

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117867.D
 Acq On : 19 Nov 2019 18:47
 Operator : JU
 Sample : K5865-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 00:31:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	201290	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	796965	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	418332	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	738024	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	462100	20.00	ng	-0.01
87) Perylene-d12	15.61	264	477080	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	880331	77.41	ng	0.00
7) Phenol-d6	6.53	99	1239608	90.38	ng	-0.01
23) Nitrobenzene-d5	7.47	82	746748	55.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	295127	66.64	ng	-0.02
45) 2-Fluorobiphenyl	9.28	172	1445717	62.00	ng	-0.01
79) Terphenyl-d14	13.05	244	1422501	56.26	ng	-0.01

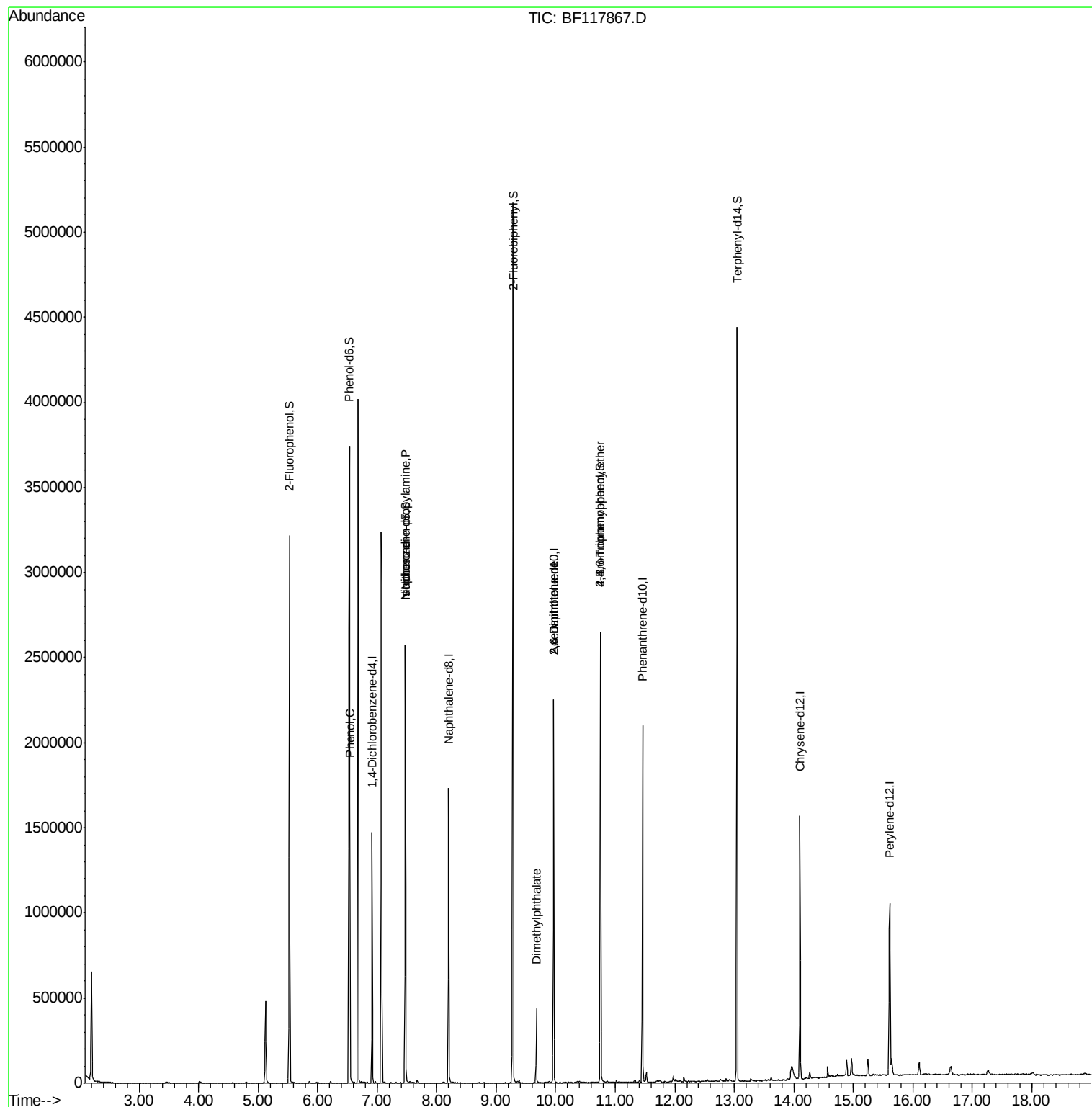
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.53	77	2328	Below Cal		# 1
10) Phenol	6.55	94	57368	4.025	ng	95
19) n-Nitroso-di-n-propylamine	7.47	70	100393	11.864	ng	# 77
25) Isophorone	7.47	82	746732	30.389	ng	# 62
50) Dimethylphthalate	9.67	163	184506	6.290	ng	96
51) 2,6-Dinitrotoluene	9.96	165	53788	8.390	ng	# 24
57) 2,4-Dinitrotoluene	9.96	165	53788	6.595	ng	# 25
67) 4-Bromophenyl-phenylether	10.75	248	19151	2.405	ng	# 1
75) Fluoranthene	12.67	202	1354	Below Cal		63

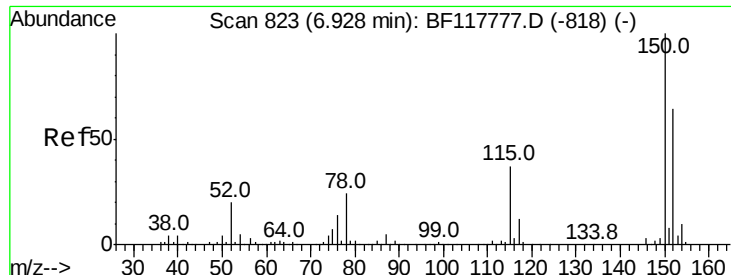
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117867.D
Acq On : 19 Nov 2019 18:47
Operator : JU
Sample : K5865-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 20 00:31:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration



