

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF033120\
 Data File : BF119654.D
 Acq On : 31 Mar 2020 16:20
 Operator : MA/SJ
 Sample : L2042-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-5.5-6.0

Quant Time: Mar 31 16:52:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

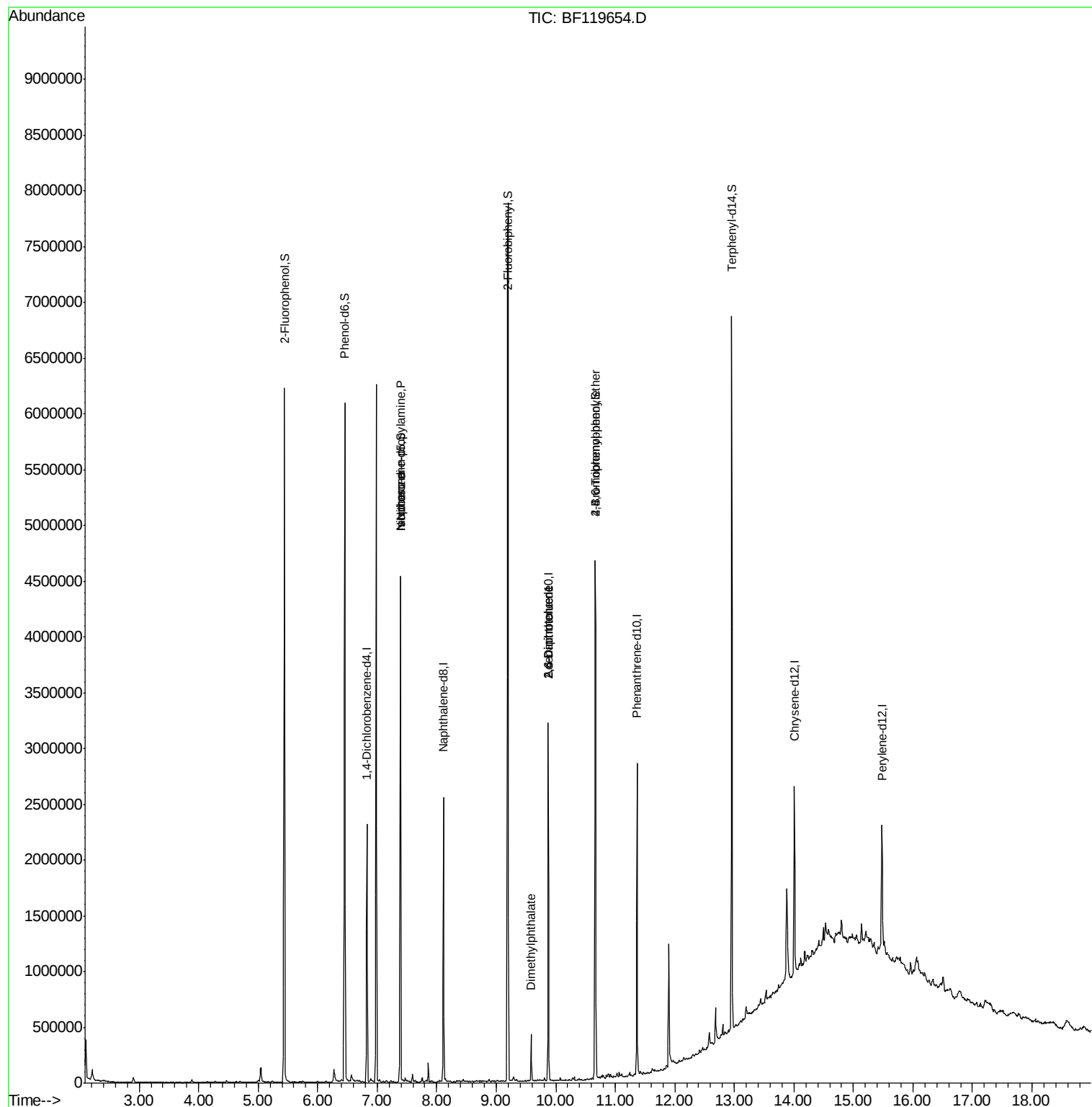
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	313203	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1179850	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	581246	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	969122	20.00	ng	0.00
76) Chrysene-d12	14.01	240	559989	20.00	ng	0.00
87) Perylene-d12	15.48	264	549548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1818144	92.41	ng	0.00
7) Phenol-d6	6.46	99	2291089	91.16	ng	0.00
23) Nitrobenzene-d5	7.39	82	1434545	66.08	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	590496	98.47	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2602032	66.32	ng	0.00
79) Terphenyl-d14	12.96	244	2334662	81.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	185825	12.267	ng	# 74
25) Isophorone	7.39	82	1411281	32.047	ng	# 65
50) Dimethylphthalate	9.59	163	138573	3.356	ng	100
51) 2,6-Dinitrotoluene	9.87	165	74994	8.474	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	74994	6.727	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	34780	3.151	ng	# 1

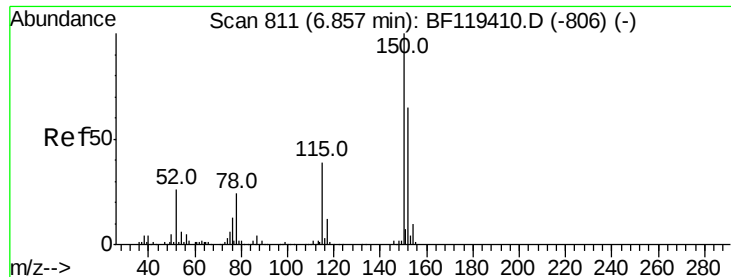
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

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BNA_F
ClientSampleId :
SB-03-5.5-6.0

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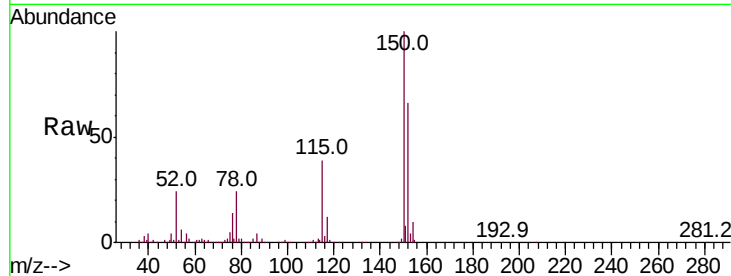


