

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119787.D
 Acq On : 6 Apr 2020 23:04
 Operator : MA/SJ
 Sample : L2129-24
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Apr 07 01:48:15 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	177181	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	660245	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	338944	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	652778	20.00	ng	0.00
76) Chrysene-d12	13.95	240	487838	20.00	ng	0.00
87) Perylene-d12	15.39	264	460743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1528861	137.36	ng	0.02
7) Phenol-d6	6.42	99	1718277	120.85	ng	0.00
23) Nitrobenzene-d5	7.35	82	1308908	107.74	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	609351	174.26	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2357825	103.06	ng	0.00
79) Terphenyl-d14	12.91	244	2672514	107.33	ng	0.00

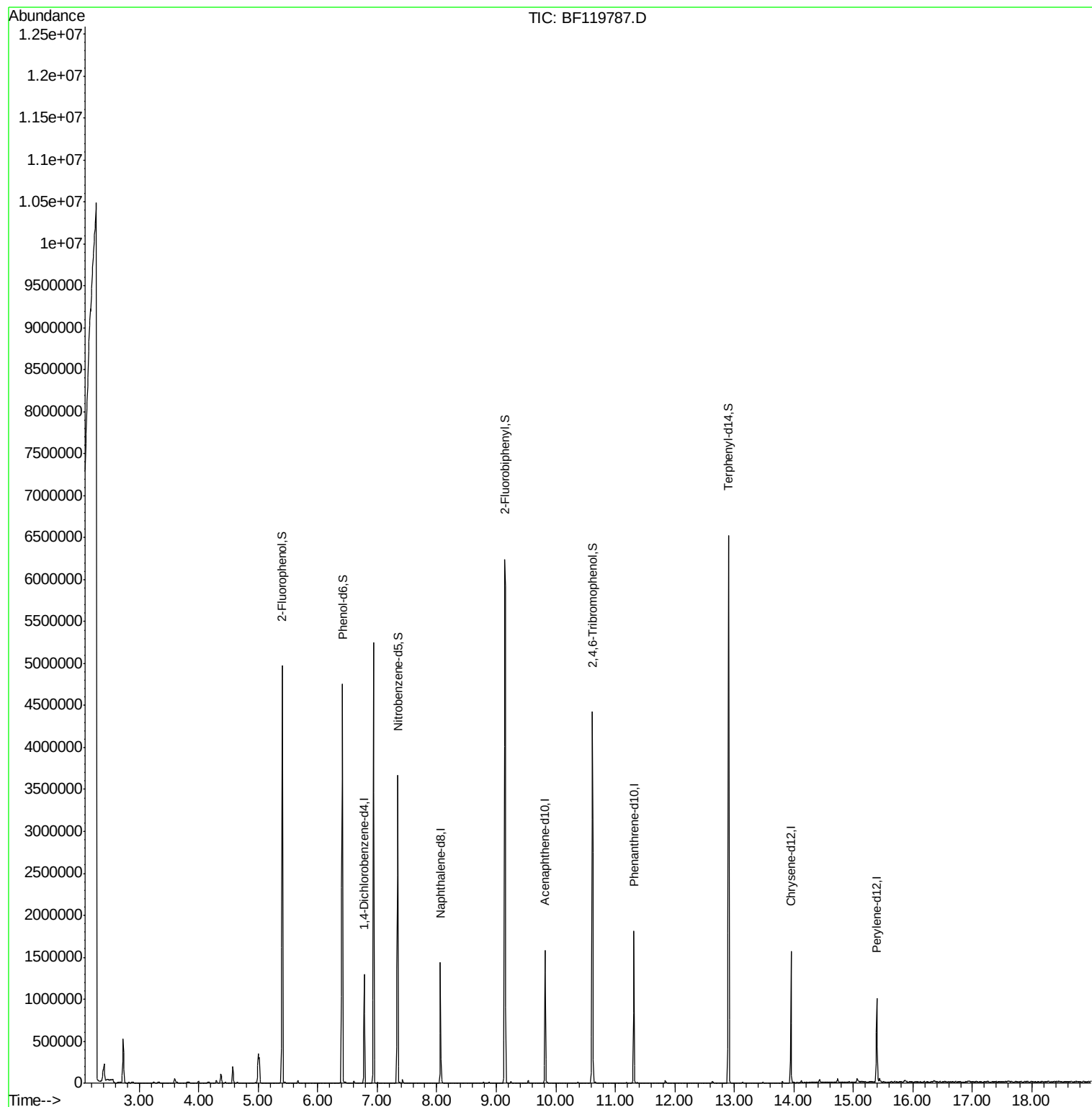
Target Compounds Qvalue

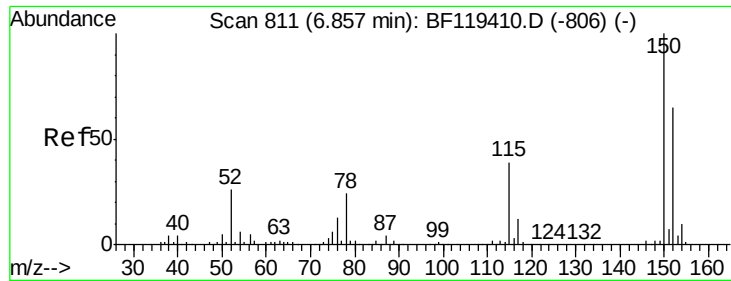
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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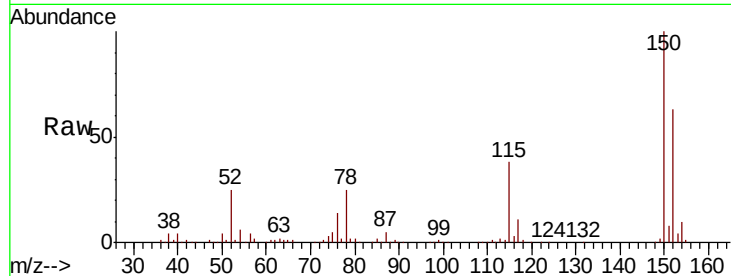


#1

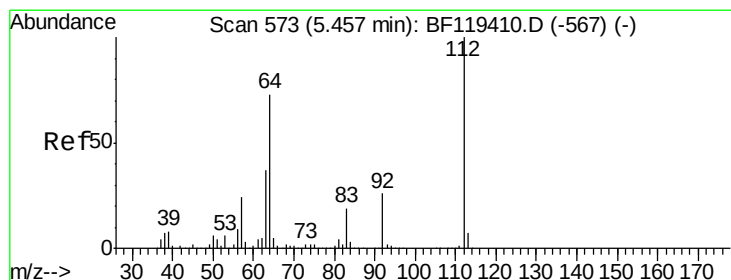
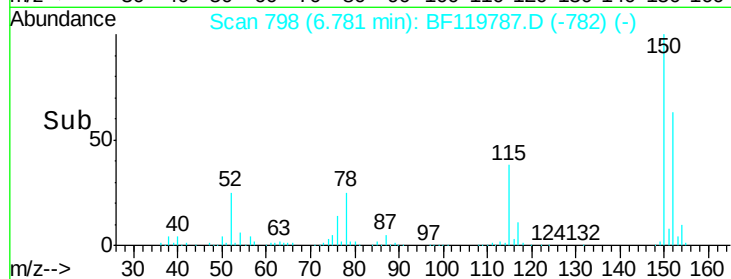
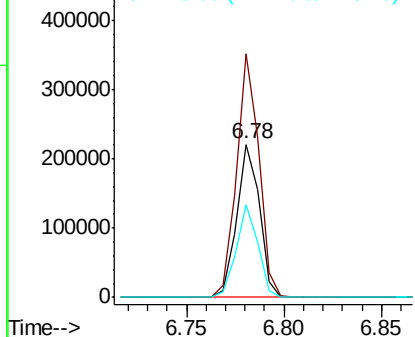
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119787.D
Acq: 6 Apr 2020 23:04

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion:152 Resp: 177181
Ion Ratio Lower Upper
152 100
150 159.1 124.5 186.7
115 60.3 49.6 74.4



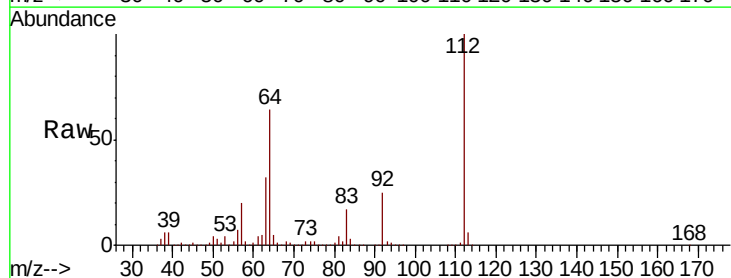
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



