

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119738.D
 Acq On : 4 Apr 2020 00:49
 Operator : MA/SJ
 Sample : L2122-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-040120

Quant Time: Apr 04 01:23:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	200070	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	746596	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	380514	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	712727	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	450989	20.00	ng	-0.03
87) Perylene-d12	15.42	264	430549	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1665536	132.52	ng	0.02
7) Phenol-d6	6.44	99	1959238	122.04	ng	0.00
23) Nitrobenzene-d5	7.37	82	1373696	100.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	606308	154.45	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	2411346	93.88	ng	-0.01
79) Terphenyl-d14	12.92	244	2587956	112.43	ng	-0.02

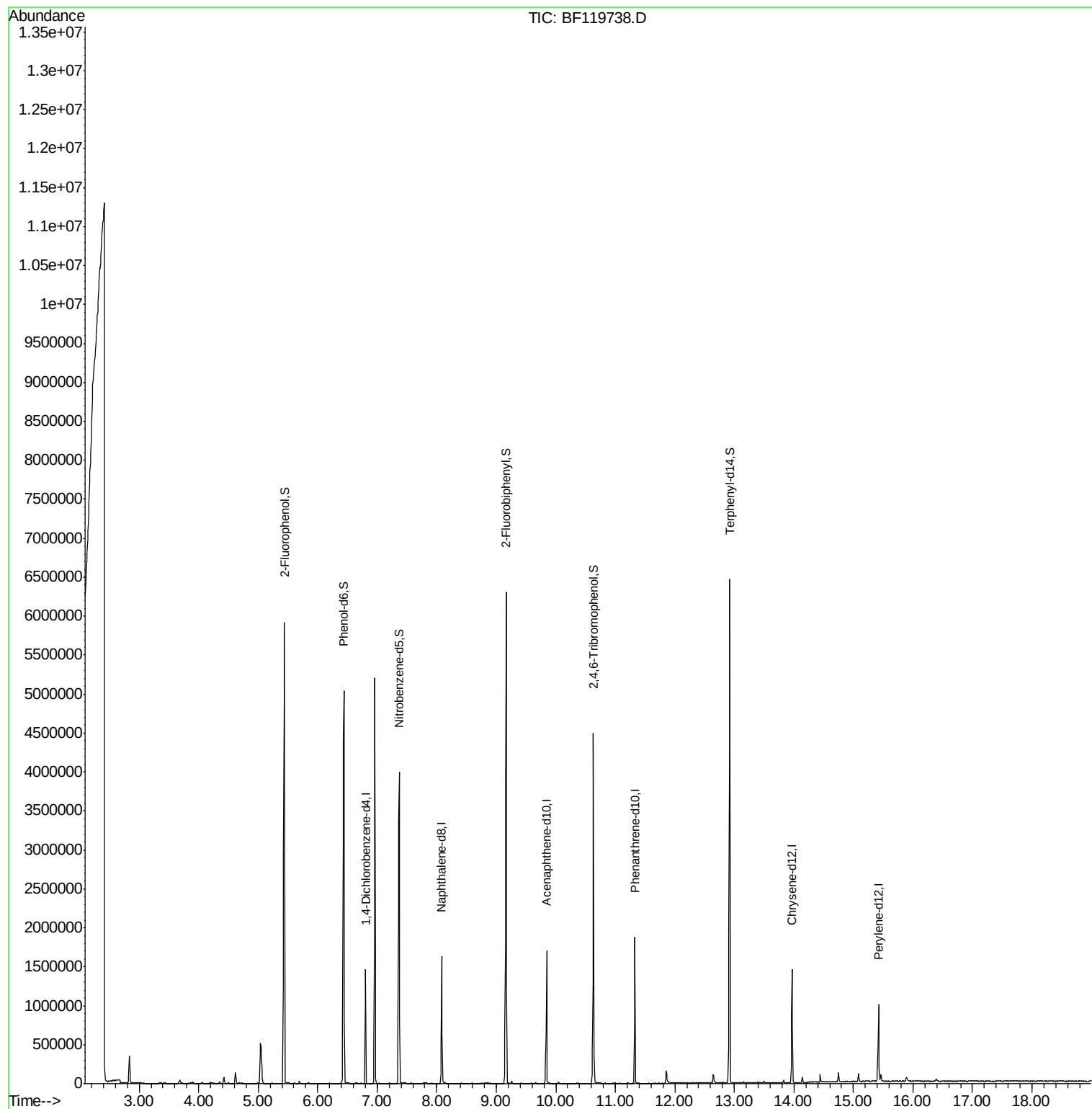
Target Compounds Qvalue

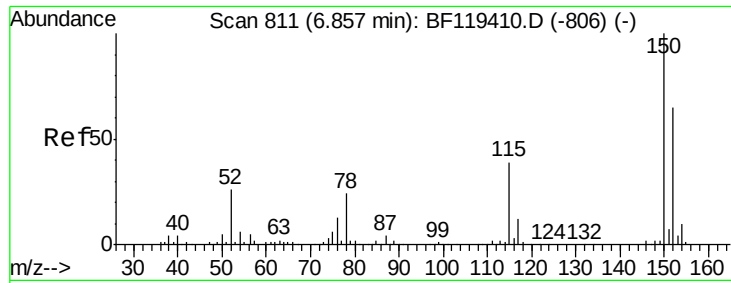
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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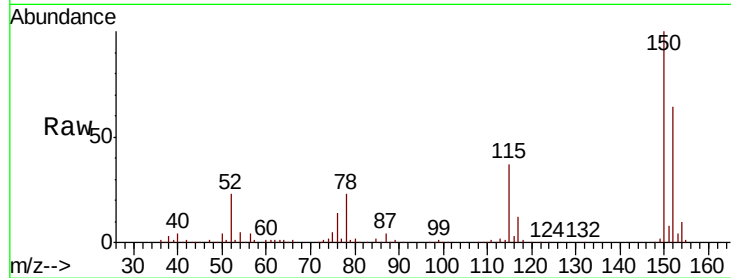


#1

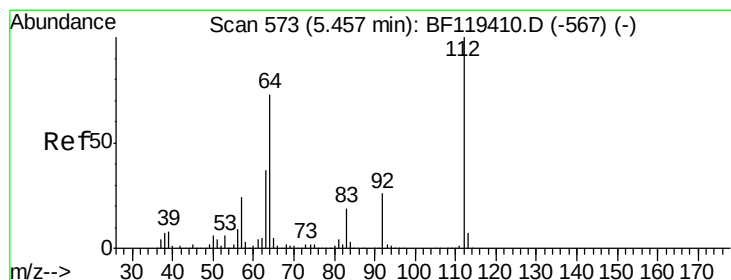
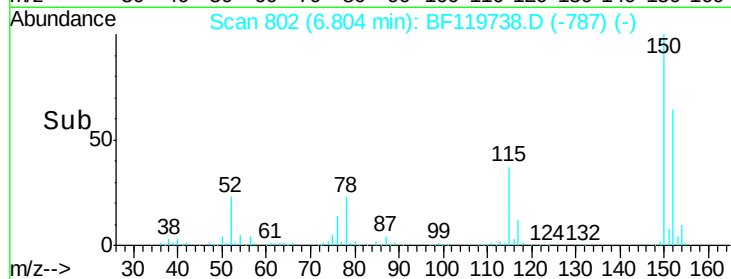
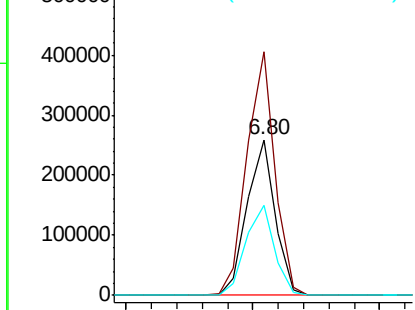
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF119738.D
 Acq: 4 Apr 2020 00:49

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-040120

Tot Ion:152 Resp: 200070
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.5 186.7
 115 57.7 49.6 74.4



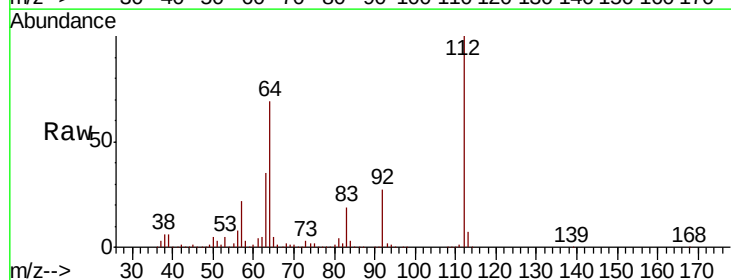
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



