

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119807.D
 Acq On : 7 Apr 2020 8:05
 Operator : MA/SJ
 Sample : L2117-05
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-040220

Quant Time: Apr 07 08:36:10 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

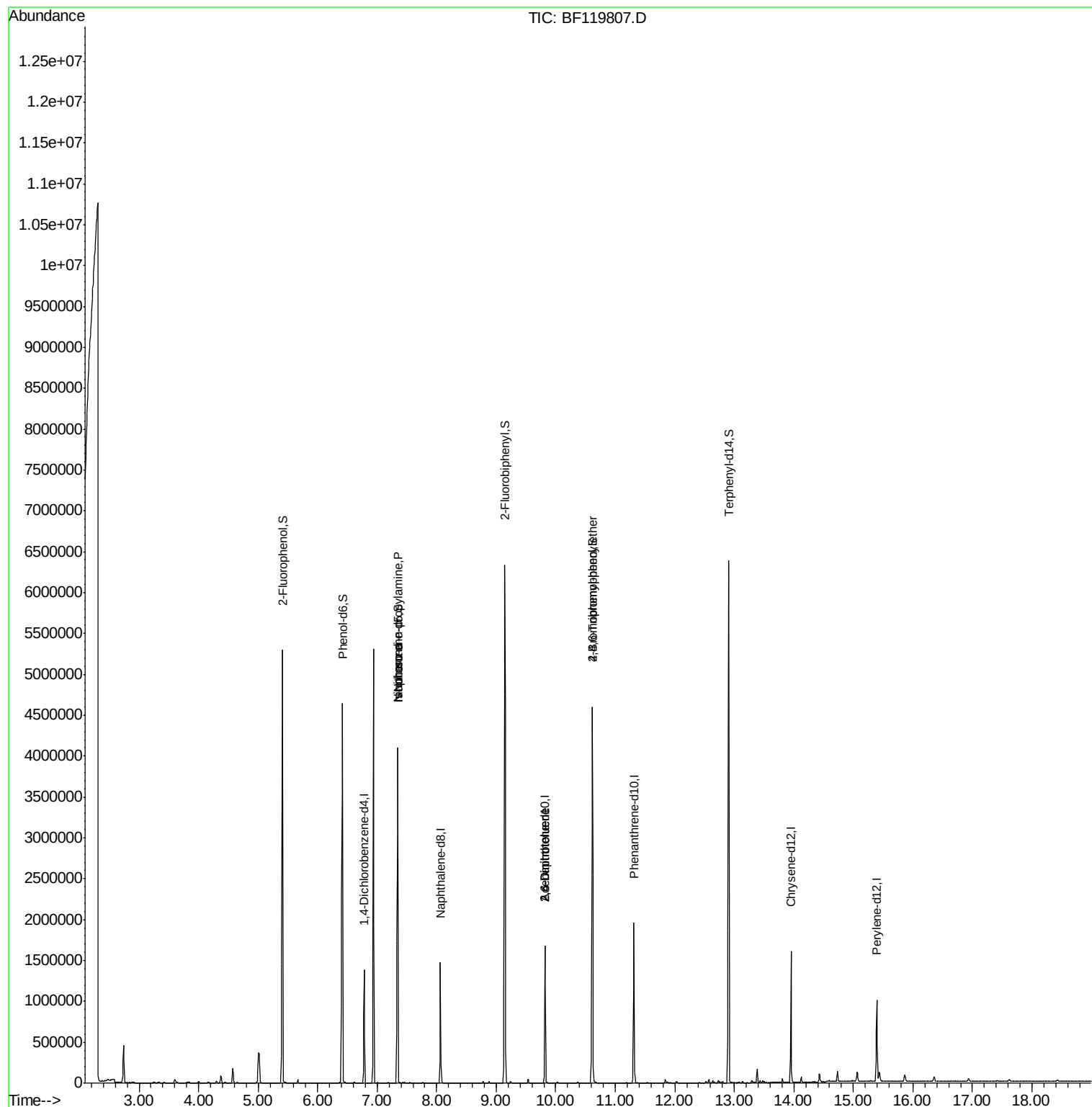
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	182478	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	701627	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	361851	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	692212	20.00	ng	0.00
76) Chrysene-d12	13.95	240	522936	20.00	ng	0.00
87) Perylene-d12	15.39	264	474321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1545311	134.81	ng	0.02
7) Phenol-d6	6.42	99	1812442	123.78	ng	0.00
23) Nitrobenzene-d5	7.35	82	1305293	101.11	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	619831	166.04	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2478197	101.46	ng	0.00
79) Terphenyl-d14	12.91	244	2711058	101.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	172869	19.59	ng	# 74
25) Isophorone	7.35	82	1305278	49.84	ng	# 65
51) 2,6-Dinitrotoluene	9.82	165	45408	8.24	ng	# 26
57) 2,4-Dinitrotoluene	9.82	165	45408	6.54	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	37101	4.71	ng	# 1

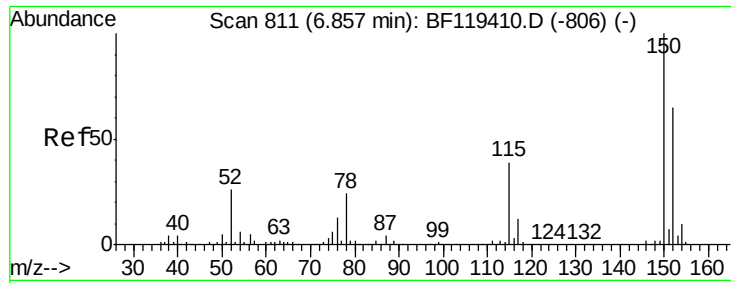
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

