

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119786.D
 Acq On : 6 Apr 2020 22:37
 Operator : MA/SJ
 Sample : L2129-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Apr 07 00:29:38 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

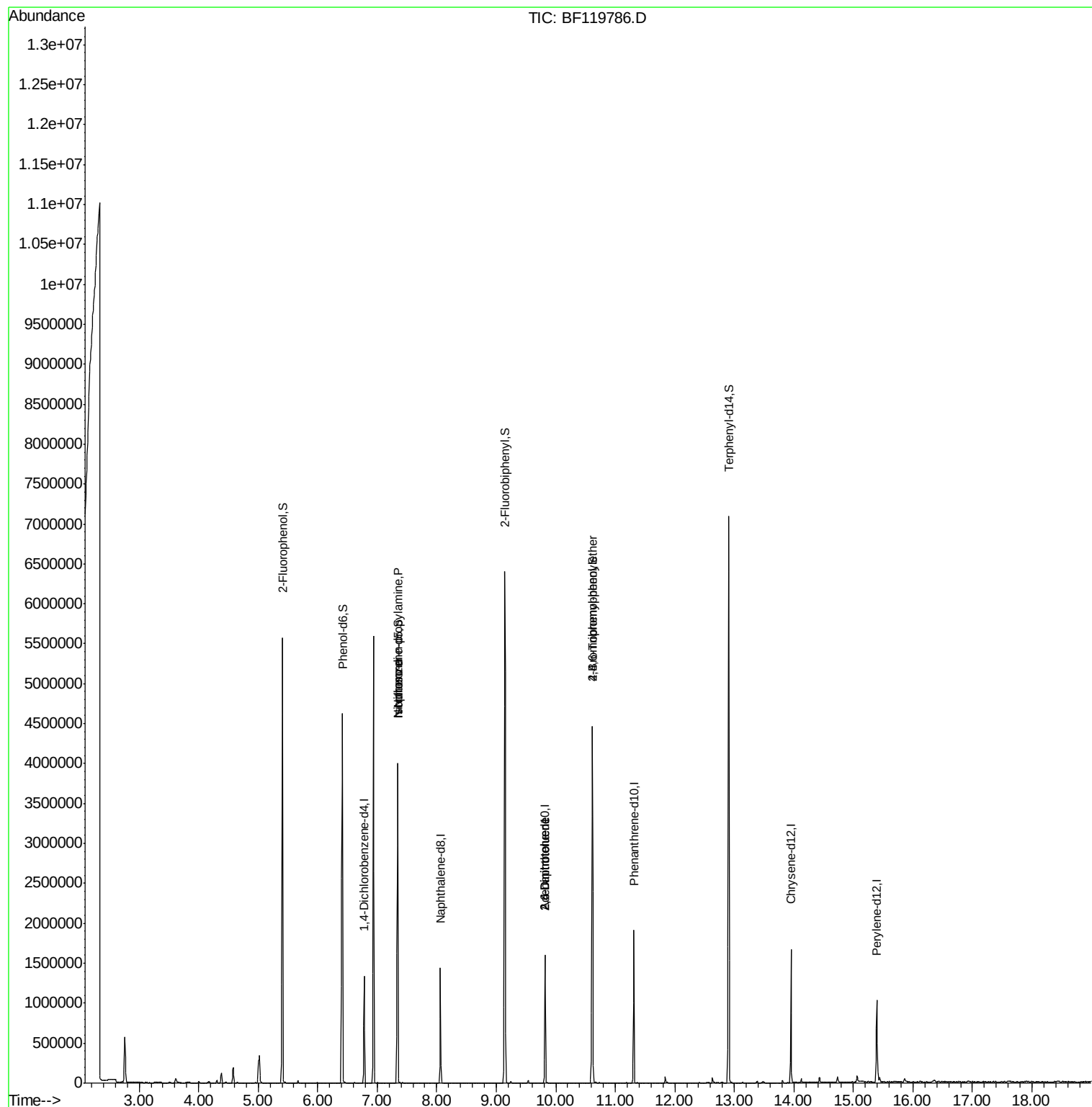
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	177045	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	672581	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	350878	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	694045	20.00	ng	0.00
76) Chrysene-d12	13.95	240	533989	20.00	ng	0.00
87) Perylene-d12	15.39	264	495574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1526040	137.21	ng	0.02
7) Phenol-d6	6.42	99	1710114	120.37	ng	0.00
23) Nitrobenzene-d5	7.35	82	1313064	106.10	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	645278	178.26	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2530440	106.84	ng	0.00
79) Terphenyl-d14	12.91	244	2867869	105.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	172865	20.19	ng	# 74
25) Isophorone	7.35	82	1313044	52.30	ng	# 65
51) 2,6-Dinitrotoluene	9.82	165	43654	8.17	ng	# 27
57) 2,4-Dinitrotoluene	9.82	165	43654	6.49	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	38308	4.85	ng	# 1

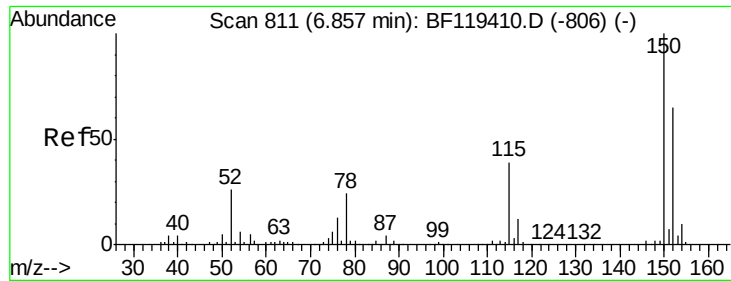
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
Data File : BF119786.D
Acq On : 6 Apr 2020 22:37
Operator : MA/SJ
Sample : L2129-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Time: Apr 07 00:29:38 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