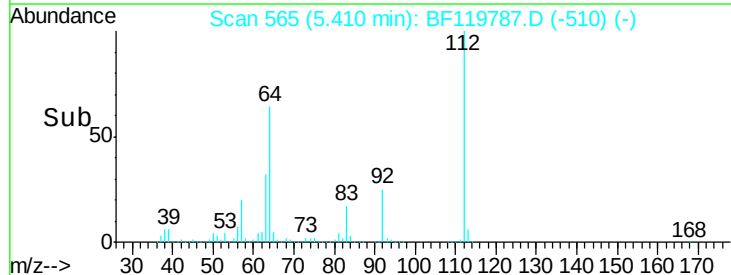
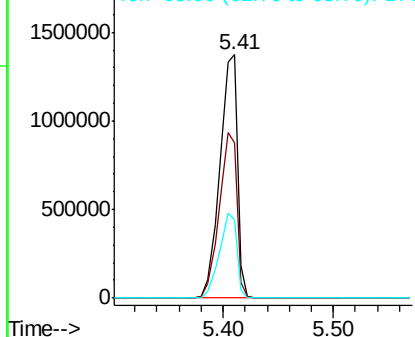
#5

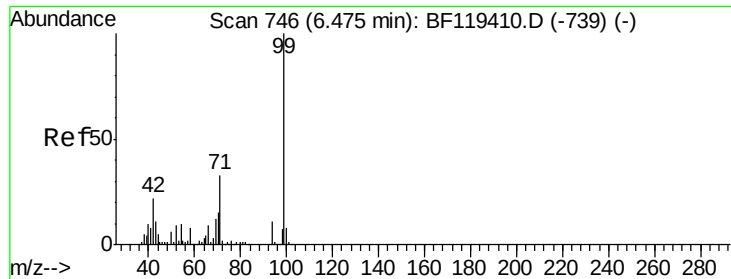
2-Fluorophenol
Concen: 137.362 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF119787.D
Acq: 6 Apr 2020 23:04

Tgt Ion:112 Resp: 1528861
Ion Ratio Lower Upper
112 100
64 63.8 56.7 85.1
63 32.4 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: 120.853 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119787.D

Acq: 6 Apr 2020 23:04

Instrument :

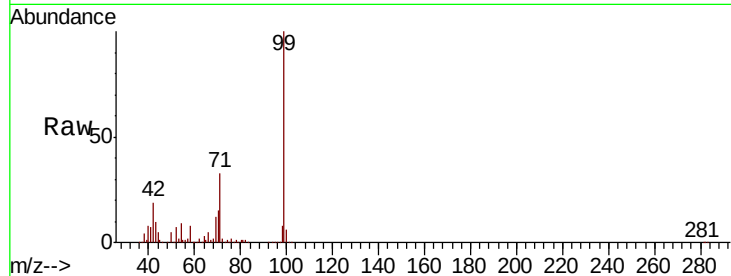
BNA_F

ClientSampleId :

TP-1

Tot Ion: 99 Resp: 1718277

Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.6	24.8
71	33.2	26.4	39.6

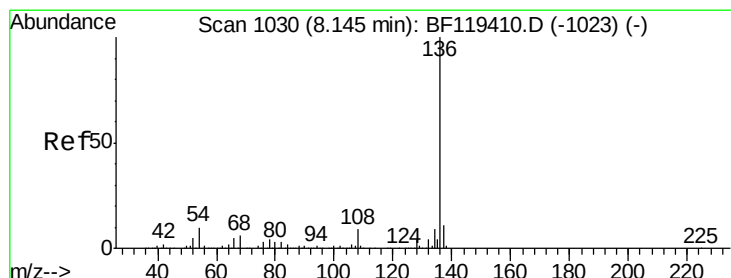
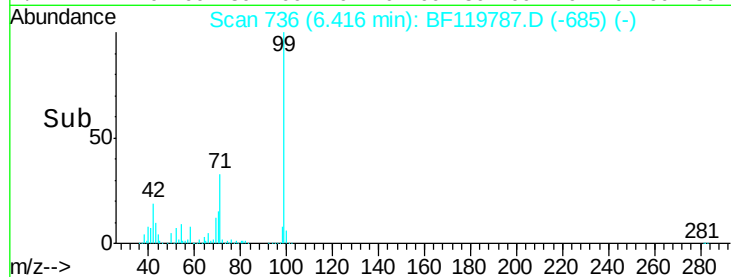
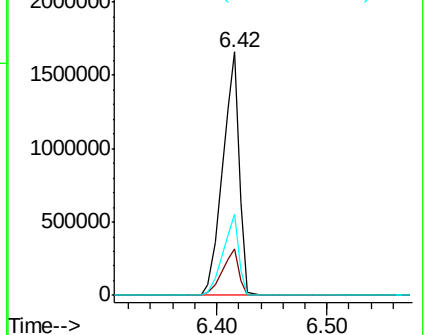


