
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.6 116.4
 141 32.0 26.6 40.0

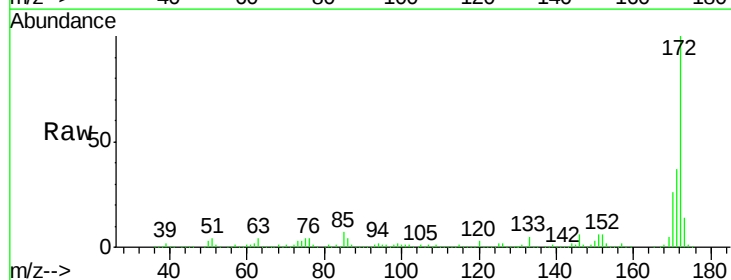


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

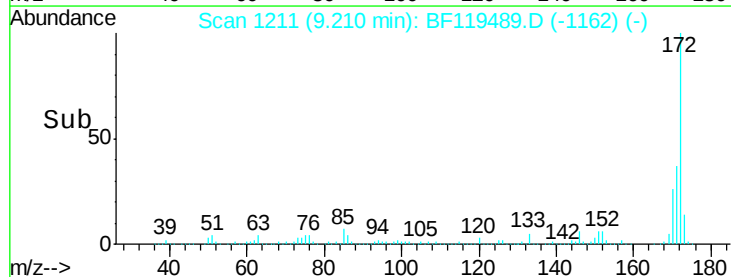
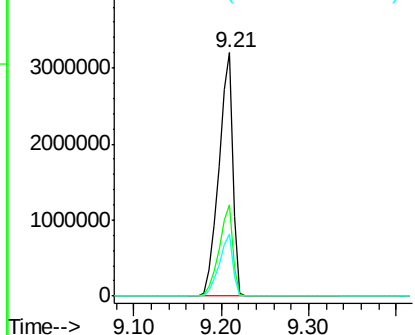


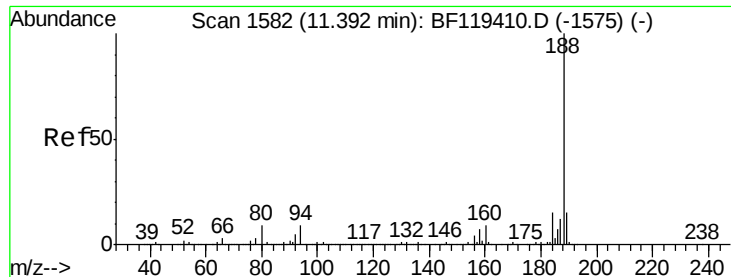
#45
 2-Fluorobiphenyl
 Concen: 86.214 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF119489.D
 Acq: 24 Mar 2020 15:14

Tgt Ion:172 Resp: 3557776
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.9 44.9
 170 25.6 20.1 30.1



