

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119596.D
 Acq On : 28 Mar 2020 5:07
 Operator : CG/JU
 Sample : L2043-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A

Quant Time: Mar 28 07:56:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

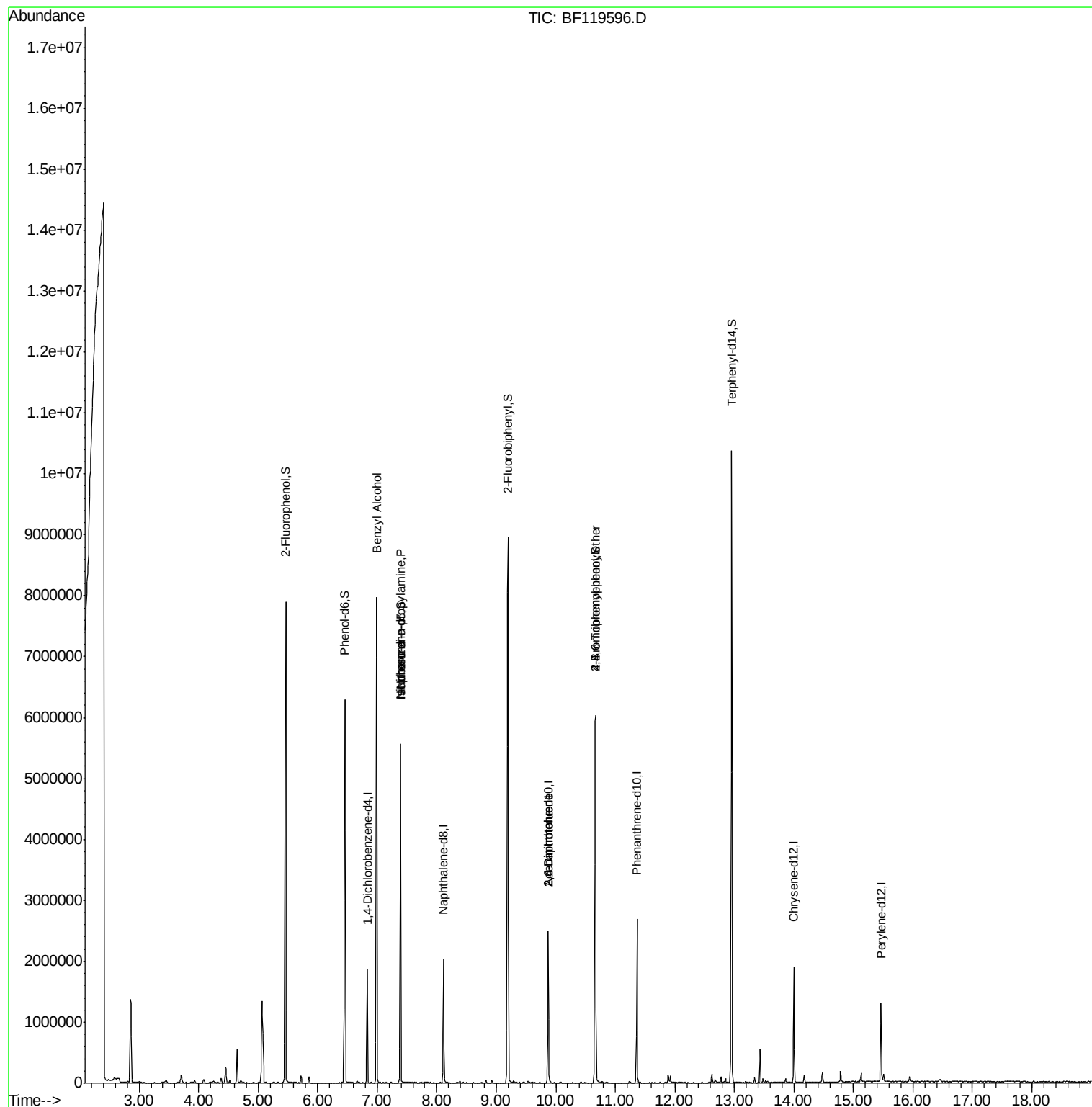
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	272501	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1002584	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	534917	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1015076	20.00	ng	0.00
76) Chrysene-d12	14.00	240	688585	20.00	ng	-0.01
87) Perylene-d12	15.46	264	592981	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2340886	136.75	ng	0.02
7) Phenol-d6	6.46	99	2438493	111.52	ng	0.00
23) Nitrobenzene-d5	7.39	82	1989176	107.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	895685	162.30	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3491171	96.69	ng	0.00
79) Terphenyl-d14	12.96	244	4165486	118.52	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.99	79	33543	2.04	ng	# 52
19) n-Nitroso-di-n-propylamine	7.39	70	268440	20.37	ng	# 76
25) Isophorone	7.39	82	1973348	52.73	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	66765	8.20	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	66765	6.51	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	52867	4.57	ng	# 1

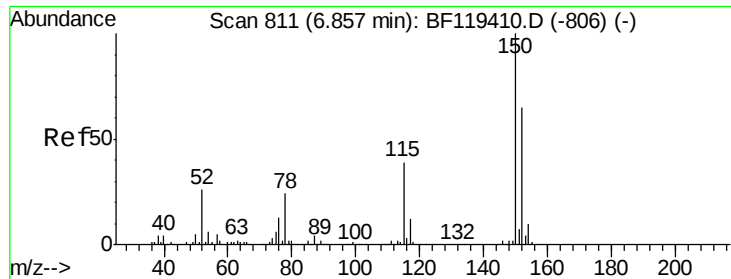
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
Data File : BF119596.D
Acq On : 28 Mar 2020 5:07
Operator : CG/JU
Sample : L2043-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1A

Quant Time: Mar 28 07:56:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration



