

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115577.D
 Acq On : 16 Jul 2019 00:33
 Operator : HP/JU
 Sample : K3620-09 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:47:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

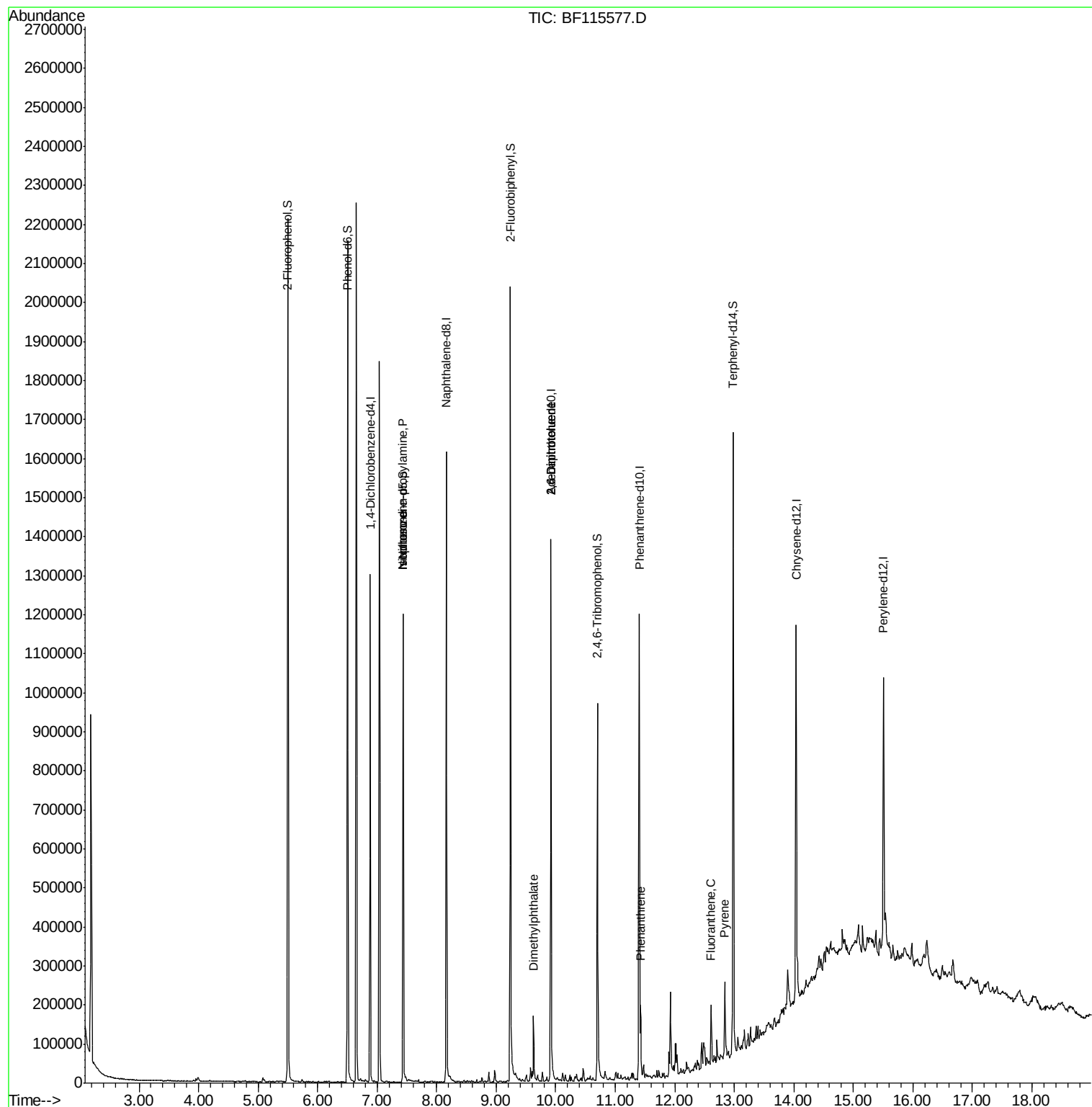
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	186666	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	665050	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	293994	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	486831	20.00	ng	0.00
76) Chrysene-d12	14.04	240	351217	20.00	ng	-0.01
87) Perylene-d12	15.51	264	378895	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	649444	56.91	ng	0.00
7) Phenol-d6	6.50	99	745719	51.50	ng	-0.01
23) Nitrobenzene-d5	7.43	82	419694	36.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	149609	43.60	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	711562	42.36	ng	-0.01
79) Terphenyl-d14	12.98	244	546018	28.69	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	55494	5.876	ng	# 77
25) Isophorone	7.43	82	410796	17.949	ng	# 64
50) Dimethylphthalate	9.63	163	75381	3.408	ng	98
51) 2,6-Dinitrotoluene	9.92	165	37940	7.548	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	38568	5.922	ng	# 24
71) Phenanthrene	11.42	178	61658	2.471	ng	96
75) Fluoranthene	12.61	202	57568	2.183	ng	98
78) Pyrene	12.84	202	78599	2.641	ng	97

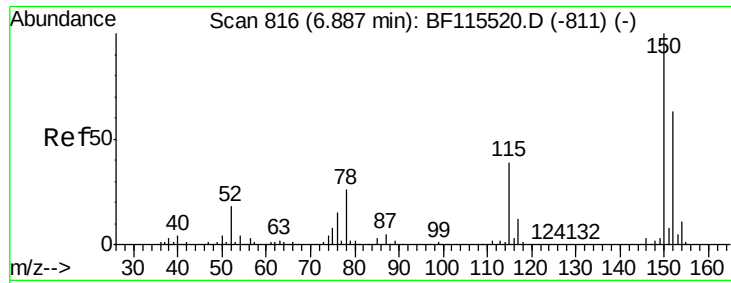
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 01:47:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
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QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