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

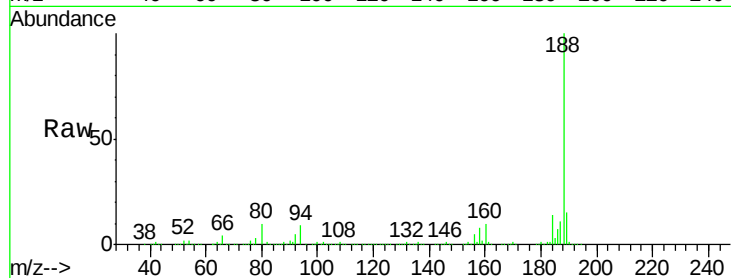




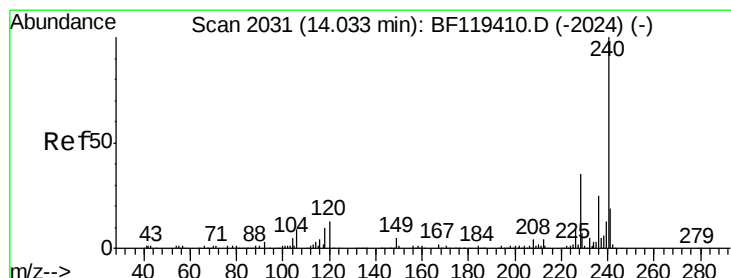
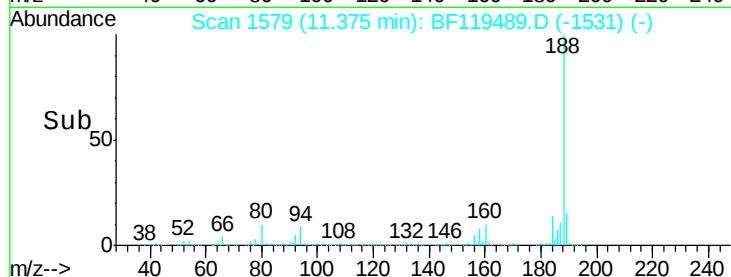
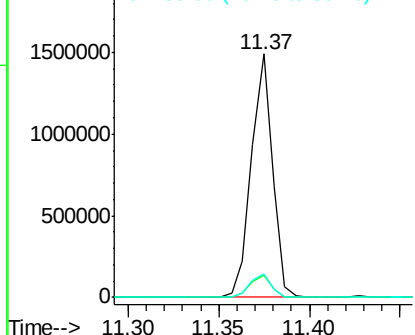
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF119489.D
Acq: 24 Mar 2020 15:14

Instrument :
BNA_F
ClientSampleId :
PB127762BL

Tot Ion:188 Resp: 1214142
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 9.8 7.5 11.3

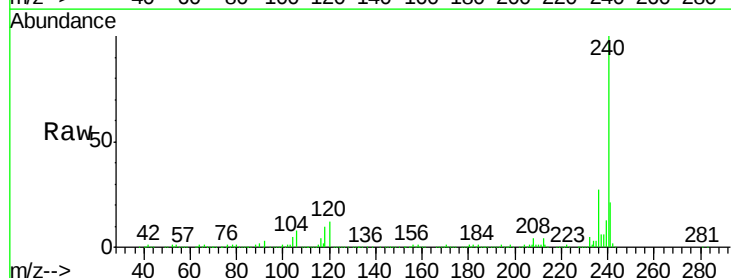


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

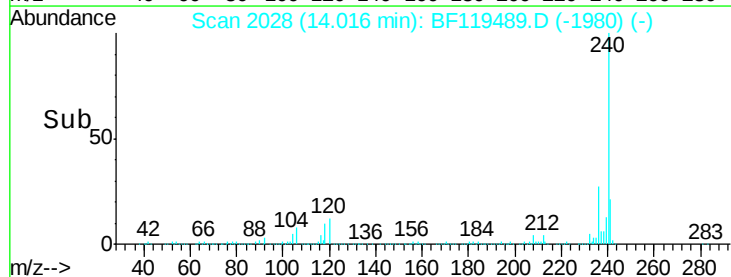
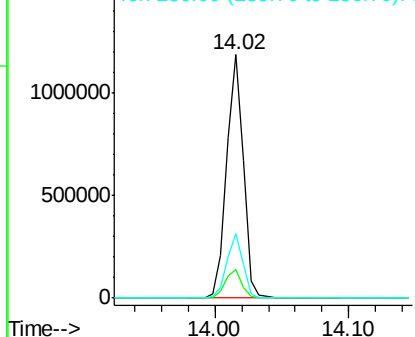


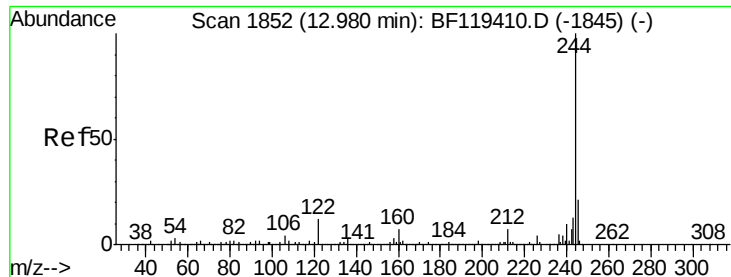
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF119489.D
Acq: 24 Mar 2020 15:14