#1

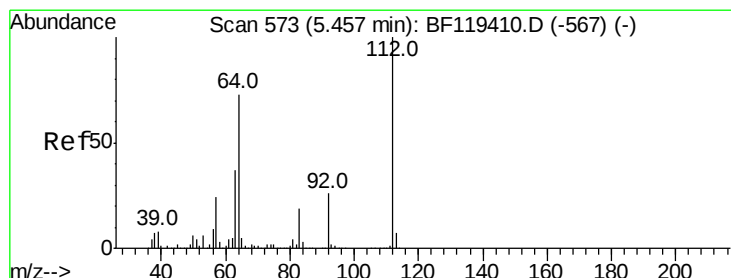
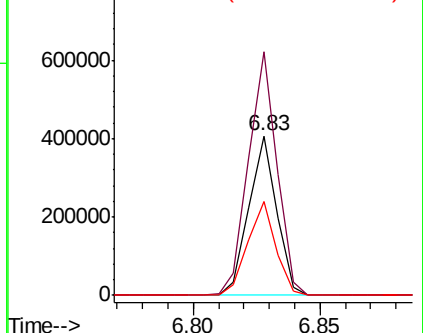
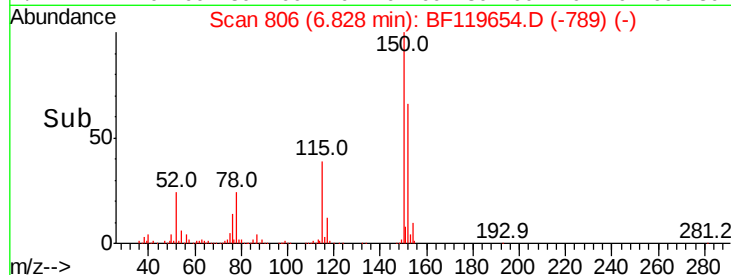
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF119654.D
Acq: 31 Mar 2020 16:20

Instrument :
BNA_F
ClientSampleId :
SB-03-5.5-6.0

Tot Ion:152 Resp: 313203
Ion Ratio Lower Upper
152 100
150 152.5 124.5 186.7
115 58.7 49.6 74.4



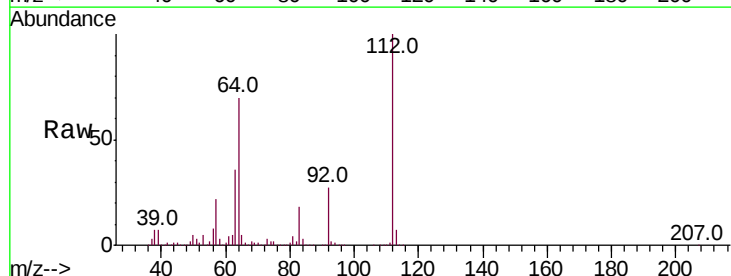
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



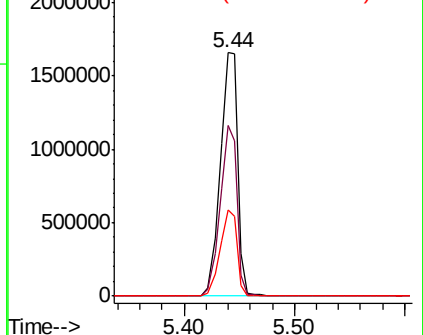
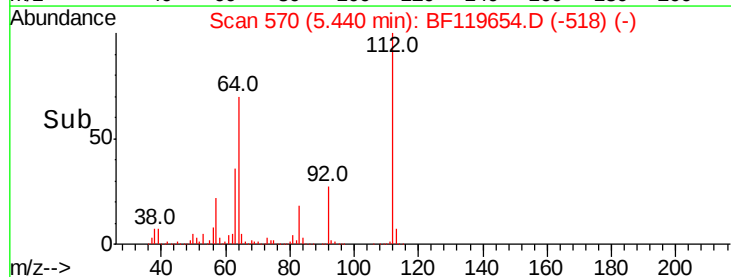
#5

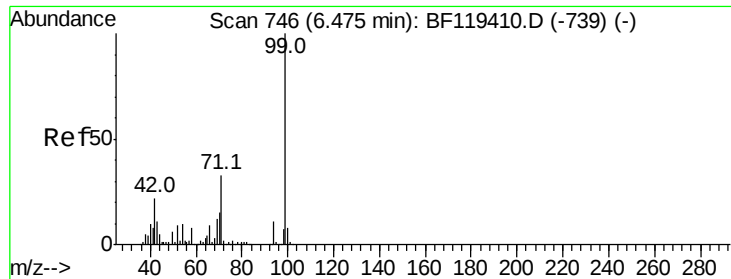
2-Fluorophenol
Concen: 92.410 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF119654.D
Acq: 31 Mar 2020 16:20

Tgt Ion:112 Resp: 1818144
Ion Ratio Lower Upper
112 100
64 70.1 56.7 85.1
63 35.5 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: 91.158 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF119654.D

Acq: 31 Mar 2020 16:20

Instrument :

BNA_F

ClientSampled :