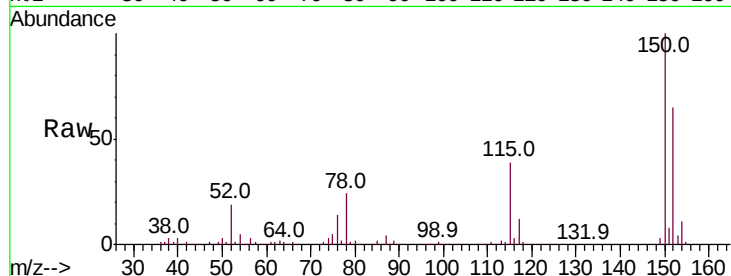


#1

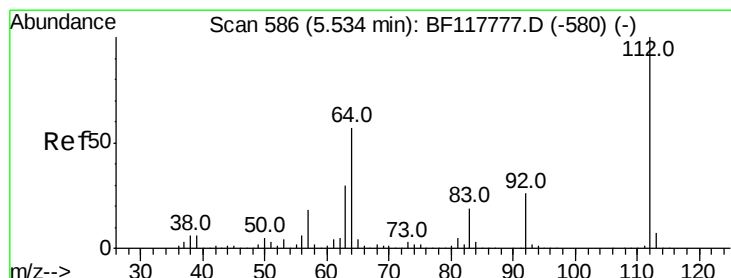
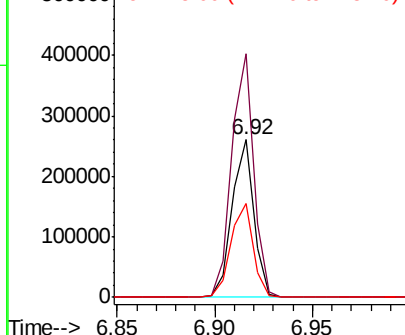
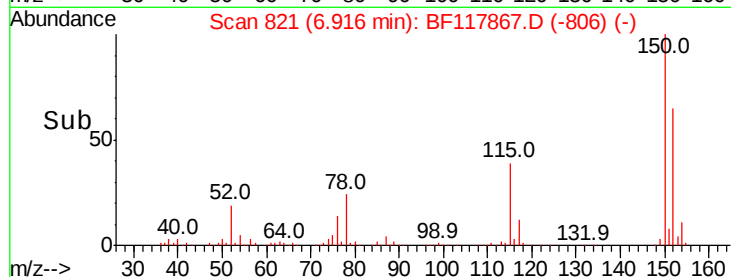
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 201290
Ion Ratio Lower Upper
152 100
150 154.4 125.3 187.9
115 59.5 47.0 70.4



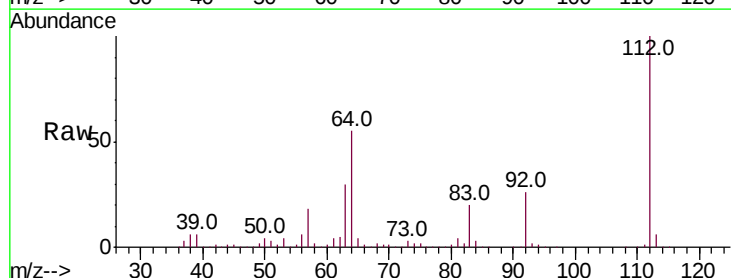
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



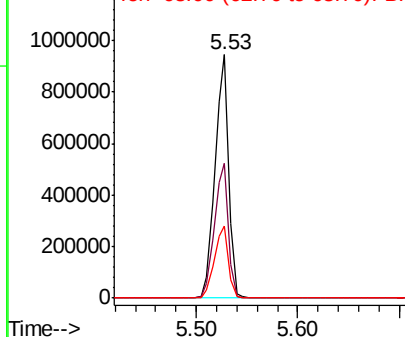
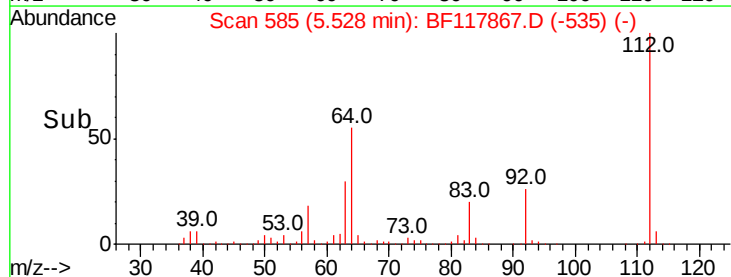
#5

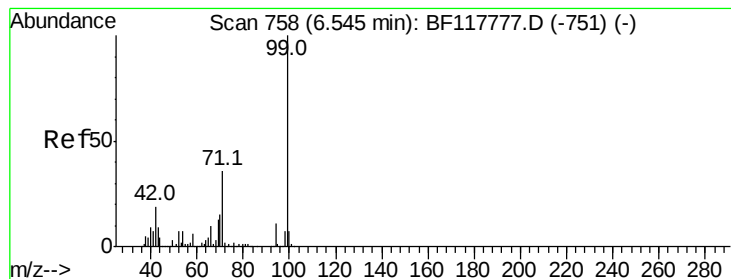
2-Fluorophenol
Concen: 77.415 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion:112 Resp: 880331
Ion Ratio Lower Upper
112 100
64 55.4 45.6 68.4
63 29.6 24.1 36.1



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: 90.377 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

Instrument :

BNA_F

ClientSampleId :

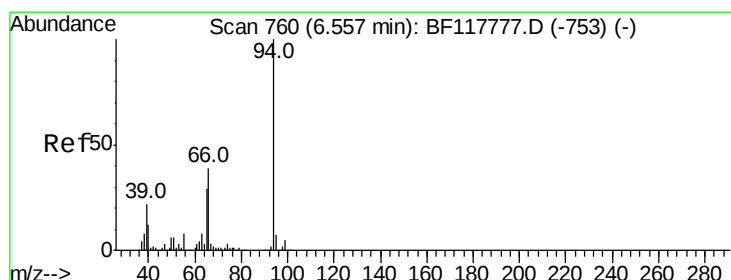
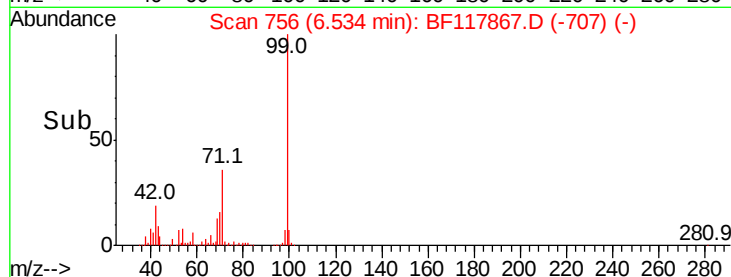
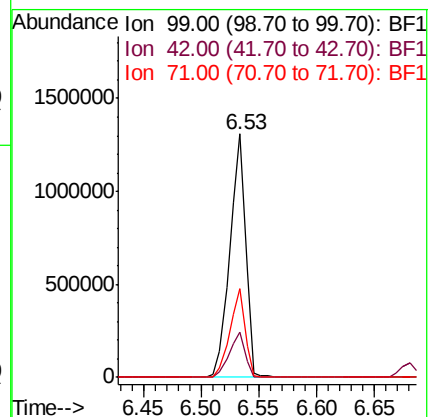
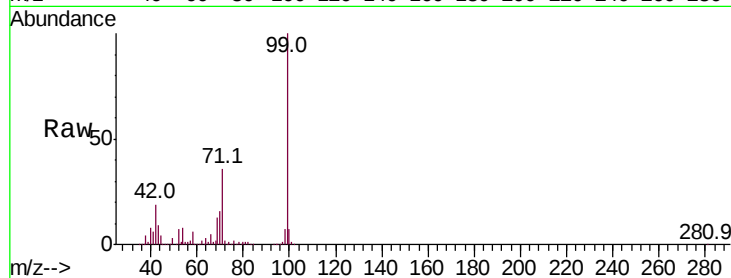
Tot Ion: 99 Resp: 1239608

