

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 00:29:45 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

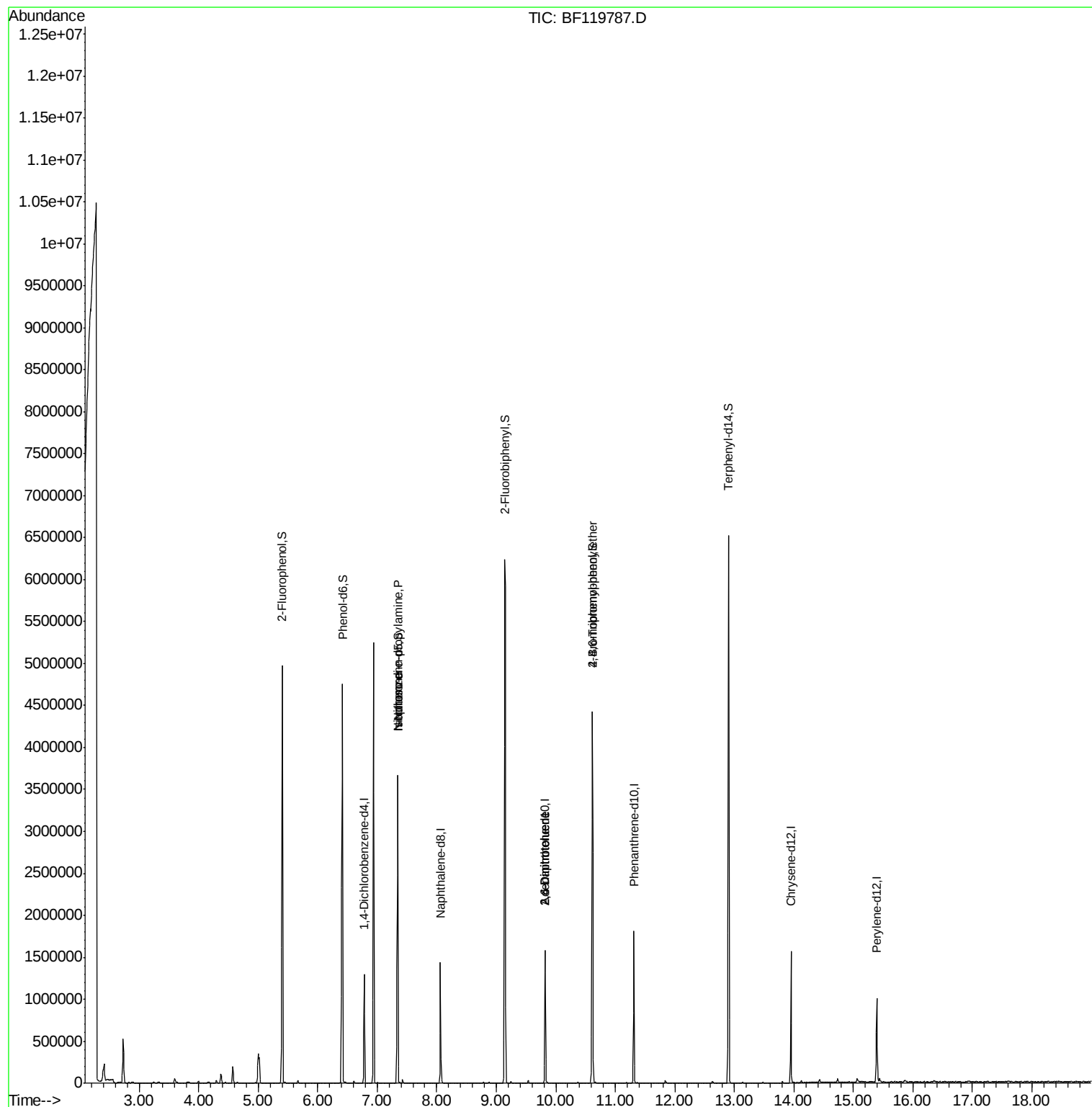
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	177181	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	660245	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	338944	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	652778	20.00	ng	0.00
76) Chrysene-d12	13.95	240	487838	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						
19) n-Nitroso-di-n-propylamine	7.35	70	173635	20.26	ng	# 75
25) Isophorone	7.35	82	1308894	53.11	ng	# 65
51) 2,6-Dinitrotoluene	9.82	165	43369	8.40	ng	# 26
57) 2,4-Dinitrotoluene	9.82	165	43369	6.67	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	36522	4.91	ng	# 1

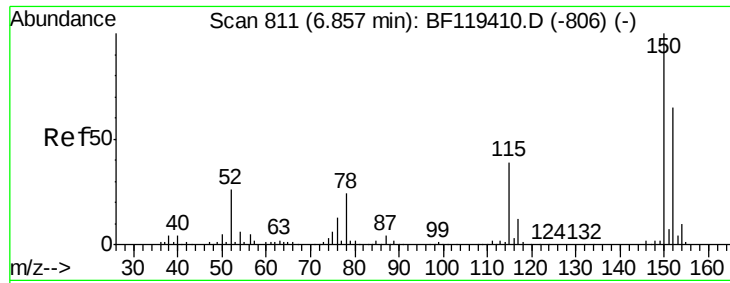
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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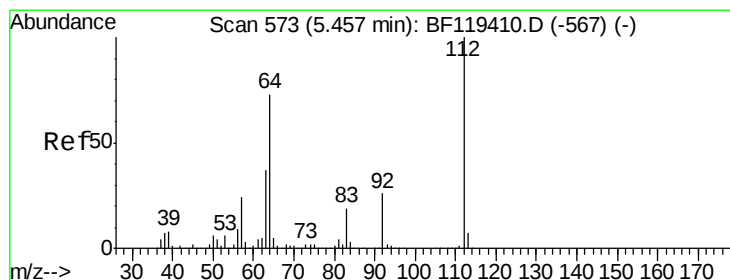
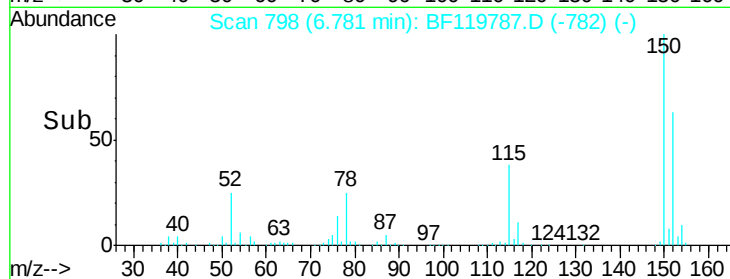
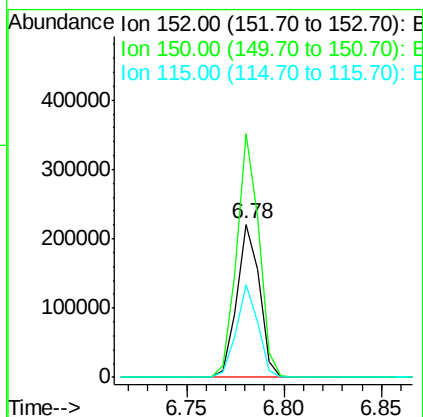
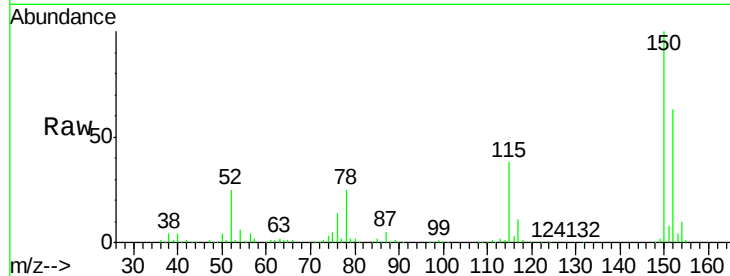