SB-03-5.5-6.0

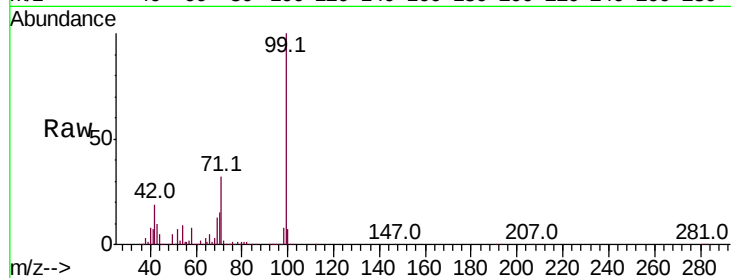
Tot Ion: 99 Resp: 2291089

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

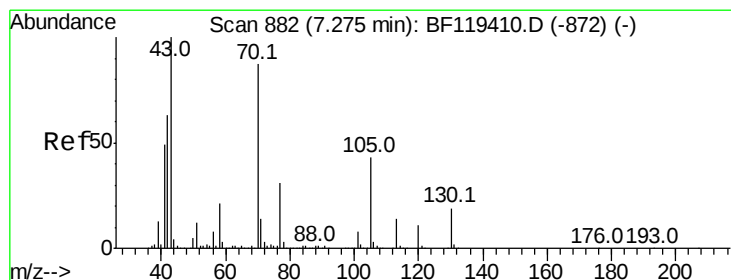
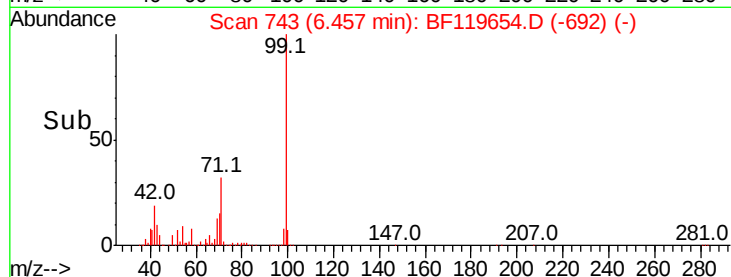
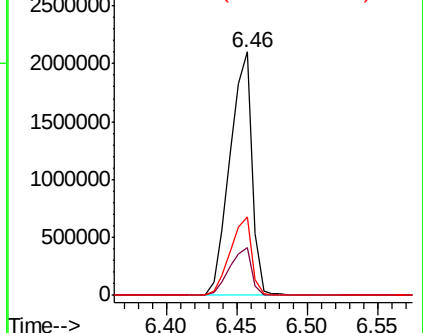
71 32.1 26.4 39.6



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: 12.267 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119654.D

Acq: 31 Mar 2020 16:20

Tgt Ion: 70 Resp: 185825

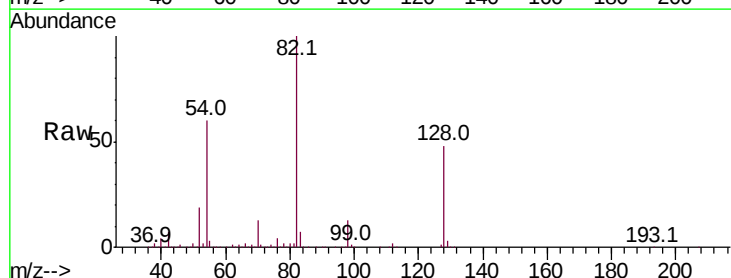
Ion Ratio Lower Upper

70 100

42 50.8 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

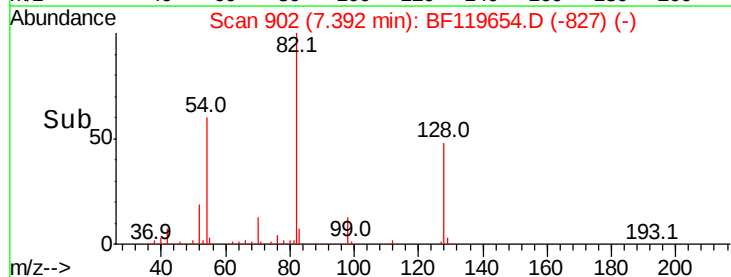
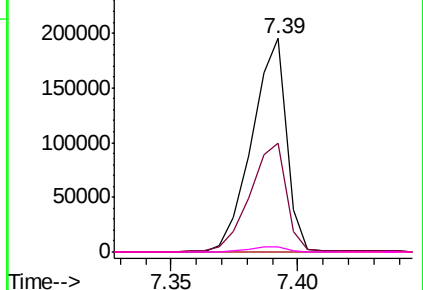


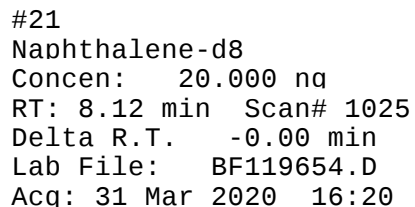
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

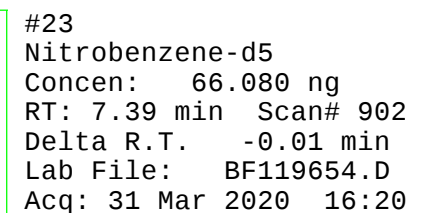
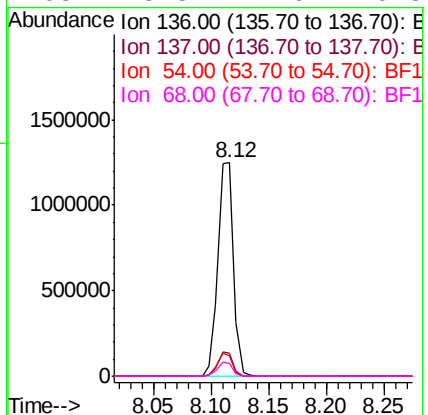
Ion 130.00 (129.70 to 130.70): BF1



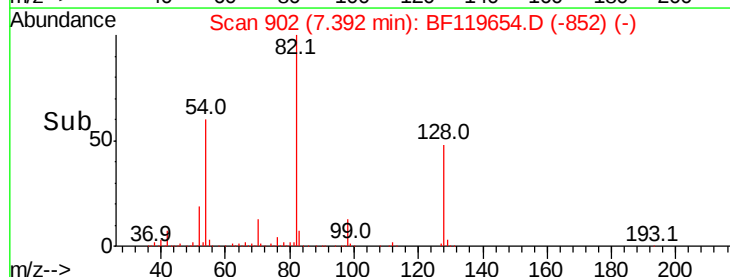
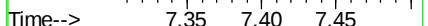
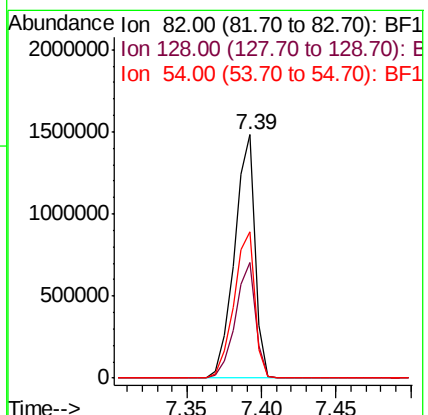


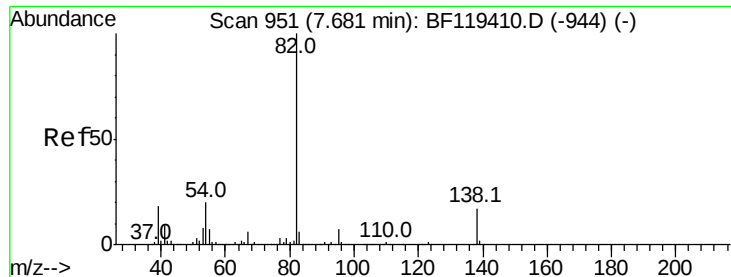
Instrument :
BNA_F
ClientSampleId :
SB-03-5.5-6.0

