

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 15:59:32 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

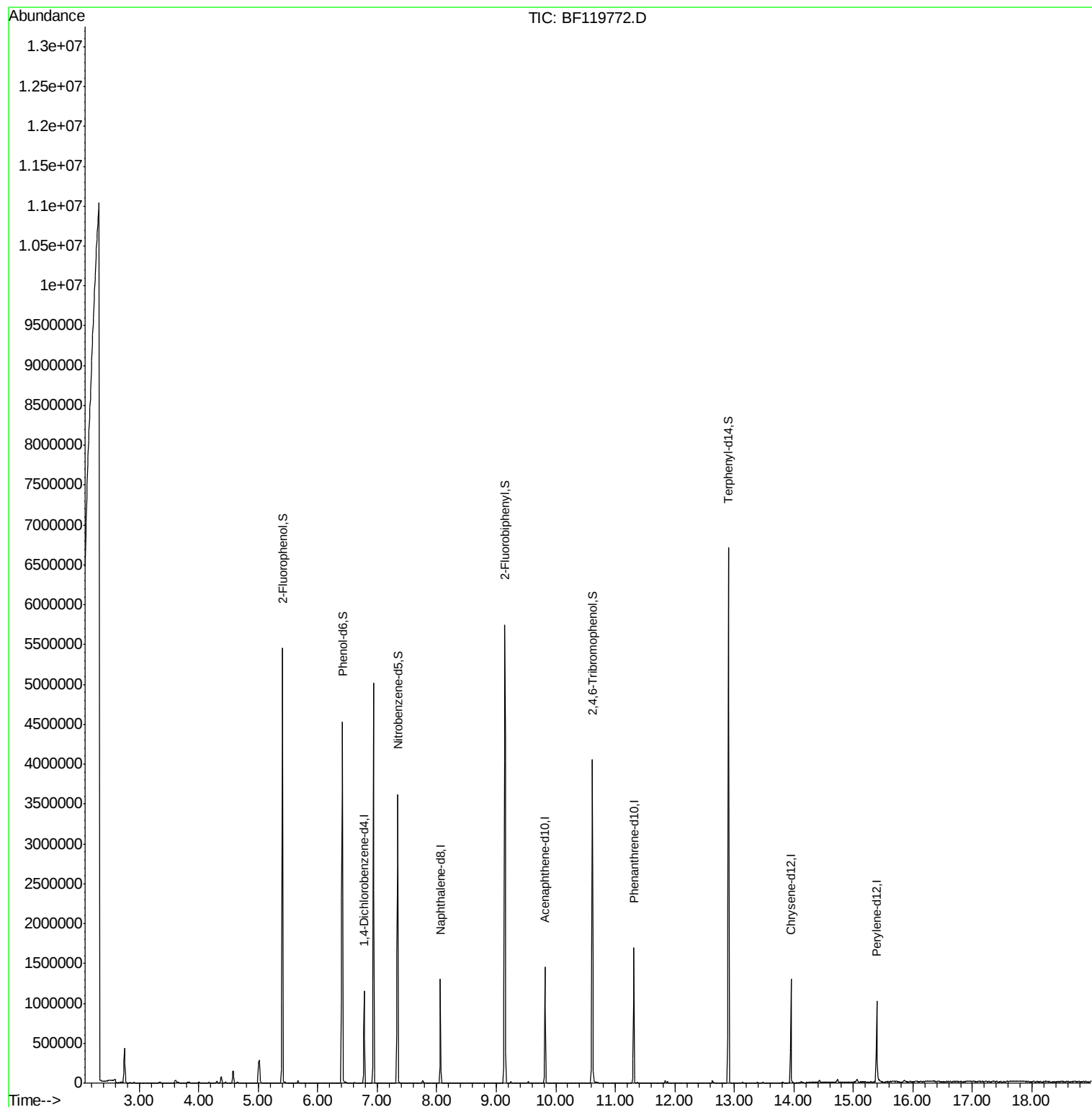
Target Compounds Qvalue

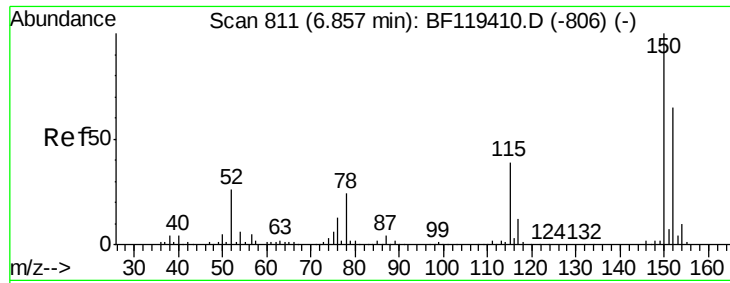
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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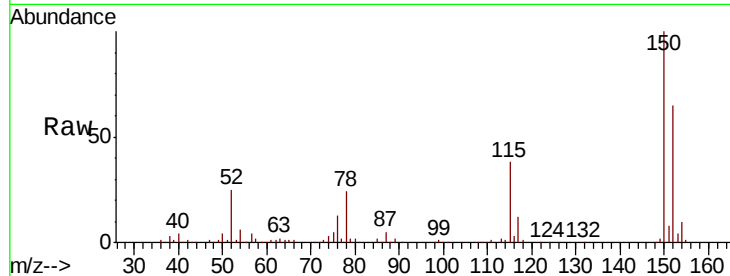


#1

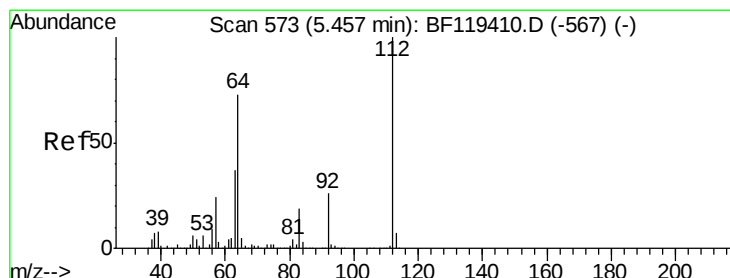
