

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119772.D
 Acq On : 6 Apr 2020 15:24
 Operator : MA/SJ
 Sample : L2129-44
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Apr 06 15:58:27 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

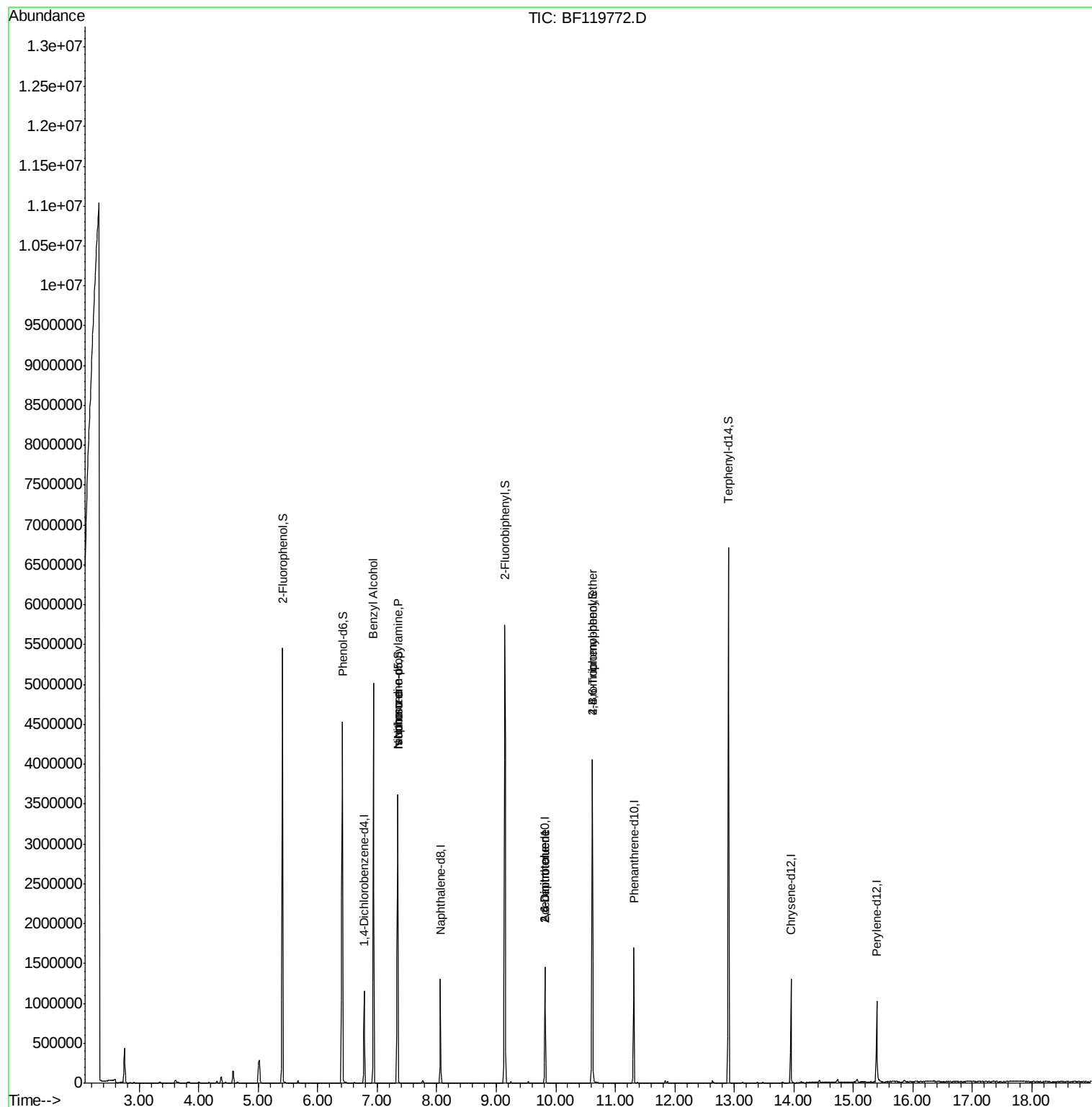
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	152359	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	580688	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	299883	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	620231	20.00	ng	0.00
76) Chrysene-d12	13.95	240	446441	20.00	ng	0.00
87) Perylene-d12	15.39	264	457157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1477397	154.36	ng	0.02
7) Phenol-d6	6.42	99	1608110	131.53	ng	0.00
23) Nitrobenzene-d5	7.35	82	1169149	109.42	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	549177	177.51	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2184744	107.93	ng	0.00
79) Terphenyl-d14	12.90	244	2561193	112.40	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.94	79	19176	2.085	ng	# 45
19) n-Nitroso-di-n-propylamine	7.35	70	153951	20.891	ng	# 74
25) Isophorone	7.35	82	1169306	53.949	ng	# 65
51) 2,6-Dinitrotoluene	9.82	165	36947	8.092	ng	# 27
57) 2,4-Dinitrotoluene	9.82	165	36947	6.424	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	32532	4.606	ng	# 1

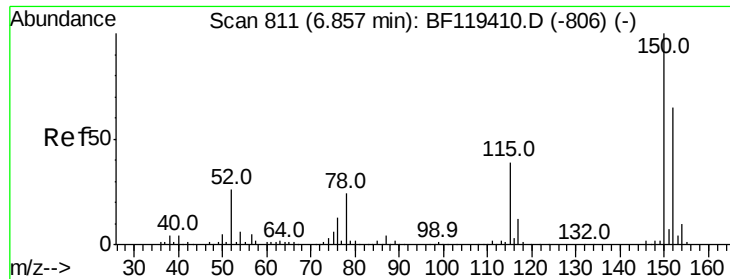
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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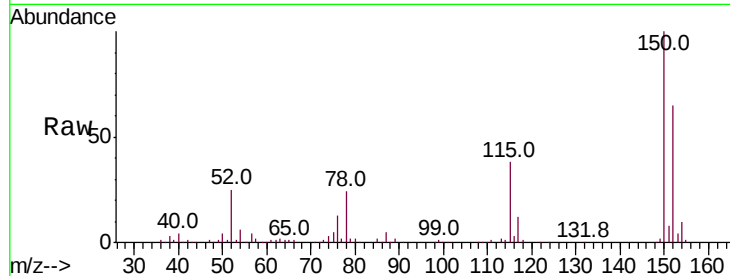


