

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119793.D
 Acq On : 7 Apr 2020 1:46
 Operator : MA/SJ
 Sample : L2101-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-L-01

Quant Time: Apr 07 03:11:54 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

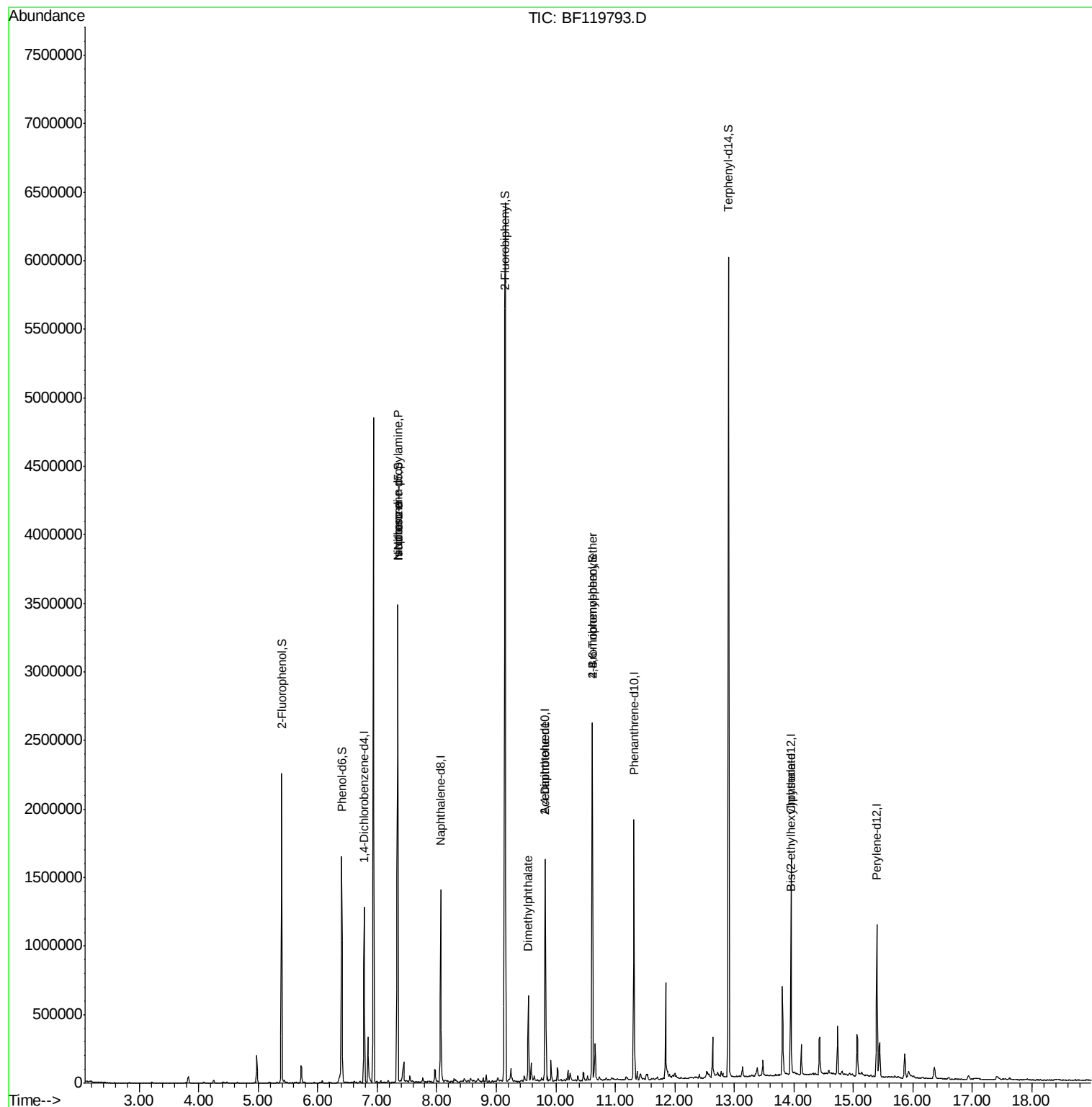
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	178127	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	697773	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	359323	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	670907	20.00	ng	0.00
76) Chrysene-d12	13.95	240	507283	20.00	ng	0.00
87) Perylene-d12	15.40	264	491064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	536776	47.97	ng	0.00
7) Phenol-d6	6.40	99	506796	35.46	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1227437	95.60	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	352134	94.99	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2286297	94.26	ng	0.00
79) Terphenyl-d14	12.90	244	2365989	91.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	165698	19.23	ng	# 74
25) Isophorone	7.35	82	1223608	46.98	ng	# 65
50) Dimethylphthalate	9.54	163	219093	8.58	ng	99
57) 2,4-Dinitrotoluene	9.82	165	46512	6.75	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	21079	2.76	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.94	149	51045	2.54	ng	99

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

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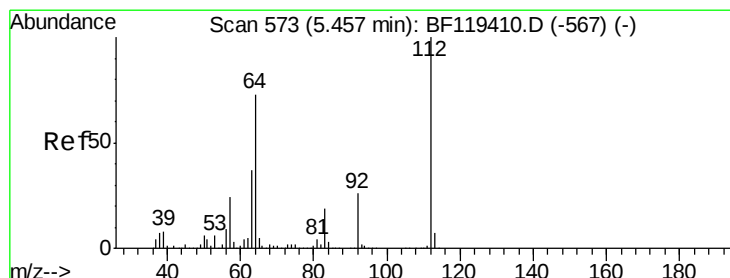
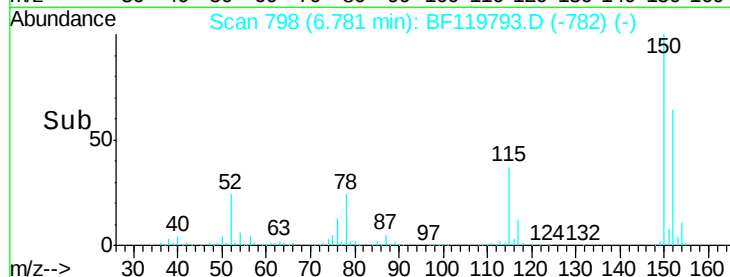
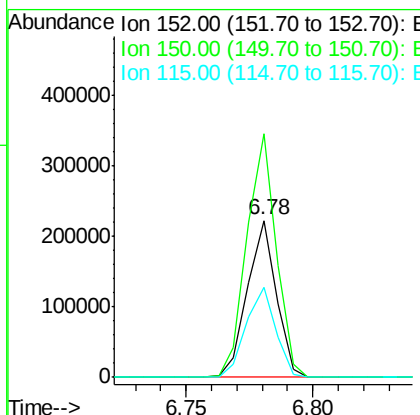
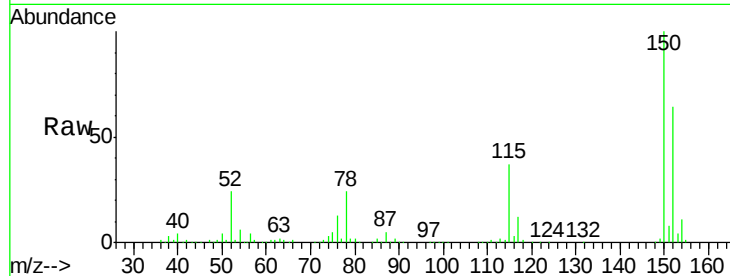