Ion Ratio Lower Upper

99 100

42 18.8 14.9 22.3

71 36.4 28.6 43.0



#10

Phenol

Concen: 4.025 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

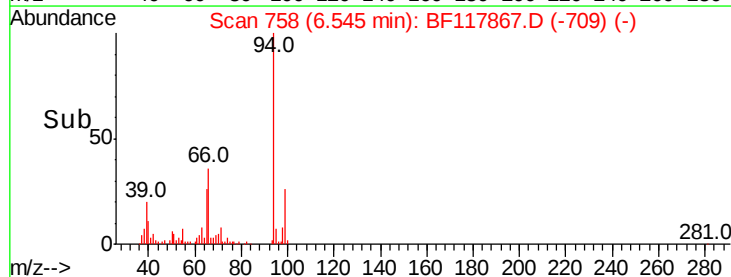
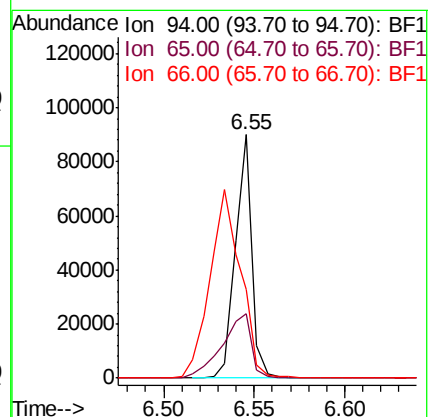
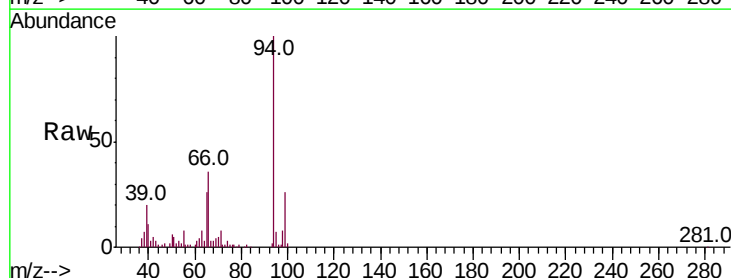
Tgt Ion: 94 Resp: 57368

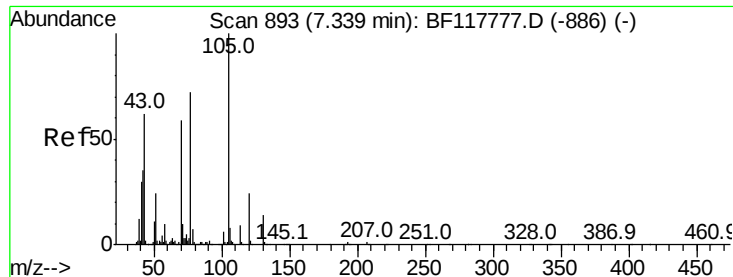
Ion Ratio Lower Upper

94 100

65 26.2 8.9 48.9

66 36.2 18.7 58.7

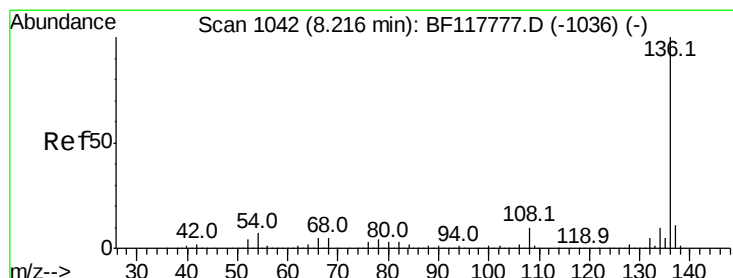
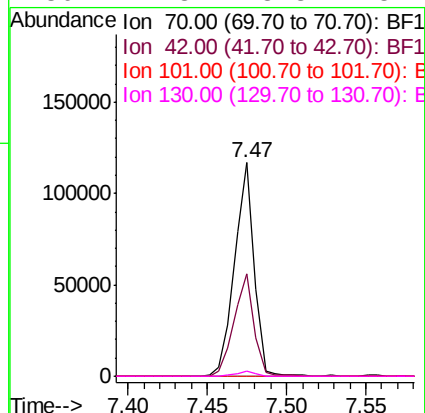
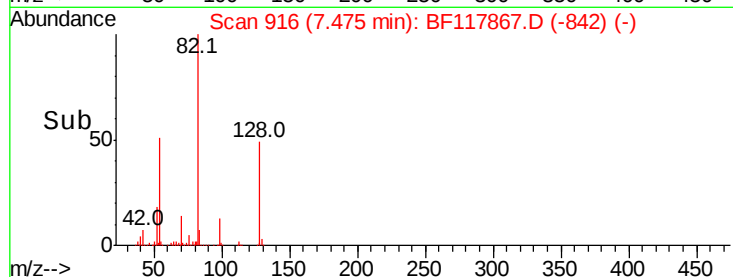
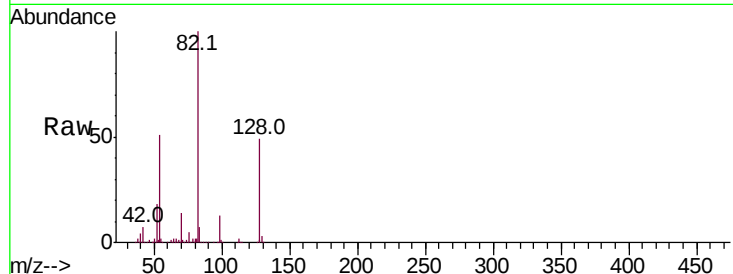




#19
n-Nitroso-di-n-propylamine
Concen: 11.864 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

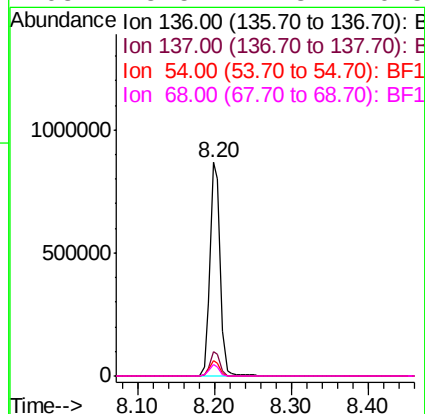
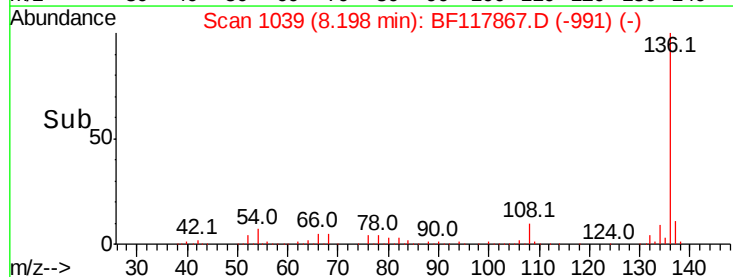
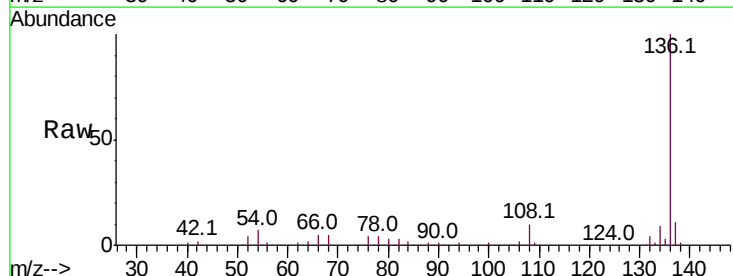
Instrument :
BNA_F
ClientSampleId :