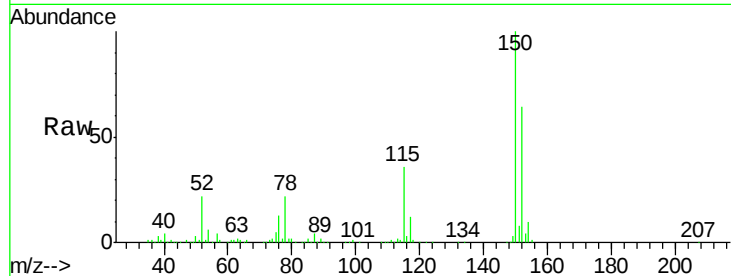


#1

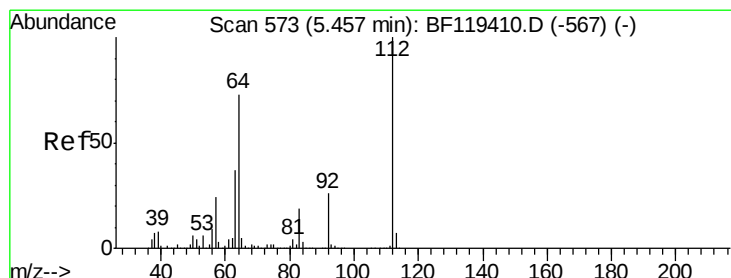
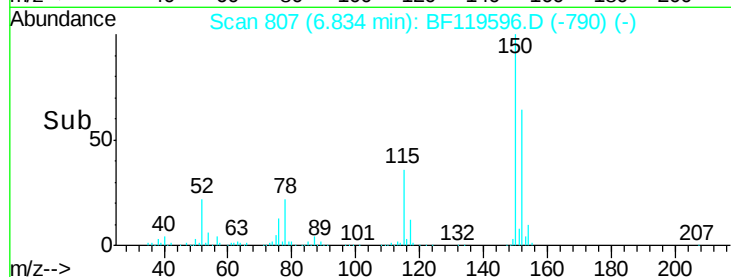
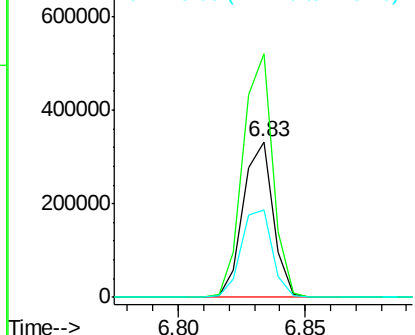
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119596.D
Acq: 28 Mar 2020 5:07

Instrument :
BNA_F
ClientSampleId :
TP-1A

Tgt Ion:152 Resp: 272501
Ion Ratio Lower Upper
152 100
150 156.6 124.5 186.7
115 56.5 49.6 74.4



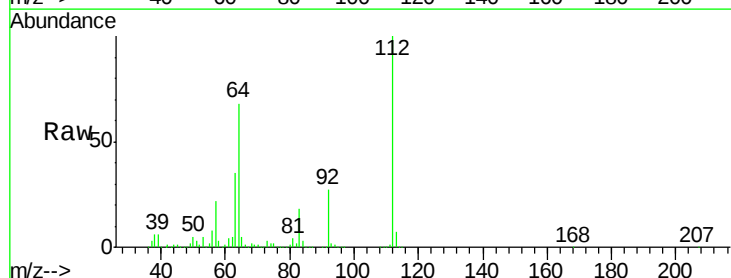
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



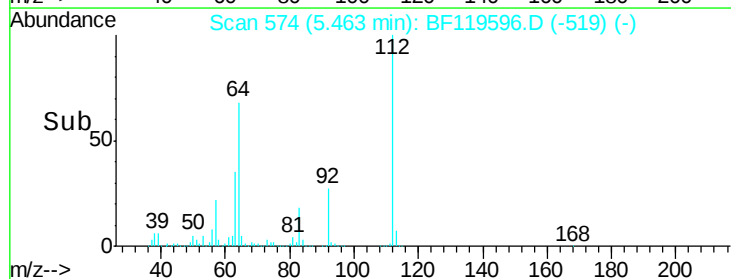
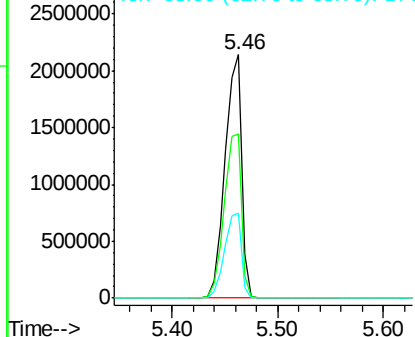
#5

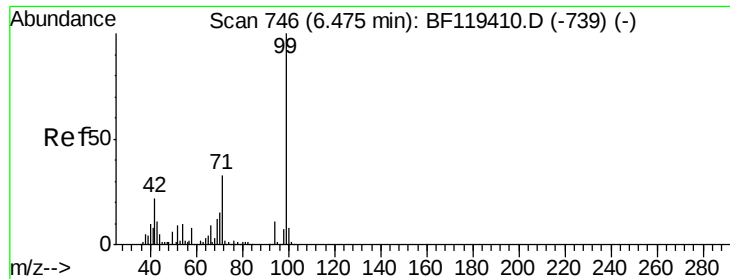
2-Fluorophenol
Concen: 136.75 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF119596.D
Acq: 28 Mar 2020 5:07

Tgt Ion:112 Resp: 2340886
Ion Ratio Lower Upper
112 100
64 67.6 56.7 85.1
63 35.1 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: 111.52 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119596.D

Acq: 28 Mar 2020 5:07

Instrument :

BNA_F

ClientSampled :

TP-1A

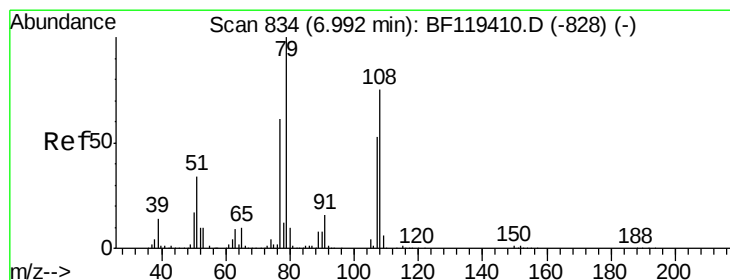
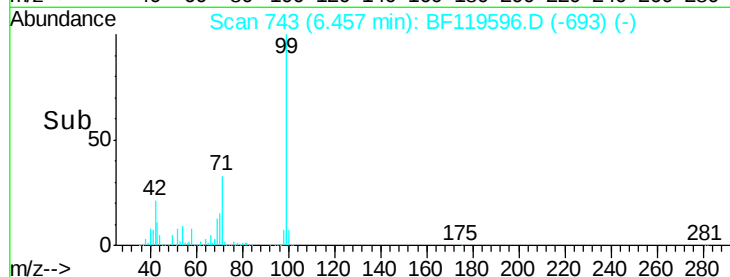
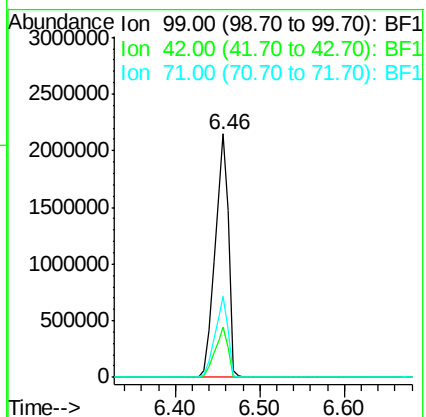
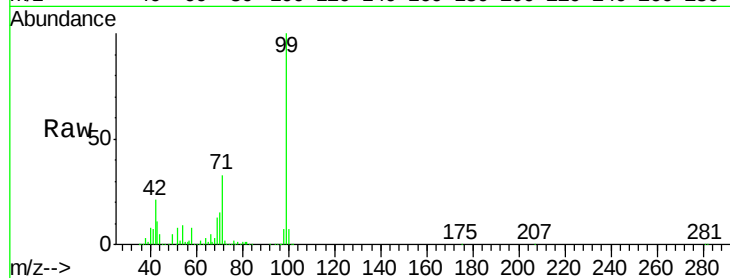
Tgt Ion: 99 Resp: 2438493

