

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
 Data File : BF117334.D
 Acq On : 3 Oct 2019 23:18
 Operator : JU
 Sample : K5128-02RE 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2ARE

Quant Time: Oct 04 03:21:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

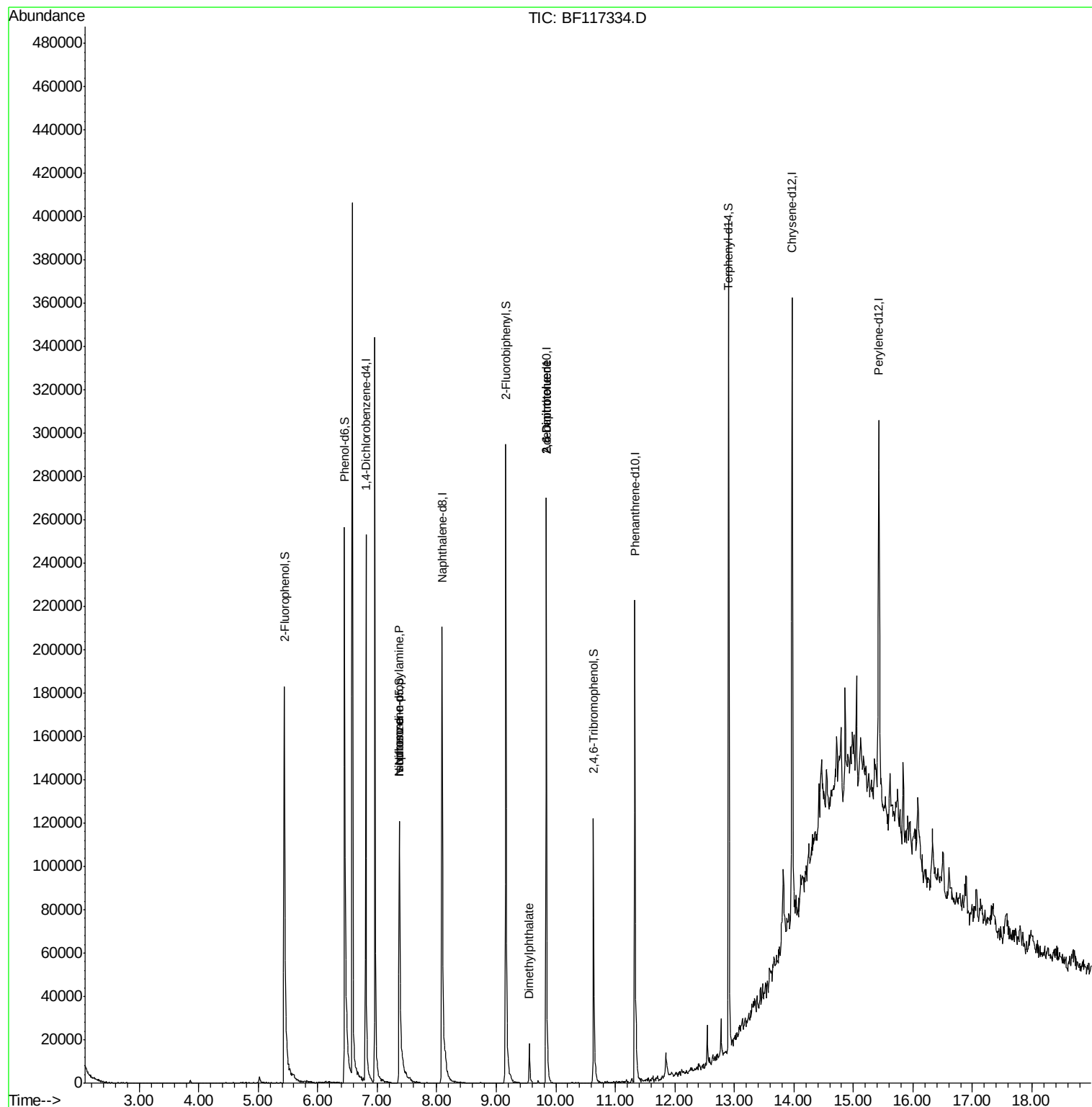
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	48272	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	166856	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	64598	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	102175	20.00	ng	0.00
76) Chrysene-d12	13.97	240	99575	20.00	ng	0.00
87) Perylene-d12	15.43	264	77692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	101827	32.93	ng	0.00
7) Phenol-d6	6.45	99	144943	36.27	ng	0.00
23) Nitrobenzene-d5	7.37	82	89597	28.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	18923	35.05	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	133865	32.40	ng	-0.02
79) Terphenyl-d14	12.90	244	129570	24.32	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.58	77	2542	Below Cal		Qvalue # 67
19) n-Nitroso-di-n-propylamine	7.37	70	10764	4.424 ng	#	82
25) Isophorone	7.37	82	89597	15.935 ng	#	66
50) Dimethylphthalate	9.56	163	10723	2.344 ng		100
51) 2,6-Dinitrotoluene	9.84	165	8013	8.602 ng	#	24
57) 2,4-Dinitrotoluene	9.84	165	8013	6.627 ng	#	18

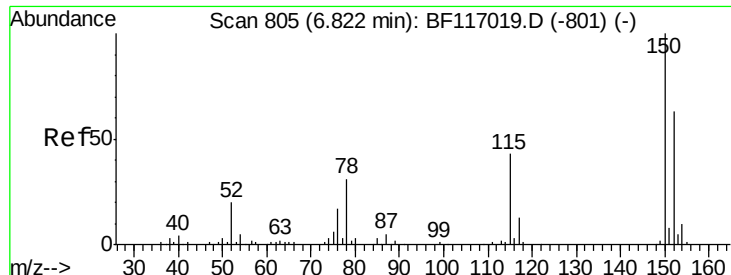
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
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Response via : Initial Calibration