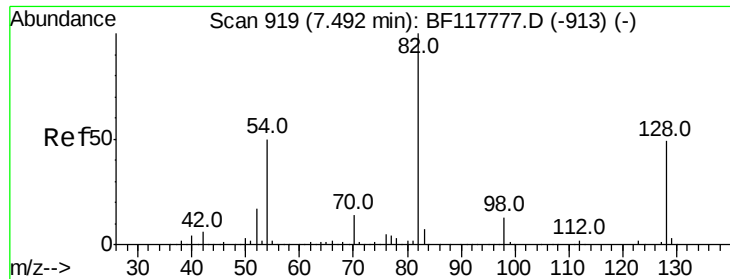
Tot Ion: 70 Resp: 100393
Ion Ratio Lower Upper
70 100
42 48.2 47.4 71.2
101 0.0 8.4 12.6#
130 2.3 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion: 136 Resp: 796965
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 7.3 5.4 8.2
68 5.5 4.3 6.5

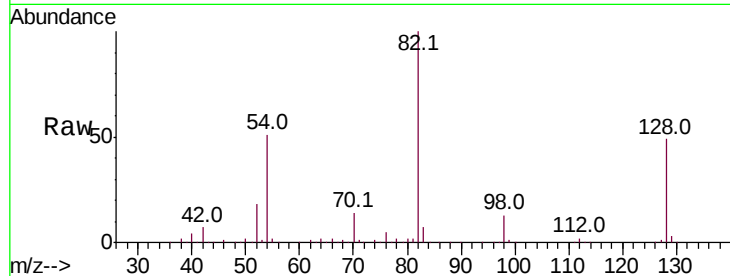




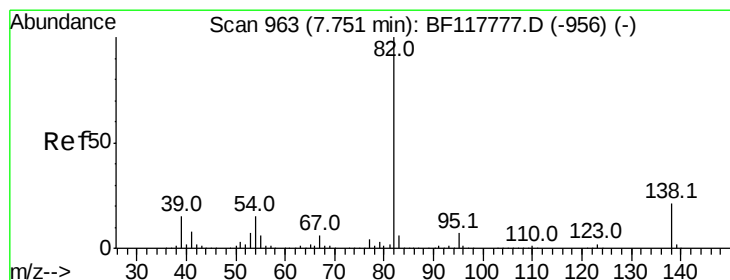
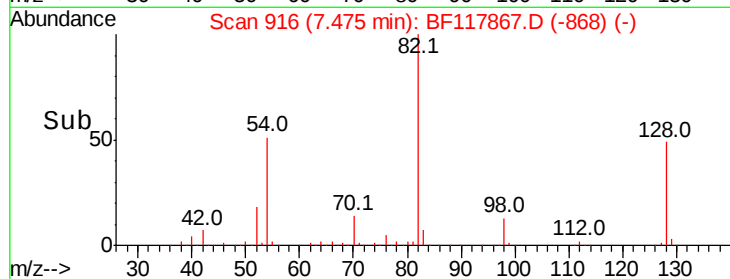
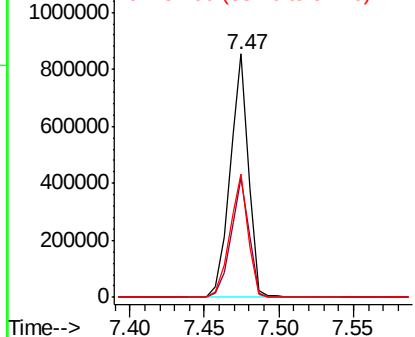
#23
Nitrobenzene-d5
Concen: 55.700 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.9	58.3
54	50.8	39.8	59.6

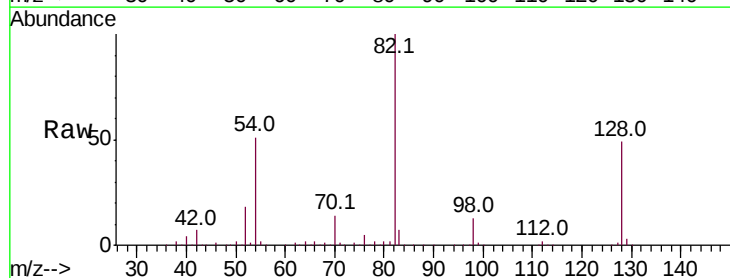


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

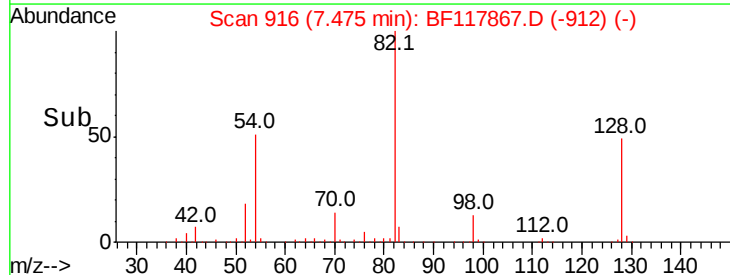
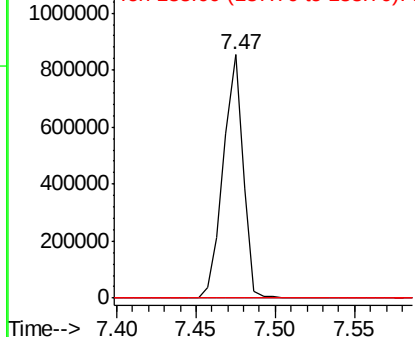


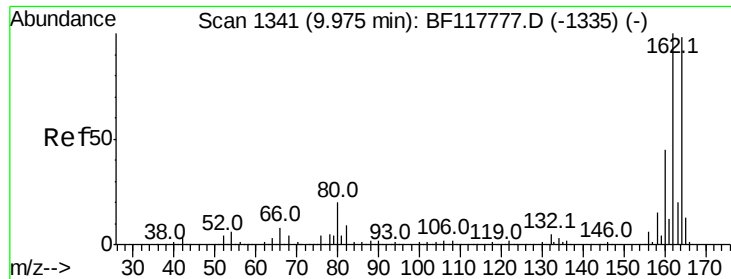
#25
Isophorone
Concen: 30.389 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.28 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.5	24.7#



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: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

Instrument :

BNA_F

ClientSampleId :