Tot	Ion:136	Resp:	1179850
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.7	9.1	13.7
68	5.8	4.6	6.8



Tgt	Ion: 82	Resp: 1434545
Ion	Ratio	Lower Upper
82	100	
128	47.6	36.3 54.5
54	60.0	50.6 75.8





#25

Isophorone

Concen: 32.047 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF119654.D

Acq: 31 Mar 2020 16:20

Instrument :

BNA_F

ClientSampleId :

SB-03-5.5-6.0

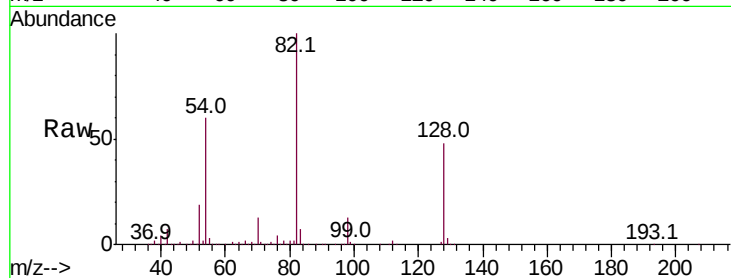
Tot Ion: 82 Resp: 1411281

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

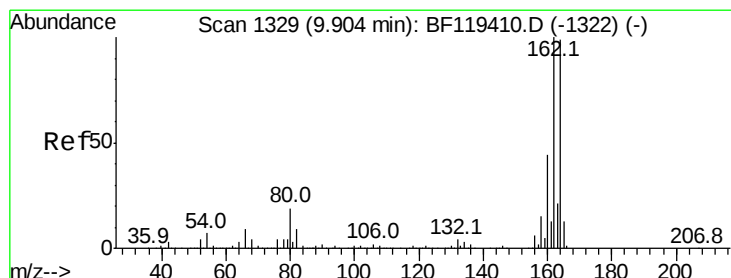
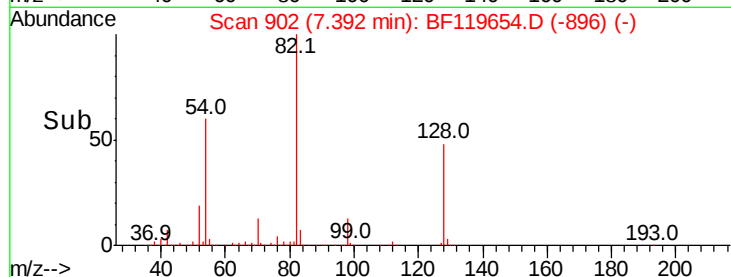
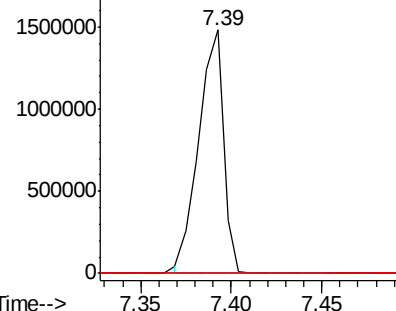
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

2000000 Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119654.D

Acq: 31 Mar 2020 16:20

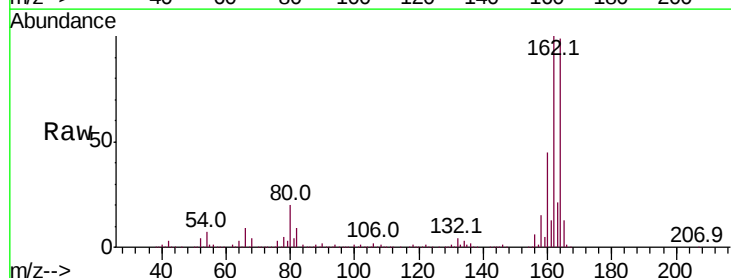
Tgt Ion:164 Resp: 581246

Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

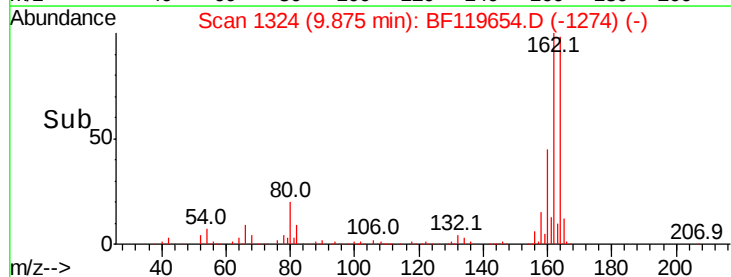
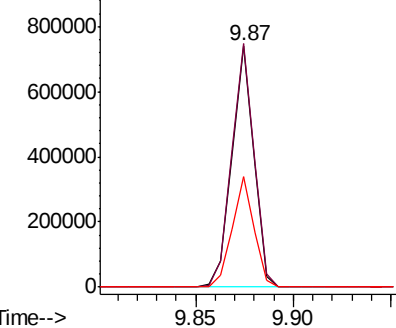
160 45.7 35.7 53.5