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119793.D
 Acq: 7 Apr 2020 1:46

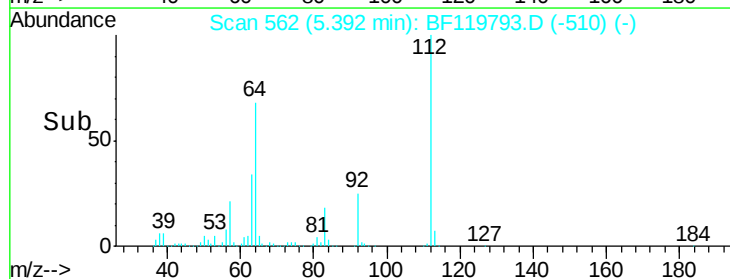
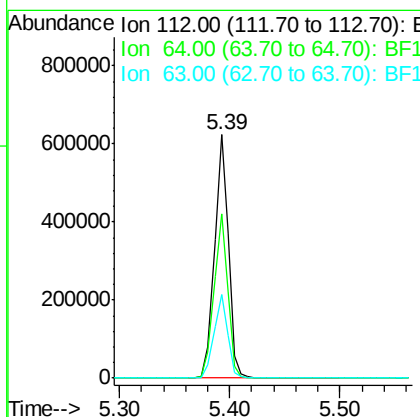
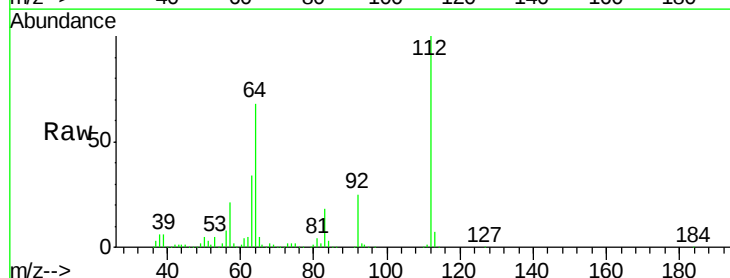
Instrument :
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 239-WC-L-01

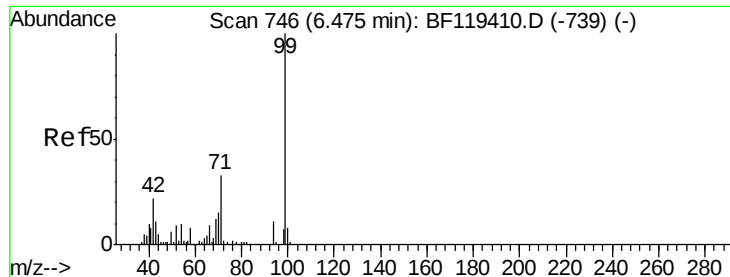
Tgt Ion:152 Resp: 178127
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.5 186.7
 115 57.5 49.6 74.4



#5
 2-Fluorophenol
 Concen: 47.97 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF119793.D
 Acq: 7 Apr 2020 1:46

Tgt Ion:112 Resp: 536776
 Ion Ratio Lower Upper
 112 100
 64 67.6 56.7 85.1
 63 34.2 29.5 44.3





#7

Phenol-d6

Concen: 35.46 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119793.D

Acq: 7 Apr 2020 1:46

Instrument :

BNA_F

ClientSampleId :

239-WC-L-01

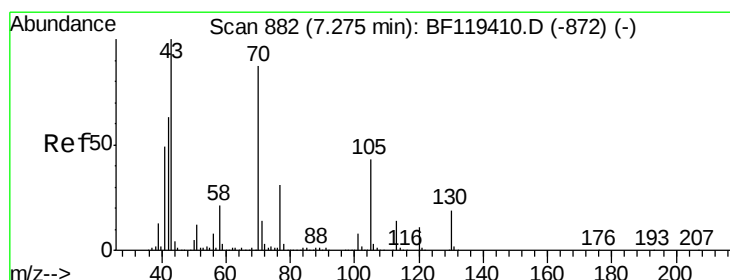
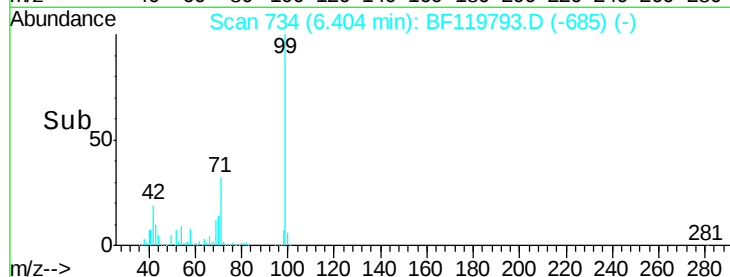
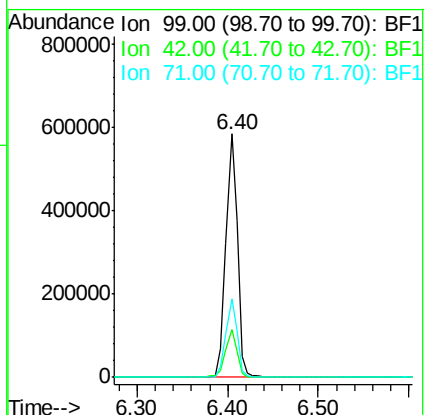
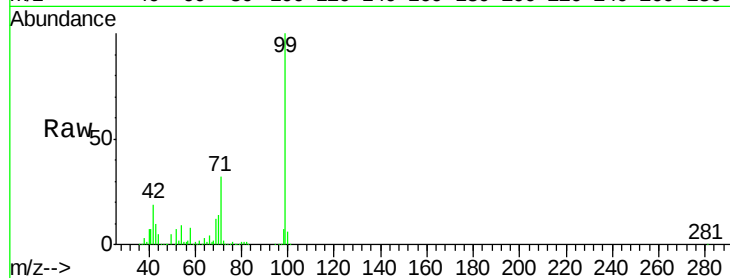
Tgt Ion: 99 Resp: 506796

