

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119774.D
 Acq On : 6 Apr 2020 16:17
 Operator : MA/SJ
 Sample : L2132-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2

Quant Time: Apr 06 17:14:10 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

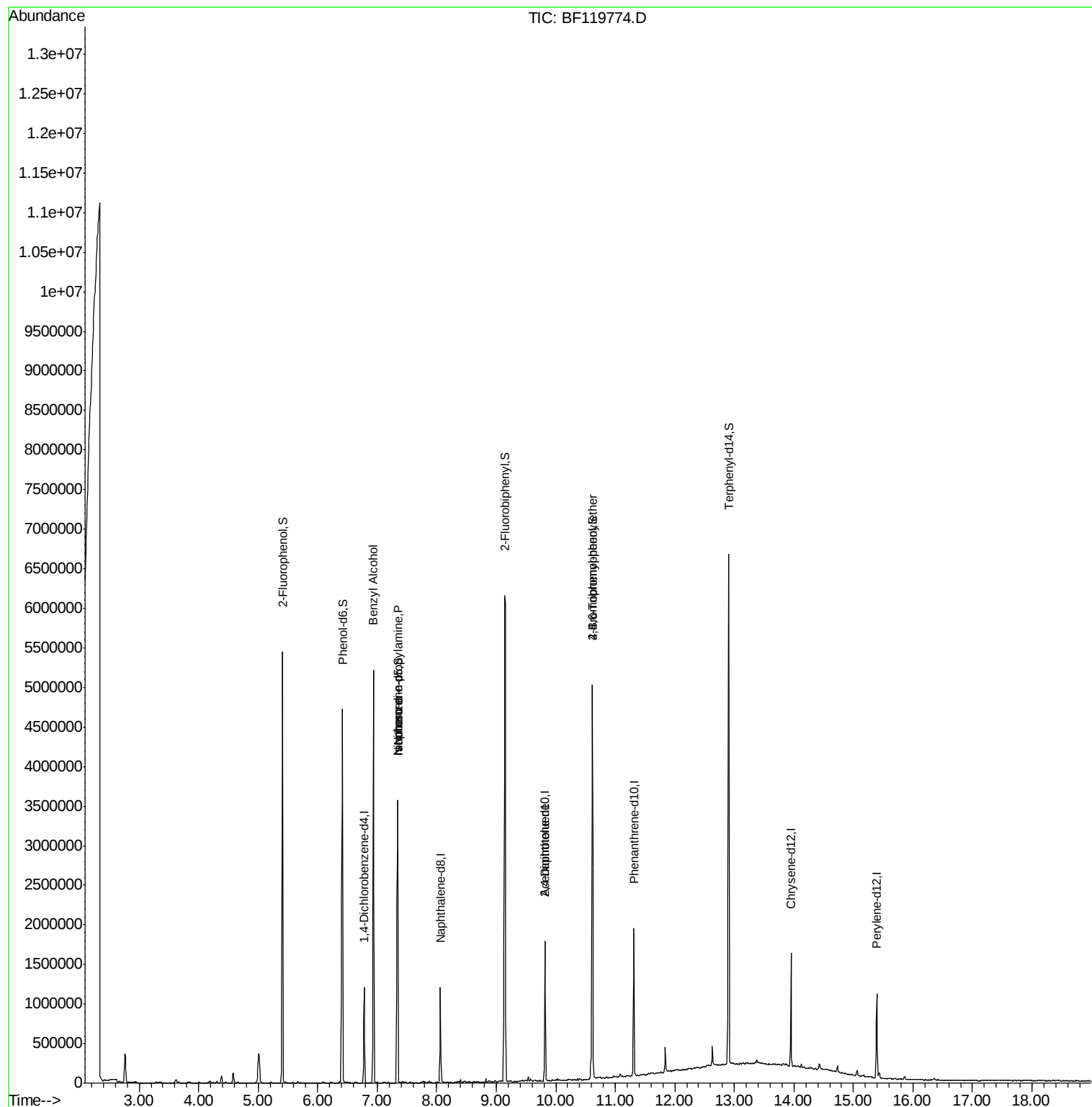
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	170075	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	660469	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	351141	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	661361	20.00	ng	0.00
76) Chrysene-d12	13.95	240	464197	20.00	ng	0.00
87) Perylene-d12	15.39	264	487195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1621653	151.79	ng	0.02
7) Phenol-d6	6.42	99	1889033	138.41	ng	0.00
23) Nitrobenzene-d5	7.35	82	1428972	117.59	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	677877	187.12	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2604589	109.89	ng	0.00
79) Terphenyl-d14	12.91	244	2819890	119.02	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.94	79	23346	2.274	ng	# 43
19) n-Nitroso-di-n-propylamine	7.35	70	191472	23.276	ng	# 76
25) Isophorone	7.35	82	1428957	57.965	ng	# 65
57) 2,4-Dinitrotoluene	9.82	165	43933	6.523	ng	# 21
67) 4-Bromophenyl-phenylether	10.62	248	40478	5.374	ng	# 1

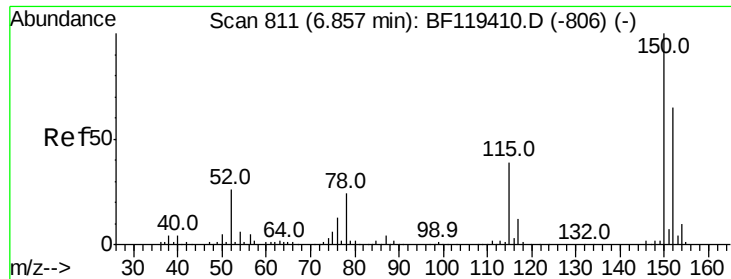
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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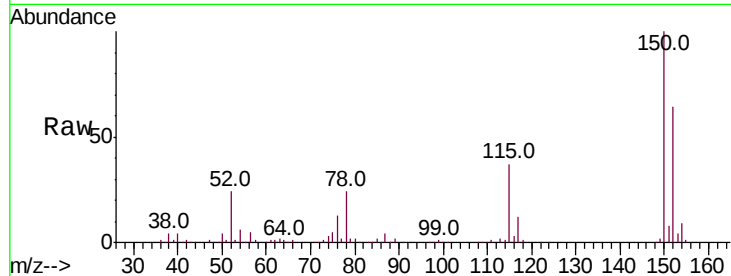


