

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119784.D
 Acq On : 6 Apr 2020 21:43
 Operator : MA/SJ
 Sample : L2129-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Apr 07 01:37:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	173770	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	661388	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	338374	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	654762	20.00	ng	0.00
76) Chrysene-d12	13.95	240	500536	20.00	ng	0.00
87) Perylene-d12	15.40	264	423853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1587400	145.42	ng	0.02
7) Phenol-d6	6.42	99	1852349	132.84	ng	0.00
23) Nitrobenzene-d5	7.35	82	1314644	108.03	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	629574	180.35	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2446149	107.10	ng	0.00
79) Terphenyl-d14	12.91	244	2788432	109.15	ng	0.00

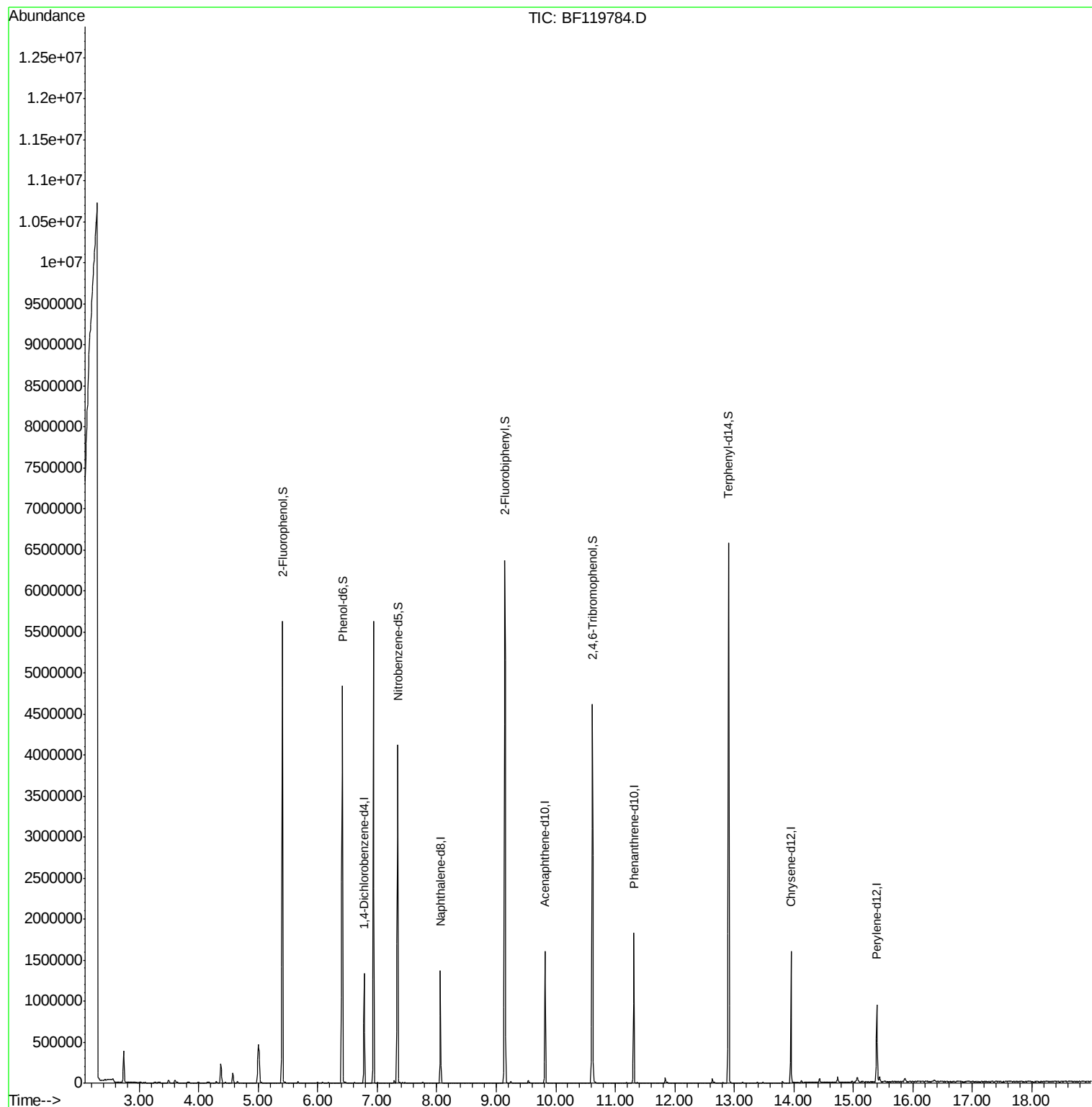
Target Compounds Qvalue

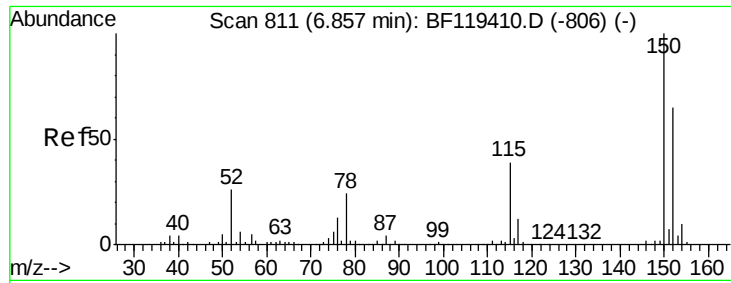
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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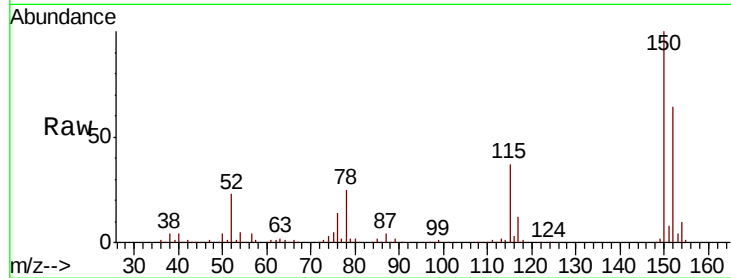


#1

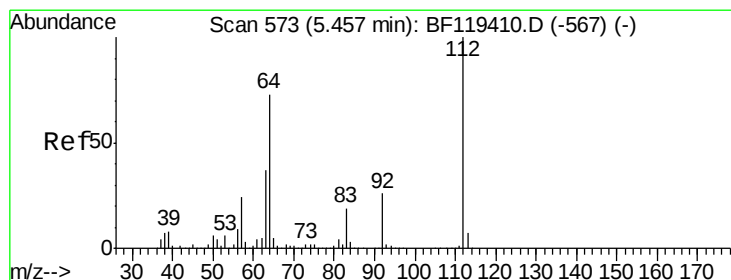
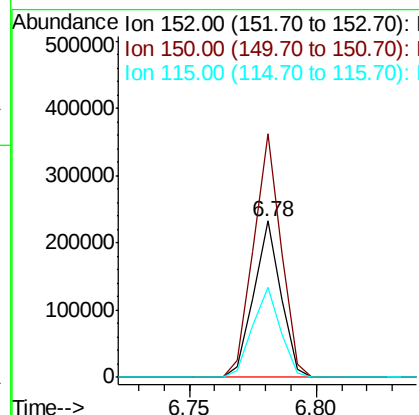
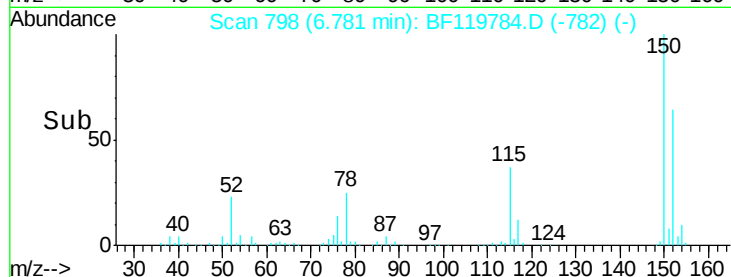
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119784.D
Acq: 6 Apr 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP-8

Tot Ion:152 Resp: 173770
Ion Ratio Lower Upper
152 100
150 155.8 124.5 186.7
115 57.7 49.6 74.4



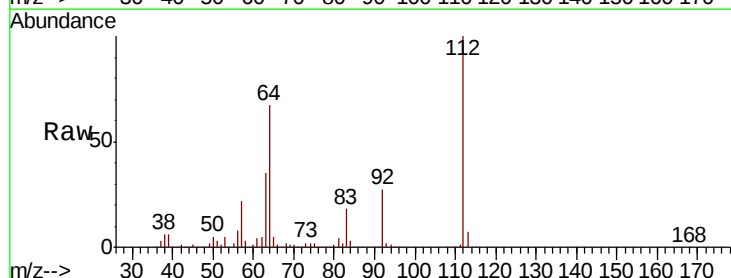
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



