

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119603.D
 Acq On : 28 Mar 2020 8:15
 Operator : CG/JU
 Sample : L2043-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 09:33:39 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

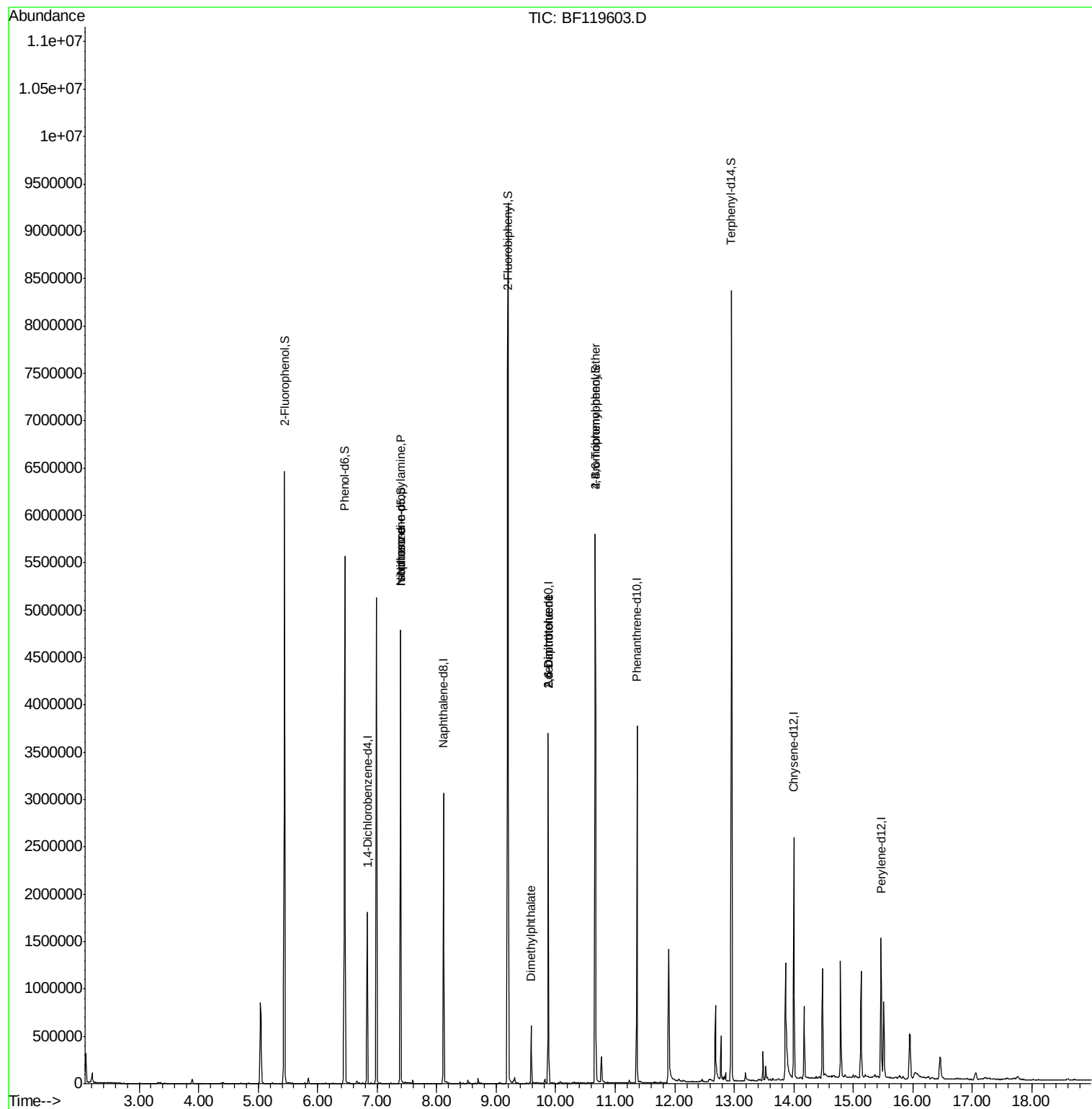
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	274548	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1260353	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	694857	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1279198	20.00	ng	0.00
76) Chrysene-d12	14.00	240	862564	20.00	ng	-0.01
87) Perylene-d12	15.47	264	720723	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1676462	97.21	ng	0.00
7) Phenol-d6	6.46	99	2066126	93.78	ng	0.00
23) Nitrobenzene-d5	7.39	82	1588591	68.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	712219	99.35	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	3018536	64.36	ng	0.00
79) Terphenyl-d14	12.96	244	3273350	74.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	209413	15.770	ng	# 76
25) Isophorone	7.39	82	1575111	33.483	ng	# 65
50) Dimethylphthalate	9.59	163	218797	4.433	ng	# 99
51) 2,6-Dinitrotoluene	9.87	165	89864	8.494	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	89864	6.743	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	43008	2.952	ng	# 1

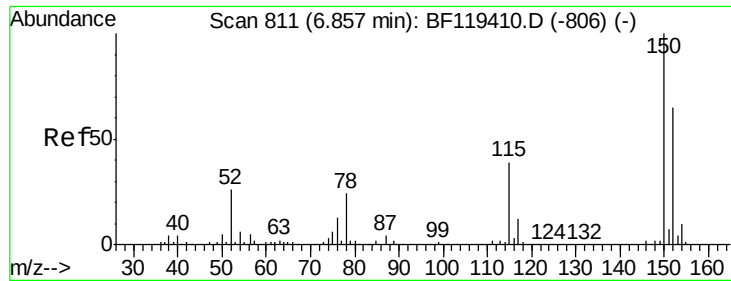
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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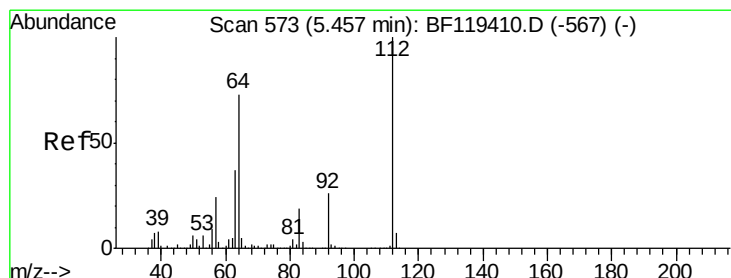
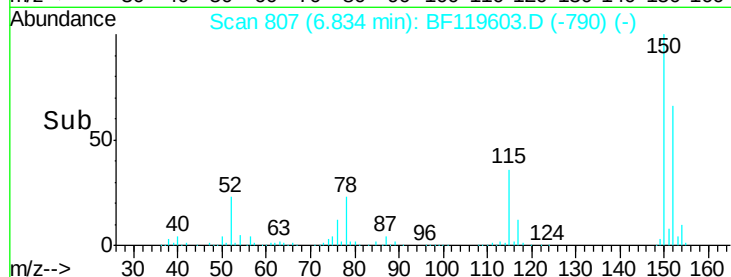
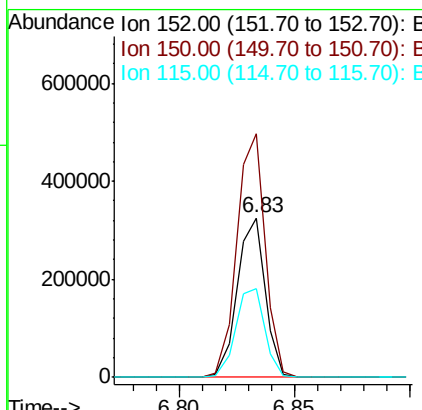
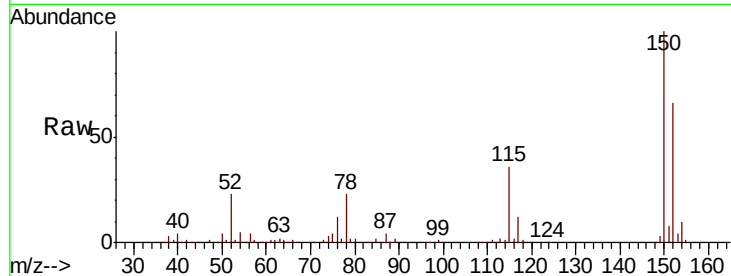