#1

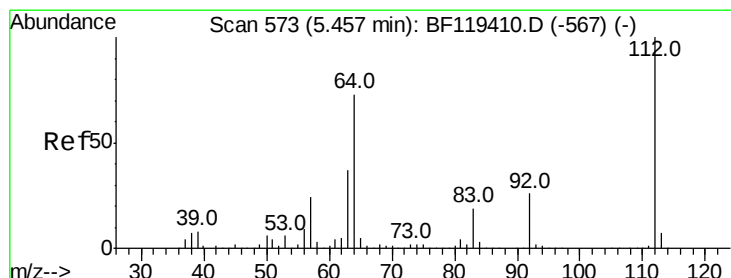
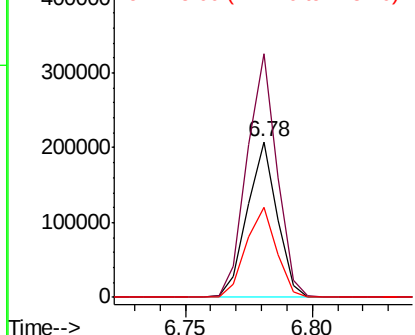
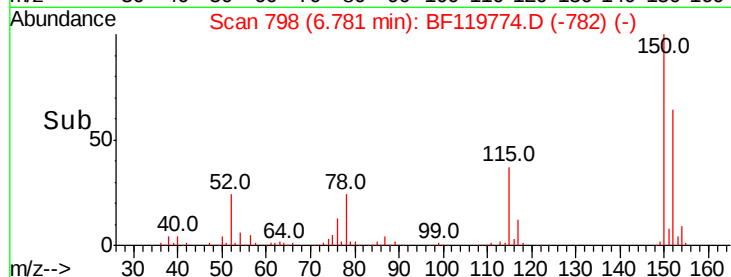
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119774.D
Acq: 6 Apr 2020 16:17

Instrument :
BNA_F
ClientSampled :
T-2

Tot Ion:152 Resp: 170075
Ion Ratio Lower Upper
152 100
150 156.6 124.5 186.7
115 57.9 49.6 74.4



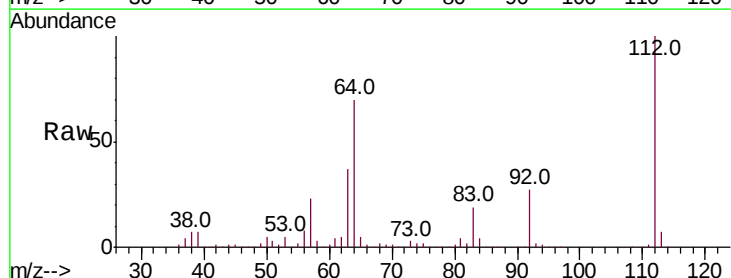
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



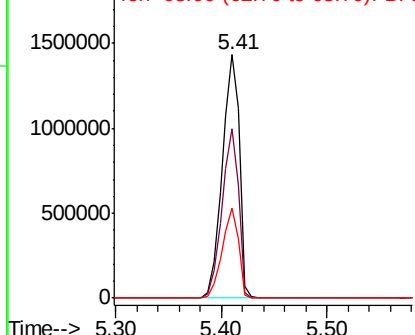
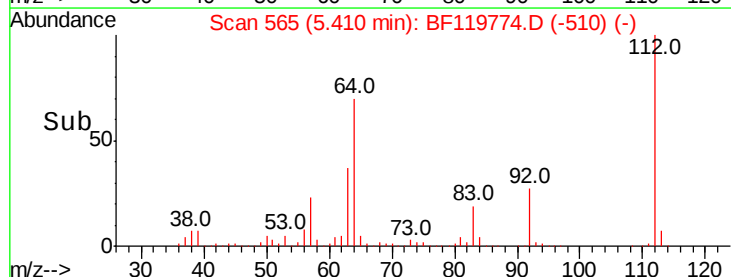
#5

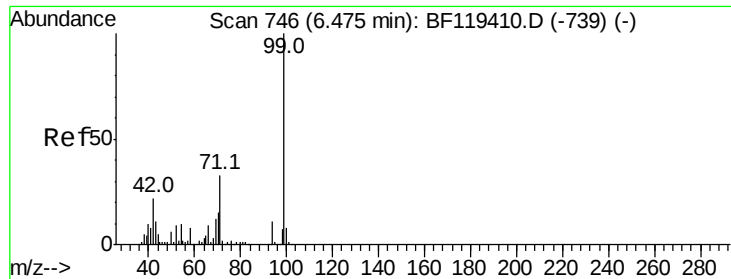
2-Fluorophenol
Concen: 151.787 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF119774.D
Acq: 6 Apr 2020 16:17

Tgt Ion:112 Resp: 1621653
Ion Ratio Lower Upper
112 100
64 69.5 56.7 85.1
63 37.1 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: 138.414 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119774.D

Acq: 6 Apr 2020 16:17

Instrument :

BNA_F

ClientSampleId :