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

71 32.1 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.23 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119793.D

Acq: 7 Apr 2020 1:46

Tgt Ion: 70 Resp: 165698

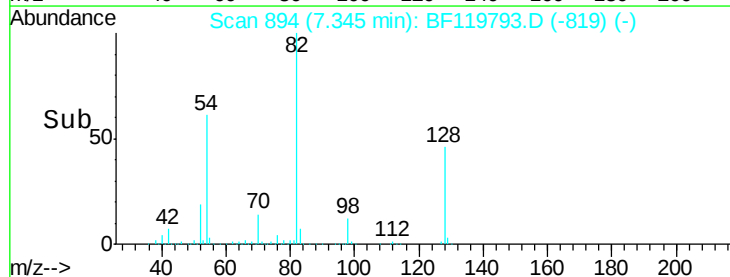
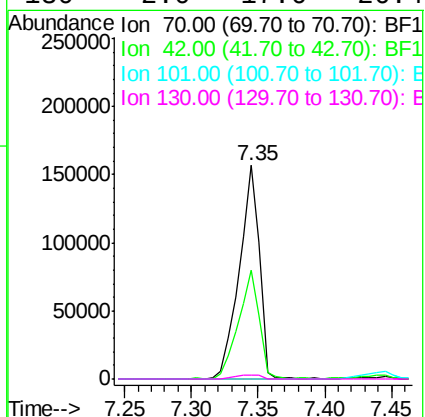
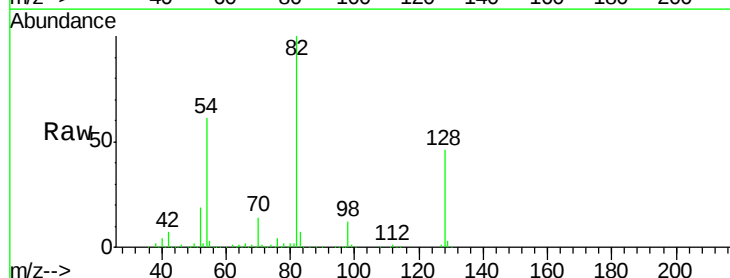
Ion Ratio Lower Upper

70 100

42 51.2 54.5 81.7#

101 0.0 7.6 11.4#

130 2.0 17.6 26.4#

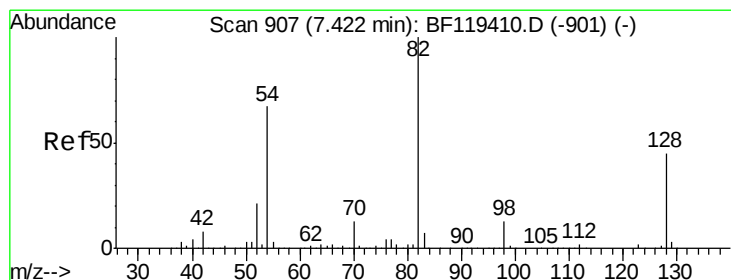
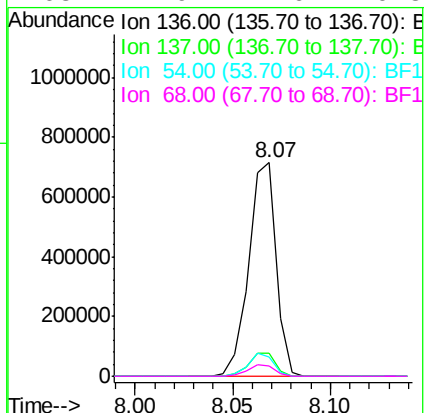
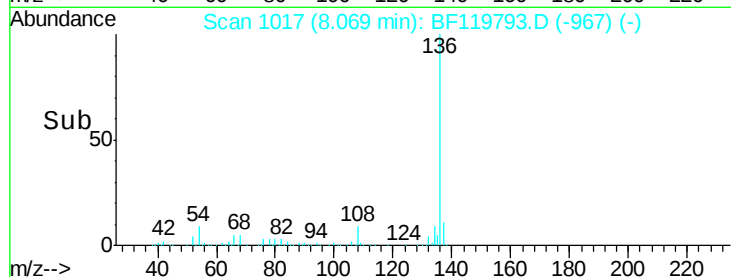
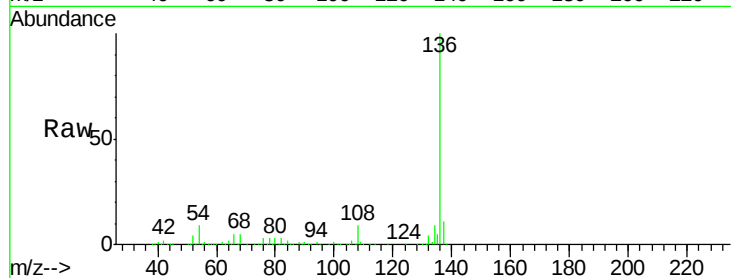




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119793.D
Acq: 7 Apr 2020 1:46

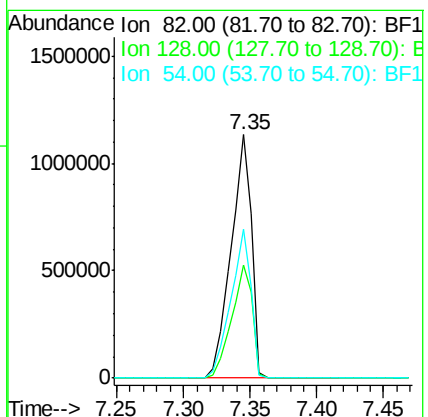
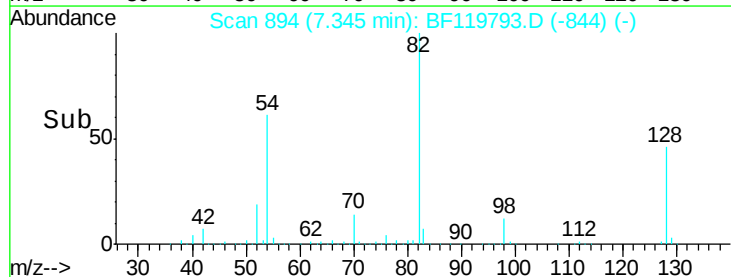
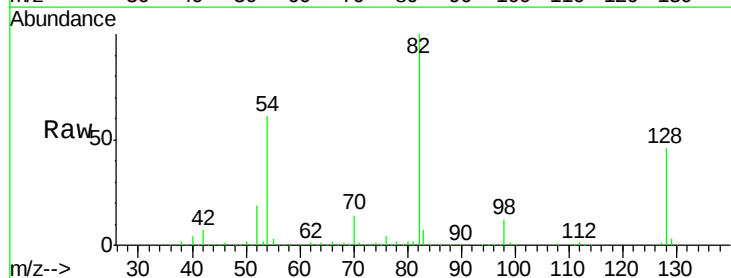
Instrument :
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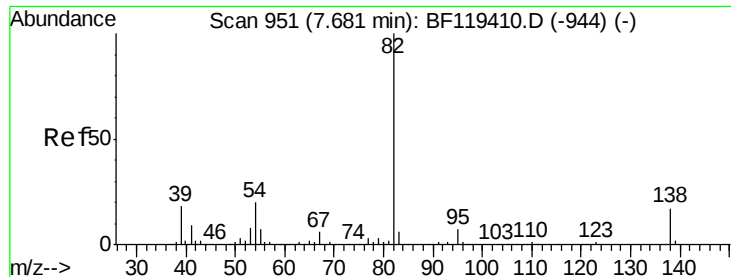
Tgt Ion:136 Resp: 697773
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.2 9.1 13.7
68 4.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 95.60 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119793.D
Acq: 7 Apr 2020 1:46