#1

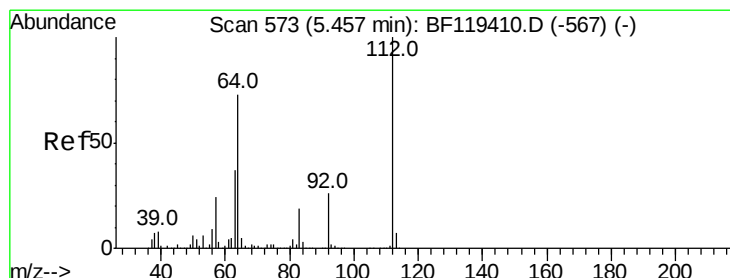
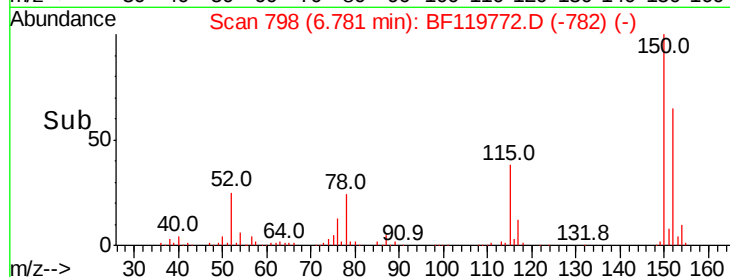
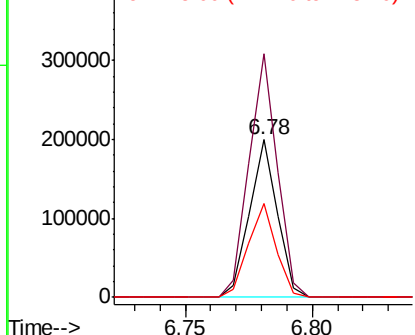
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119772.D
Acq: 6 Apr 2020 15:24

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:152 Resp: 152359
Ion Ratio Lower Upper
152 100
150 154.3 124.5 186.7
115 59.3 49.6 74.4



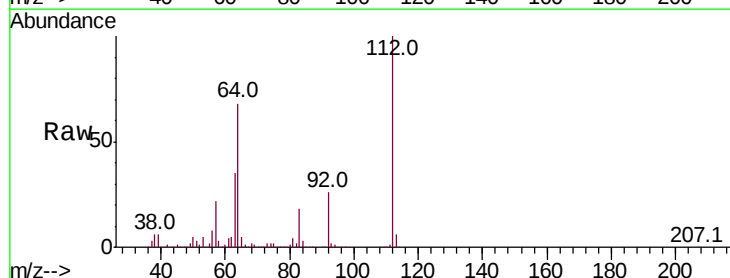
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



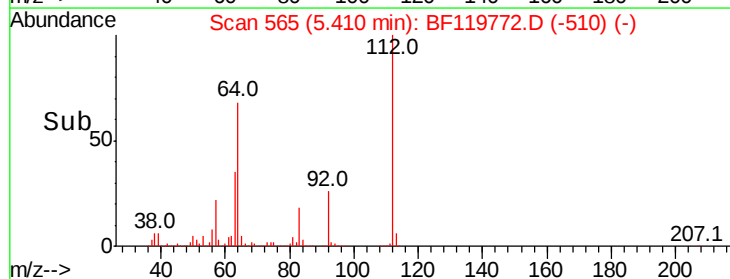
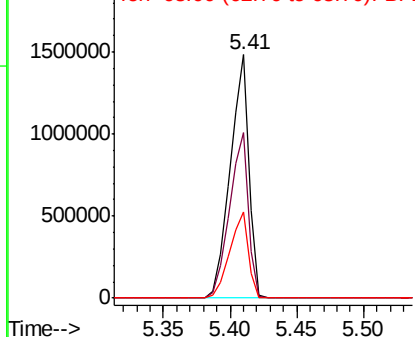
#5

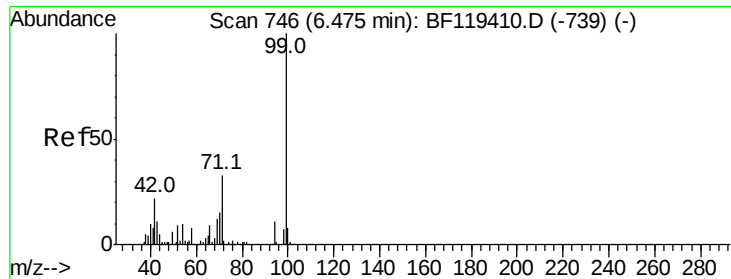
2-Fluorophenol
Concen: 154.364 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF119772.D
Acq: 6 Apr 2020 15:24

Tgt Ion:112 Resp: 1477397
Ion Ratio Lower Upper
112 100
64 68.0 56.7 85.1
63 35.3 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: 131.531 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119772.D

Acq: 6 Apr 2020 15:24

Instrument :

BNA_F

ClientSampleId :

TP-3

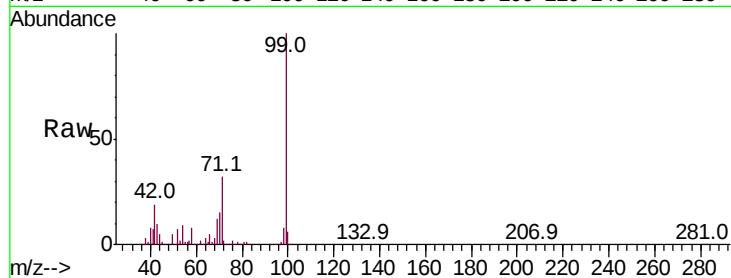
Tot Ion: 99 Resp: 1608110

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

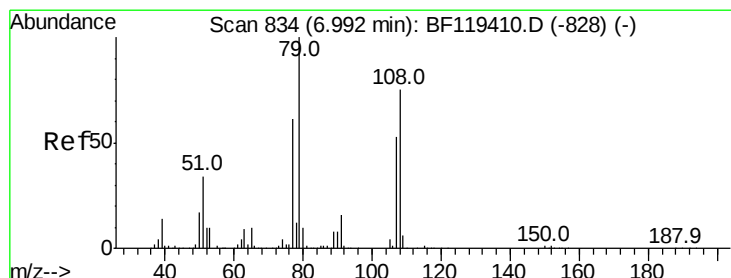
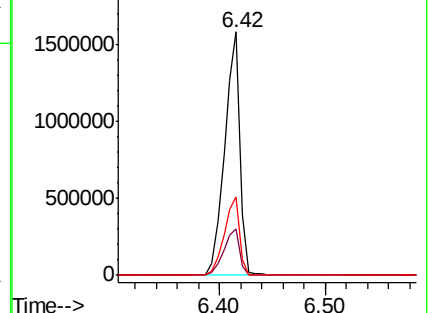
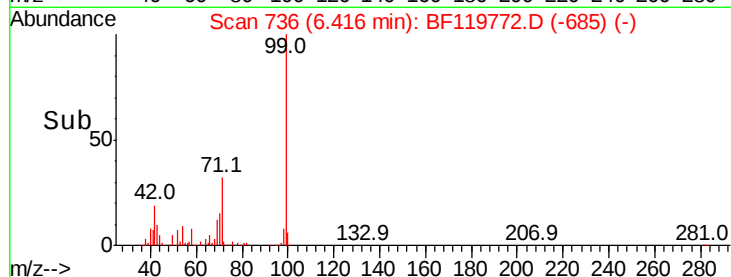
71 32.2 26.4 39.6