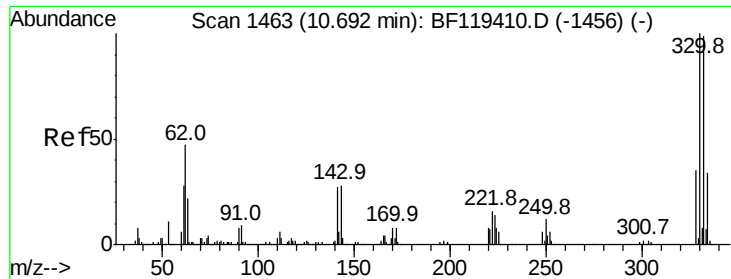


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

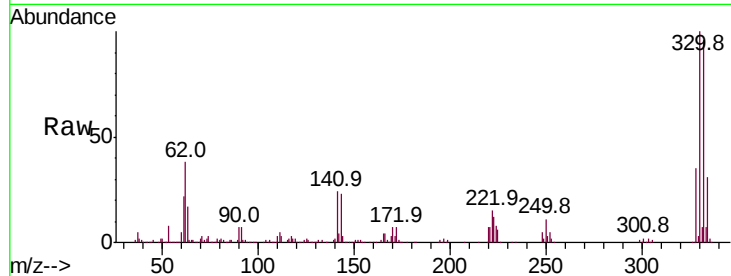




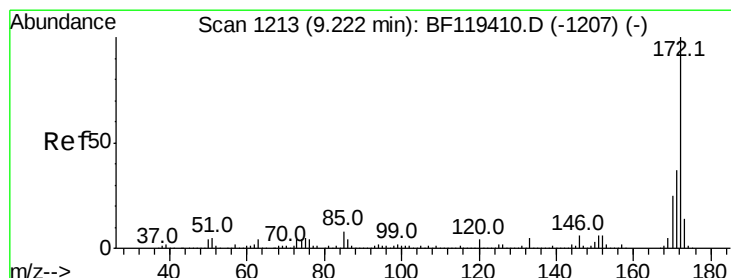
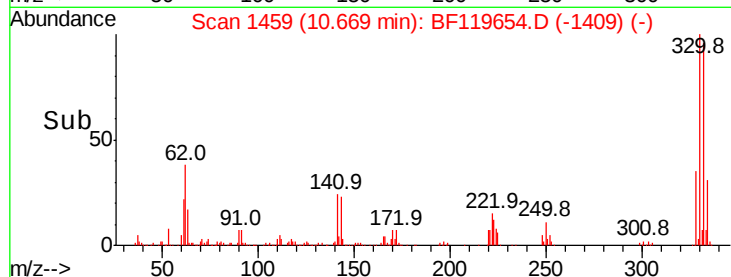
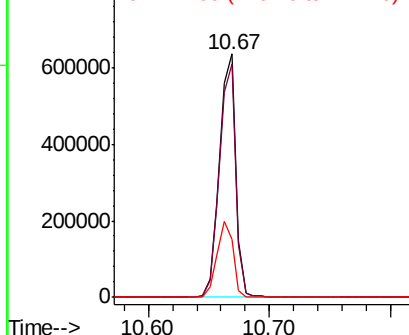
#42
 2,4,6-Tribromophenol
 Concen: 98.473 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119654.D
 Acq: 31 Mar 2020 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-5.5-6.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.7	113.5
141	30.8	25.4	38.0

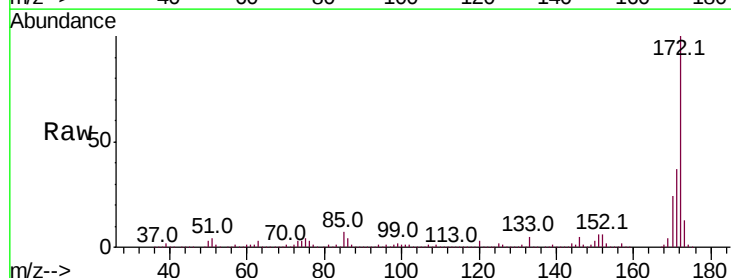


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

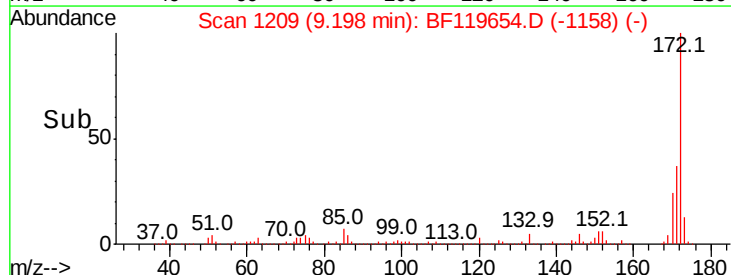
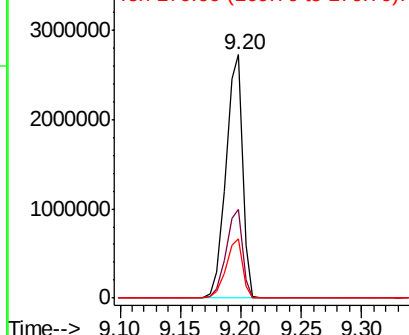


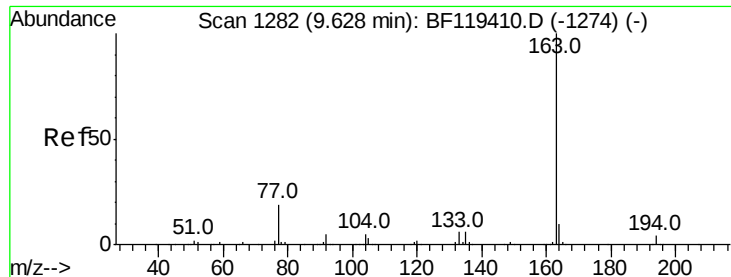
#45
 2-Fluorobiphenyl
 Concen: 66.320 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF119654.D
 Acq: 31 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.4	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: 3.356 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF119654.D

Acq: 31 Mar 2020 16:20

Instrument :

BNA_F

ClientSampleId :