Tgt Ion: 82 Resp: 1227437
Ion Ratio Lower Upper
82 100
128 46.4 36.3 54.5
54 61.0 50.6 75.8

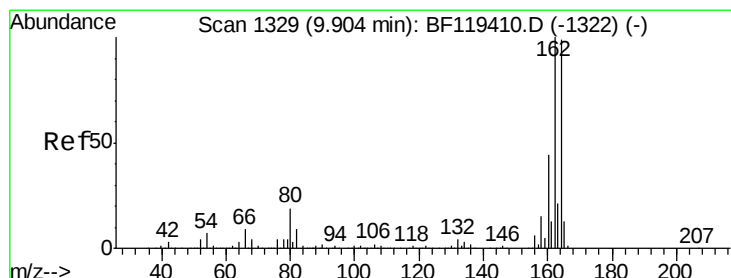
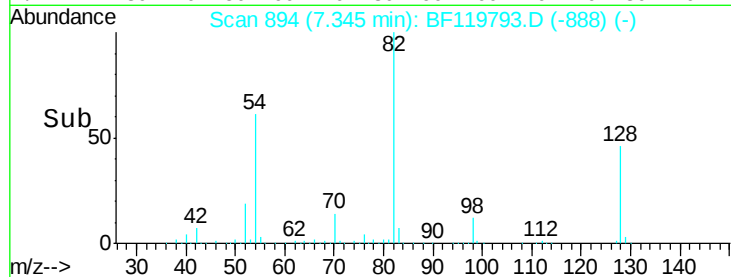
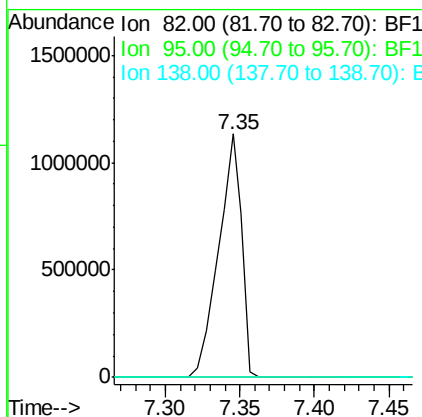
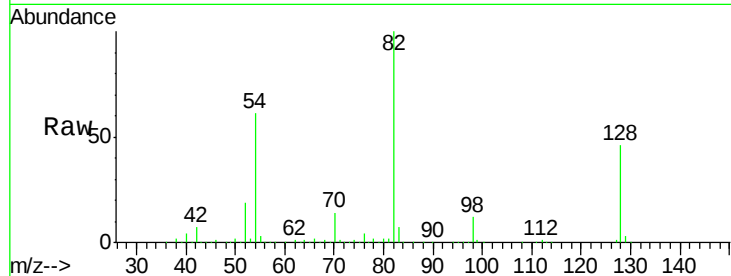




#25
Isophorone
Concen: 46.98 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF119793.D
Acq: 7 Apr 2020 1:46

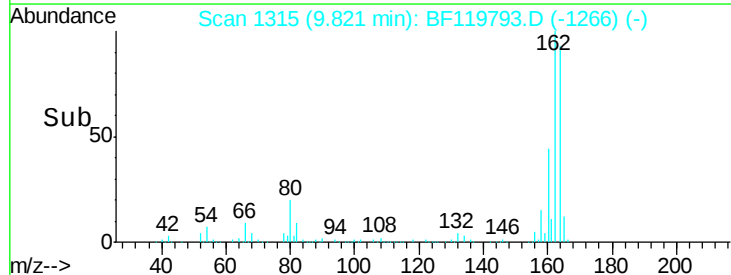
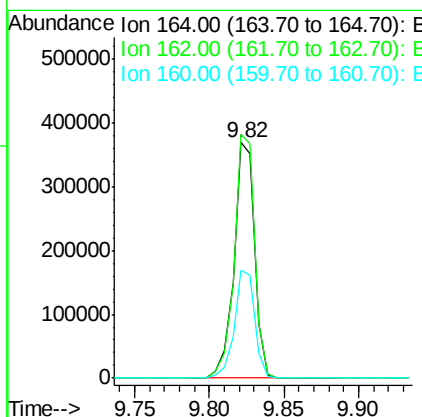
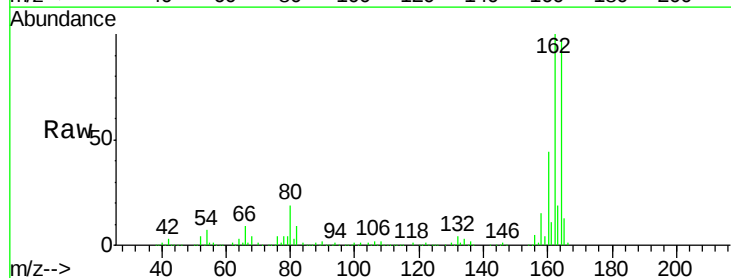
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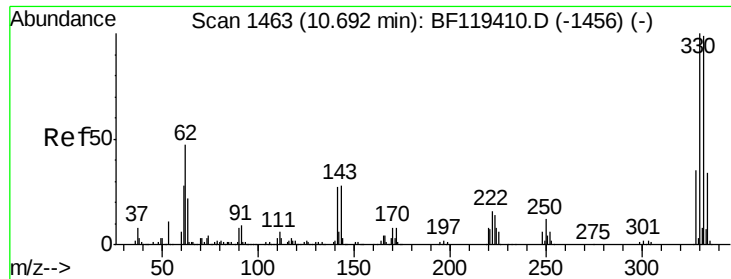
Tgt Ion: 82 Resp: 1223608
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF119793.D
Acq: 7 Apr 2020 1:46