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF119603.D
Acq: 28 Mar 2020 8:15

Instrument :
BNA_F
ClientSampleId :

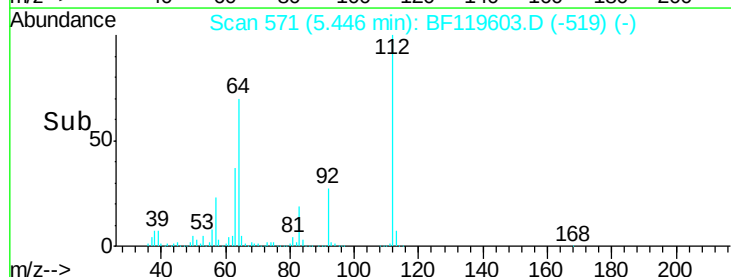
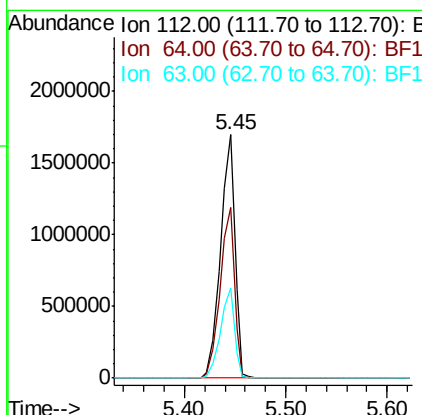
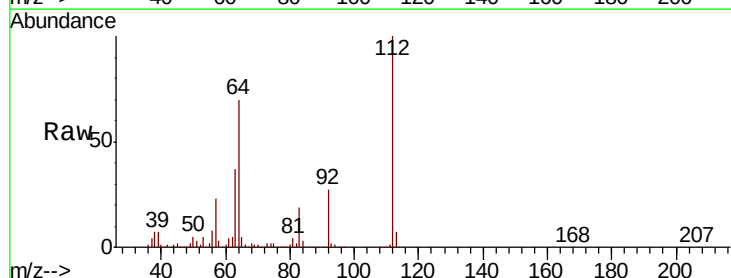
Tot Ion:152 Resp: 274548
Ion Ratio Lower Upper
152 100
150 152.5 124.5 186.7
115 55.2 49.6 74.4

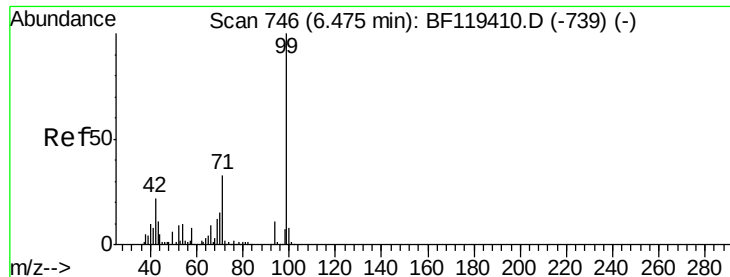


#5

2-Fluorophenol
Concen: 97.206 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119603.D
Acq: 28 Mar 2020 8:15

Tgt Ion:112 Resp: 1676462
Ion Ratio Lower Upper
112 100
64 70.4 56.7 85.1
63 37.1 29.5 44.3





#7

Phenol-d6

Concen: 93.782 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119603.D

Acq: 28 Mar 2020 8:15

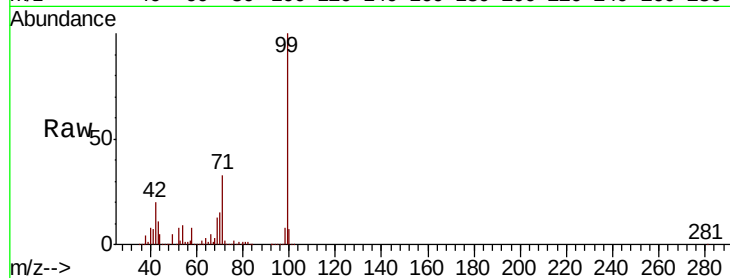
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2066126

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.6	24.8
71	33.0	26.4	39.6

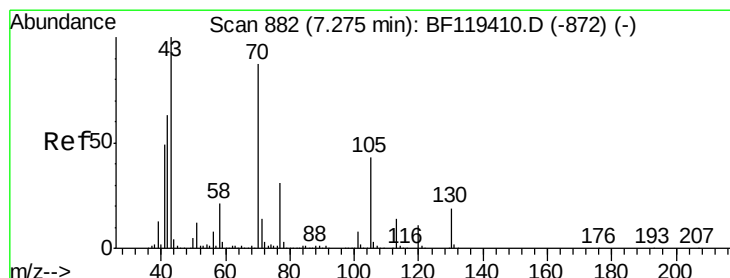
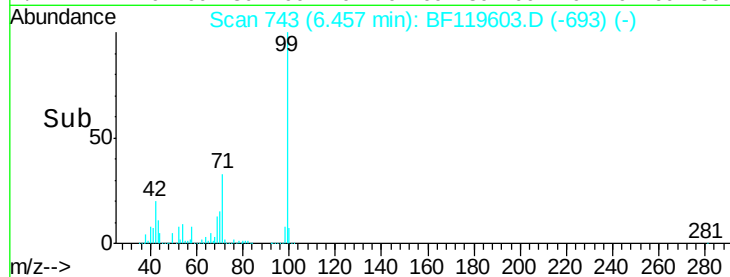


