

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119782.D
 Acq On : 6 Apr 2020 20:49
 Operator : MA/SJ
 Sample : L2146-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-67-66-COMP

Quant Time: Apr 07 01:28:52 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	180803	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	684627	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	305004	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	663948	20.00	ng	0.00
76) Chrysene-d12	13.95	240	440492	20.00	ng	0.00
87) Perylene-d12	15.39	264	154628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1536960	135.32	ng	0.02
7) Phenol-d6	6.42	99	1622017	111.80	ng	0.00
23) Nitrobenzene-d5	7.34	82	1292069	102.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	639698	203.30	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2492817	121.08	ng	0.00
79) Terphenyl-d14	12.91	244	2675343	118.99	ng	0.00

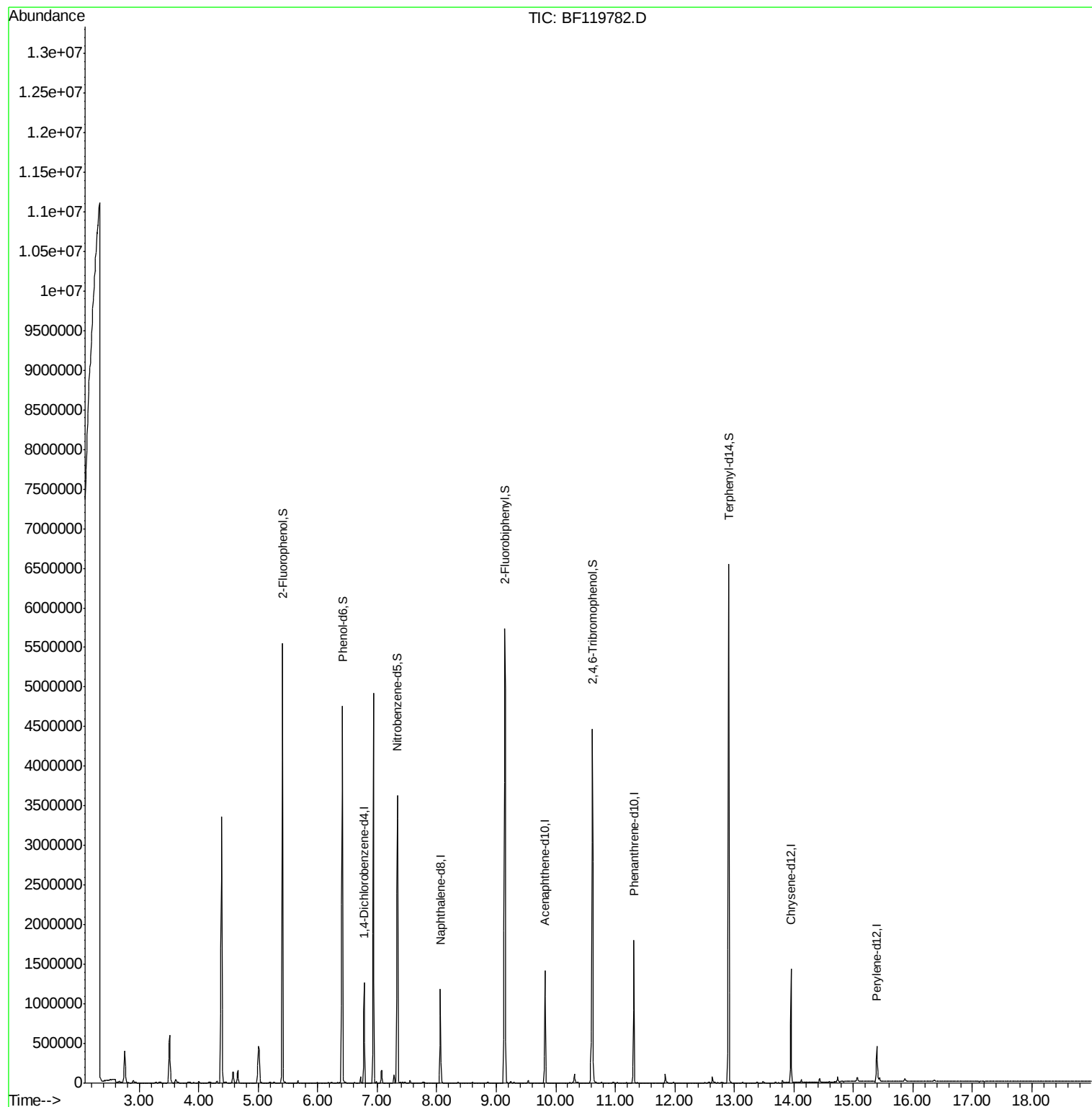
Target Compounds Qvalue

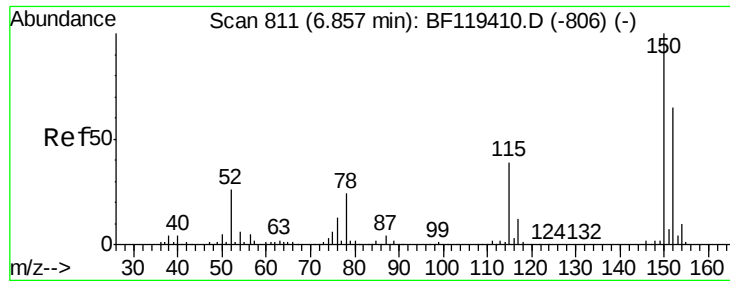
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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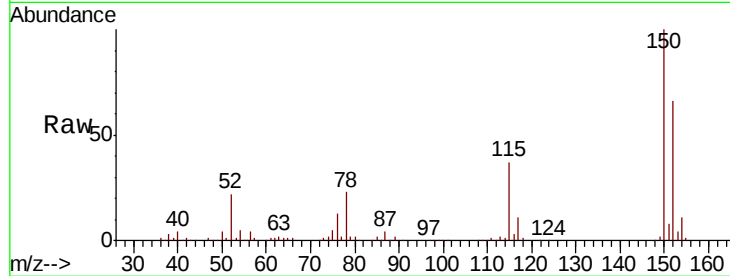


#1

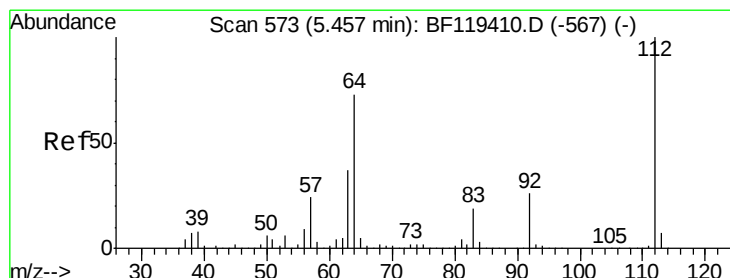
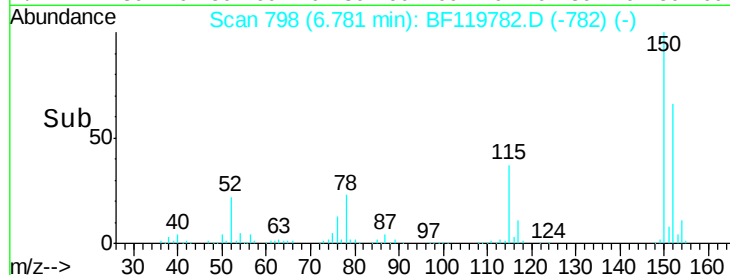
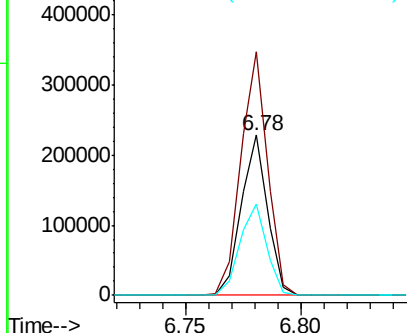
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119782.D
Acq: 6 Apr 2020 20:49

Instrument :
BNA_F
ClientSampleId :
TP-67-66-COMP

Tot Ion:152 Resp: 180803
Ion Ratio Lower Upper
152 100
150 152.1 124.5 186.7
115 56.9 49.6 74.4



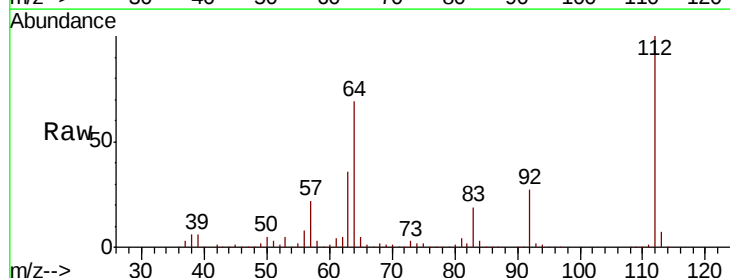
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