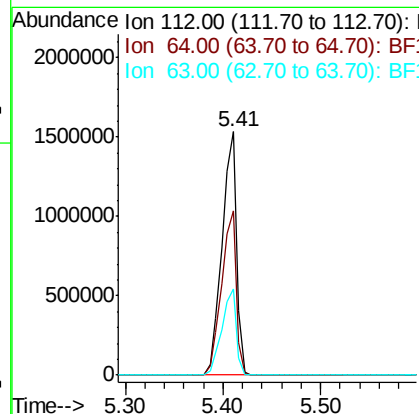
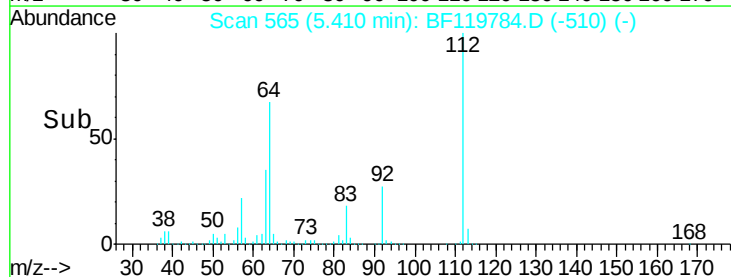
#5

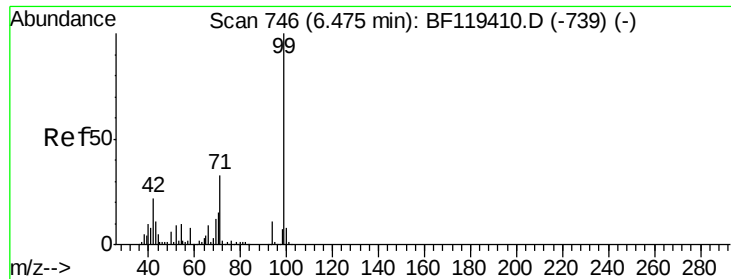
2-Fluorophenol
Concen: 145.422 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF119784.D
Acq: 6 Apr 2020 21:43

Tgt Ion:112 Resp: 1587400
Ion Ratio Lower Upper
112 100
64 67.3 56.7 85.1
63 35.4 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: 132.840 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119784.D

Acq: 6 Apr 2020 21:43

Instrument :

BNA_F

ClientSampleId :

TP-8

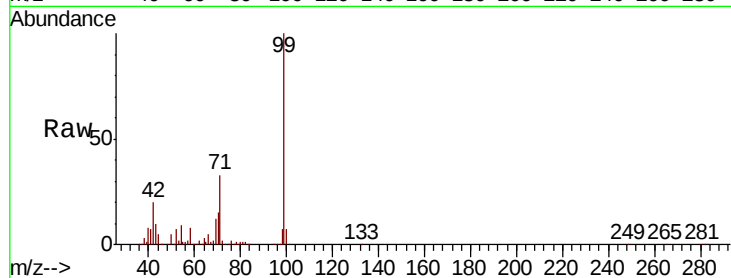
Tot Ion: 99 Resp: 1852349

Ion Ratio Lower Upper

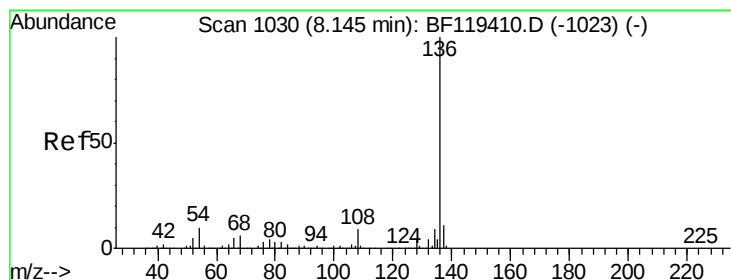
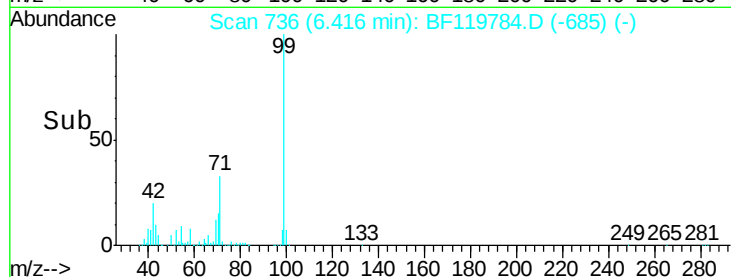
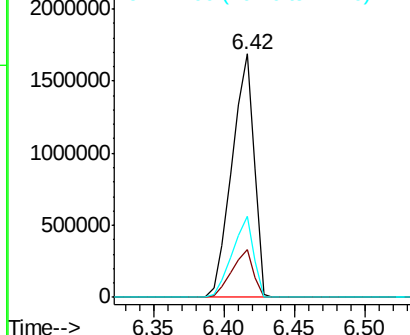
99 100

42 19.7 16.6 24.8

71 33.3 26.4 39.6



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: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF119784.D