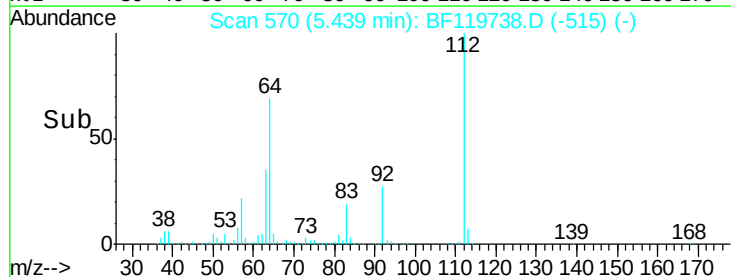
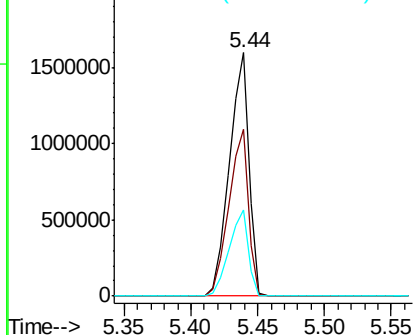
#5

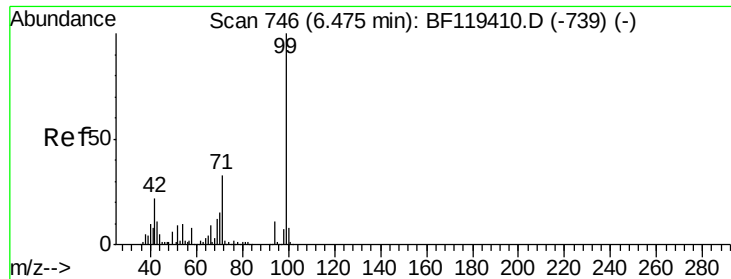
2-Fluorophenol
 Concen: 132.522 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF119738.D
 Acq: 4 Apr 2020 00:49

Tgt Ion:112 Resp: 1665536
 Ion Ratio Lower Upper
 112 100
 64 68.7 56.7 85.1
 63 35.3 29.5 44.3



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: 122.035 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

Instrument :

BNA_F

ClientSampleId :

SU-01-040120

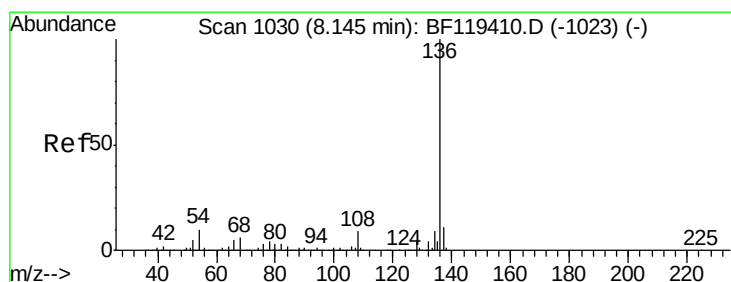
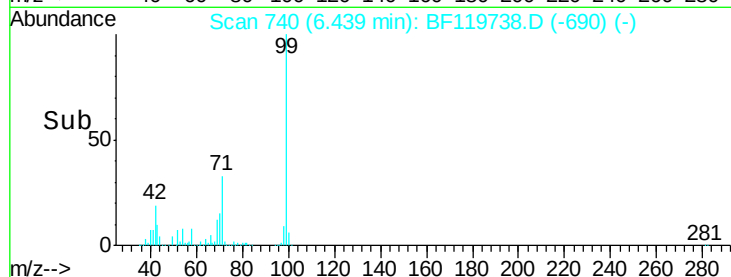
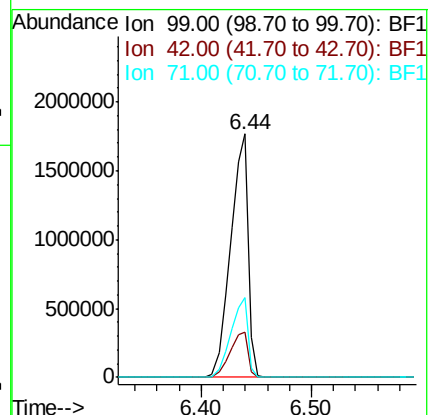
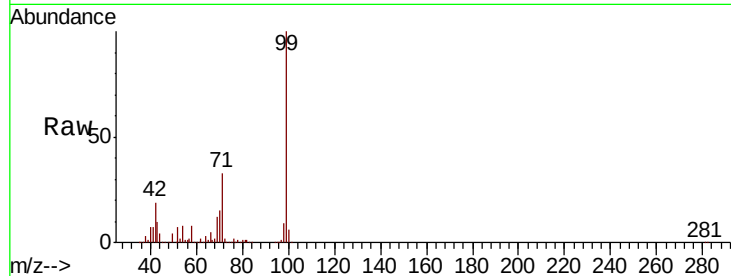
Tot Ion: 99 Resp: 1959238

