

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119790.D
 Acq On : 7 Apr 2020 00:25
 Operator : MA/SJ
 Sample : L2129-34
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Apr 07 01:56:14 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

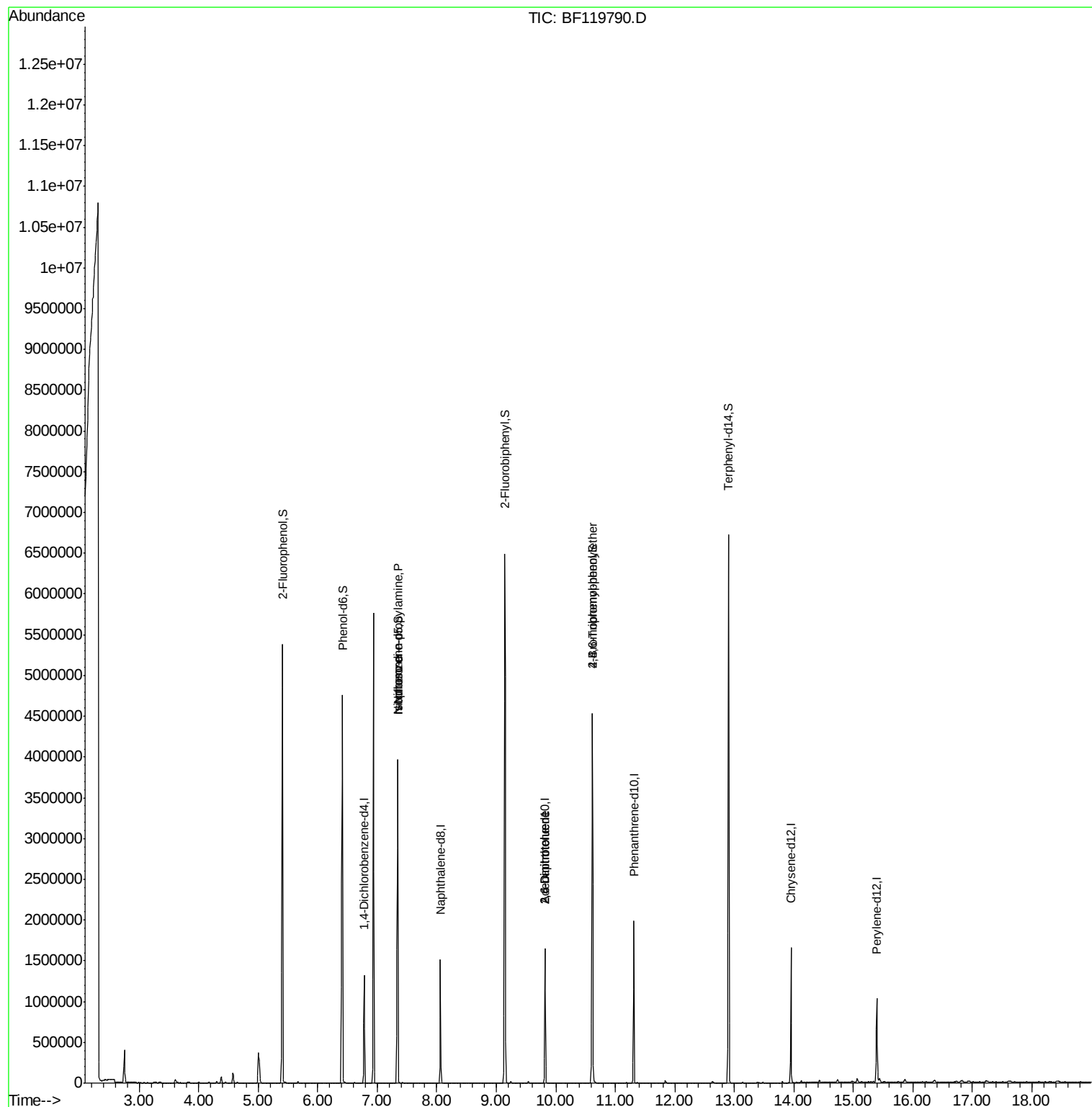
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	175780	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	671165	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	349921	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	674998	20.00	ng	0.00
76) Chrysene-d12	13.95	240	514017	20.00	ng	0.00
87) Perylene-d12	15.39	264	488457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1559208	141.21	ng	0.02
7) Phenol-d6	6.42	99	1791784	127.03	ng	0.00
23) Nitrobenzene-d5	7.35	82	1299195	105.20	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	628084	173.98	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2454921	103.93	ng	0.00
79) Terphenyl-d14	12.90	244	2736239	104.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	168310	19.80	ng	# 74
25) Isophorone	7.35	82	1299183	51.86	ng	# 65
51) 2,6-Dinitrotoluene	9.82	165	43913	8.24	ng	# 26
57) 2,4-Dinitrotoluene	9.82	165	43913	6.54	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	37059	4.82	ng	# 1