Abundance

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

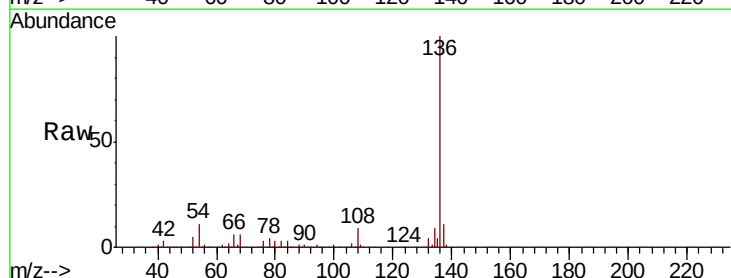
Delta R.T. -0.01 min

Lab File: BF119787.D

Acq: 6 Apr 2020 23:04

Tgt Ion: 136 Resp: 660245

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.6	9.1	13.7
68	5.9	4.6	6.8



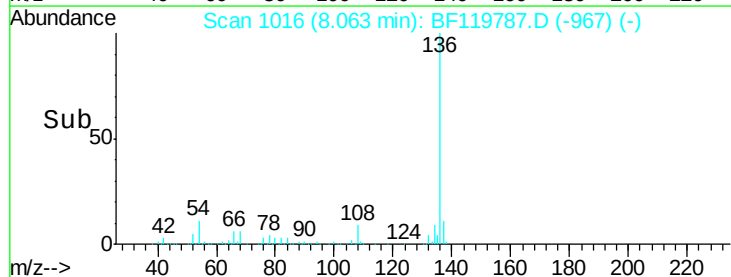
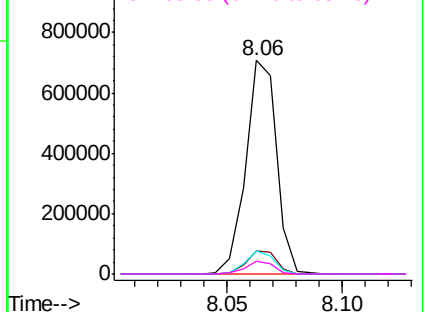
Abundance

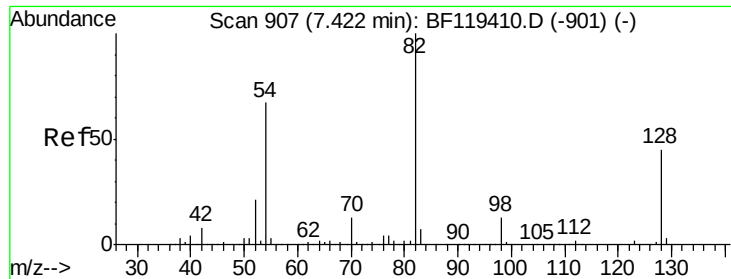
Ion 136.00 (135.70 to 136.70): E

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

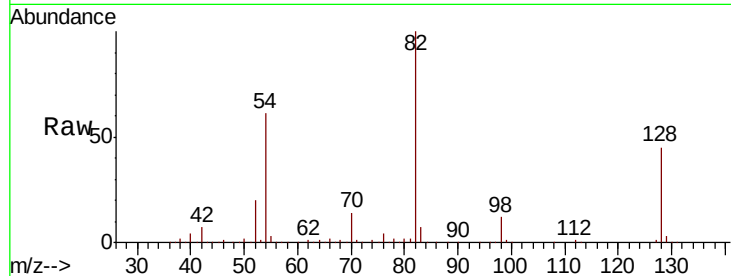




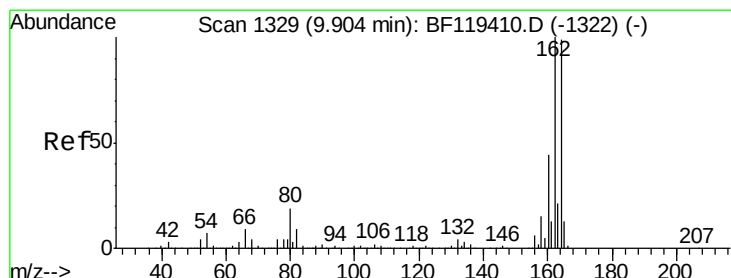
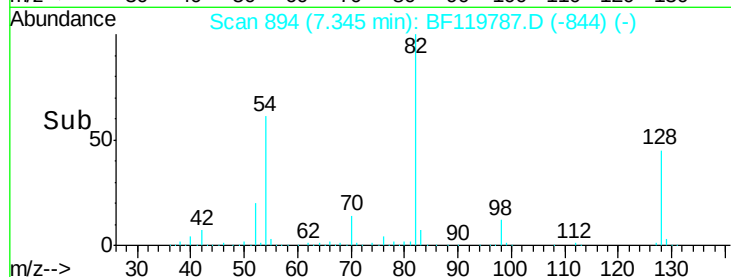
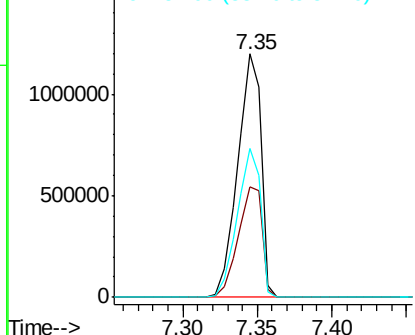
#23
Nitrobenzene-d5
Concen: 107.742 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119787.D
Acq: 6 Apr 2020 23:04