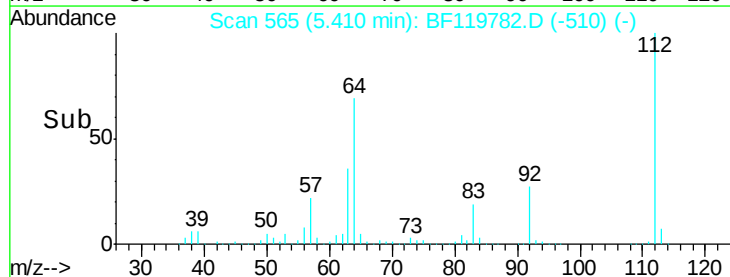
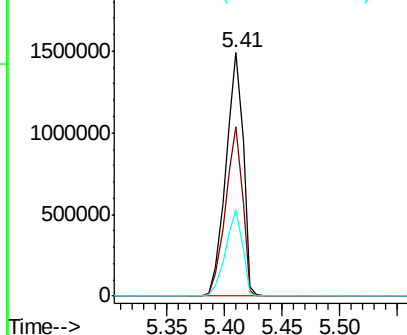
#5

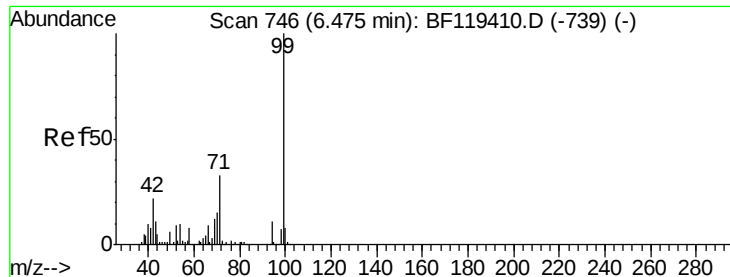
2-Fluorophenol
Concen: 135.324 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF119782.D
Acq: 6 Apr 2020 20:49

Tgt Ion:112 Resp: 1536960
Ion Ratio Lower Upper
112 100
64 69.5 56.7 85.1
63 35.6 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: 111.797 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119782.D

Acq: 6 Apr 2020 20:49

Instrument :

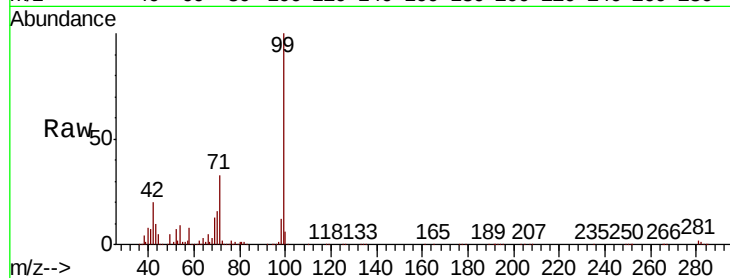
BNA_F

ClientSampleId :

TP-67-66-COMP

Tot Ion: 99 Resp: 1622017

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.6	24.8
71	32.8	26.4	39.6

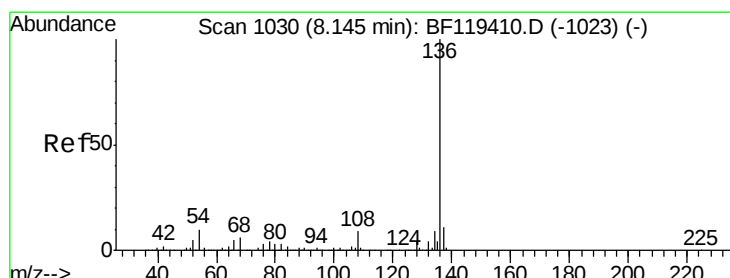
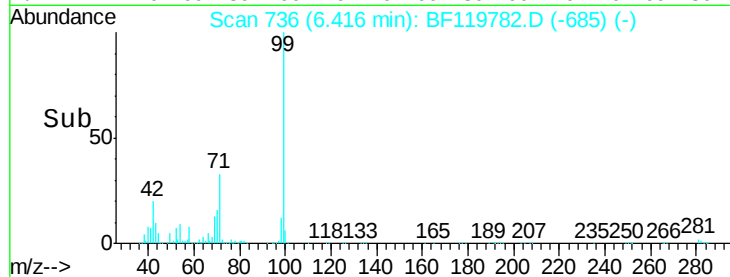