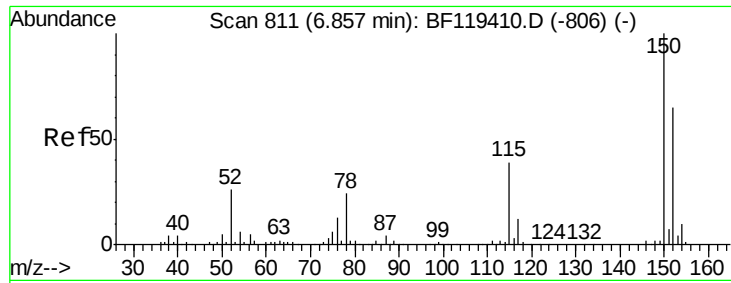
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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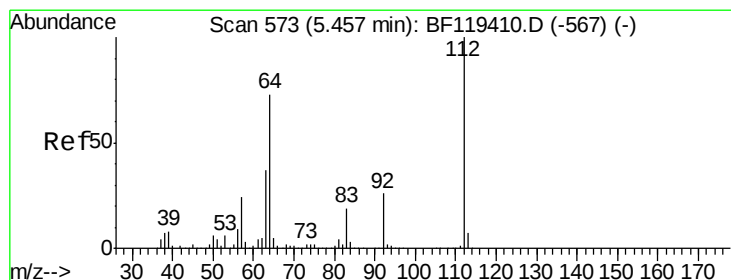
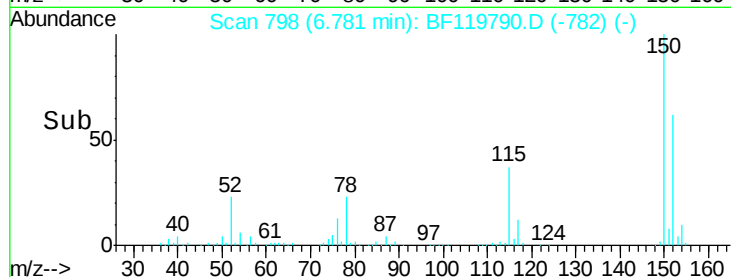
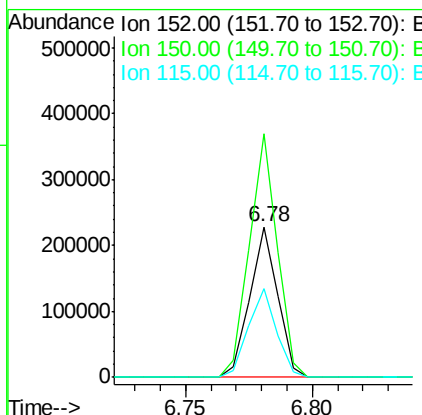
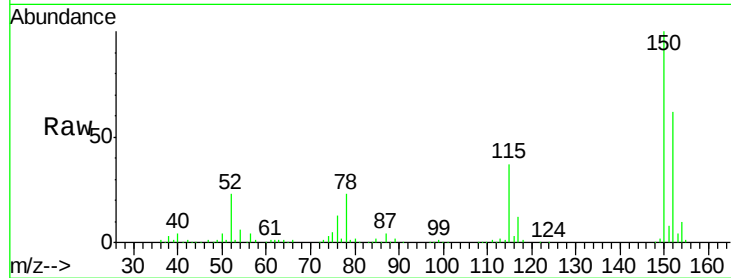




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119790.D
 Acq: 7 Apr 2020 00:25

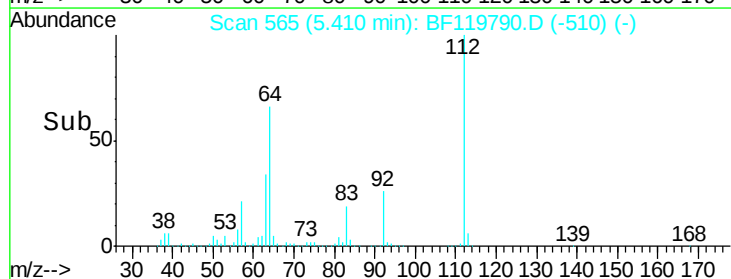
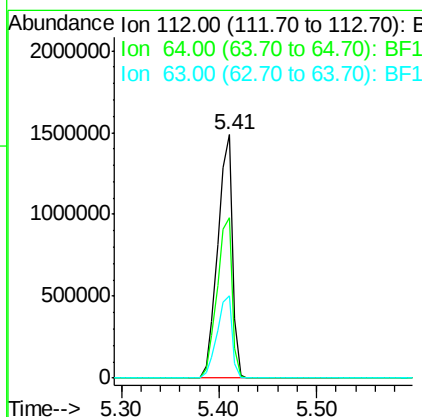
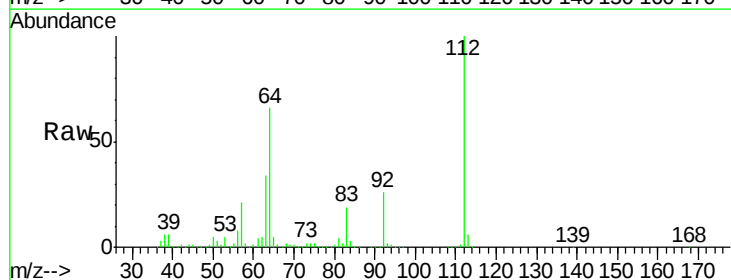
Instrument :
 BNA_F
 ClientSampled :
 TP-5

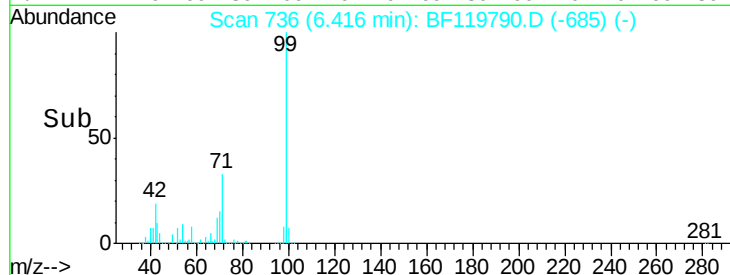
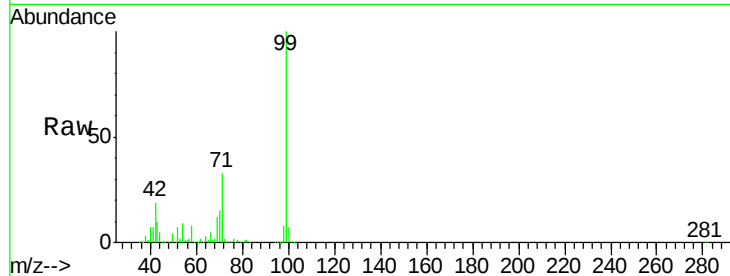
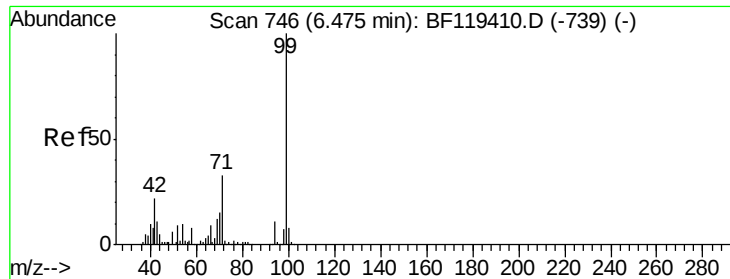
Tgt Ion:152 Resp: 175780
 Ion Ratio Lower Upper
 152 100
 150 161.5 124.5 186.7
 115 59.3 49.6 74.4



#5
 2-Fluorophenol
 Concen: 141.21 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: BF119790.D
 Acq: 7 Apr 2020 00:25

Tgt Ion:112 Resp: 1559208
 Ion Ratio Lower Upper
 112 100
 64 65.8 56.7 85.1
 63 33.9 29.5 44.3





#7

Phenol-d6

Concen: 127.03 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119790.D

Acq: 7 Apr 2020 00:25

Instrument :