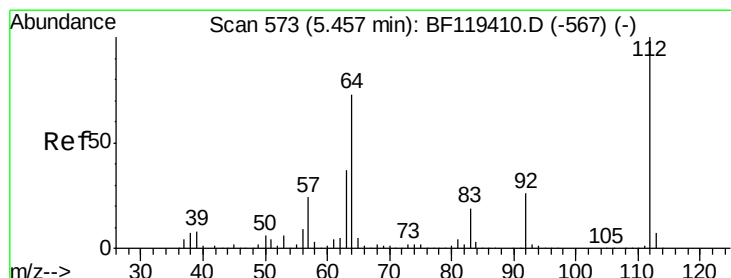
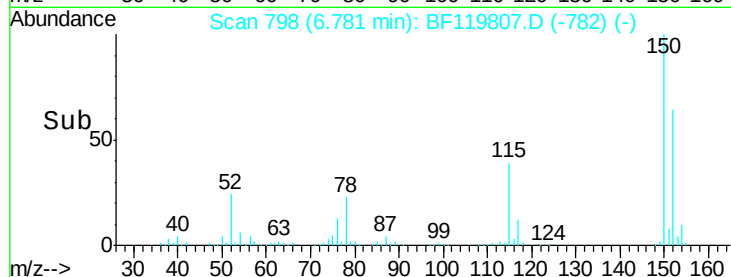
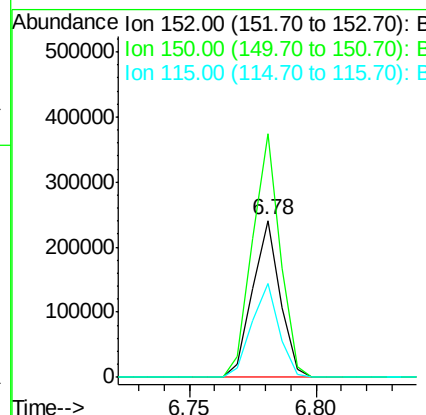
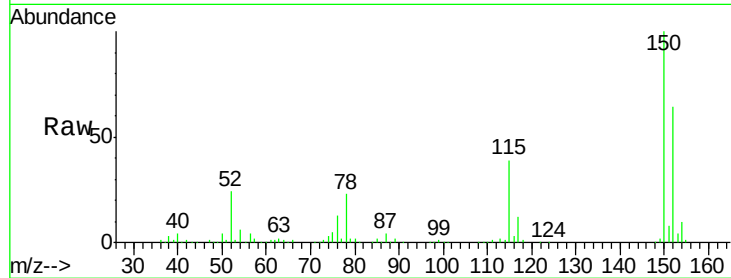




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119807.D
 Acq: 7 Apr 2020 8:05

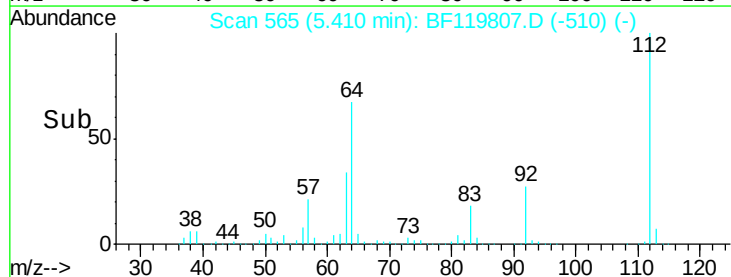
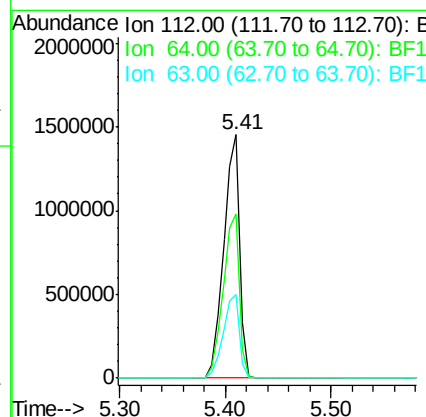
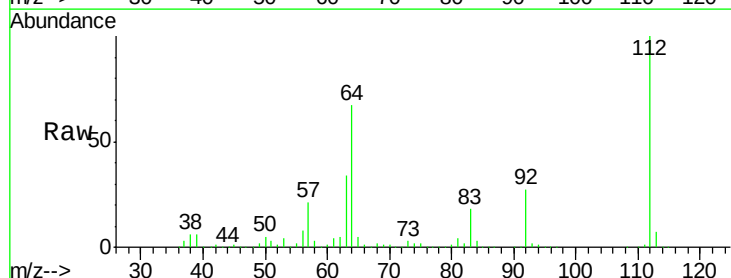
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-040220

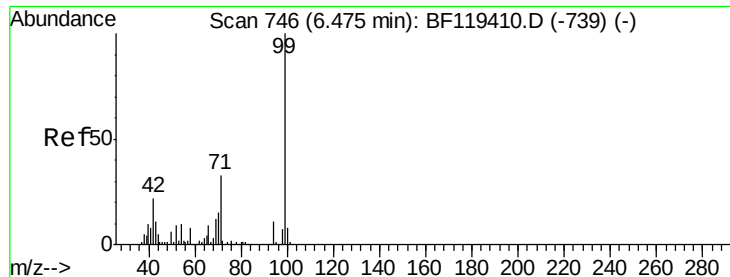
Tgt Ion:152 Resp: 182478
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.5 186.7
 115 60.0 49.6 74.4



#5
 2-Fluorophenol
 Concen: 134.81 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: BF119807.D
 Acq: 7 Apr 2020 8:05

Tgt Ion:112 Resp: 1545311
 Ion Ratio Lower Upper
 112 100
 64 67.2 56.7 85.1
 63 34.5 29.5 44.3





#7

Phenol-d6

Concen: 123.78 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119807.D

Acq: 7 Apr 2020 8:05

Instrument :

BNA_F

ClientSampleId :

OK-03-040220

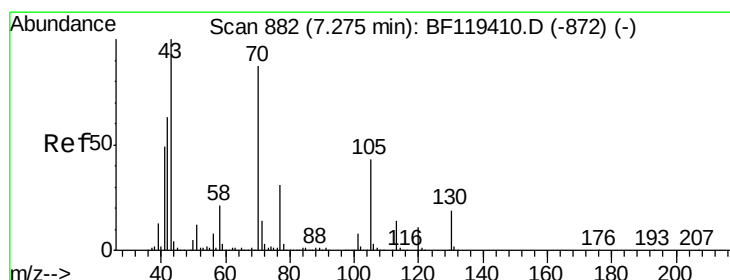
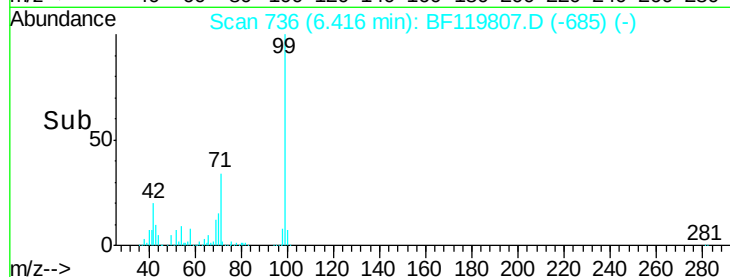
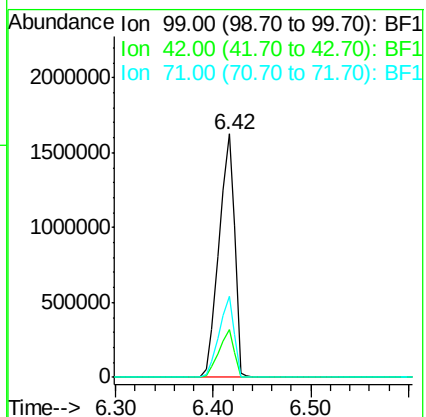
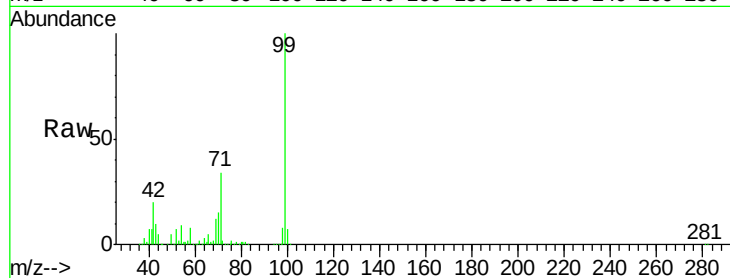
Tgt Ion: 99 Resp: 1812442