Ion Ratio Lower Upper

99 100

42 20.6 16.6 24.8

71 33.1 26.4 39.6



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF119596.D

Acq: 28 Mar 2020 5:07

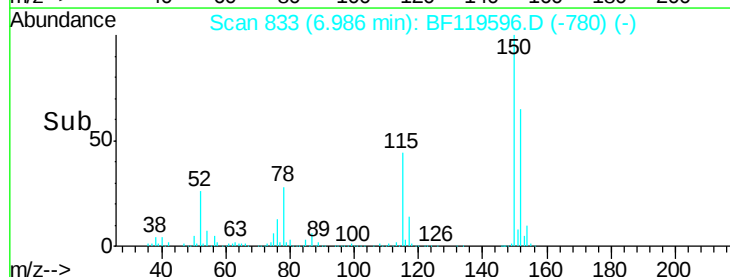
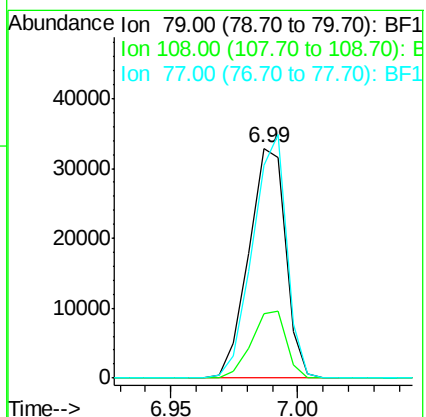
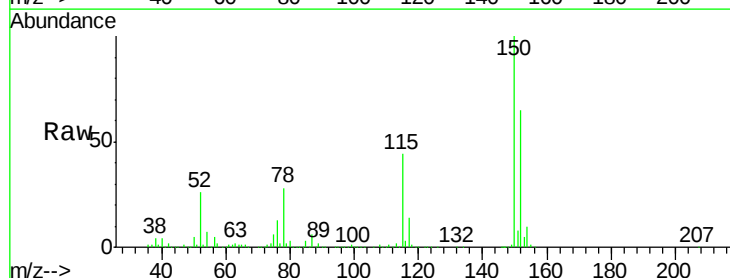
Tgt Ion: 79 Resp: 33543

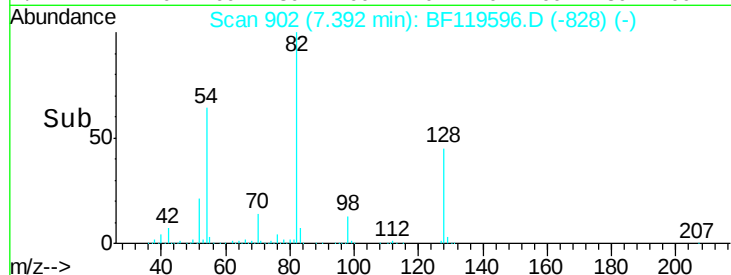
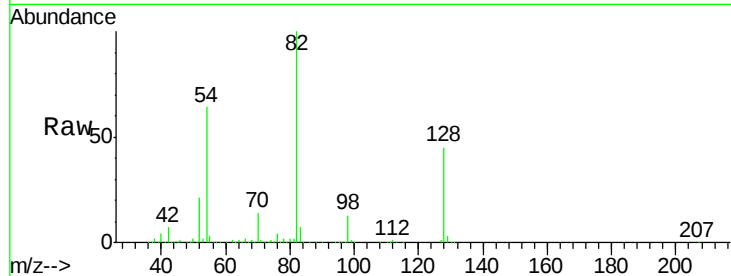
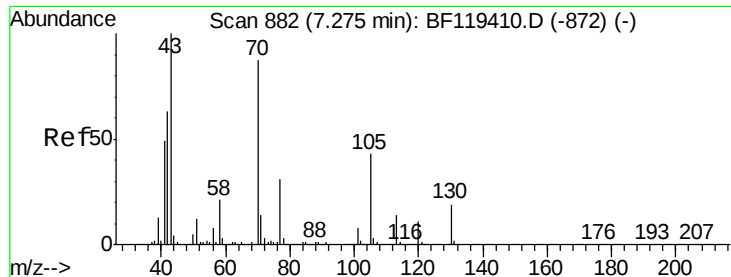
Ion Ratio Lower Upper

79 100

108 27.8 60.6 90.8#

77 92.4 50.2 75.2#

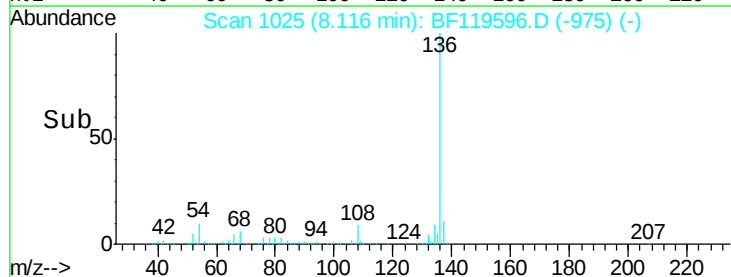
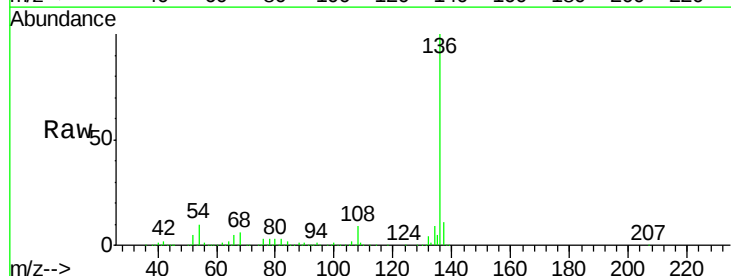
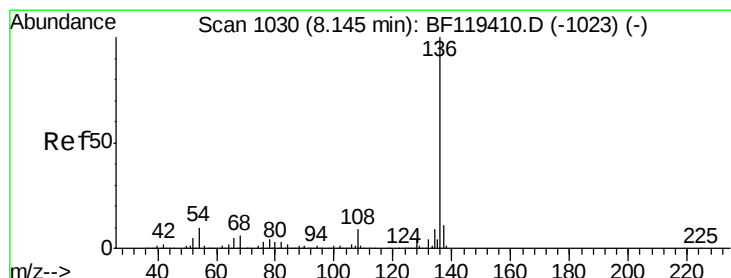
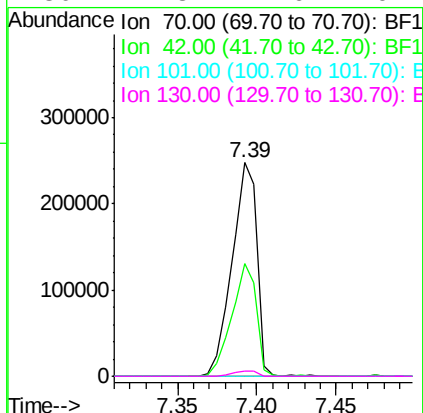