Abundance

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

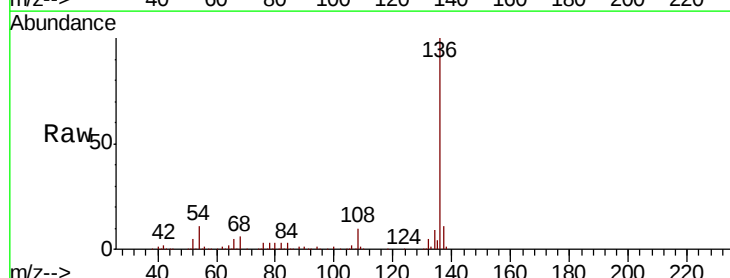
Delta R.T. -0.01 min

Lab File: BF119782.D

Acq: 6 Apr 2020 20:49

Tgt Ion: 136 Resp: 684627

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	10.6	9.1	13.7
68	5.8	4.6	6.8



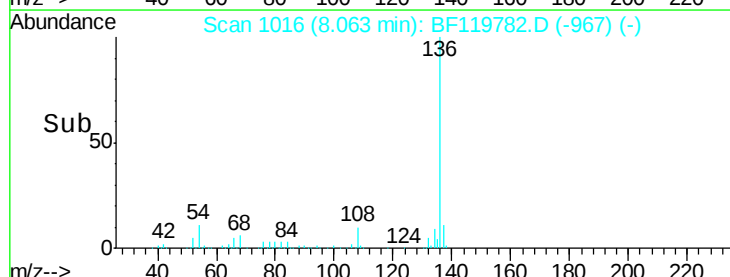
Abundance

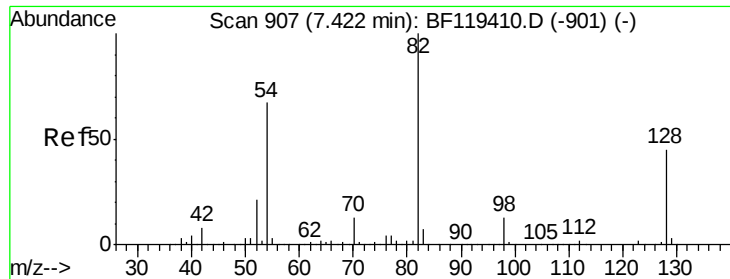
Ion 136.00 (135.70 to 136.70): E

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

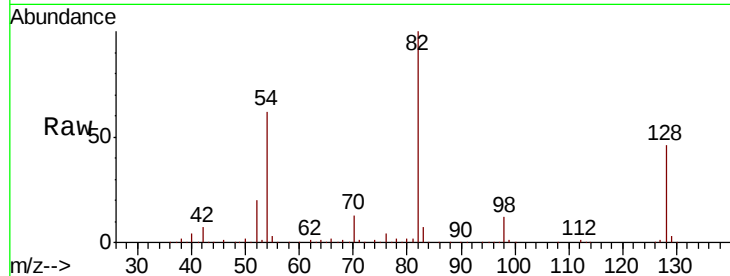




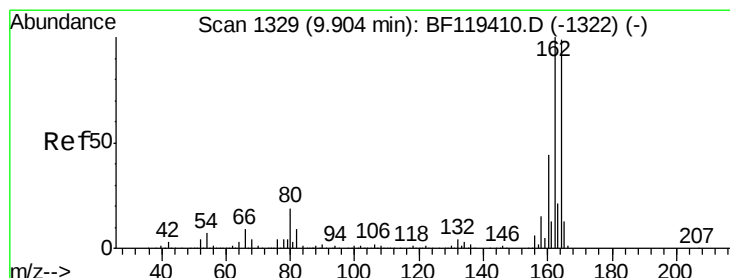
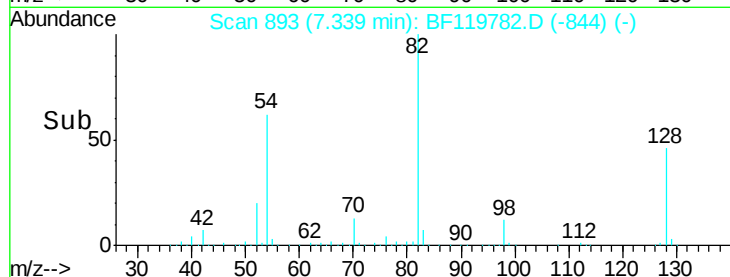
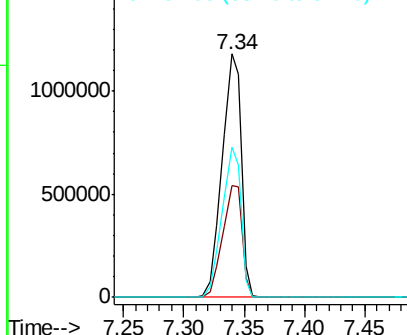
#23
 Nitrobenzene-d5
 Concen: 102.569 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF119782.D
 Acq: 6 Apr 2020 20:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-67-66-COMP