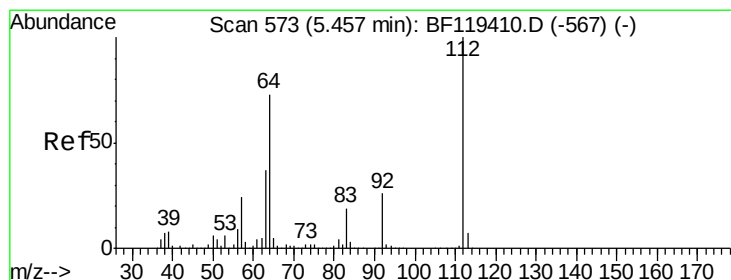
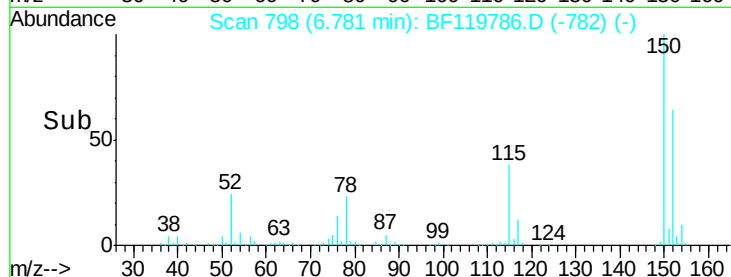
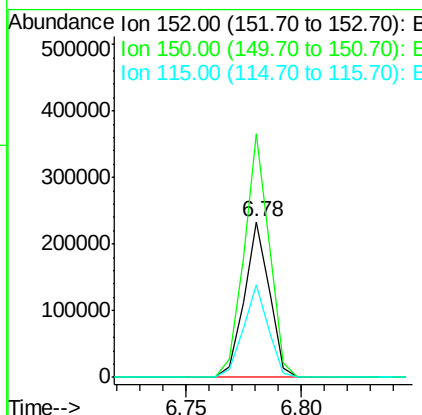
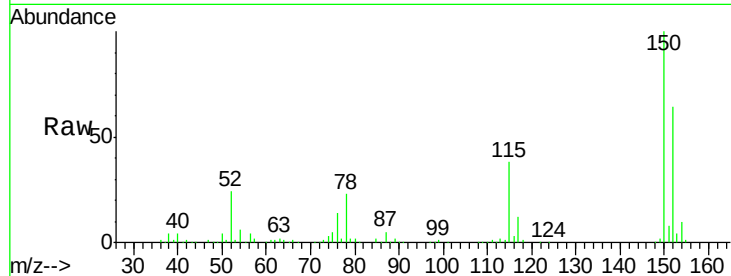




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119786.D
 Acq: 6 Apr 2020 22:37

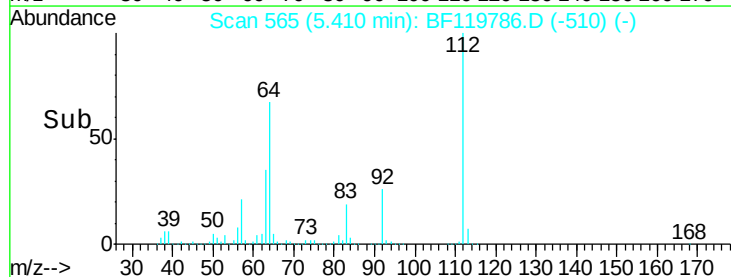
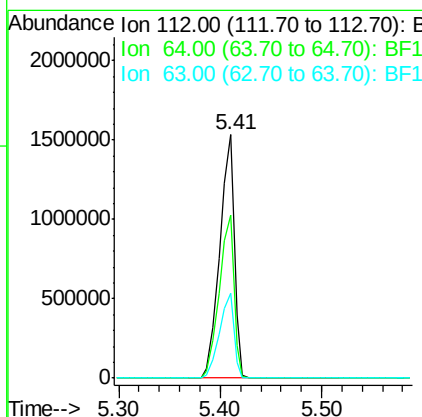
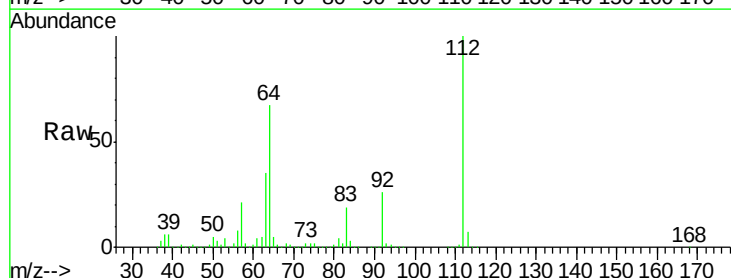
Instrument :
 BNA_F
 ClientSampled :
 TP-4

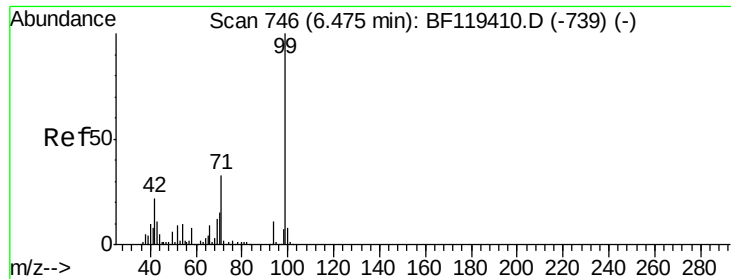
Tgt Ion:152 Resp: 177045
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.5 186.7
 115 59.3 49.6 74.4



#5
 2-Fluorophenol
 Concen: 137.21 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: BF119786.D
 Acq: 6 Apr 2020 22:37

Tgt Ion:112 Resp: 1526040
 Ion Ratio Lower Upper
 112 100
 64 67.0 56.7 85.1
 63 34.7 29.5 44.3





#7

Phenol-d6

Concen: 120.37 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119786.D

Acq: 6 Apr 2020 22:37

Instrument :

BNA_F

ClientSampleId :

TP-4

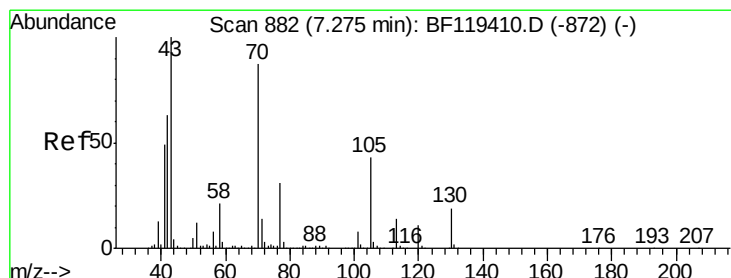
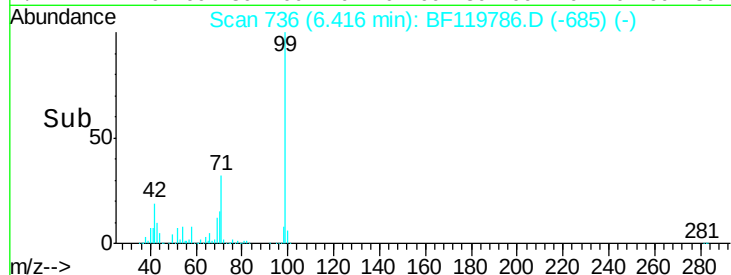
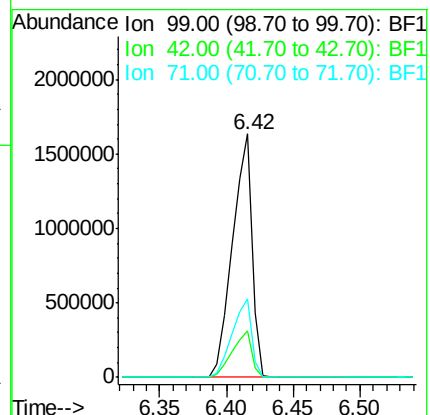
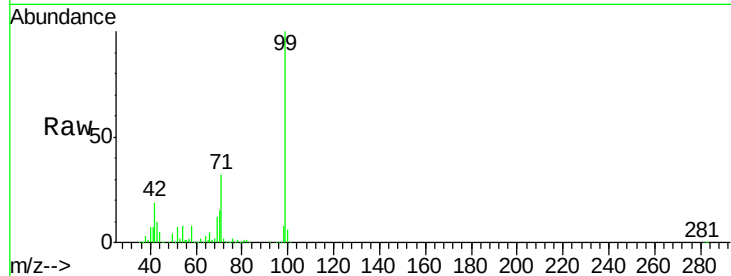
Tgt Ion: 99 Resp: 1710114