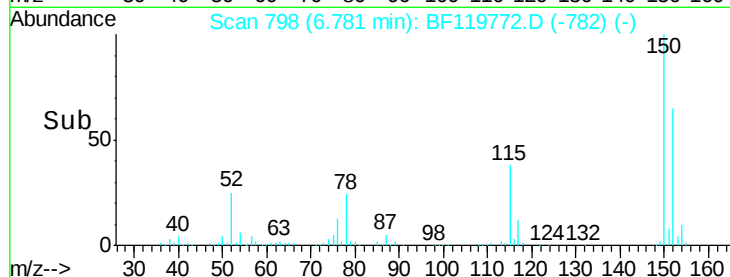
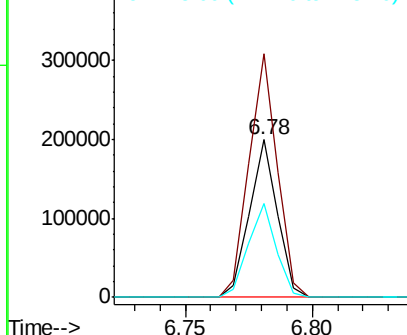
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119772.D
Acq: 6 Apr 2020 15:24

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



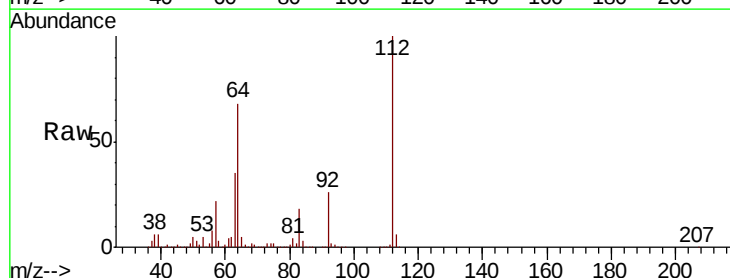
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



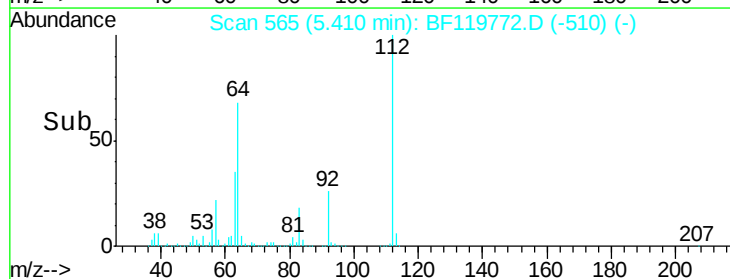
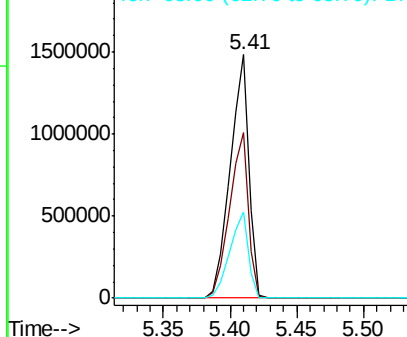
#5

