

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119586.D
 Acq On : 28 Mar 2020 00:05
 Operator : CG/JU
 Sample : L2049-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-(10-12)

Quant Time: Mar 28 03:32:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

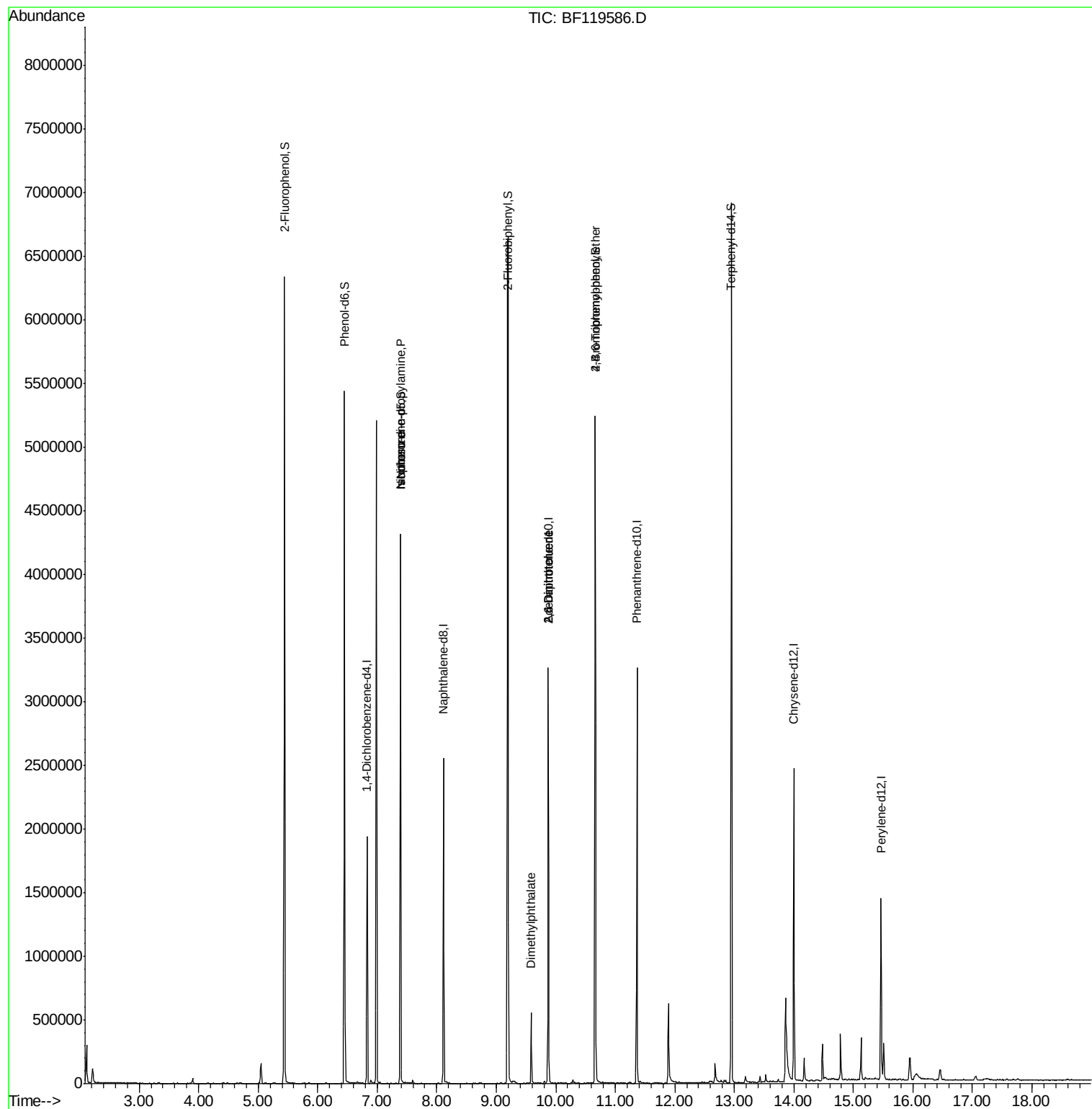
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	299779	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1072711	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	607954	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1183038	20.00	ng	0.00
76) Chrysene-d12	14.00	240	854930	20.00	ng	-0.01
87) Perylene-d12	15.46	264	679586	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1653416	87.80	ng	0.00
7) Phenol-d6	6.45	99	2096068	87.13	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1326663	67.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	606390	96.68	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2346955	57.19	ng	0.00
79) Terphenyl-d14	12.95	244	2515079	57.64	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	174038	12.00	ng	# 75
25) Isophorone	7.39	82	1314519	32.83	ng	# 65
50) Dimethylphthalate	9.59	163	202644	4.69	ng	98
51) 2,6-Dinitrotoluene	9.87	165	76671	8.28	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	76671	6.58	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	37056	2.75	ng	# 1

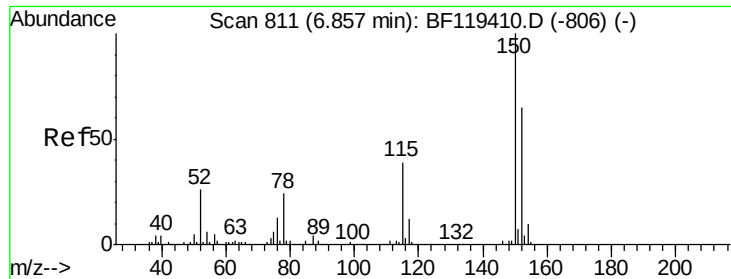
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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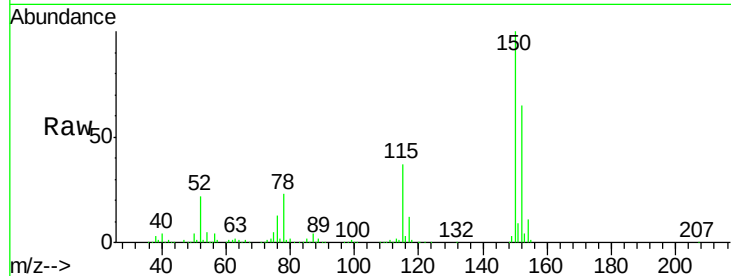