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

71 33.5 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.59 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119807.D

Acq: 7 Apr 2020 8:05

Tgt Ion: 70 Resp: 172869

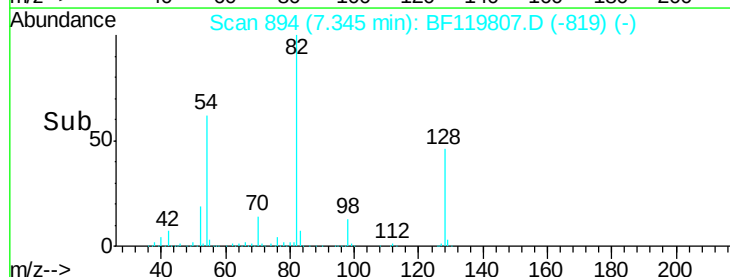
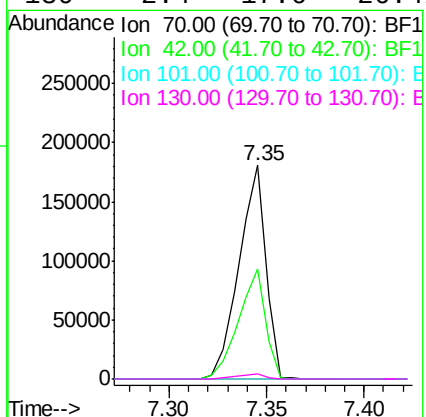
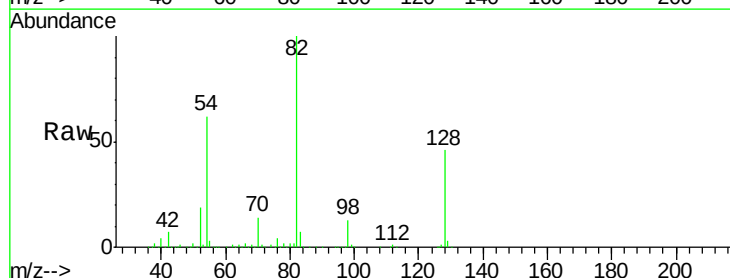
Ion Ratio Lower Upper

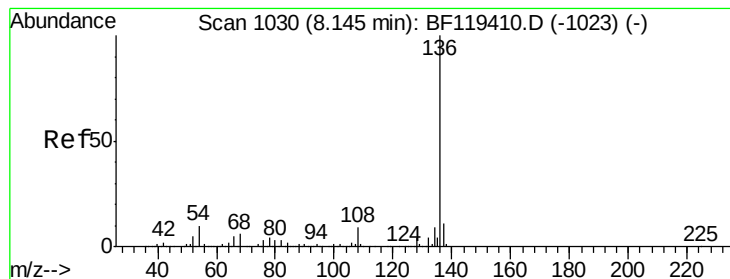
70 100

42 51.6 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 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: BF119807.D

Acq: 7 Apr 2020 8:05

Instrument :

BNA_F

ClientSampleId :

OK-03-040220

Tgt Ion: 136 Resp: 701627

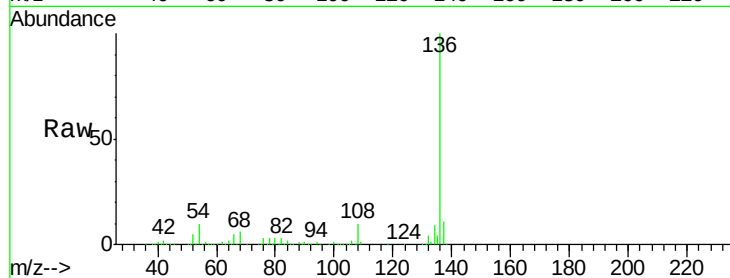
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.3 9.1 13.7

68 5.6 4.6 6.8

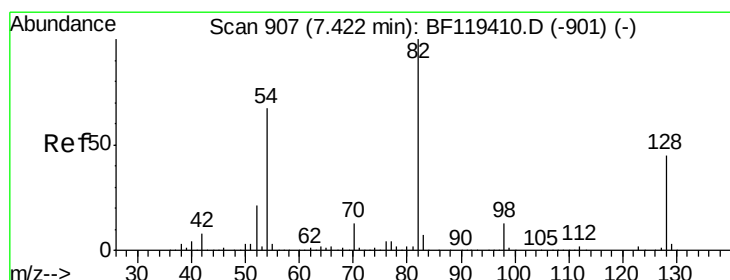
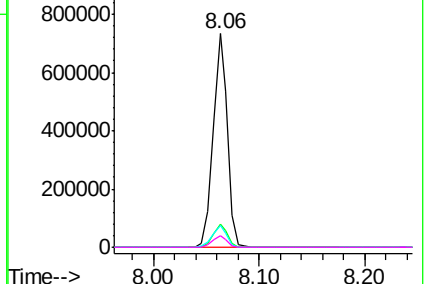
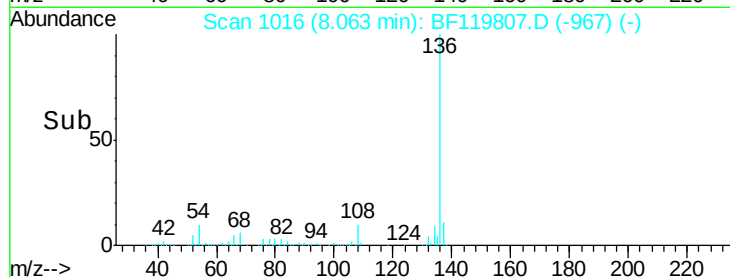