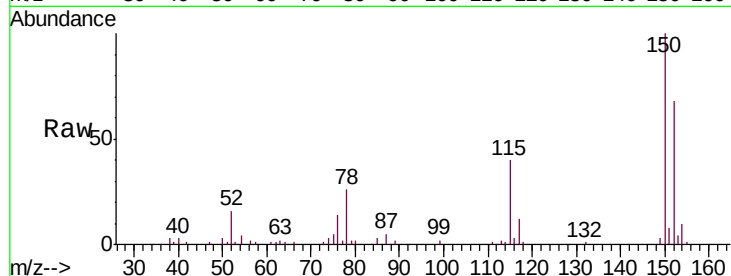


#1

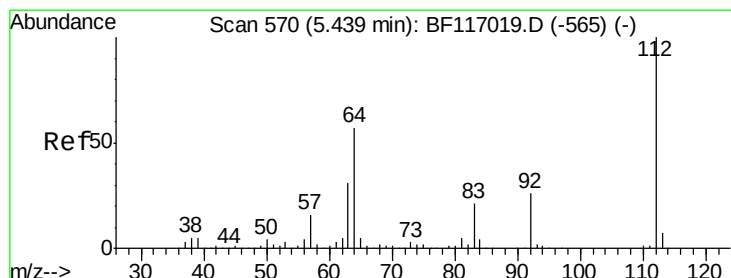
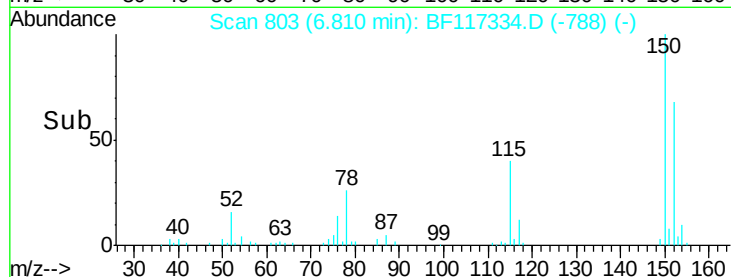
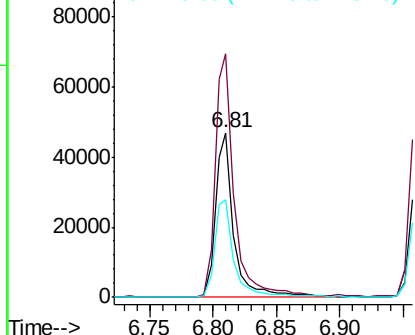
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117334.D
Acq: 3 Oct 2019 23:18

Instrument :
BNA_F
ClientSampleId :
SB-2ARE

Tgt Ion:152 Resp: 48272
Ion Ratio Lower Upper
152 100
150 148.1 127.5 191.3
115 59.2 55.0 82.4



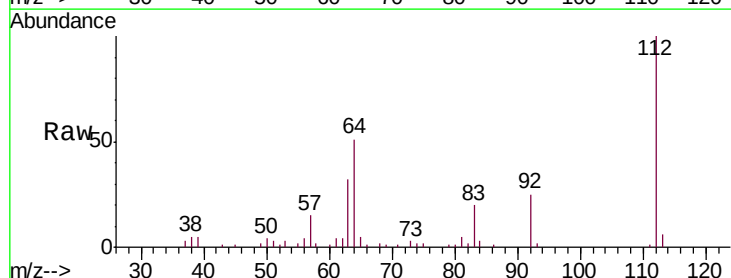
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



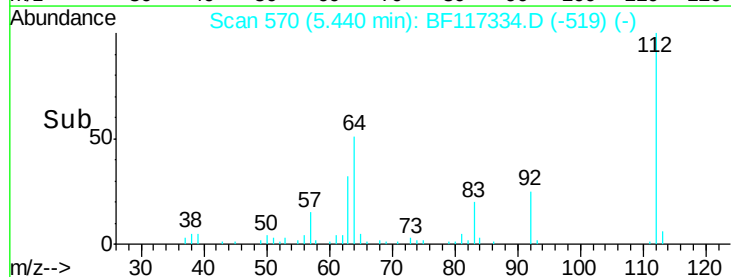
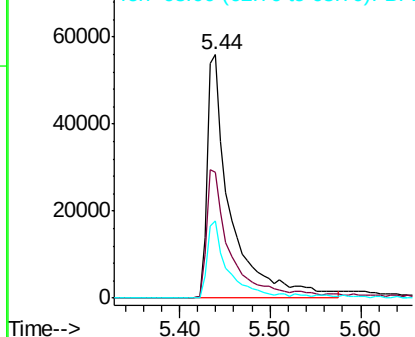
#5

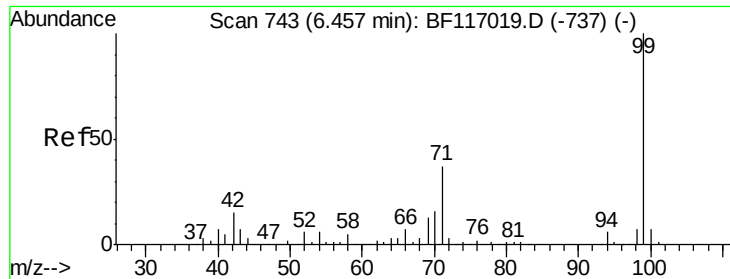
2-Fluorophenol
Concen: 32.934 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117334.D
Acq: 3 Oct 2019 23:18

Tgt Ion:112 Resp: 101827
Ion Ratio Lower Upper
112 100
64 51.5 45.7 68.5
63 31.7 24.9 37.3



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: 36.274 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117334.D

Acq: 3 Oct 2019 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2ARE

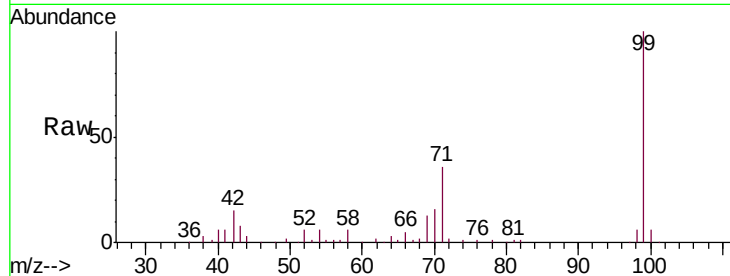
Tgt Ion: 99 Resp: 144943

Ion Ratio Lower Upper

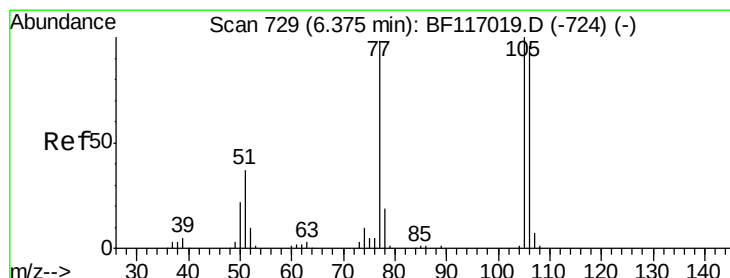
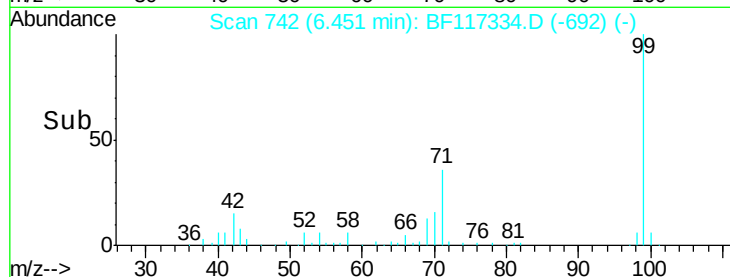
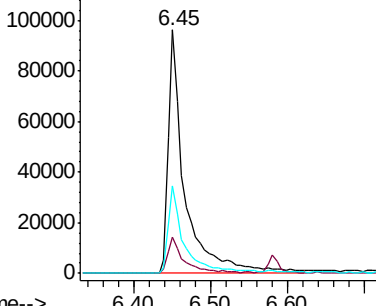
99 100