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 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
ClientSampleId :
TP-1

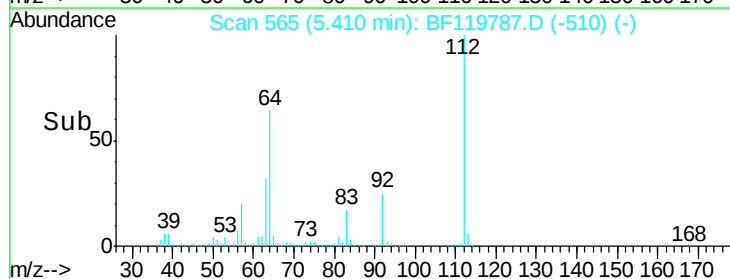
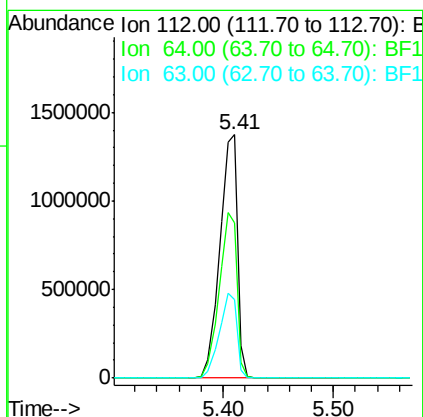
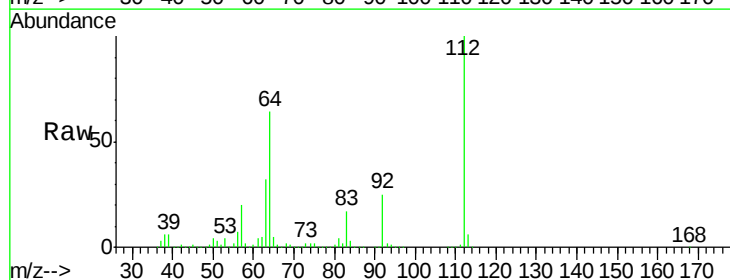
Tgt Ion:152 Resp: 177181
Ion Ratio Lower Upper
152 100
150 159.1 124.5 186.7
115 60.3 49.6 74.4

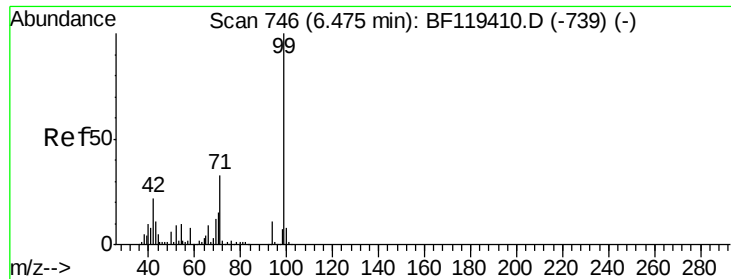


#5

2-Fluorophenol
Concen: 137.36 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





#7

Phenol-d6

Concen: 120.85 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

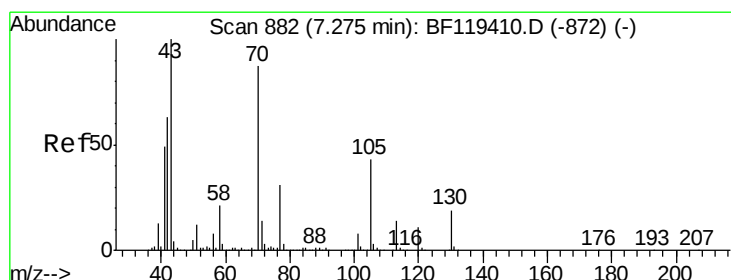
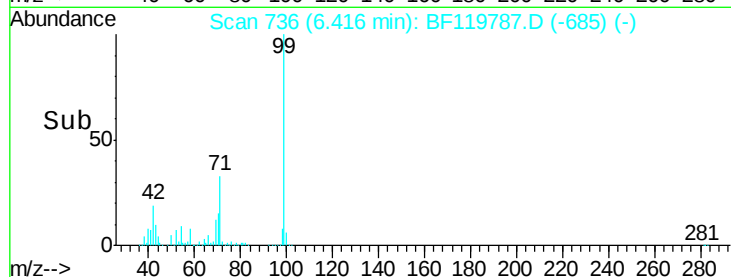
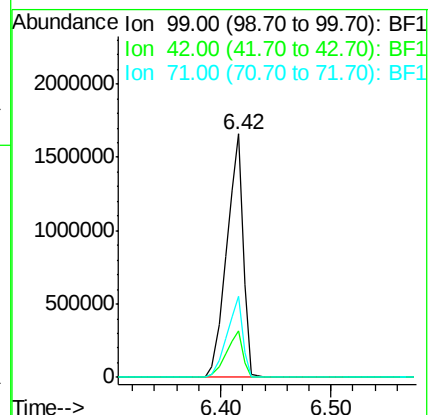
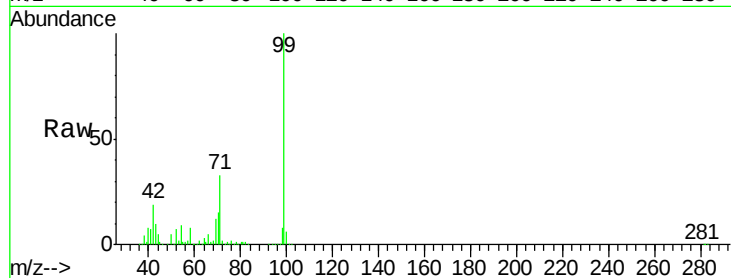
Tgt Ion: 99 Resp: 1718277