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 101.11 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF119807.D

Acq: 7 Apr 2020 8:05

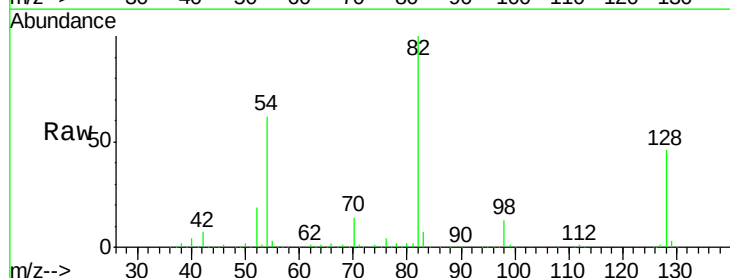
Tgt Ion: 82 Resp: 1305293

Ion Ratio Lower Upper

82 100

128 46.1 36.3 54.5

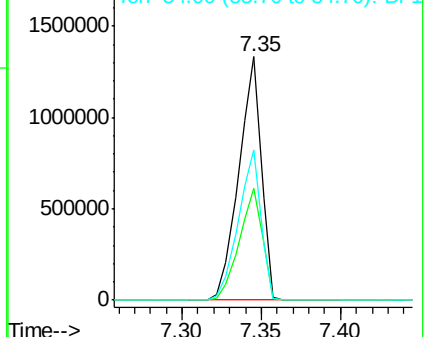
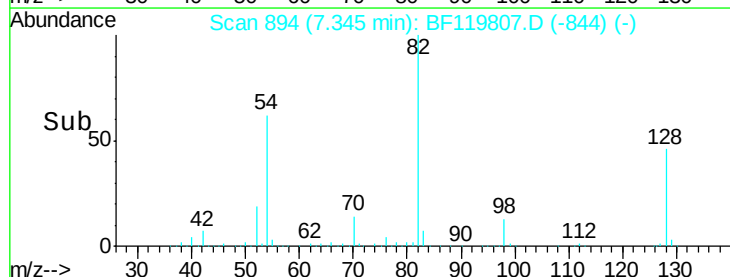
54 61.7 50.6 75.8

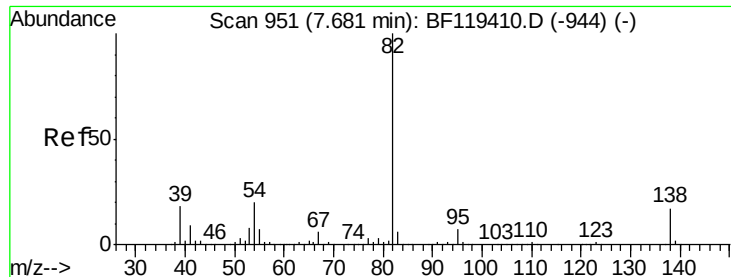


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

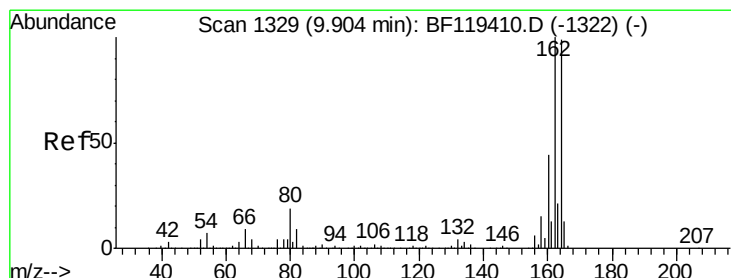
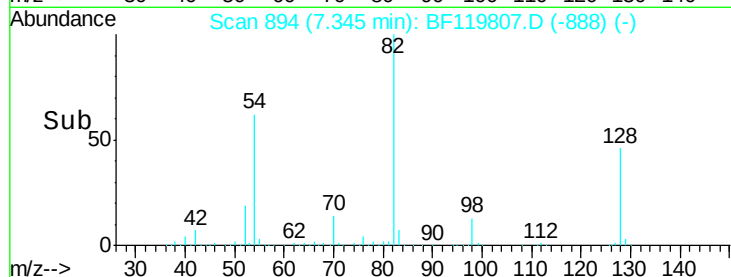
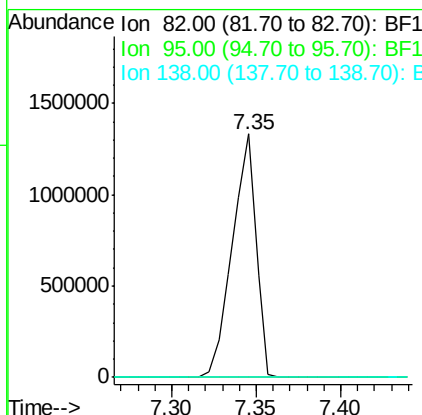
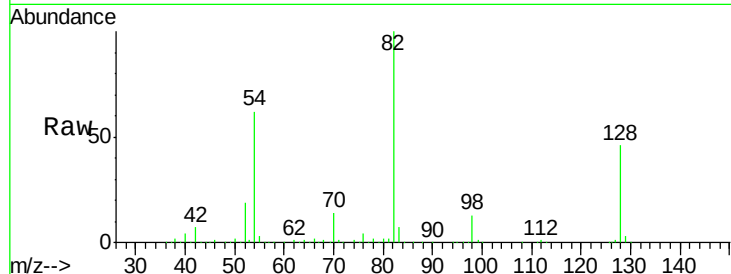




#25
Isophorone
Concen: 49.84 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF119807.D
Acq: 7 Apr 2020 8:05