42 15.0 12.2 18.2

71 36.1 29.8 44.8



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.58 min Scan# 764

Delta R.T. 0.21 min

Lab File: BF117334.D

Acq: 3 Oct 2019 23:18

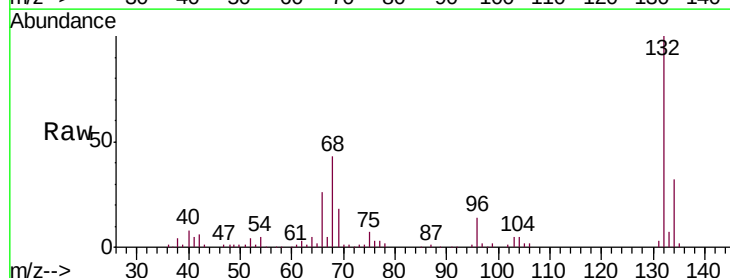
Tgt Ion: 77 Resp: 2542

Ion Ratio Lower Upper

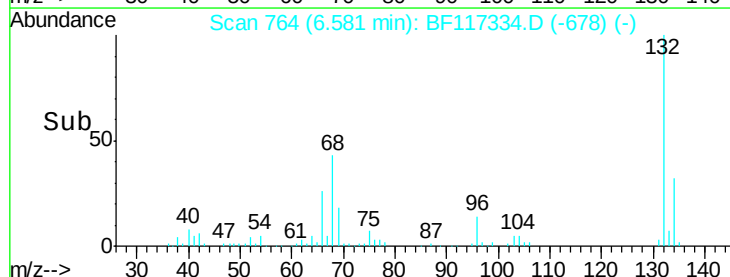
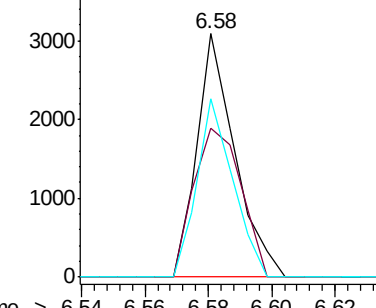
77 100

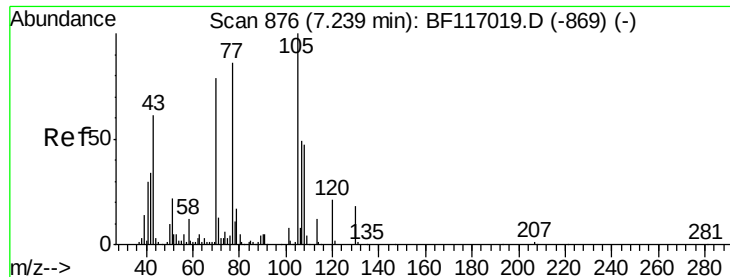
105 61.2 81.8 121.8#

106 73.1 77.3 117.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

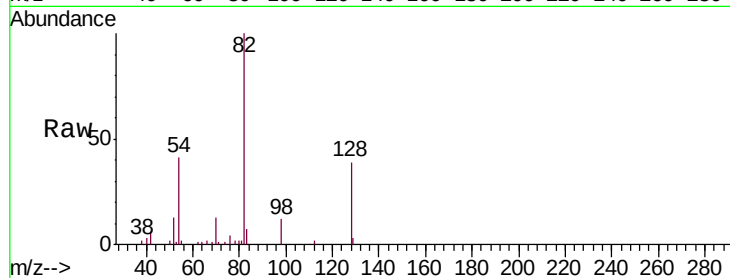




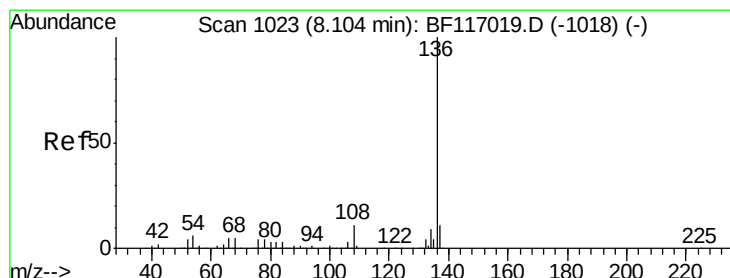
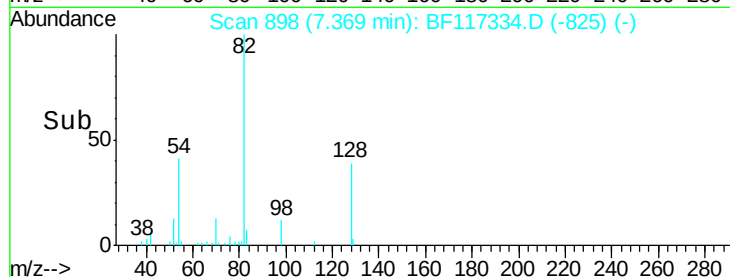
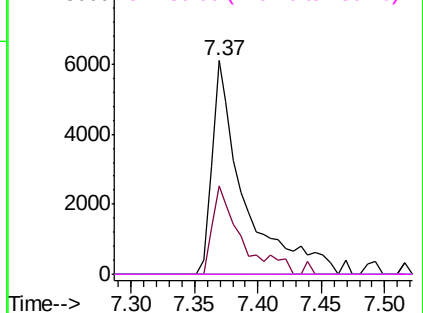
#19
n-Nitroso-di-n-propylamine
Concen: 4.424 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117334.D
Acq: 3 Oct 2019 23:18

Instrument :
BNA_F
ClientSampleId :
SB-2ARE

Tgt Ion: 70 Resp: 10764
Ion Ratio Lower Upper
70 100
42 41.5 34.0 51.0
101 0.0 7.8 11.6#
130 0.0 17.8 26.8#