Ion Ratio Lower Upper

99 100

42 18.9 16.6 24.8

71 32.2 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 20.19 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119786.D

Acq: 6 Apr 2020 22:37

Tgt Ion: 70 Resp: 172865

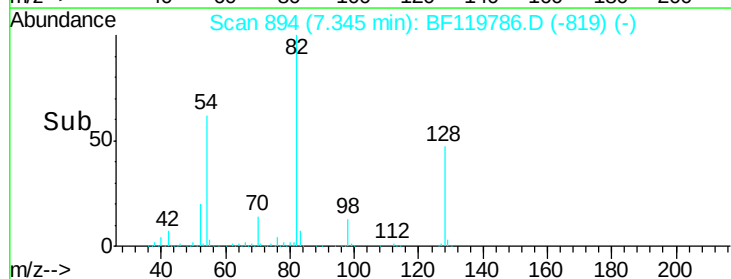
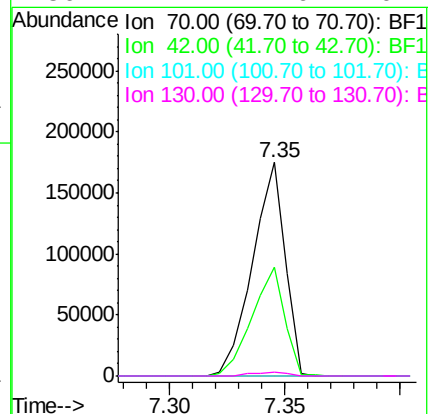
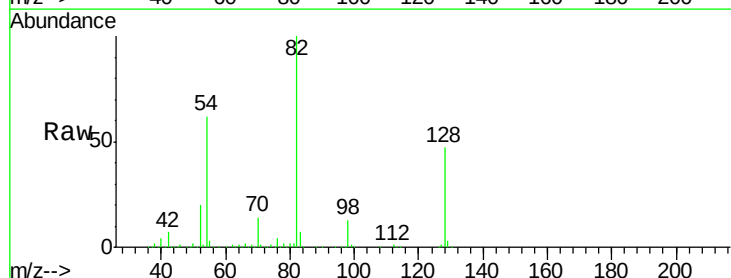
Ion Ratio Lower Upper

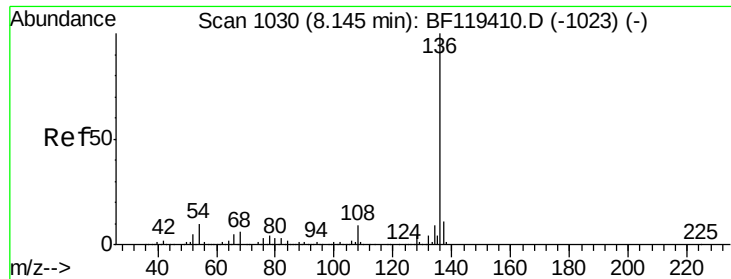
70 100

42 51.2 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#

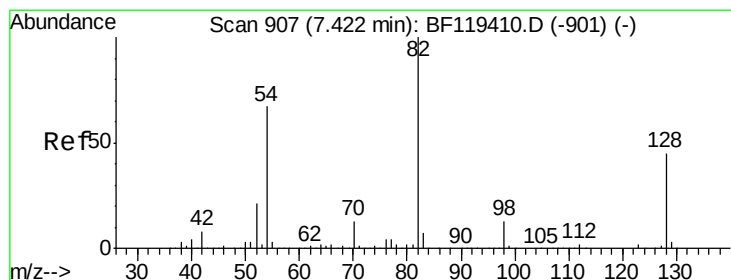
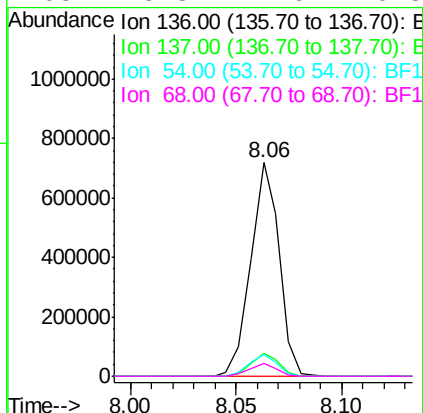
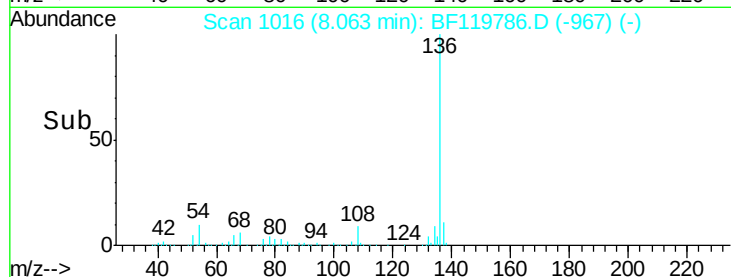
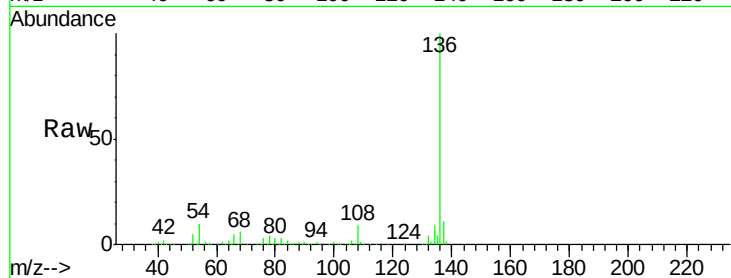