Tgt Ion: 164 Resp: 359323
Ion Ratio Lower Upper
164 100
162 103.3 80.6 121.0
160 45.6 35.7 53.5

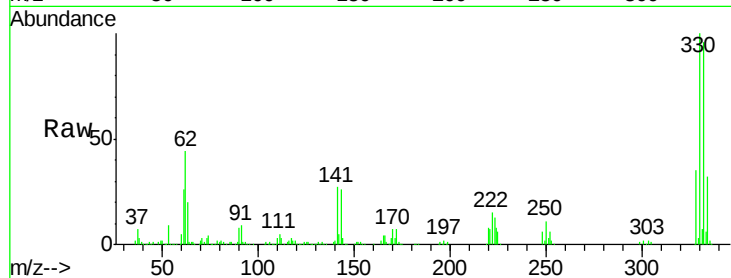




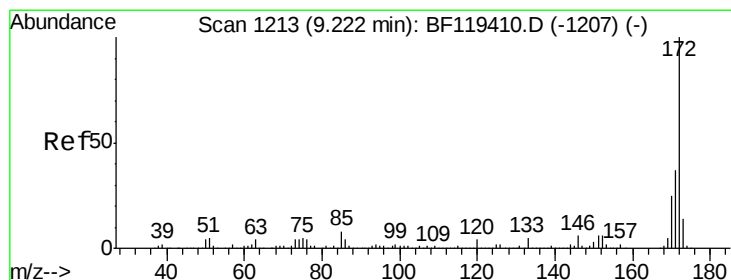
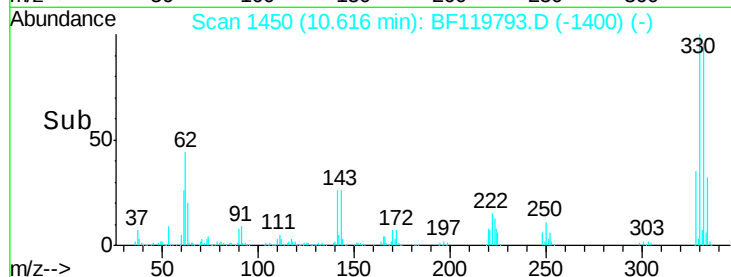
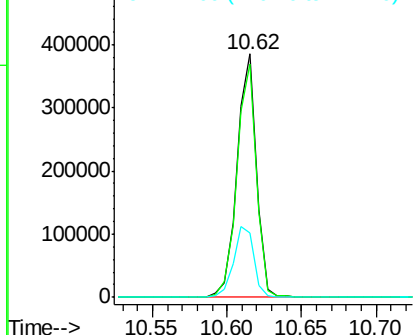
#42
 2,4,6-Tribromophenol
 Concen: 94.99 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119793.D
 Acq: 7 Apr 2020 1:46

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-L-01

Tgt Ion:330 Resp: 352134
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.7 113.5
 141 31.1 25.4 38.0

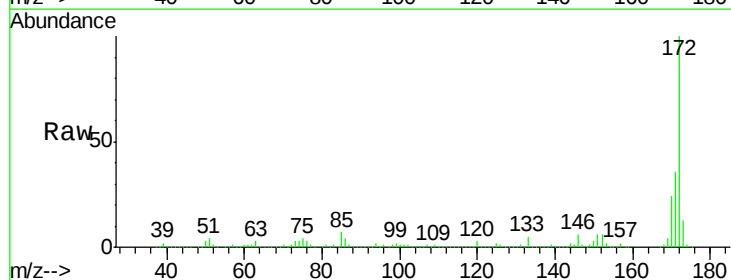


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

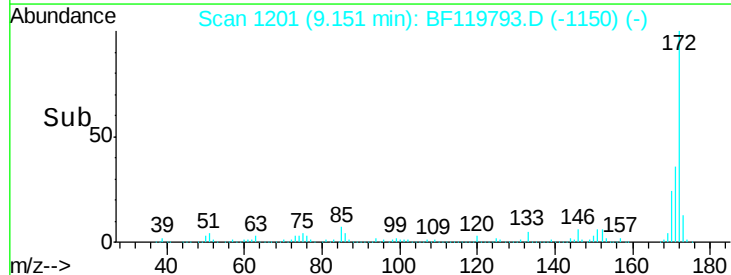
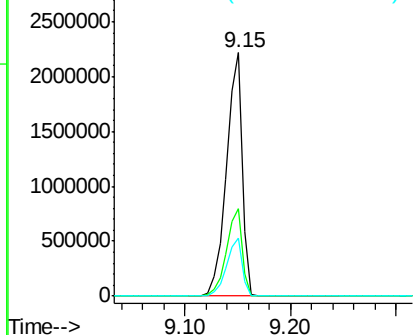


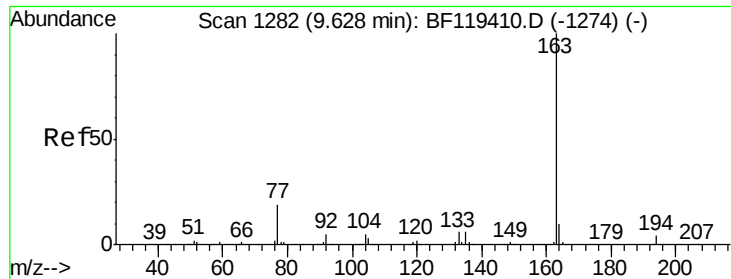
#45
 2-Fluorobiphenyl
 Concen: 94.26 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119793.D
 Acq: 7 Apr 2020 1:46

Tgt Ion:172 Resp: 2286297
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.9 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