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion: 82 Resp: 1308908
Ion Ratio Lower Upper
82 100
128 45.4 36.3 54.5
54 61.2 50.6 75.8

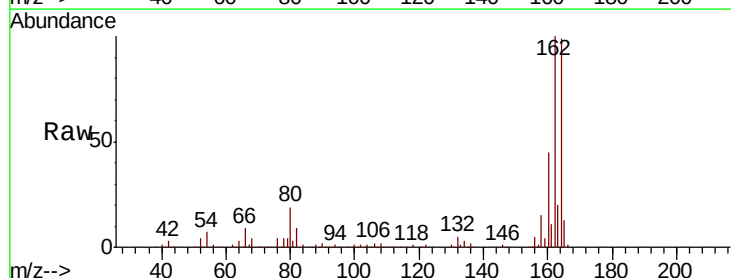


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

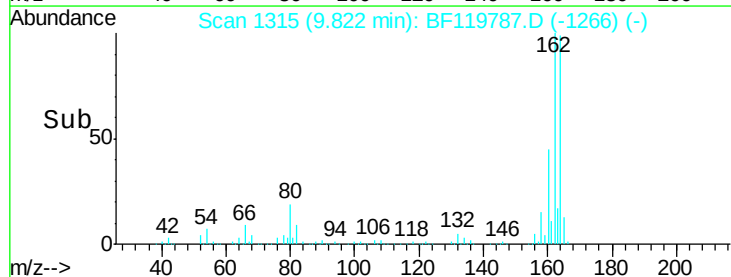
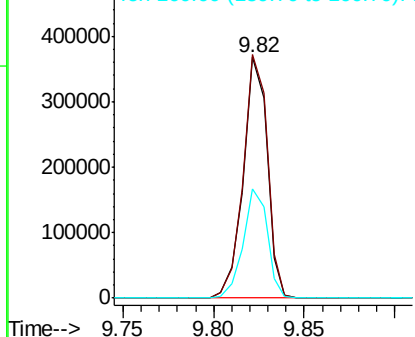


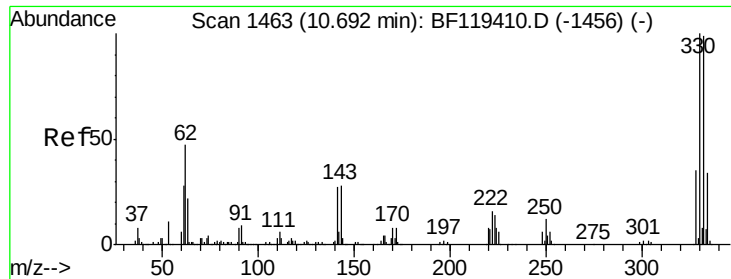
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF119787.D
Acq: 6 Apr 2020 23:04

Tgt Ion:164 Resp: 338944
Ion Ratio Lower Upper
164 100
162 101.1 80.6 121.0
160 45.2 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 174.261 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF119787.D

Acq: 6 Apr 2020 23:04

Instrument :

BNA_F

ClientSampleId :