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF119786.D
Acq: 6 Apr 2020 22:37

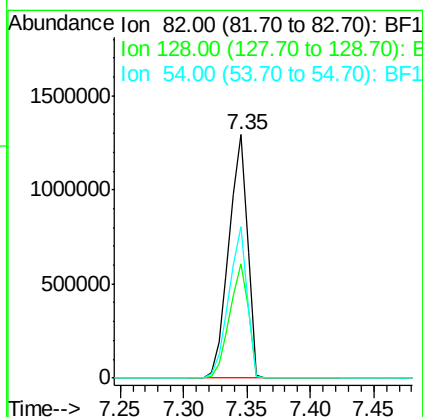
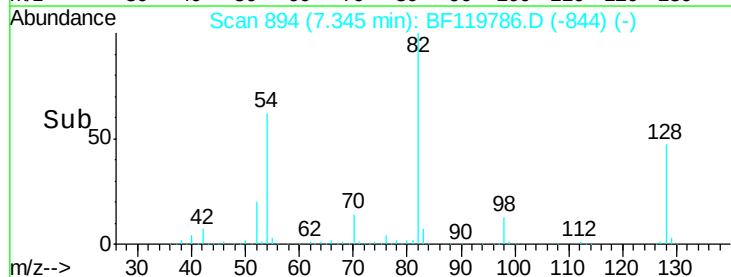
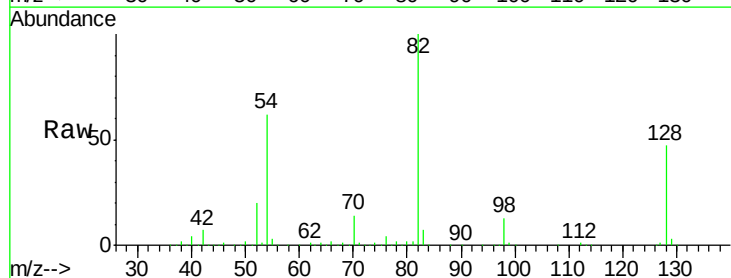
Instrument :
BNA_F
ClientSampled :
TP-4

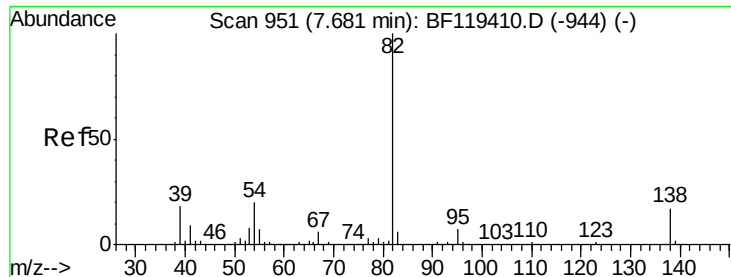
Tgt Ion:	136	Resp:	672581
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.0	9.1	13.7
68	5.8	4.6	6.8



#23
Nitrobenzene-d5
Concen: 106.10 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119786.D
Acq: 6 Apr 2020 22:37

Tgt Ion:	82	Resp:	1313064
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.3	54.5
54	62.1	50.6	75.8





#25

Isophorone

Concen: 52.30 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119786.D

Acq: 6 Apr 2020 22:37

Instrument :

BNA_F

ClientSampleId :

TP-4

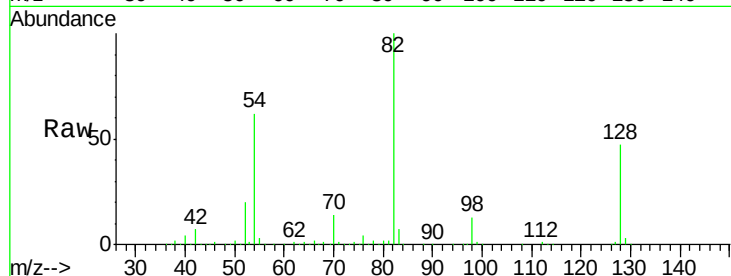
Tgt Ion: 82 Resp: 1313044

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

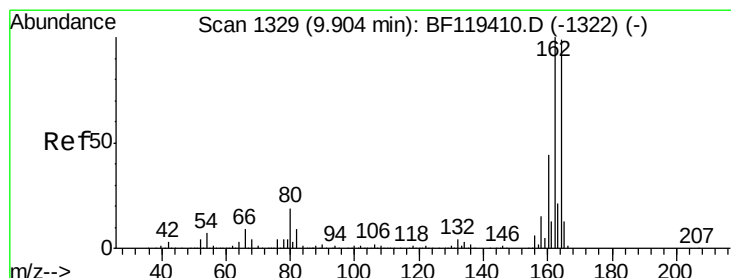
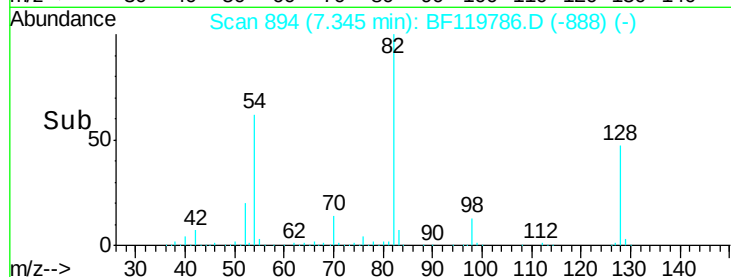
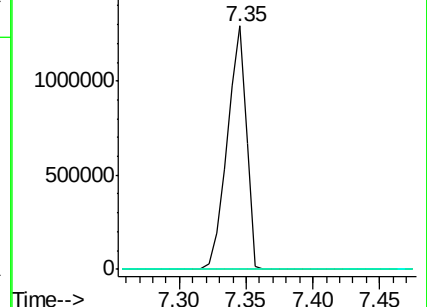
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119786.D