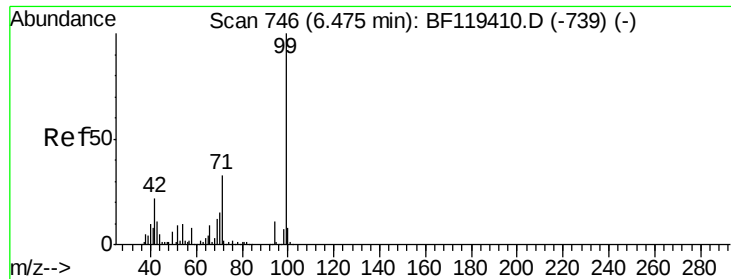
2-Fluorophenol
Concen: 154.364 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF119772.D
Acq: 6 Apr 2020 15:24

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

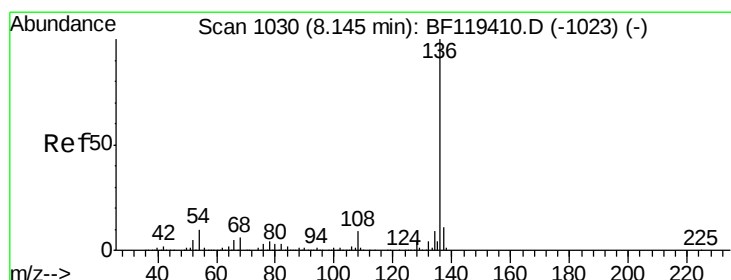
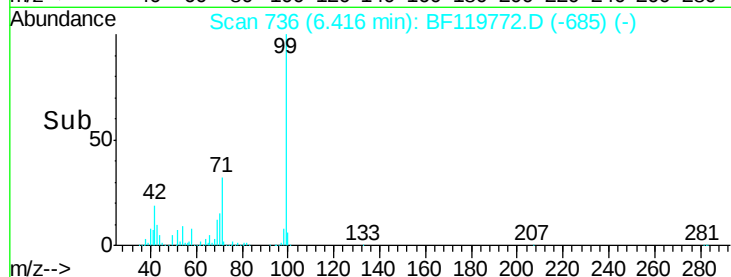
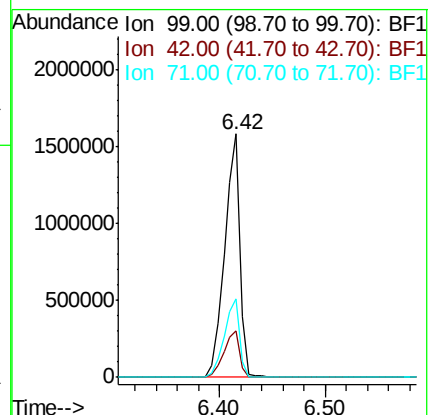
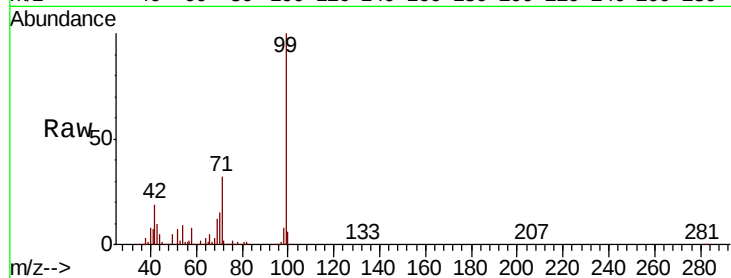
Tot Ion: 99 Resp: 1608110