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

71 33.2 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 20.26 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119787.D

Acq: 6 Apr 2020 23:04

Tgt Ion: 70 Resp: 173635

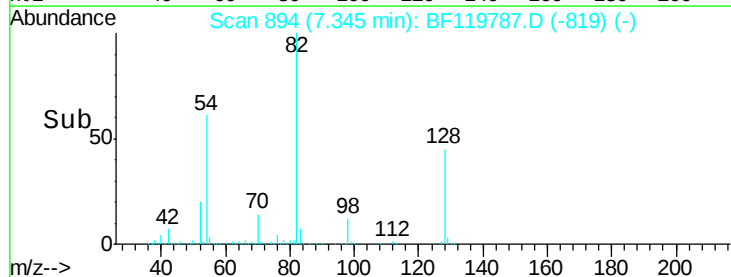
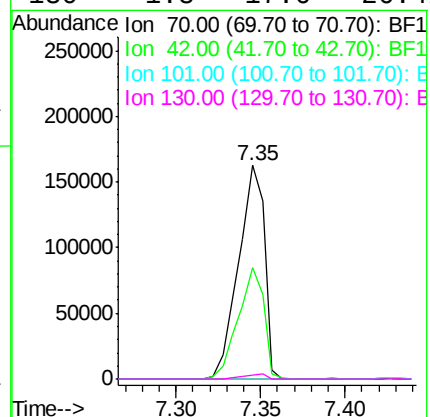
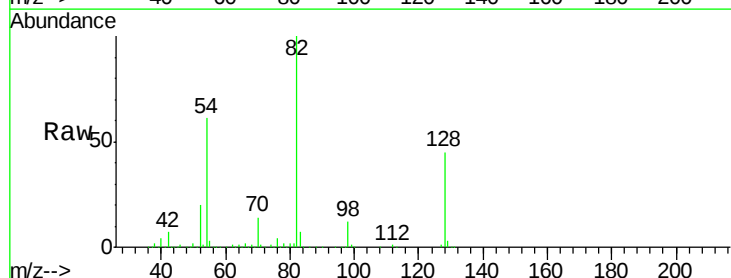
Ion Ratio Lower Upper

70 100

42 52.2 54.5 81.7#

101 0.0 7.6 11.4#

130 1.8 17.6 26.4#

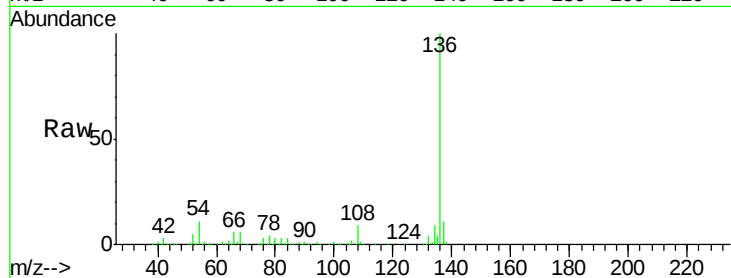




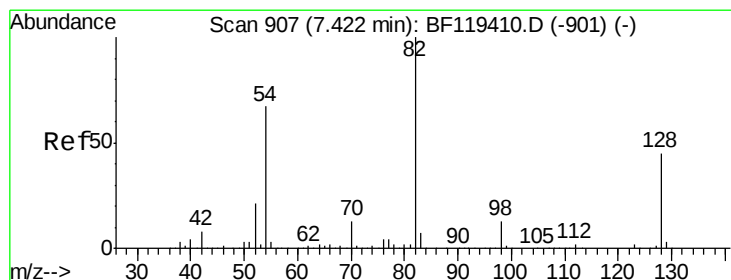
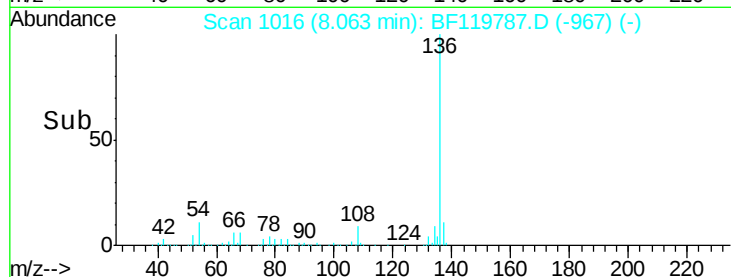
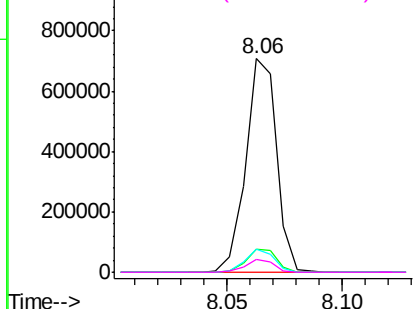
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF119787.D
Acq: 6 Apr 2020 23:04