Acq: 6 Apr 2020 22:37

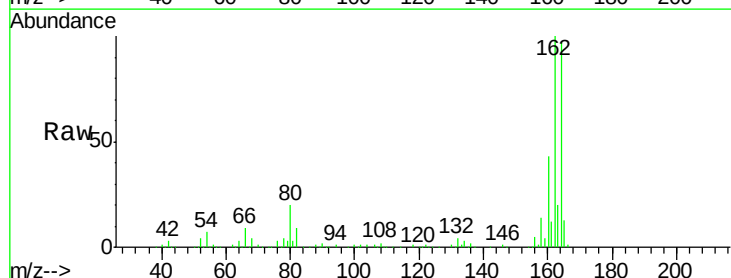
Tgt Ion: 164 Resp: 350878

Ion Ratio Lower Upper

164 100

162 103.5 80.6 121.0

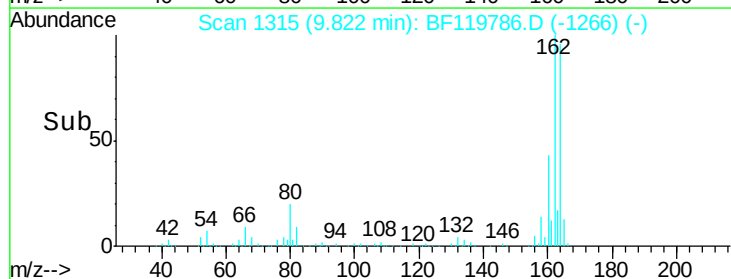
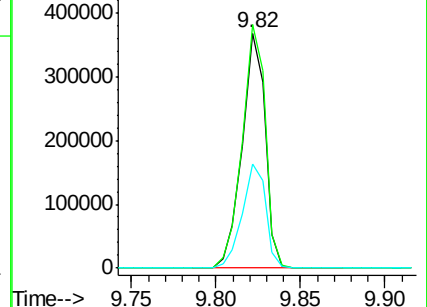
160 44.1 35.7 53.5

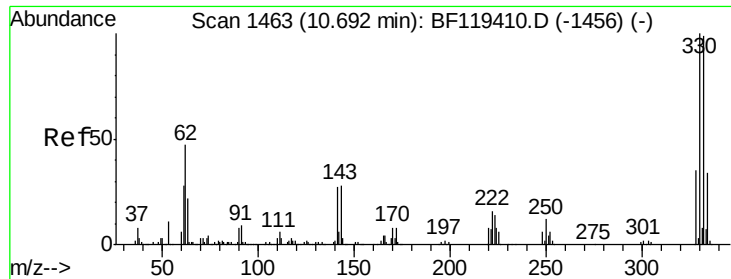


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 178.26 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF119786.D

Acq: 6 Apr 2020 22:37

Instrument :

BNA_F

ClientSampleId :

TP-4

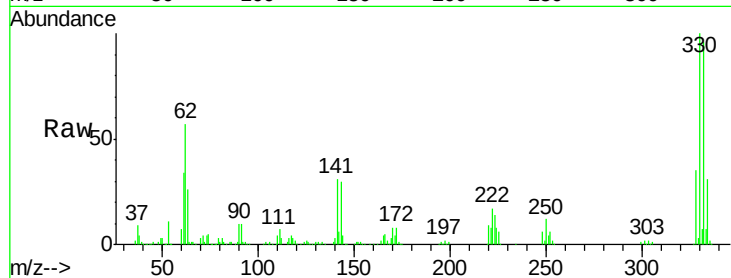
Tgt Ion:330 Resp: 645278

Ion Ratio Lower Upper

330 100

332 96.6 75.7 113.5

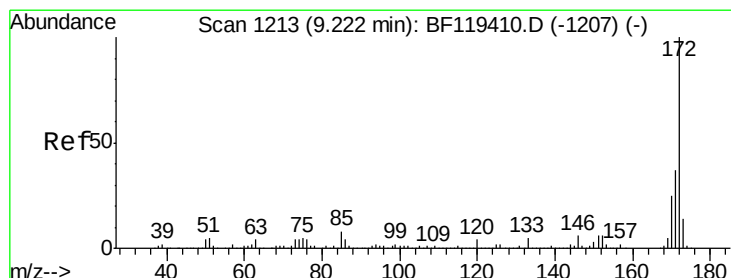
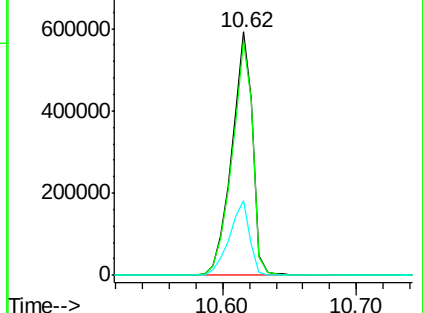
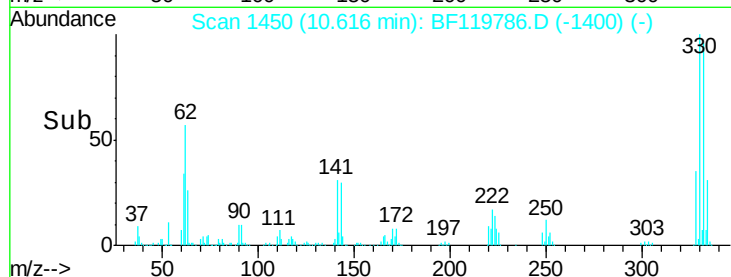
141 30.1 25.4 38.0



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: 106.84 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF119786.D

Acq: 6 Apr 2020 22:37

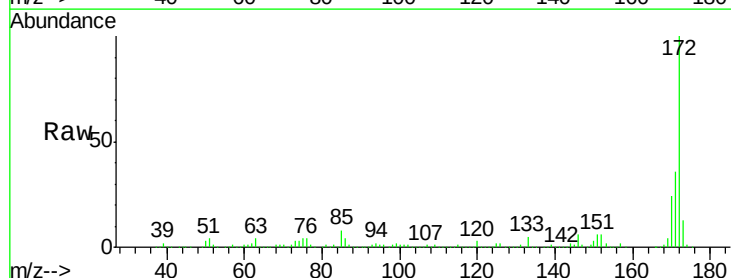
Tgt Ion:172 Resp: 2530440

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

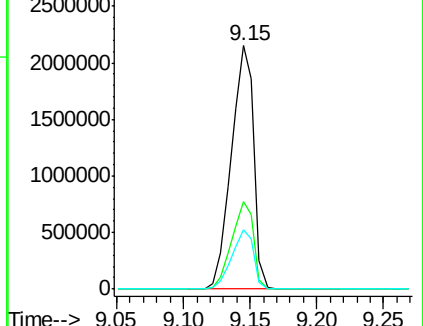
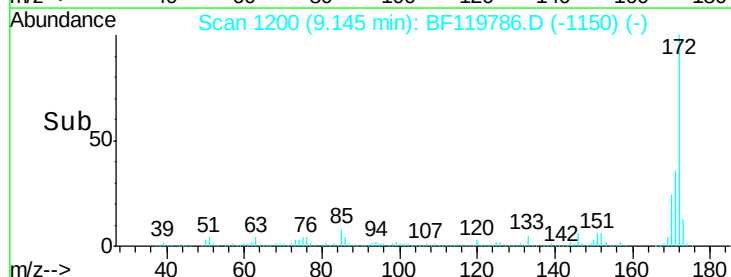
170 24.2 20.2 30.2