Ion Ratio Lower Upper

99 100

42 18.6 16.6 24.8

71 32.9 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

Tgt Ion: 136 Resp: 746596

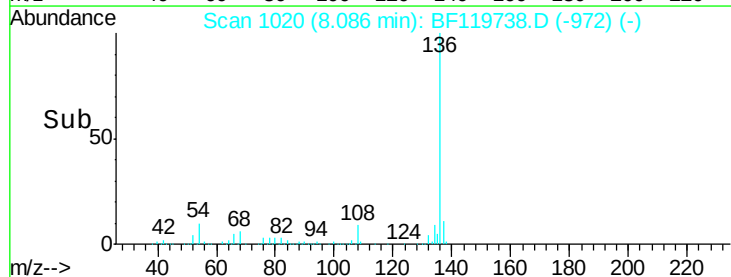
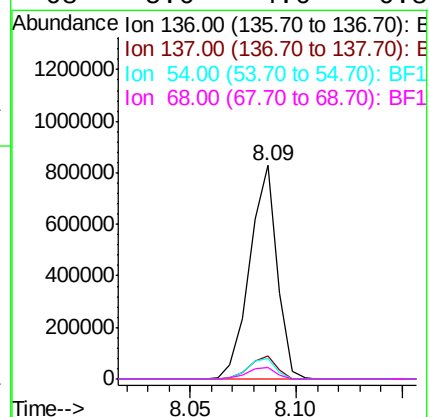
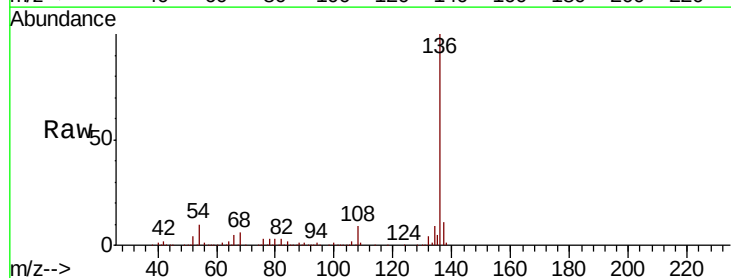
Ion Ratio Lower Upper

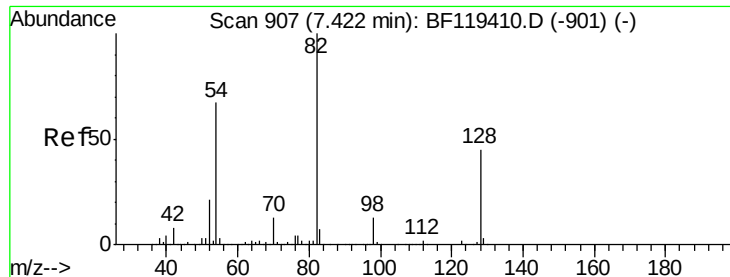
136 100

137 10.6 8.7 13.1

54 9.5 9.1 13.7

68 5.6 4.6 6.8

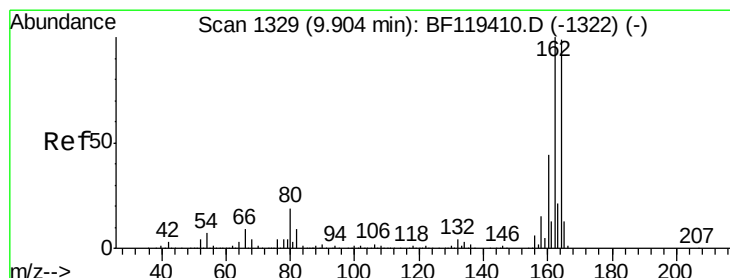
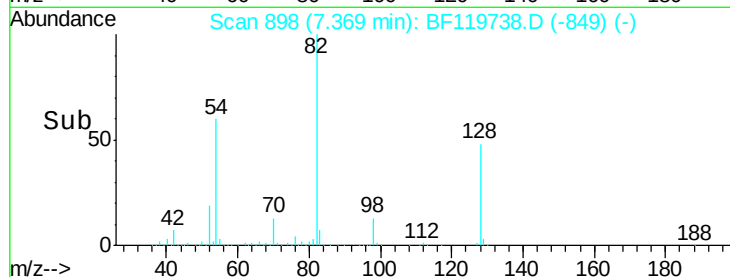
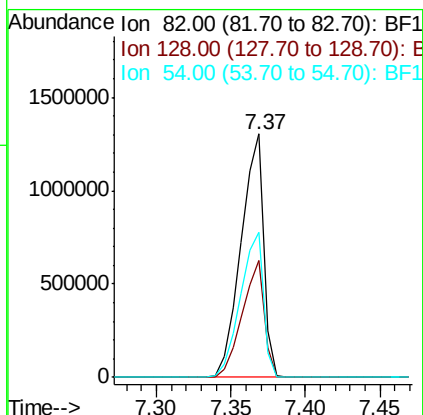
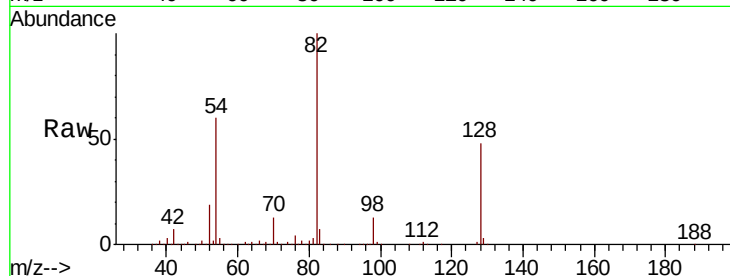