Instrument :
BNA_F
ClientSampled :
TP-1

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

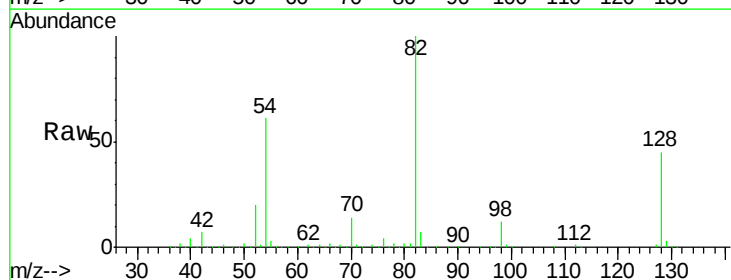


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

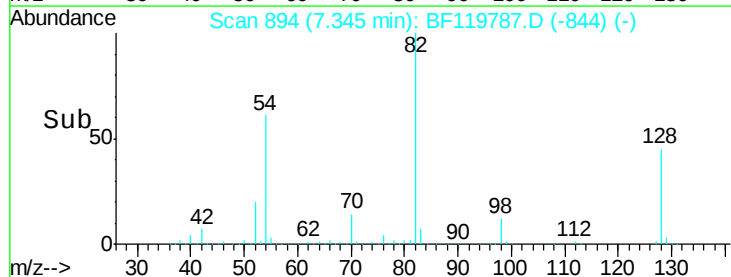
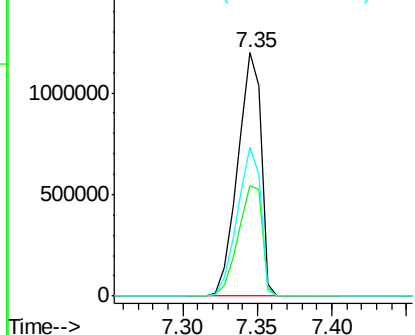


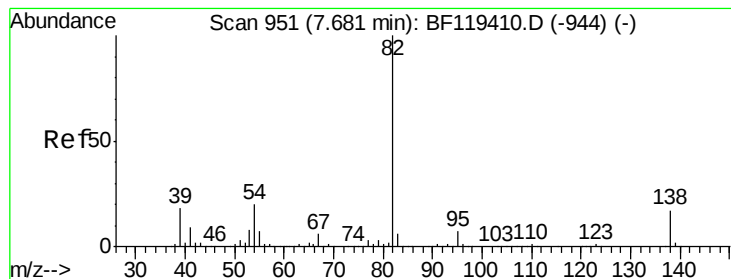
#23
Nitrobenzene-d5
Concen: 107.74 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119787.D
Acq: 6 Apr 2020 23:04

Tgt 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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 53.11 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119787.D

Acq: 6 Apr 2020 23:04

Instrument :

BNA_F

ClientSampleId :

TP-1

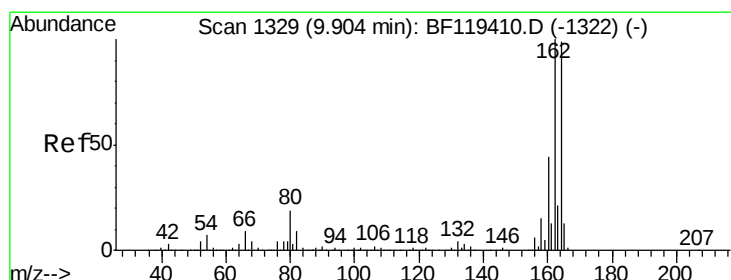
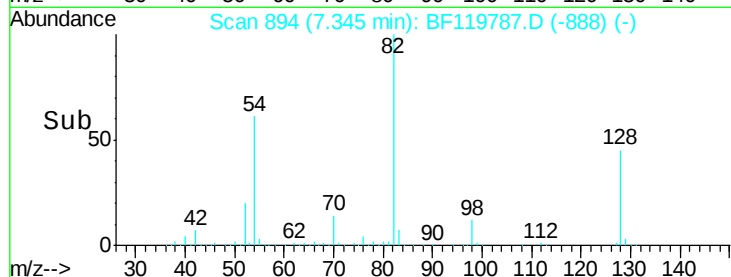
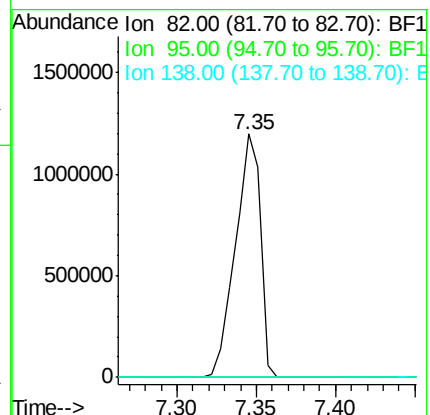
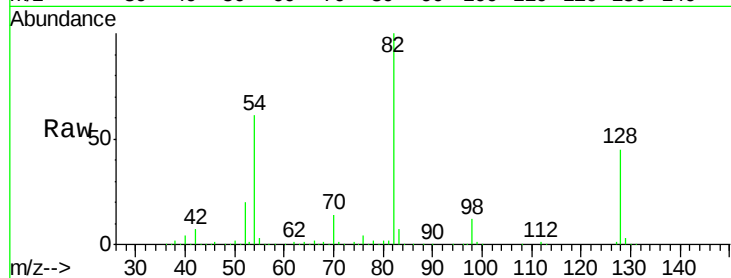
Tgt Ion: 82 Resp: 1308894

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119787.D

Acq: 6 Apr 2020 23:04

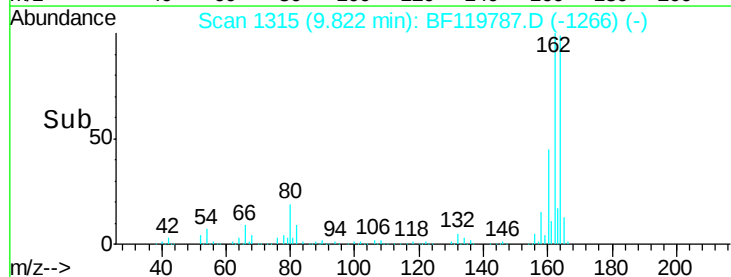
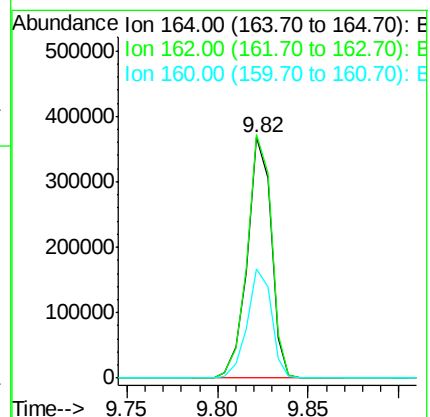
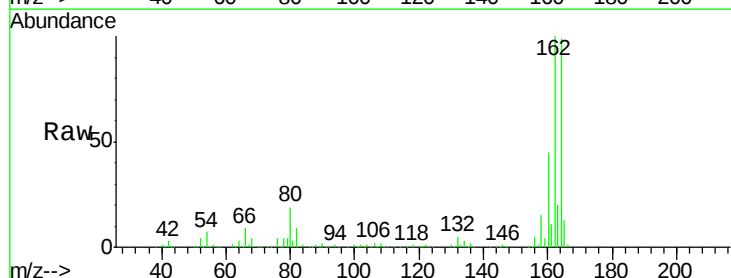
Tgt Ion: 164 Resp: 338944