#19
n-Nitroso-di-n-propylamine
Concen: 20.37 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.14 min
Lab File: BF119596.D
Acq: 28 Mar 2020 5:07

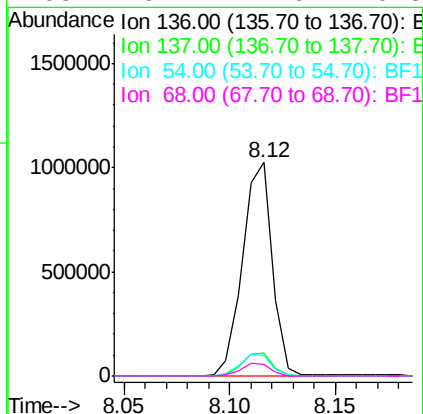
Instrument :
BNA_F
ClientSampleId :
TP-1A

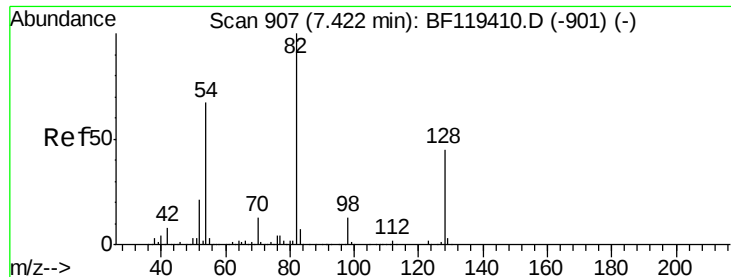
Tgt Ion:	70	Resp:	268440
Ion	Ratio	Lower	Upper
70	100		
42	52.9	54.5	81.7#
101	0.0	7.6	11.4#
130	2.3	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119596.D
Acq: 28 Mar 2020 5:07

Tgt Ion:	136	Resp:	1002584
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.8	9.1	13.7
68	5.7	4.6	6.8

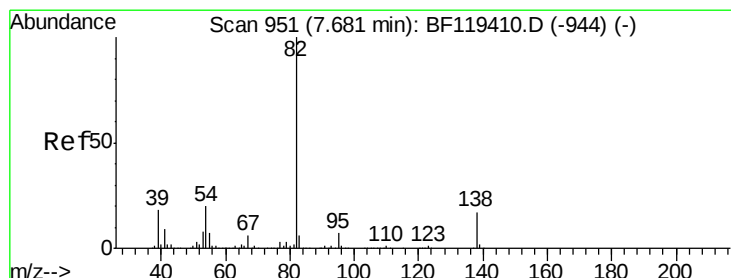
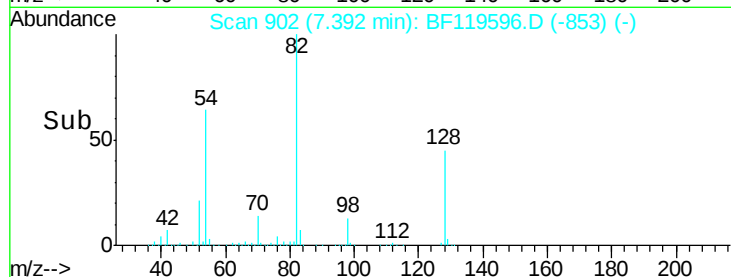
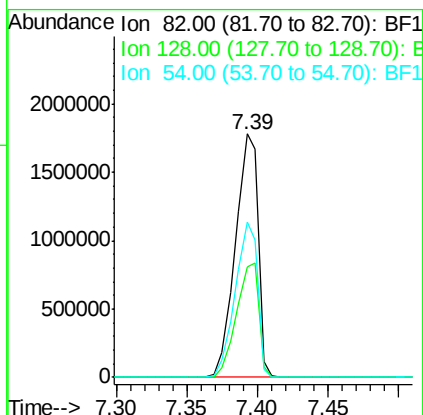
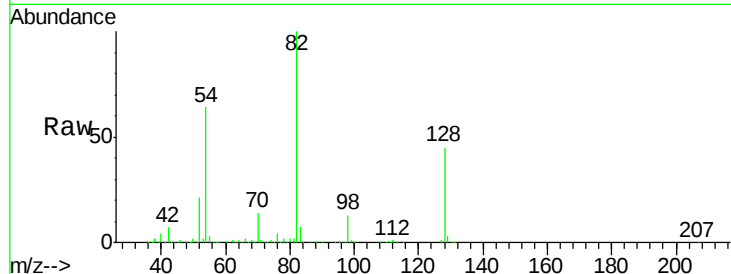




#23
Nitrobenzene-d5
Concen: 107.83 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119596.D
Acq: 28 Mar 2020 5:07

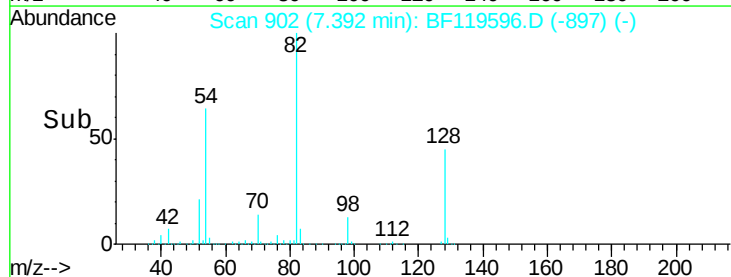
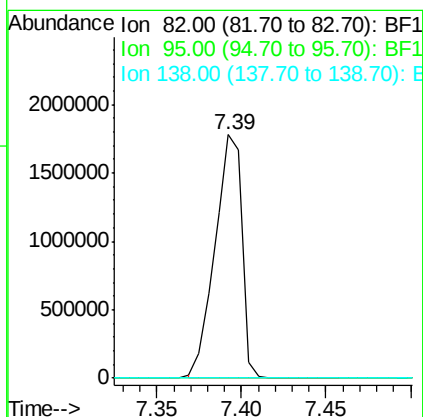
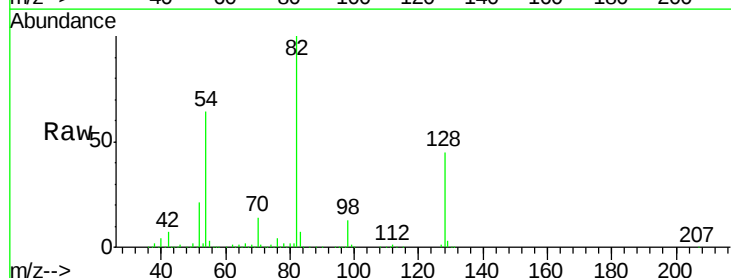
Instrument :
BNA_F
ClientSampleId :
TP-1A