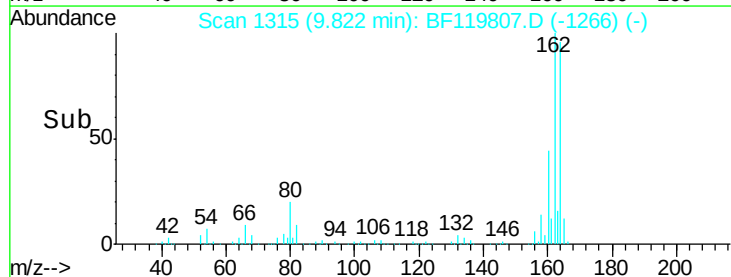
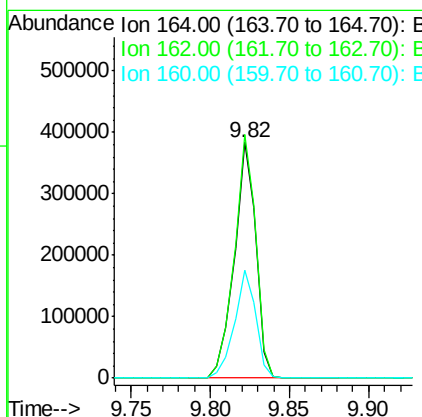
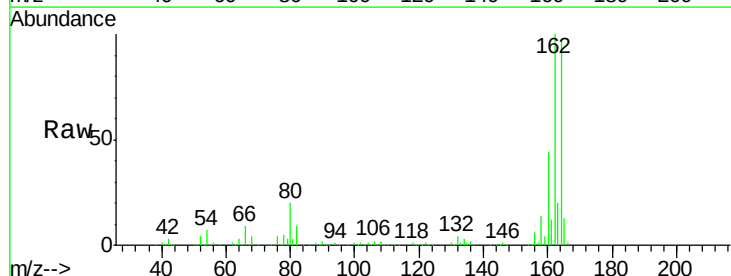
Instrument :
BNA_F
ClientSampleId :
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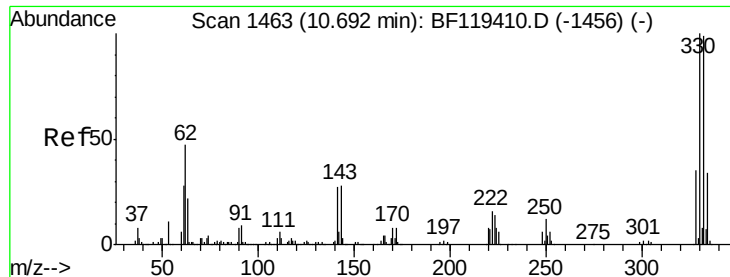
Tgt Ion: 82 Resp: 1305278
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF119807.D
Acq: 7 Apr 2020 8:05

Tgt Ion: 164 Resp: 361851
Ion Ratio Lower Upper
164 100
162 103.3 80.6 121.0
160 45.8 35.7 53.5

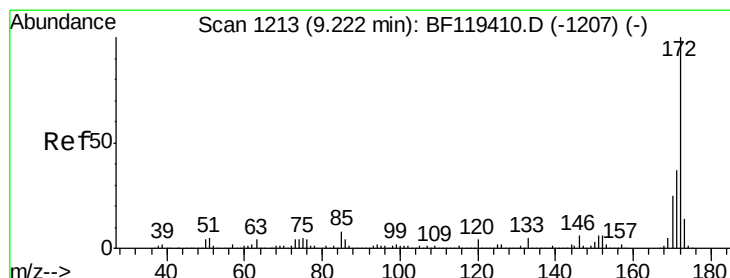
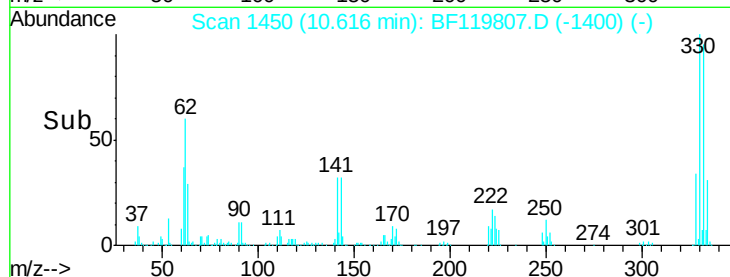
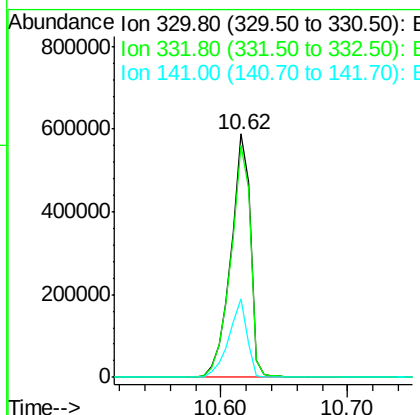
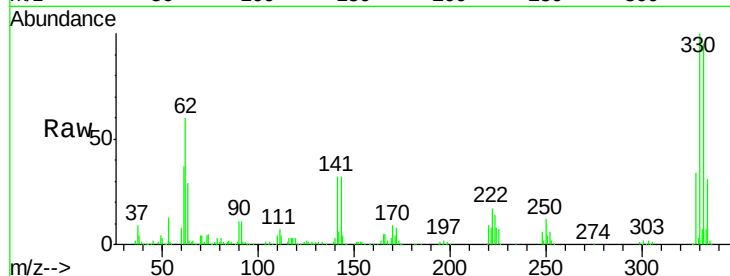




#42
 2,4,6-Tribromophenol
 Concen: 166.04 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119807.D
 Acq: 7 Apr 2020 8:05

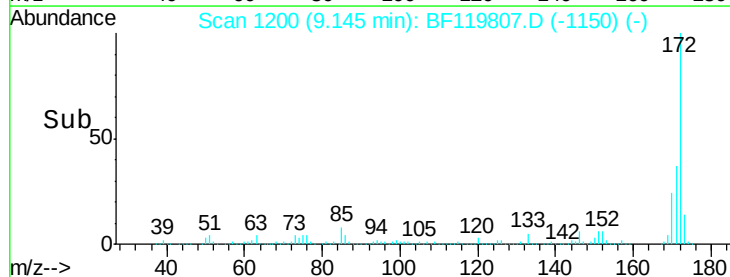
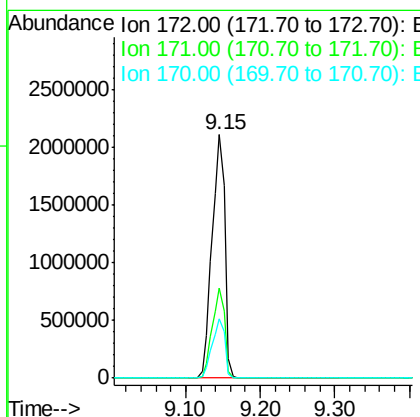
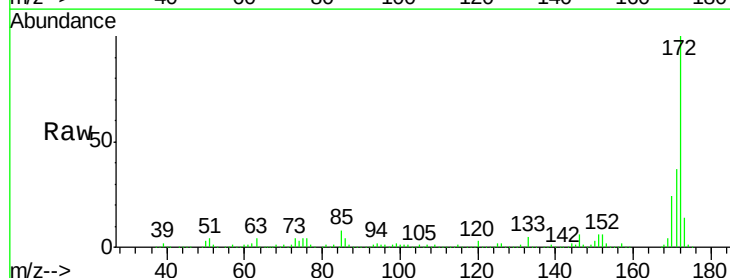
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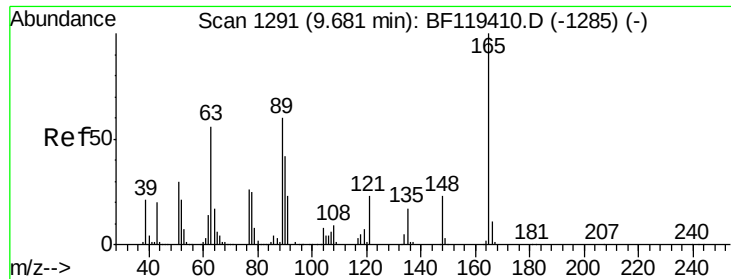
Tgt Ion:330 Resp: 619831
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.7 113.5
 141 30.4 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 101.46 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119807.D
 Acq: 7 Apr 2020 8:05