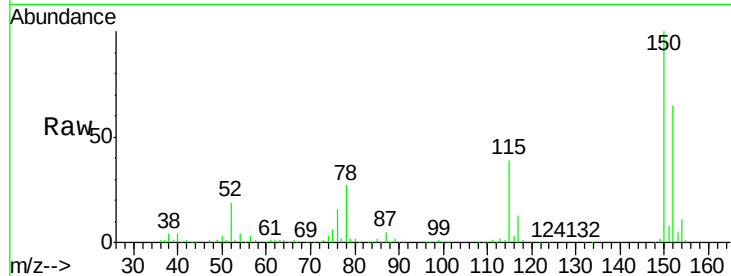


#1

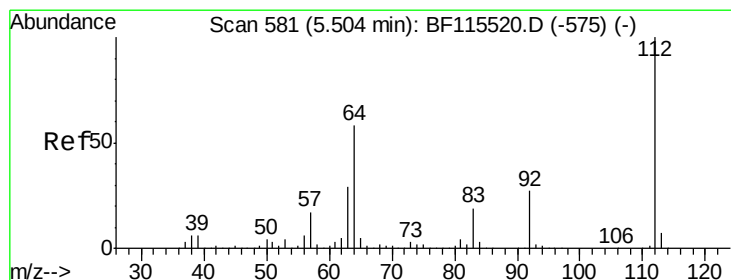
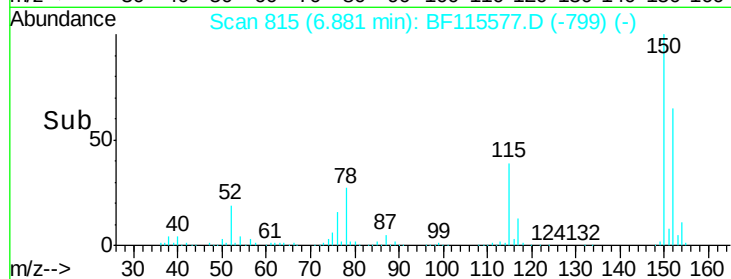
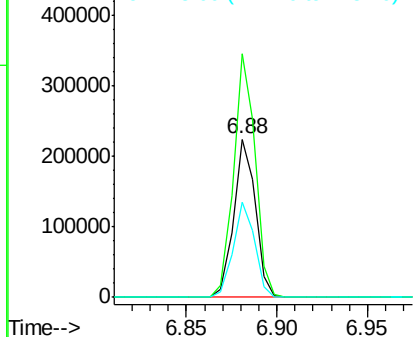
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115577.D
Acq: 16 Jul 2019 00:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 186666
Ion Ratio Lower Upper
152 100
150 153.8 129.7 194.5
115 60.3 48.2 72.4



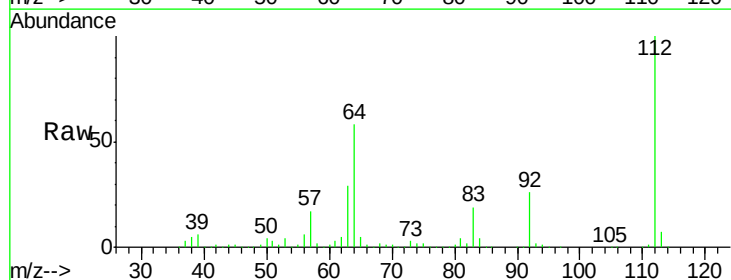
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



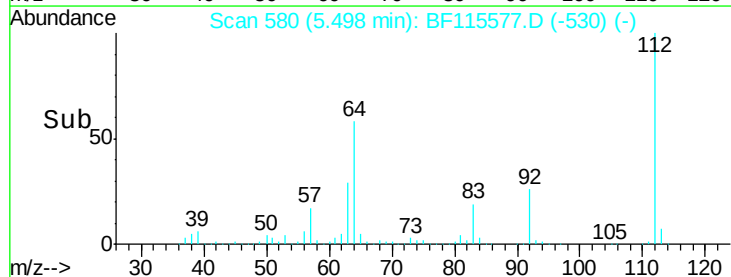
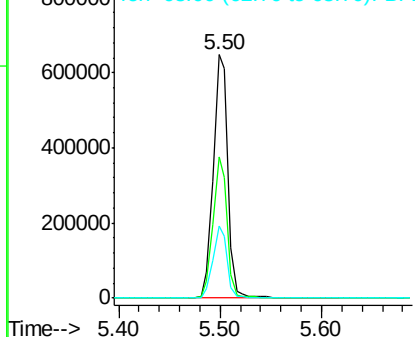
#5

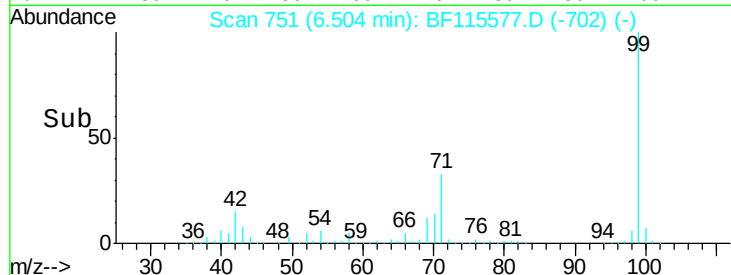
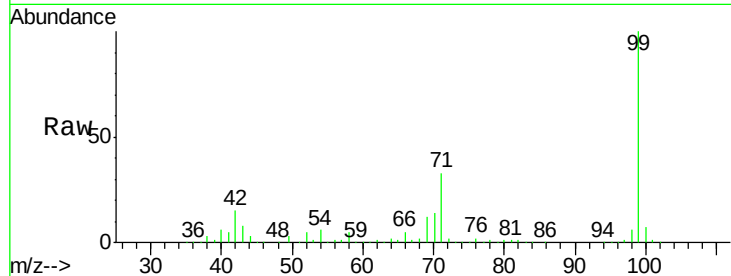
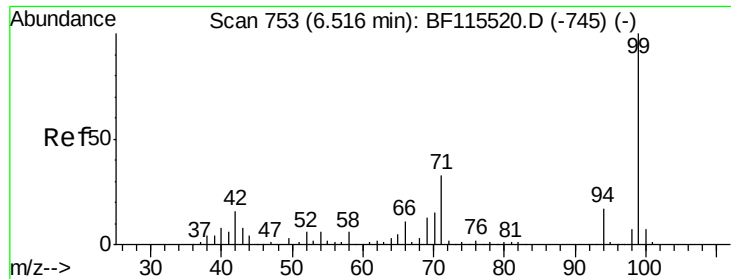
2-Fluorophenol
Concen: 56.909 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115577.D
Acq: 16 Jul 2019 00:33