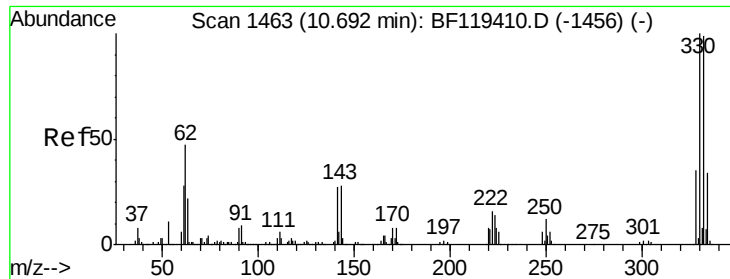
Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

160 45.2 35.7 53.5

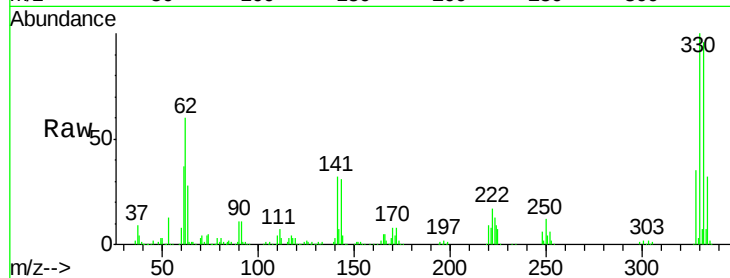




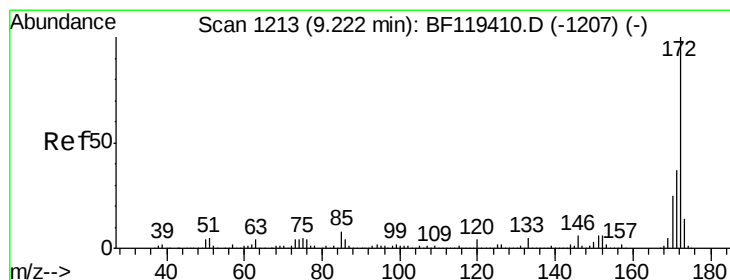
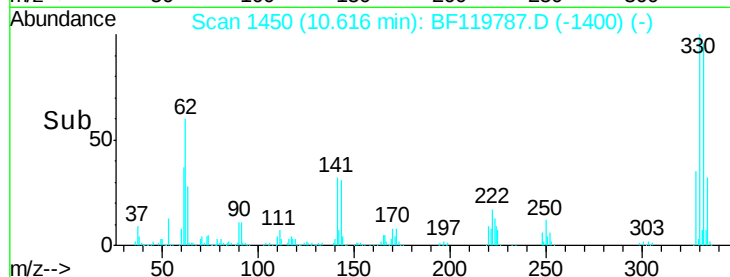
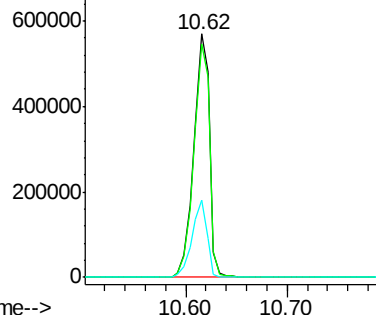
#42
 2,4,6-Tribromophenol
 Concen: 174.26 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119787.D
 Acq: 6 Apr 2020 23:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:330 Resp: 609351
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.7 113.5
 141 30.4 25.4 38.0

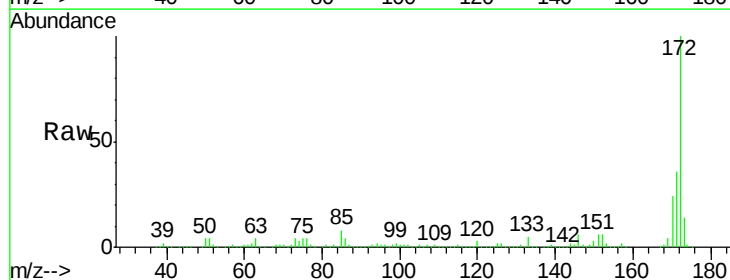


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

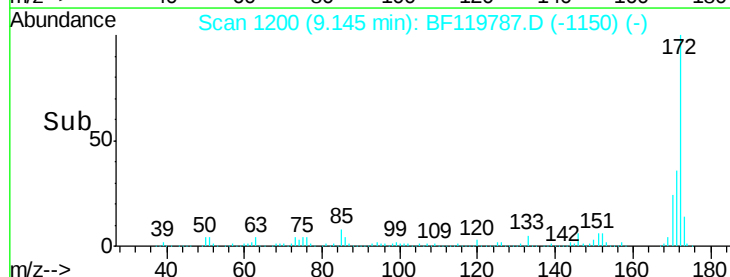
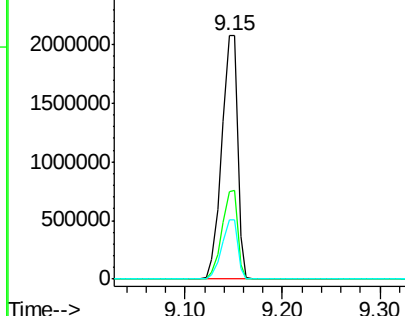