T-2

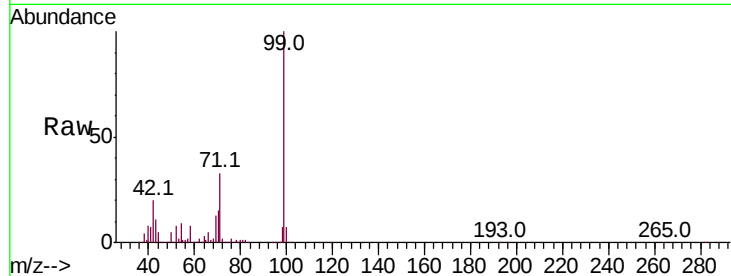
Tot Ion: 99 Resp: 1889033

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

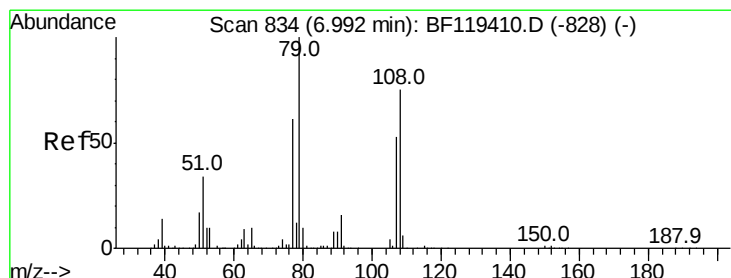
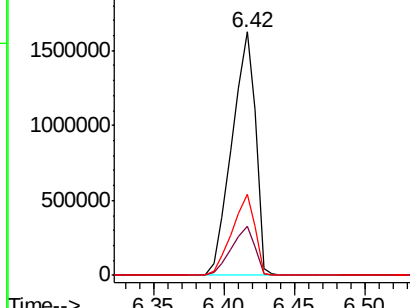
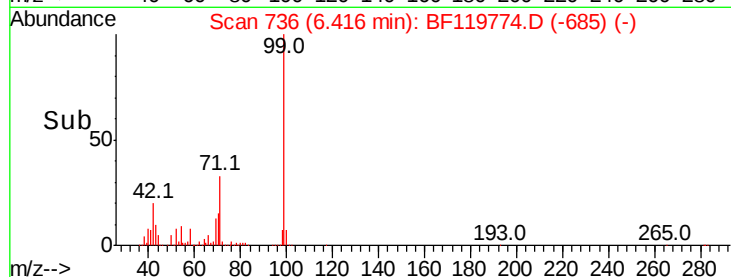
71 33.1 26.4 39.6



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: 2.274 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF119774.D

Acq: 6 Apr 2020 16:17

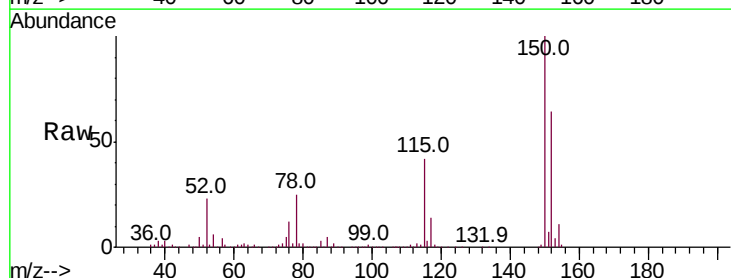
Tgt Ion: 79 Resp: 23346

Ion Ratio Lower Upper

79 100

108 29.8 60.6 90.8#

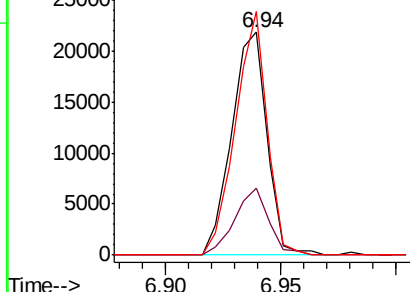
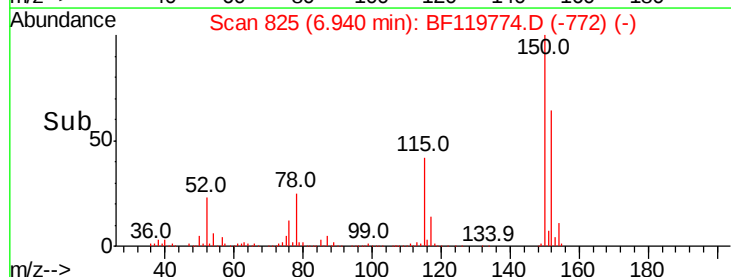
77 109.2 50.2 75.2#

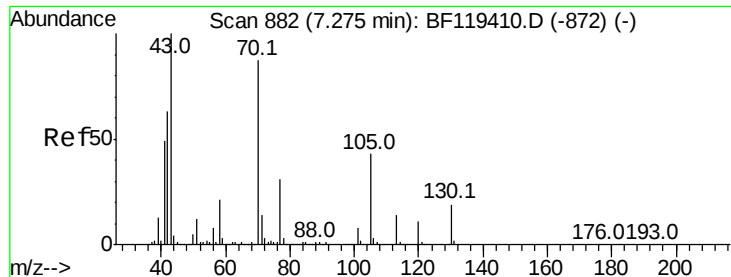


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

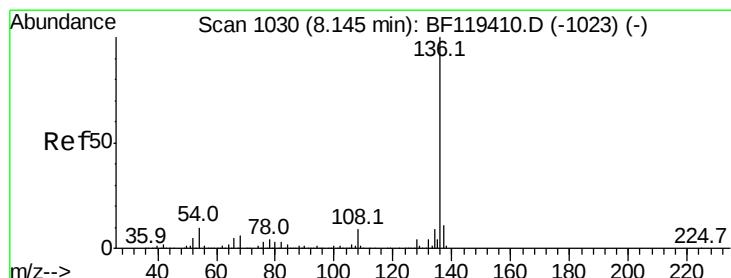
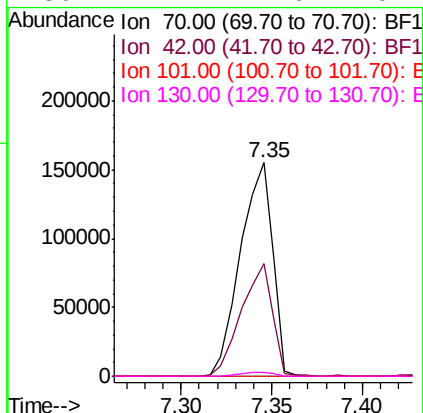
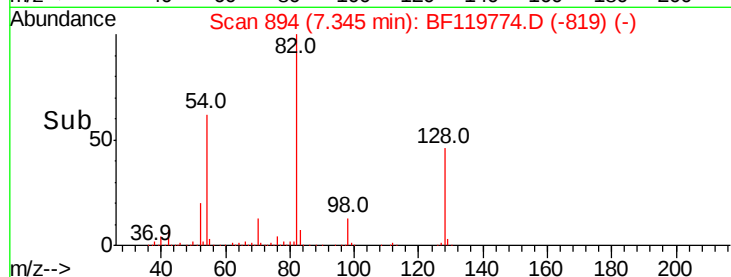
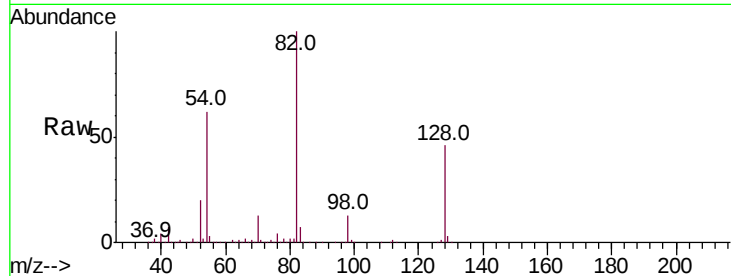