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.770 ng

RT: 7.39 min Scan# 902

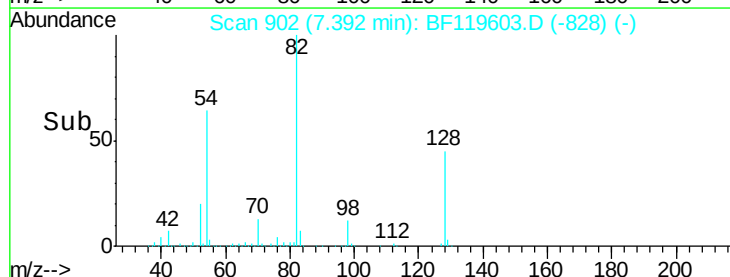
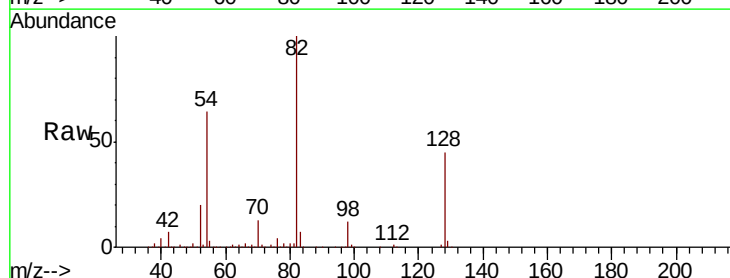
Delta R.T. 0.14 min

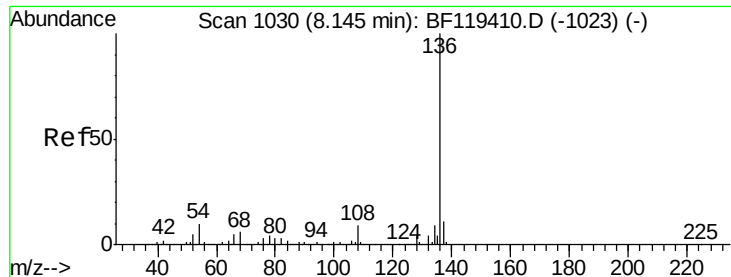
Lab File: BF119603.D

Acq: 28 Mar 2020 8:15

Tgt Ion: 70 Resp: 209413

Ion	Ratio	Lower	Upper
70	100		
42	53.8	54.5	81.7#
101	0.0	7.6	11.4#
130	2.5	17.6	26.4#

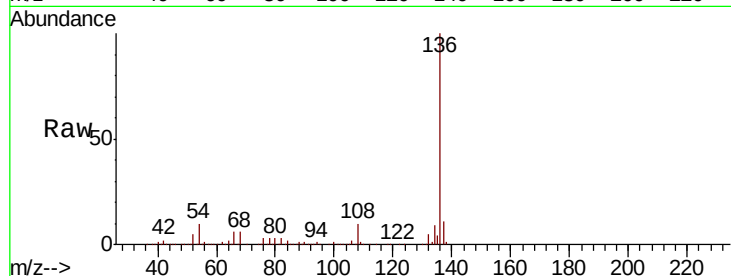




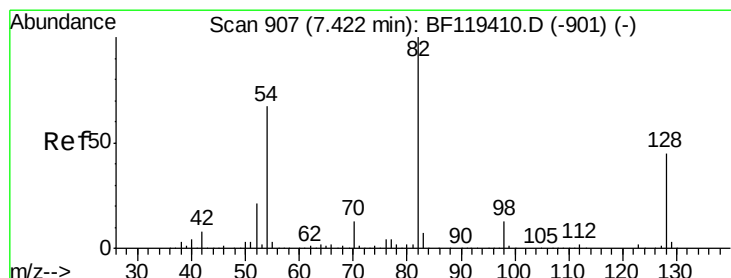
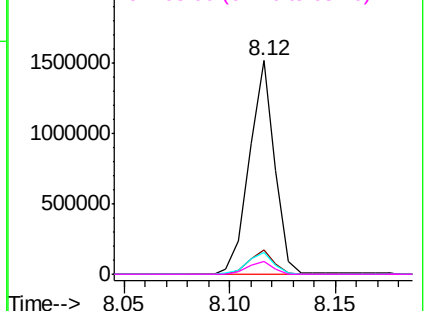
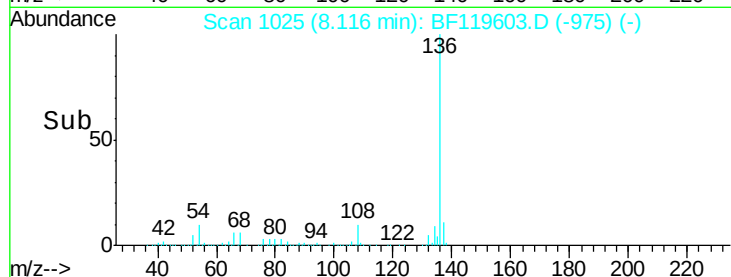
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119603.D
Acq: 28 Mar 2020 8:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1260353
Ion Ratio	Lower Upper
136 100	
137 11.1	8.7 13.1
54 10.4	9.1 13.7
68 5.8	4.6 6.8

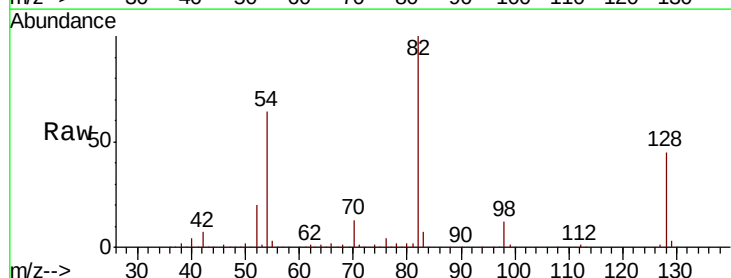


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

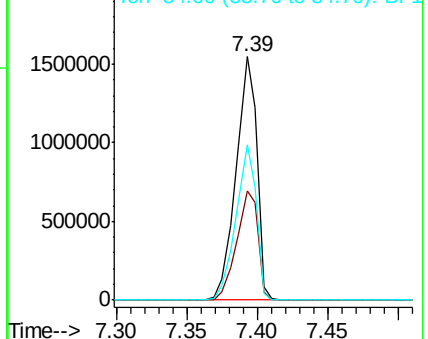
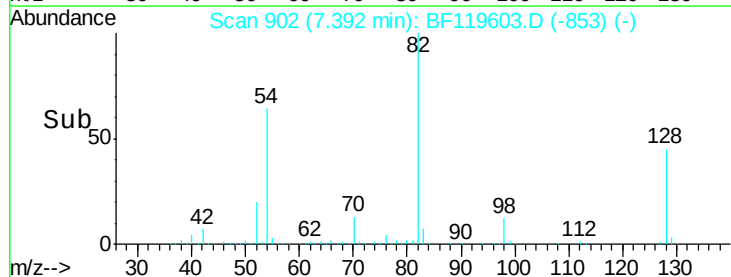