#1

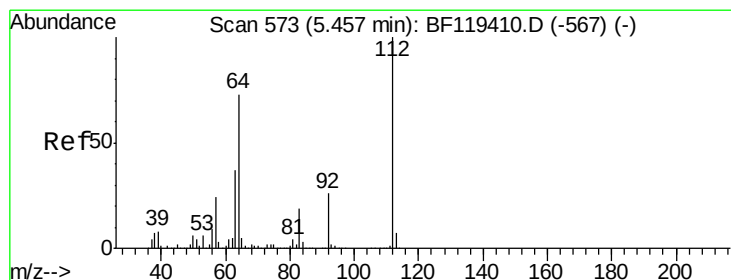
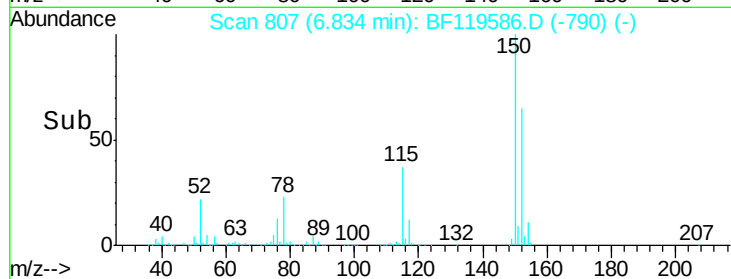
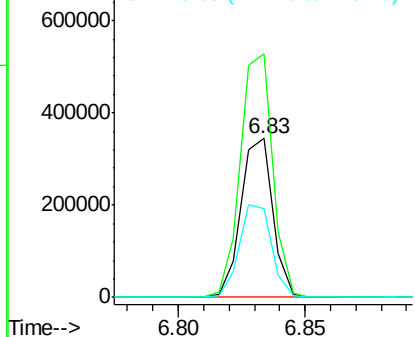
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119586.D
Acq: 28 Mar 2020 00:05

Instrument :
BNA_F
ClientSampleId :
SB-3-(10-12)

Tgt Ion:152 Resp: 299779
Ion Ratio Lower Upper
152 100
150 153.4 124.5 186.7
115 56.3 49.6 74.4



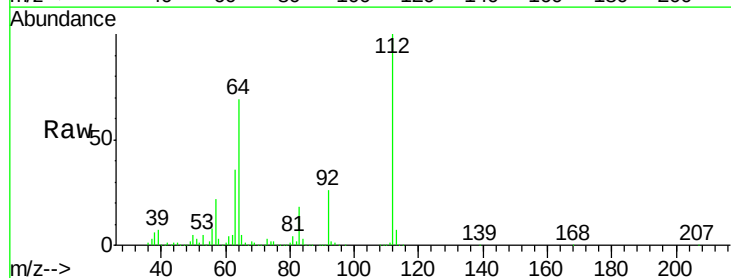
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



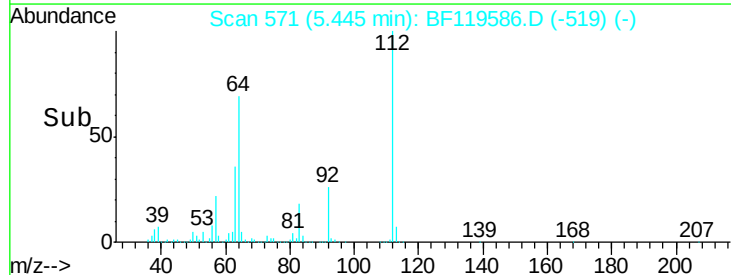
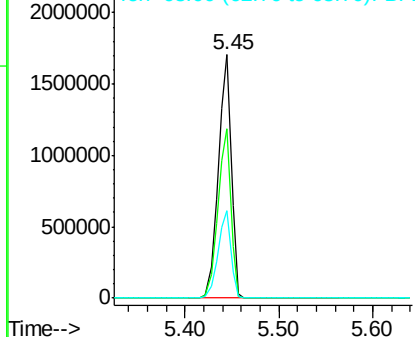
#5

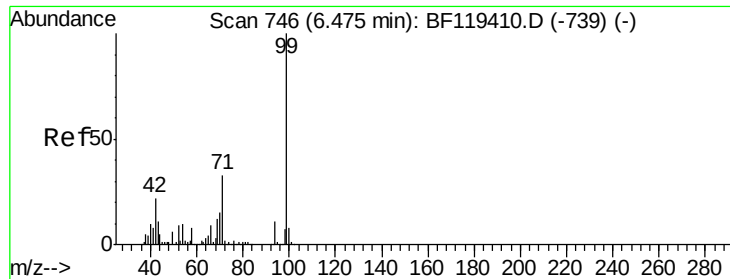
2-Fluorophenol
Concen: 87.80 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119586.D
Acq: 28 Mar 2020 00:05

Tgt Ion:112 Resp: 1653416
Ion Ratio Lower Upper
112 100
64 69.5 56.7 85.1
63 36.0 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: 87.13 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119586.D

Acq: 28 Mar 2020 00:05

Instrument :

BNA_F

ClientSampleId :

SB-3-(10-12)

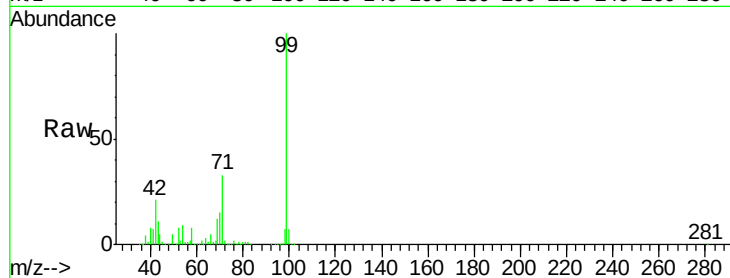
Tgt Ion: 99 Resp: 2096068

Ion Ratio Lower Upper

99 100

42 20.6 16.6 24.8

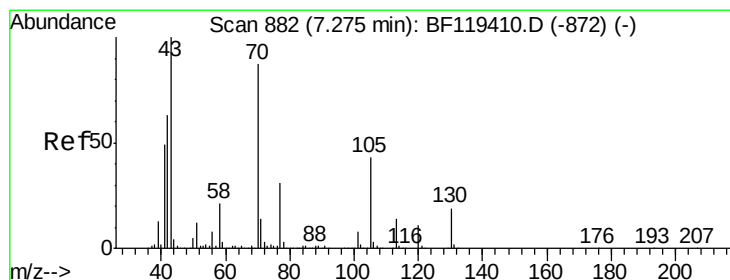
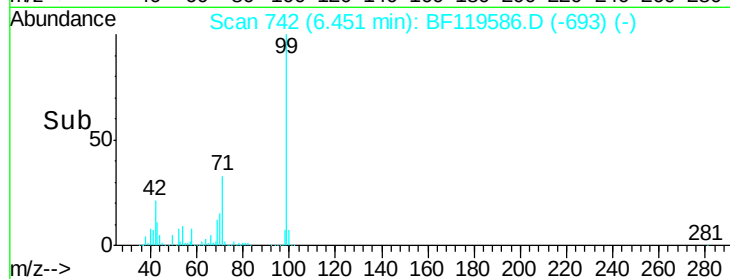
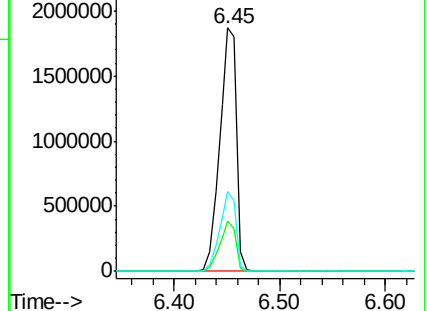
71 32.8 26.4 39.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.00 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119586.D