#19
n-Nitroso-di-n-propylamine
Concen: 23.276 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF119774.D
Acq: 6 Apr 2020 16:17

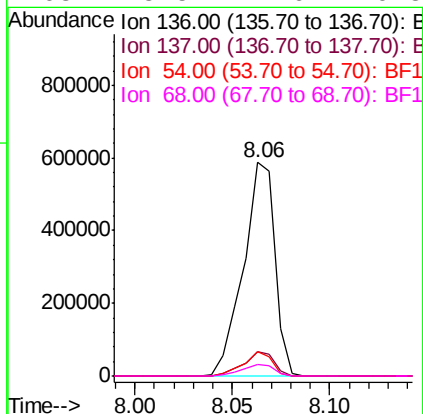
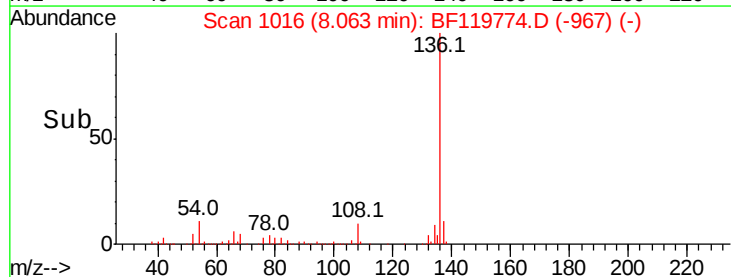
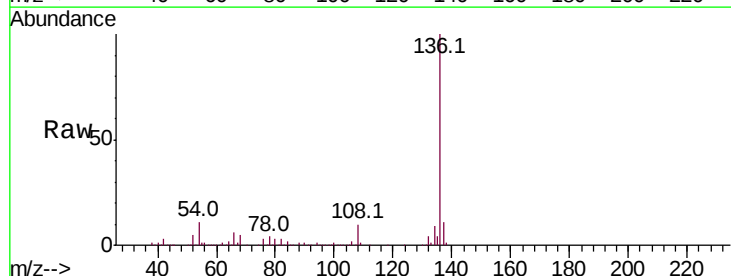
Instrument :
BNA_F
ClientSampled :
T-2

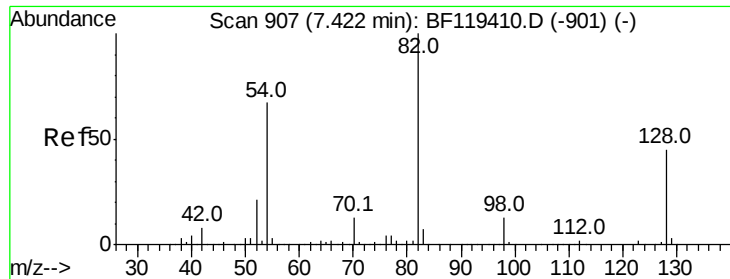
Tot Ion: 70 Resp: 191472
Ion Ratio Lower Upper
70 100
42 53.0 54.5 81.7#
101 0.0 7.6 11.4#
130 2.1 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF119774.D
Acq: 6 Apr 2020 16:17

Tgt Ion: 136 Resp: 660469
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 11.3 9.1 13.7
68 5.5 4.6 6.8

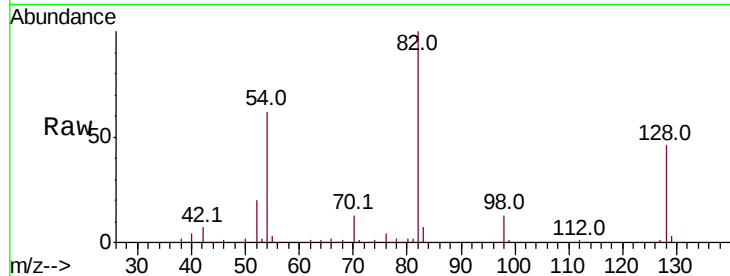




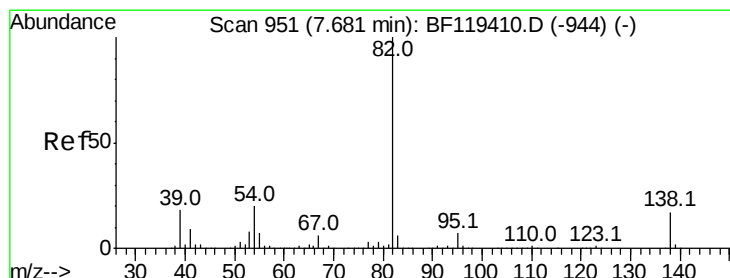
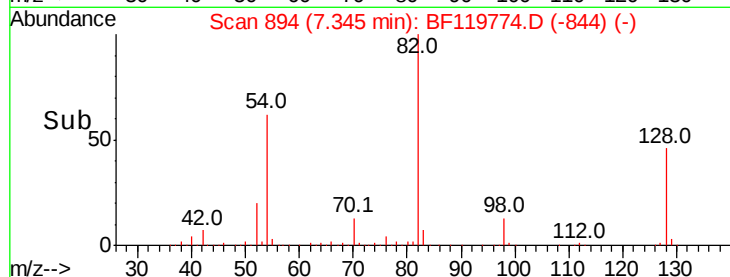
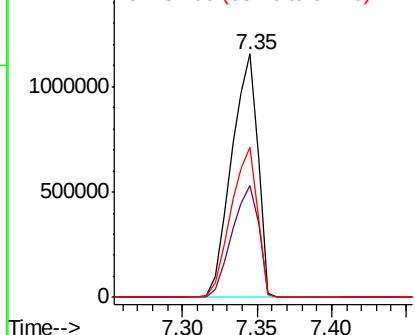
#23
Nitrobenzene-d5
Concen: 117.586 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119774.D
Acq: 6 Apr 2020 16:17

Instrument :
BNA_F
ClientSampleId :
T-2

Tot Ion: 82 Resp: 1428972
Ion Ratio Lower Upper
82 100
128 46.1 36.3 54.5
54 61.9 50.6 75.8