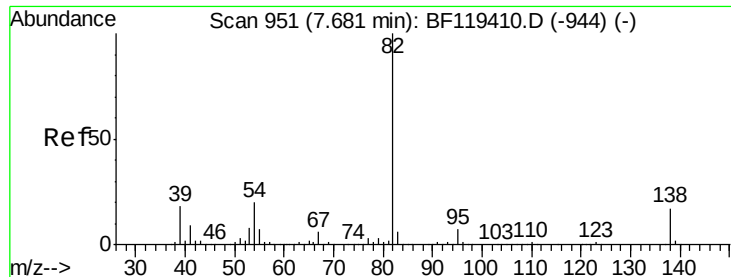
#23
Nitrobenzene-d5
Concen: 68.502 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119603.D
Acq: 28 Mar 2020 8:15

Tgt Ion: 82	Resp: 1588591
Ion Ratio	Lower Upper
82 100	
128 45.1	36.3 54.5
54 63.8	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

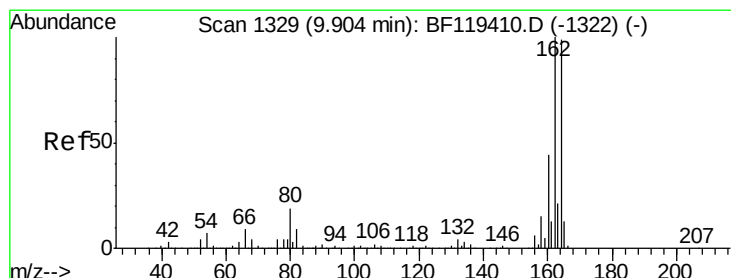
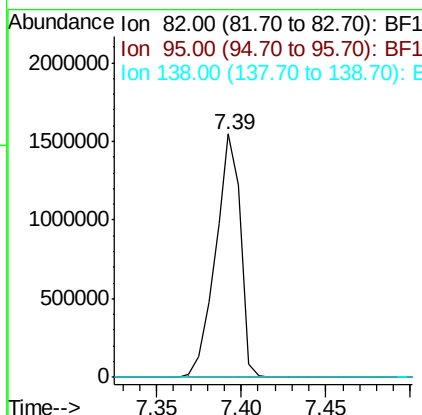
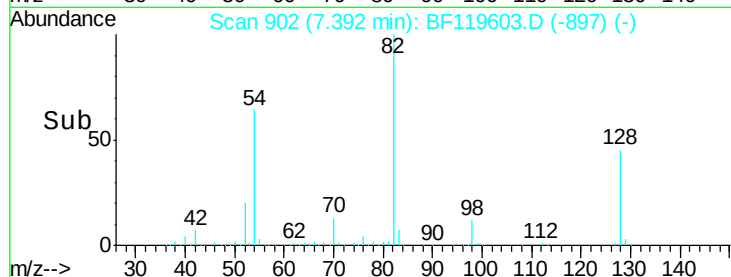
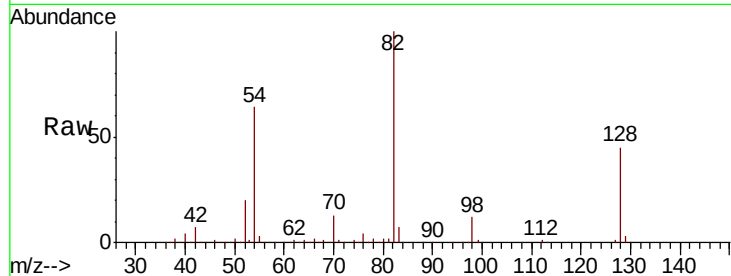




#25
Isophorone
Concen: 33.483 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.27 min
Lab File: BF119603.D
Acq: 28 Mar 2020 8:15

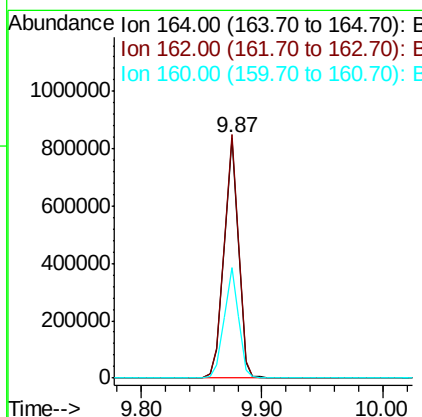
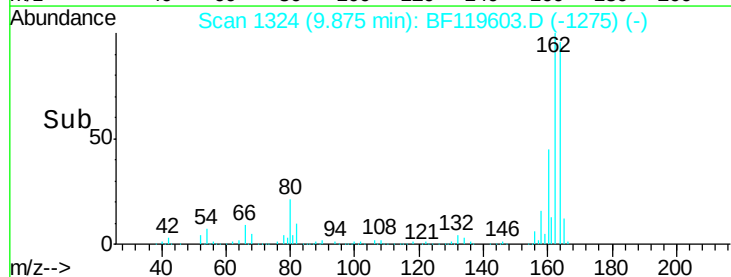
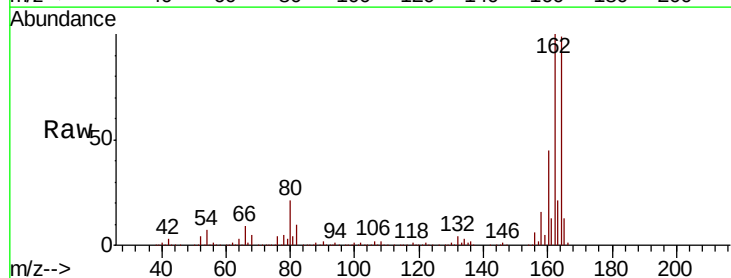
Instrument :
BNA_F
ClientSampleId :