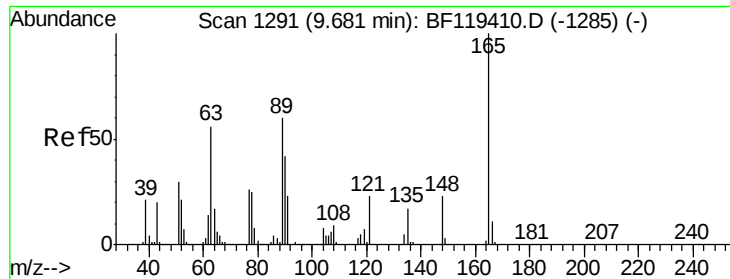
#45
 2-Fluorobiphenyl
 Concen: 103.06 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119787.D
 Acq: 6 Apr 2020 23:04

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

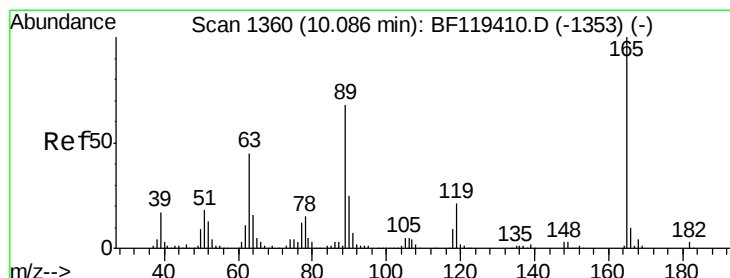
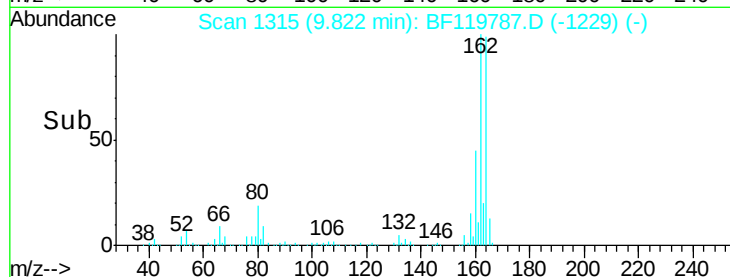
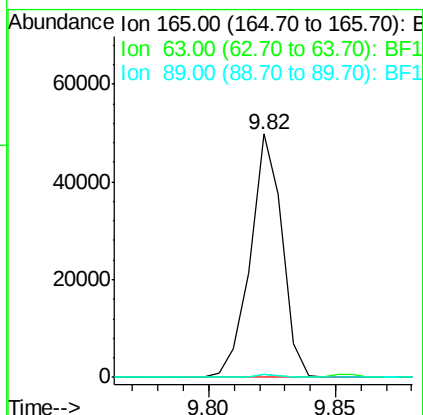
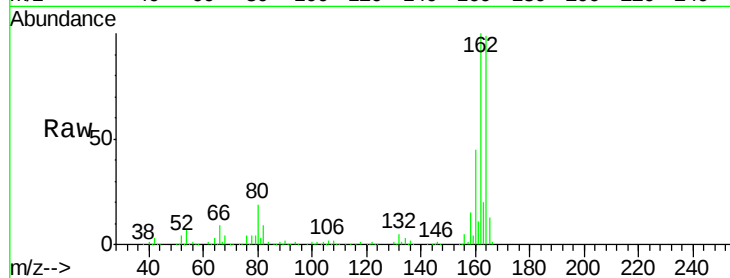




#51
 2,6-Dinitrotoluene
 Concen: 8.40 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF119787.D
 Acq: 6 Apr 2020 23:04

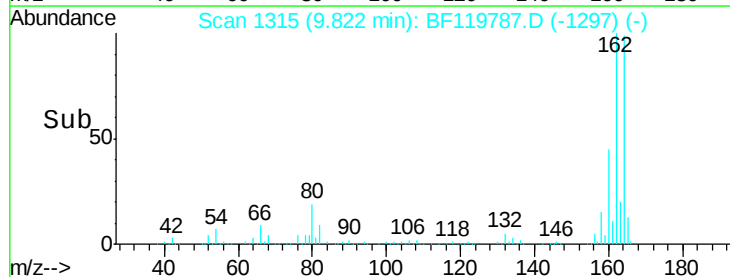
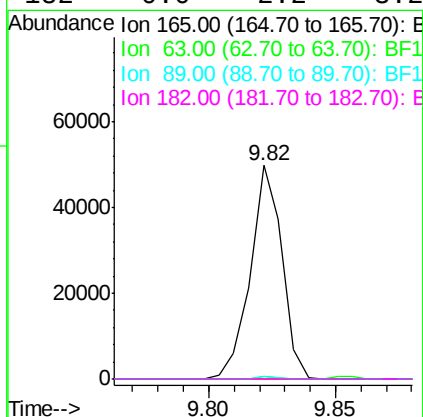
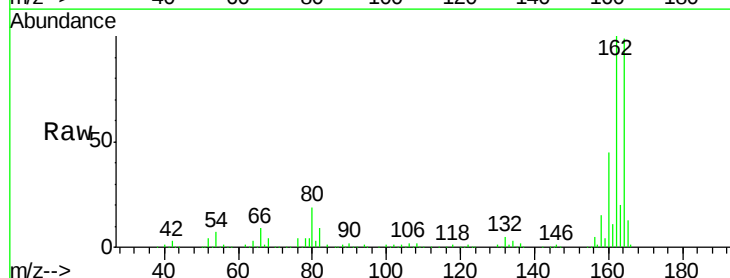
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:165 Resp: 43369
 Ion Ratio Lower Upper
 165 100
 63 1.1 45.0 67.4#
 89 1.0 41.5 62.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.67 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF119787.D
 Acq: 6 Apr 2020 23:04

Tgt Ion:165 Resp: 43369
 Ion Ratio Lower Upper
 165 100
 63 1.1 42.6 64.0#
 89 1.0 61.0 91.4#
 182 0.0 2.2 3.2#