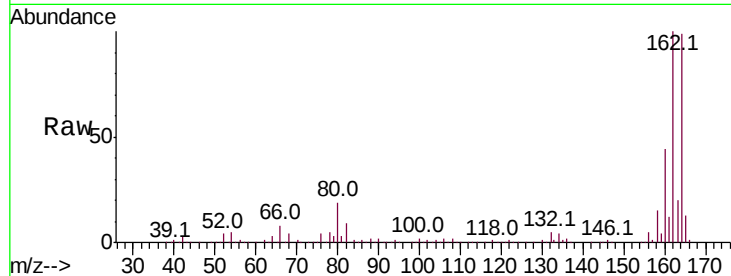
Tot Ion:164 Resp: 418332

Ion Ratio Lower Upper

164 100

162 100.8 81.3 121.9

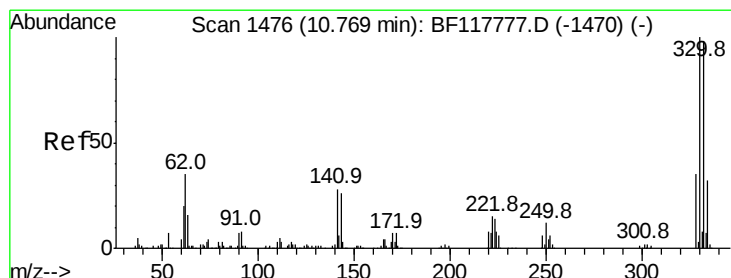
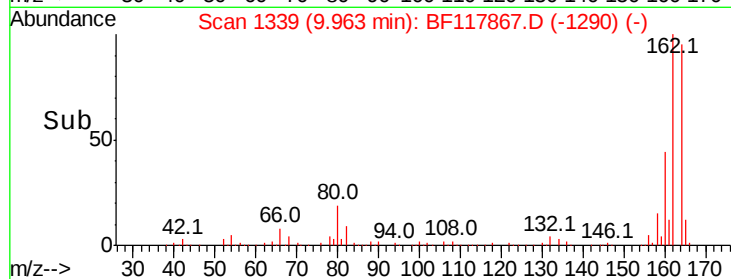
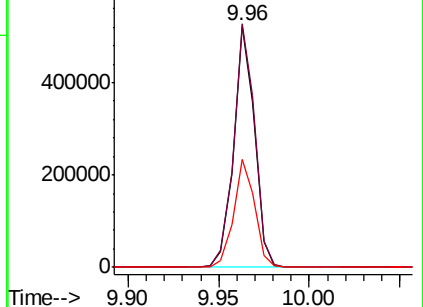
160 44.6 36.6 55.0



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: 66.638 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

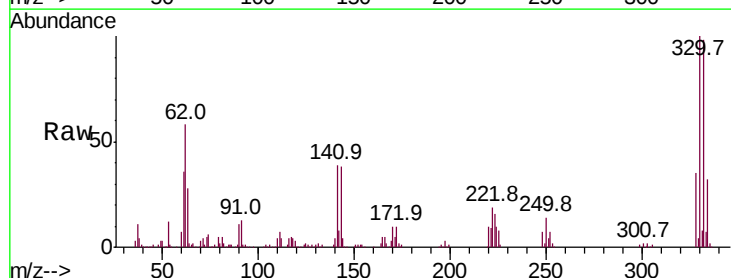
Tgt Ion:330 Resp: 295127

Ion Ratio Lower Upper

330 100

332 97.8 76.7 115.1

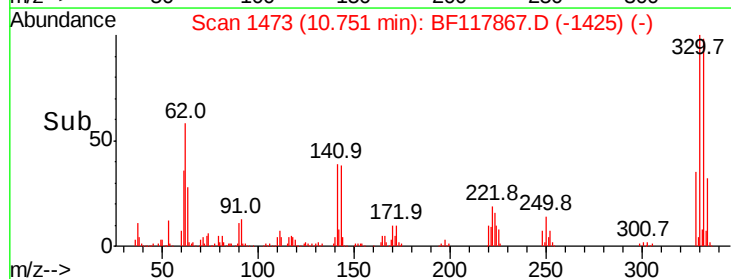
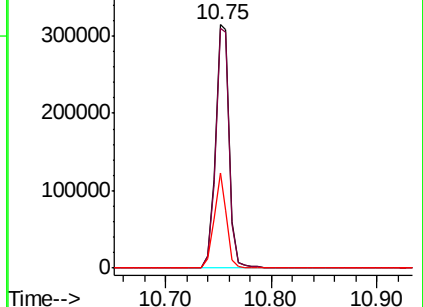
141 34.8 27.7 41.5

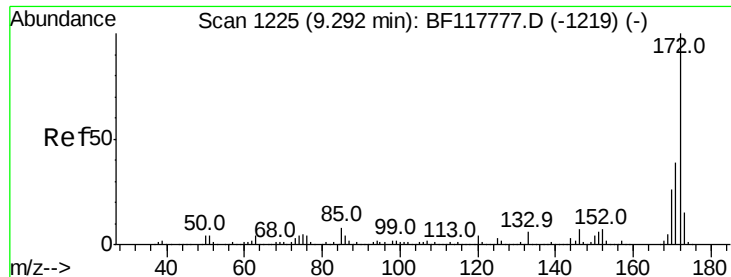


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



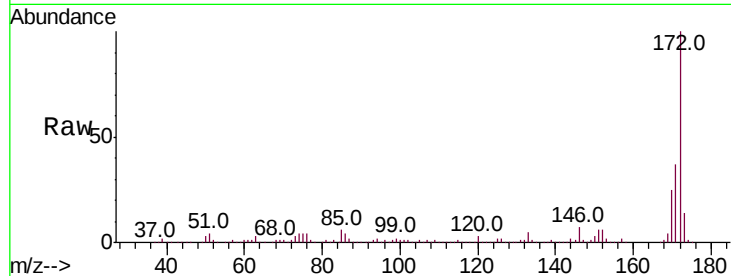


#45
 2-Fluorobiphenyl
 Concen: 62.000 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF117867.D
 Acq: 19 Nov 2019 18:47

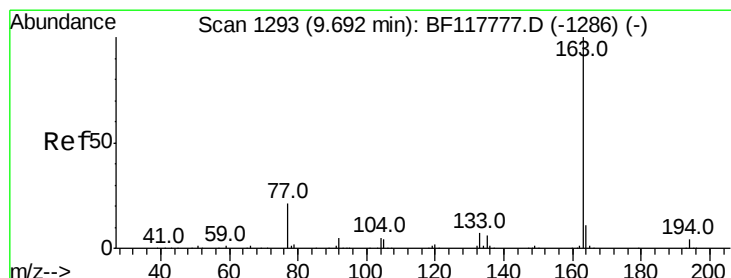
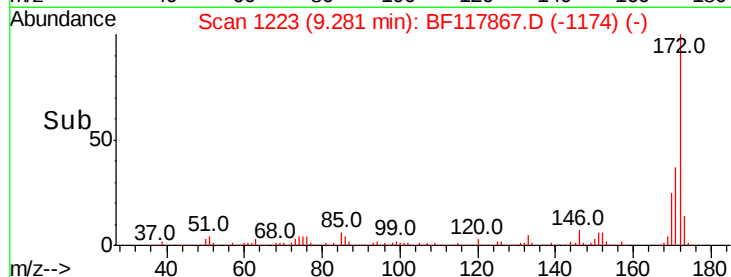
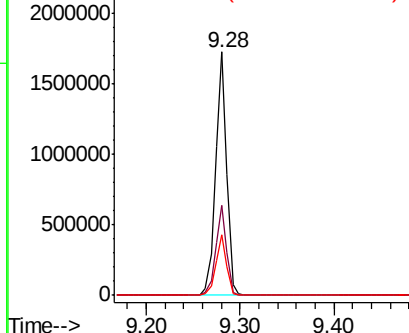
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1445717

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.9	46.3
170	24.9	21.0	31.4



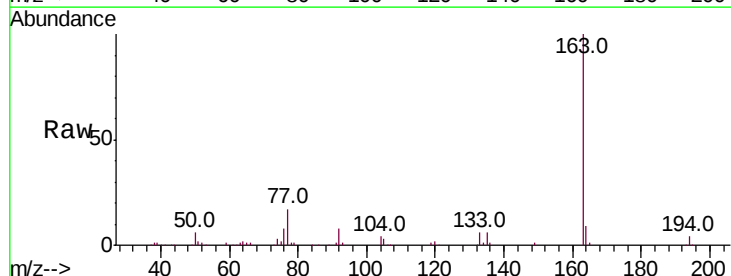
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