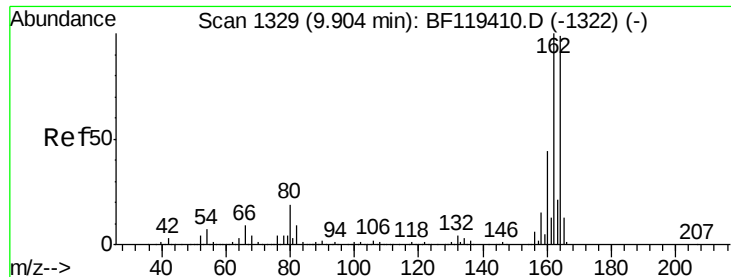
Tgt Ion: 82 Resp: 1989176
Ion Ratio Lower Upper
82 100
128 45.2 36.3 54.5
54 63.7 50.6 75.8



#25
Isophorone
Concen: 52.73 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.27 min
Lab File: BF119596.D
Acq: 28 Mar 2020 5:07

Tgt Ion: 82 Resp: 1973348
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

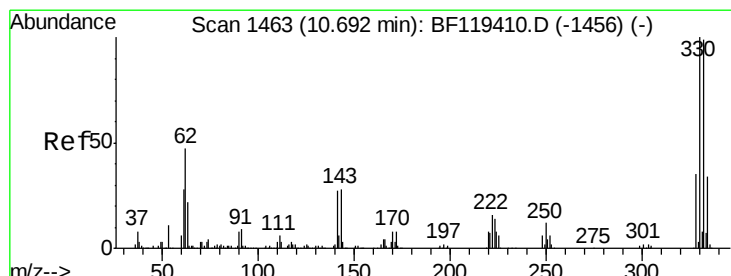
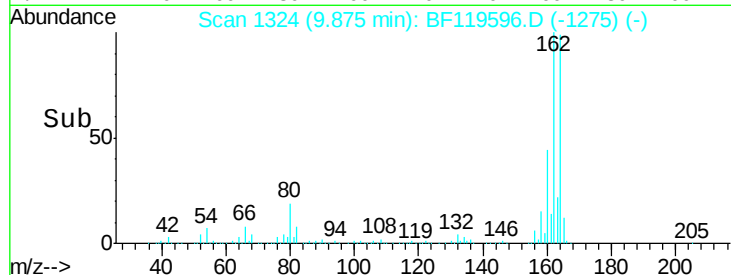
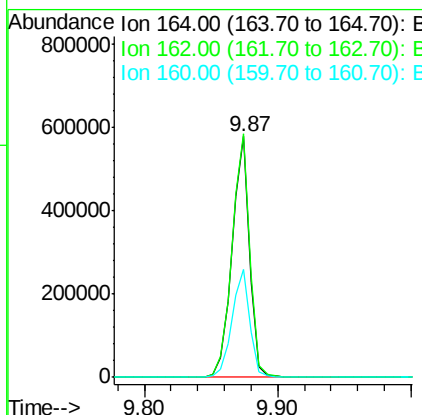
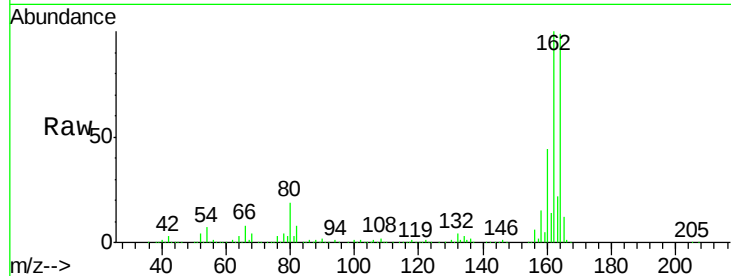




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119596.D
Acq: 28 Mar 2020 5:07

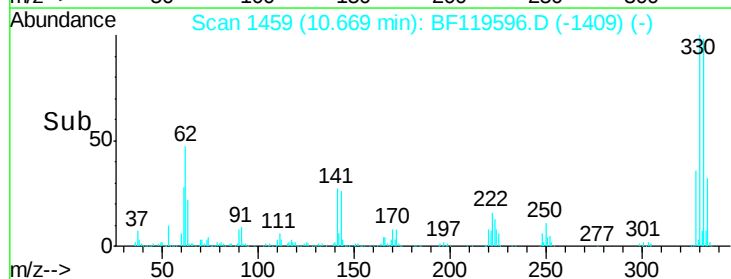
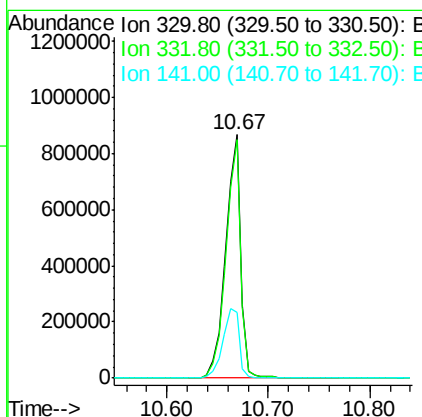
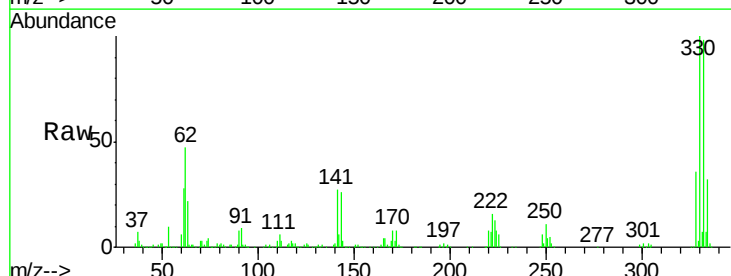
Instrument :
BNA_F
ClientSampleId :
TP-1A

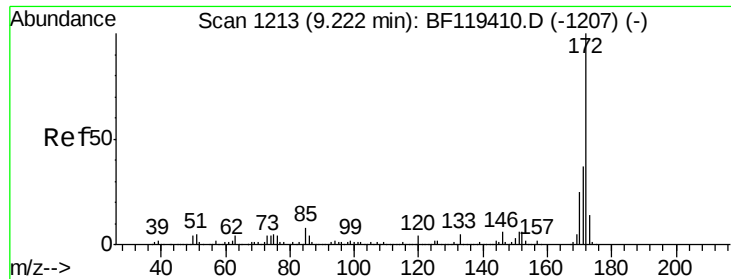
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	121.0
160	44.7	35.7	53.5