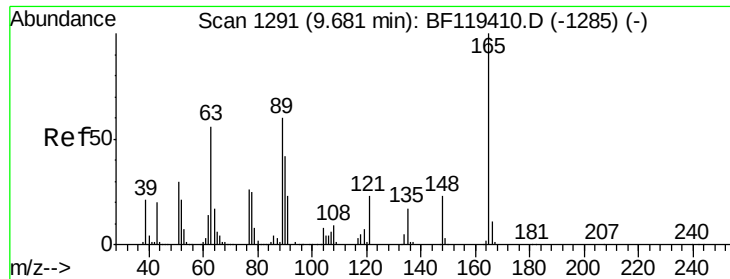


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

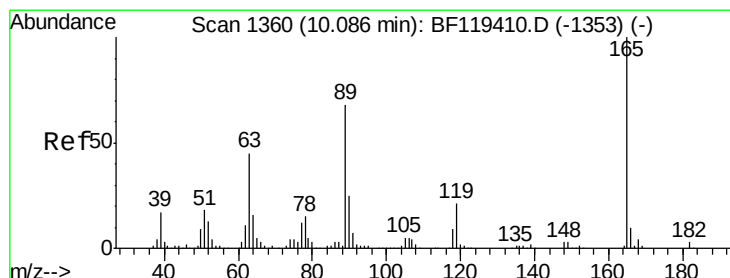
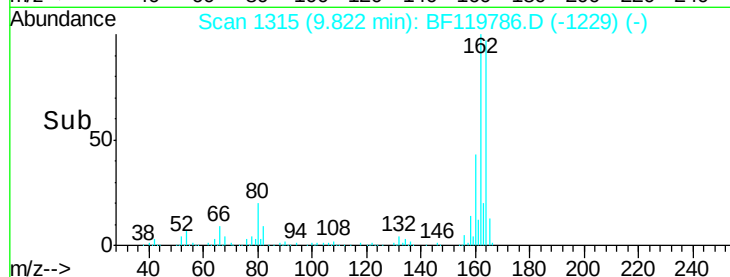
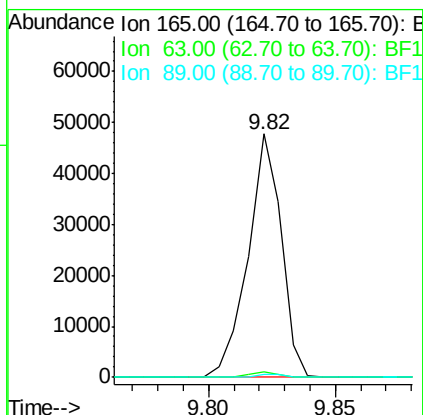
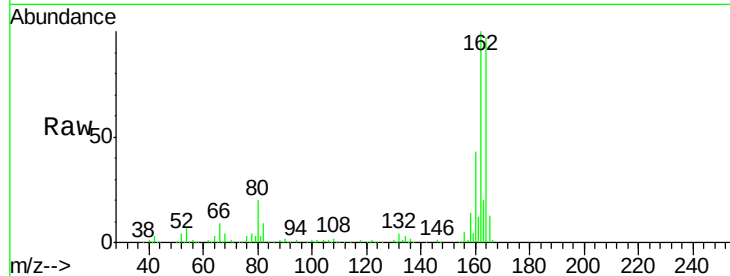




#51
 2,6-Dinitrotoluene
 Concen: 8.17 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF119786.D
 Acq: 6 Apr 2020 22:37

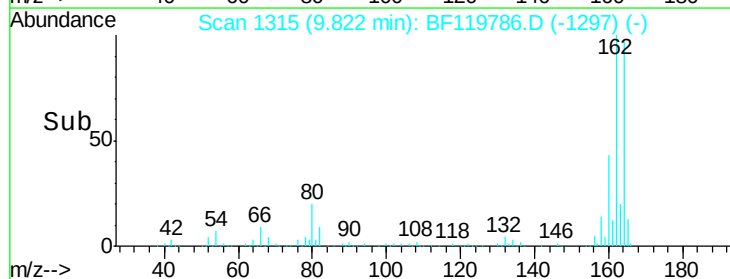
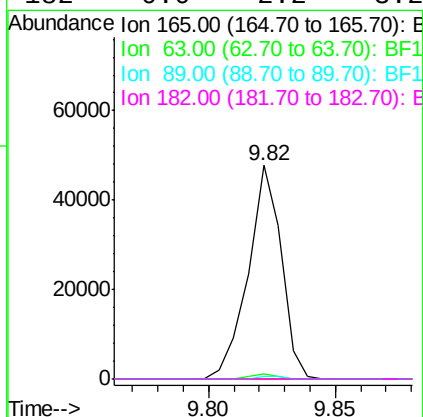
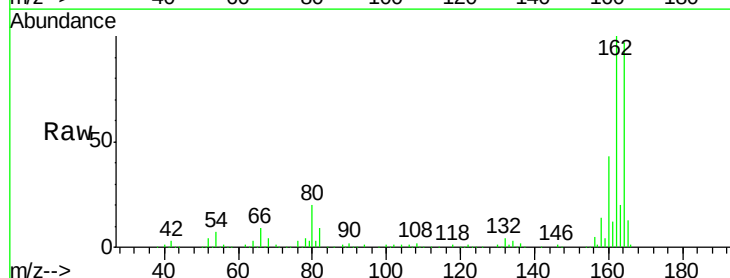
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

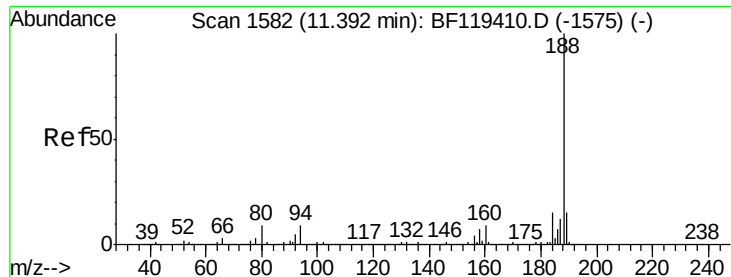
Tgt Ion:165 Resp: 43654
 Ion Ratio Lower Upper
 165 100
 63 2.2 45.0 67.4#
 89 1.1 41.5 62.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.49 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF119786.D
 Acq: 6 Apr 2020 22:37