Acq: 28 Mar 2020 00:05

Tgt Ion: 70 Resp: 174038

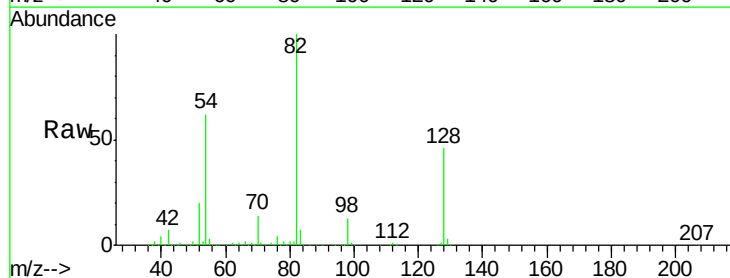
Ion Ratio Lower Upper

70 100

42 52.3 54.5 81.7#

101 0.0 7.6 11.4#

130 2.5 17.6 26.4#

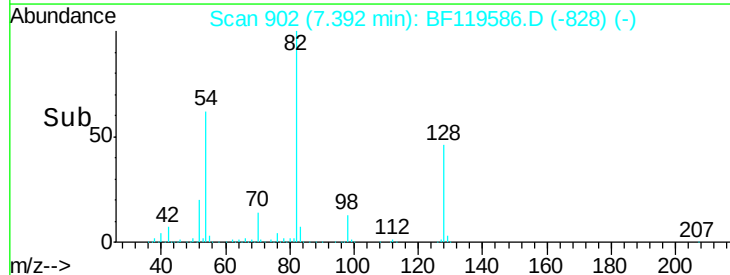
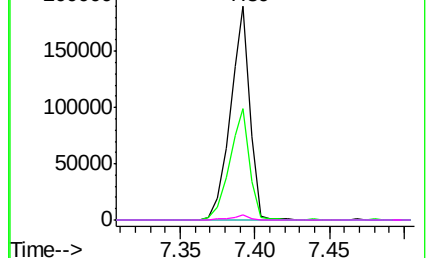


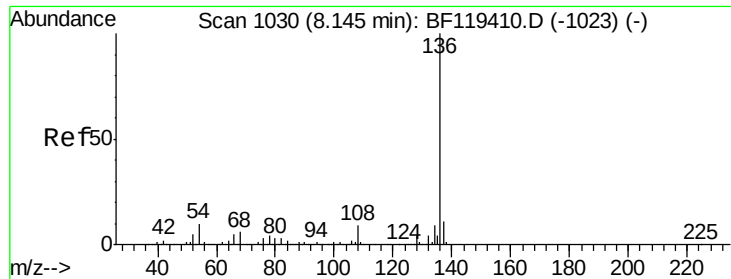
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

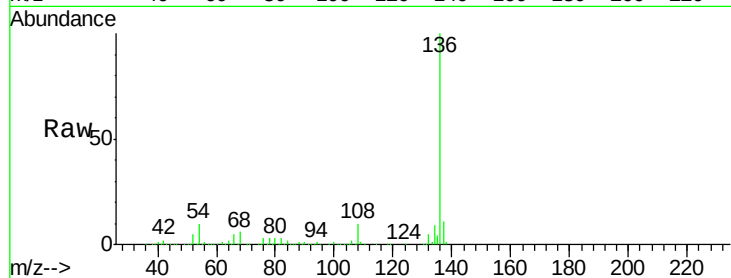




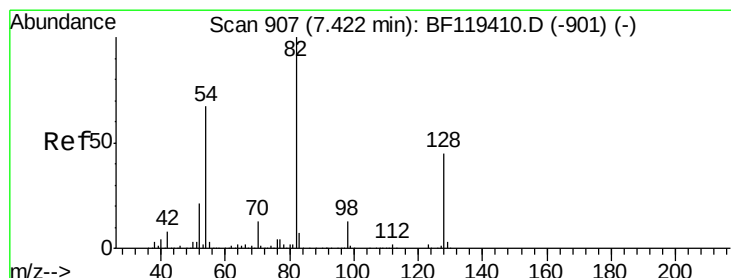
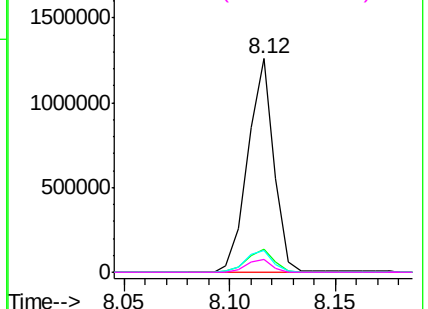
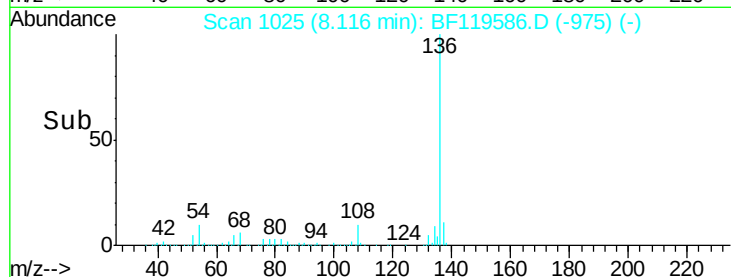
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119586.D
Acq: 28 Mar 2020 00:05

Instrument :
BNA_F
ClientSampleId :
SB-3-(10-12)

Tgt Ion:	136	Resp:	1072711
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.5	9.1	13.7
68	5.8	4.6	6.8