TP-1

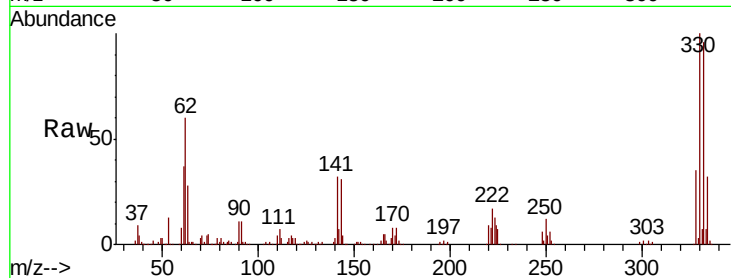
Tot Ion:330 Resp: 609351

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

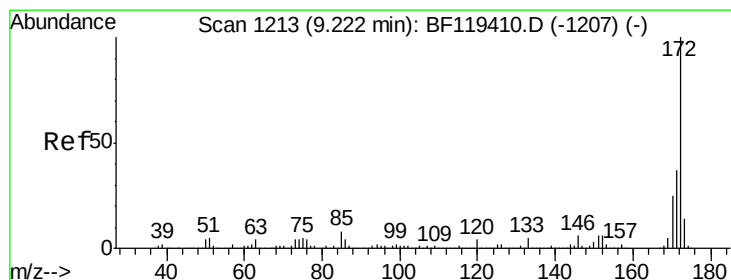
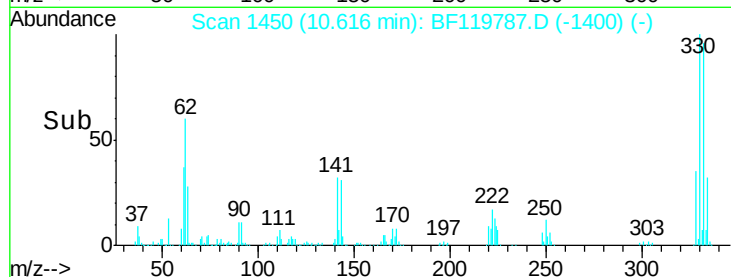
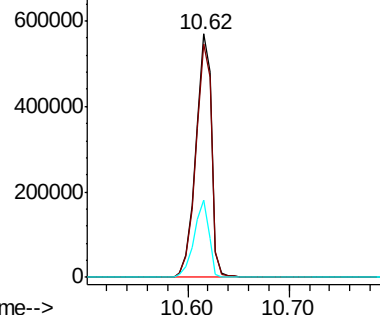
141 30.4 25.4 38.0



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: 103.057 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF119787.D

Acq: 6 Apr 2020 23:04

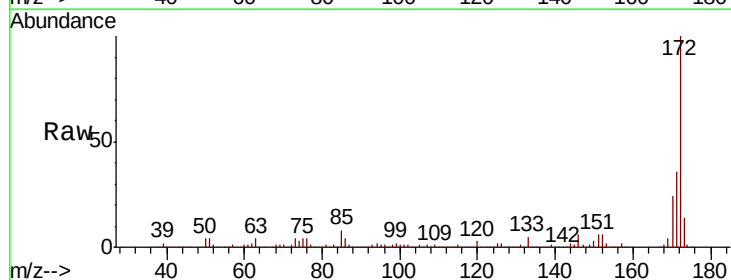
Tgt Ion:172 Resp: 2357825

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

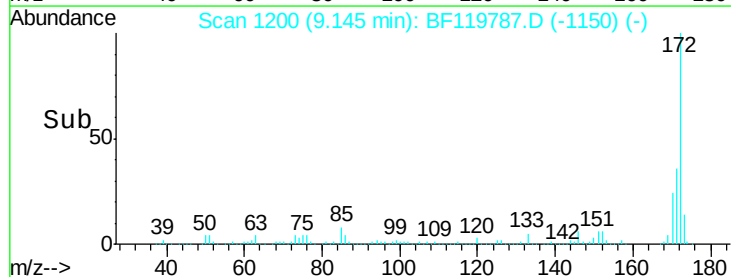
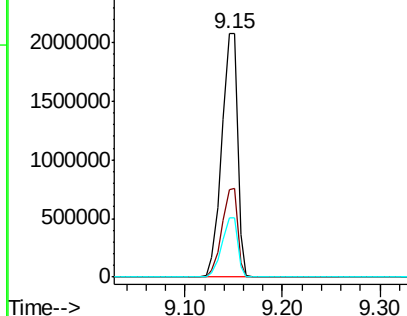
170 24.4 20.2 30.2