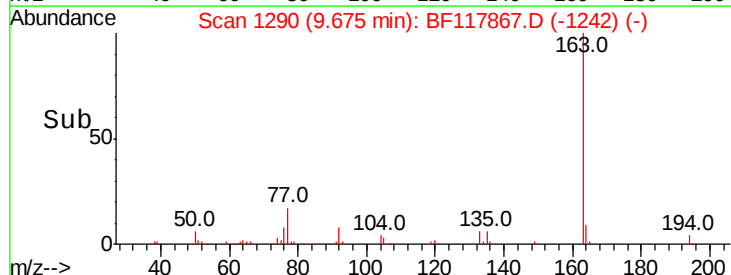
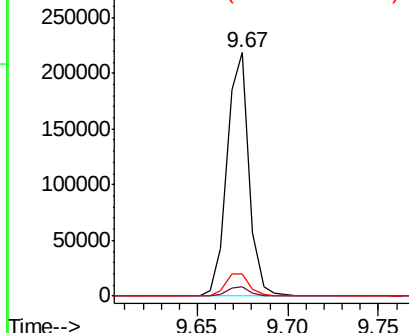
#50
 Dimethylphthalate
 Concen: 6.290 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF117867.D
 Acq: 19 Nov 2019 18:47

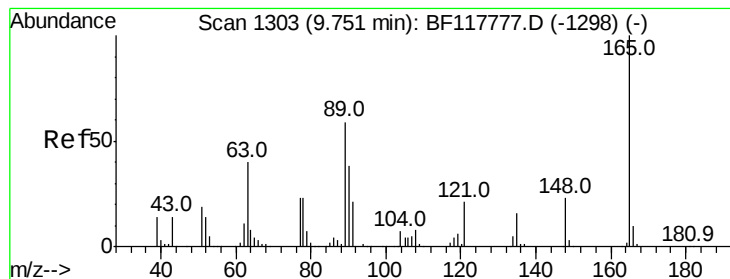
Tgt Ion:163 Resp: 184506

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	8.9	8.7	13.1



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: 8.390 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.21 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

Instrument :

BNA_F

ClientSampleId :

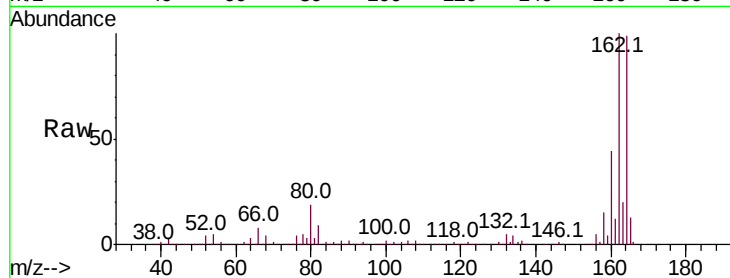
Tot Ion:165 Resp: 53788

Ion Ratio Lower Upper

165 100

63 1.4 46.0 69.0#

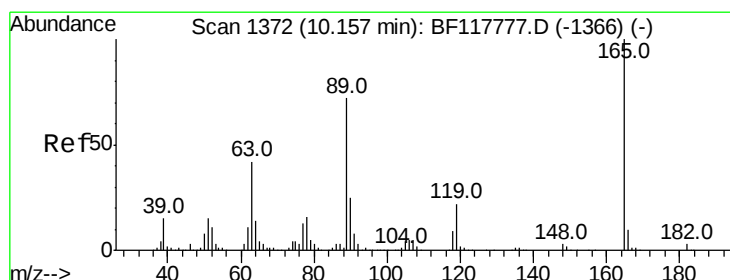
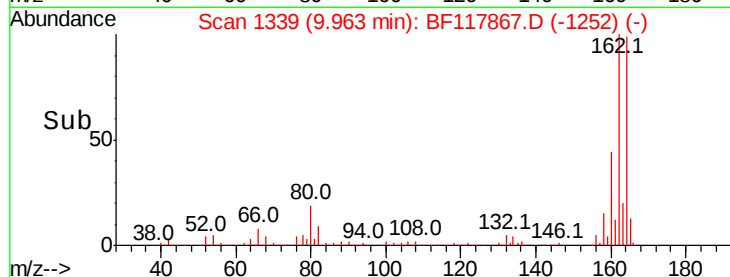
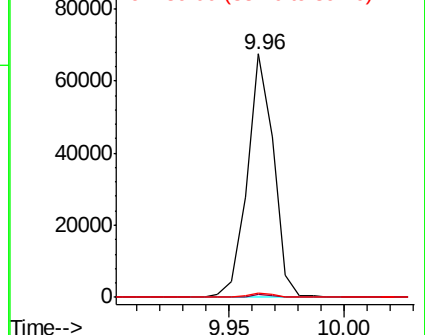
89 1.9 47.7 71.5#



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: 6.595 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.19 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

Tgt Ion:165 Resp: 53788

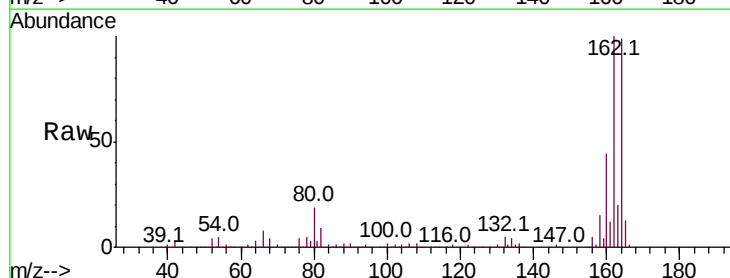
Ion Ratio Lower Upper

165 100

63 1.4 33.7 50.5#

89 1.9 57.3 85.9#

182 0.0 2.3 3.5#

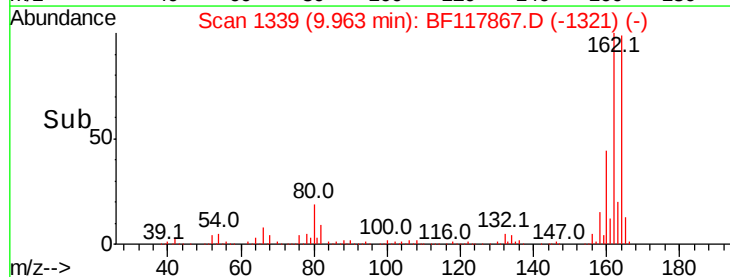
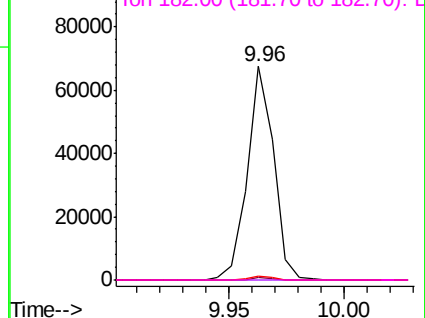


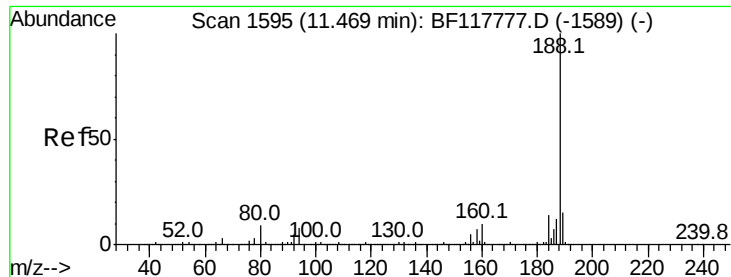
Abundance Ion 165.00 (164.70 to 165.70): E