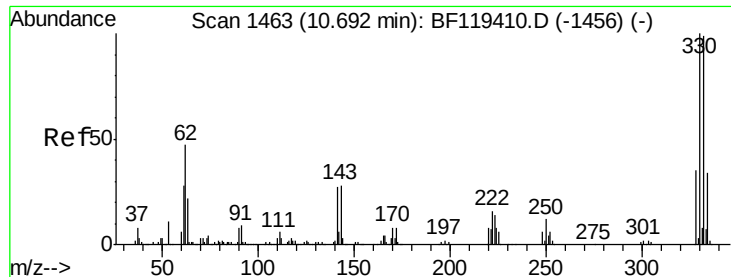
Tot Ion: 82 Resp: 1575111
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119603.D
Acq: 28 Mar 2020 8:15

Tgt Ion:164 Resp: 694857
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 45.8 35.7 53.5

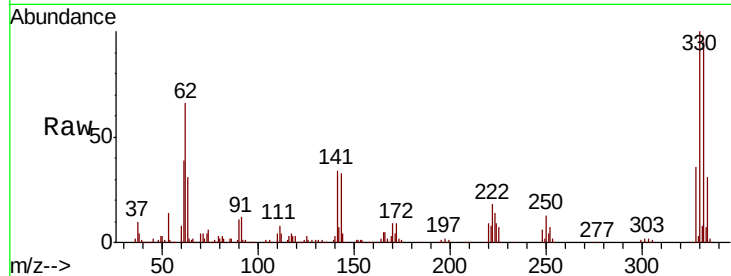




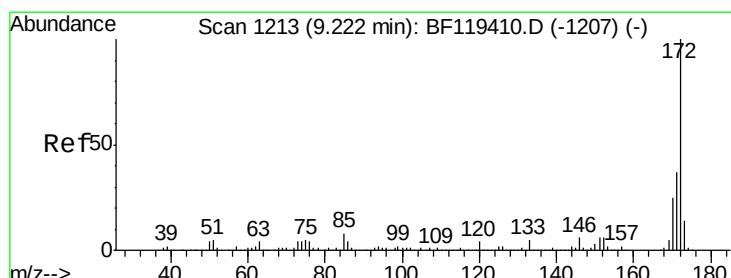
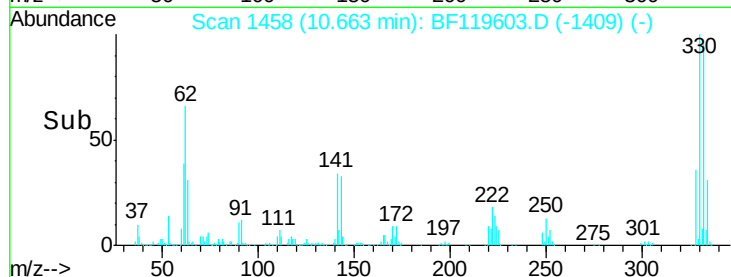
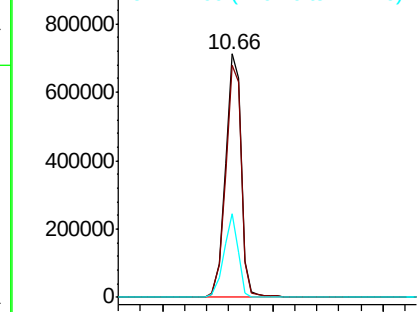
#42
 2,4,6-Tribromophenol
 Concen: 99.353 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119603.D
 Acq: 28 Mar 2020 8:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.7	113.5
141	31.2	25.4	38.0

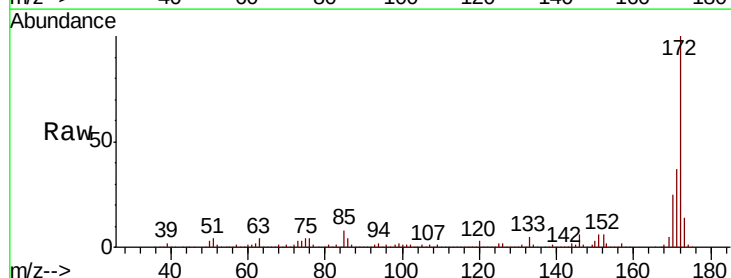


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

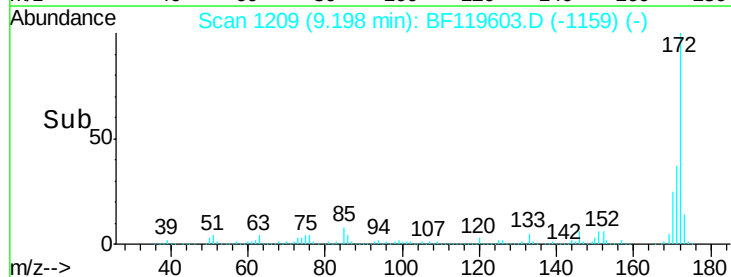
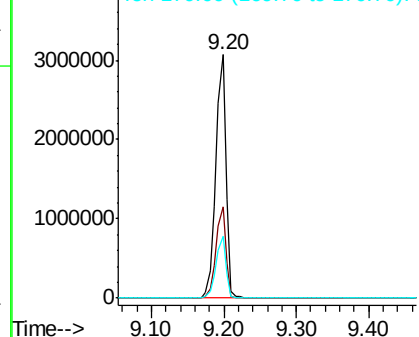


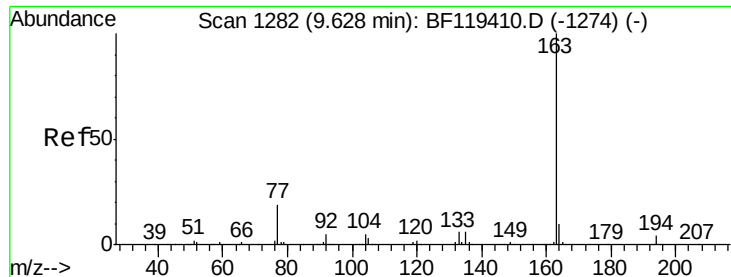
#45
 2-Fluorobiphenyl
 Concen: 64.357 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119603.D
 Acq: 28 Mar 2020 8:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.6	44.4
170	25.3	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