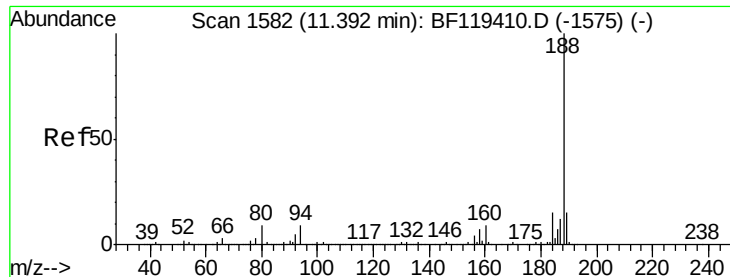


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

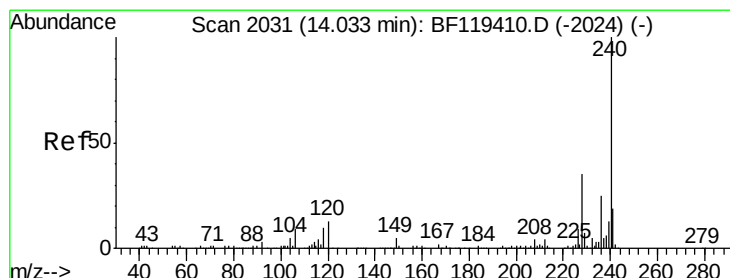
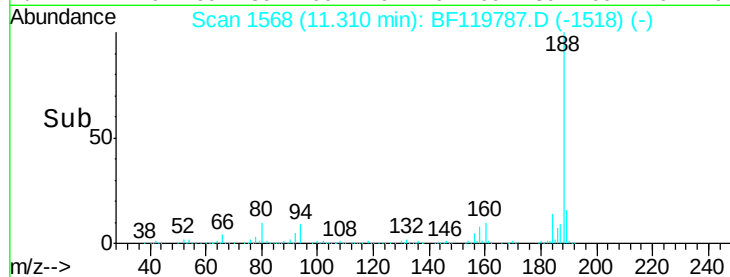
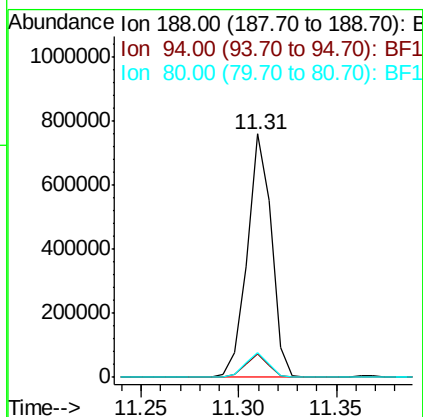
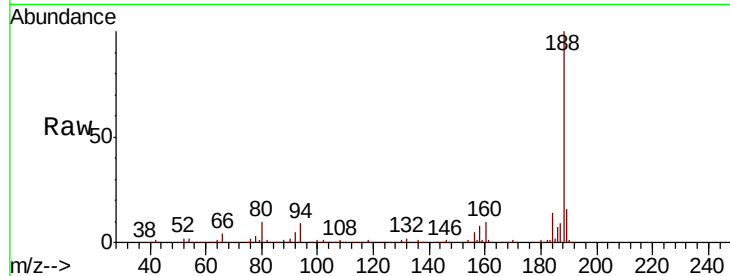




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119787.D
Acq: 6 Apr 2020 23:04

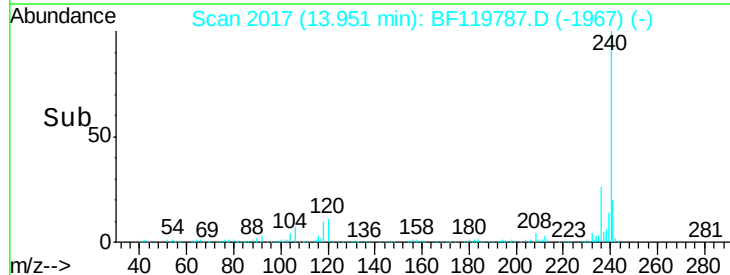
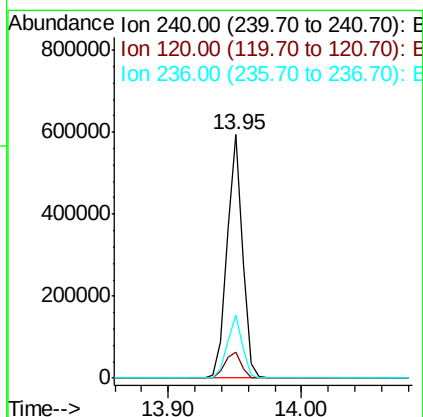
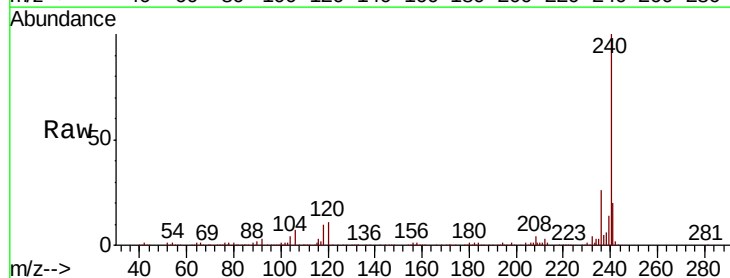
Instrument :
BNA_F
ClientSampled :
TP-1