BNA_F

ClientSampleId :

TP-5

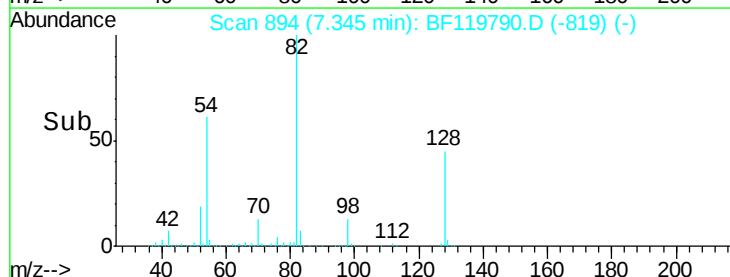
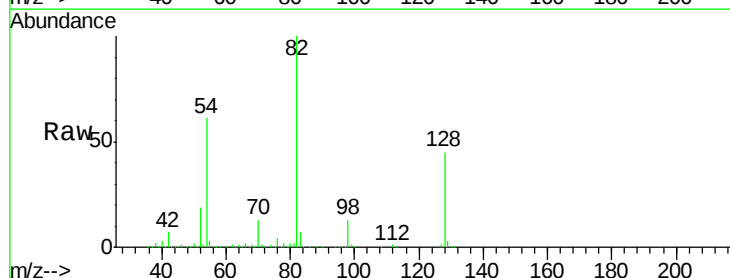
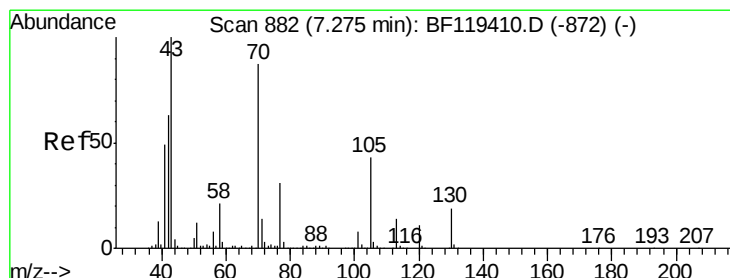
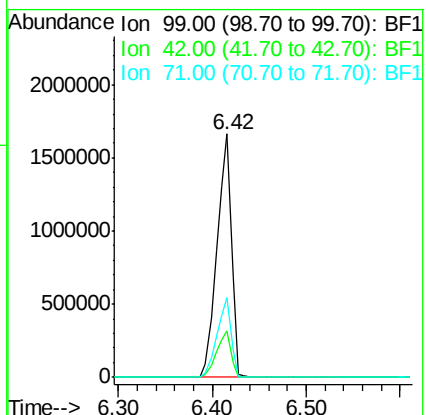
Tgt Ion: 99 Resp: 1791784

Ion Ratio Lower Upper

99 100

42 19.3 16.6 24.8

71 33.0 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.80 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119790.D

Acq: 7 Apr 2020 00:25

Tgt Ion: 70 Resp: 168310

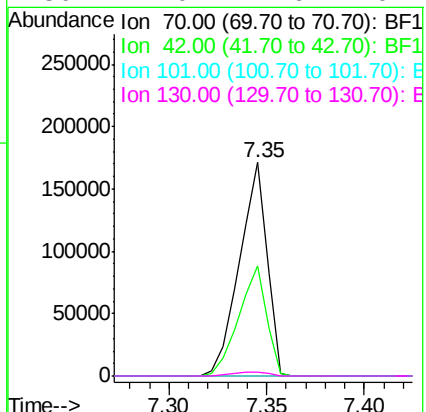
Ion Ratio Lower Upper

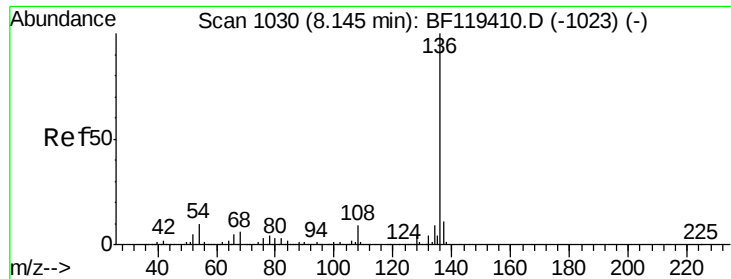
70 100

42 51.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.0 17.6 26.4#

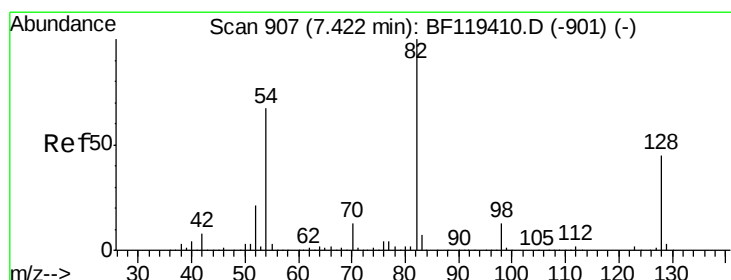
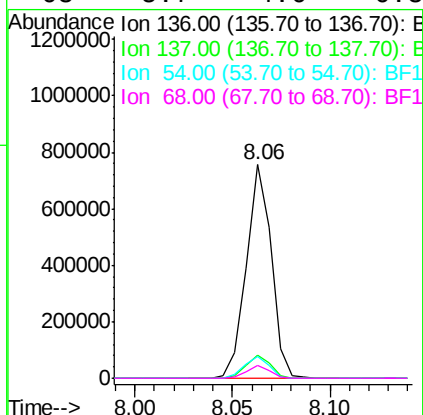
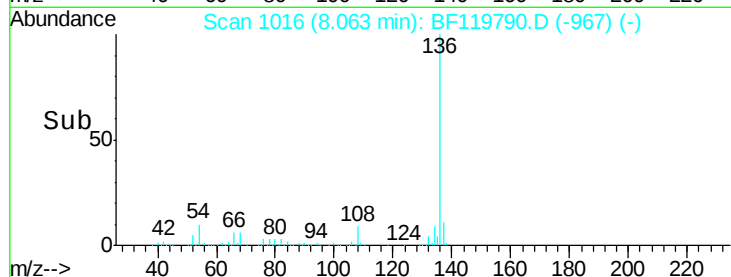
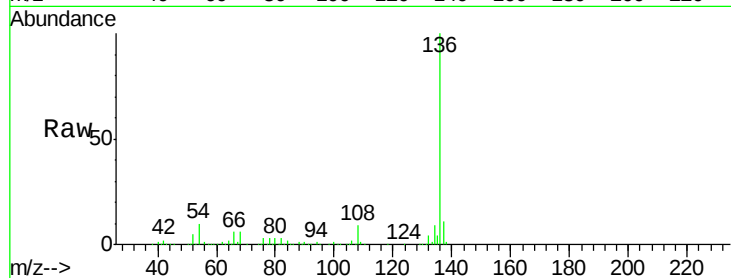