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



#15

Benzyl Alcohol

Concen: 2.085 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF119772.D

Acq: 6 Apr 2020 15:24

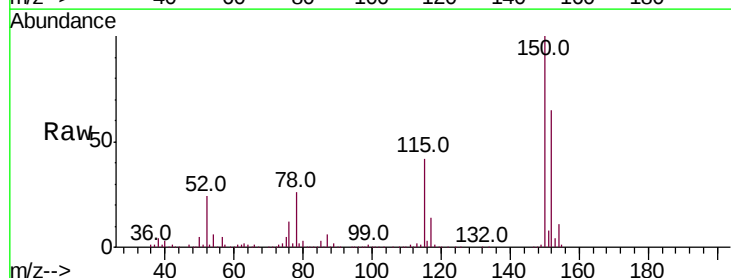
Tgt Ion: 79 Resp: 19176

Ion Ratio Lower Upper

79 100

108 27.2 60.6 90.8#

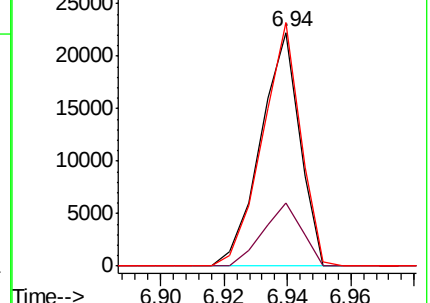
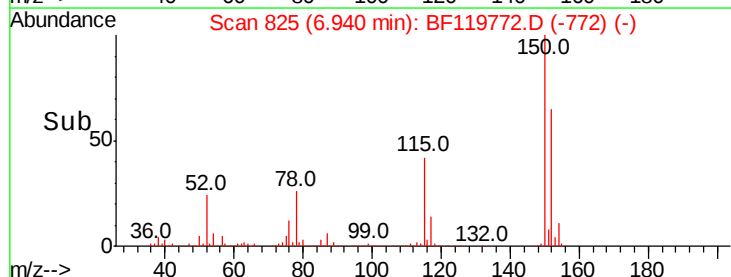
77 104.2 50.2 75.2#

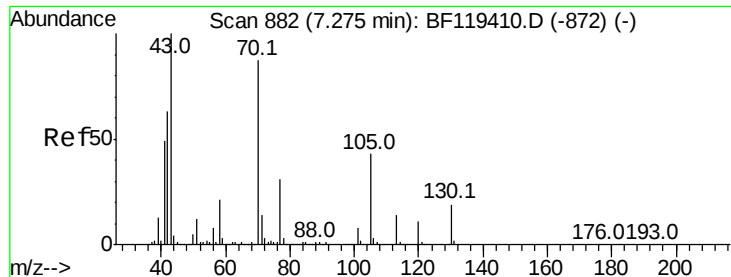


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

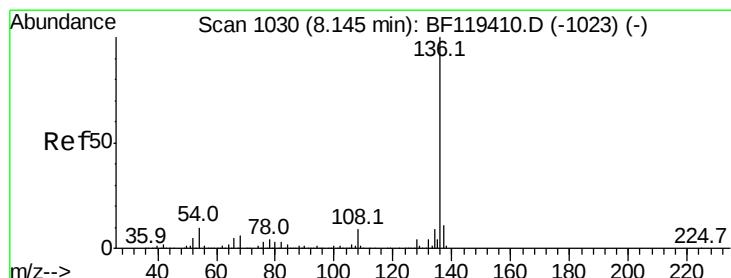
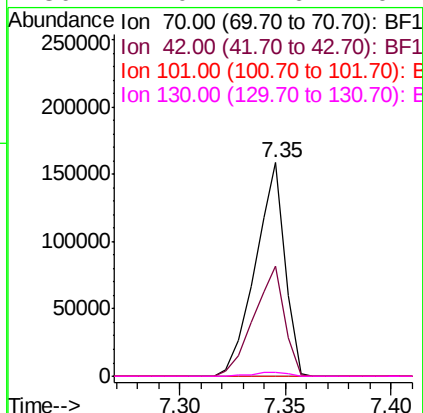
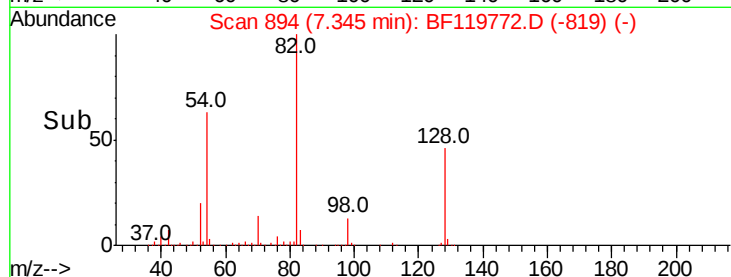
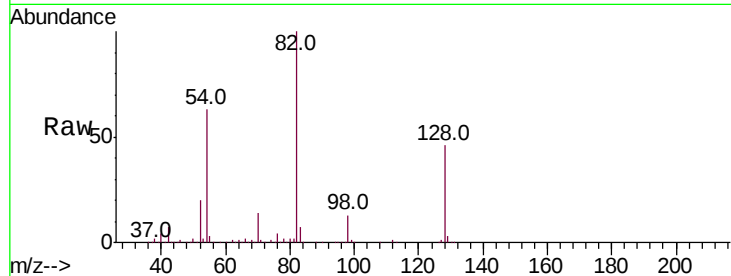




#19
n-Nitroso-di-n-propylamine
Concen: 20.891 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF119772.D
Acq: 6 Apr 2020 15:24