Tgt Ion:240 Resp: 1052716
Ion Ratio Lower Upper
240 100
120 12.0 10.2 15.4
236 26.7 20.4 30.6



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: 80.202 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119489.D

Acq: 24 Mar 2020 15:14

Instrument :

BNA_F

ClientSampleId :

PB127762BL

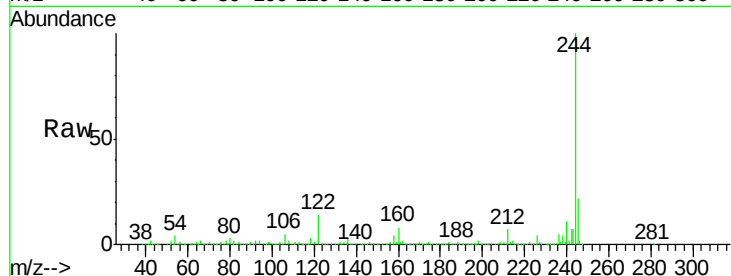
Tot Ion:244 Resp: 4309404

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

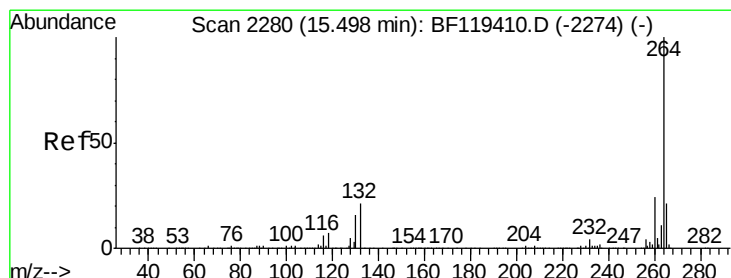
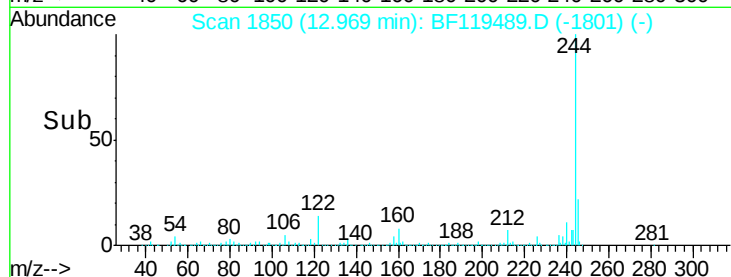
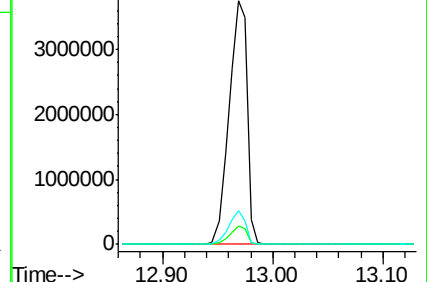
122 14.0 9.8 14.8



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: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF119489.D

Acq: 24 Mar 2020 15:14

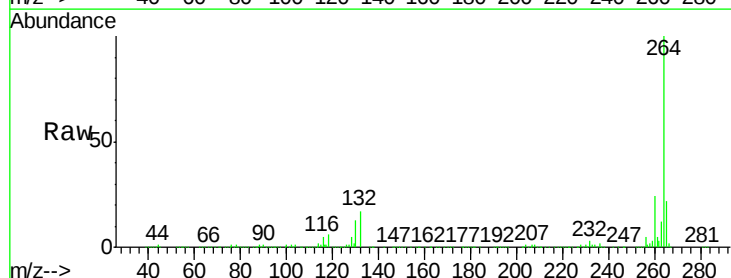
Tgt Ion:264 Resp: 1046425

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.3 16.9 25.3



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