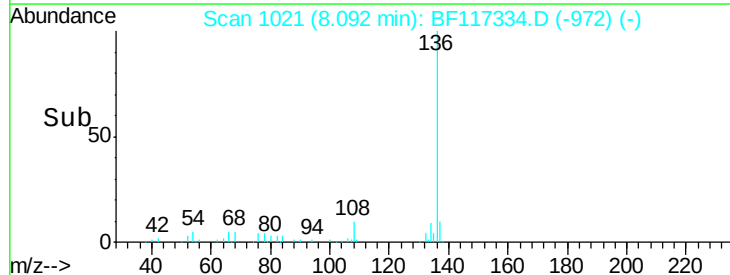
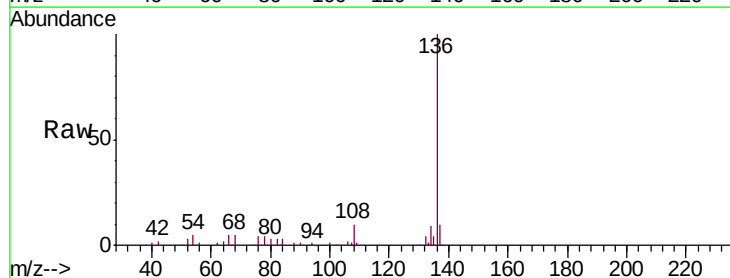
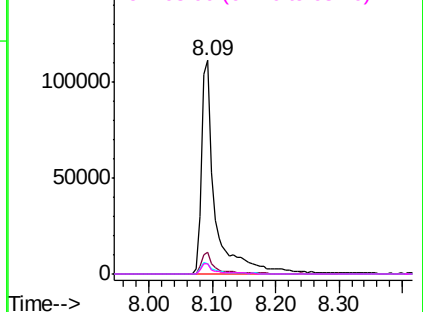
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

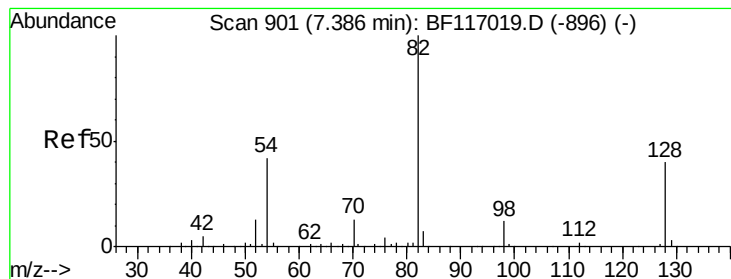


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117334.D
Acq: 3 Oct 2019 23:18

Tgt Ion: 136 Resp: 166856
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 4.7 4.5 6.7
68 4.6 4.0 6.0

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





#23

Nitrobenzene-d5

Concen: 28.214 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF117334.D

Acq: 3 Oct 2019 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2ARE

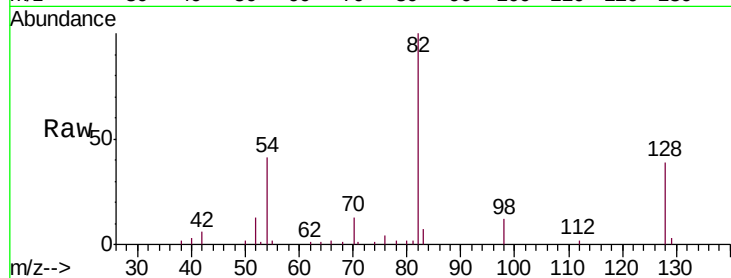
Tgt Ion: 82 Resp: 89597

Ion Ratio Lower Upper

82 100

128 39.2 32.3 48.5

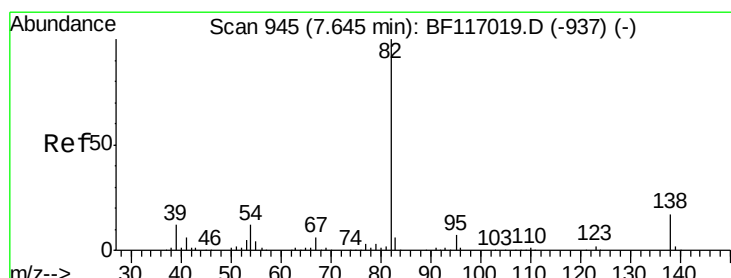
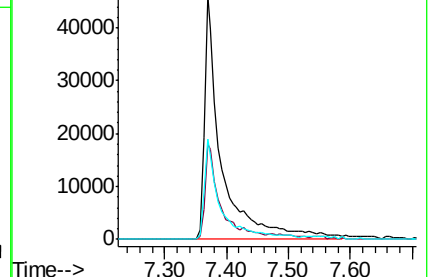
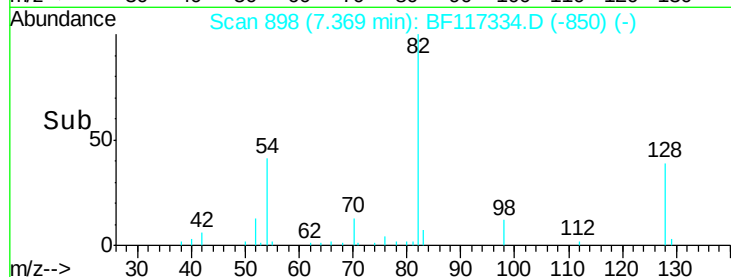
54 41.0 33.3 49.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 15.935 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.28 min

Lab File: BF117334.D

Acq: 3 Oct 2019 23:18

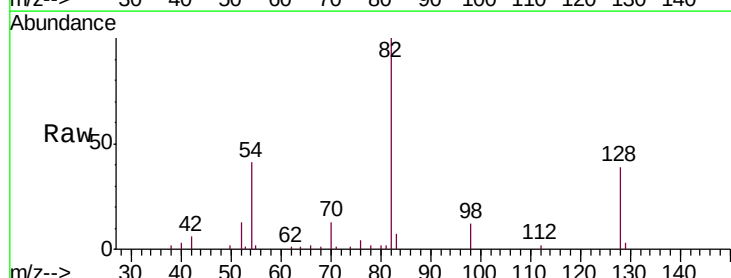
Tgt Ion: 82 Resp: 89597

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

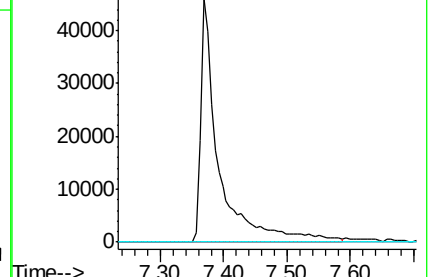
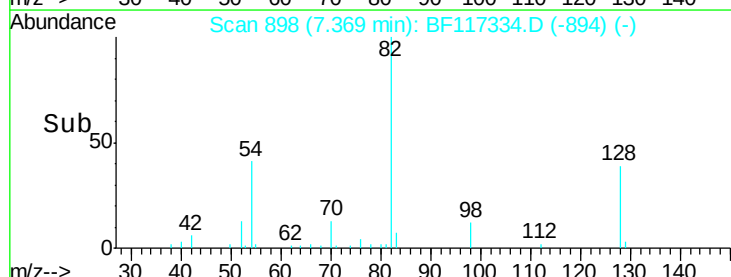
138 0.0 13.5 20.3#