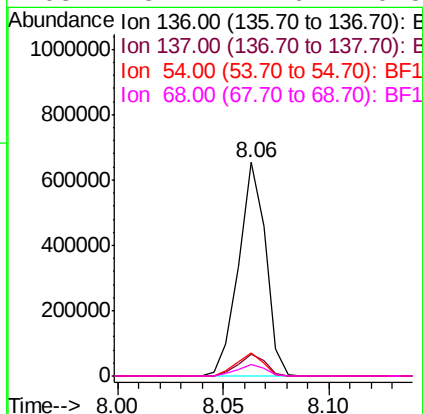
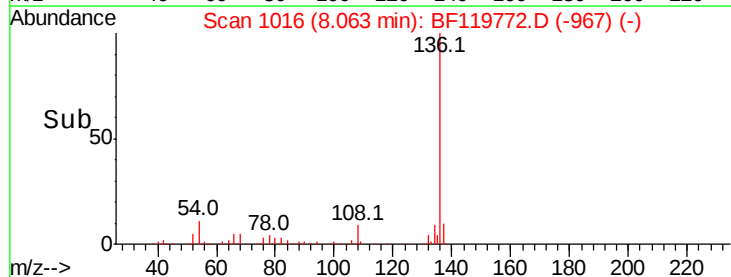
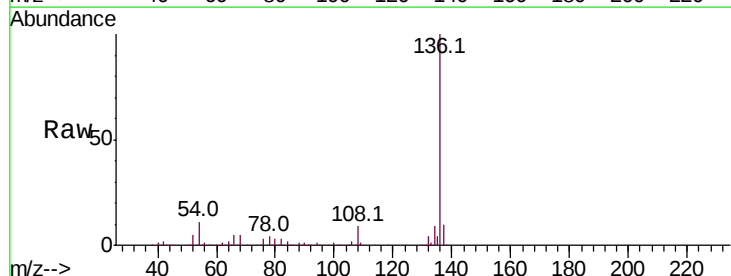
Instrument :
BNA_F
ClientSampled :
TP-3

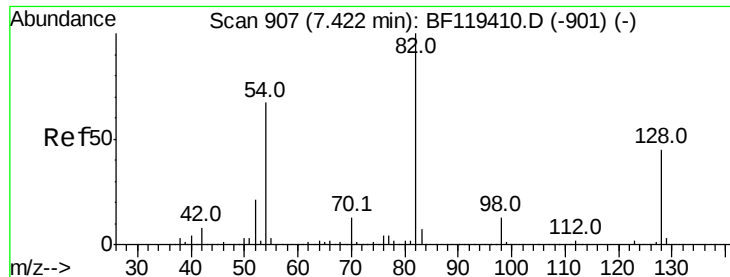
Tot Ion: 70 Resp: 153951
Ion Ratio Lower Upper
70 100
42 51.8 54.5 81.7#
101 0.0 7.6 11.4#
130 2.0 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF119772.D
Acq: 6 Apr 2020 15:24

Tgt Ion:136 Resp: 580688
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 10.6 9.1 13.7
68 5.4 4.6 6.8



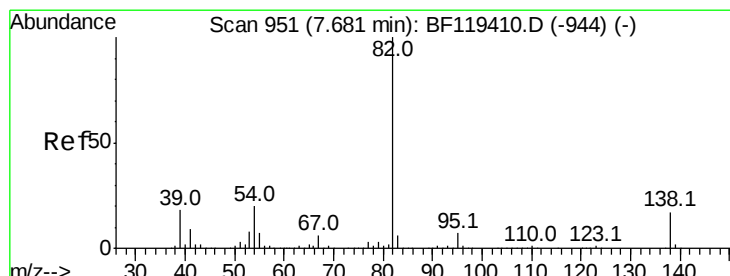
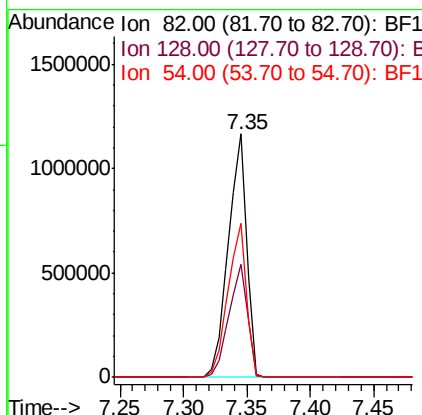
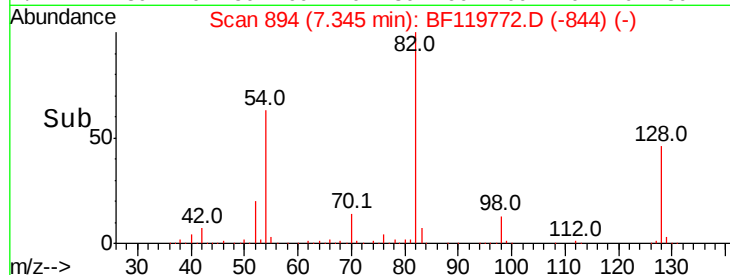
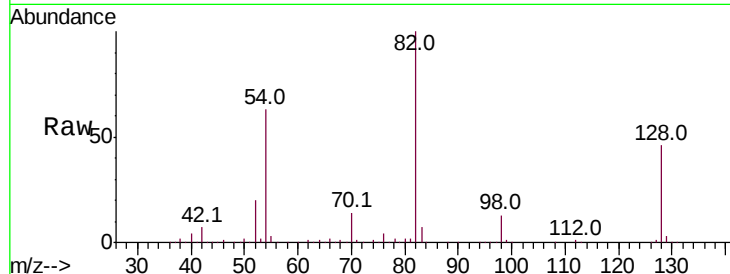


#23
 Nitrobenzene-d5
 Concen: 109.423 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF119772.D
 Acq: 6 Apr 2020 15:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion: 82 Resp: 1169149

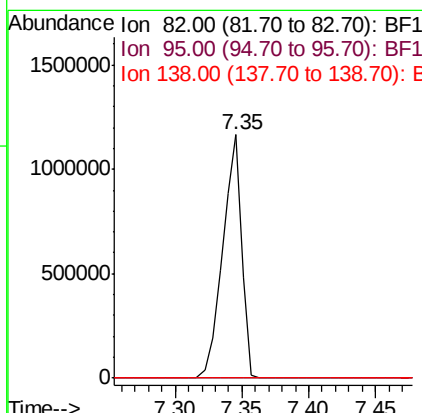
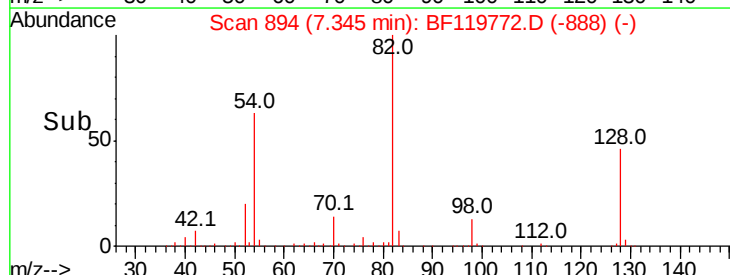
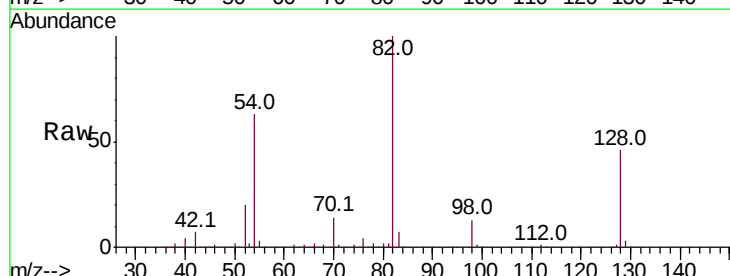
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	63.3	50.6	75.8