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

71 32.2 26.4 39.6



#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

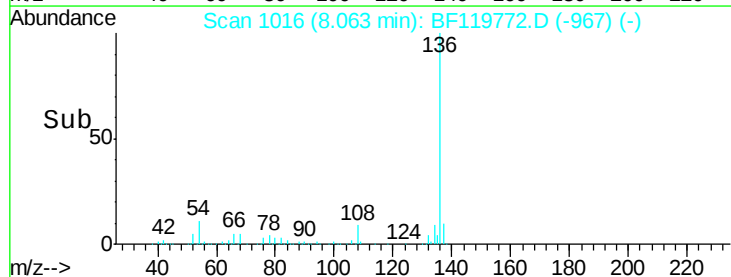
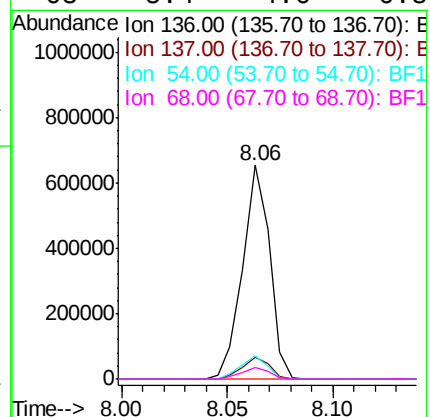
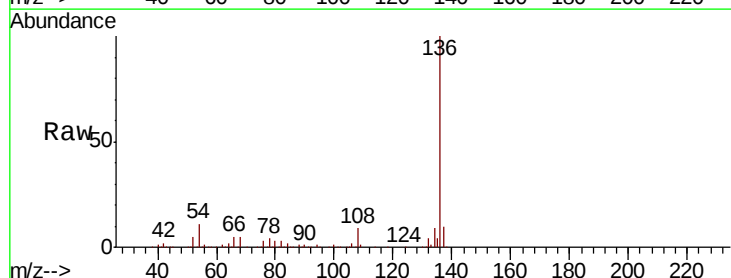
Ion Ratio Lower Upper

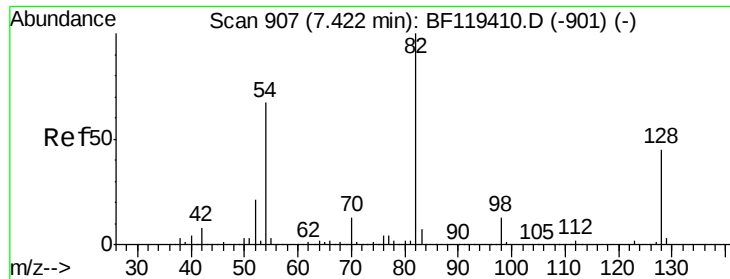
136 100

137 10.4 8.7 13.1

54 10.6 9.1 13.7

68 5.4 4.6 6.8

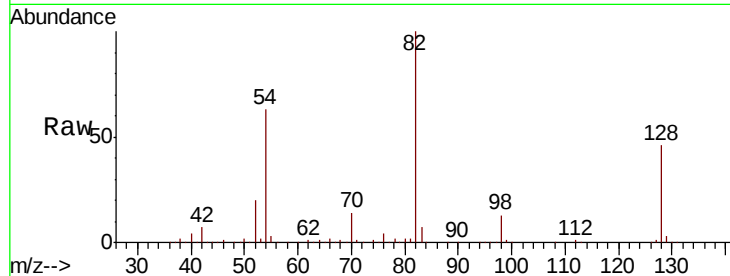




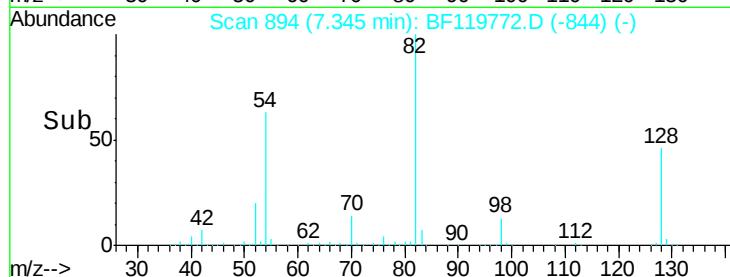
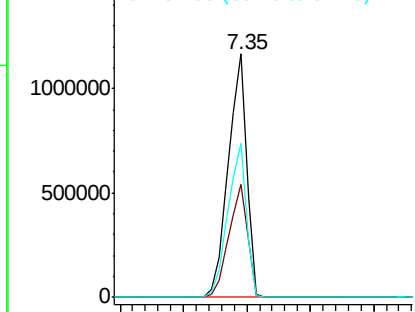
#23
 Nitrobenzene-d5
 Concen: 109.423 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF119772.D
 Acq: 6 Apr 2020 15:24