Acq: 6 Apr 2020 21:43

Tgt Ion: 136 Resp: 661388

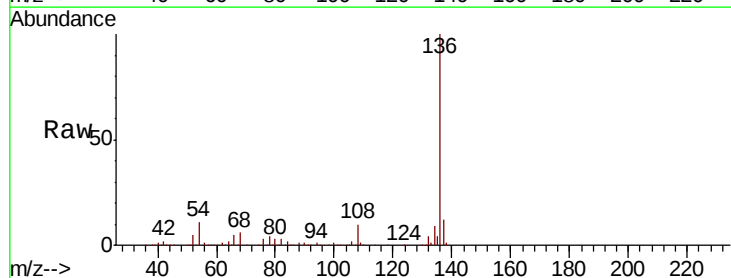
Ion Ratio Lower Upper

136 100

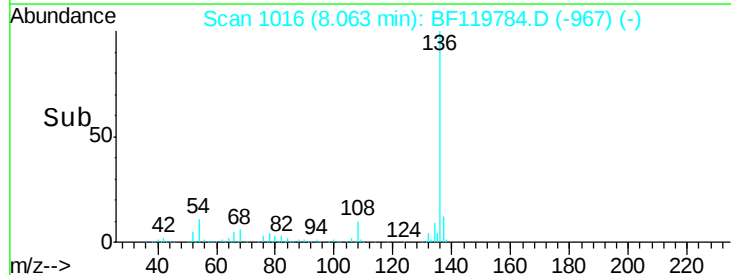
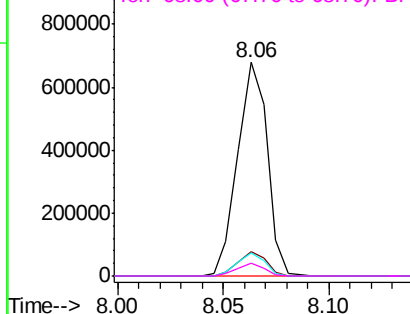
137 11.6 8.7 13.1

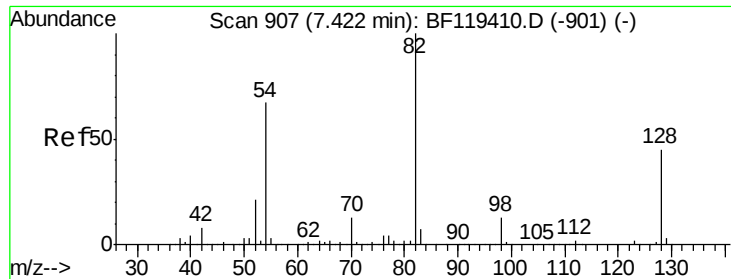
54 10.6 9.1 13.7

68 5.9 4.6 6.8



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

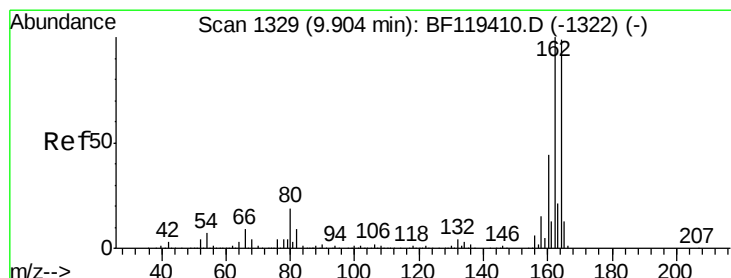
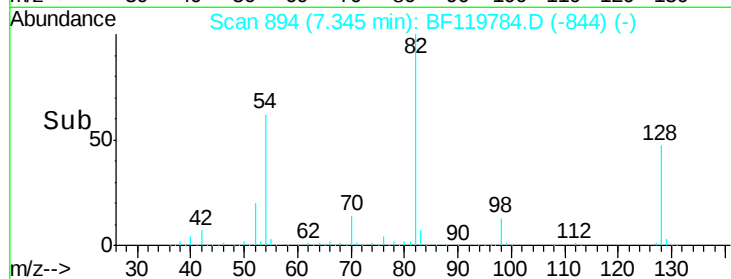
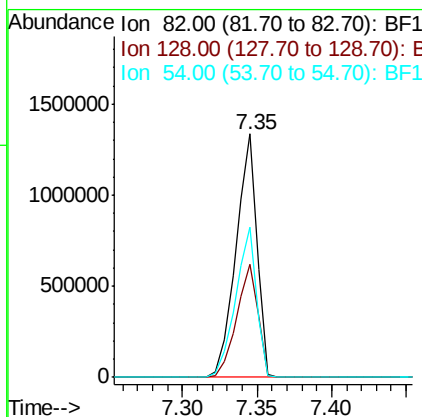
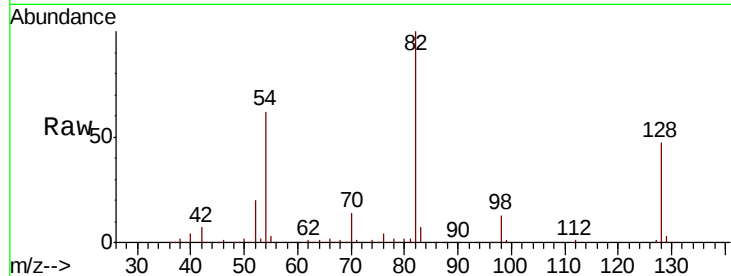