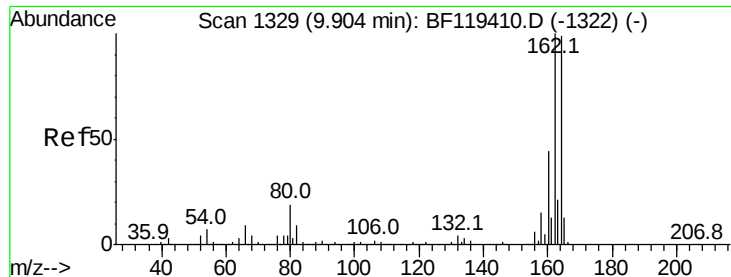


#25
 Isophorone
 Concen: 53.949 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BF119772.D
 Acq: 6 Apr 2020 15:24

Tgt Ion: 82 Resp: 1169306

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

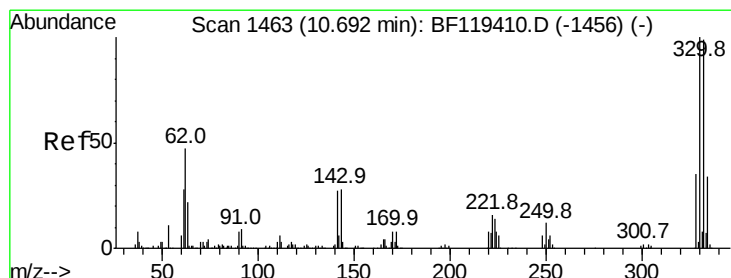
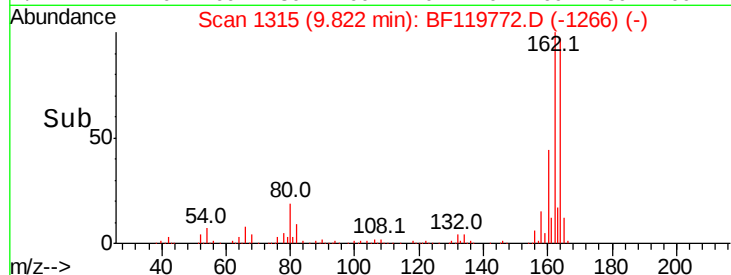
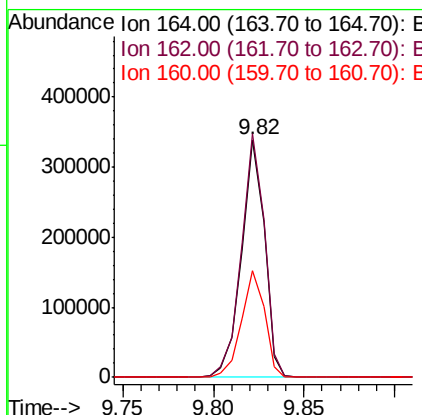
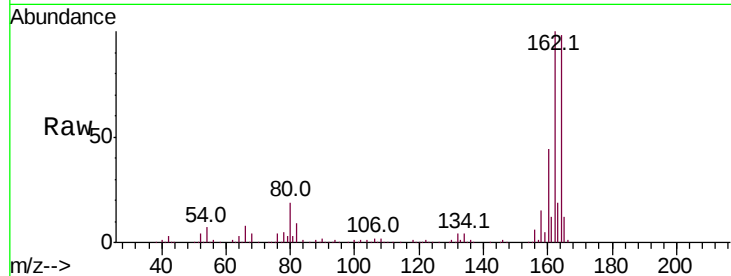




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119772.D
 Acq: 6 Apr 2020 15:24

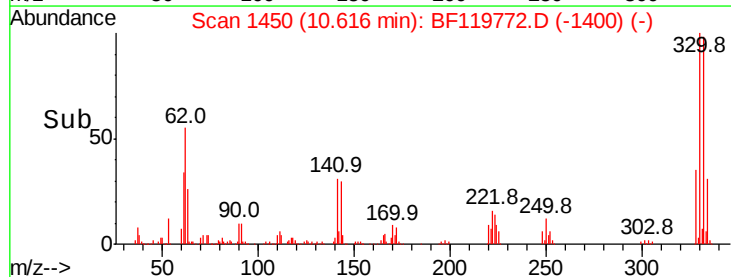
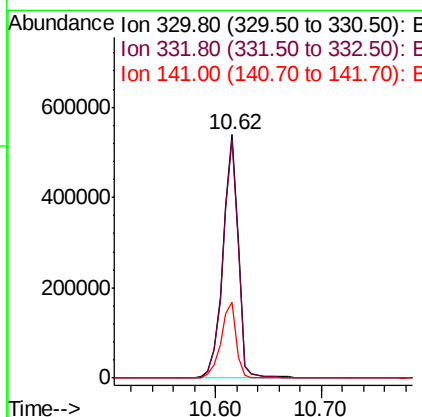
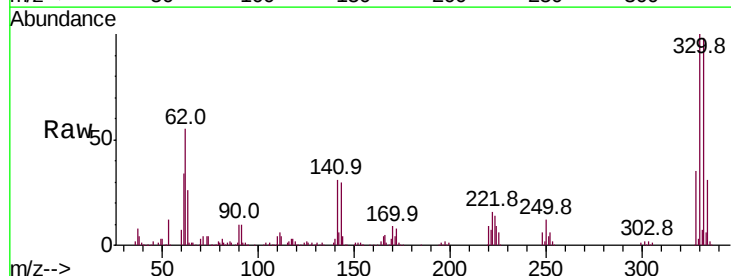
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

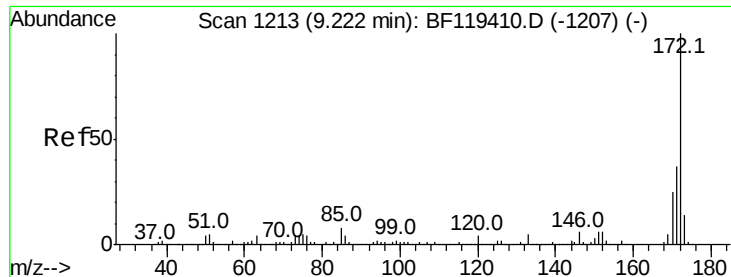
Tot Ion:164 Resp: 299883
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.6 121.0
 160 44.7 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 177.510 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119772.D
 Acq: 6 Apr 2020 15:24