#42
2,4,6-Tribromophenol
Concen: 162.30 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF119596.D
Acq: 28 Mar 2020 5:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.7	113.5
141	31.5	25.4	38.0

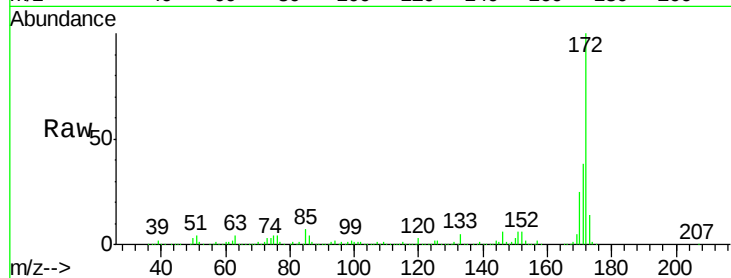




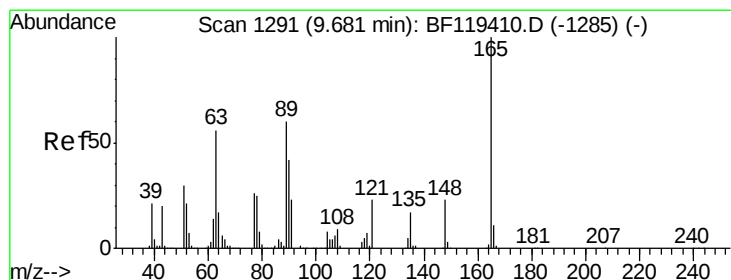
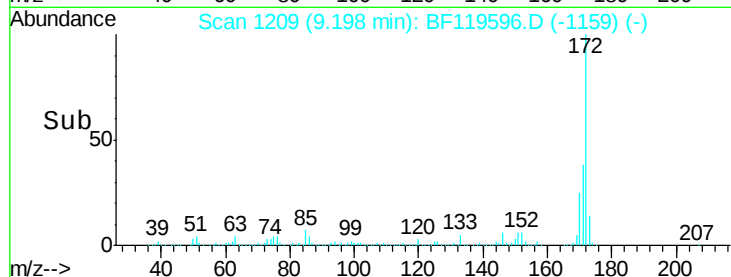
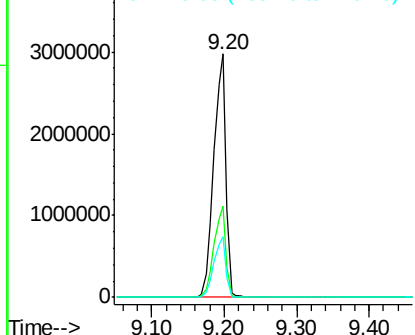
#45
2-Fluorobiphenyl
Concen: 96.69 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119596.D
Acq: 28 Mar 2020 5:07

Instrument :
BNA_F
ClientSampleId :
TP-1A

Tgt Ion:172 Resp: 3491171
Ion Ratio Lower Upper
172 100
171 37.6 29.6 44.4
170 24.9 20.2 30.2

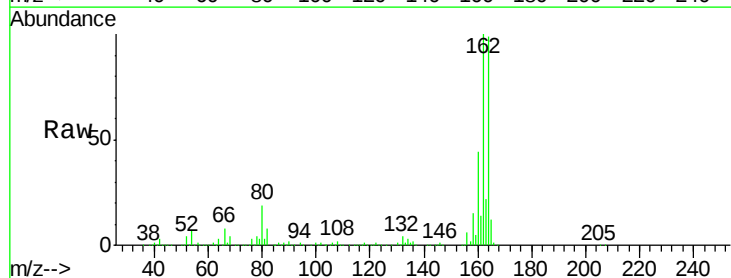


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

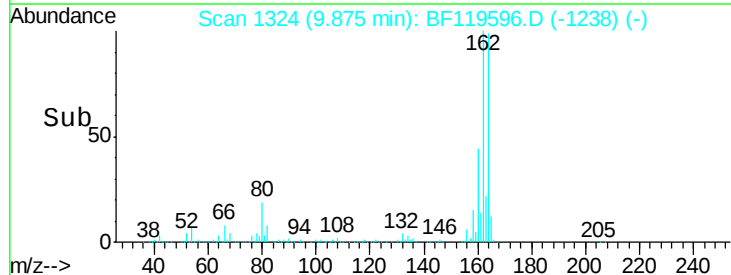
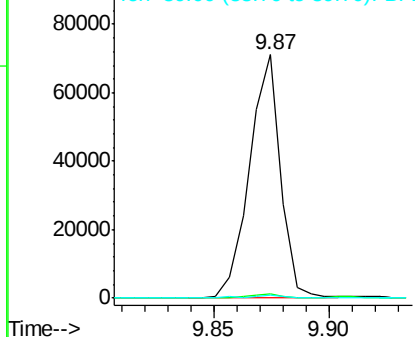


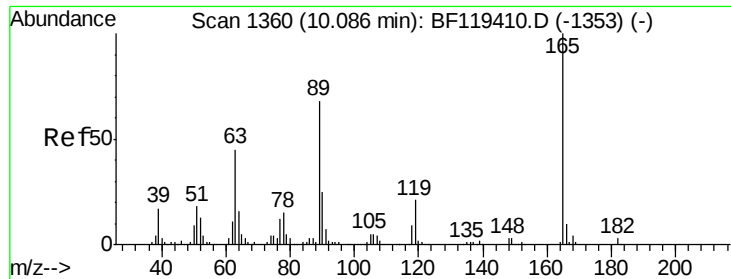
#51
2,6-Dinitrotoluene
Concen: 8.20 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF119596.D
Acq: 28 Mar 2020 5:07

Tgt Ion:165 Resp: 66765
Ion Ratio Lower Upper
165 100
63 1.5 45.0 67.4#
89 1.0 41.5 62.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

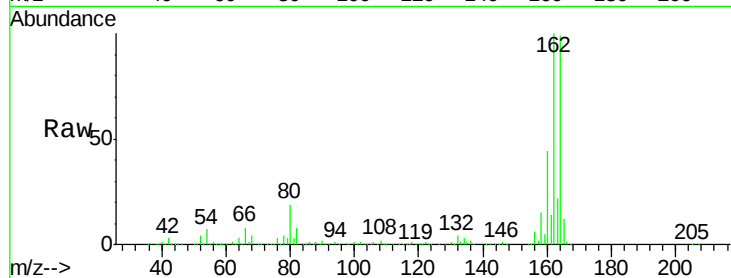




#57
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119596.D
 Acq: 28 Mar 2020 5:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	1.0	61.0	91.4#
182	0.0	2.2	3.2#