#23
Nitrobenzene-d5
Concen: 108.028 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119784.D
Acq: 6 Apr 2020 21:43

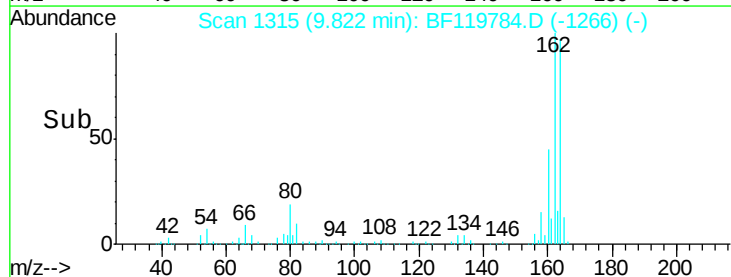
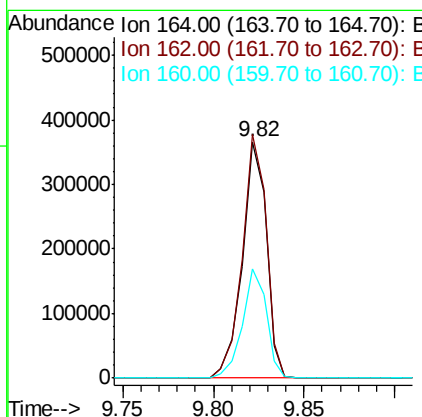
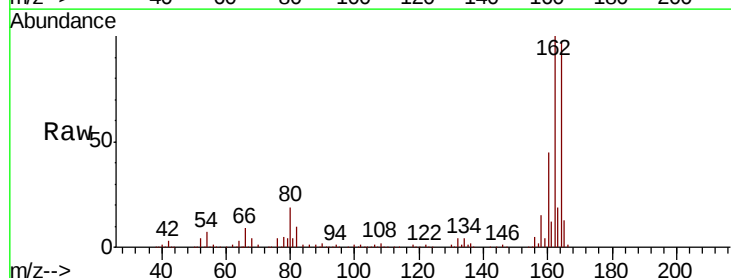
Instrument :
BNA_F
ClientSampled :
TP-8

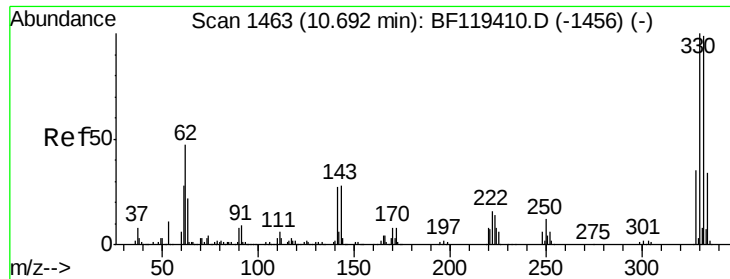
Tot Ion: 82 Resp: 1314644
Ion Ratio Lower Upper
82 100
128 46.5 36.3 54.5
54 61.5 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF119784.D
Acq: 6 Apr 2020 21:43

Tgt Ion:164 Resp: 338374
Ion Ratio Lower Upper
164 100
162 103.1 80.6 121.0
160 46.4 35.7 53.5