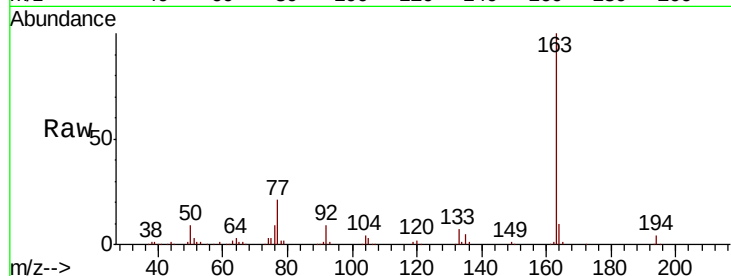




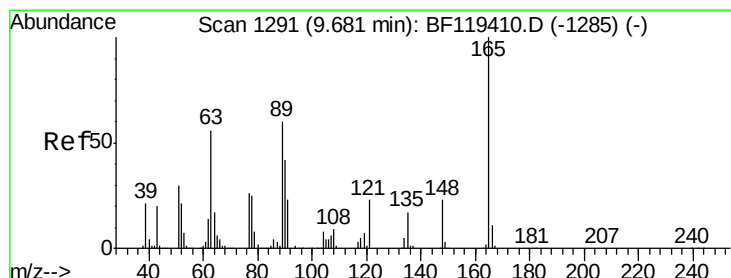
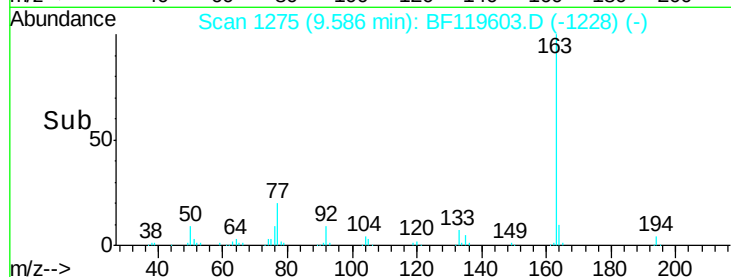
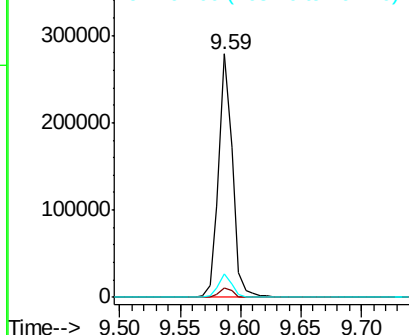
#50
Dimethylphthalate
Concen: 4.433 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119603.D
Acq: 28 Mar 2020 8:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163	Resp:	218797
Ion Ratio	Lower	Upper
163	100	
194	3.7	3.1 4.7
164	9.6	8.2 12.2

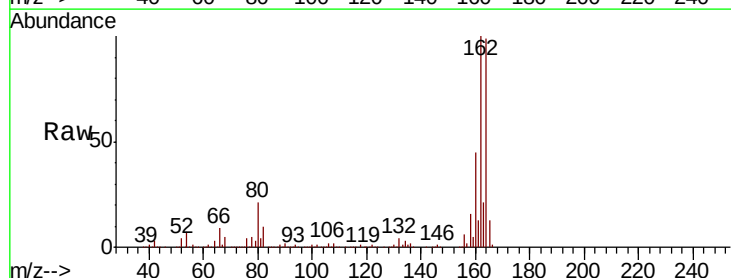


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

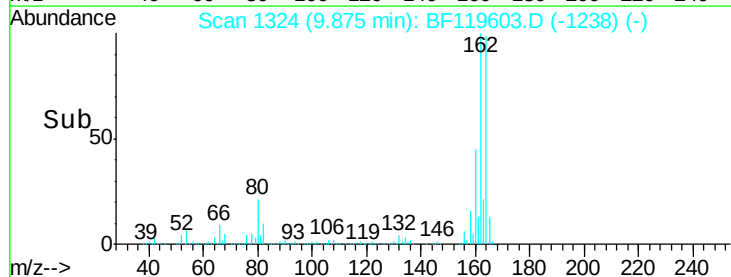
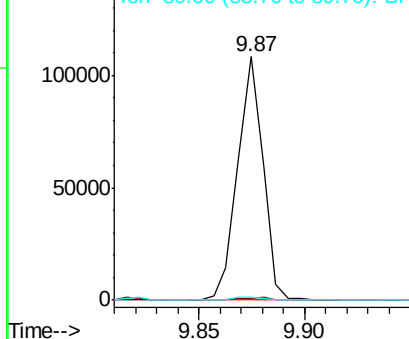


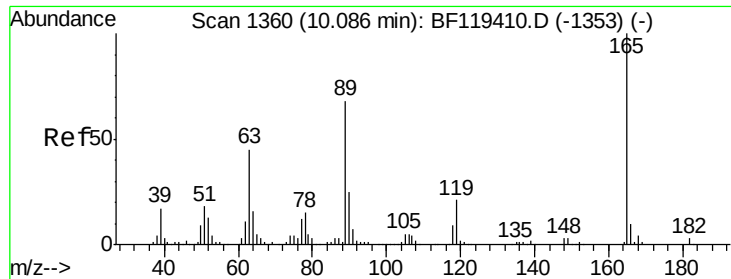
#51
2,6-Dinitrotoluene
Concen: 8.494 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF119603.D
Acq: 28 Mar 2020 8:15

Tgt Ion:165	Resp:	89864
Ion Ratio	Lower	Upper
165	100	
63	0.9	45.0 67.4#
89	1.3	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

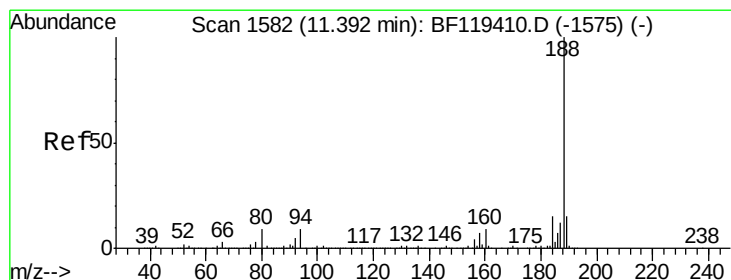
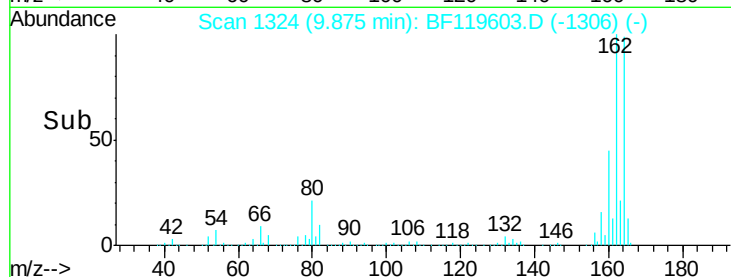
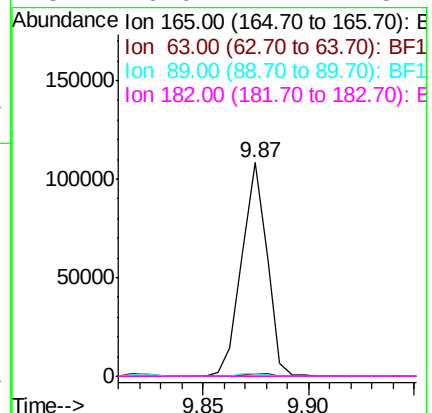
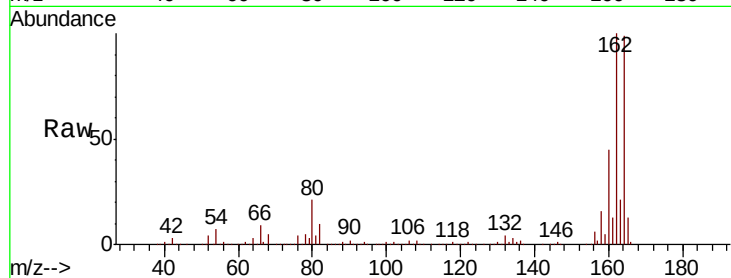