Tot Ion: 82 Resp: 1292069
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.3 54.5
 54 61.6 50.6 75.8

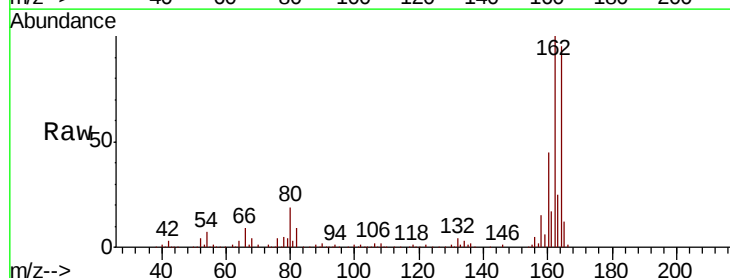


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

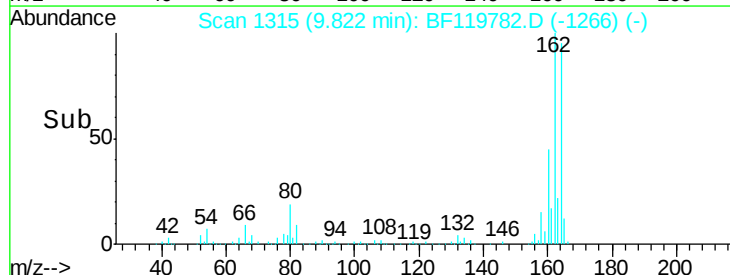
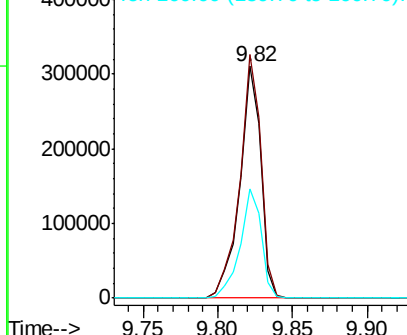


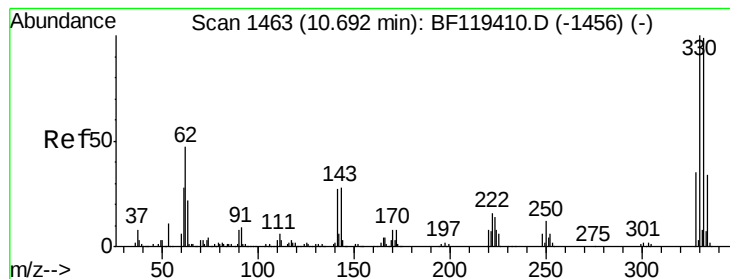
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119782.D
 Acq: 6 Apr 2020 20:49

Tgt Ion:164 Resp: 305004
 Ion Ratio Lower Upper
 164 100
 162 105.1 80.6 121.0
 160 47.3 35.7 53.5



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





#42

2,4,6-Tribromophenol

Concen: 203.297 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF119782.D

Acq: 6 Apr 2020 20:49

Instrument :

BNA_F

ClientSampleId :