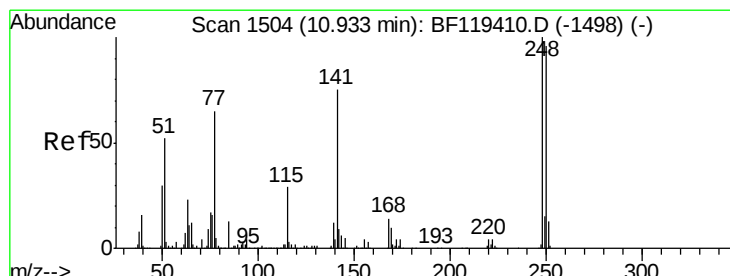
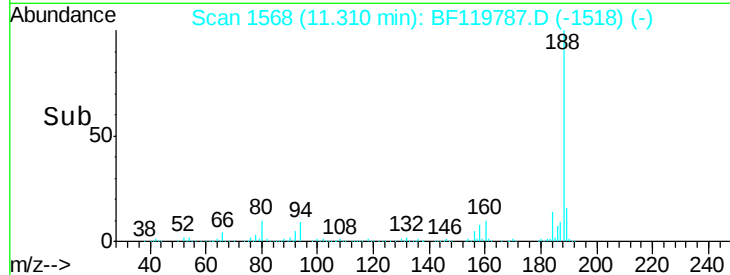
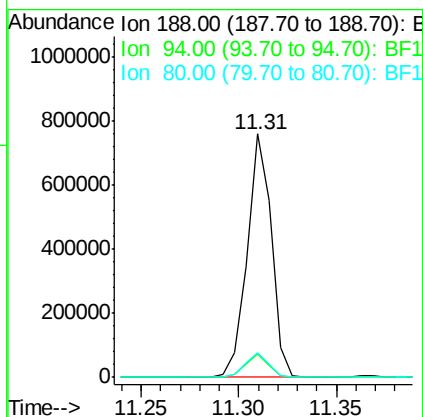
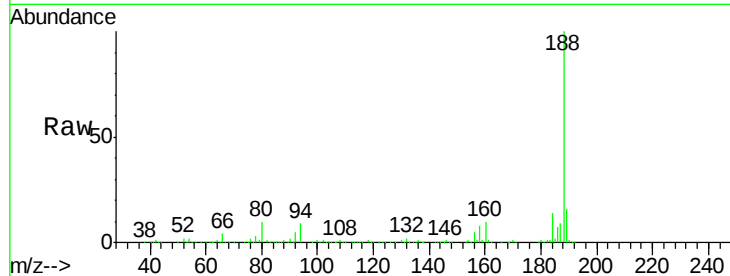




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119787.D
 Acq: 6 Apr 2020 23:04

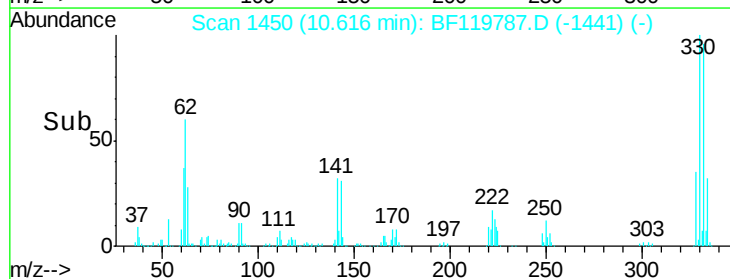
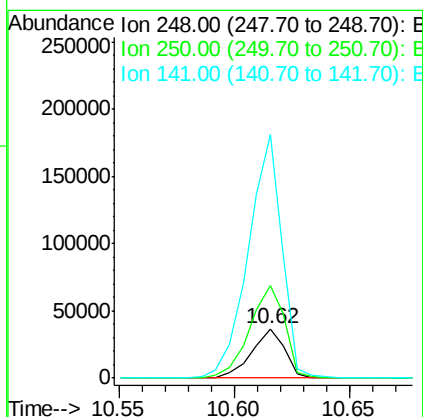
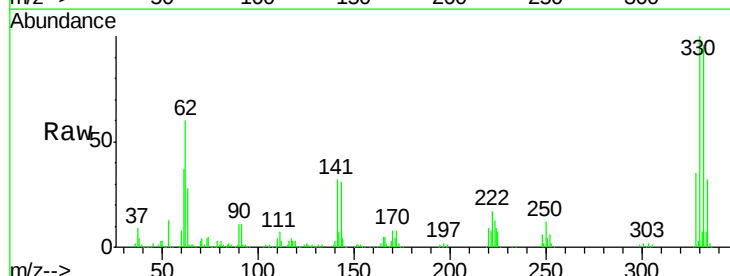
Instrument :
 BNA_F
 ClientSampled :
 TP-1

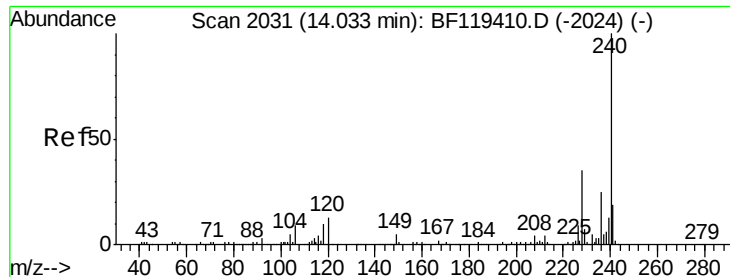
Tgt Ion:188 Resp: 652778
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.5 11.3
 80 10.1 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.91 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF119787.D
 Acq: 6 Apr 2020 23:04

Tgt Ion:248 Resp: 36522
 Ion Ratio Lower Upper
 248 100
 250 188.5 77.3 115.9#
 141 496.3 58.6 87.8#