Tgt Ion:112 Resp: 649444
Ion Ratio Lower Upper
112 100
64 58.0 46.8 70.2
63 29.4 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: 51.498 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

Instrument :

BNA_F

ClientSampled :

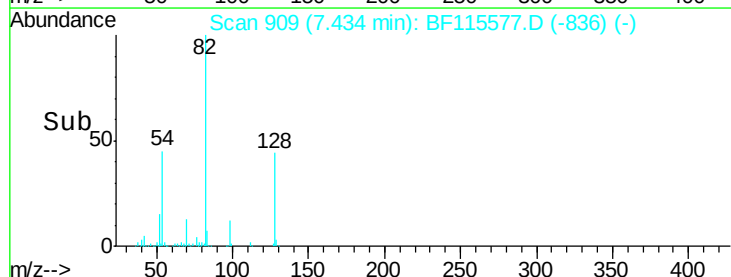
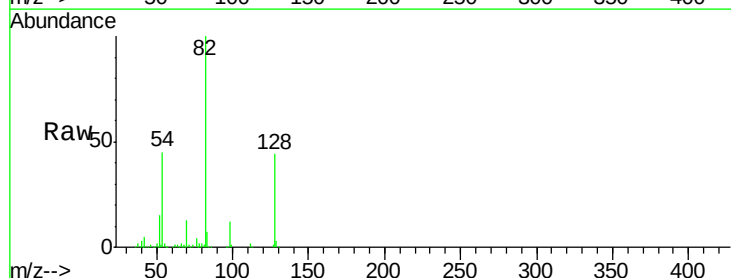
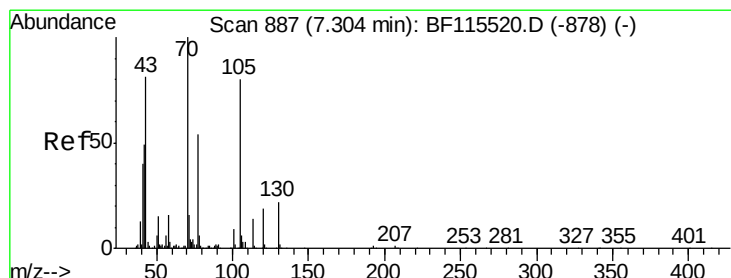
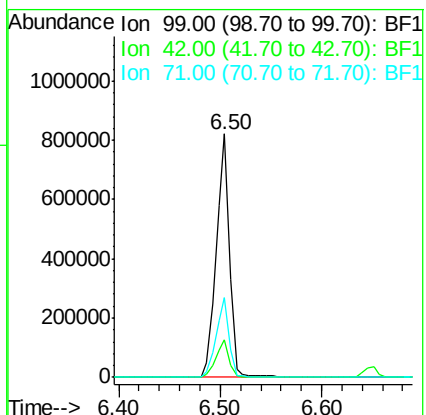
Tot Ion: 99 Resp: 745719

Ion Ratio Lower Upper

99 100

42 15.5 13.6 20.4

71 32.9 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 5.876 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

Tgt Ion: 70 Resp: 55494

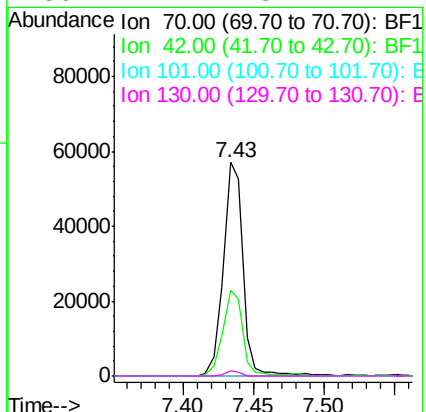
Ion Ratio Lower Upper

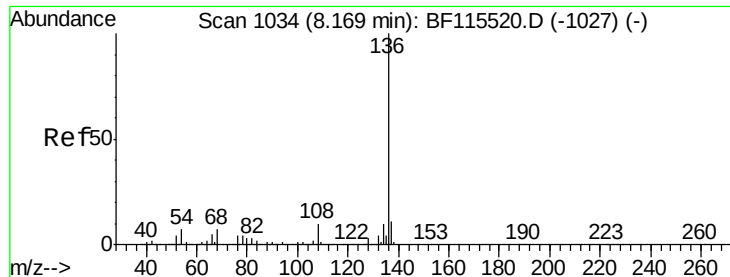
70 100

42 40.2 39.6 59.4

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 665050

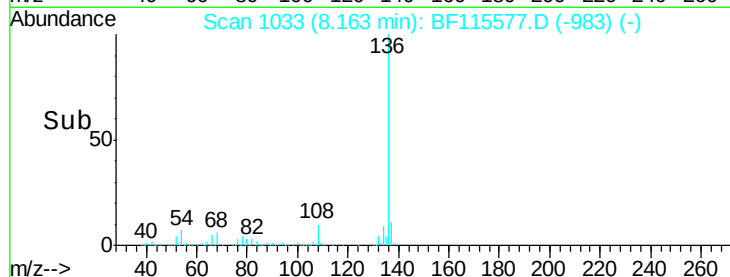
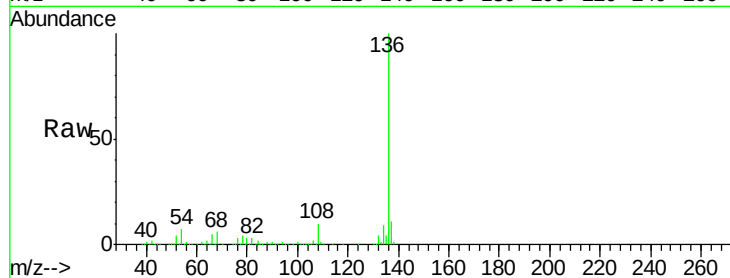
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.7 5.6 8.4