TP-67-66-COMP

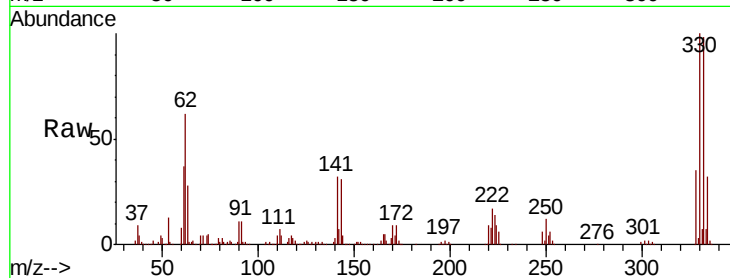
Tot Ion:330 Resp: 639698

Ion Ratio Lower Upper

330 100

332 97.7 75.7 113.5

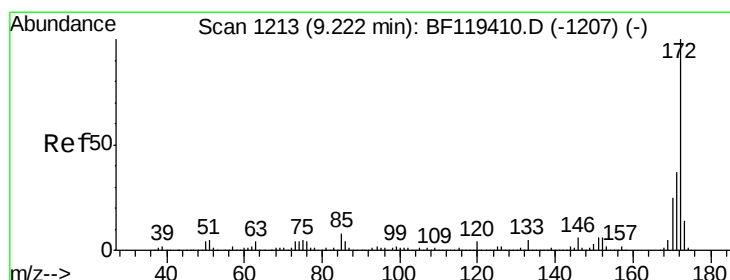
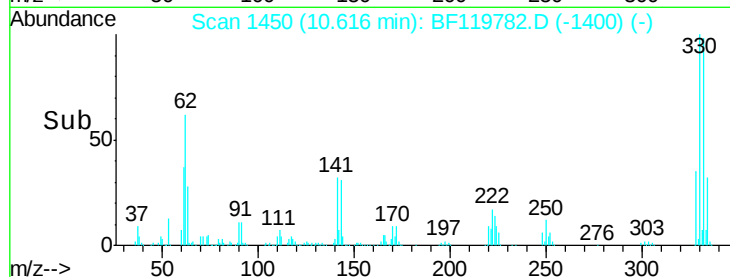
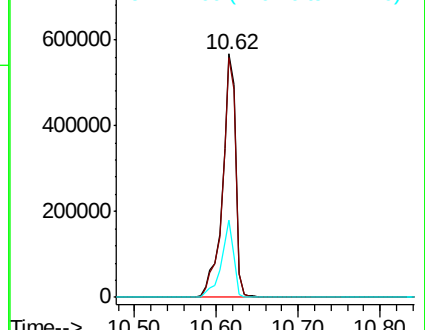
141 30.2 25.4 38.0



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: 121.082 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF119782.D

Acq: 6 Apr 2020 20:49

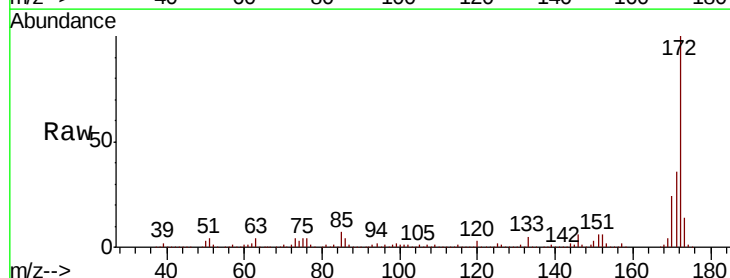
Tgt Ion:172 Resp: 2492817

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

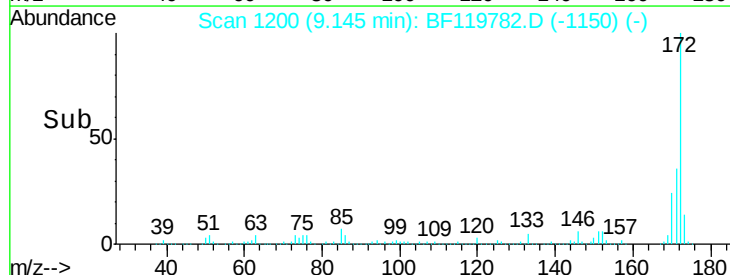
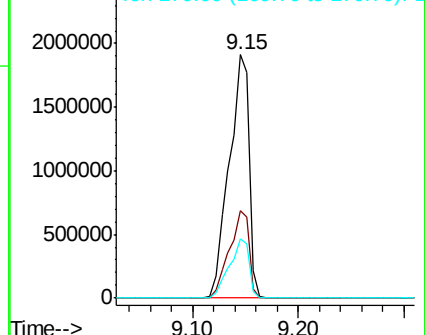
170 24.5 20.2 30.2