#23
 Nitrobenzene-d5
 Concen: 99.997 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF119738.D
 Acq: 4 Apr 2020 00:49

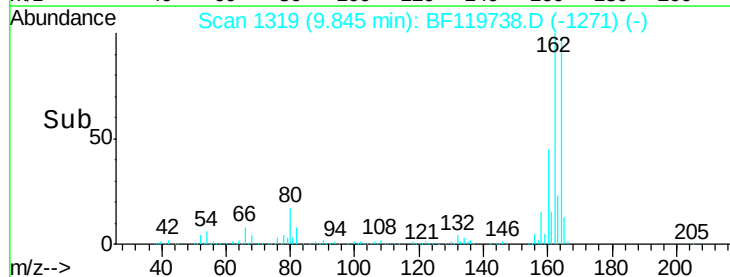
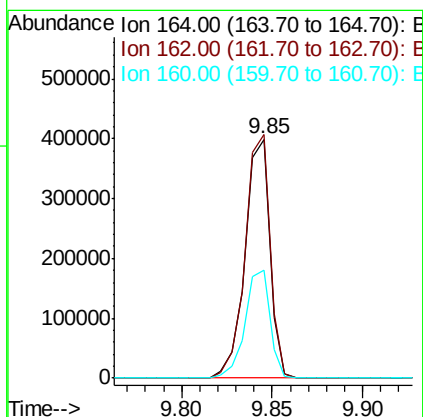
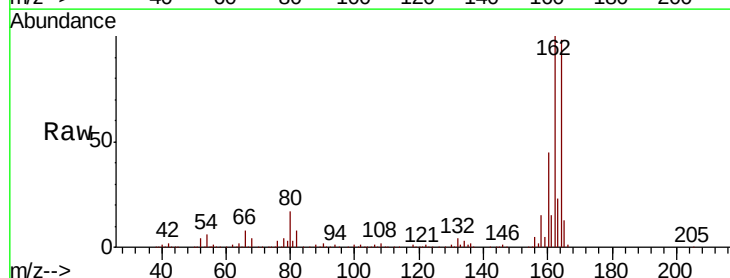
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-040120

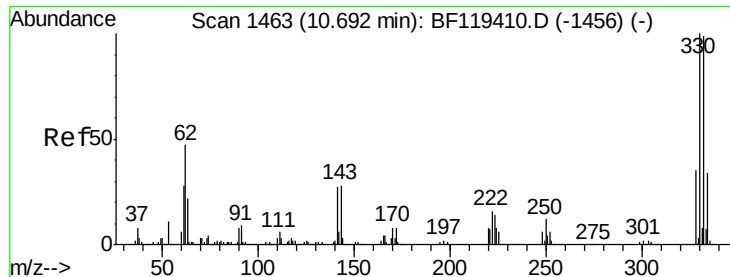
Tot Ion: 82 Resp: 1373696
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.3 54.5
 54 59.6 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF119738.D
 Acq: 4 Apr 2020 00:49

Tgt Ion:164 Resp: 380514
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.6 121.0
 160 45.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 154.449 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

Instrument :

BNA_F

ClientSampleId :