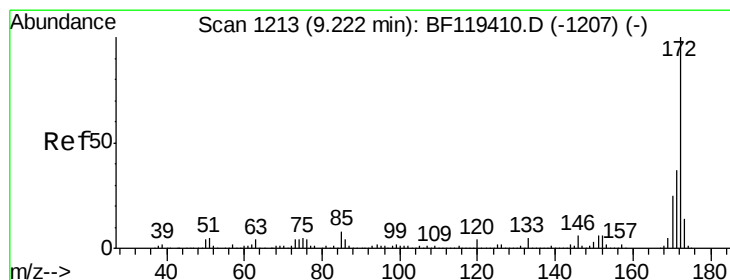
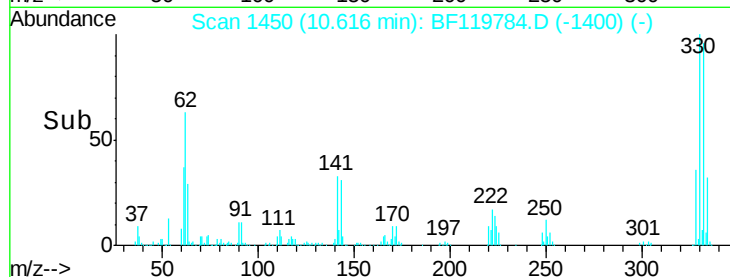
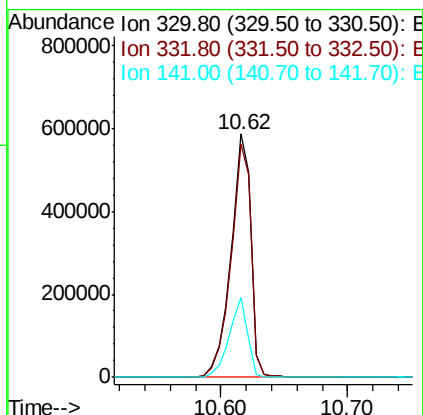
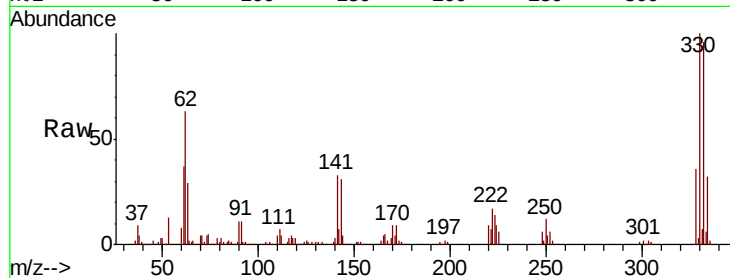




#42
 2,4,6-Tribromophenol
 Concen: 180.348 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119784.D
 Acq: 6 Apr 2020 21:43

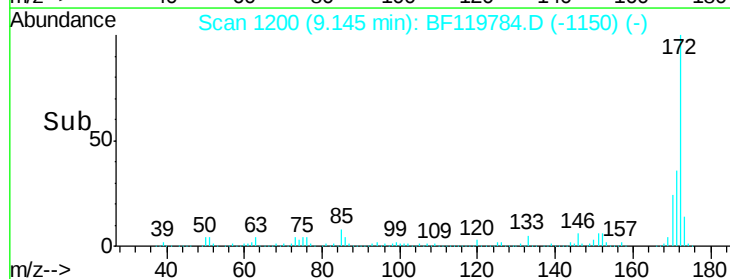
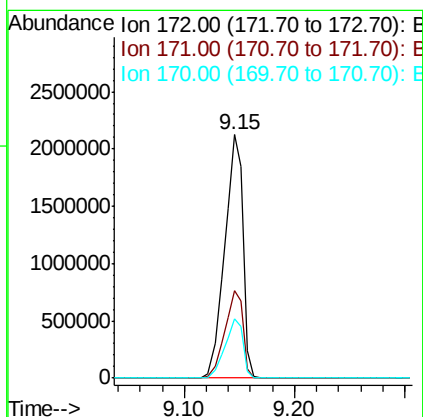
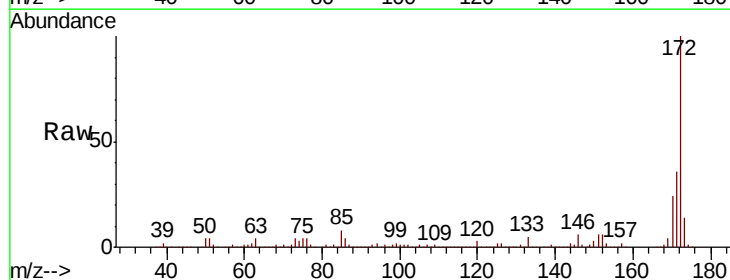
Instrument :
 BNA_F
 ClientSampleId :
 TP-8

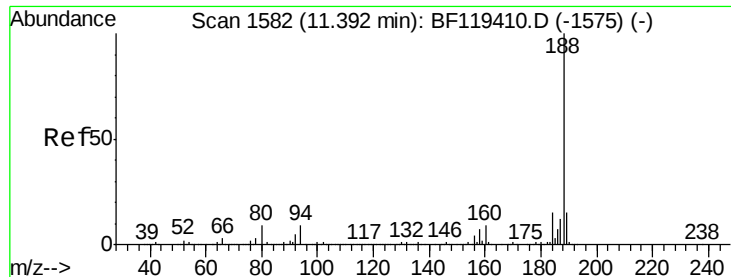
Tot Ion:330 Resp: 629574
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5
 141 30.4 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 107.098 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119784.D
 Acq: 6 Apr 2020 21:43