68 6.1 5.0 7.6

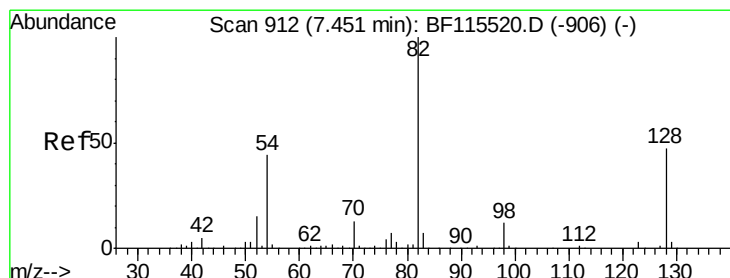
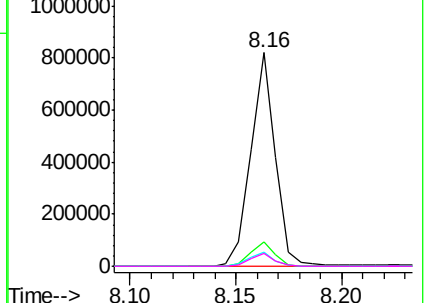


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.695 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

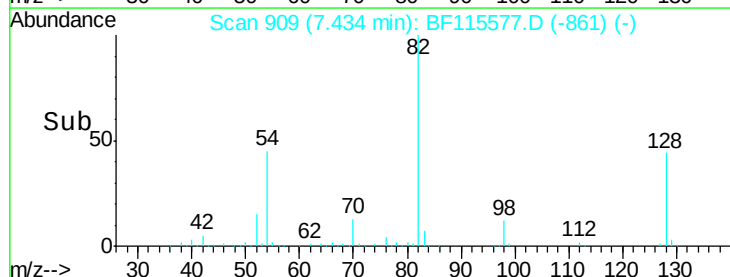
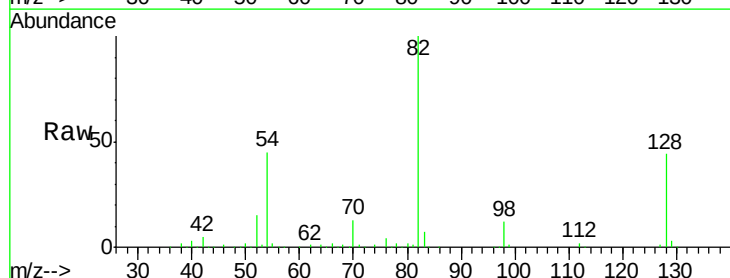
Tgt Ion: 82 Resp: 419694

Ion Ratio Lower Upper

82 100

128 44.5 38.6 57.8

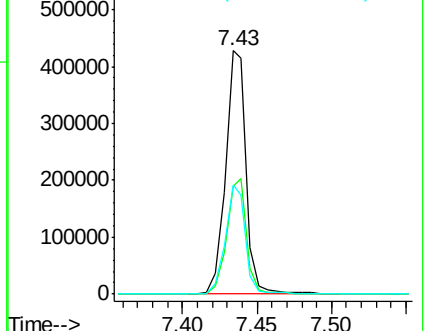
54 44.7 35.6 53.4

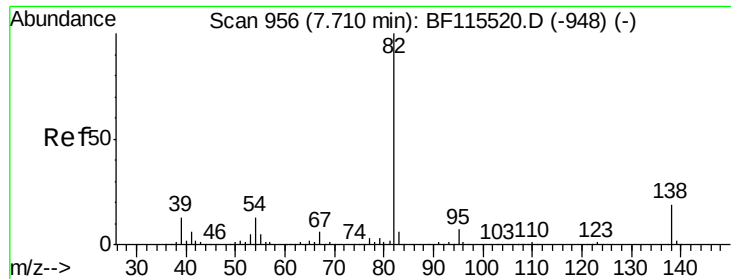


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

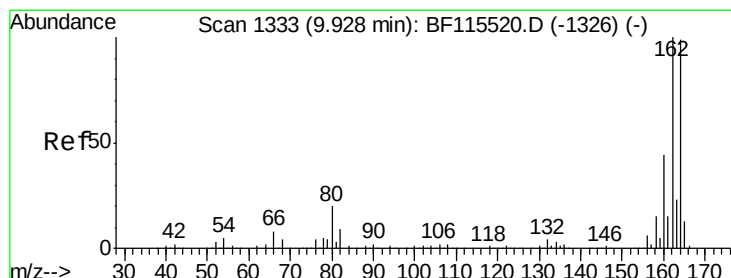
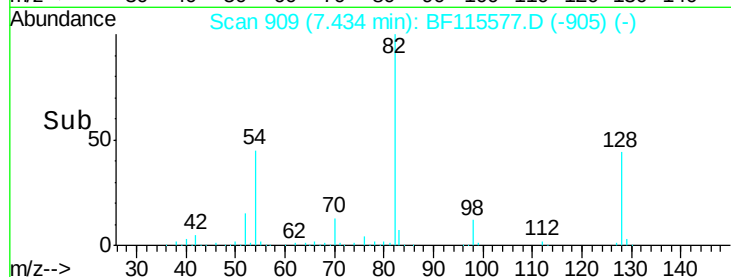
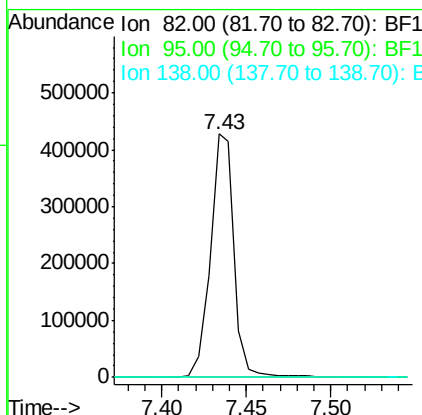
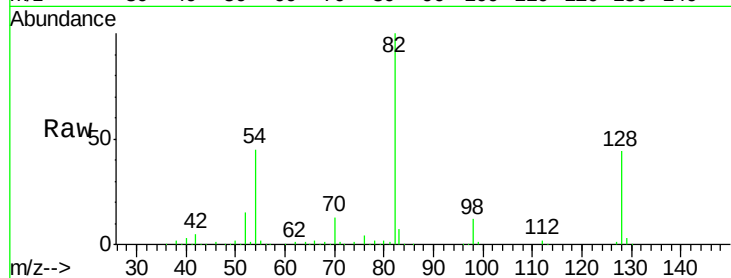