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

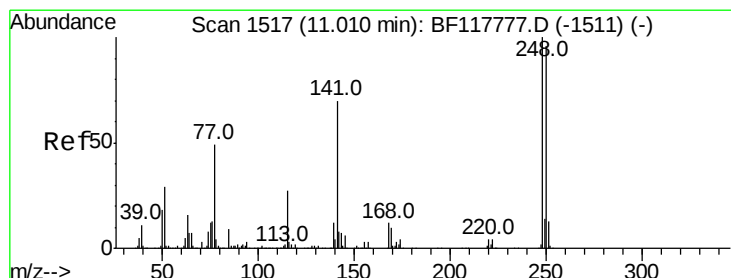
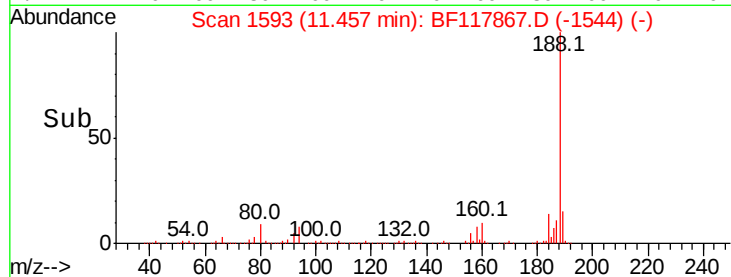
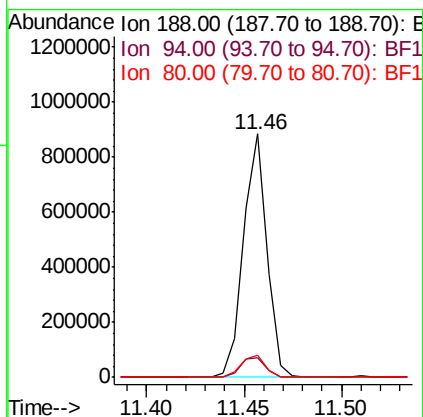
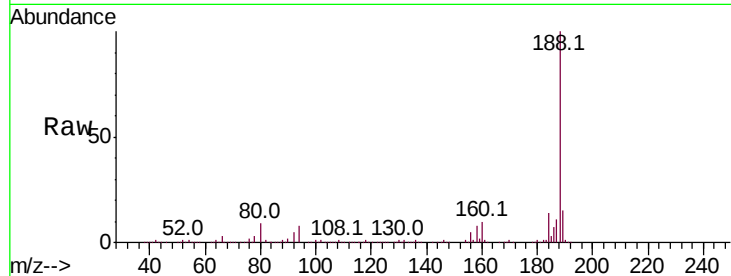




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF117867.D
 Acq: 19 Nov 2019 18:47

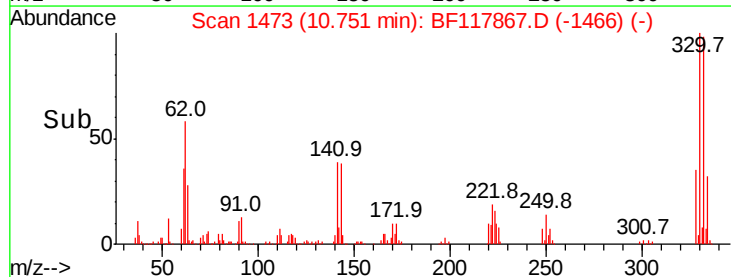
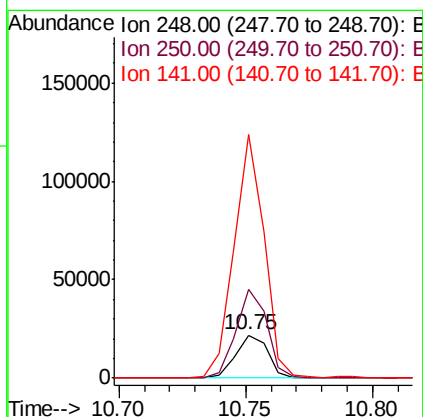
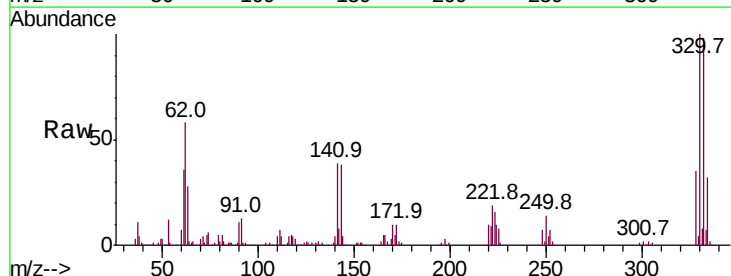
Instrument :
 BNA_F
 ClientSampleId :

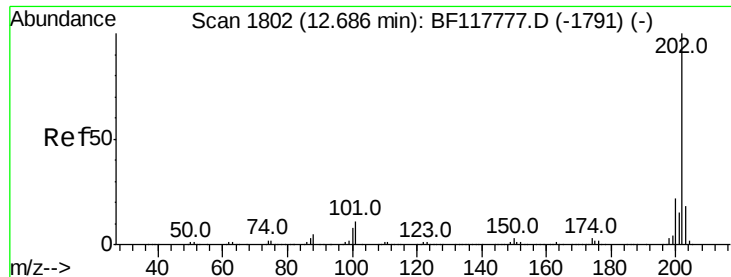
Tot Ion:188 Resp: 738024
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.6 10.0
 80 8.9 7.2 10.8



#67
 4-Bromophenyl-phenylether
 Concen: 2.405 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.26 min
 Lab File: BF117867.D
 Acq: 19 Nov 2019 18:47

Tgt Ion:248 Resp: 19151
 Ion Ratio Lower Upper
 248 100
 250 203.9 76.6 115.0#
 141 562.5 55.9 83.9#





#75

Fluoranthene

Concen: Below Cal

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

Instrument :

BNA_F

ClientSampled :