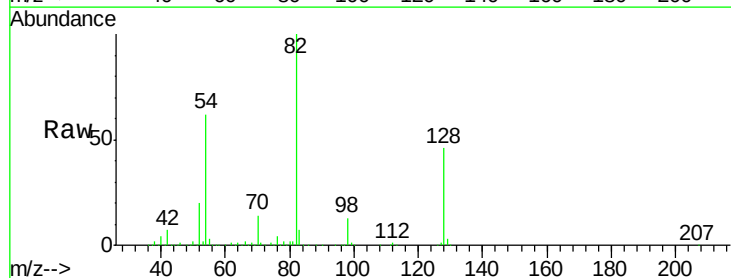


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

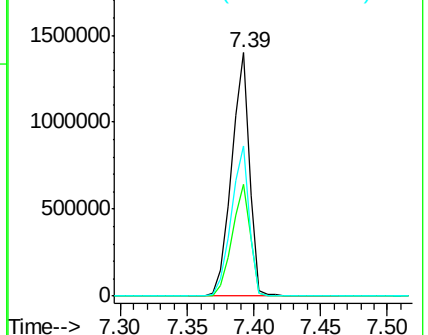
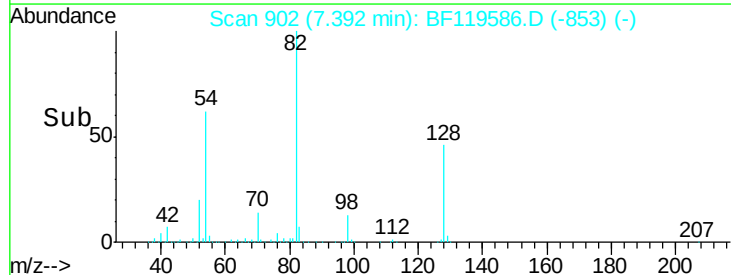


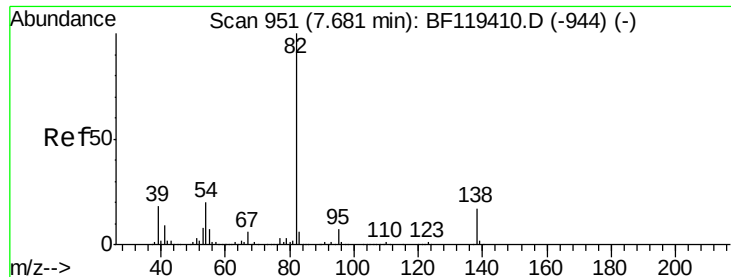
#23
Nitrobenzene-d5
Concen: 67.21 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119586.D
Acq: 28 Mar 2020 00:05

Tgt Ion:	82	Resp:	1326663
Ion	Ratio	Lower	Upper
82	100		
128	45.9	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: 32.83 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119586.D

Acq: 28 Mar 2020 00:05

Instrument :

BNA_F

ClientSampleId :

SB-3-(10-12)

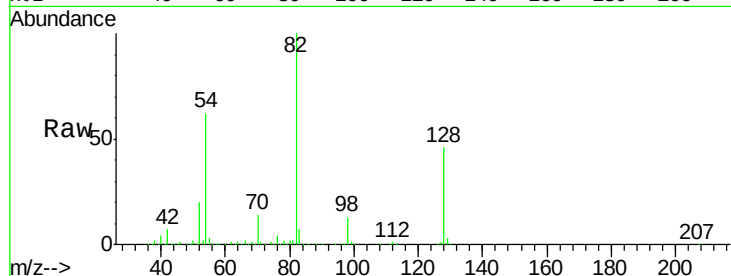
Tgt Ion: 82 Resp: 1314519

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

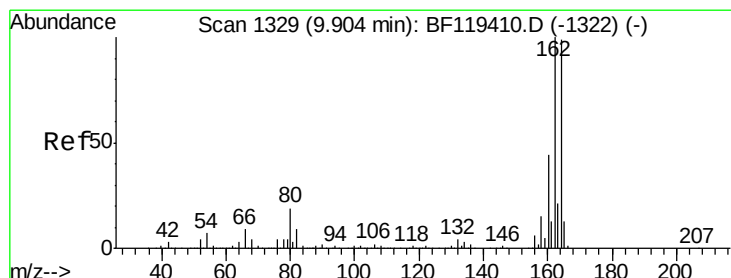
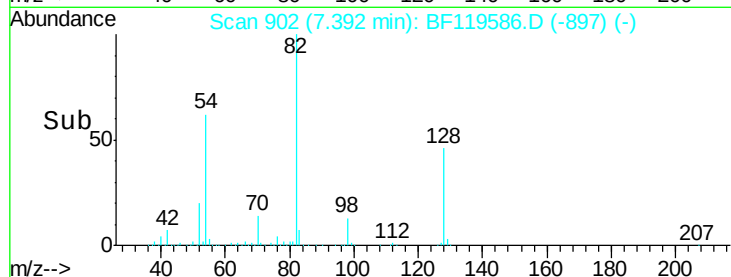
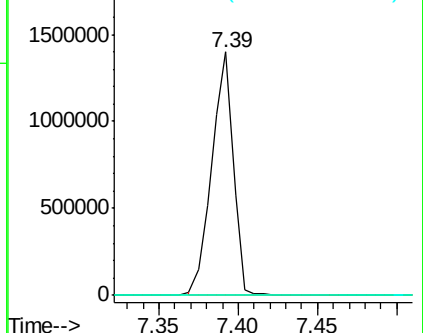
138 0.0 14.6 21.8#



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: 20.00 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119586.D

Acq: 28 Mar 2020 00:05

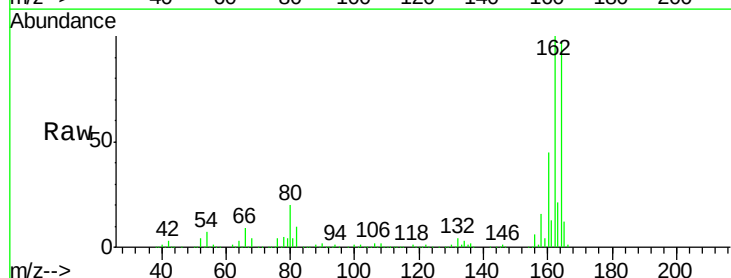
Tgt Ion: 164 Resp: 607954

Ion Ratio Lower Upper

164 100

162 103.0 80.6 121.0

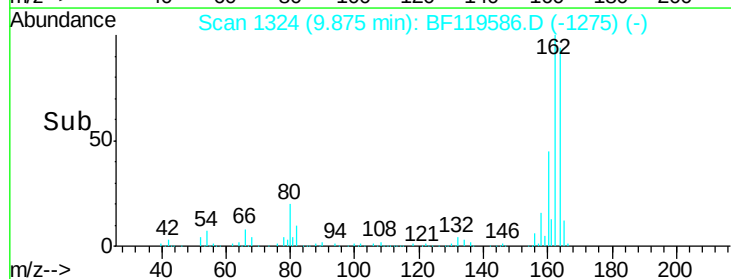
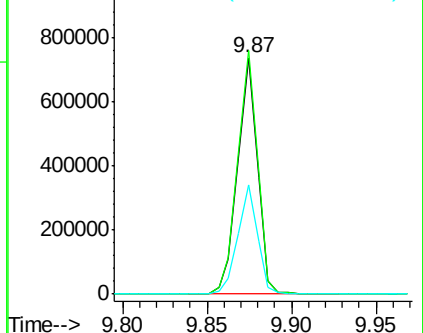
160 46.0 35.7 53.5