SB-03-5.5-6.0

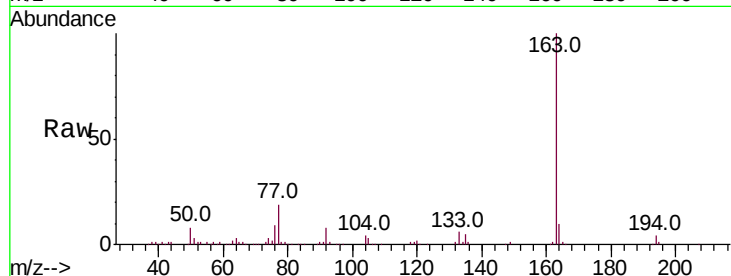
Tot Ion:163 Resp: 138573

Ion Ratio Lower Upper

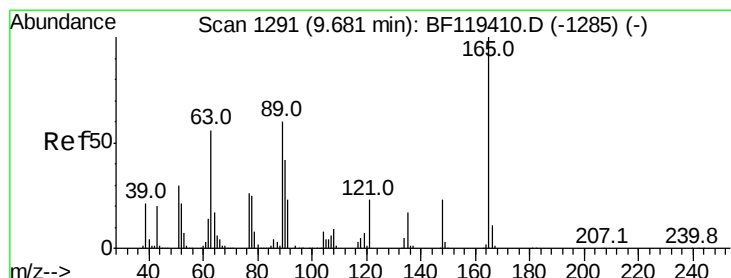
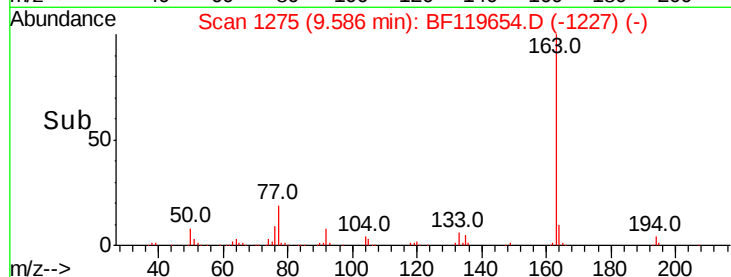
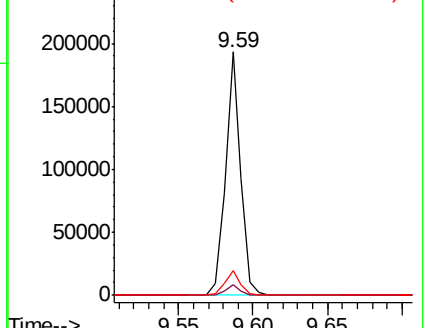
163 100

194 4.2 3.1 4.7

164 10.2 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



#51

2,6-Dinitrotoluene

Concen: 8.474 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF119654.D

Acq: 31 Mar 2020 16:20

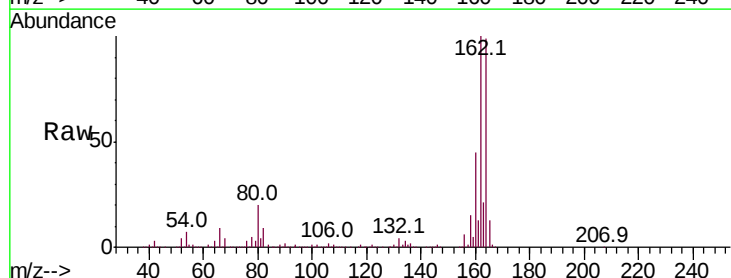
Tgt Ion:165 Resp: 74994

Ion Ratio Lower Upper

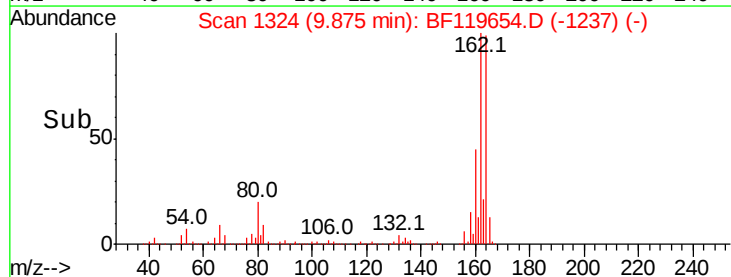
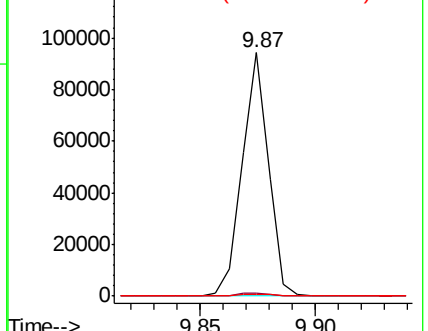
165 100

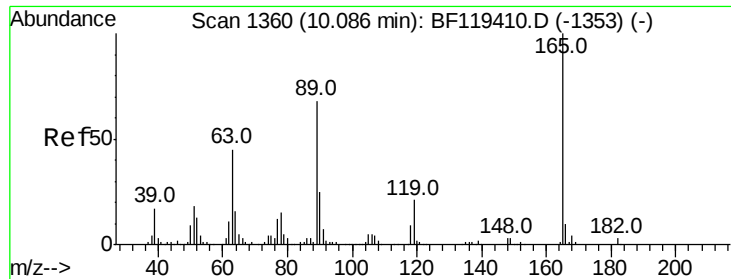
63 1.2 45.0 67.4#

89 0.9 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





#57

2,4-Dinitrotoluene

Concen: 6.727 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.19 min

Lab File: BF119654.D

Acq: 31 Mar 2020 16:20

Instrument :

BNA_F

ClientSampleId :

SB-03-5.5-6.0

Tot Ion:165 Resp: 74994

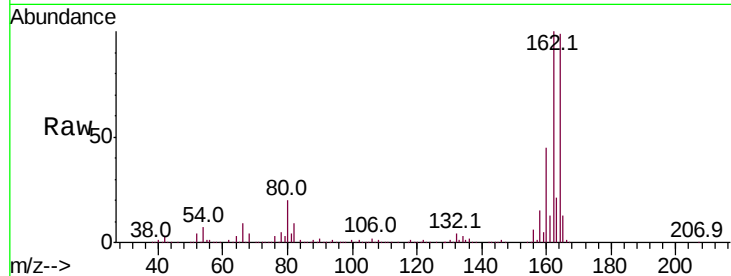
Ion Ratio Lower Upper

165 100

63 1.2 42.6 64.0#

89 0.9 61.0 91.4#

182 0.0 2.2 3.2#

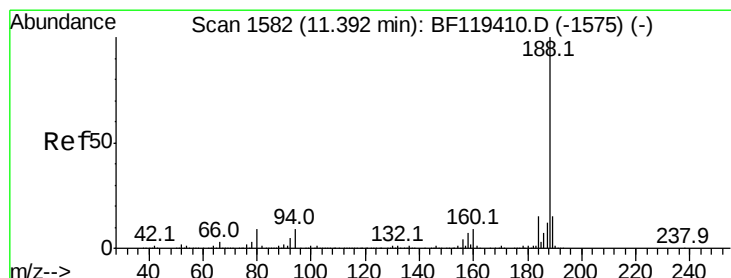
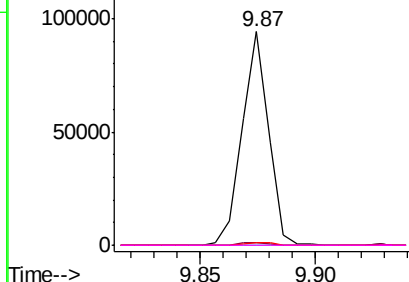
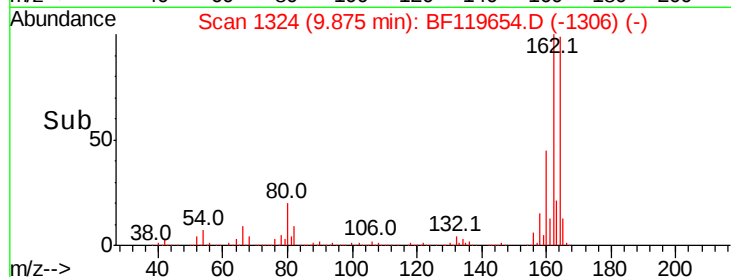