Tgt Ion:165 Resp: 43654
 Ion Ratio Lower Upper
 165 100
 63 2.2 42.6 64.0#
 89 1.1 61.0 91.4#
 182 0.0 2.2 3.2#

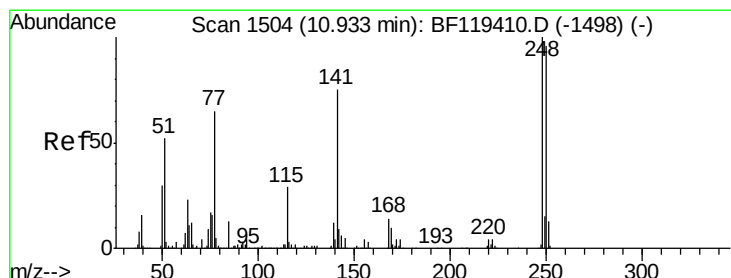
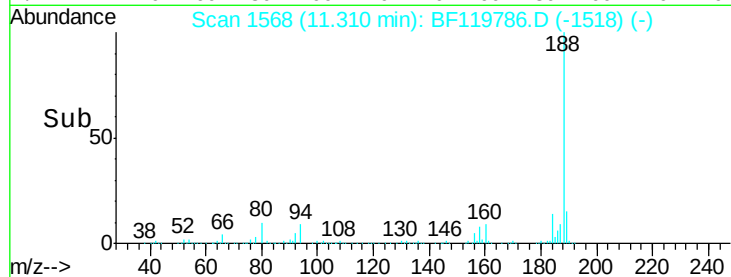
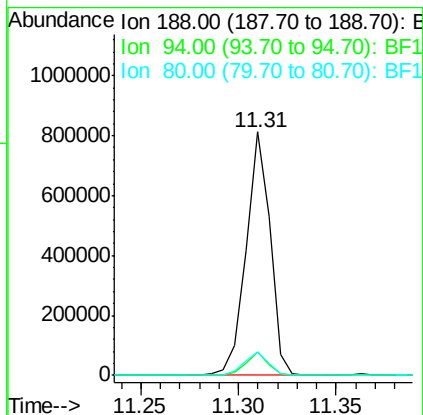
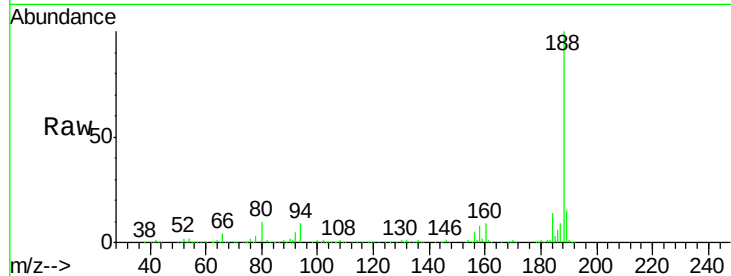




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119786.D
 Acq: 6 Apr 2020 22:37

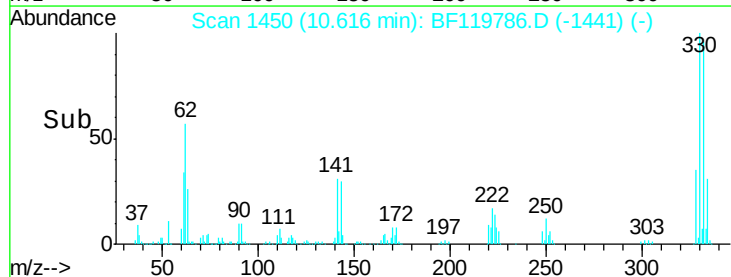
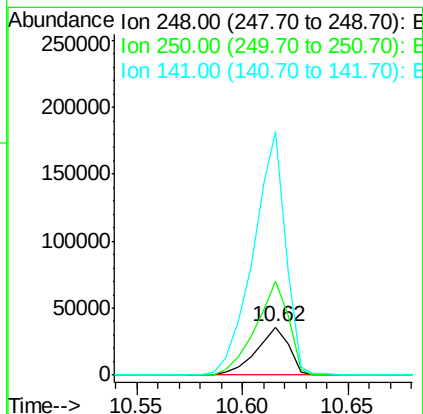
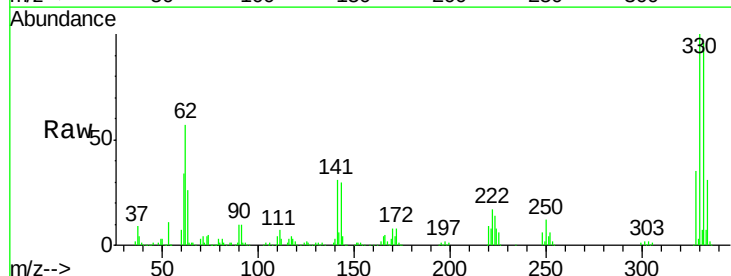
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

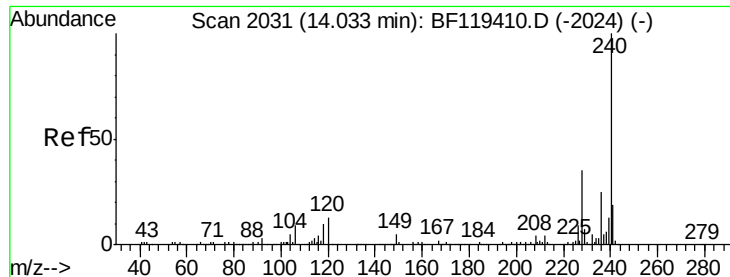
Tgt Ion:188 Resp: 694045
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.5 11.3
 80 9.7 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.85 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF119786.D
 Acq: 6 Apr 2020 22:37

Tgt Ion:248 Resp: 38308
 Ion Ratio Lower Upper
 248 100
 250 194.9 77.3 115.9#
 141 508.9 58.6 87.8#