#25
Isophorone
Concen: 17.949 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF115577.D
Acq: 16 Jul 2019 00:33

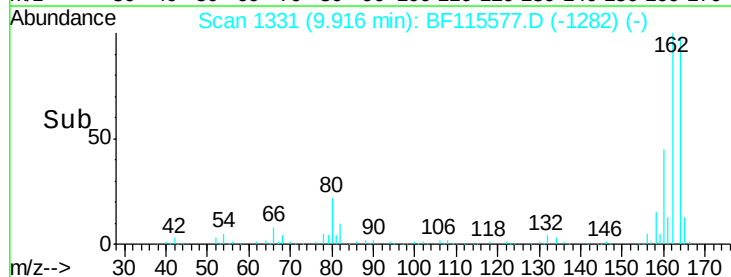
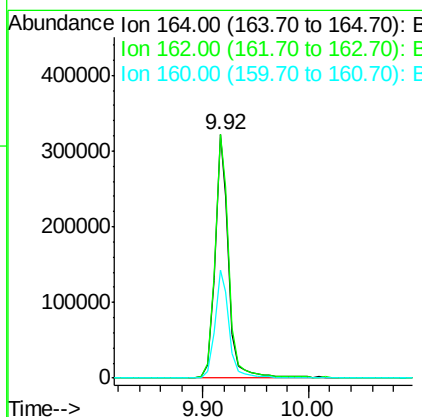
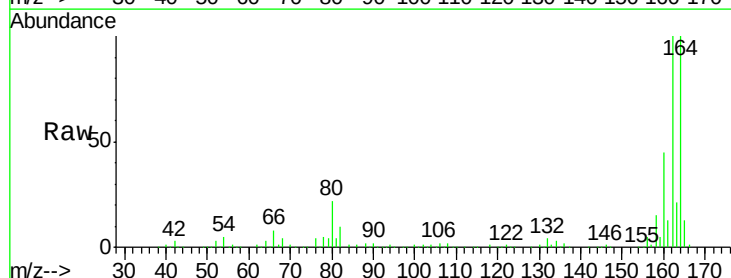
Instrument :
BNA_F
ClientSampleId :

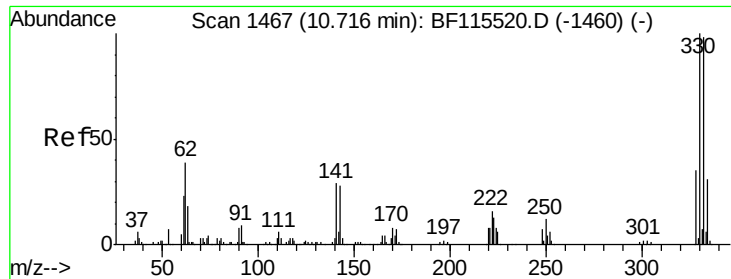
Tot Ion: 82 Resp: 410796
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115577.D
Acq: 16 Jul 2019 00:33

Tgt Ion: 164 Resp: 293994
Ion Ratio Lower Upper
164 100
162 99.9 82.9 124.3
160 44.6 36.8 55.2

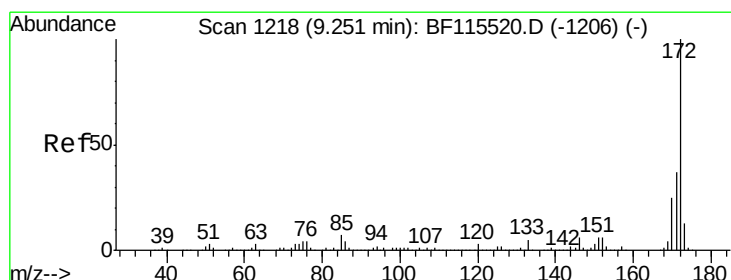
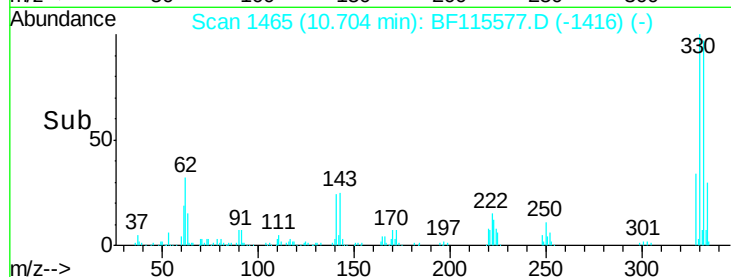
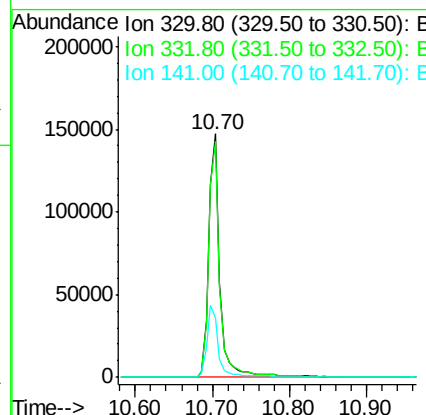
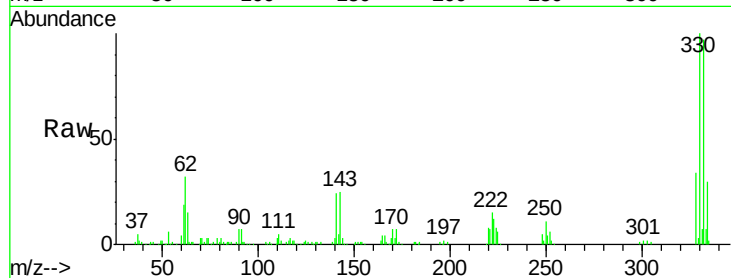