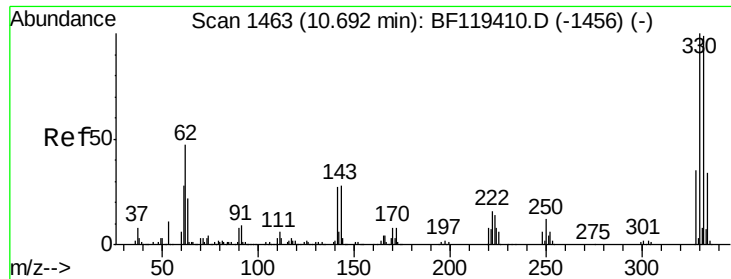


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

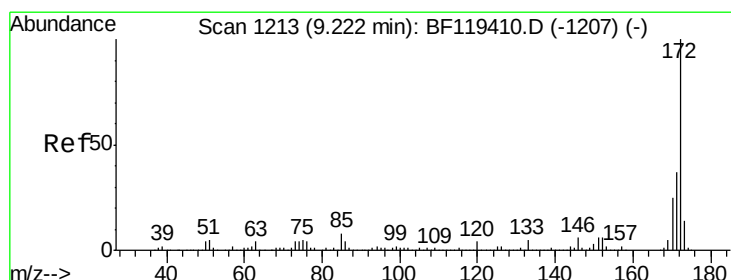
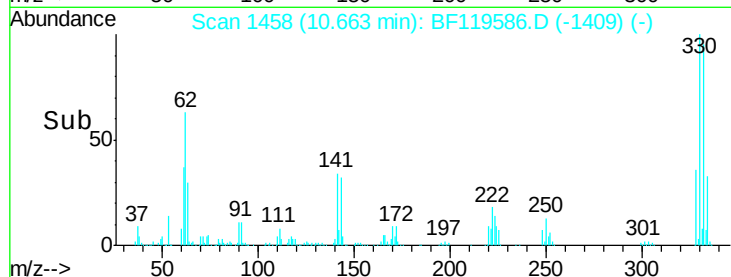
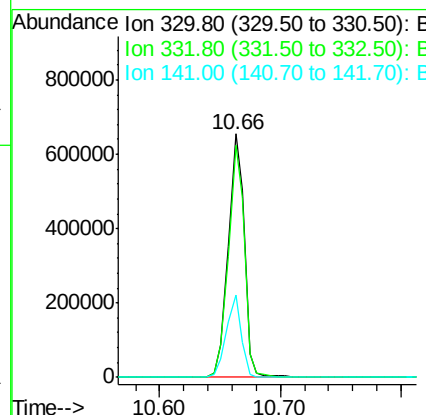
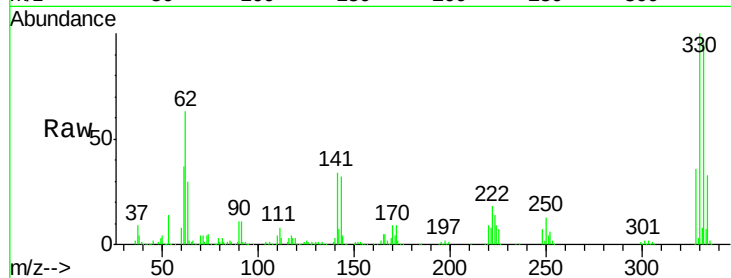




#42
 2,4,6-Tribromophenol
 Concen: 96.68 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119586.D
 Acq: 28 Mar 2020 00:05

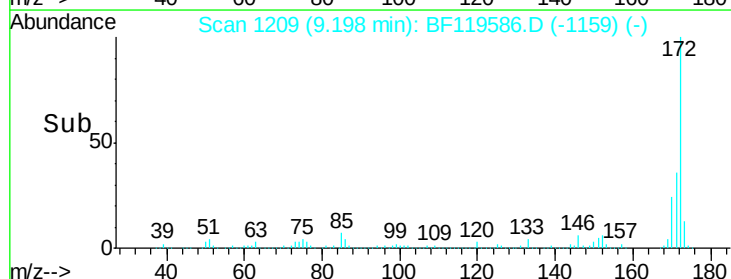
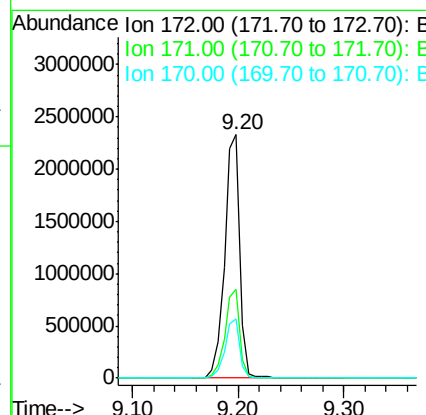
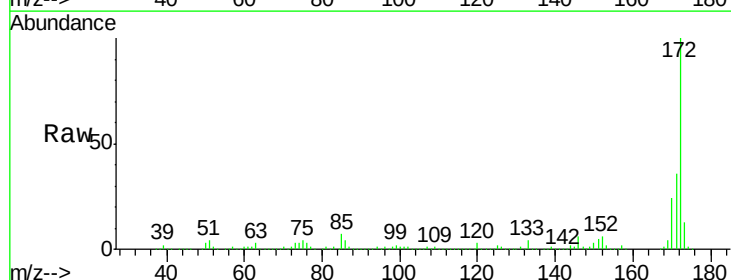
Instrument :
 BNA_F
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 SB-3-(10-12)

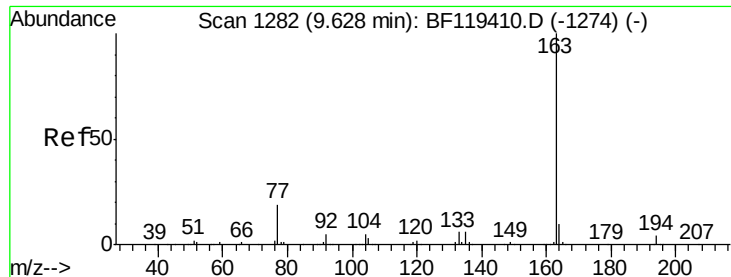
Tgt Ion:330 Resp: 606390
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.7 113.5
 141 31.4 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 57.19 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119586.D
 Acq: 28 Mar 2020 00:05