Tgt Ion:172 Resp: 2478197
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.4 20.2 30.2

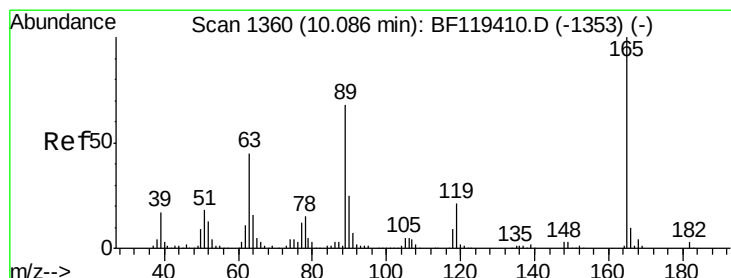
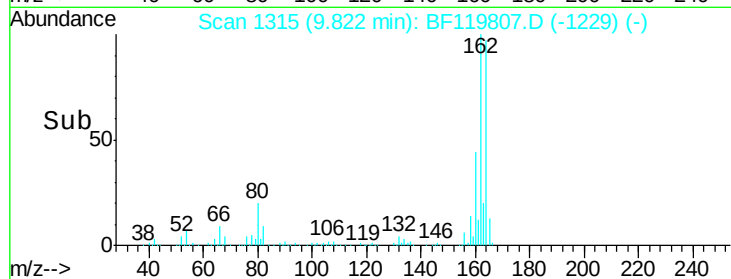
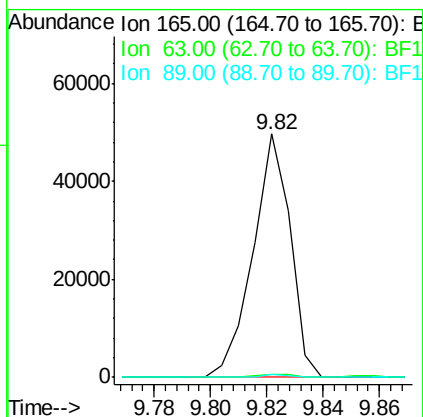
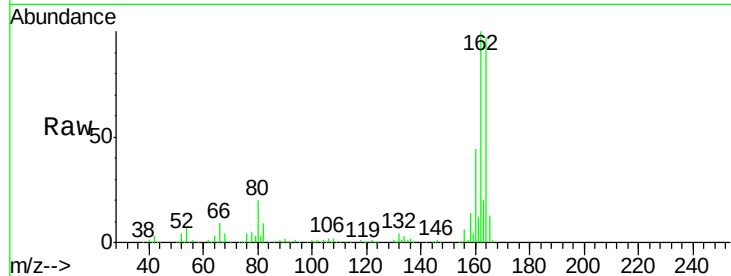




#51
 2,6-Dinitrotoluene
 Concen: 8.24 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF119807.D
 Acq: 7 Apr 2020 8:05

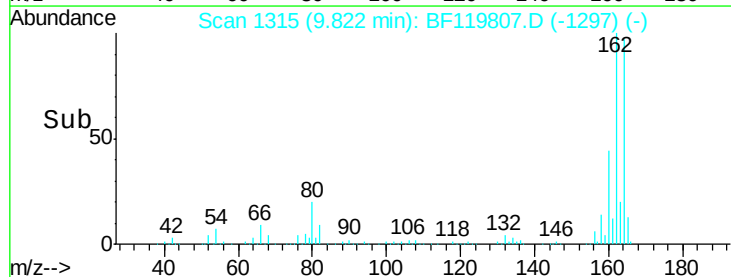
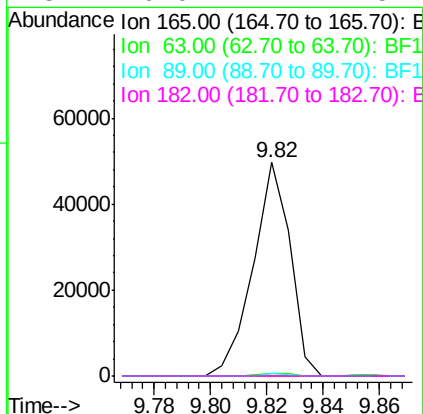
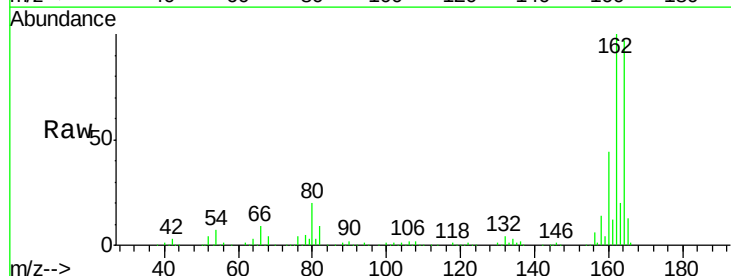
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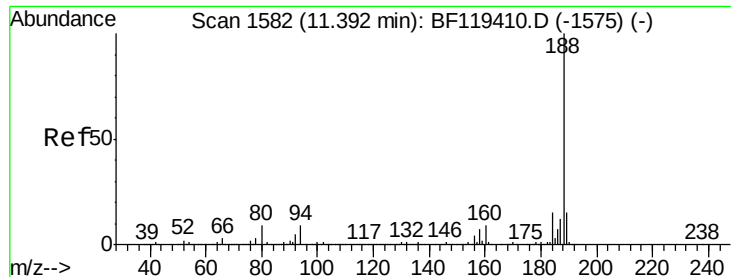
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	45.0	67.4#
89	1.3	41.5	62.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.54 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF119807.D
 Acq: 7 Apr 2020 8:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.6	64.0#
89	1.3	61.0	91.4#
182	0.0	2.2	3.2#