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF119790.D
Acq: 7 Apr 2020 00:25

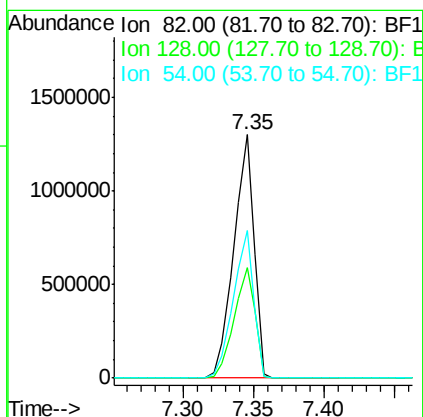
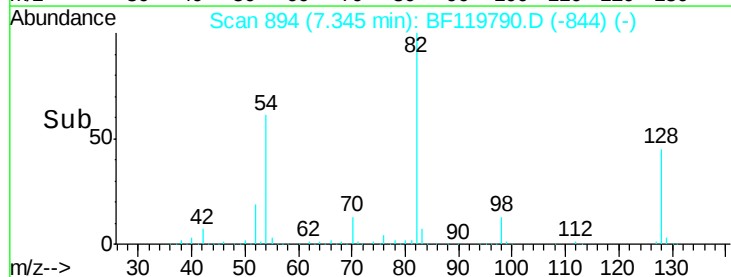
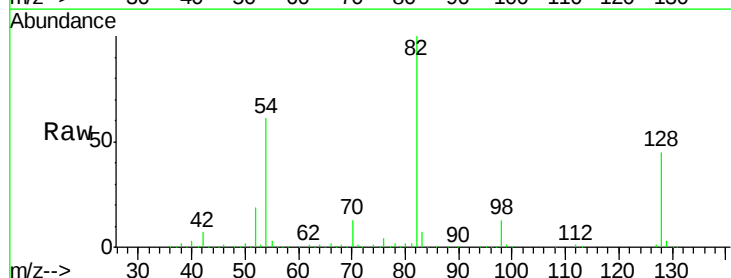
Instrument :
BNA_F
ClientSampled :
TP-5

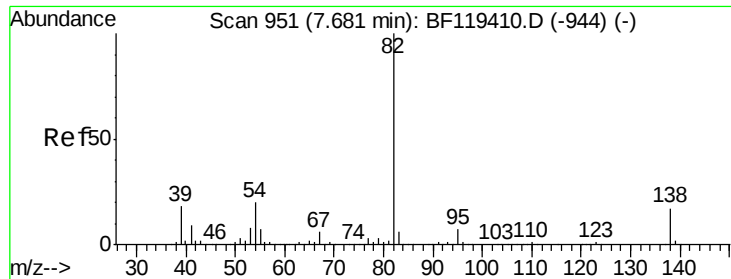
Tgt Ion:136	Resp:	671165
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	10.4	9.1 13.7
68	5.7	4.6 6.8



#23
Nitrobenzene-d5
Concen: 105.20 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119790.D
Acq: 7 Apr 2020 00:25

Tgt Ion: 82	Resp:	1299195
Ion Ratio	Lower	Upper
82	100	
128	45.3	36.3 54.5
54	60.8	50.6 75.8





#25

Isophorone

Concen: 51.86 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119790.D

Acq: 7 Apr 2020 00:25

Instrument :

BNA_F

ClientSampleId :

TP-5

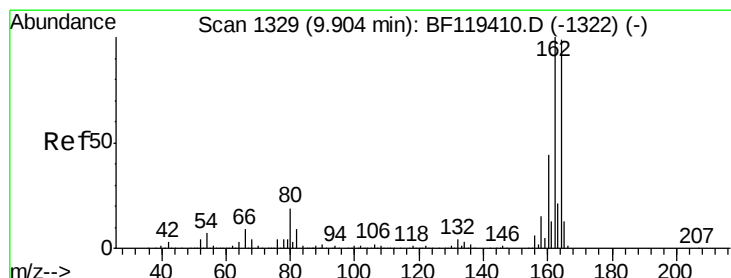
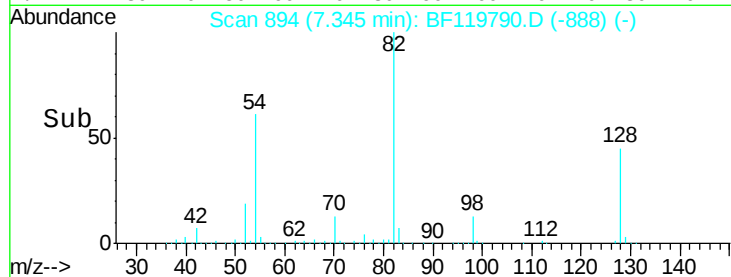
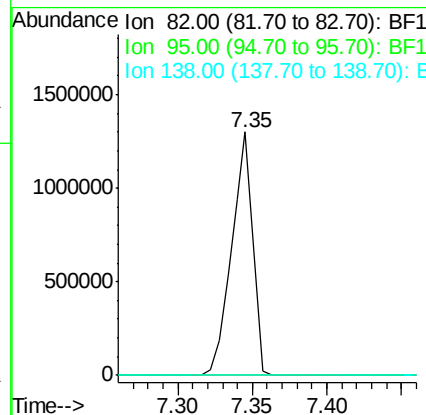
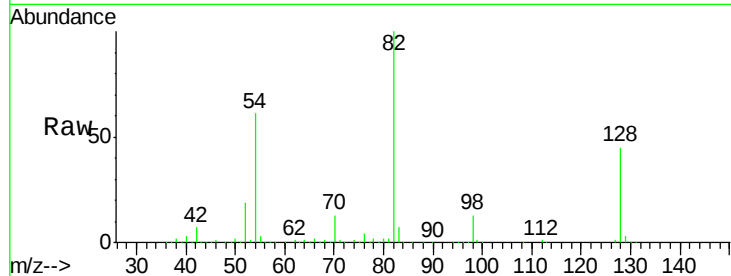
Tgt Ion: 82 Resp: 1299183

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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119790.D