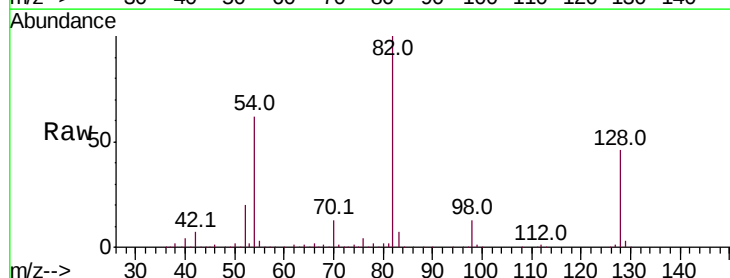


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

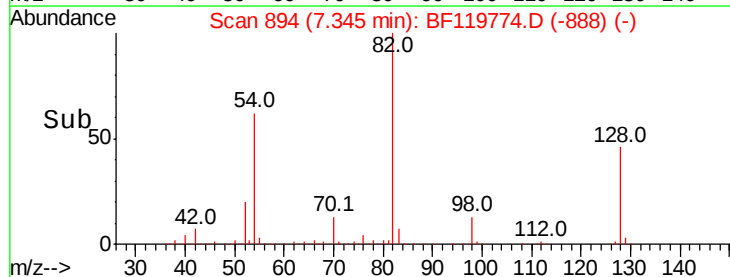
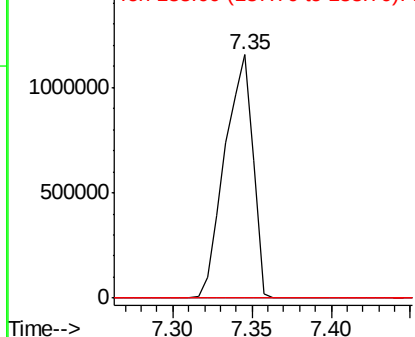


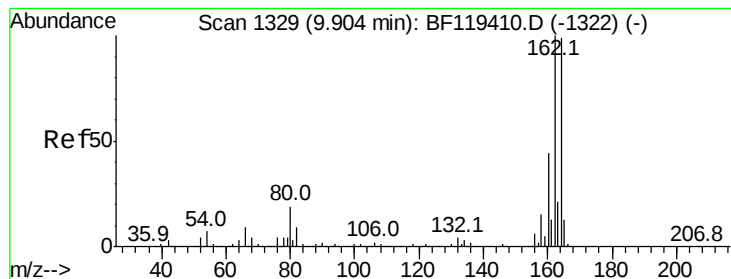
#25
Isophorone
Concen: 57.965 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF119774.D
Acq: 6 Apr 2020 16:17

Tgt Ion: 82 Resp: 1428957
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: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119774.D

Acq: 6 Apr 2020 16:17

Instrument :

BNA_F

ClientSampleId :

T-2

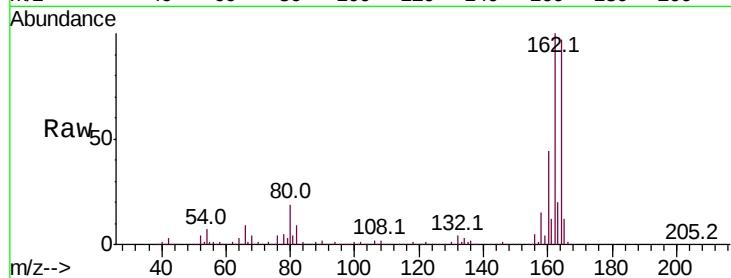
Tot Ion:164 Resp: 351141

Ion Ratio Lower Upper

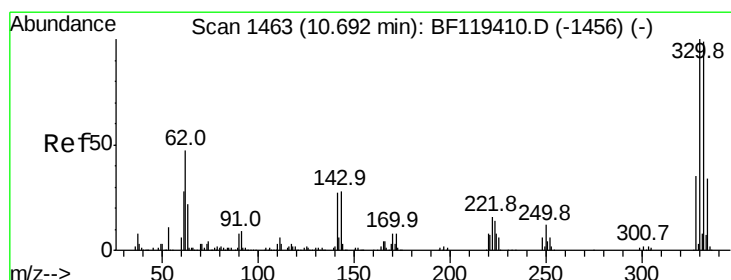
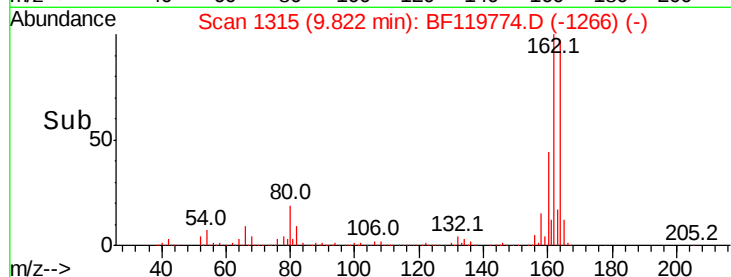
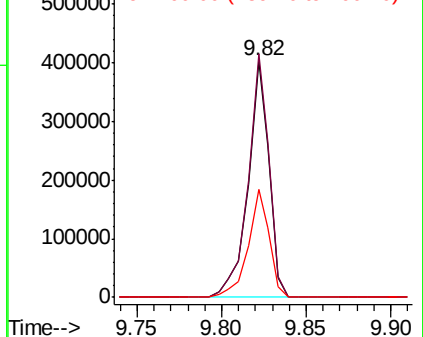
164 100

162 103.0 80.6 121.0

160 45.5 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: 187.125 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF119774.D

Acq: 6 Apr 2020 16:17

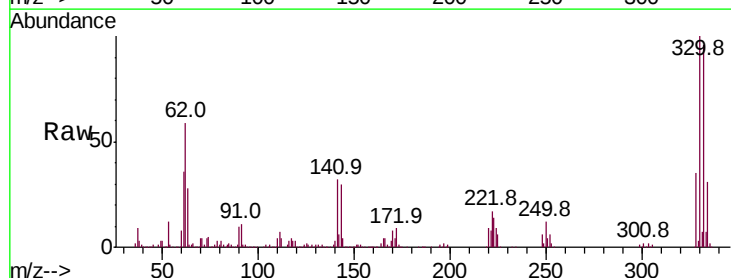
Tgt Ion:330 Resp: 677877

Ion Ratio Lower Upper

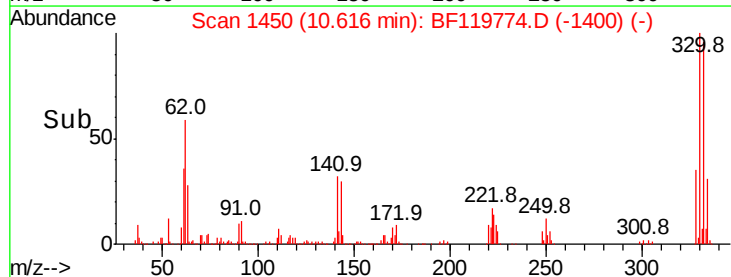
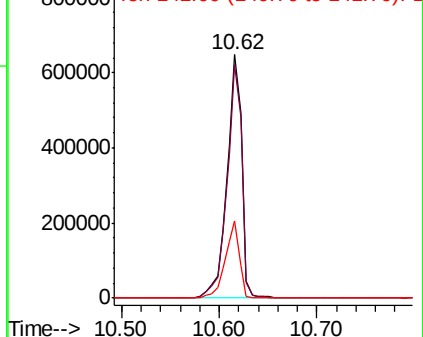
330 100