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119654.D

Acq: 31 Mar 2020 16:20

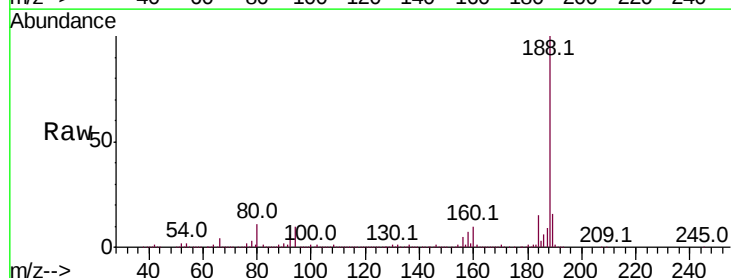
Tgt Ion:188 Resp: 969122

Ion Ratio Lower Upper

188 100

94 10.2 7.5 11.3

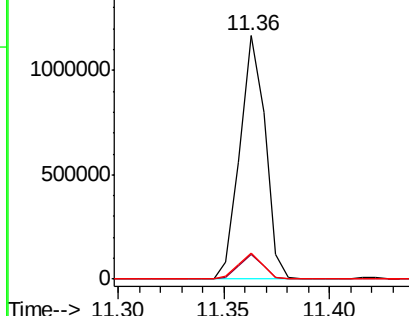
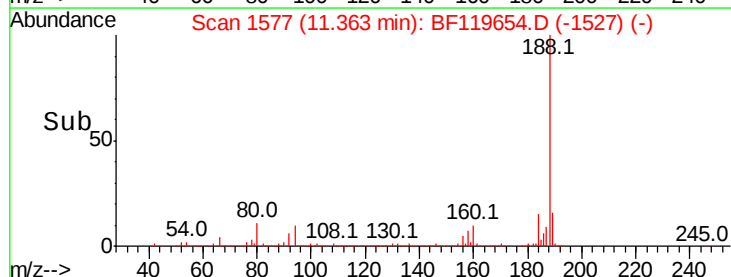
80 10.5 9.0 13.4

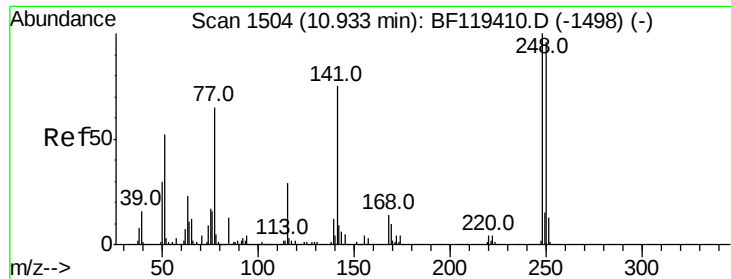


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

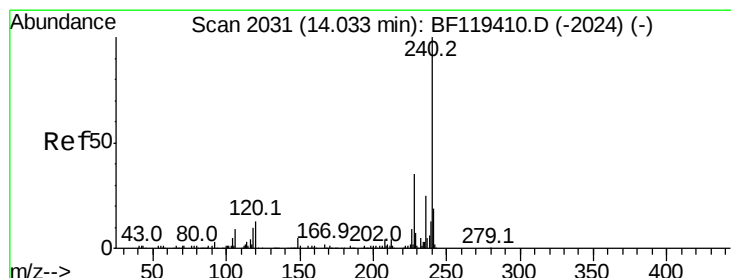
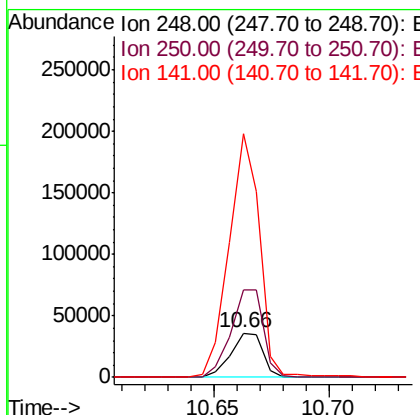
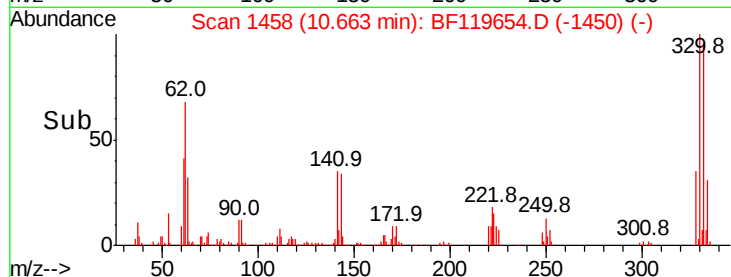
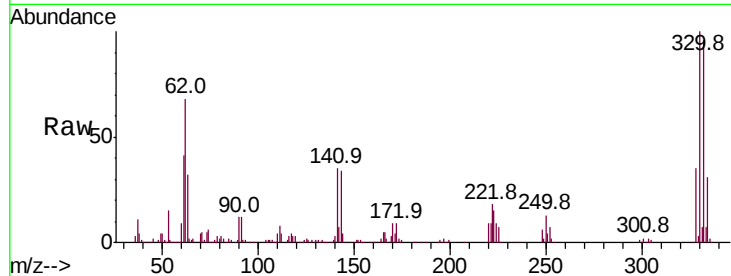




#67
4-Bromophenyl-phenylether
Concen: 3.151 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF119654.D
Acq: 31 Mar 2020 16:20