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

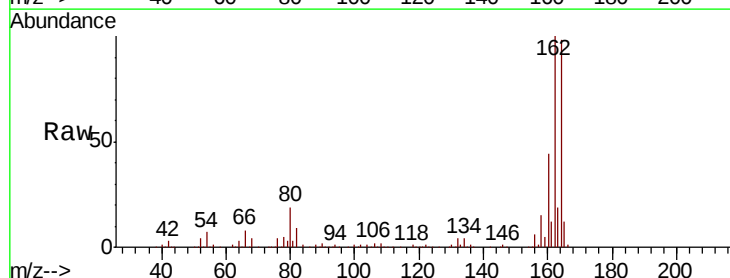


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

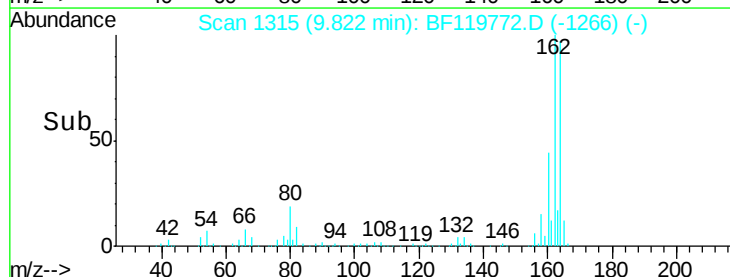
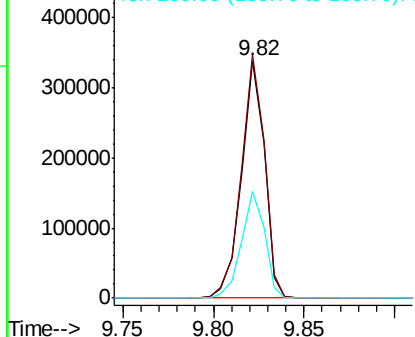


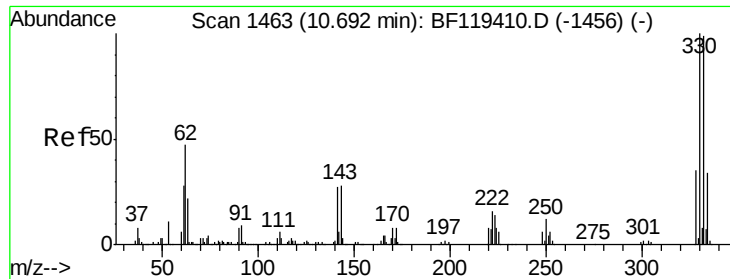
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119772.D
 Acq: 6 Apr 2020 15:24