Acq: 7 Apr 2020 00:25

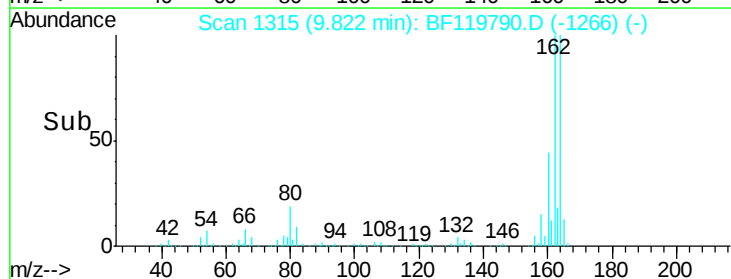
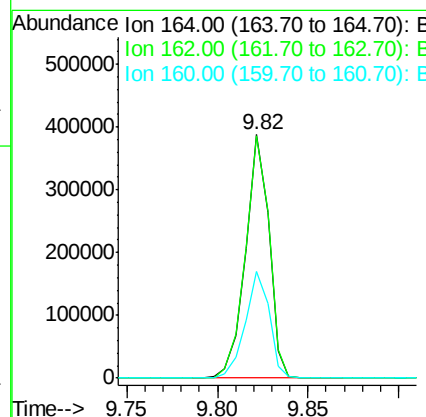
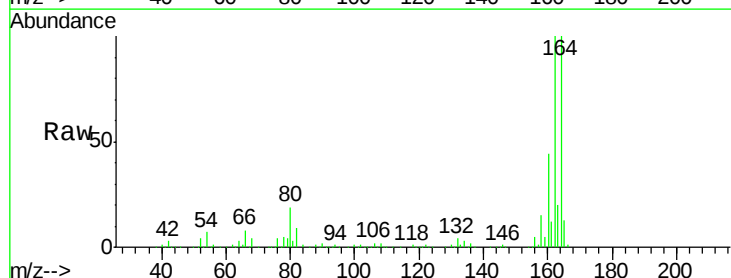
Tgt Ion: 164 Resp: 349921

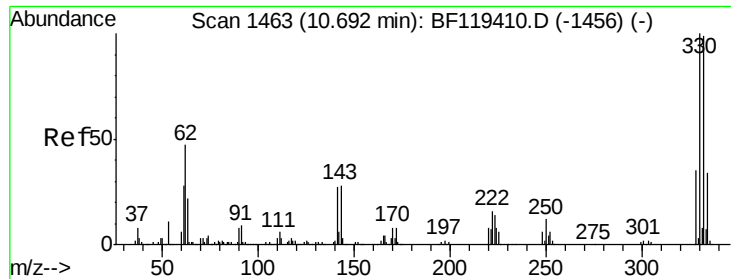
Ion Ratio Lower Upper

164 100

162 99.7 80.6 121.0

160 43.7 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 173.98 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF119790.D

Acq: 7 Apr 2020 00:25

Instrument :

BNA_F

ClientSampleId :

TP-5

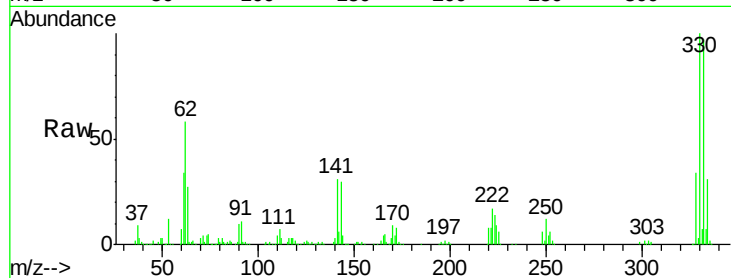
Tgt Ion:330 Resp: 628084

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

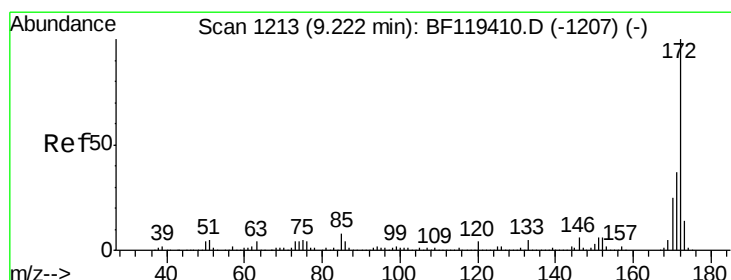
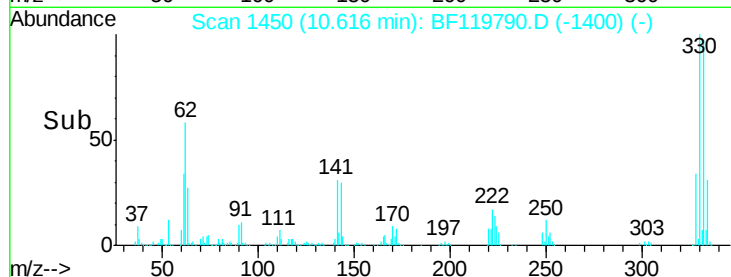
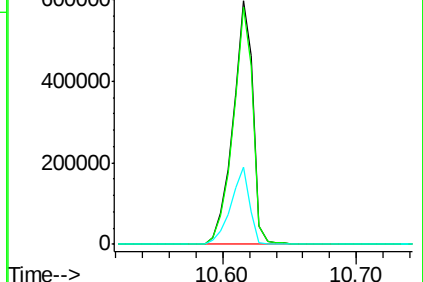
141 29.9 25.4 38.0



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: 103.93 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF119790.D