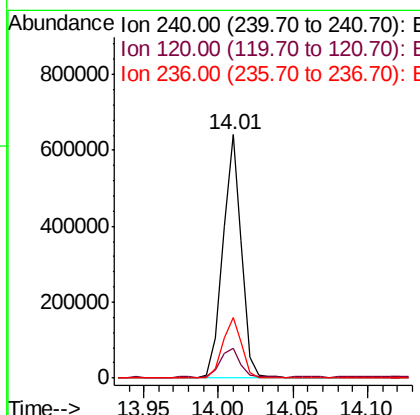
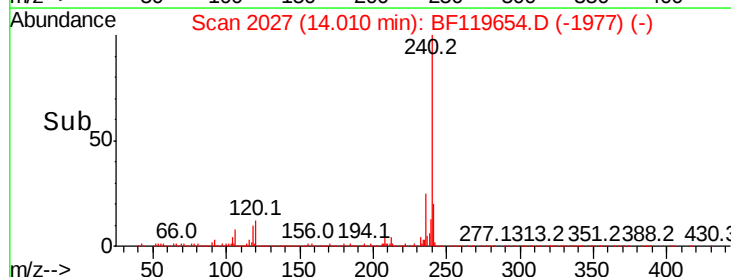
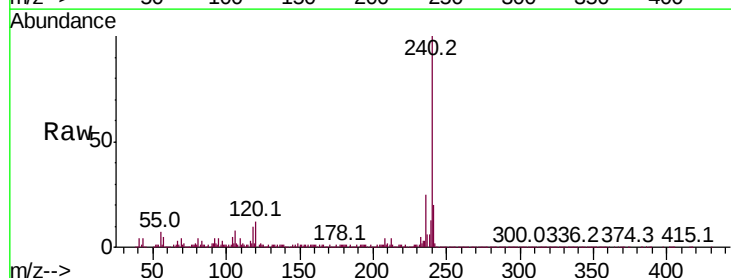
Instrument :
BNA_F
ClientSampleId :
SB-03-5.5-6.0

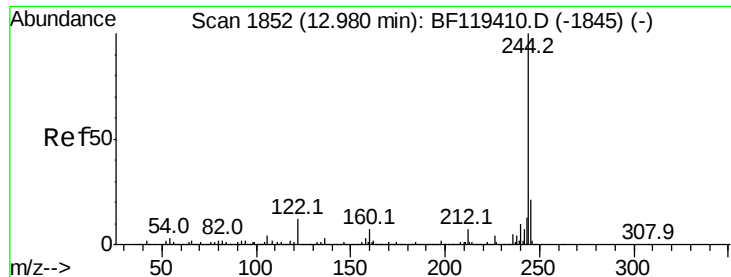
Tot Ion:248 Resp: 34780
Ion Ratio Lower Upper
248 100
250 199.7 77.3 115.9#
141 553.7 58.6 87.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119654.D
Acq: 31 Mar 2020 16:20

Tgt Ion:240 Resp: 559989
Ion Ratio Lower Upper
240 100
120 12.1 10.6 15.8
236 25.0 20.2 30.2





#79

Terphenyl-d14

Concen: 81.682 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119654.D

Acq: 31 Mar 2020 16:20

Instrument :

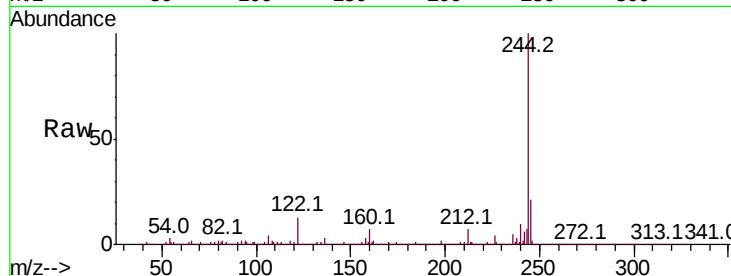
BNA_F

ClientSampleId :

SB-03-5.5-6.0

Tot Ion:244 Resp: 2334662

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.7	10.3	15.5

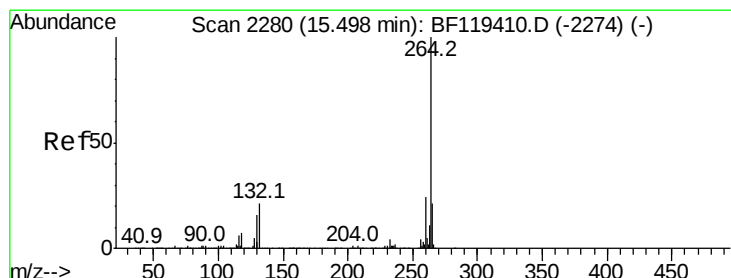
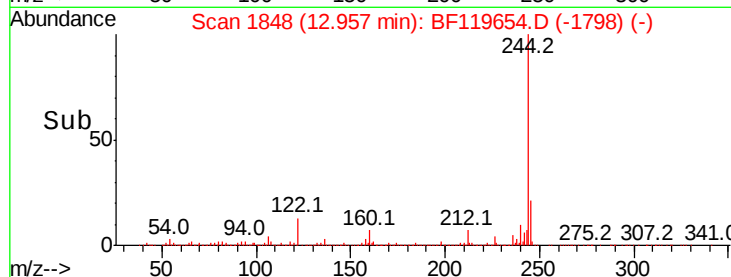
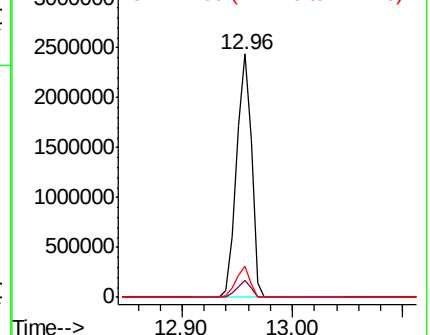


Abundance

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: 20.000 ng

RT: 15.48 min Scan# 2277

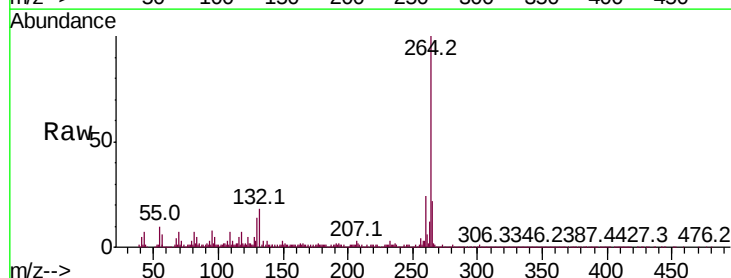
Delta R.T. -0.00 min

Lab File: BF119654.D

Acq: 31 Mar 2020 16:20

Tgt Ion:264 Resp: 549548

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.9	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