Tgt Ion:172 Resp: 2346955
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.2 20.2 30.2





#50

Dimethylphthalate

Concen: 4.69 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF119586.D

Acq: 28 Mar 2020 00:05

Instrument :

BNA_F

ClientSampleId :

SB-3-(10-12)

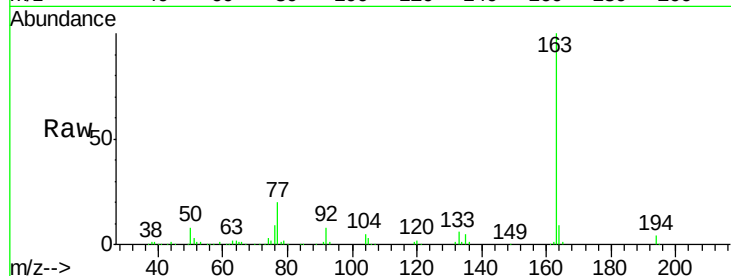
Tgt Ion:163 Resp: 202644

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.3 8.2 12.2

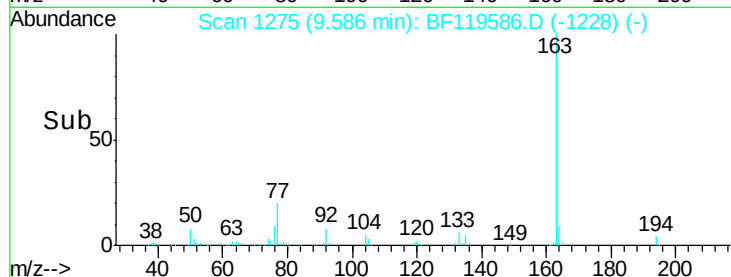


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

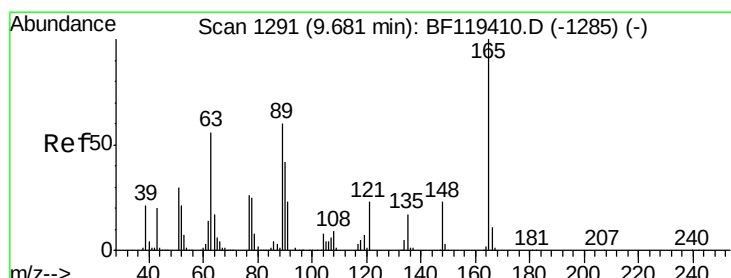
Ion 164.00 (163.70 to 164.70): E

Time--> 9.50 9.55 9.60 9.65 9.70



Abundance

Time--> 9.50 9.55 9.60 9.65 9.70



#51

2,6-Dinitrotoluene

Concen: 8.28 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF119586.D

Acq: 28 Mar 2020 00:05

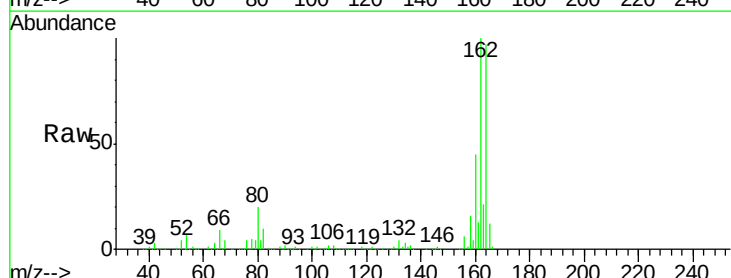
Tgt Ion:165 Resp: 76671

Ion Ratio Lower Upper

165 100

63 1.2 45.0 67.4#

89 1.3 41.5 62.3#

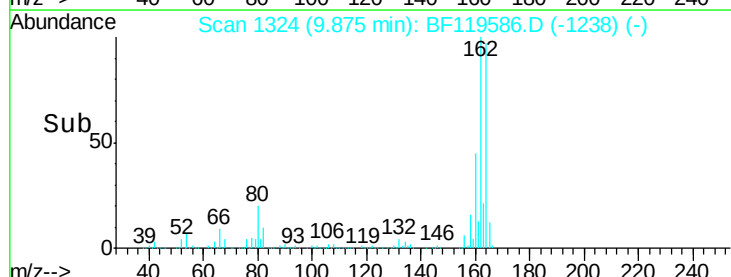


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

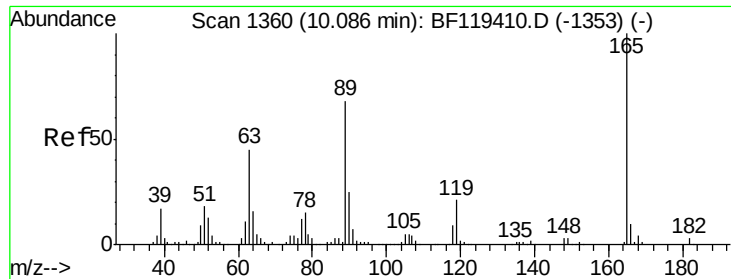
Ion 89.00 (88.70 to 89.70): BF1

Time--> 9.80 9.85 9.90 9.95



Abundance

Time--> 9.80 9.85 9.90 9.95



#57

2,4-Dinitrotoluene

Concen: 6.58 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.19 min

Lab File: BF119586.D

Acq: 28 Mar 2020 00:05

Instrument :

BNA_F

ClientSampleId :

SB-3-(10-12)