Tgt Ion:172 Resp: 2446149
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.3 20.2 30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF119784.D

Acq: 6 Apr 2020 21:43

Instrument :

BNA_F

ClientSampled :

TP-8

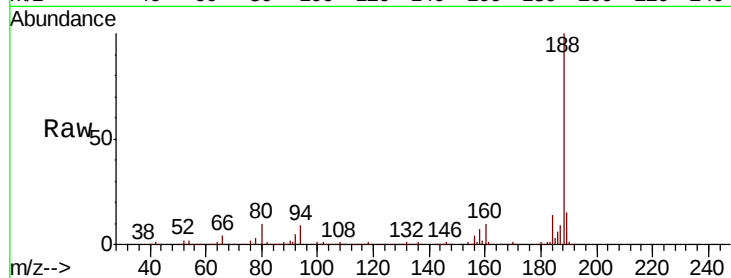
Tot Ion:188 Resp: 654762

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

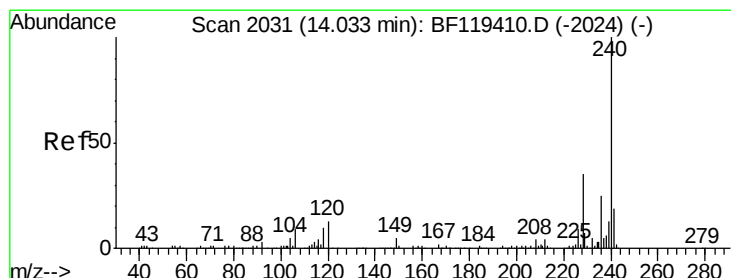
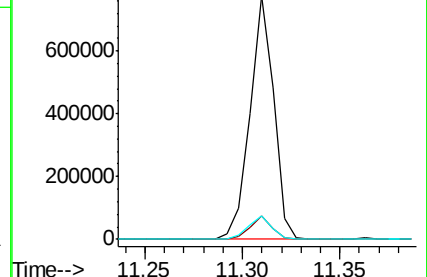
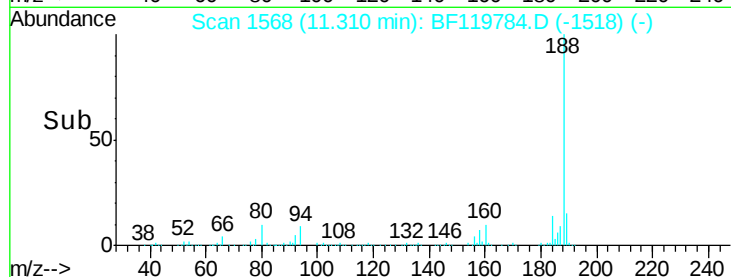
80 9.6 9.0 13.4



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: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF119784.D

Acq: 6 Apr 2020 21:43

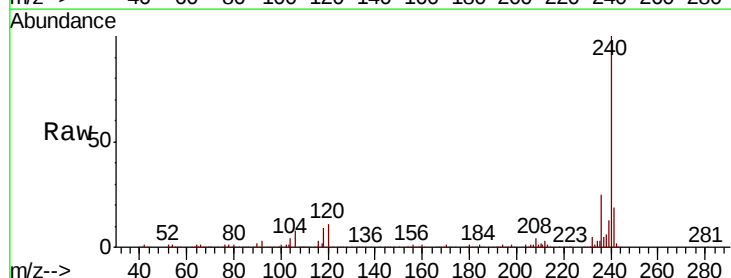
Tgt Ion:240 Resp: 500536

Ion Ratio Lower Upper

240 100

120 11.2 10.6 15.8

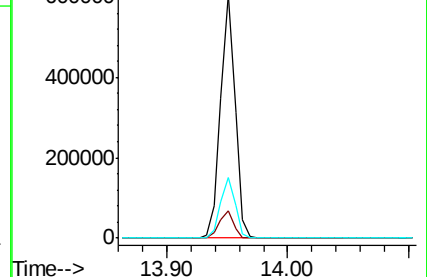
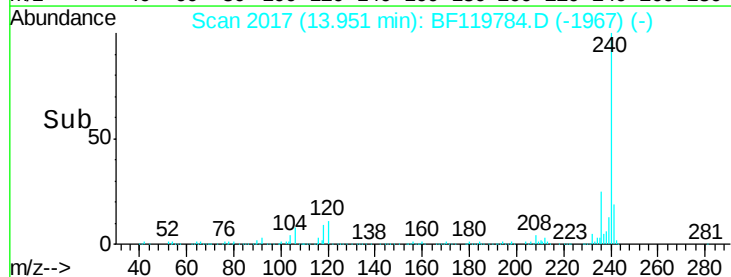
236 25.0 20.2 30.2