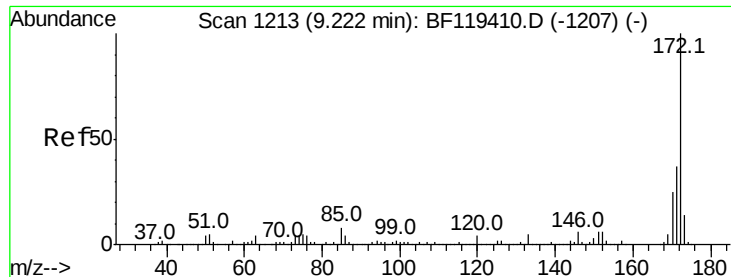
332 96.1 75.7 113.5

141 30.9 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



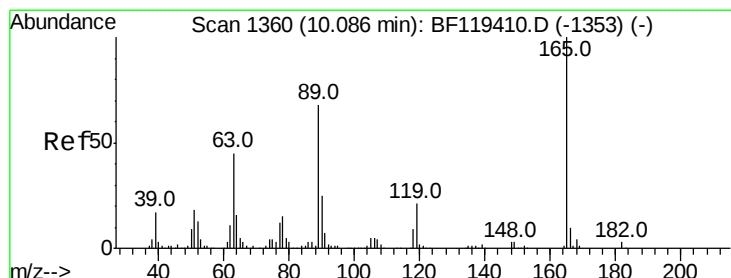
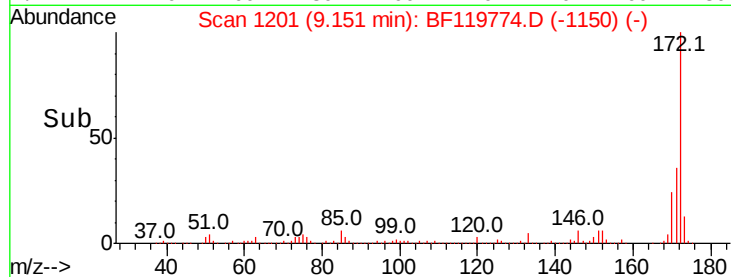
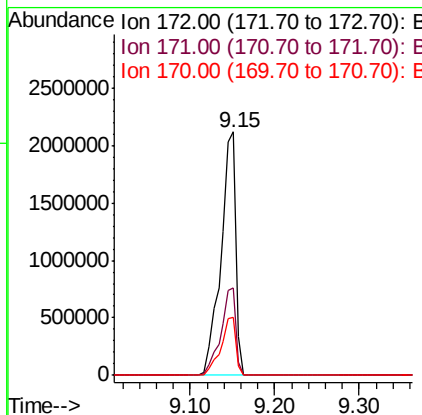
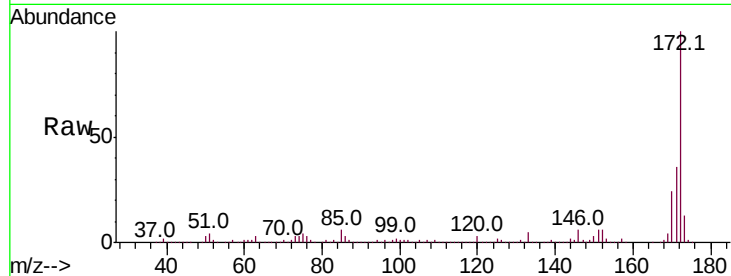


#45
 2-Fluorobiphenyl
 Concen: 109.888 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF119774.D
 Acq: 6 Apr 2020 16:17

Instrument :
 BNA_F
 ClientSampled :
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Tot Ion:172 Resp: 2604589

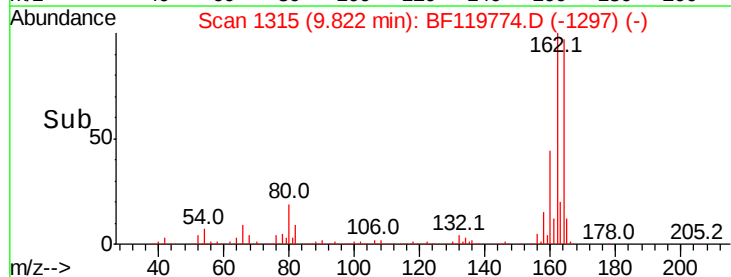
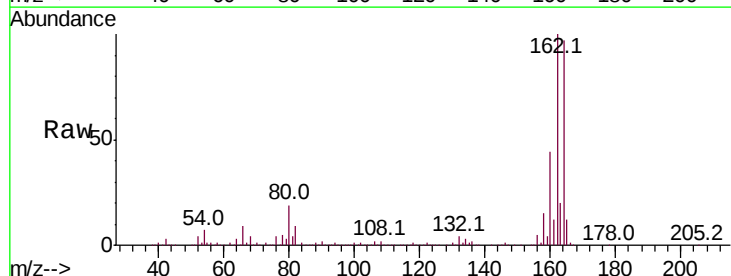
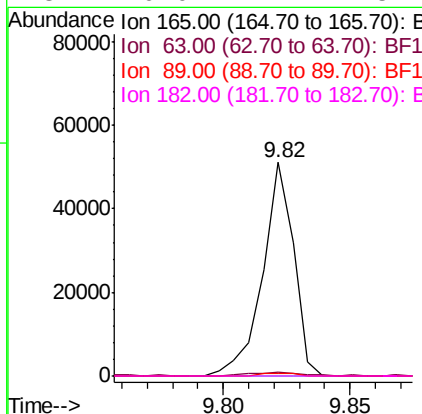
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.1	20.2	30.2