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



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

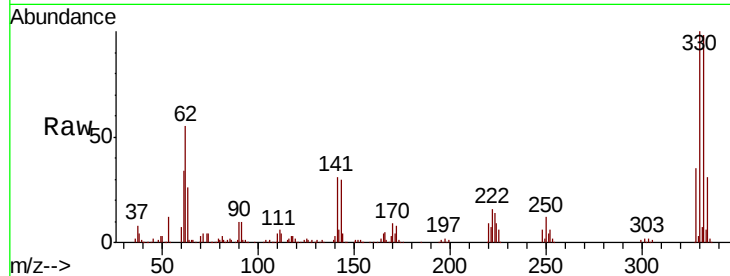




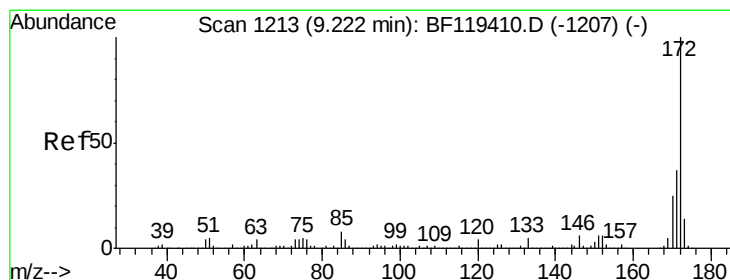
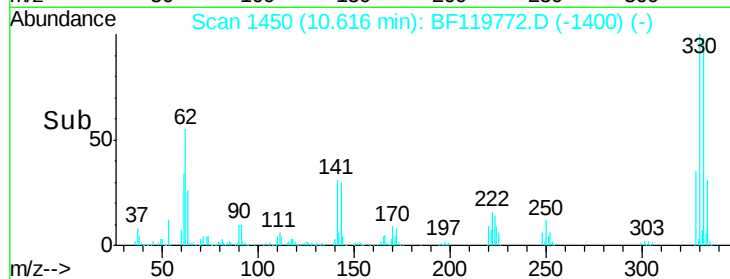
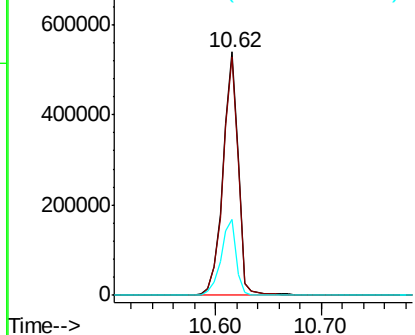
#42
 2,4,6-Tribromophenol
 Concen: 177.510 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119772.D
 Acq: 6 Apr 2020 15:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.7	113.5
141	31.1	25.4	38.0

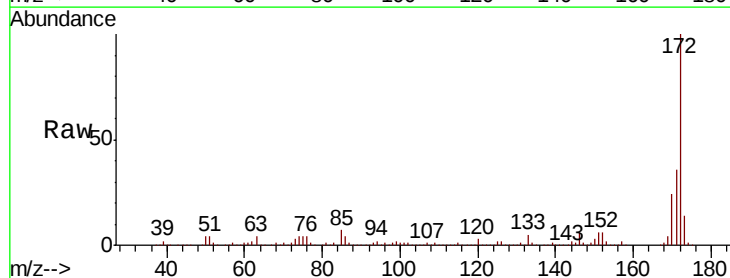


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

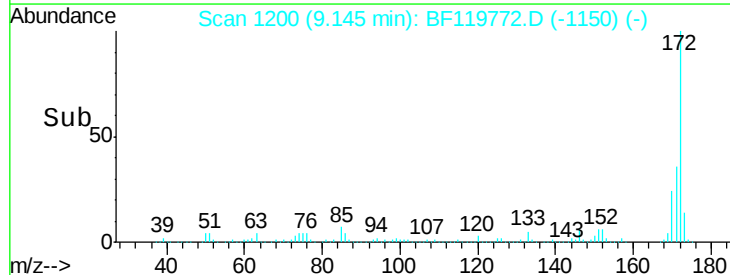
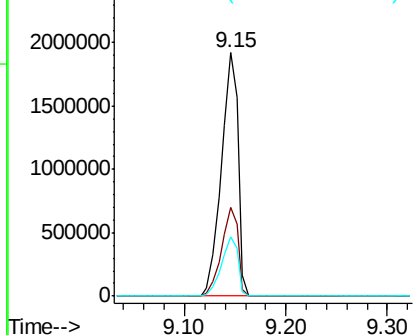


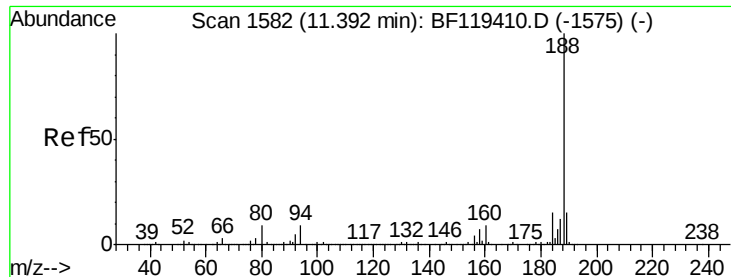
#45
 2-Fluorobiphenyl
 Concen: 107.930 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119772.D
 Acq: 6 Apr 2020 15:24