#57
2,4-Dinitrotoluene
Concen: 6.743 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119603.D
Acq: 28 Mar 2020 8:15

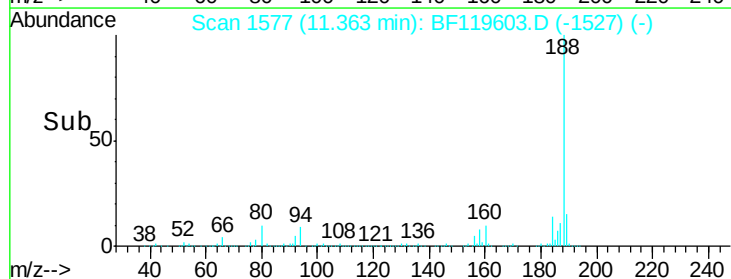
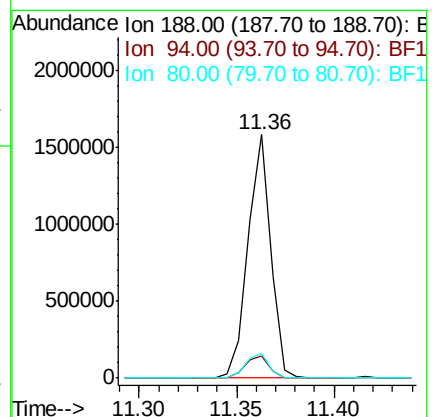
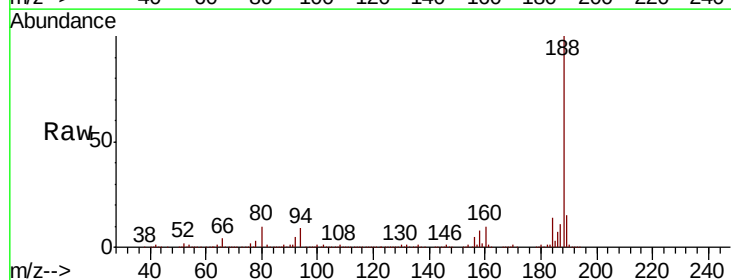
Instrument :
BNA_F
ClientSampleId :

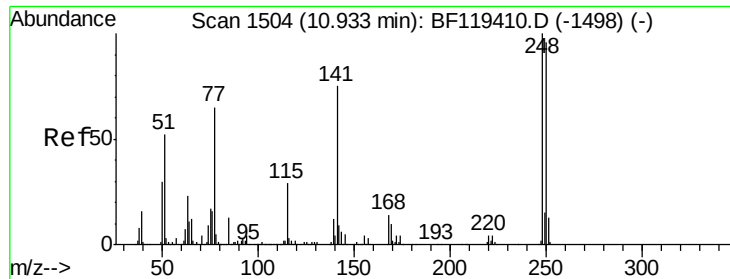
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.6	64.0#
89	1.3	61.0	91.4#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119603.D
Acq: 28 Mar 2020 8:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	10.3	9.0	13.4

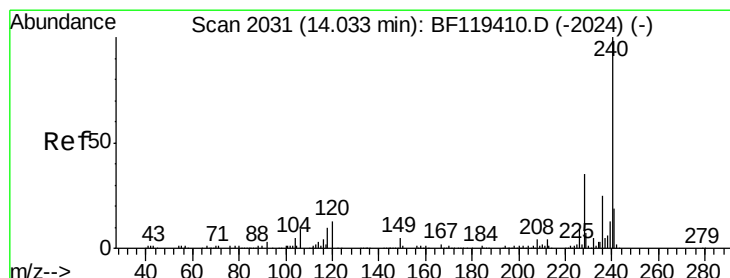
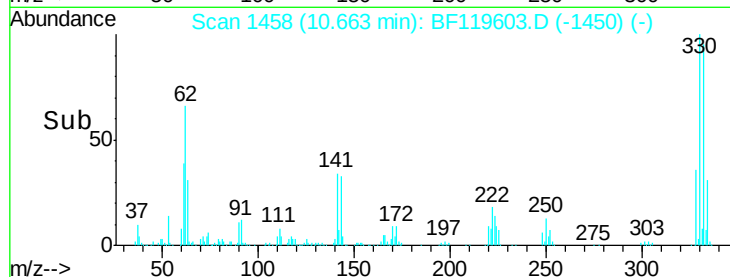
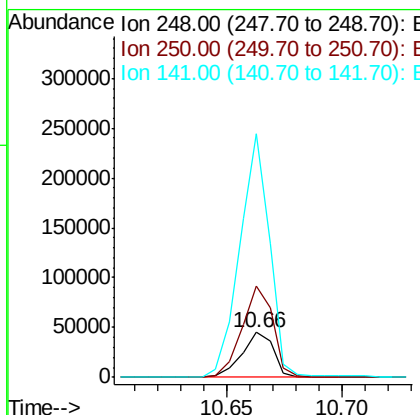
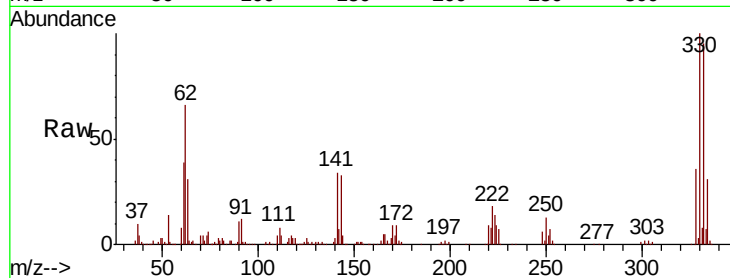