Acq: 7 Apr 2020 00:25

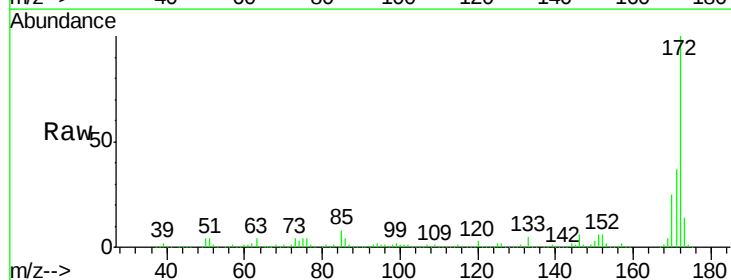
Tgt Ion:172 Resp: 2454921

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

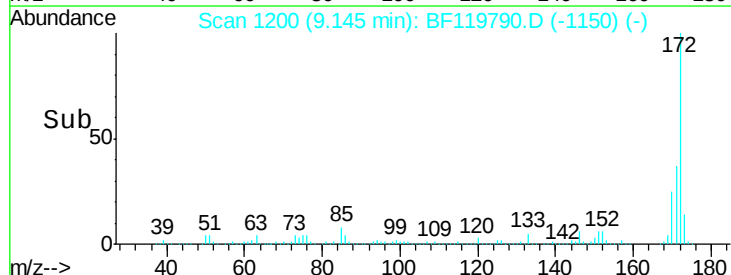
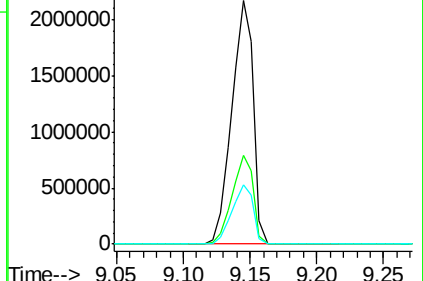
170 24.6 20.2 30.2

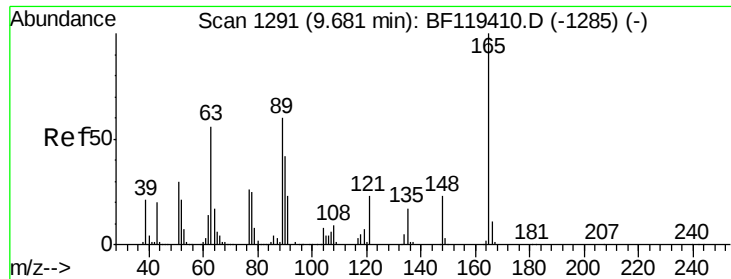


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

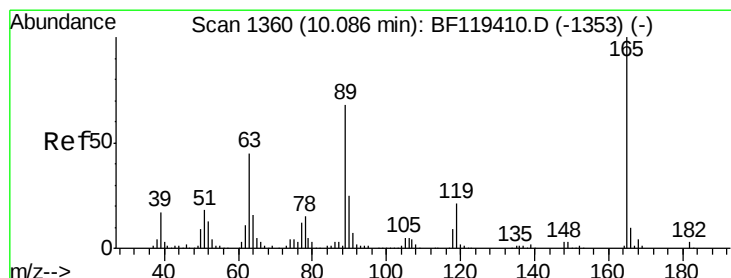
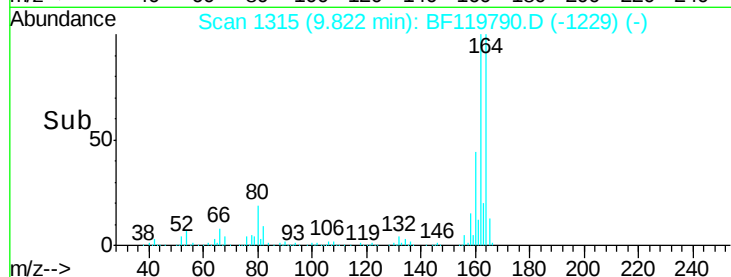
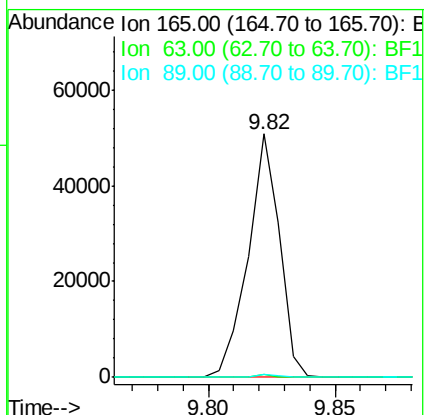
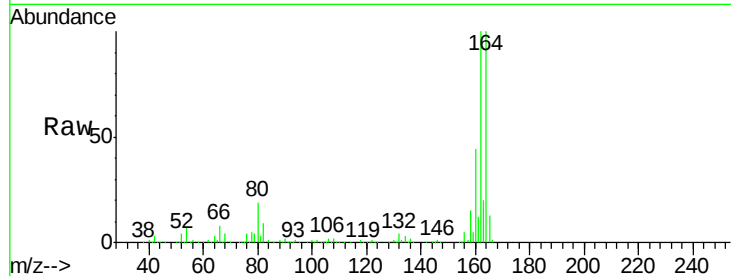




#51
 2,6-Dinitrotoluene
 Concen: 8.24 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF119790.D
 Acq: 7 Apr 2020 00:25

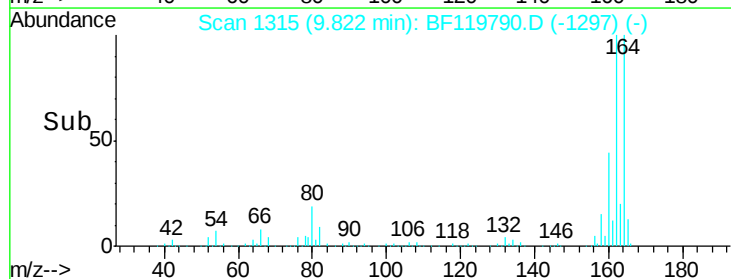
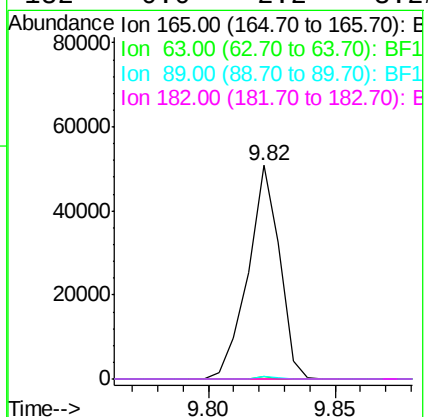
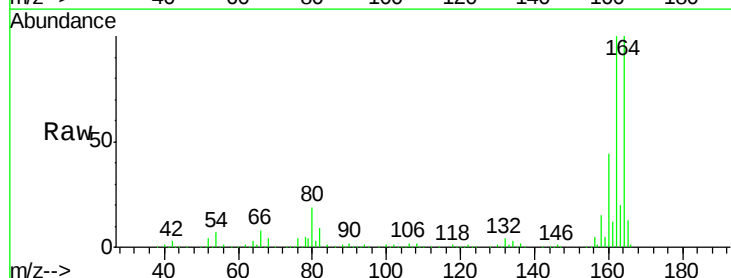
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 ClientSampleId :
 TP-5