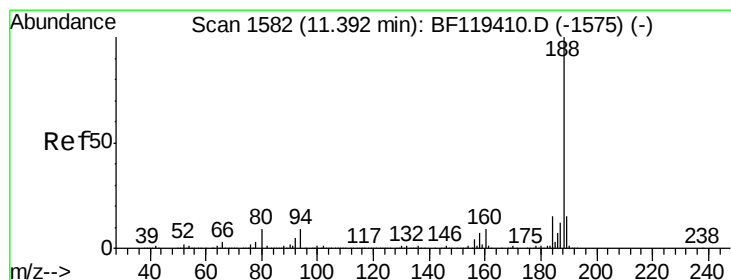
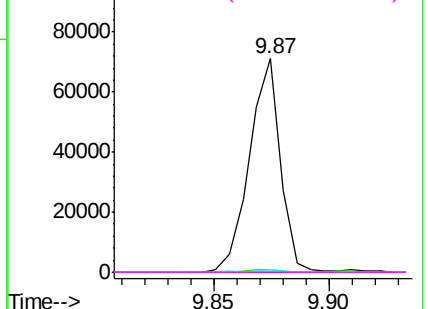
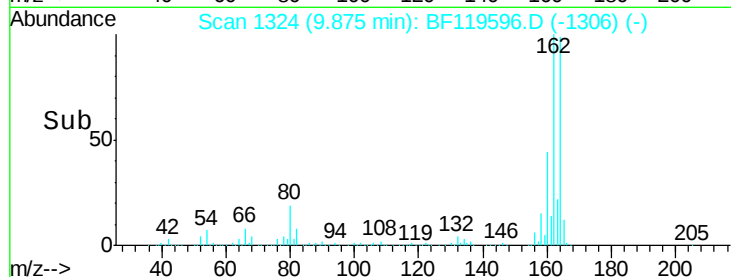


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

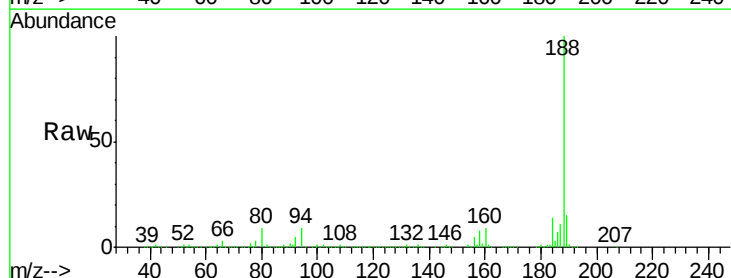
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF119596.D
 Acq: 28 Mar 2020 5:07

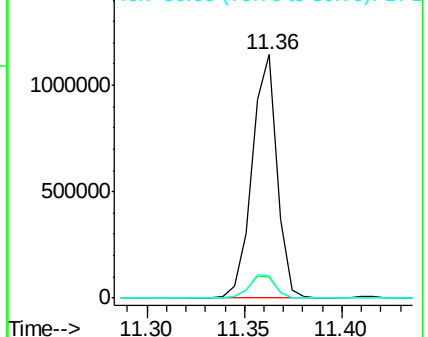
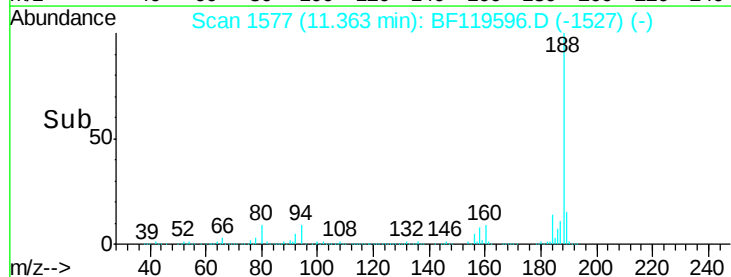
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.5	11.3
80	9.0	9.0	13.4

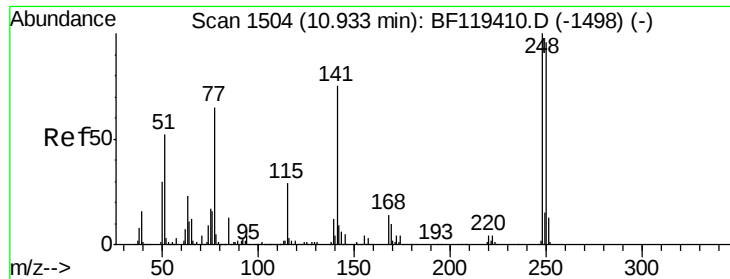


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

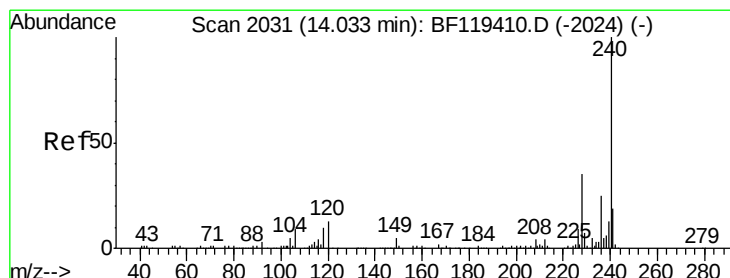
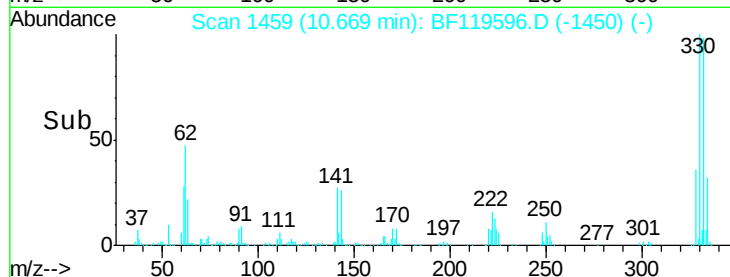
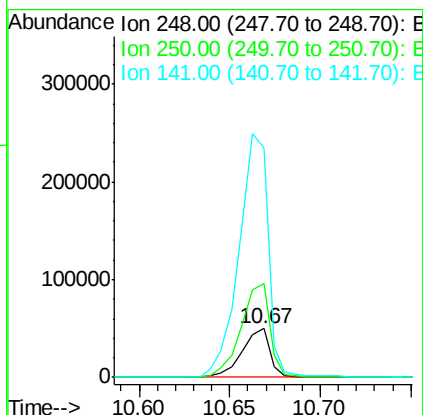
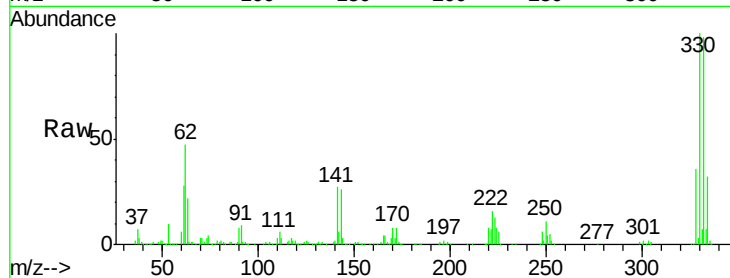