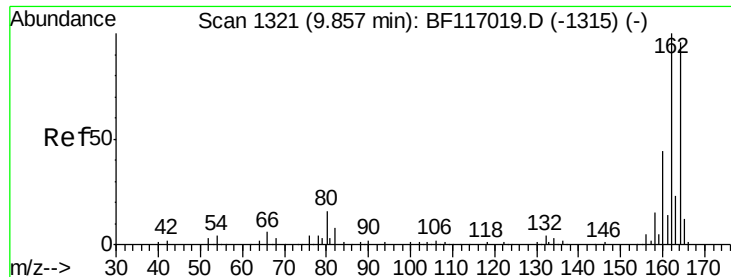


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF117334.D

Acq: 3 Oct 2019 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2ARE

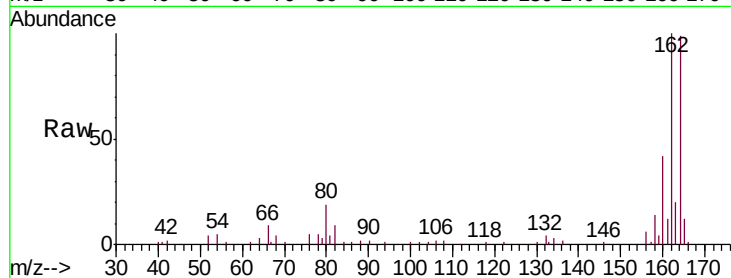
Tgt Ion:164 Resp: 64598

Ion Ratio Lower Upper

164 100

162 101.0 83.4 125.2

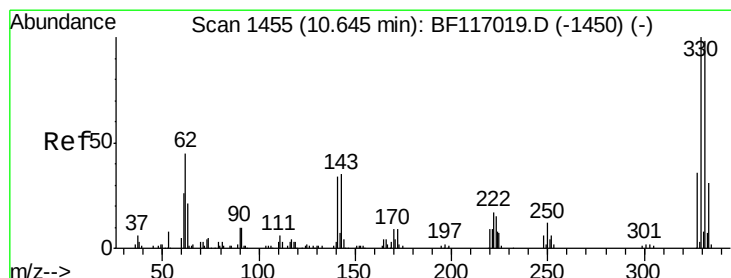
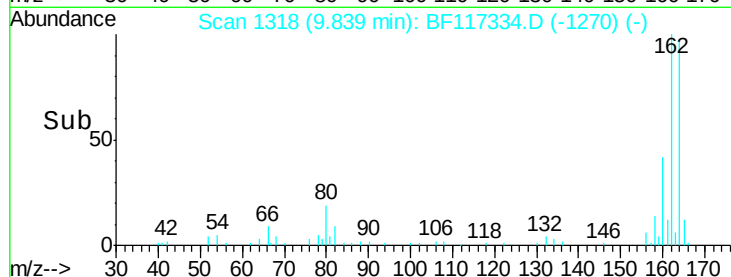
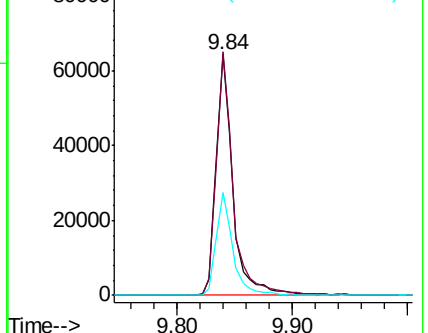
160 42.8 36.4 54.6



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: 35.050 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF117334.D

Acq: 3 Oct 2019 23:18

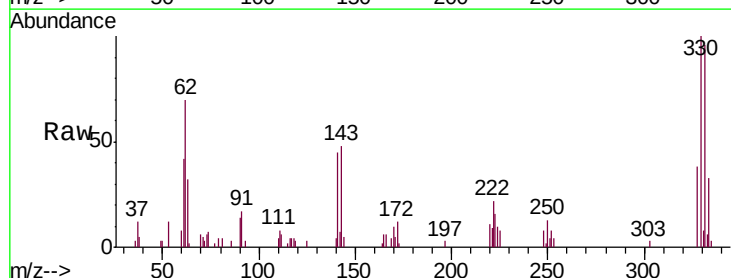
Tgt Ion:330 Resp: 18923

Ion Ratio Lower Upper

330 100

332 95.2 78.0 117.0

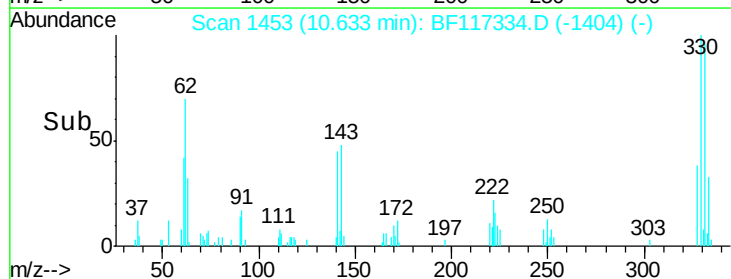
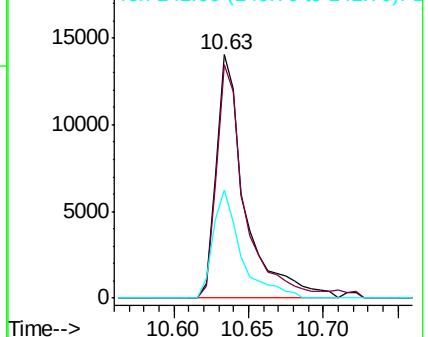
141 43.1 35.8 53.6