Tgt Ion:330 Resp: 549177
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.7 113.5
 141 31.1 25.4 38.0

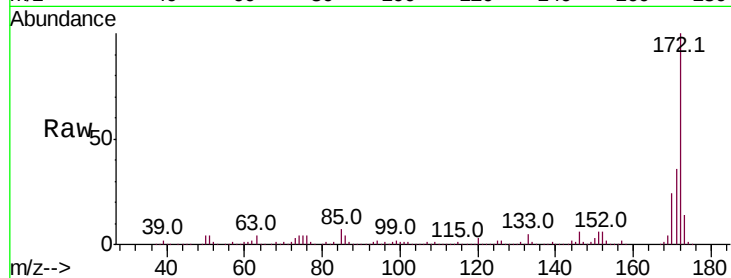




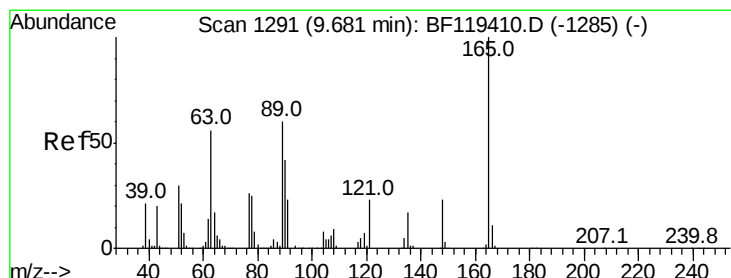
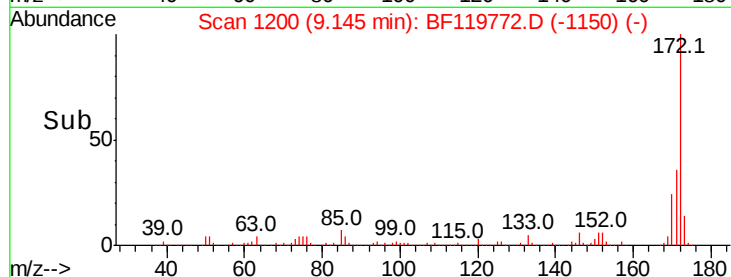
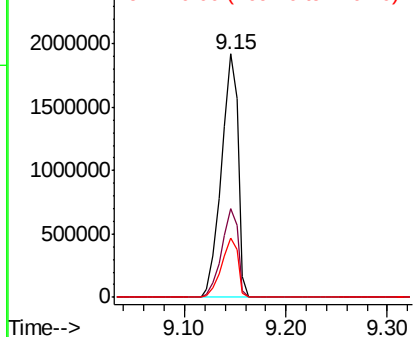
#45
 2-Fluorobiphenyl
 Concen: 107.930 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119772.D
 Acq: 6 Apr 2020 15:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:172 Resp: 2184744
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.3 20.2 30.2

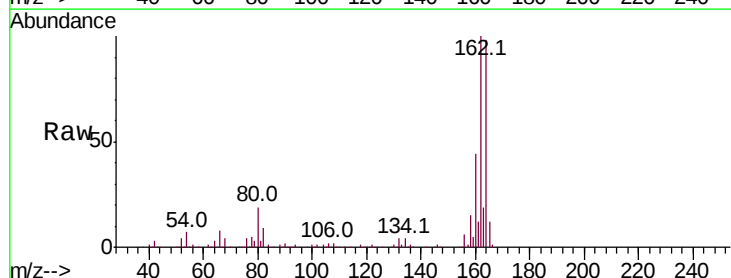


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

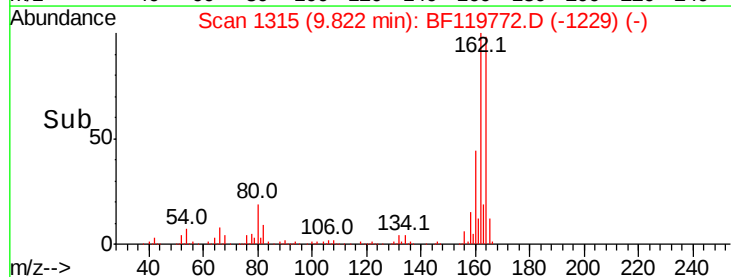
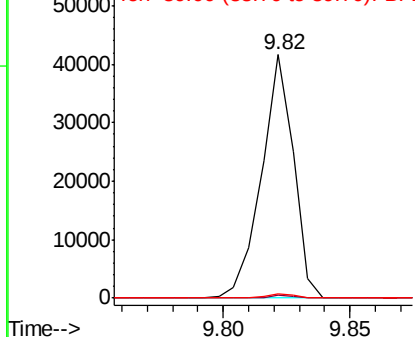


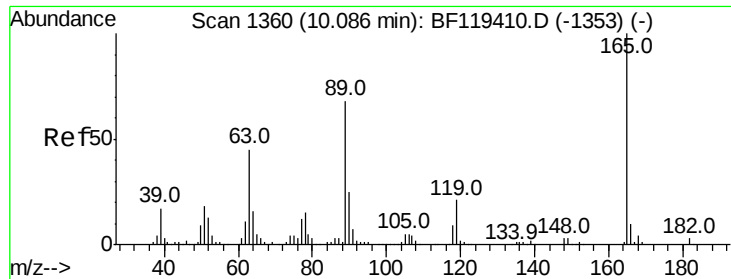
#51
 2,6-Dinitrotoluene
 Concen: 8.092 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF119772.D
 Acq: 6 Apr 2020 15:24

Tgt Ion:165 Resp: 36947
 Ion Ratio Lower Upper
 165 100
 63 1.2 45.0 67.4#
 89 1.7 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

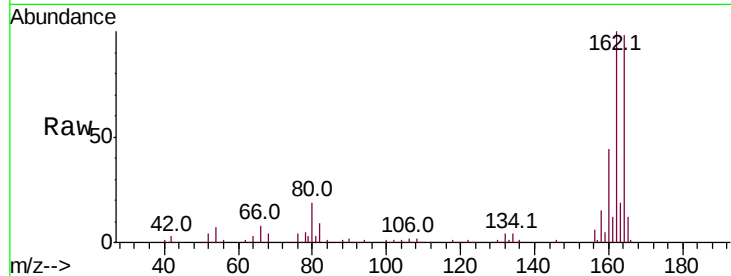




#57
 2,4-Dinitrotoluene
 Concen: 6.424 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF119772.D
 Acq: 6 Apr 2020 15:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.6	64.0#
89	1.7	61.0	91.4#
182	0.0	2.2	3.2#