#42
 2,4,6-Tribromophenol
 Concen: 43.597 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115577.D
 Acq: 16 Jul 2019 00:33

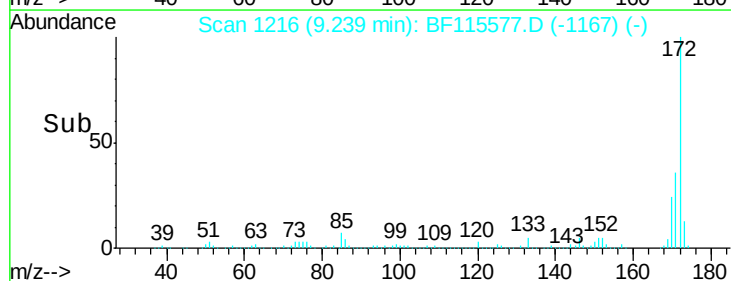
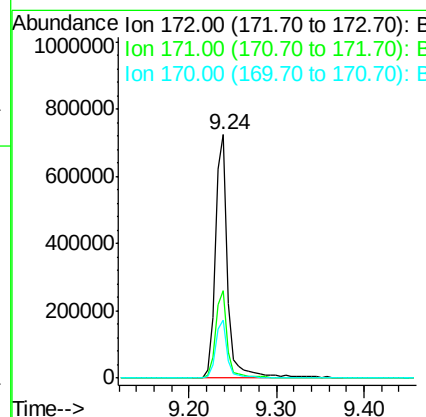
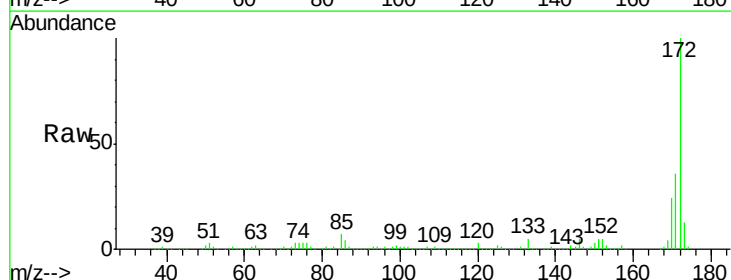
Instrument :
 BNA_F
 ClientSampleId :

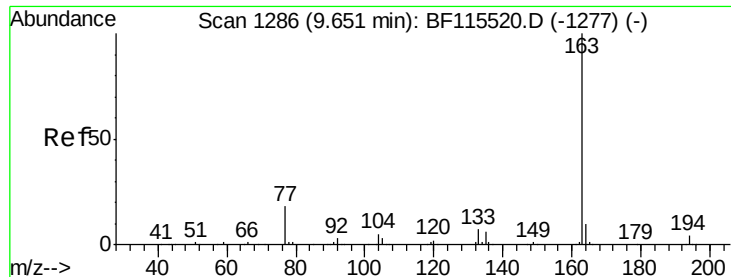
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	30.7	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 42.363 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115577.D
 Acq: 16 Jul 2019 00:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.6	46.0
170	24.0	20.5	30.7

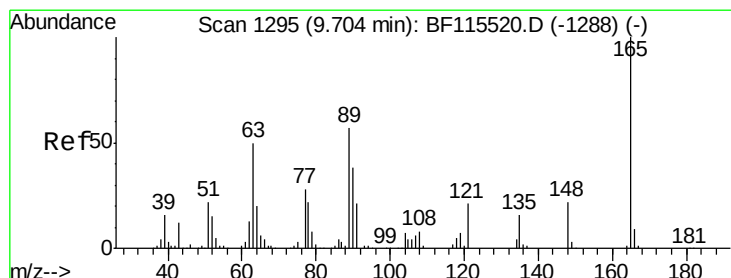
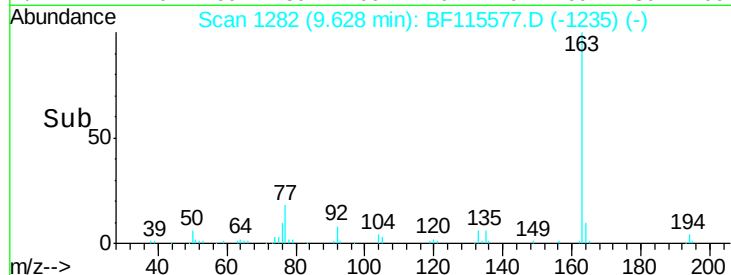
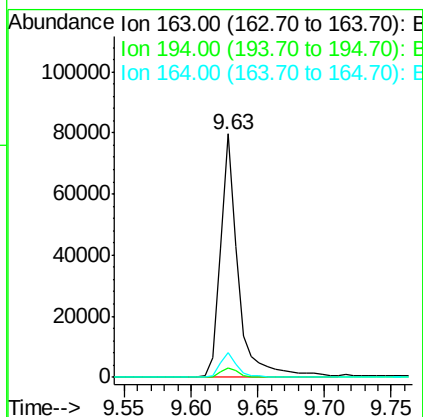
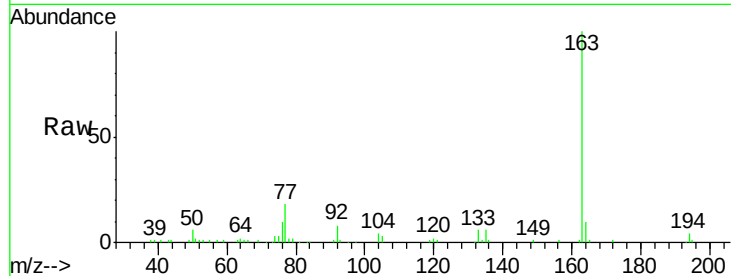