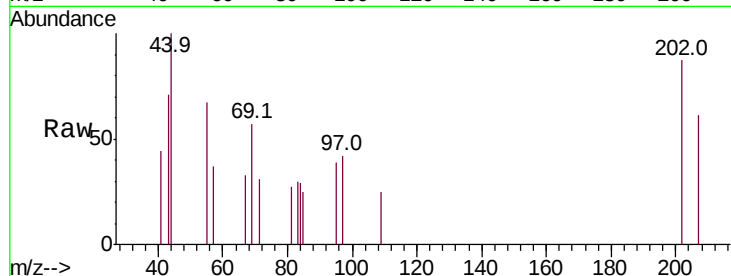
Tot Ion:202 Resp: 1354

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.1

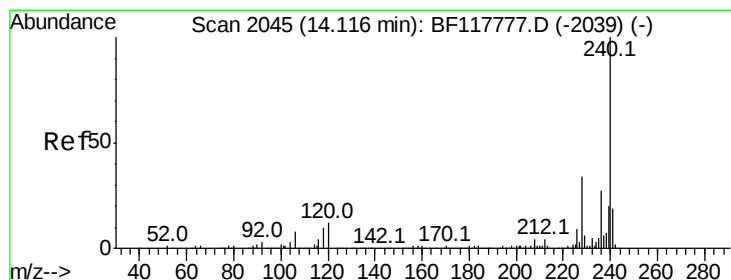
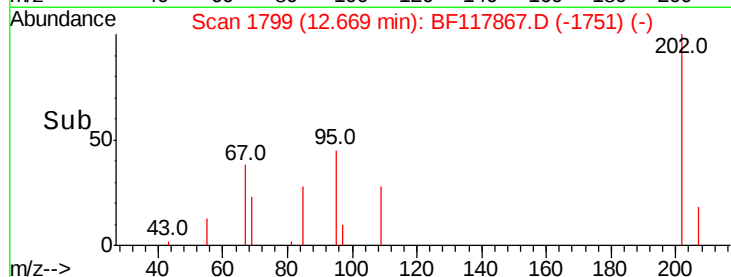
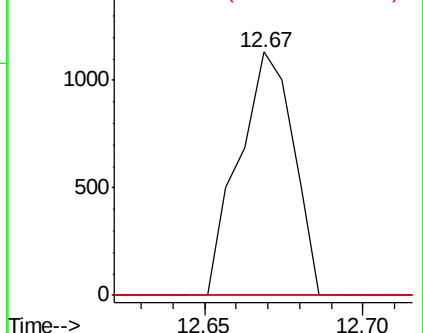
203 0.0 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

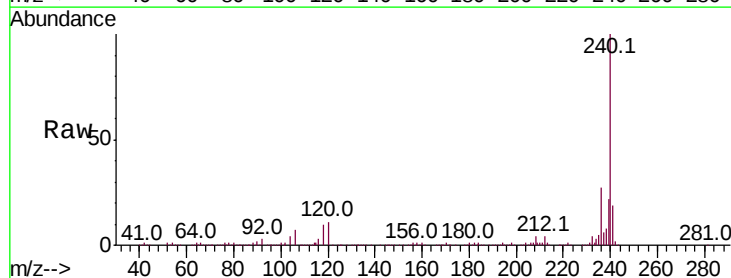
Tgt Ion:240 Resp: 462100

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

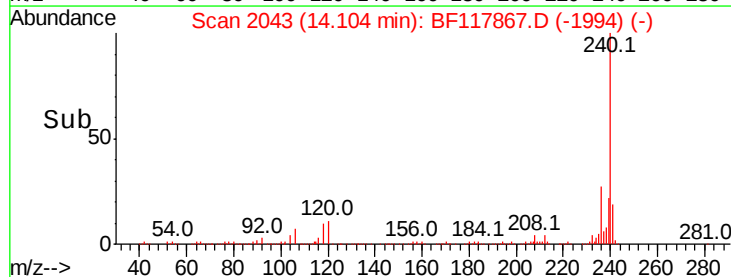
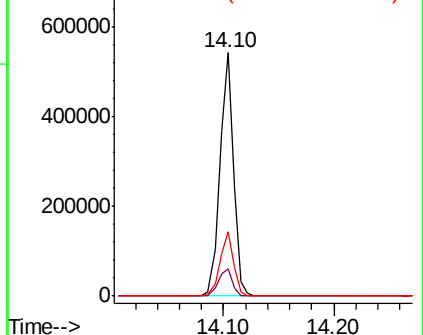
236 26.7 21.3 31.9

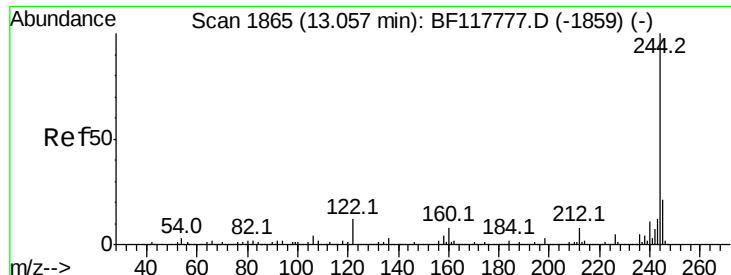


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 56.260 ng

RT: 13.05 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

Instrument :

BNA_F

ClientSampleId :

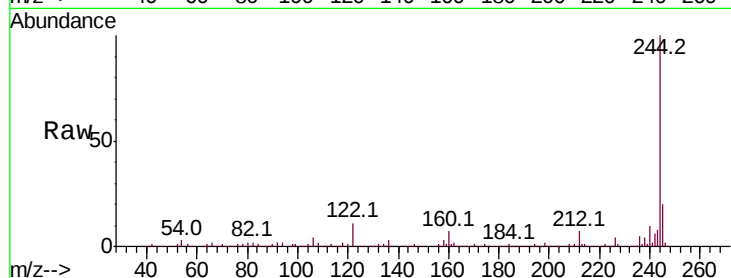
Tot Ion:244 Resp: 1422501

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

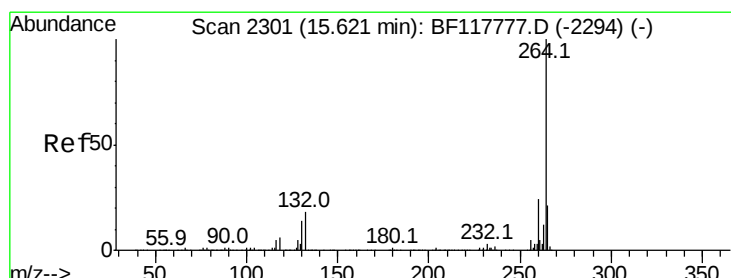
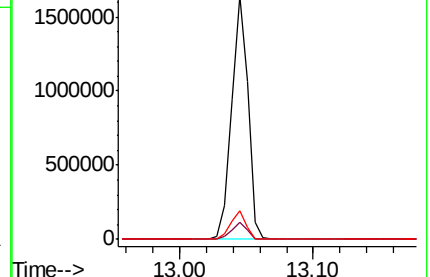
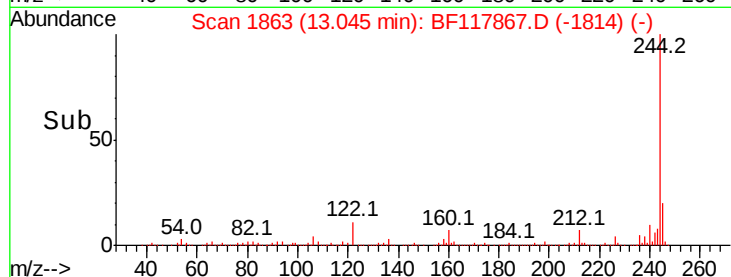
122 11.5 9.4 14.2



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: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

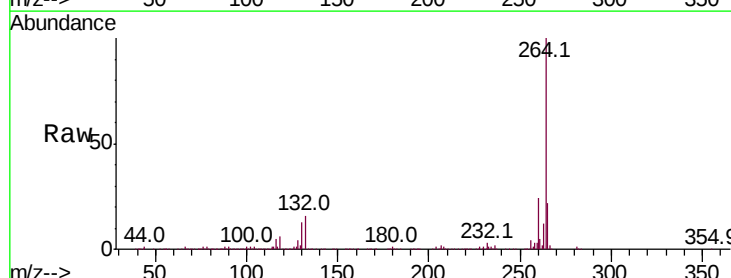
Tgt Ion:264 Resp: 477080

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 21.7 17.1 25.7



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