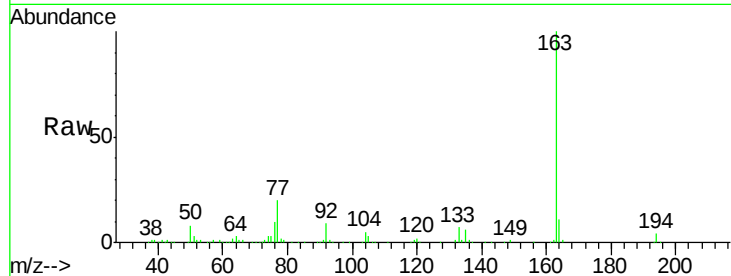




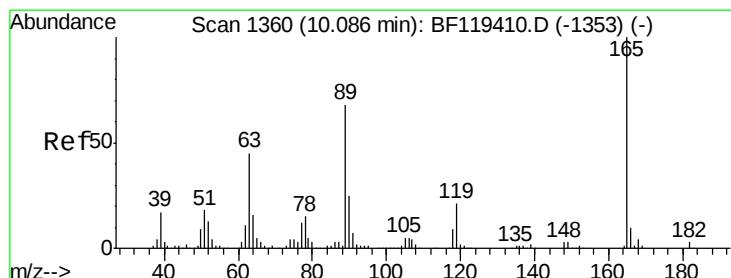
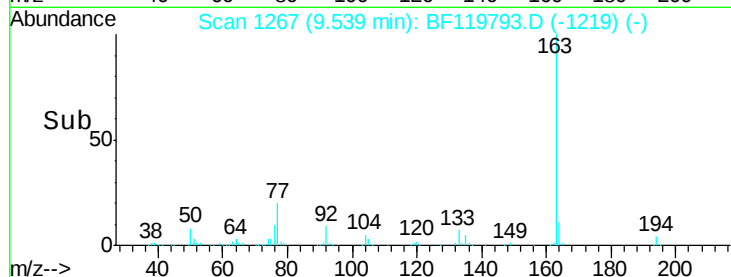
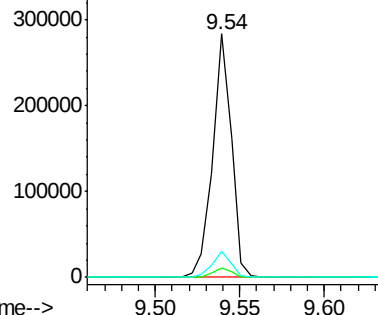
#50
Dimethylphthalate
Concen: 8.58 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF119793.D
Acq: 7 Apr 2020 1:46

Instrument :
BNA_F
ClientSampleId :
239-WC-L-01

Tgt Ion:163 Resp: 219093
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.5 8.2 12.2

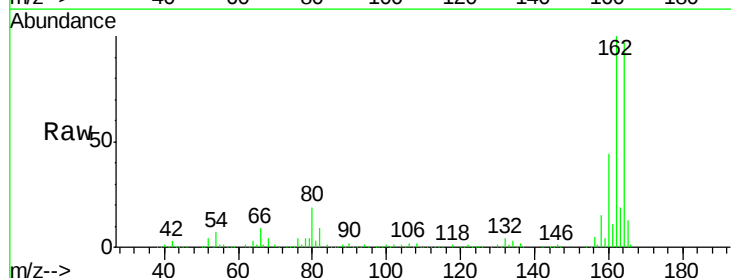


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

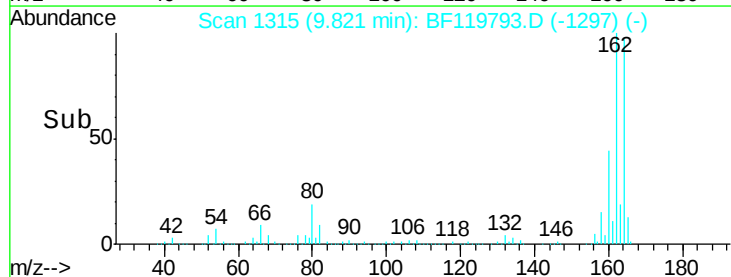
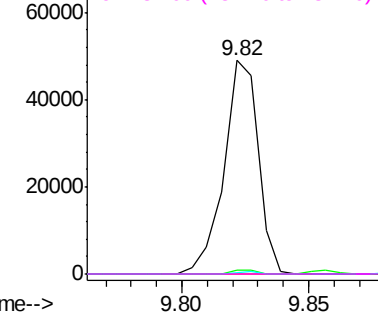


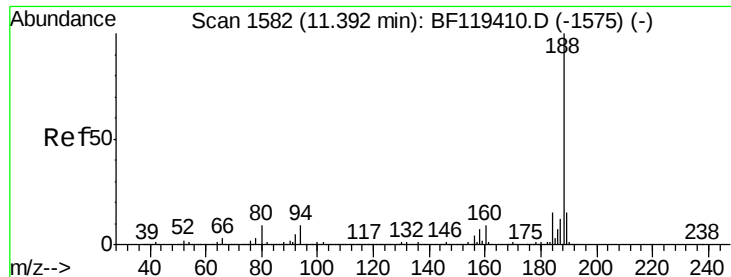
#57
2,4-Dinitrotoluene
Concen: 6.75 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF119793.D
Acq: 7 Apr 2020 1:46

Tgt Ion:165 Resp: 46512
Ion Ratio Lower Upper
165 100
63 1.7 42.6 64.0#
89 0.7 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

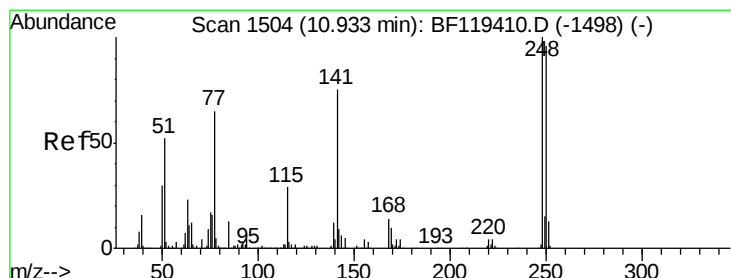
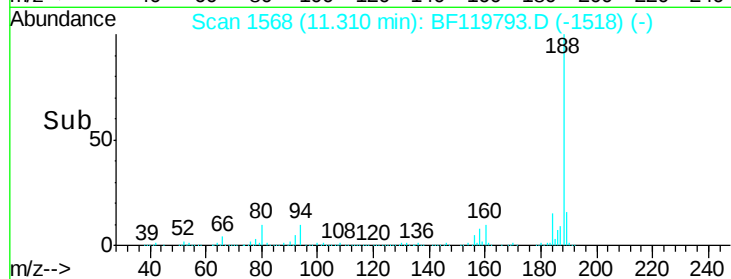
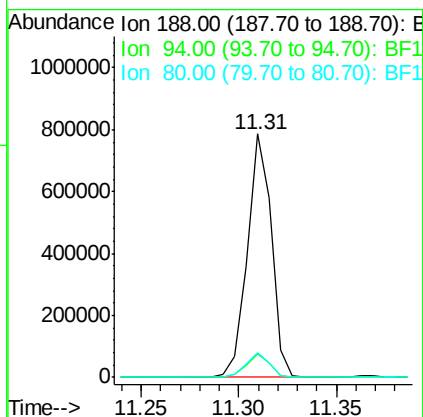
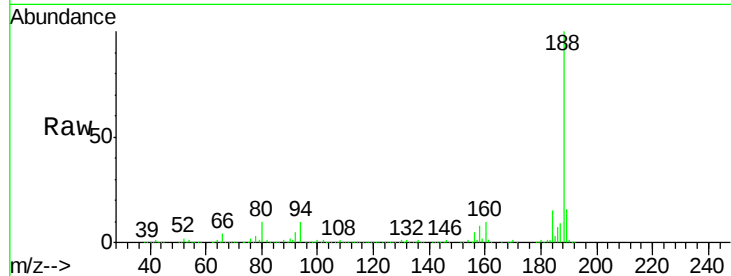