#50
Dimethylphthalate
Concen: 3.408 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115577.D
Acq: 16 Jul 2019 00:33

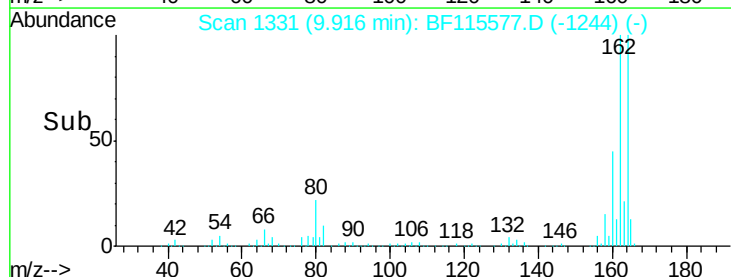
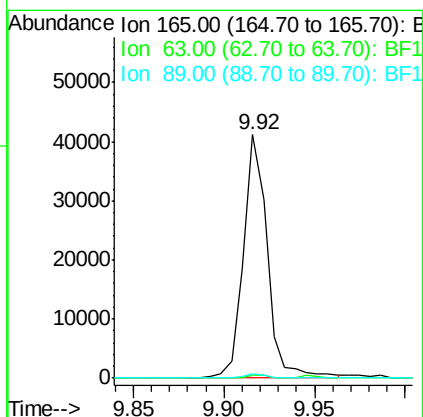
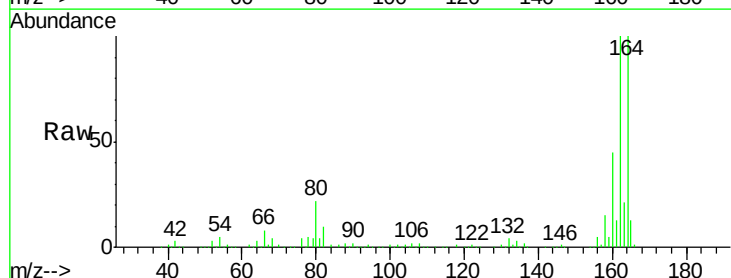
Instrument :
BNA_F
ClientSampleId :

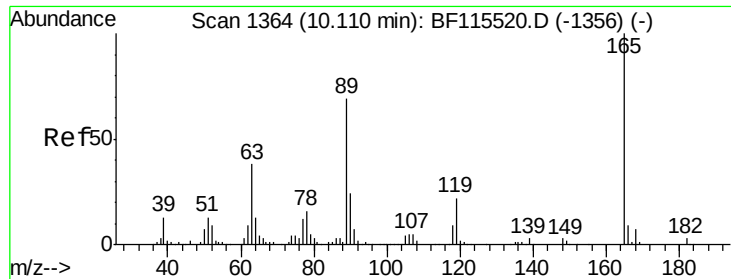
Tot Ion:163 Resp: 75381
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.7 13.1



#51
2,6-Dinitrotoluene
Concen: 7.548 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF115577.D
Acq: 16 Jul 2019 00:33

Tgt Ion:165 Resp: 37940
Ion Ratio Lower Upper
165 100
63 1.1 40.6 61.0#
89 1.6 43.9 65.9#





#57

2,4-Dinitrotoluene

Concen: 5.922 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 38568

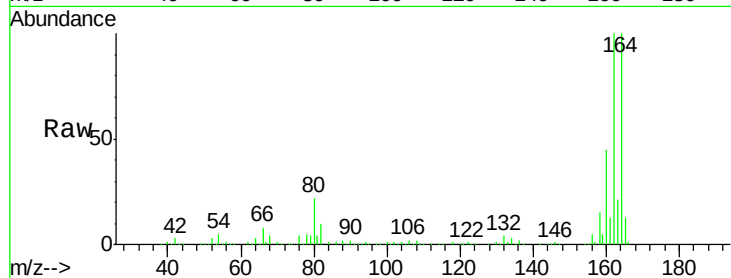
Ion Ratio Lower Upper

165 100

63 1.1 34.9 52.3#

89 1.6 57.5 86.3#

182 0.0 2.2 3.4#

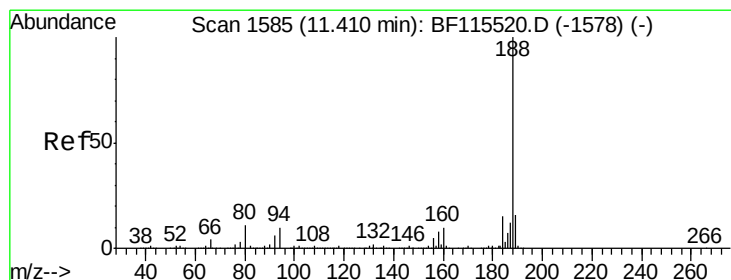
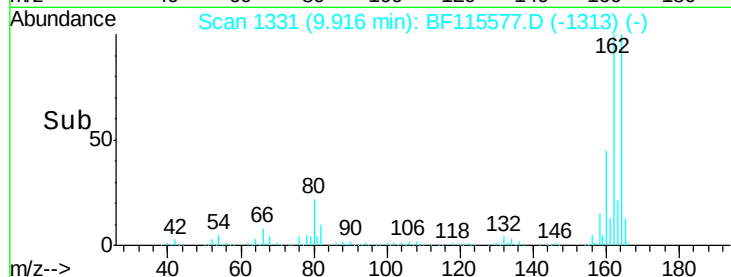
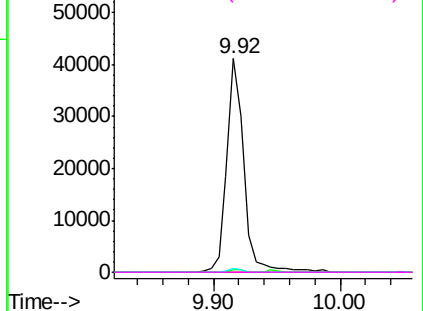