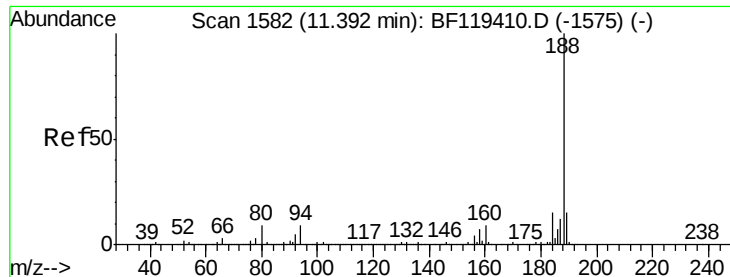


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

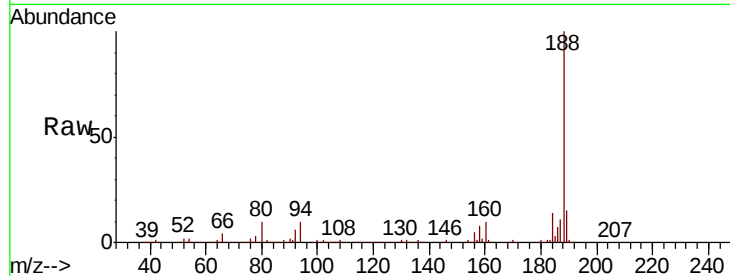




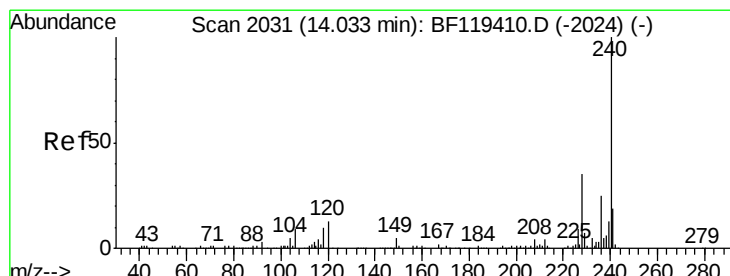
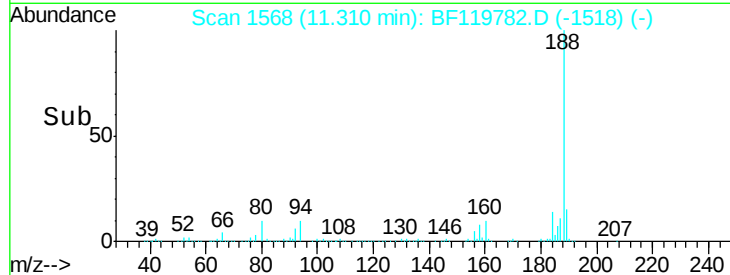
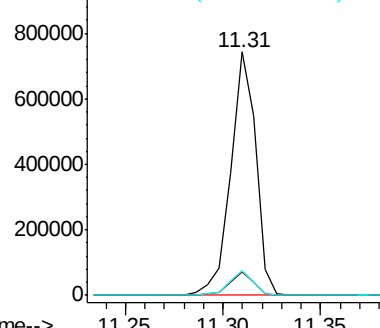
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119782.D
Acq: 6 Apr 2020 20:49

Instrument :
BNA_F
ClientSampleId :
TP-67-66-COMP

Tot Ion:188 Resp: 663948
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 9.9 9.0 13.4

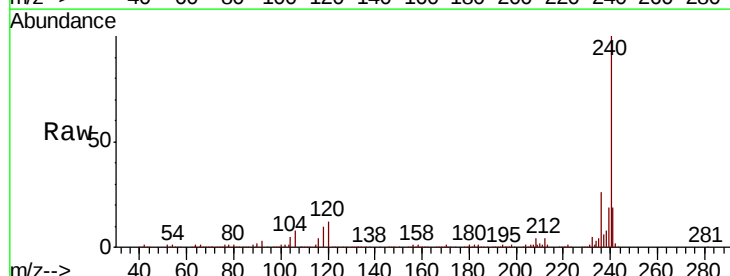


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

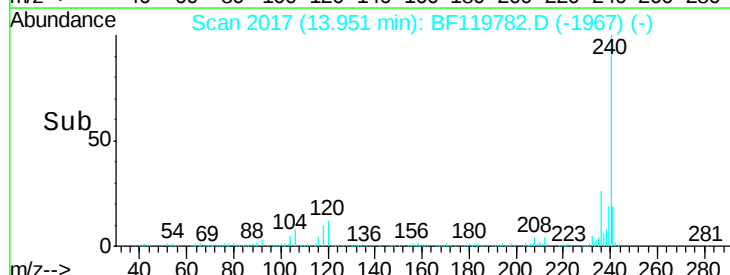
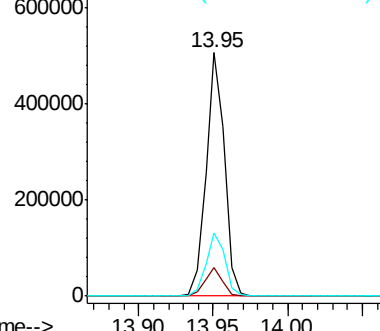