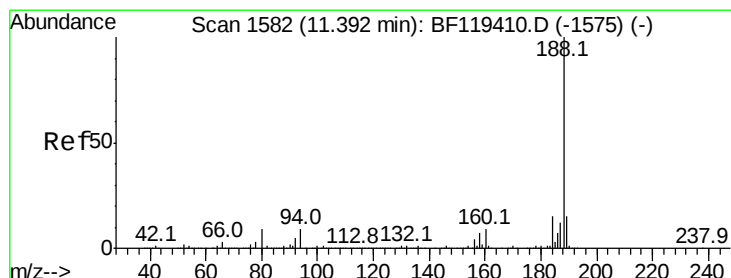
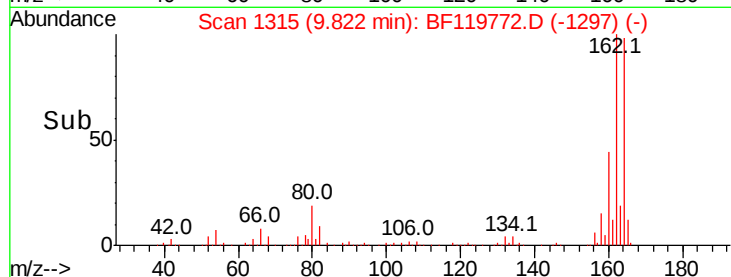
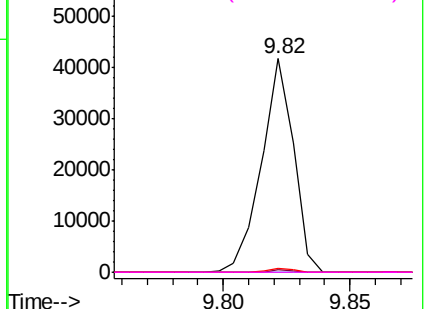
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

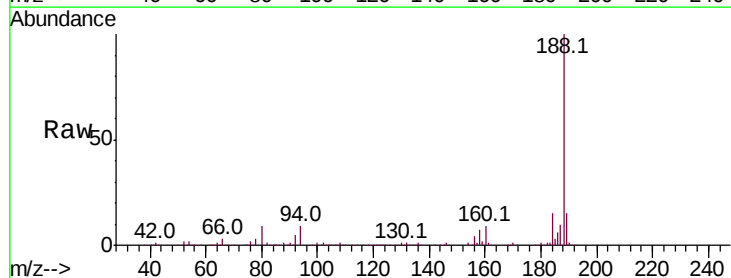
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119772.D
 Acq: 6 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	9.2	9.0	13.4

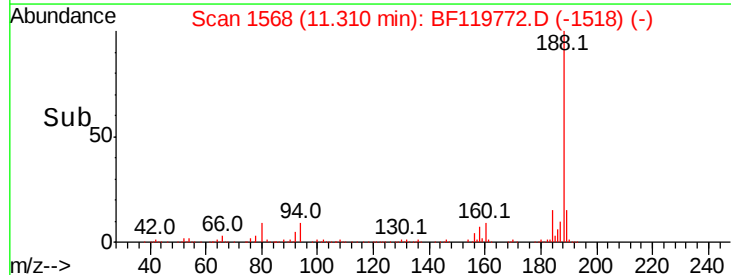
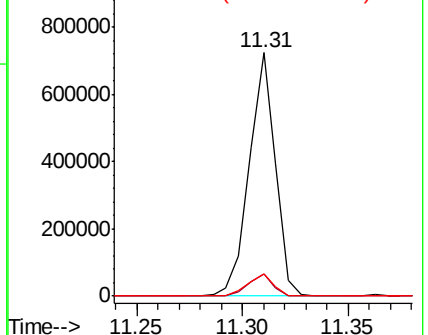


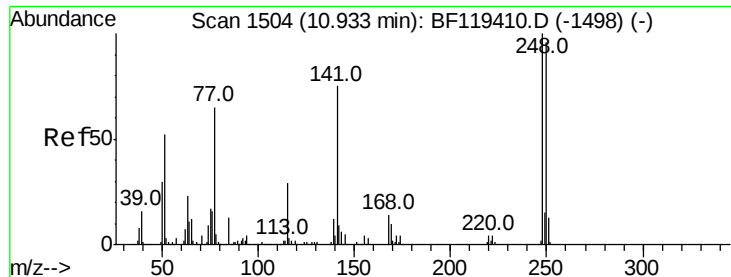
Abundance

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

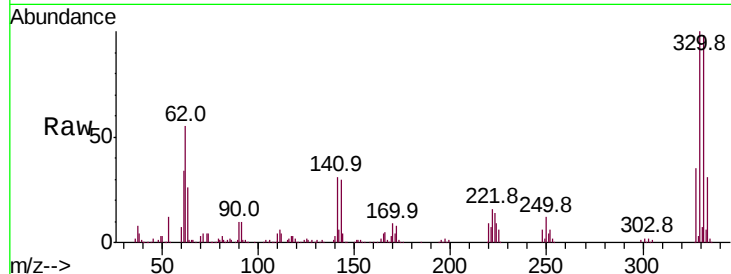




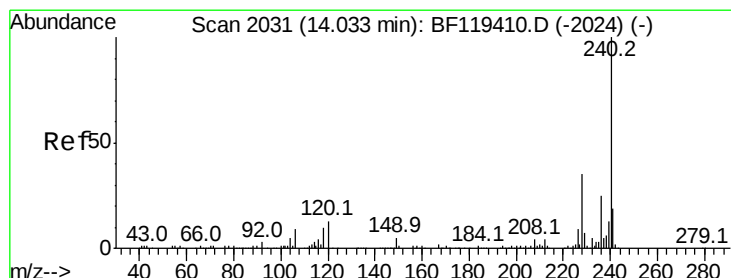
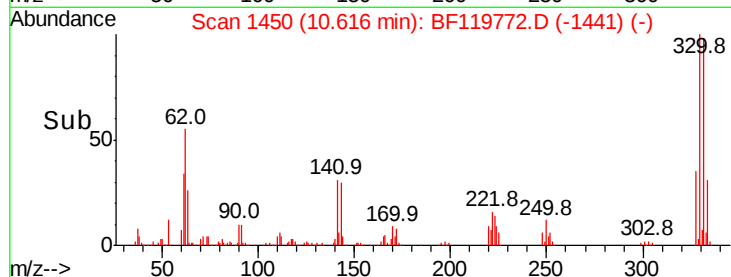
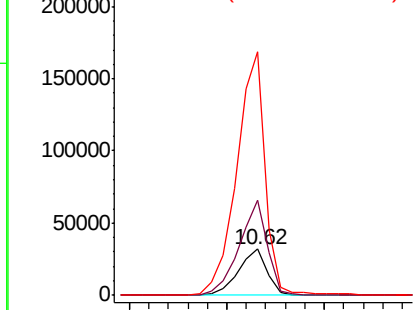
#67
4-Bromophenyl-phenylether
Concen: 4.606 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF119772.D
Acq: 6 Apr 2020 15:24