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119793.D
 Acq: 7 Apr 2020 1:46

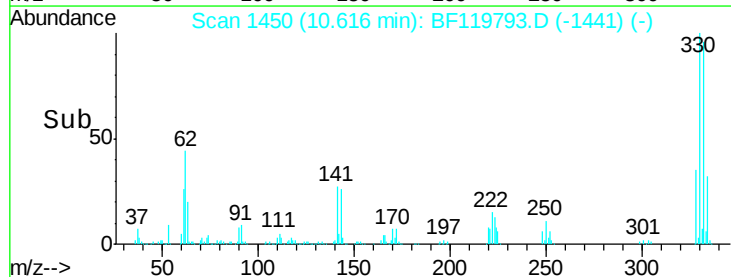
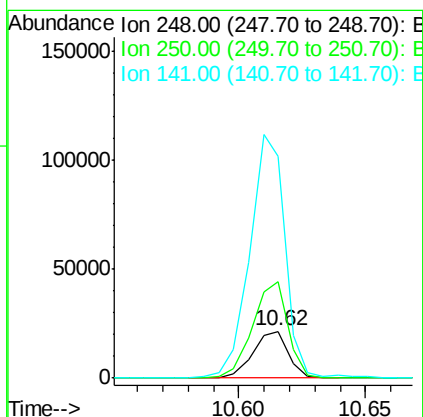
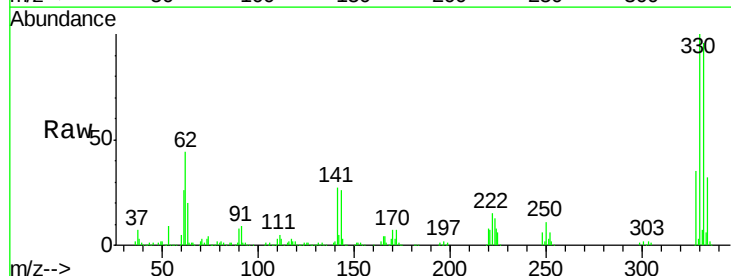
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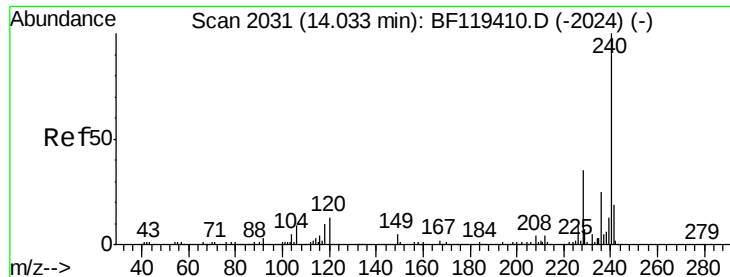
Tgt Ion:188 Resp: 670907
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.5 11.3
 80 10.1 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 2.76 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF119793.D
 Acq: 7 Apr 2020 1:46

Tgt Ion:248 Resp: 21079
 Ion Ratio Lower Upper
 248 100
 250 204.1 77.3 115.9#
 141 472.1 58.6 87.8#

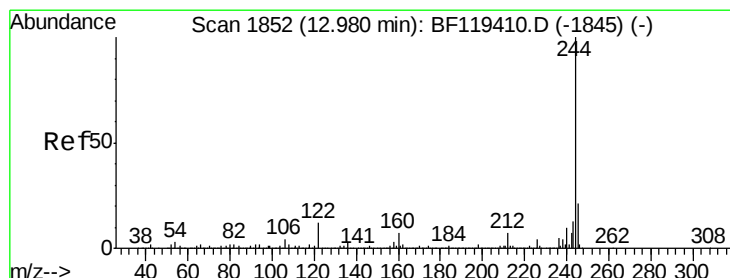
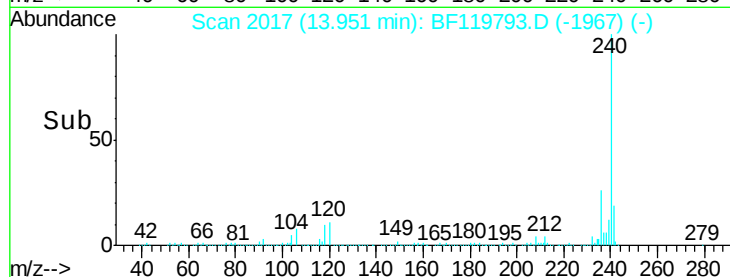
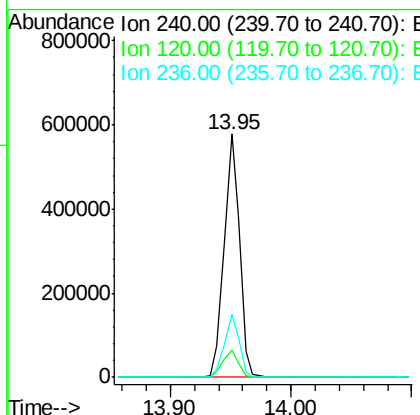
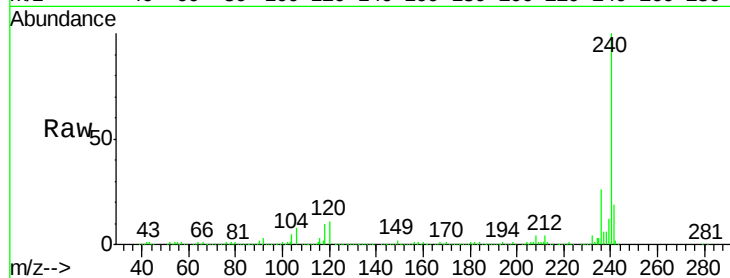




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119793.D
Acq: 7 Apr 2020 1:46