#67
4-Bromophenyl-phenylether
Concen: 4.57 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF119596.D
Acq: 28 Mar 2020 5:07

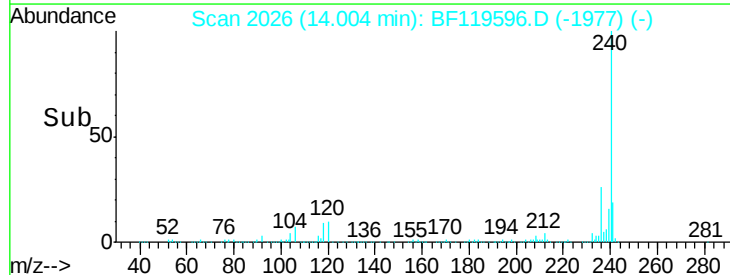
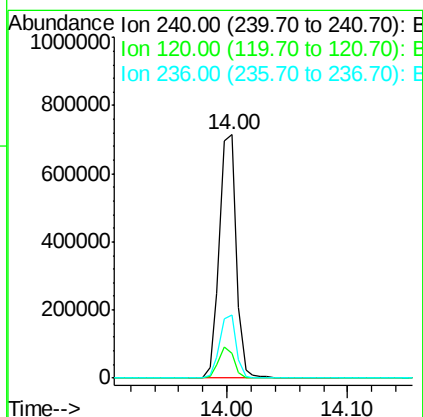
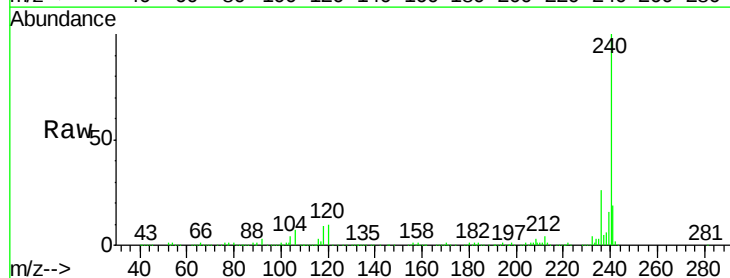
Instrument :
BNA_F
ClientSampleId :
TP-1A

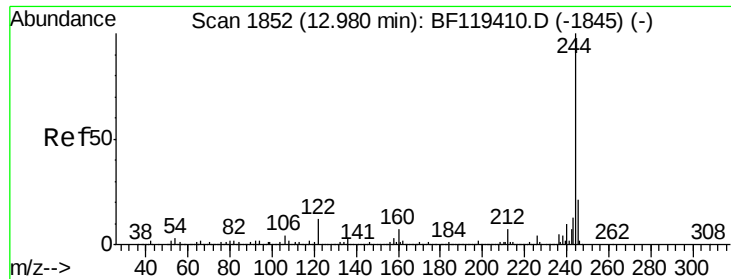
Tgt Ion:248 Resp: 52867
Ion Ratio Lower Upper
248 100
250 193.9 77.3 115.9#
141 470.1 58.6 87.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119596.D
Acq: 28 Mar 2020 5:07

Tgt Ion:240 Resp: 688585
Ion Ratio Lower Upper
240 100
120 10.3 10.6 15.8#
236 25.7 20.2 30.2





#79

Terphenyl-d14

Concen: 118.52 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119596.D

Acq: 28 Mar 2020 5:07

Instrument :

BNA_F

ClientSampleId :

TP-1A

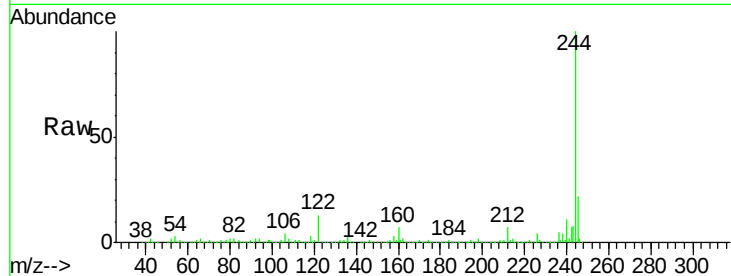
Tgt Ion:244 Resp: 4165486

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

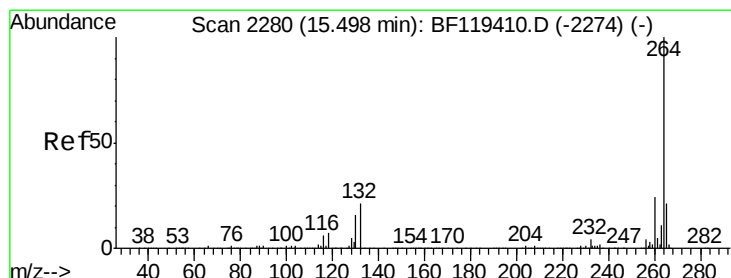
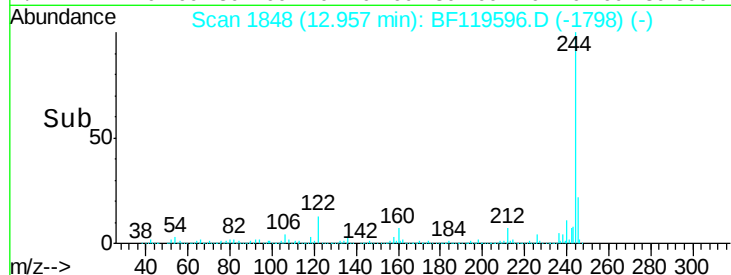
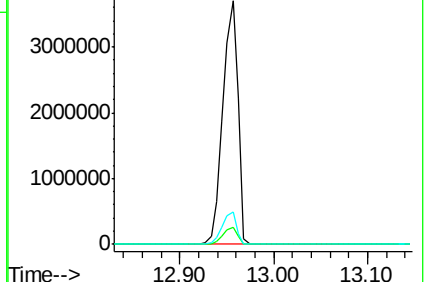
122 13.3 10.3 15.5



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: 20.00 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF119596.D

Acq: 28 Mar 2020 5:07

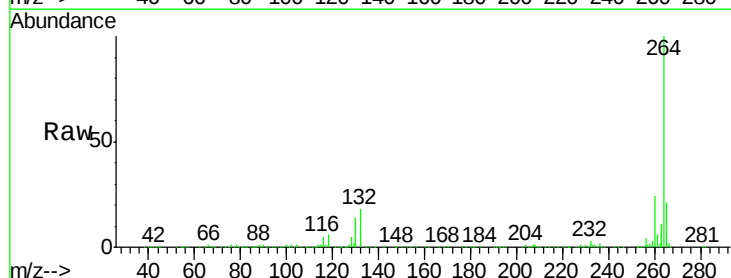
Tgt Ion:264 Resp: 592981

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.4 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