Tgt 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

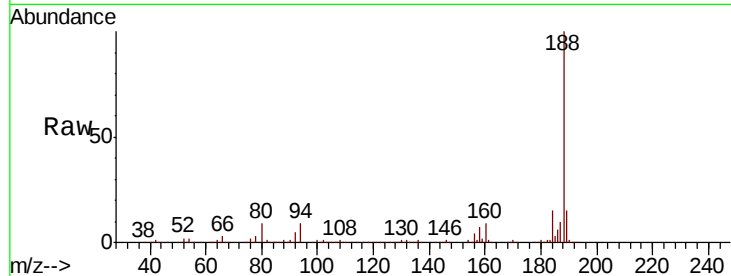




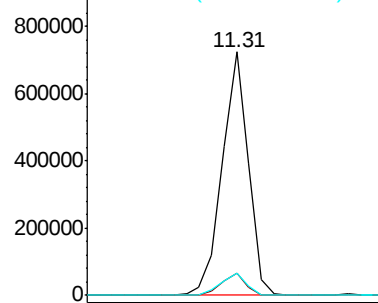
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119772.D
Acq: 6 Apr 2020 15:24

Instrument :
BNA_F
ClientSampleId :
TP-3

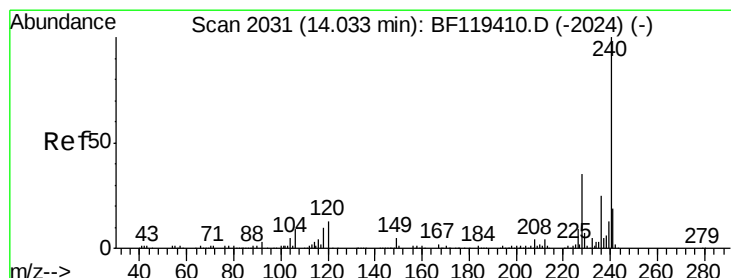
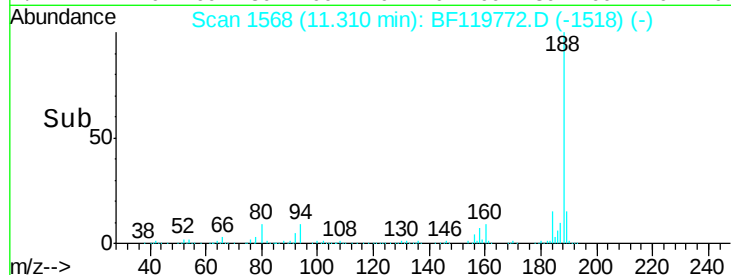
Tot Ion:188 Resp: 620231
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.2 9.0 13.4



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

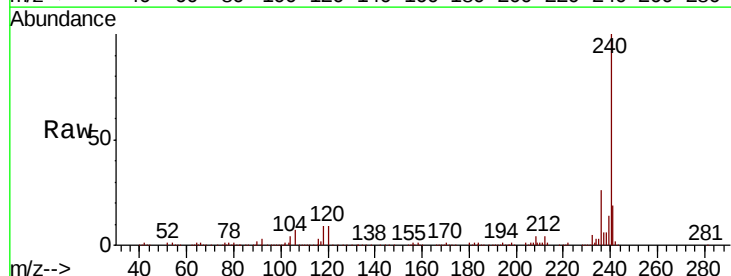


Time-->

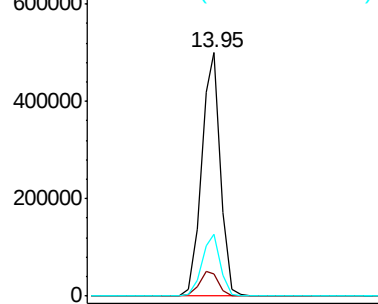


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119772.D
Acq: 6 Apr 2020 15:24

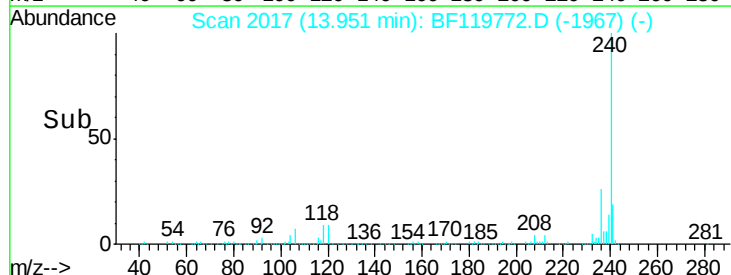
Tgt Ion:240 Resp: 446441
Ion Ratio Lower Upper
240 100
120 9.4 10.6 15.8#
236 25.5 20.2 30.2