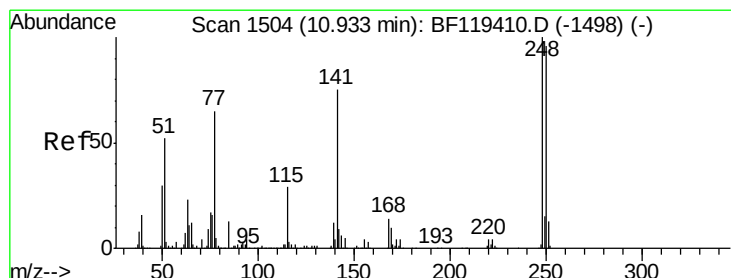
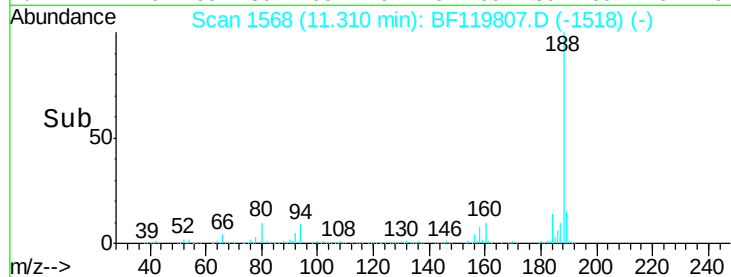
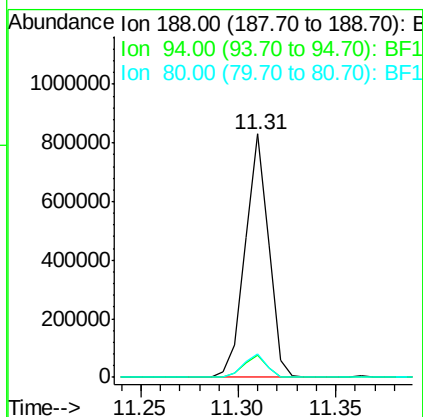
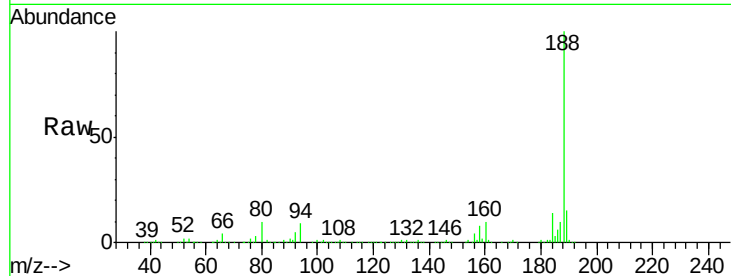




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119807.D
 Acq: 7 Apr 2020 8:05

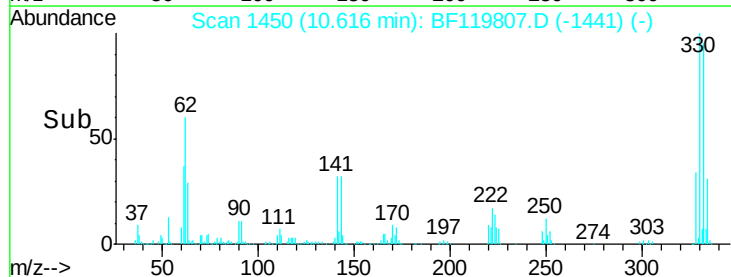
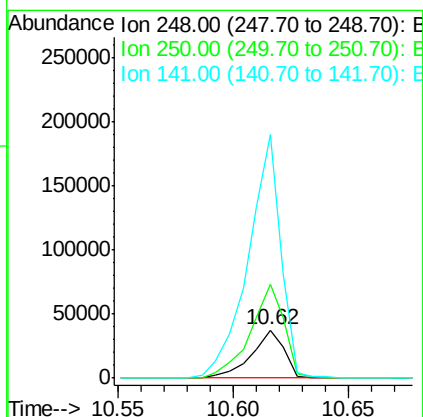
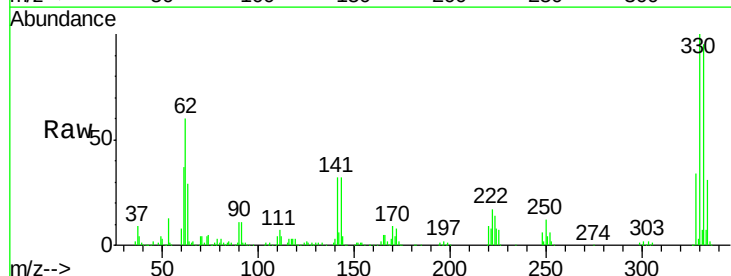
Instrument :
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 ClientSampleId :
 OK-03-040220

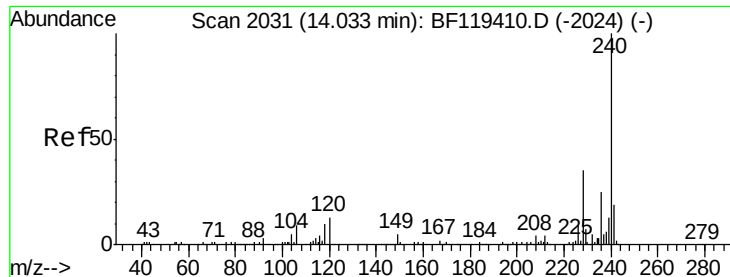
Tgt Ion:188 Resp: 692212
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.5 11.3
 80 9.6 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.71 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF119807.D
 Acq: 7 Apr 2020 8:05

Tgt Ion:248 Resp: 37101
 Ion Ratio Lower Upper
 248 100
 250 195.0 77.3 115.9#
 141 508.6 58.6 87.8#