SU-01-040120

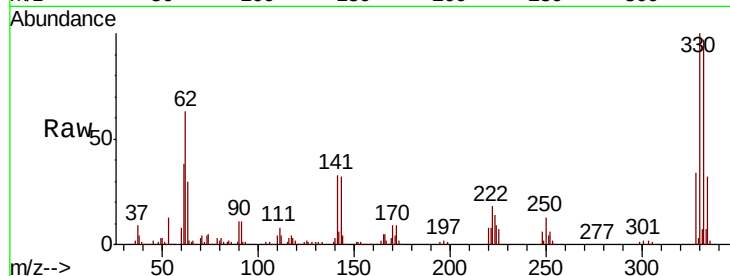
Tot Ion:330 Resp: 606308

Ion Ratio Lower Upper

330 100

332 96.5 75.7 113.5

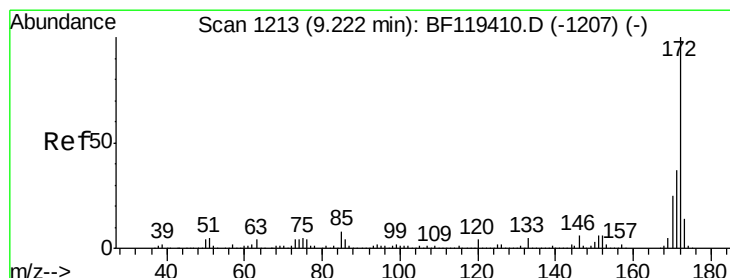
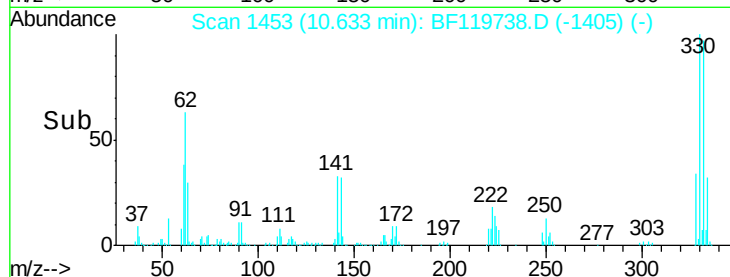
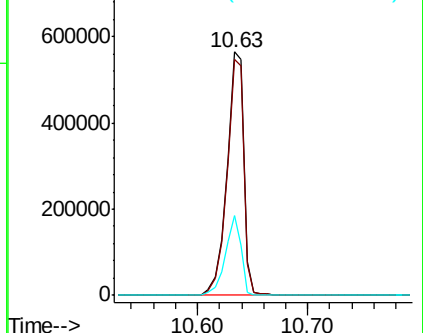
141 30.3 25.4 38.0



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: 93.882 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

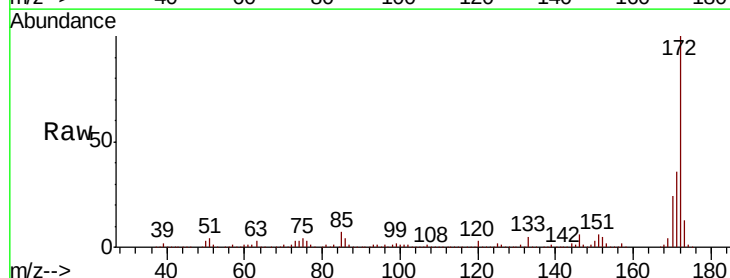
Tgt Ion:172 Resp: 2411346

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

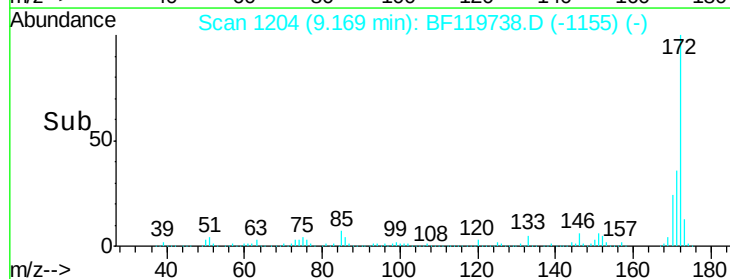
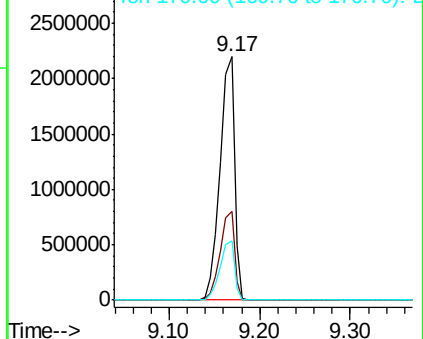
170 24.1 20.2 30.2