Tgt Ion:165 Resp: 76671

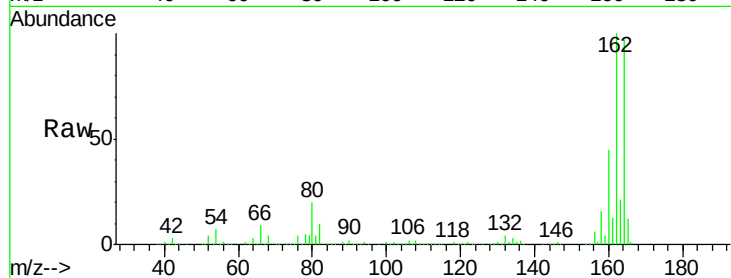
Ion Ratio Lower Upper

165 100

63 1.2 42.6 64.0#

89 1.3 61.0 91.4#

182 0.0 2.2 3.2#

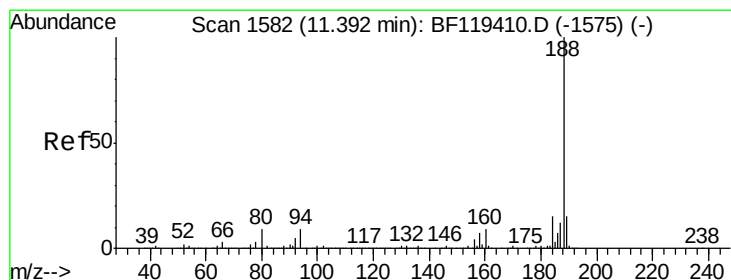
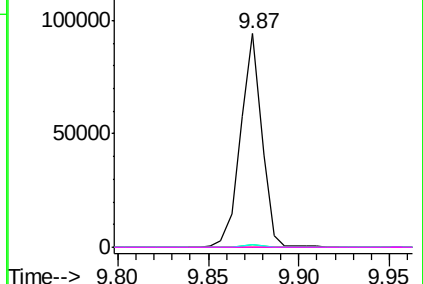
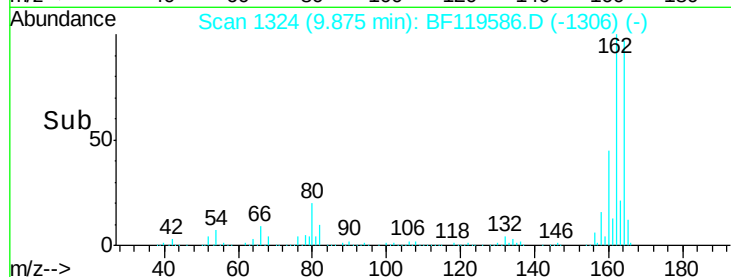


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119586.D

Acq: 28 Mar 2020 00:05

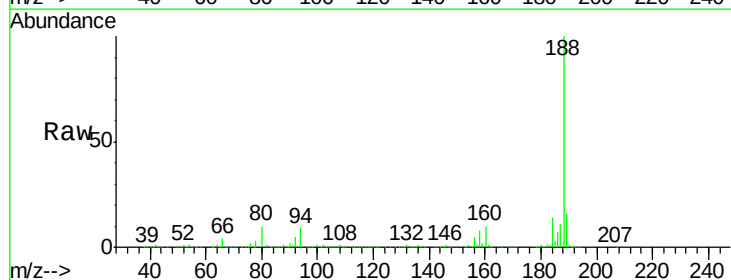
Tgt Ion:188 Resp: 1183038

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

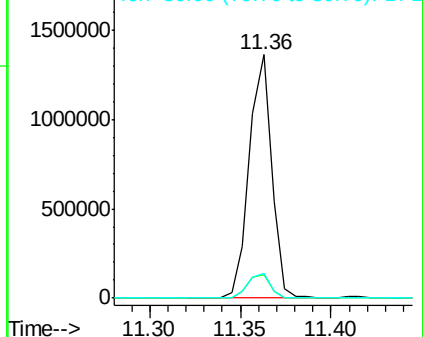
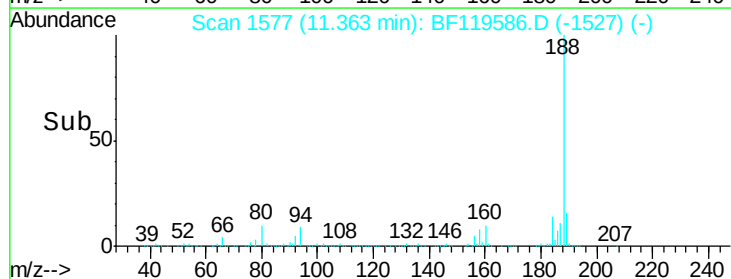
80 10.0 9.0 13.4

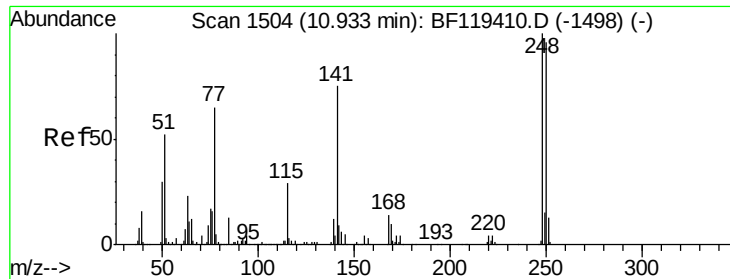


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

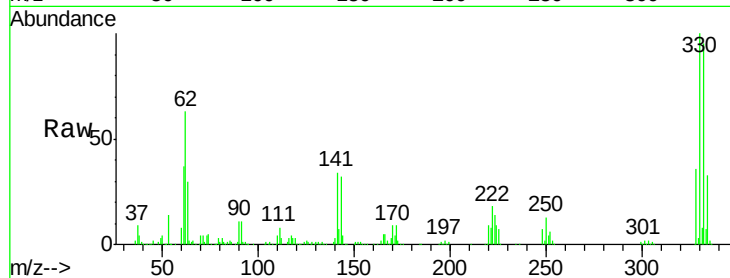




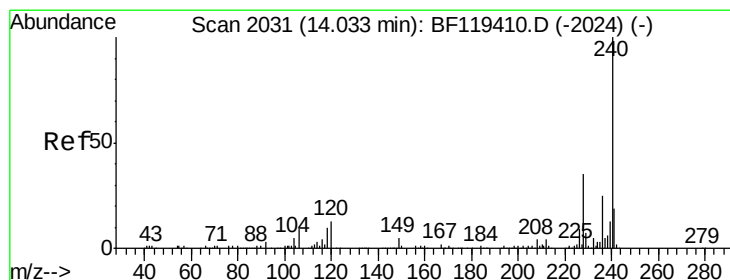
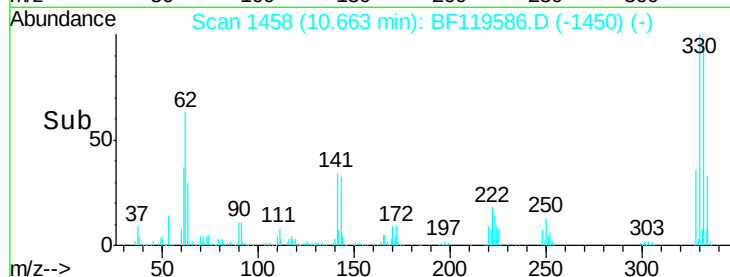
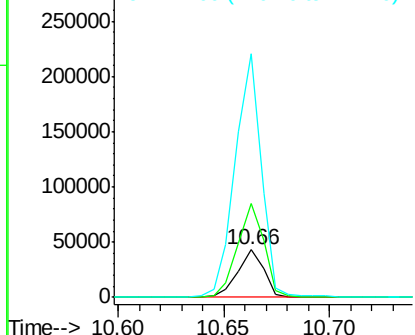
#67
 4-Bromophenyl-phenylether
 Concen: 2.75 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF119586.D
 Acq: 28 Mar 2020 00:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-(10-12)