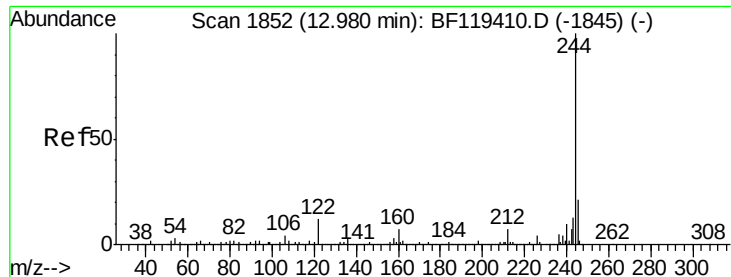
Tot Ion:188 Resp: 652778
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119787.D
Acq: 6 Apr 2020 23:04

Tgt Ion:240 Resp: 487838
Ion Ratio Lower Upper
240 100
120 10.9 10.6 15.8
236 25.8 20.2 30.2





#79

Terphenyl-d14

Concen: 107.331 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF119787.D

Acq: 6 Apr 2020 23:04

Instrument :

BNA_F

ClientSampleId :

TP-1

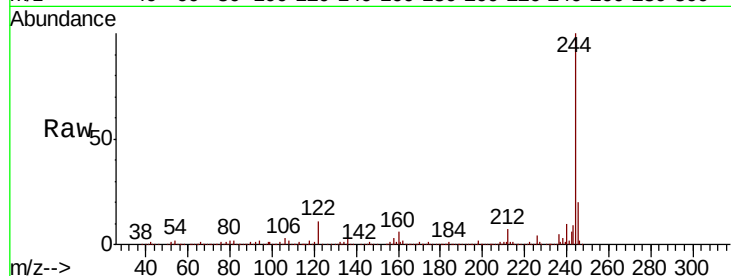
Tot Ion:244 Resp: 2672514

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

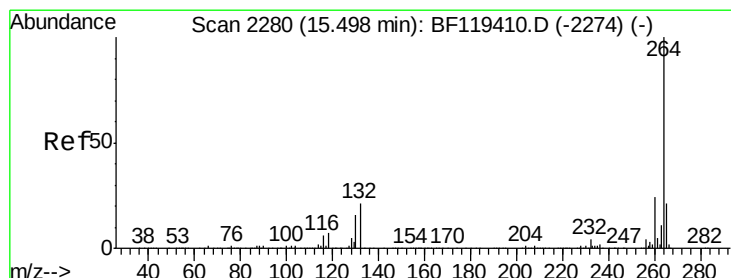
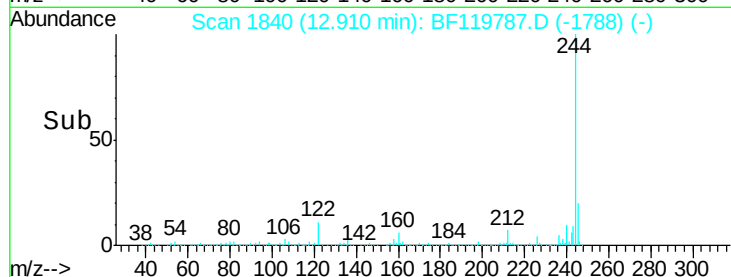
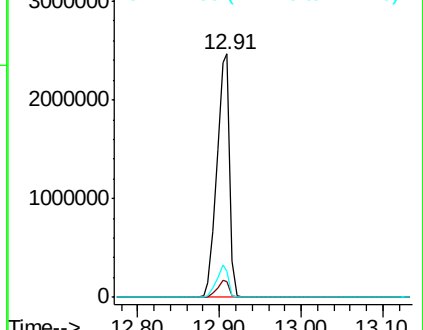
122 10.8 10.3 15.5



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: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF119787.D

Acq: 6 Apr 2020 23:04

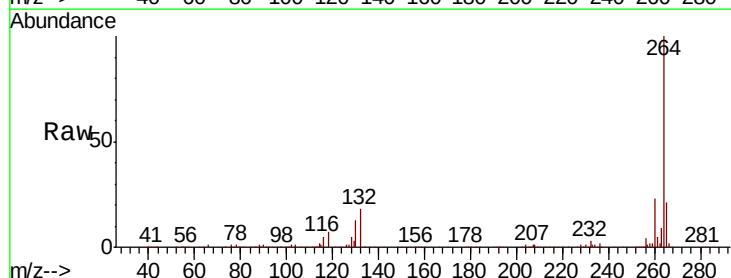
Tgt Ion:264 Resp: 460743

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.3 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