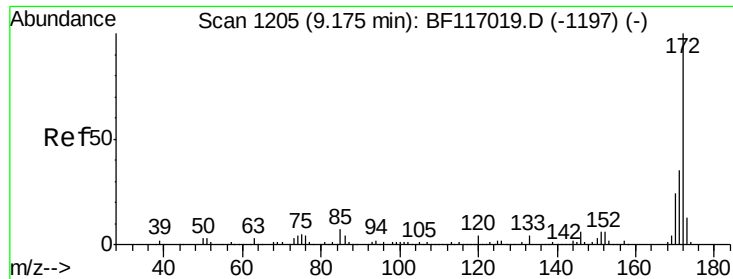


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

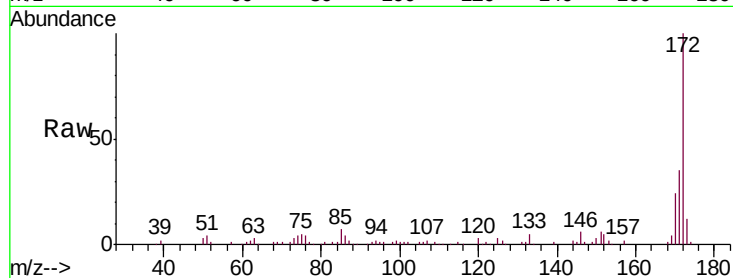




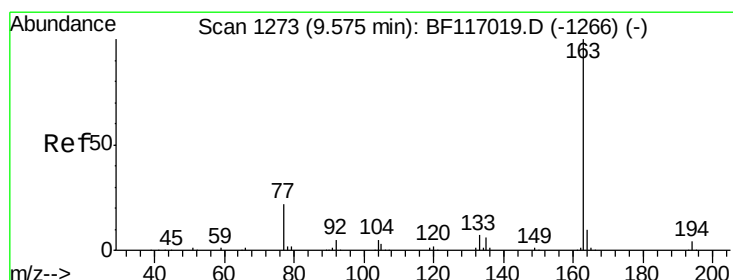
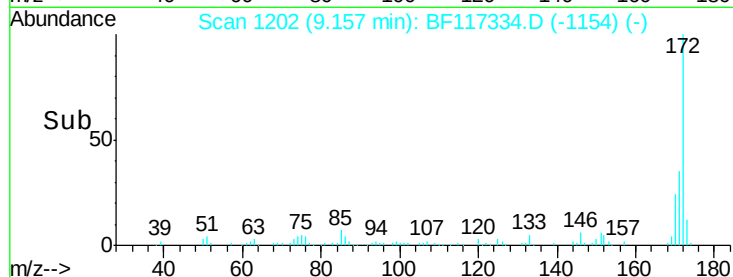
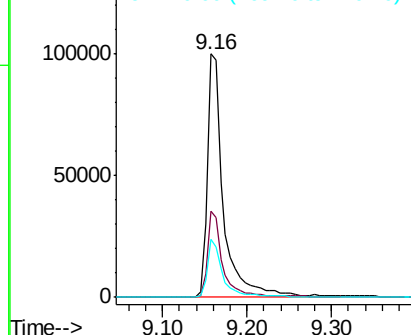
#45
2-Fluorobiphenyl
Concen: 32.402 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF117334.D
Acq: 3 Oct 2019 23:18

Instrument :
BNA_F
ClientSampleId :
SB-2ARE

Tgt Ion:172 Resp: 133865
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.0 18.9 28.3

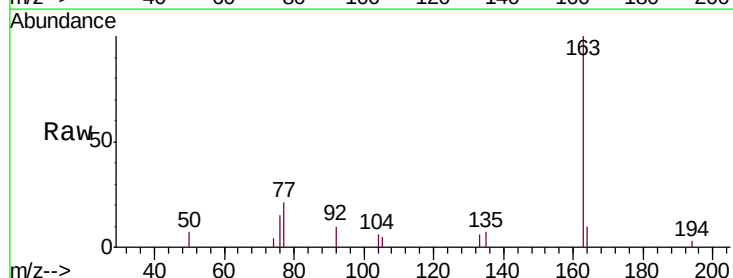


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

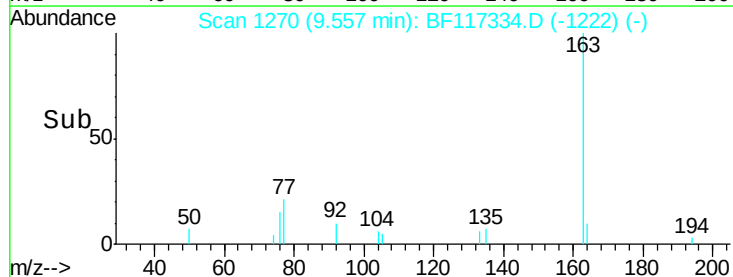
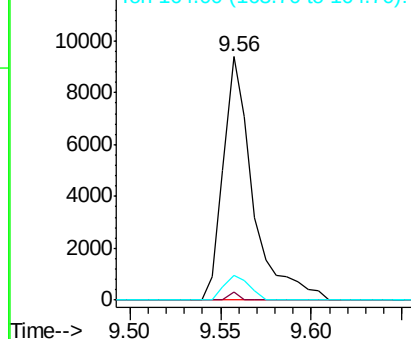


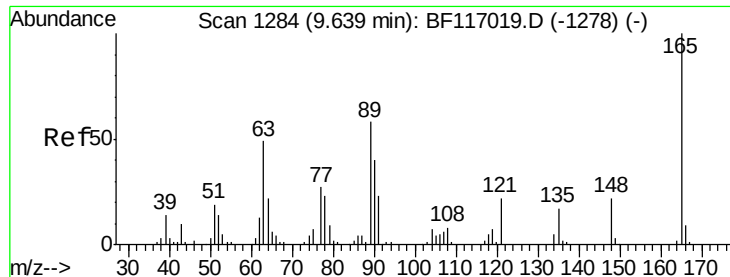
#50
Dimethylphthalate
Concen: 2.344 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117334.D
Acq: 3 Oct 2019 23:18

Tgt Ion:163 Resp: 10723
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.4 8.2 12.4