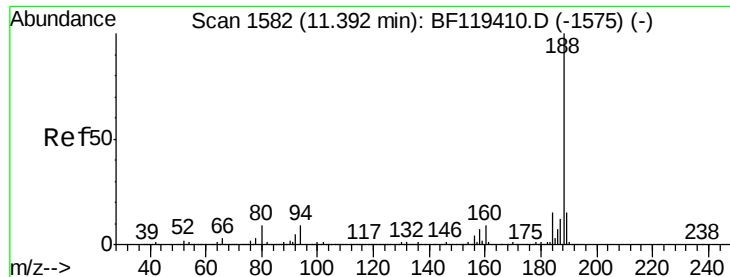
Tgt Ion:165 Resp: 43913
 Ion Ratio Lower Upper
 165 100
 63 1.0 45.0 67.4#
 89 1.2 41.5 62.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.54 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF119790.D
 Acq: 7 Apr 2020 00:25

Tgt Ion:165 Resp: 43913
 Ion Ratio Lower Upper
 165 100
 63 1.0 42.6 64.0#
 89 1.2 61.0 91.4#
 182 0.0 2.2 3.2#

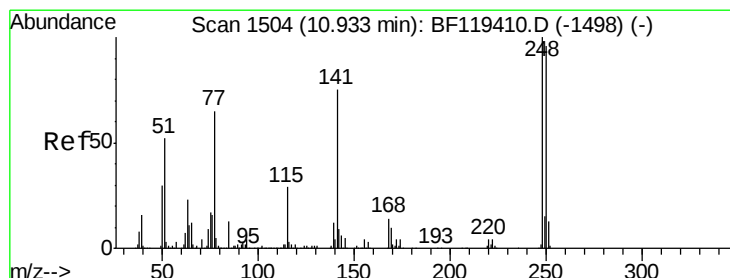
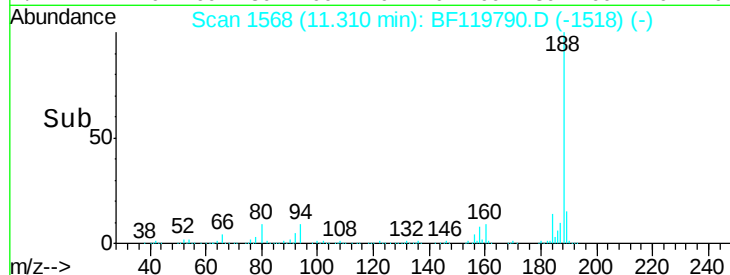
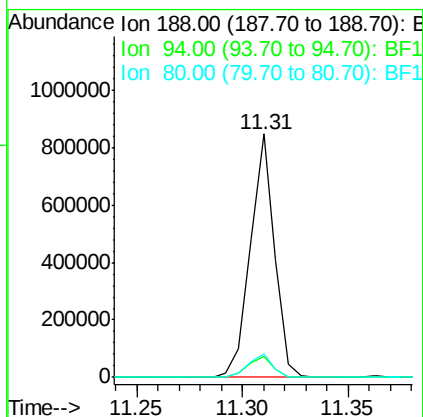
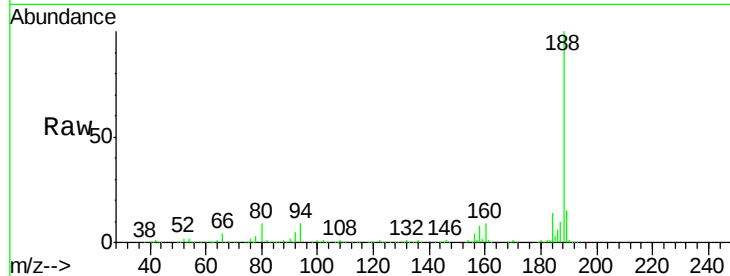




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119790.D
 Acq: 7 Apr 2020 00:25

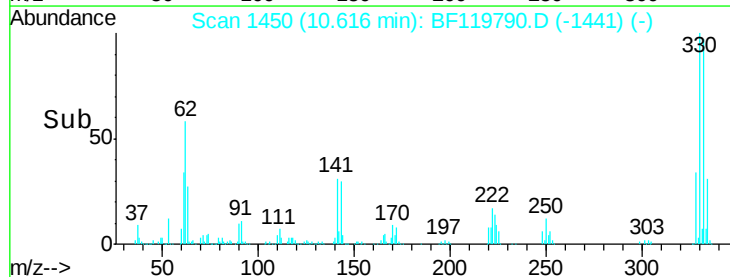
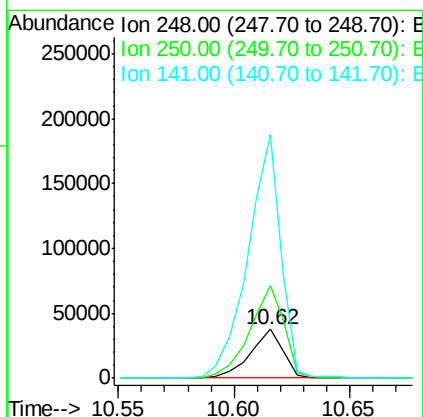
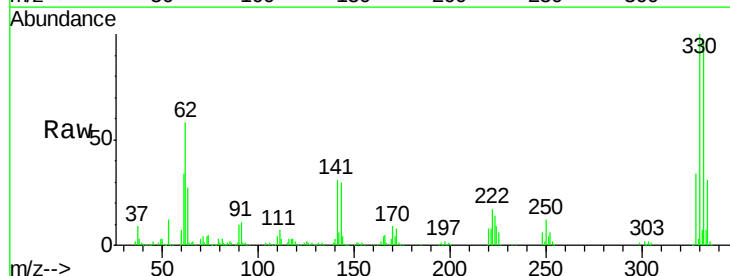
Instrument :
 BNA_F
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 TP-5

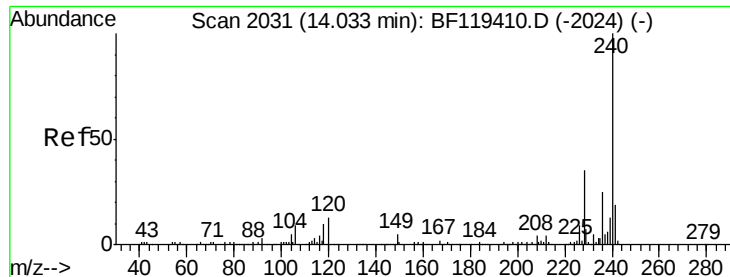
Tgt Ion:188 Resp: 674998
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.5 11.3
 80 9.4 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.82 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF119790.D
 Acq: 7 Apr 2020 00:25