#67
 4-Bromophenyl-phenylether
 Concen: 2.952 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF119603.D
 Acq: 28 Mar 2020 8:15

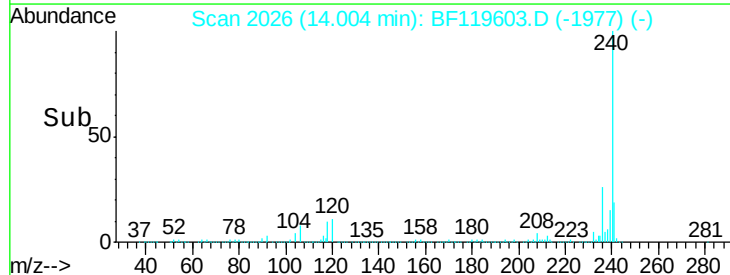
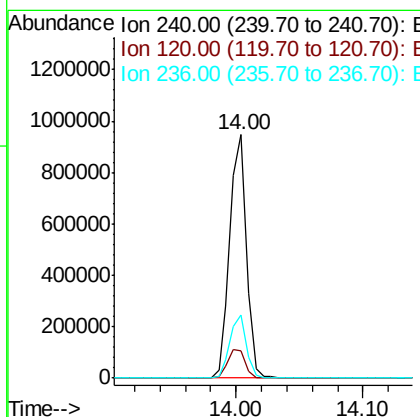
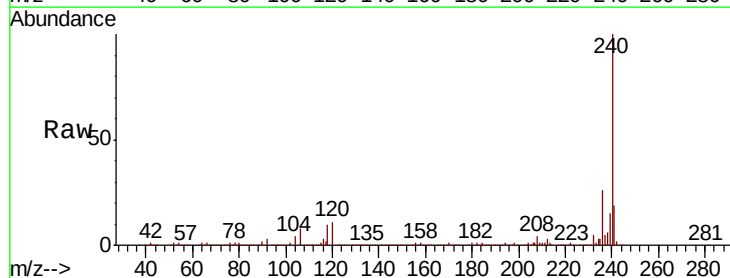
Instrument :
 BNA_F
 ClientSampleId :

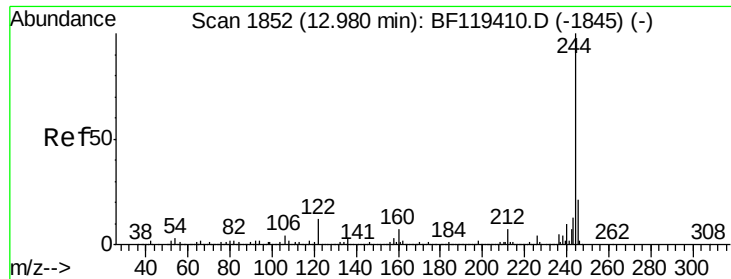
Tot Ion:248 Resp: 43008
 Ion Ratio Lower Upper
 248 100
 250 202.8 77.3 115.9#
 141 540.6 58.6 87.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119603.D
 Acq: 28 Mar 2020 8:15

Tgt Ion:240 Resp: 862564
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.6 15.8
 236 26.1 20.2 30.2





#79

Terphenyl-d14

Concen: 74.350 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119603.D

Acq: 28 Mar 2020 8:15

Instrument :

BNA_F

ClientSampleId :

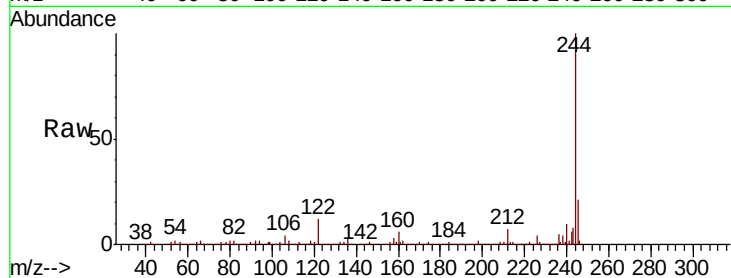
Tot Ion:244 Resp: 3273350

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

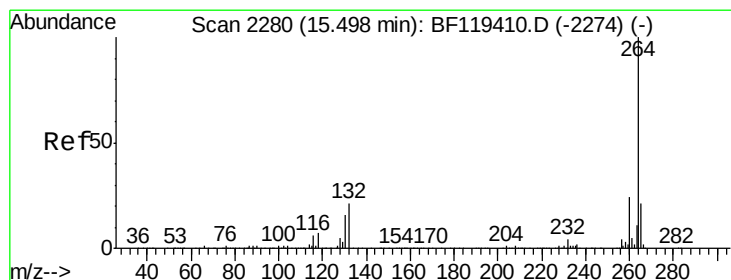
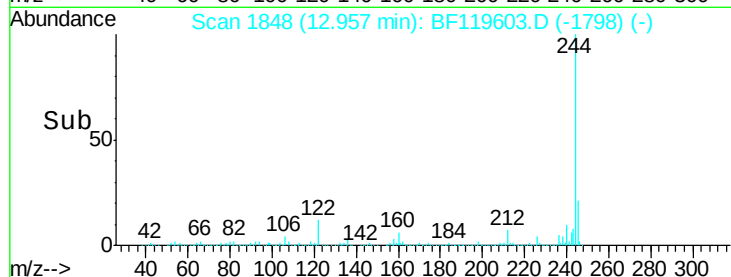
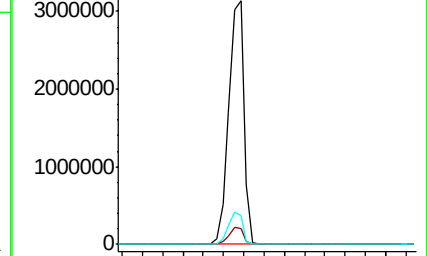
122 11.7 10.3 15.5



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF119603.D

Acq: 28 Mar 2020 8:15

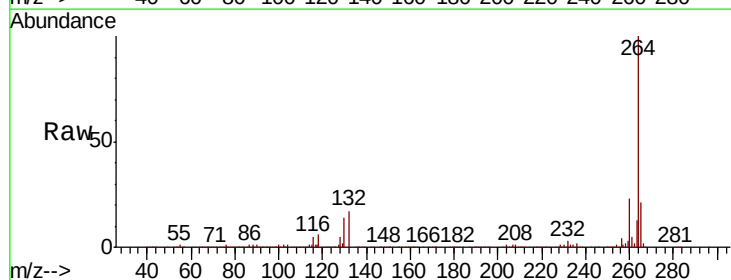
Tgt Ion:264 Resp: 720723

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 21.0 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