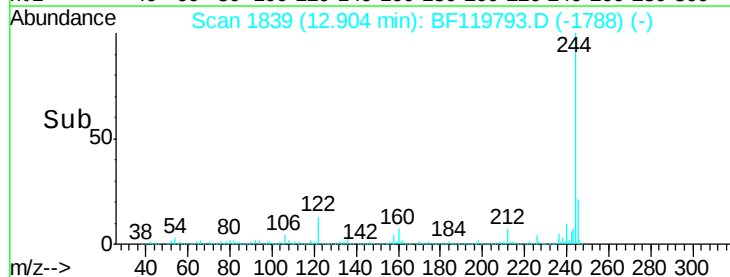
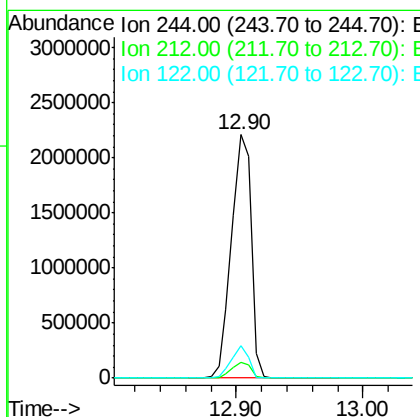
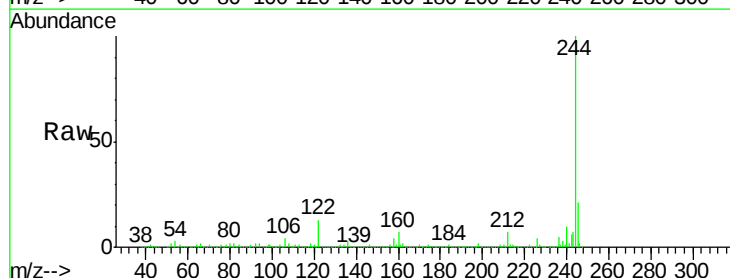
Instrument :
BNA_F
ClientSampleId :
239-WC-L-01

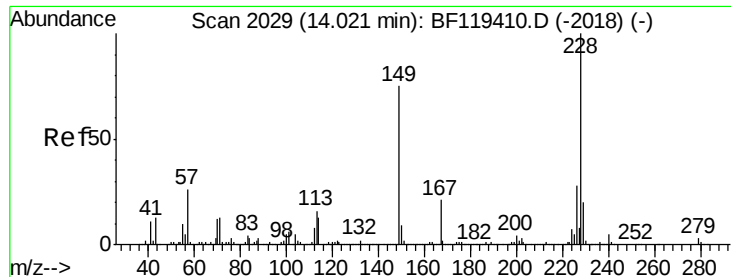
Tgt Ion:240 Resp: 507283
Ion Ratio Lower Upper
240 100
120 11.4 10.6 15.8
236 26.0 20.2 30.2



#79
Terphenyl-d14
Concen: 91.38 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF119793.D
Acq: 7 Apr 2020 1:46

Tgt Ion:244 Resp: 2365989
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 13.2 10.3 15.5

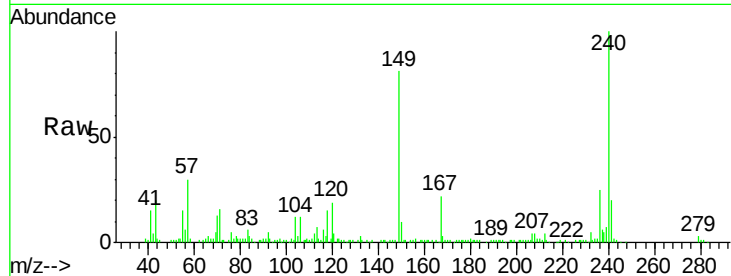




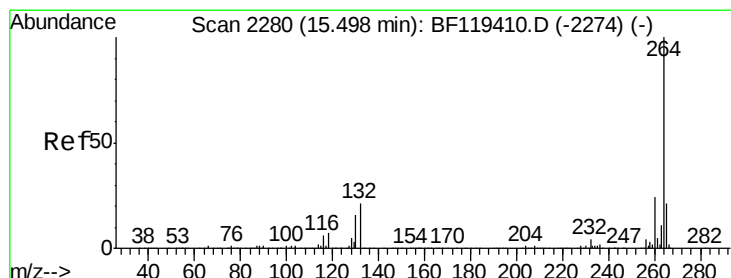
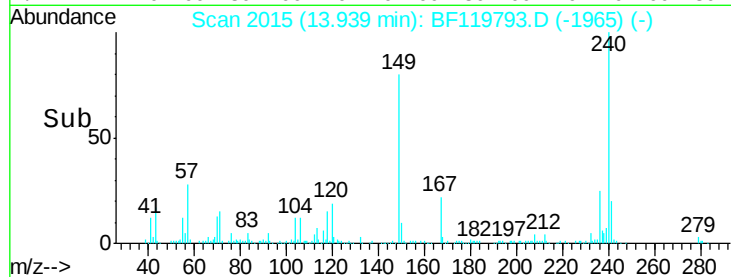
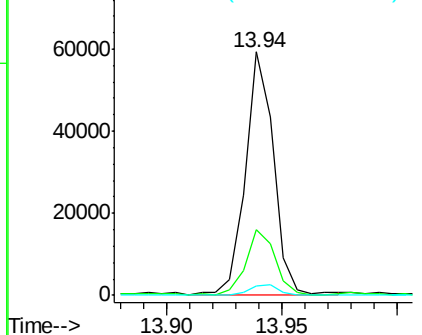
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.54 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF119793.D
Acq: 7 Apr 2020 1:46

Instrument :
BNA_F
ClientSampleId :
239-WC-L-01

Tgt Ion:149 Resp: 51045
Ion Ratio Lower Upper
149 100
167 27.2 21.3 31.9
279 3.7 2.7 4.1

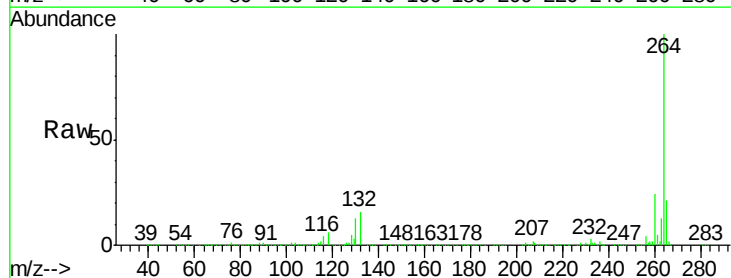


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF119793.D
Acq: 7 Apr 2020 1:46

Tgt Ion:264 Resp: 491064
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.2 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