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

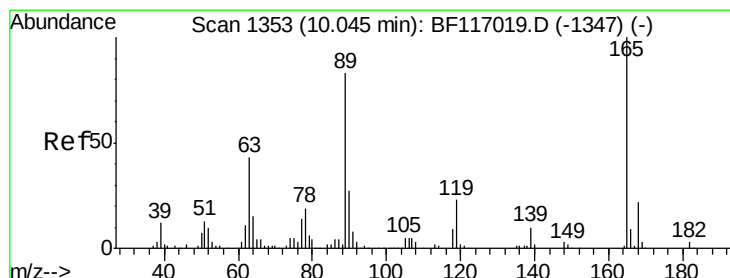
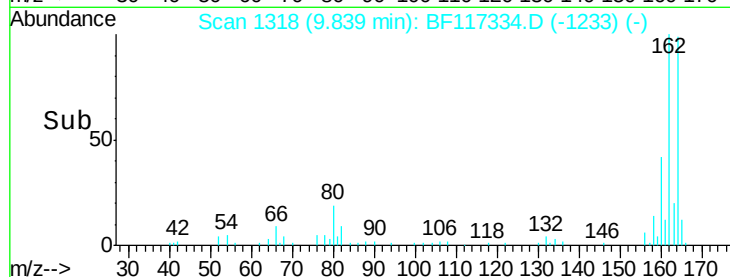
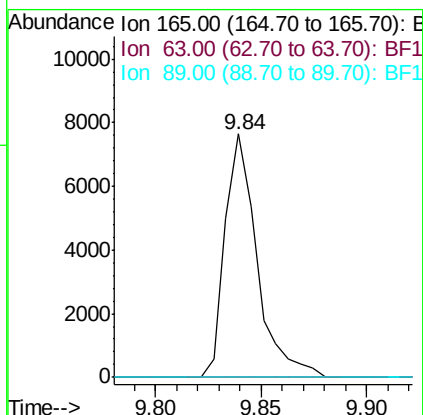
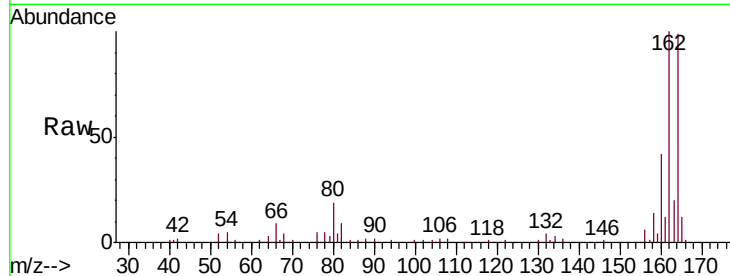




#51
 2,6-Dinitrotoluene
 Concen: 8.602 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.20 min
 Lab File: BF117334.D
 Acq: 3 Oct 2019 23:18

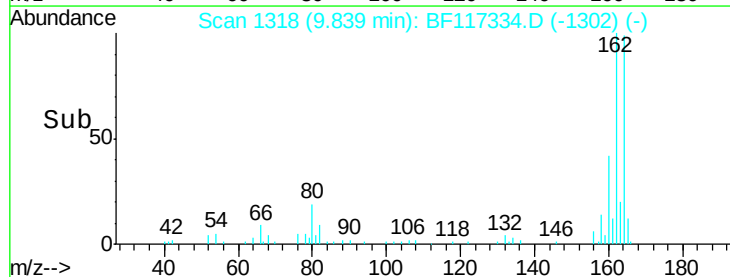
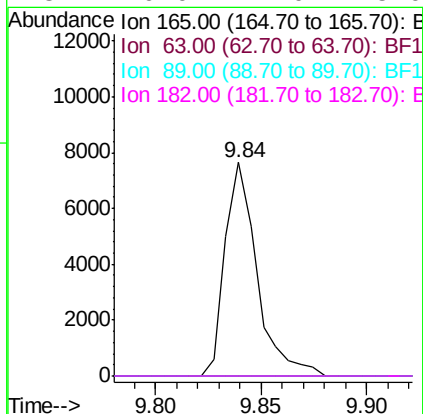
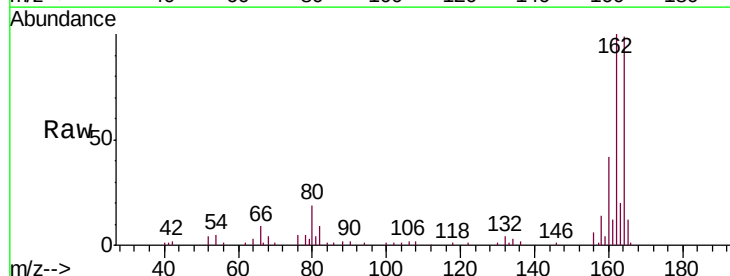
Instrument :
 BNA_F
 ClientSampleId :
 SB-2ARE

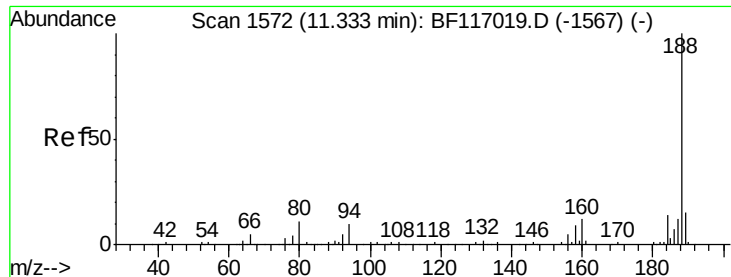
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



#57
 2,4-Dinitrotoluene
 Concen: 6.627 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF117334.D
 Acq: 3 Oct 2019 23:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF117334.D

Acq: 3 Oct 2019 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2ARE

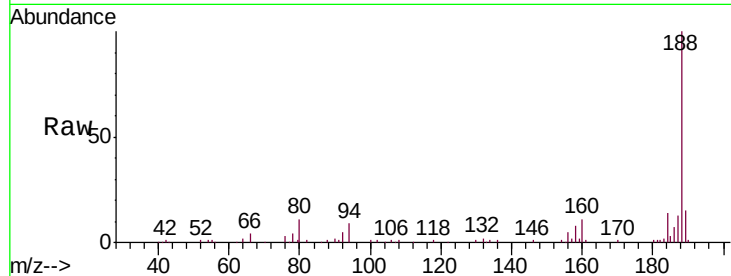
Tgt Ion:188 Resp: 102175

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

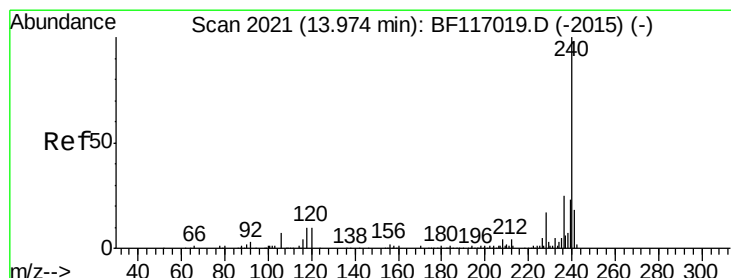
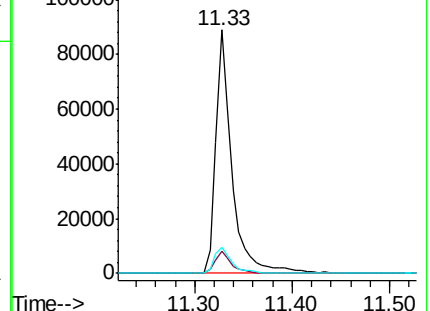
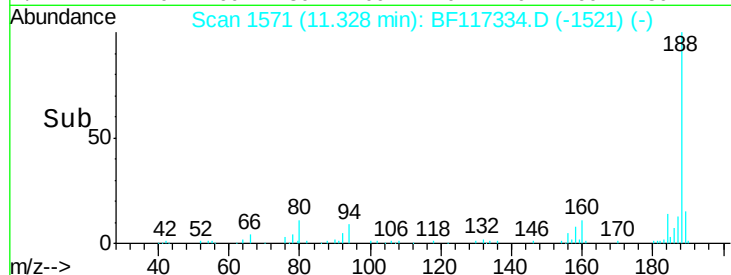
80 10.7 9.0 13.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117334.D