Tgt Ion:248 Resp: 37059
 Ion Ratio Lower Upper
 248 100
 250 191.4 77.3 115.9#
 141 500.4 58.6 87.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF119790.D

Acq: 7 Apr 2020 00:25

Instrument :

BNA_F

ClientSampleId :

TP-5

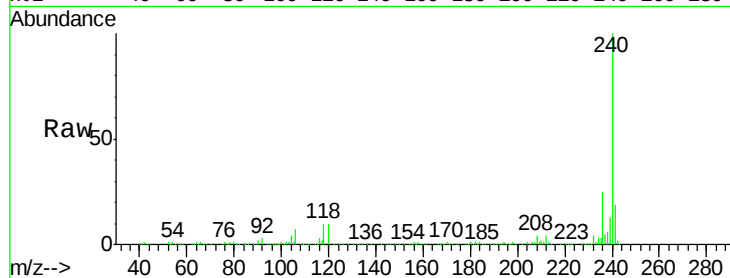
Tgt Ion:240 Resp: 514017

Ion Ratio Lower Upper

240 100

120 10.4 10.6 15.8#

236 25.1 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

800000

600000

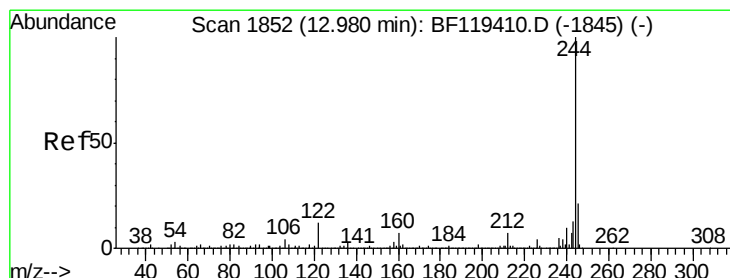
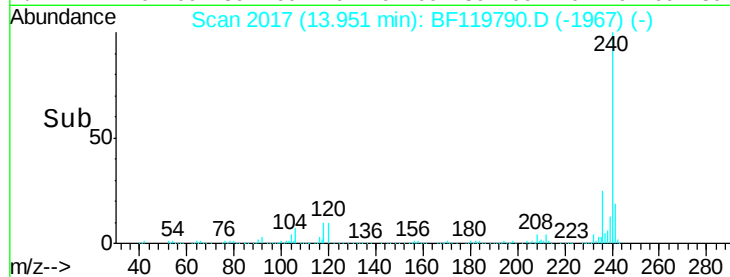
400000

200000

0

13.90 13.95 14.00 14.05

Time-->



#79

Terphenyl-d14

Concen: 104.29 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF119790.D

Acq: 7 Apr 2020 00:25

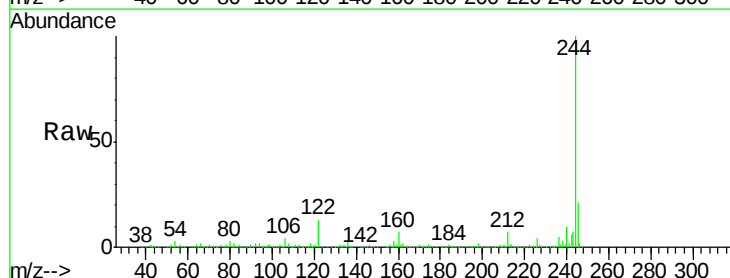
Tgt Ion:244 Resp: 2736239

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 13.5 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

3000000

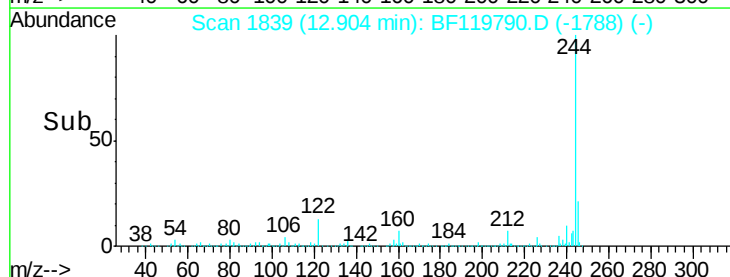
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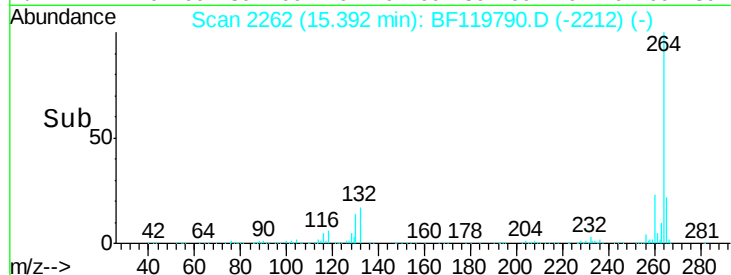
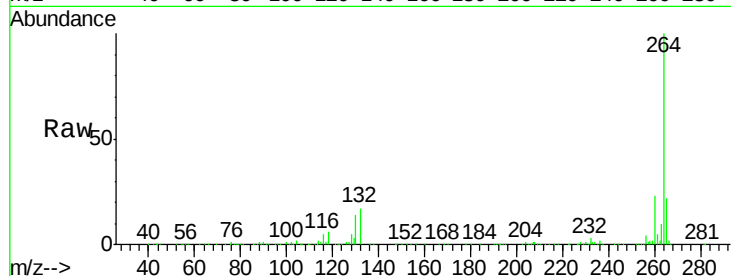
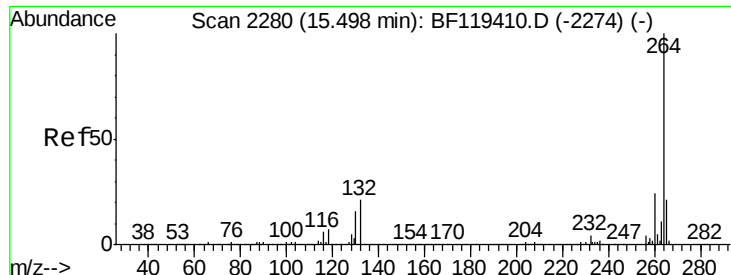
1000000

0

12.80 12.90 13.00

Time-->





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF119790.D
Acq: 7 Apr 2020 00:25

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:	264	Resp:	488457
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.8	17.7	26.5