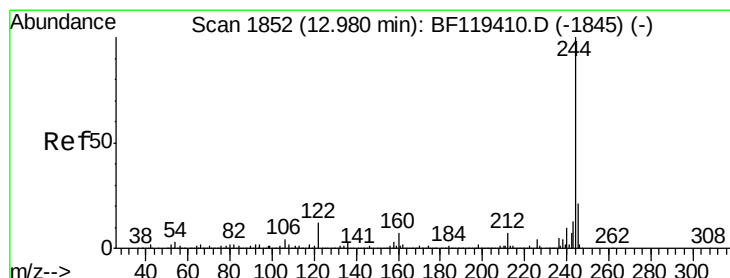
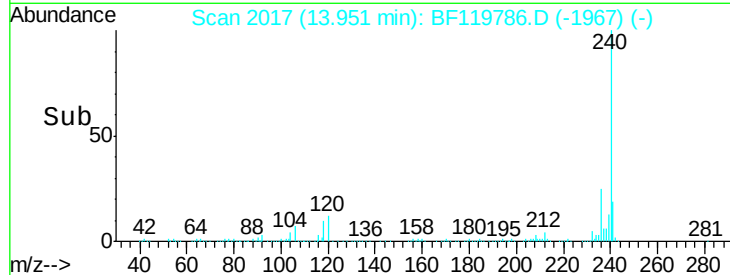
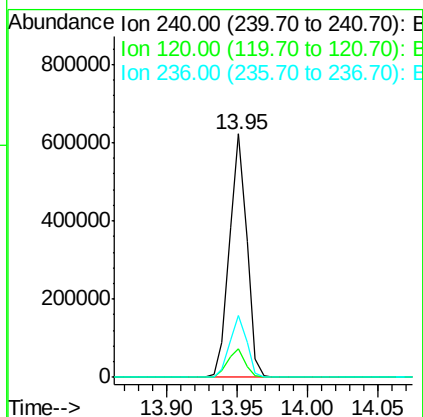
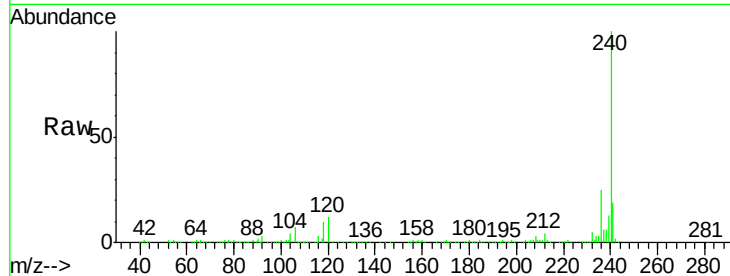




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119786.D
Acq: 6 Apr 2020 22:37

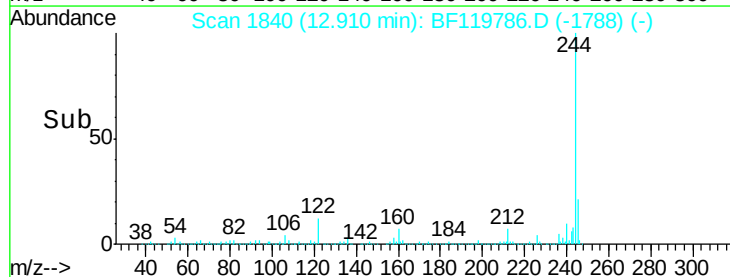
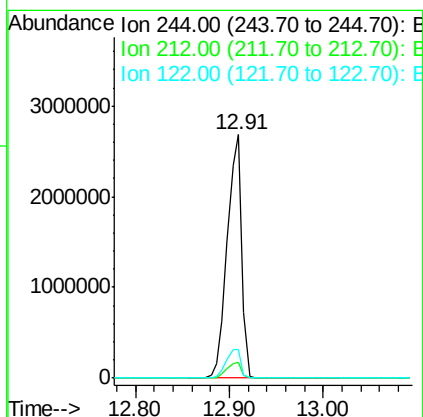
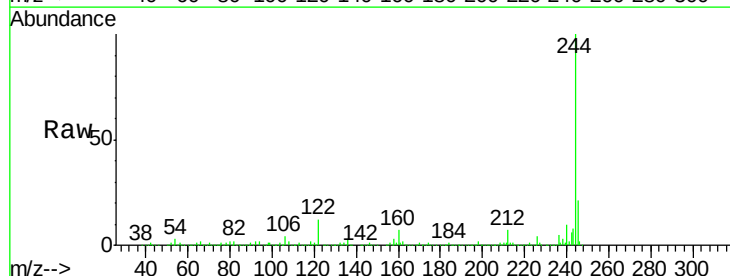
Instrument :
BNA_F
ClientSampleId :
TP-4

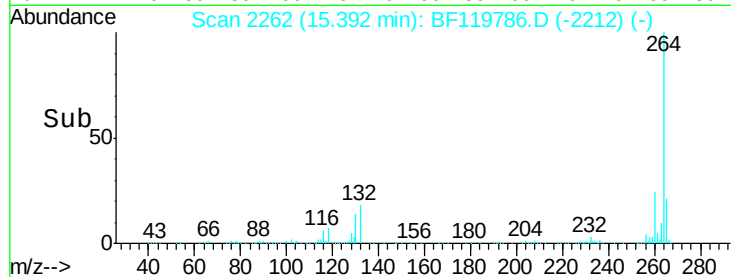
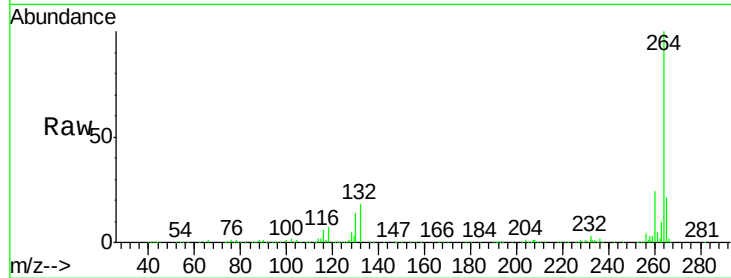
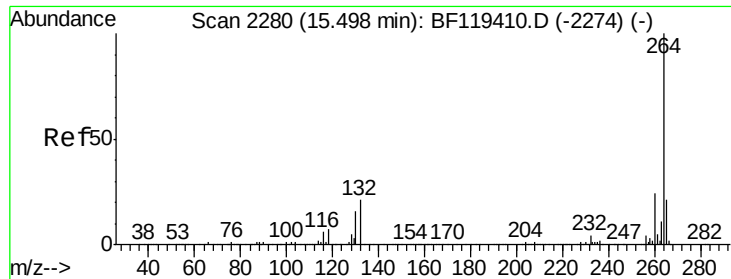
Tgt Ion:240 Resp: 533989
Ion Ratio Lower Upper
240 100
120 11.8 10.6 15.8
236 25.5 20.2 30.2



#79
Terphenyl-d14
Concen: 105.22 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF119786.D
Acq: 6 Apr 2020 22:37

Tgt Ion:244 Resp: 2867869
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 11.8 10.3 15.5





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF119786.D

Acq: 6 Apr 2020 22:37

Instrument :

BNA_F

ClientSampleId :

TP-4

Tgt Ion:264 Resp: 495574

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.3 17.7 26.5