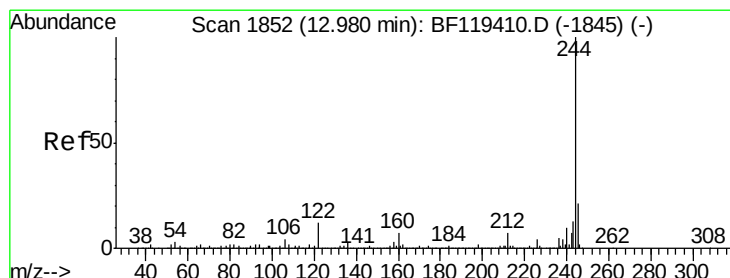
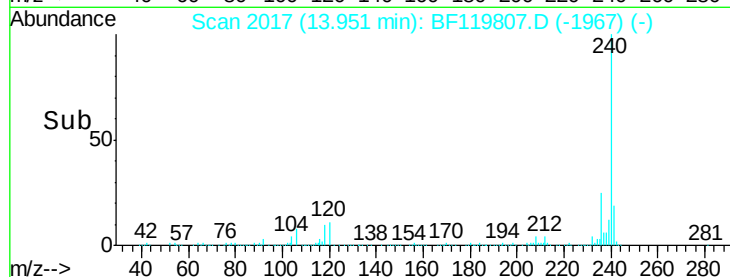
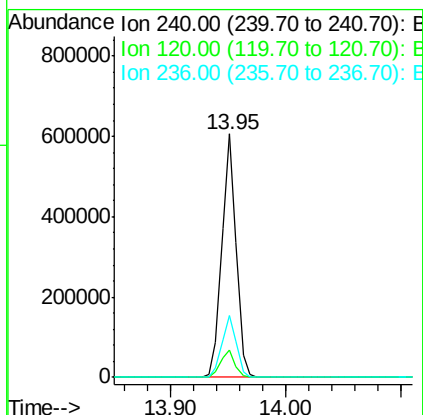
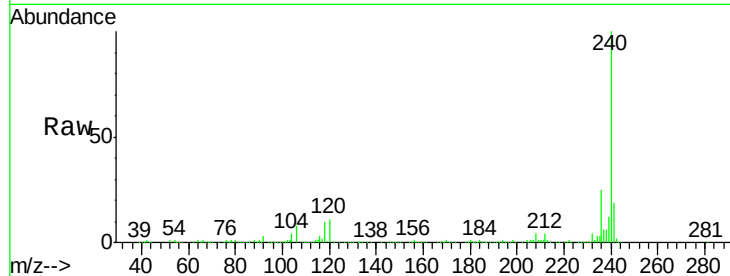




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119807.D
Acq: 7 Apr 2020 8:05

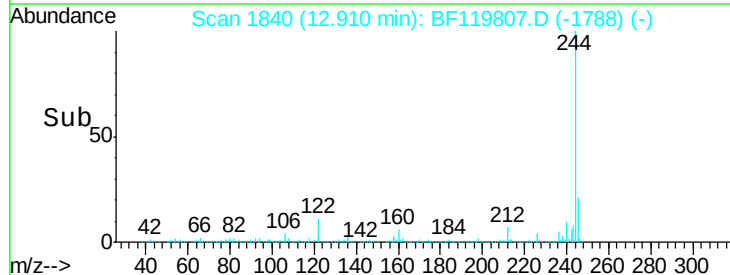
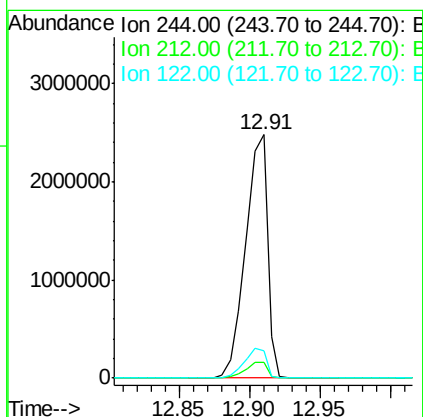
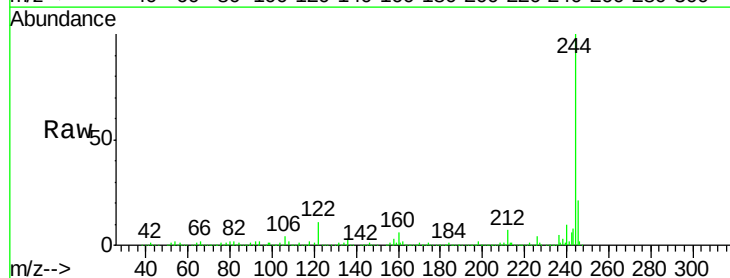
Instrument :
BNA_F
ClientSampleId :
OK-03-040220

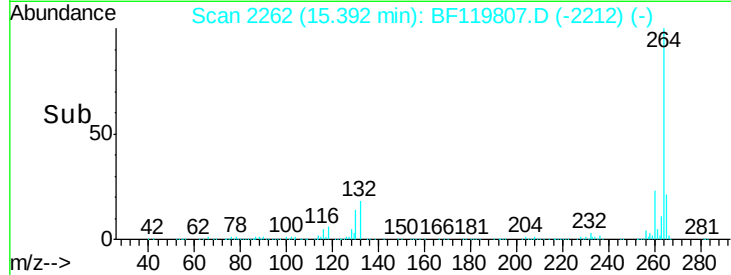
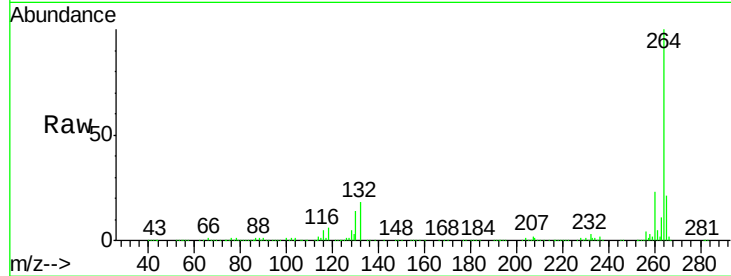
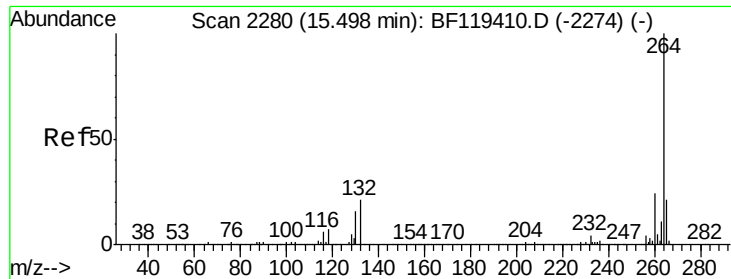
Tgt Ion:240 Resp: 522936
Ion Ratio Lower Upper
240 100
120 11.1 10.6 15.8
236 25.2 20.2 30.2



#79
Terphenyl-d14
Concen: 101.57 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF119807.D
Acq: 7 Apr 2020 8:05

Tgt Ion:244 Resp: 2711058
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 11.1 10.3 15.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF119807.D
Acq: 7 Apr 2020 8:05

Instrument :
BNA_F
ClientSampleId :
OK-03-040220

Tgt Ion:	264	Resp:	474321
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.7	28.1
265	21.4	17.7	26.5