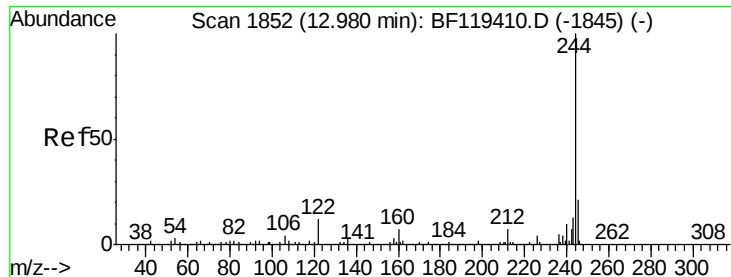


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 109.146 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF119784.D

Acq: 6 Apr 2020 21:43

Instrument :

BNA_F

ClientSampleId :

TP-8

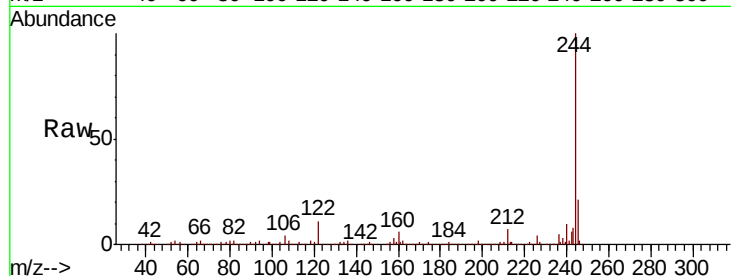
Tot Ion:244 Resp: 2788432

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

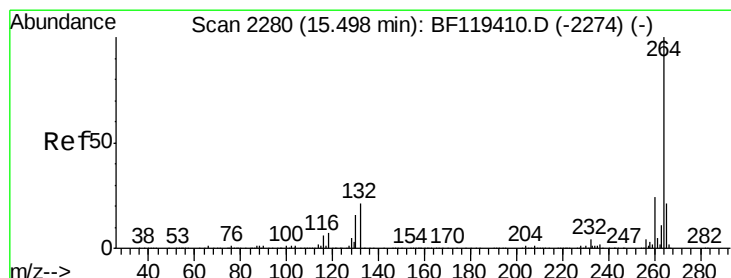
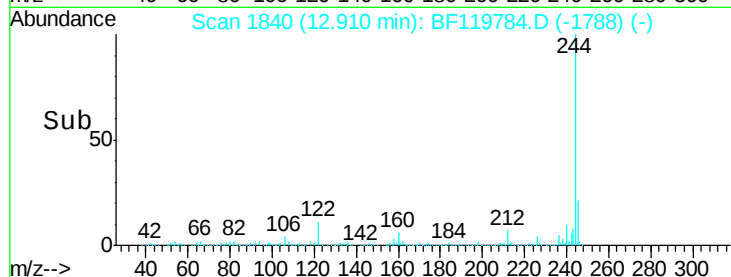
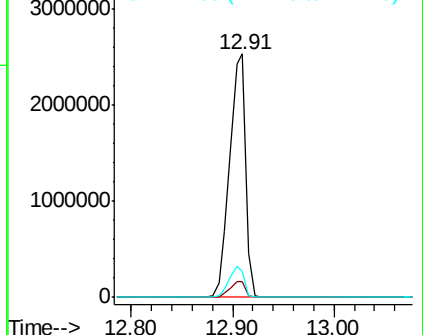
122 10.8 10.3 15.5



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: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF119784.D

Acq: 6 Apr 2020 21:43

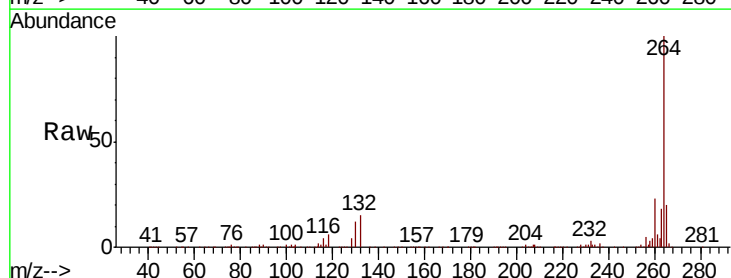
Tgt Ion:264 Resp: 423853

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

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