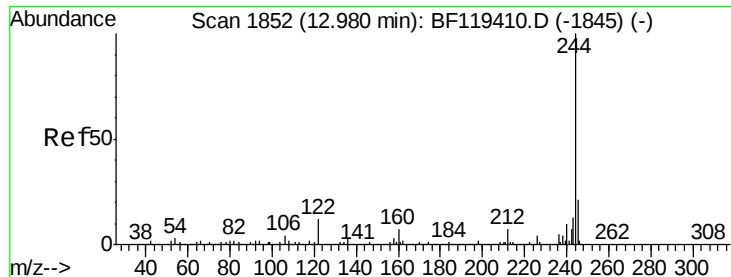


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#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

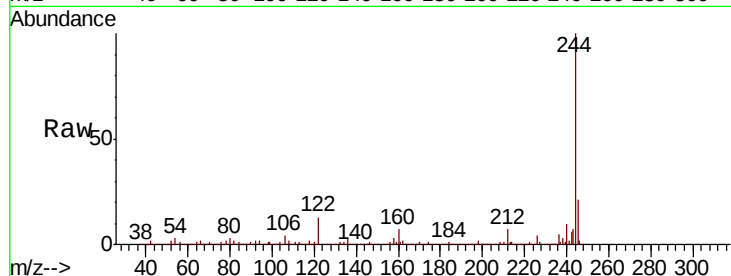
Tot Ion:244 Resp: 2561193

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 13.3 10.3 15.5

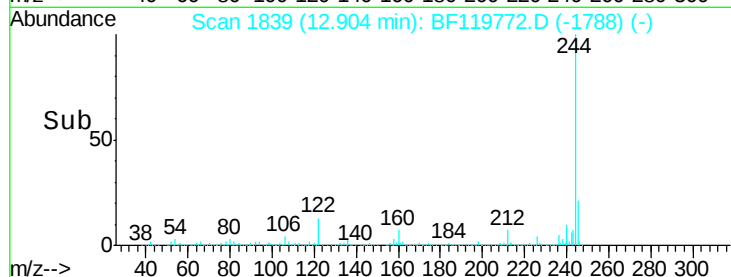


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



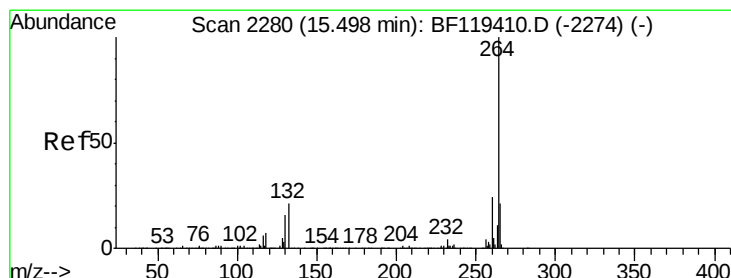
Abundance

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

Time-->



#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

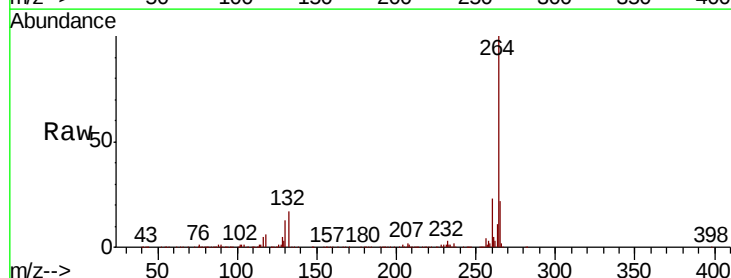
Tgt Ion:264 Resp: 457157

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.7 17.7 26.5

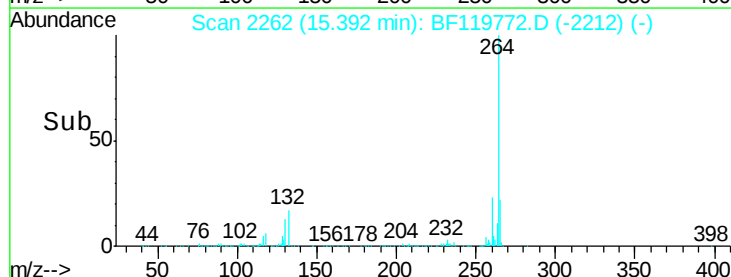


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



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

Time-->