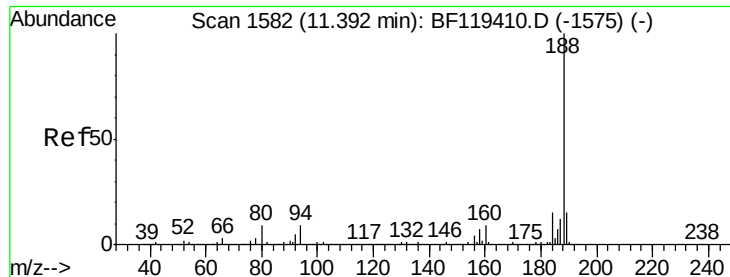


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

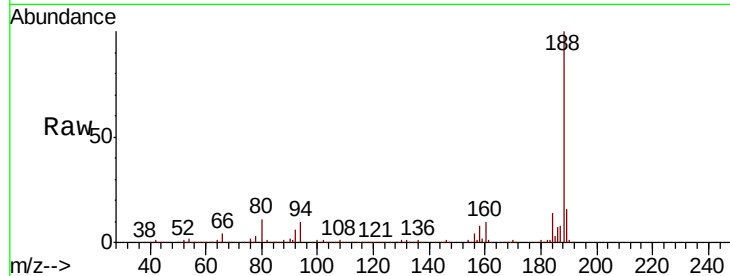




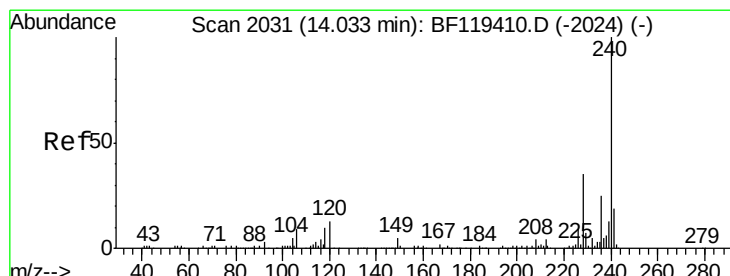
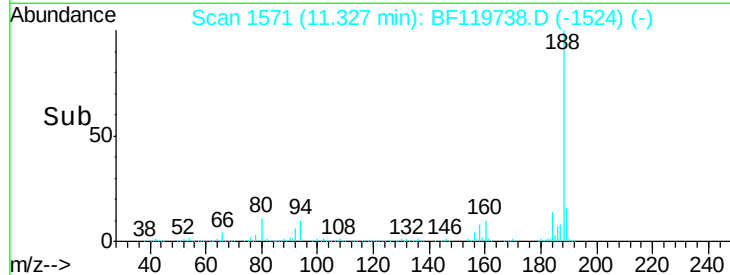
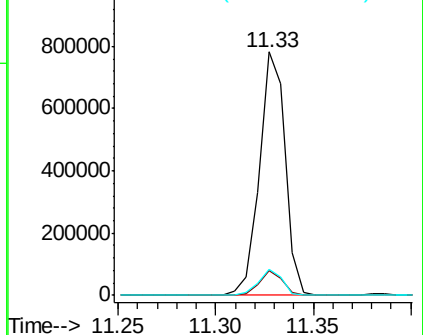
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119738.D
Acq: 4 Apr 2020 00:49

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

Tot Ion:188 Resp: 712727
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 10.8 9.0 13.4

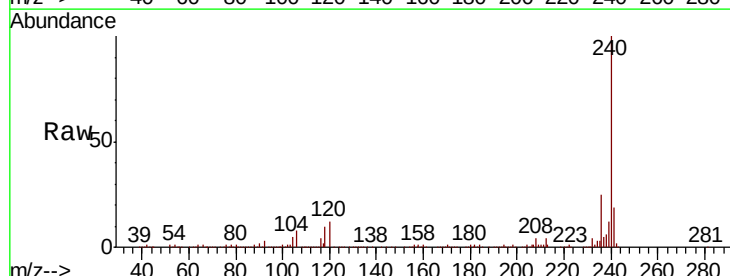


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

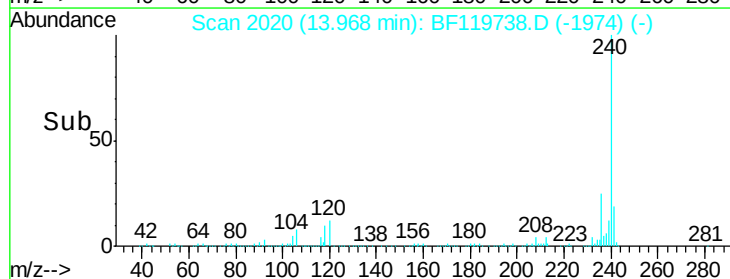
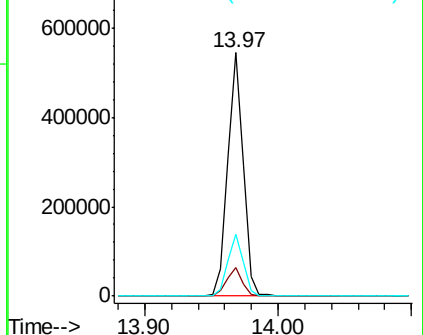