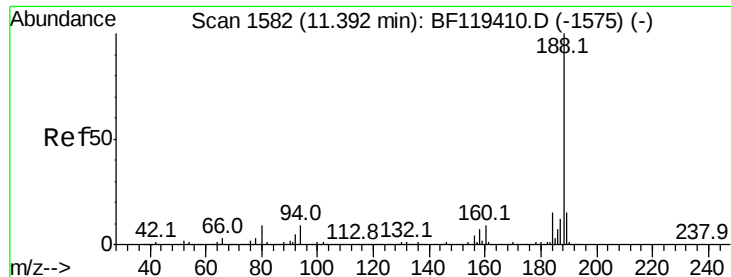


#57
 2,4-Dinitrotoluene
 Concen: 6.523 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF119774.D
 Acq: 6 Apr 2020 16:17

Tgt Ion:165 Resp: 43933

Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.6	64.0#
89	1.4	61.0	91.4#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF119774.D

Acq: 6 Apr 2020 16:17

Instrument :

BNA_F

ClientSampleId :

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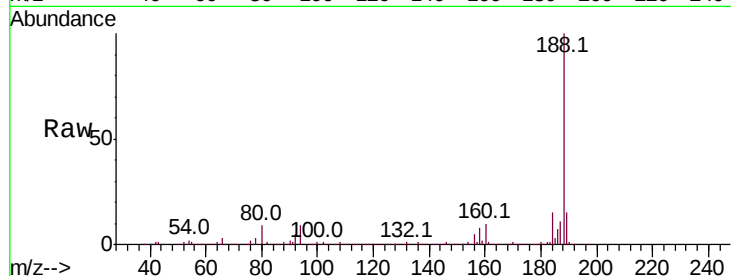
Tot Ion:188 Resp: 661361

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

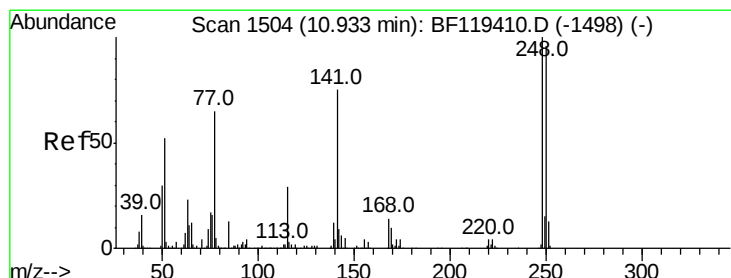
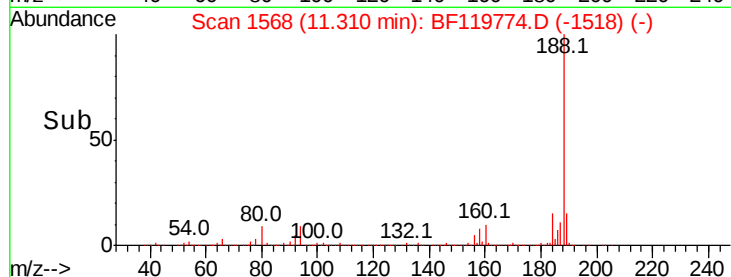
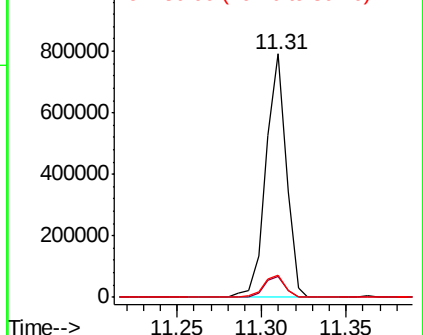
80 9.2 9.0 13.4



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: 5.374 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.25 min

Lab File: BF119774.D

Acq: 6 Apr 2020 16:17

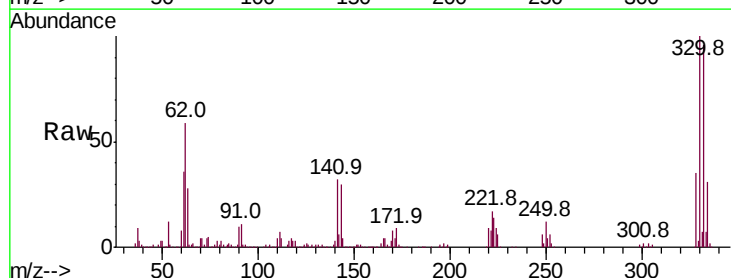
Tgt Ion:248 Resp: 40478

Ion Ratio Lower Upper

248 100

250 196.0 77.3 115.9#

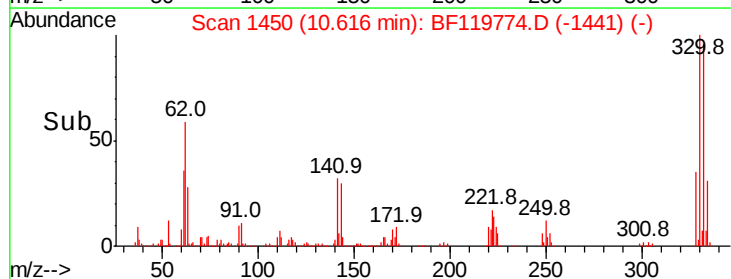
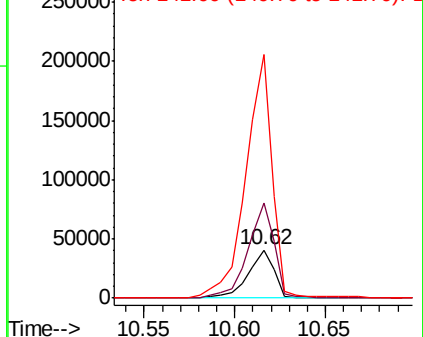
141 504.2 58.6 87.8#

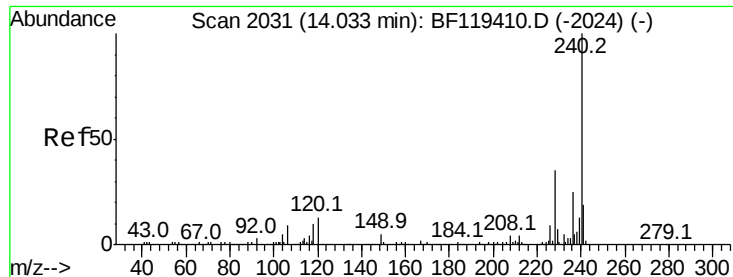


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF119774.D

Acq: 6 Apr 2020 16:17

Instrument :