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:248 Resp: 32532
Ion Ratio Lower Upper
248 100
250 206.0 77.3 115.9#
141 525.4 58.6 87.8#

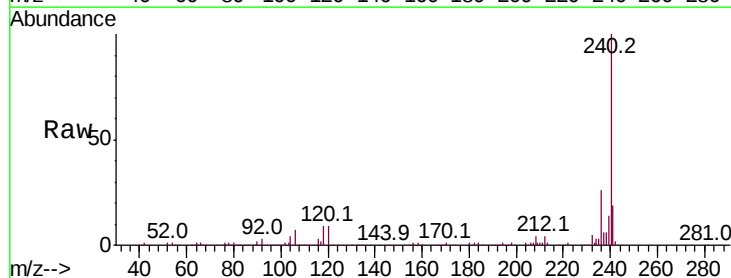


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

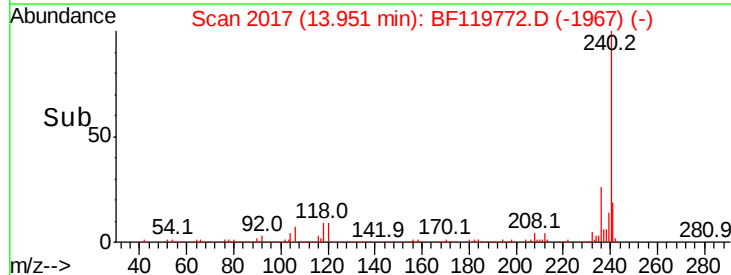
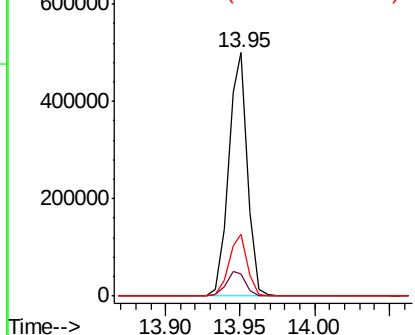


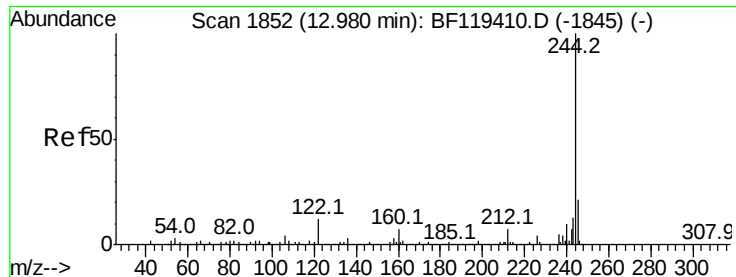
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119772.D
Acq: 6 Apr 2020 15:24

Tgt Ion:240 Resp: 446441
Ion Ratio Lower Upper
240 100
120 9.4 10.6 15.8#
236 25.5 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: 112.398 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF119772.D

Acq: 6 Apr 2020 15:24

Instrument :

BNA_F

ClientSampleId :

TP-3

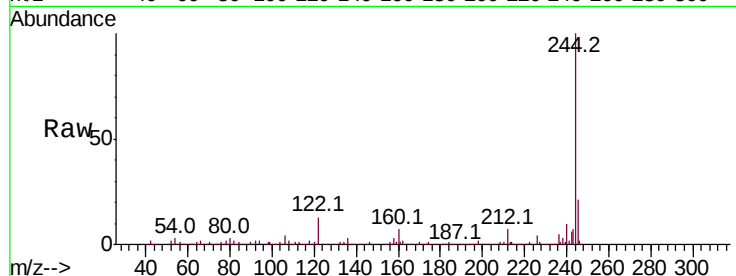
Tot Ion:244 Resp: 2561193

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

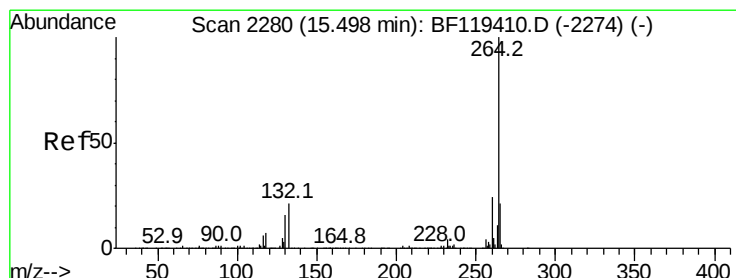
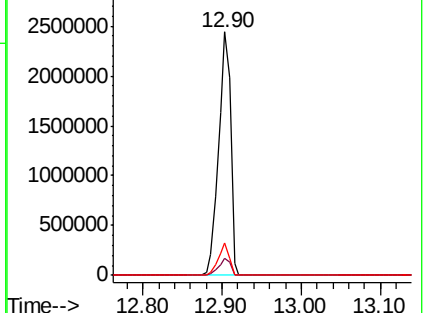
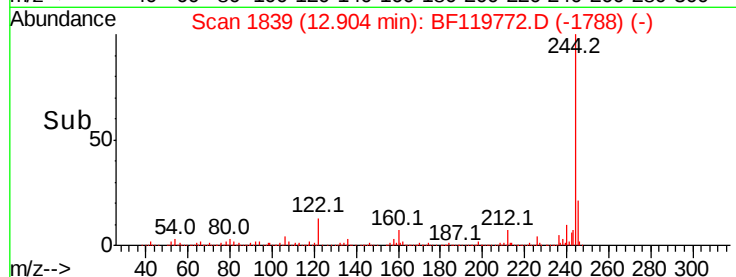
122 13.3 10.3 15.5



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: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF119772.D

Acq: 6 Apr 2020 15:24

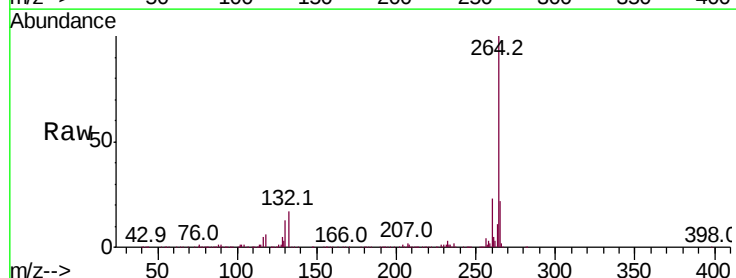
Tgt Ion:264 Resp: 457157

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.7 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