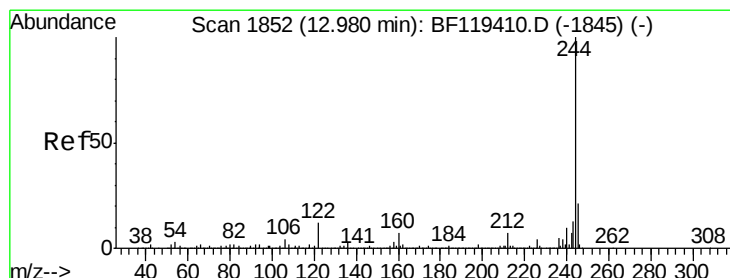
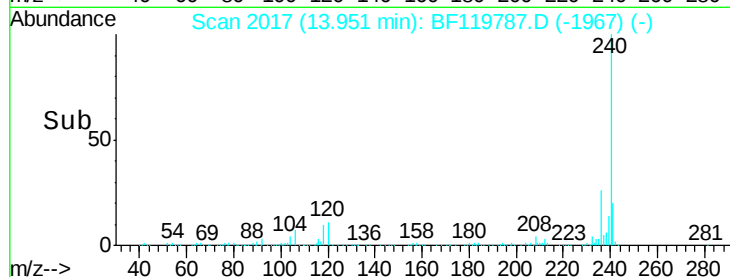
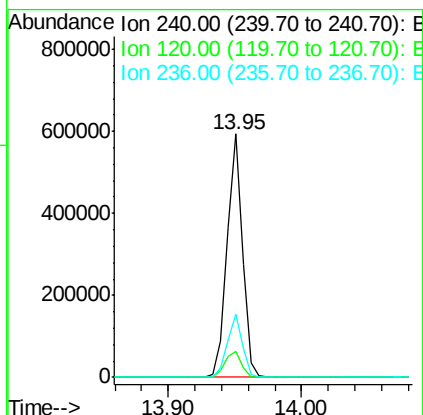
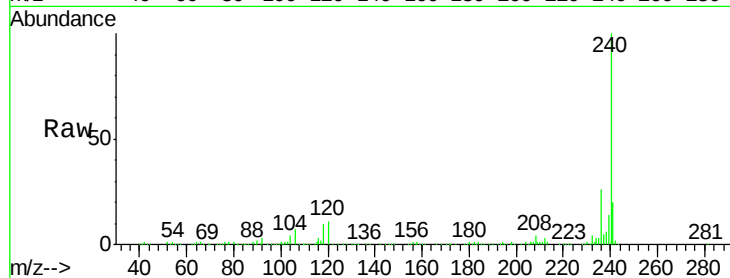




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119787.D
Acq: 6 Apr 2020 23:04

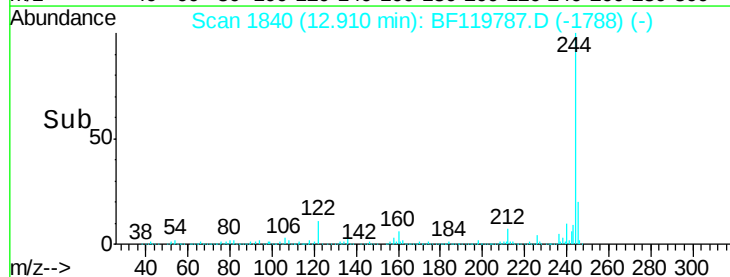
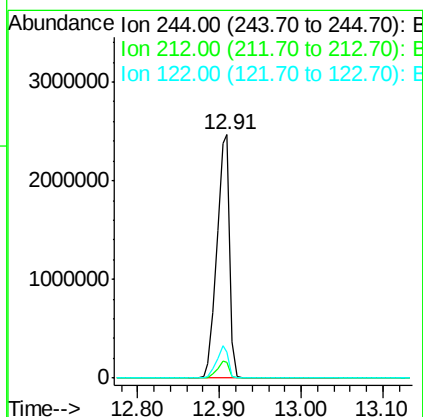
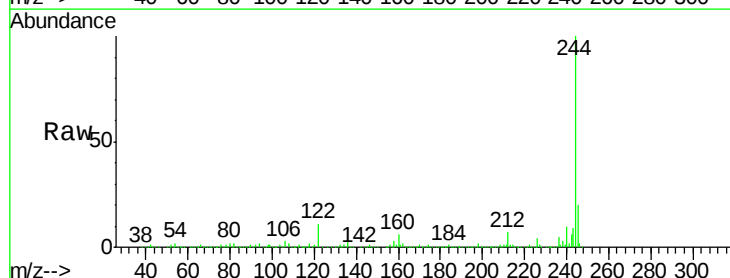
Instrument :
BNA_F
ClientSampleId :
TP-1

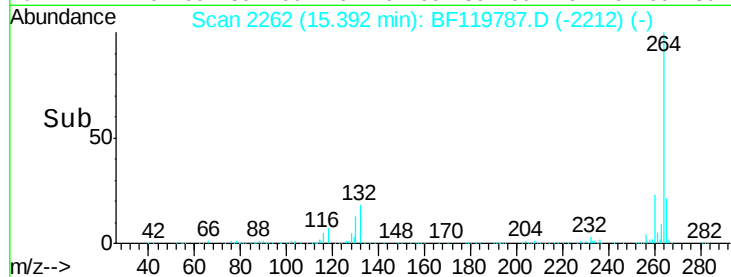
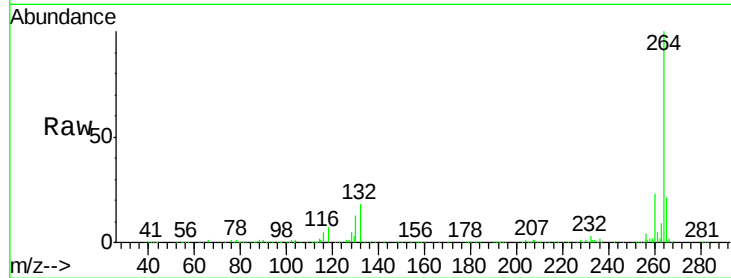
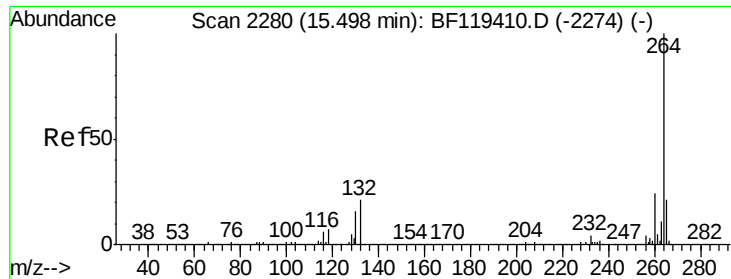
Tgt Ion:240 Resp: 487838
Ion Ratio Lower Upper
240 100
120 10.9 10.6 15.8
236 25.8 20.2 30.2



#79
Terphenyl-d14
Concen: 107.33 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF119787.D
Acq: 6 Apr 2020 23:04

Tgt Ion:244 Resp: 2672514
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.8
122 10.8 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: BF119787.D
Acq: 6 Apr 2020 23:04

Instrument :
BNA_F
ClientSampleId :
TP-1

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