BNA_F

ClientSampleId :

T-2

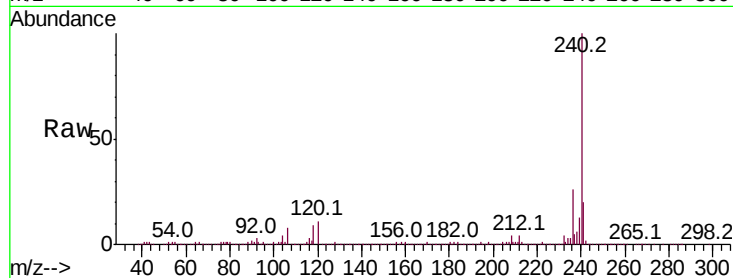
Tot Ion:240 Resp: 464197

Ion Ratio Lower Upper

240 100

120 10.7 10.6 15.8

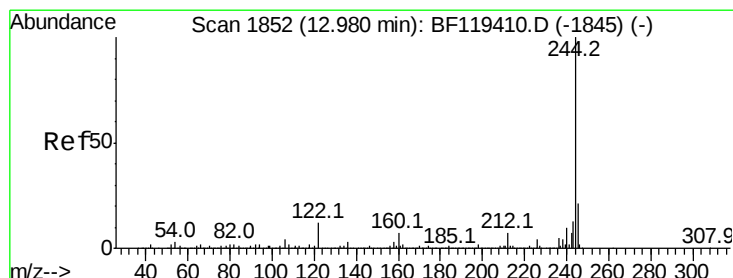
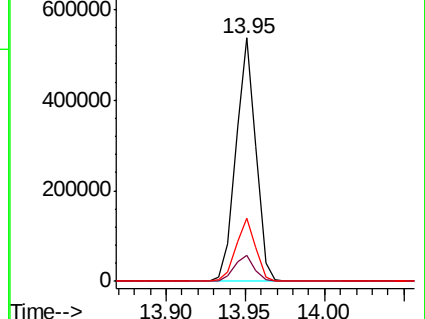
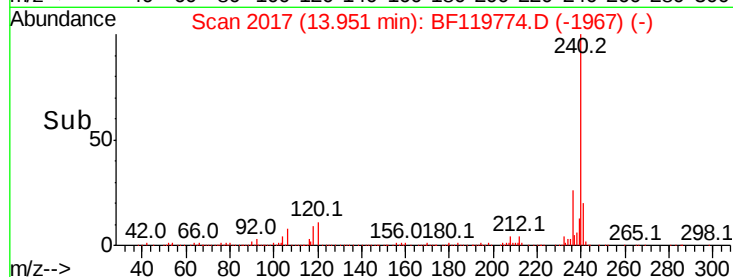
236 26.1 20.2 30.2



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: 119.018 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF119774.D

Acq: 6 Apr 2020 16:17

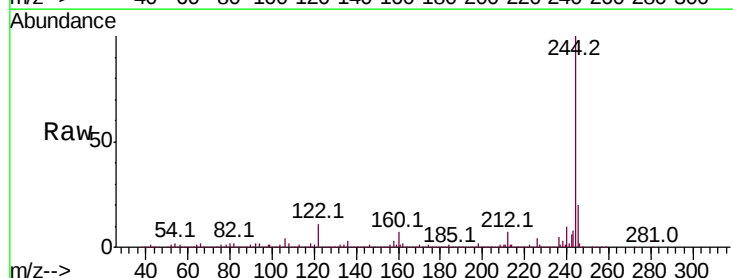
Tgt Ion:244 Resp: 2819890

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

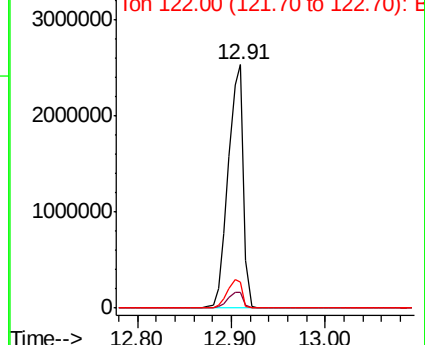
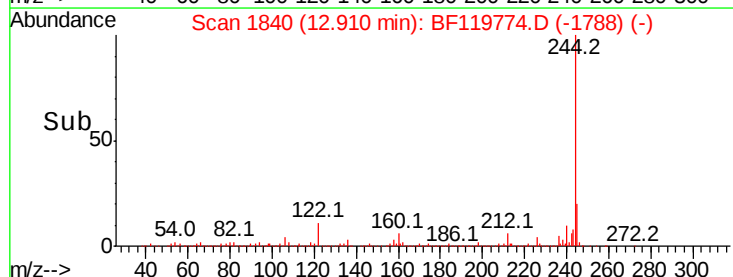
122 10.9 10.3 15.5

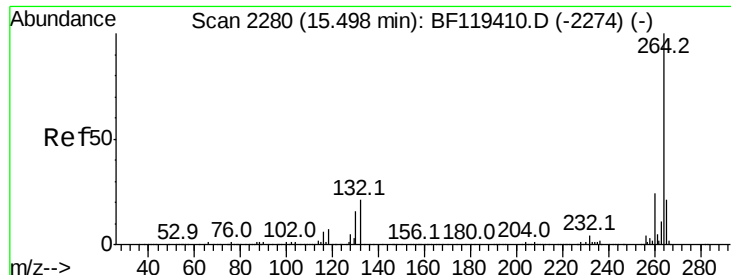


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

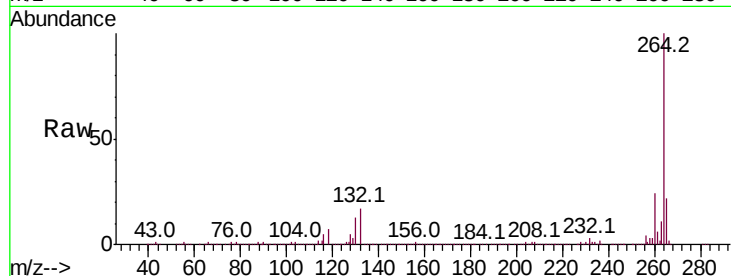




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF119774.D
 Acq: 6 Apr 2020 16:17

Instrument :
 BNA_F
 ClientSampleId :
 T-2

Tot Ion:	264	Resp:	487195
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.8	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