Acq: 3 Oct 2019 23:18

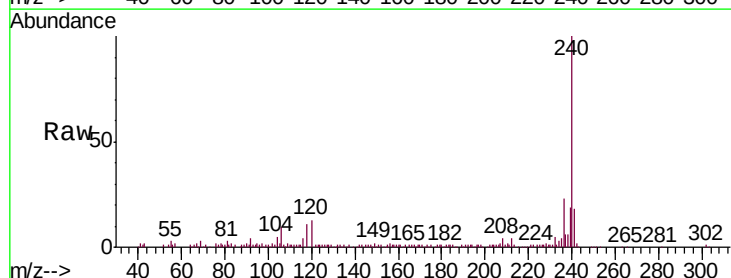
Tgt Ion:240 Resp: 99575

Ion Ratio Lower Upper

240 100

120 12.9 8.3 12.5#

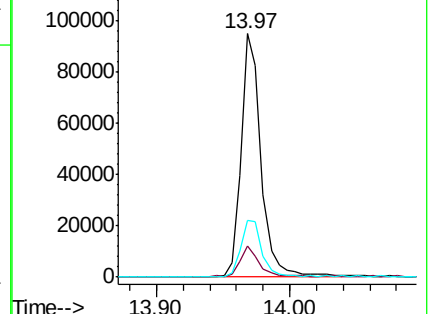
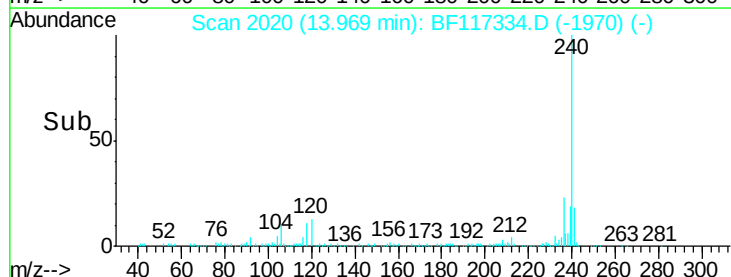
236 23.1 20.3 30.5

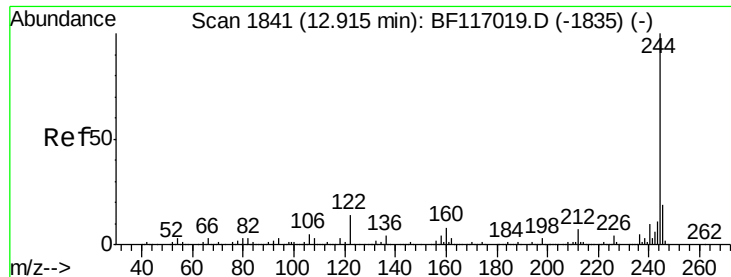


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 24.323 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF117334.D

Acq: 3 Oct 2019 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2ARE

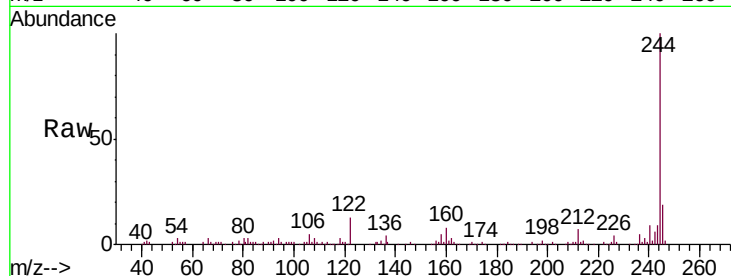
Tgt Ion:244 Resp: 129570

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

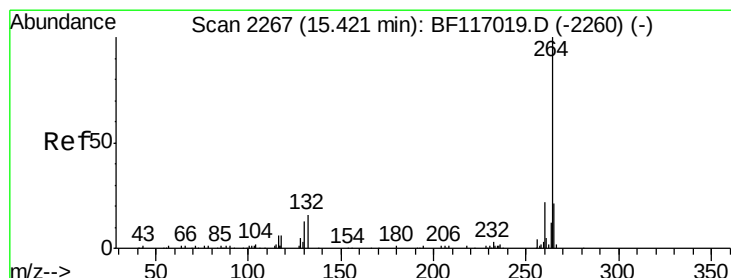
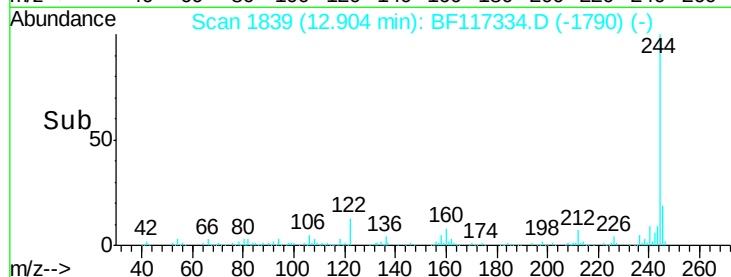
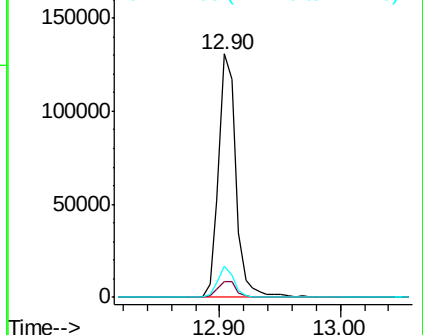
122 12.7 11.3 16.9



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: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF117334.D

Acq: 3 Oct 2019 23:18

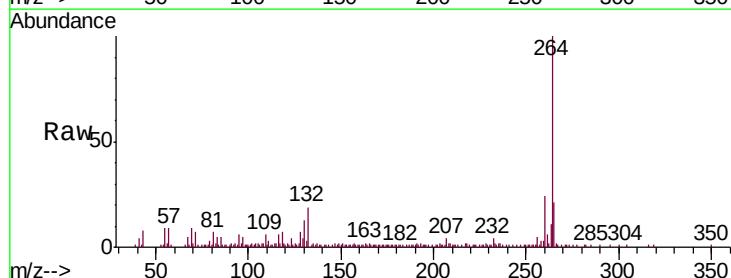
Tgt Ion:264 Resp: 77692

Ion Ratio Lower Upper

264 100

260 23.9 17.6 26.4

265 21.3 16.6 24.8



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