Tgt Ion:248 Resp: 37056
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.3 115.9#
 141 513.9 58.6 87.8#

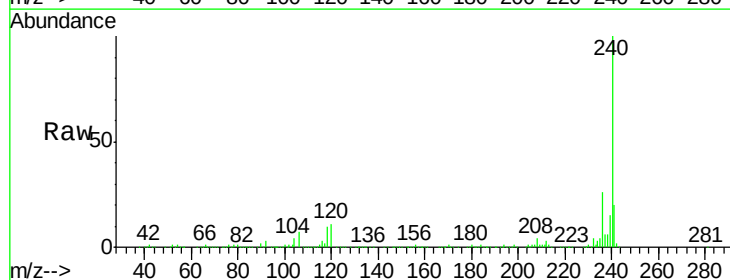


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

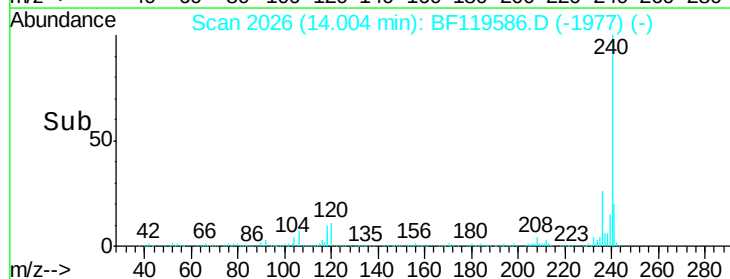
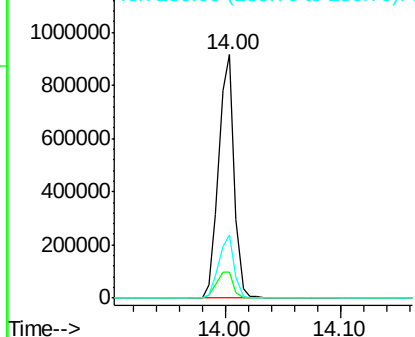


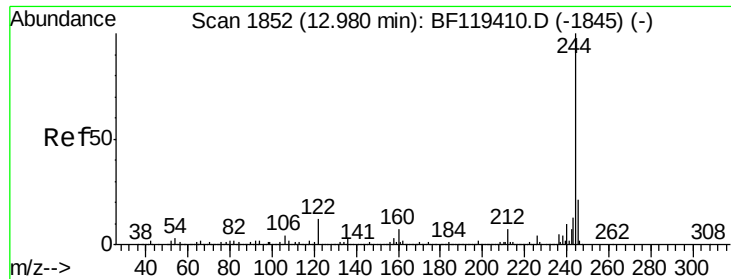
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119586.D
 Acq: 28 Mar 2020 00:05

Tgt Ion:240 Resp: 854930
 Ion Ratio Lower Upper
 240 100
 120 10.7 10.6 15.8
 236 26.0 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: 57.64 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF119586.D

Acq: 28 Mar 2020 00:05

Instrument :

BNA_F

ClientSampleId :

SB-3-(10-12)

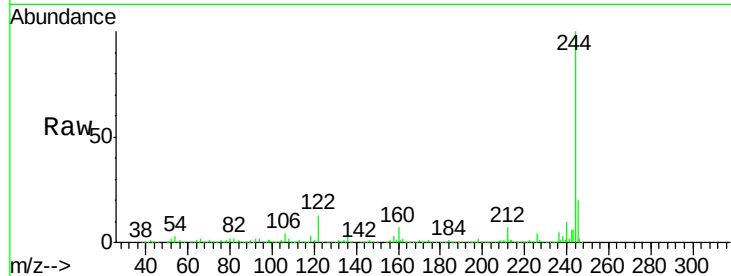
Tgt Ion:244 Resp: 2515079

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

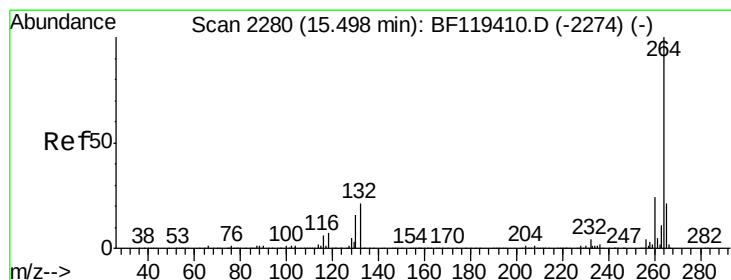
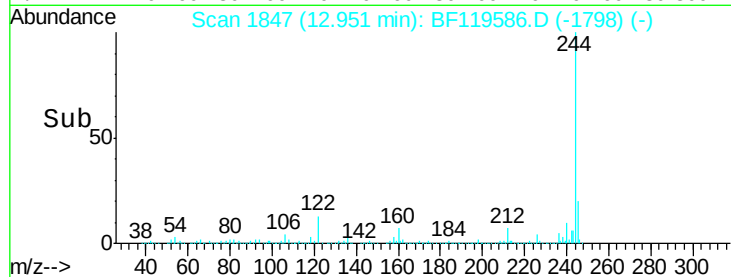
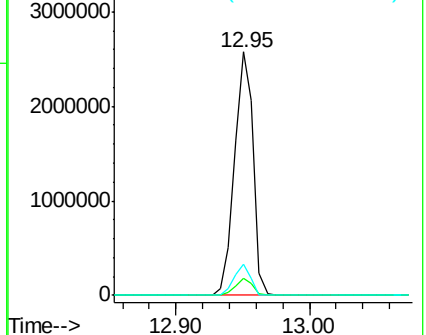
122 12.6 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF119586.D

Acq: 28 Mar 2020 00:05

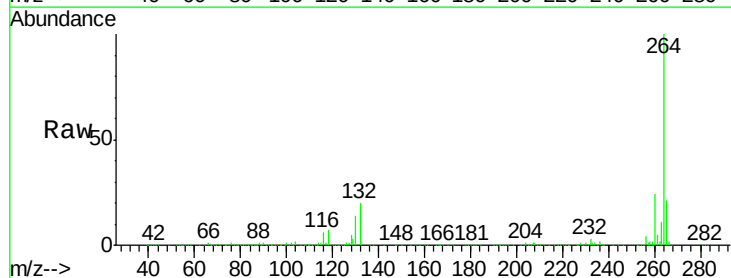
Tgt Ion:264 Resp: 679586

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.3 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