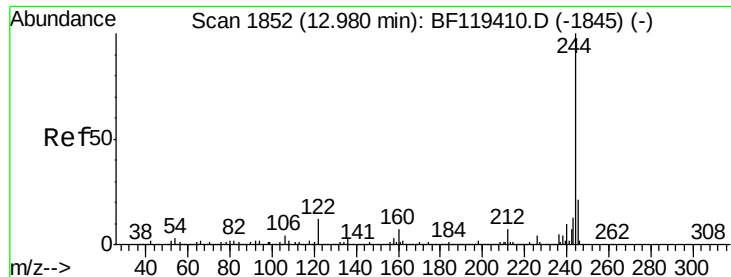
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF119738.D
Acq: 4 Apr 2020 00:49

Tgt Ion:240 Resp: 450989
Ion Ratio Lower Upper
240 100
120 11.7 10.6 15.8
236 25.4 20.2 30.2



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: 112.428 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

Instrument :

BNA_F

ClientSampleId :

SU-01-040120

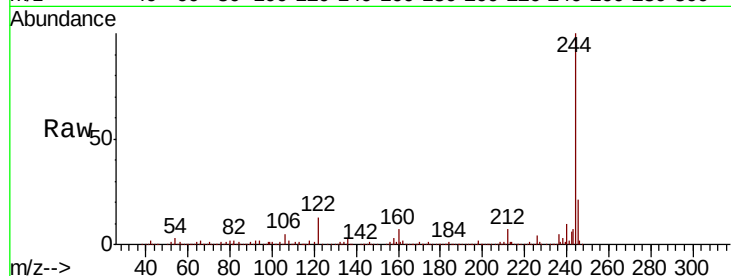
Tot Ion:244 Resp: 2587956

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

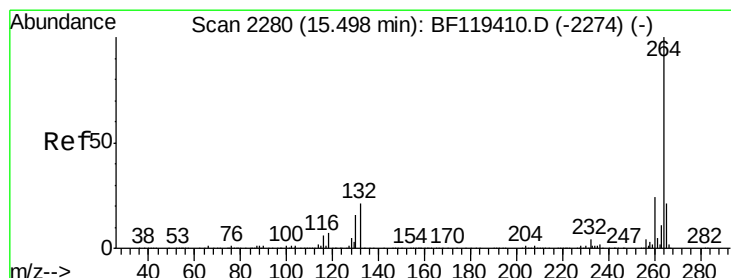
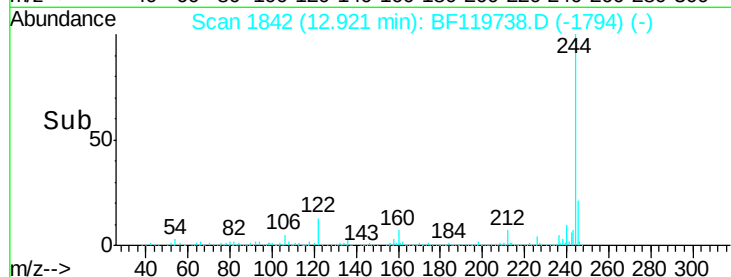
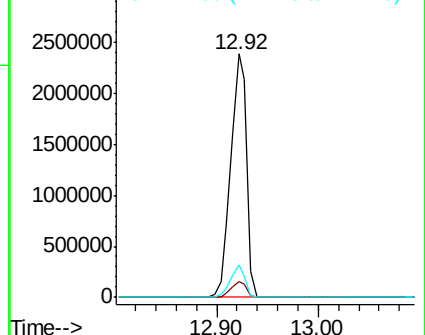
122 13.5 10.3 15.5



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: 15.42 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

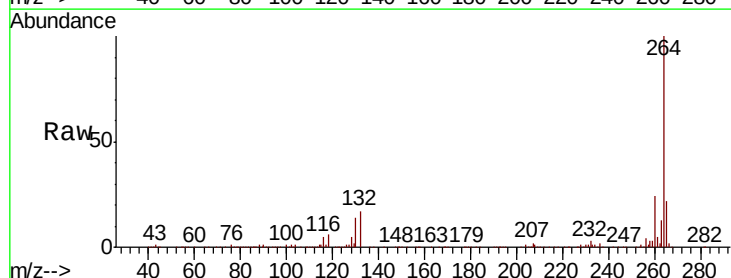
Tgt Ion:264 Resp: 430549

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.2 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