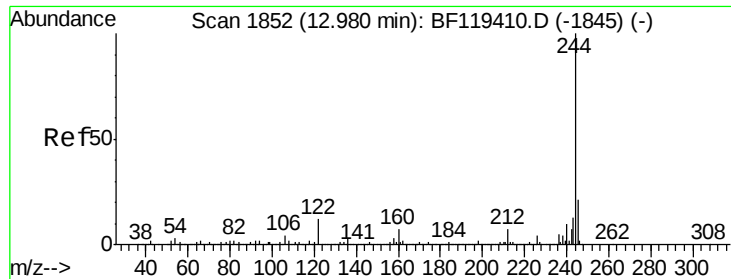
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119782.D
Acq: 6 Apr 2020 20:49

Tgt Ion:240 Resp: 440492
Ion Ratio Lower Upper
240 100
120 11.5 10.6 15.8
236 26.0 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

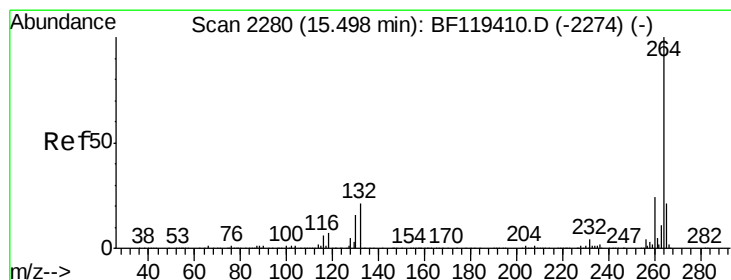
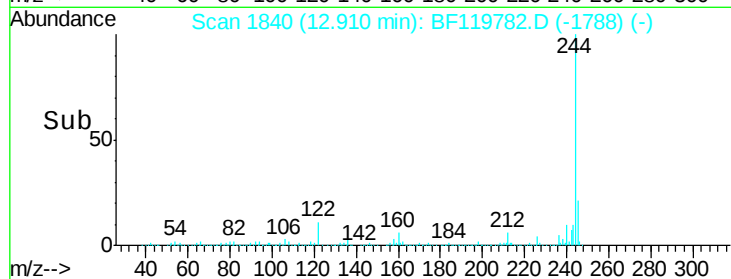
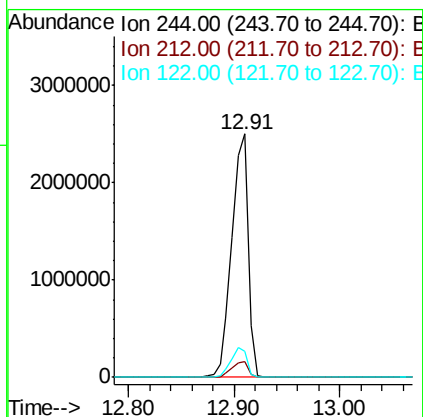
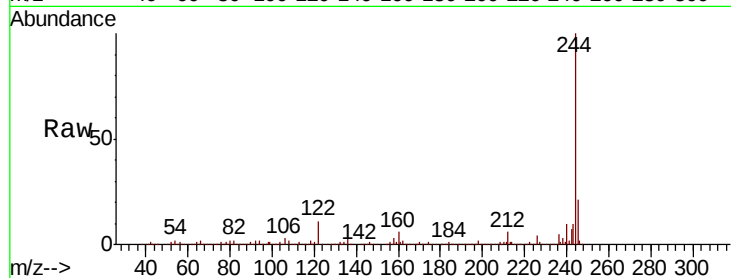




#79
 Terphenyl-d14
 Concen: 118.993 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF119782.D
 Acq: 6 Apr 2020 20:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-67-66-COMP

Tot Ion:244 Resp: 2675343
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.8
 122 10.9 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF119782.D
 Acq: 6 Apr 2020 20:49

Tgt Ion:264 Resp: 154628
 Ion Ratio Lower Upper
 264 100
 260 28.6 18.7 28.1#
 265 20.7 17.7 26.5