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

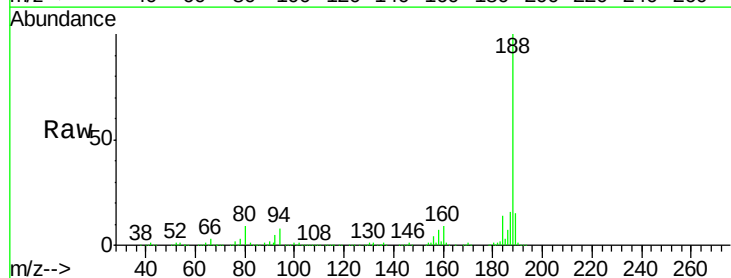
Tgt Ion:188 Resp: 486831

Ion Ratio Lower Upper

188 100

94 8.3 7.8 11.6

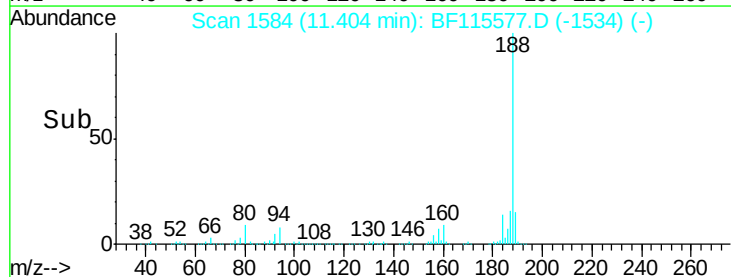
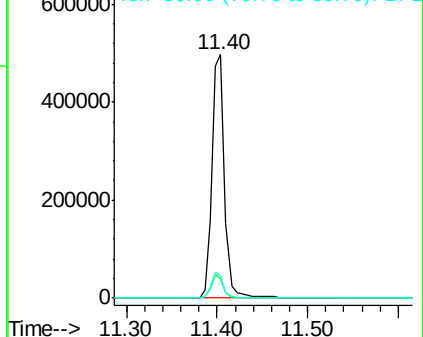
80 9.1 8.6 13.0

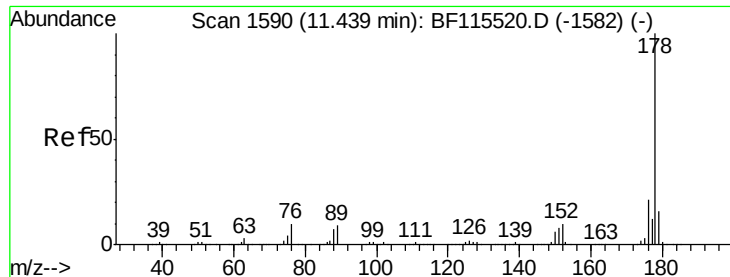


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

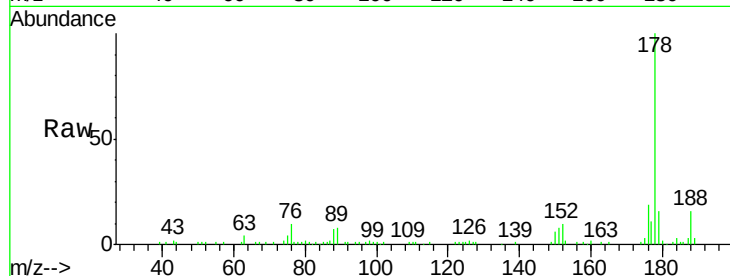




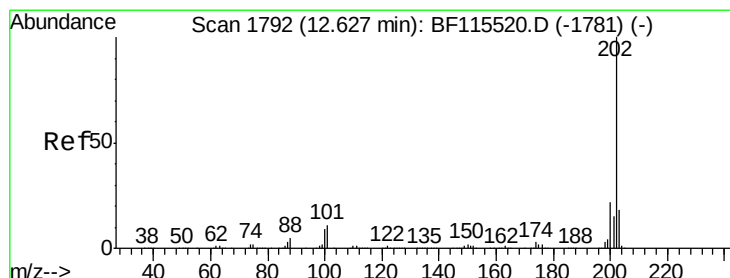
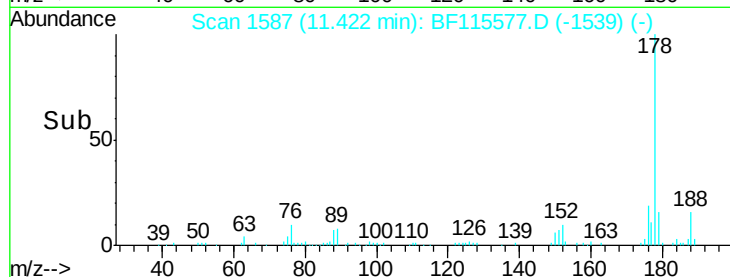
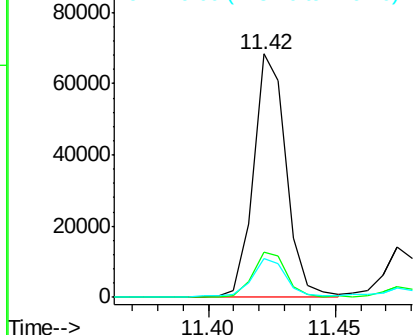
#71
Phenanthrene
Concen: 2.471 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115577.D
Acq: 16 Jul 2019 00:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 61658
Ion Ratio Lower Upper
178 100
176 18.7 17.2 25.8
179 15.9 13.5 20.3

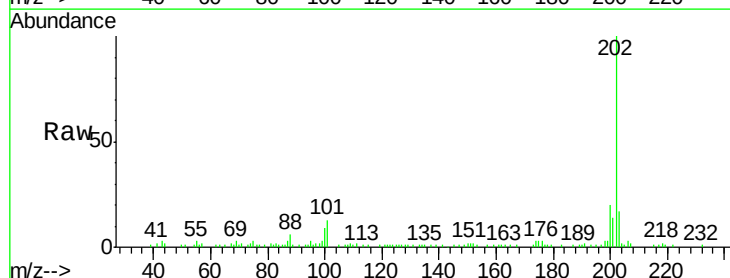


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

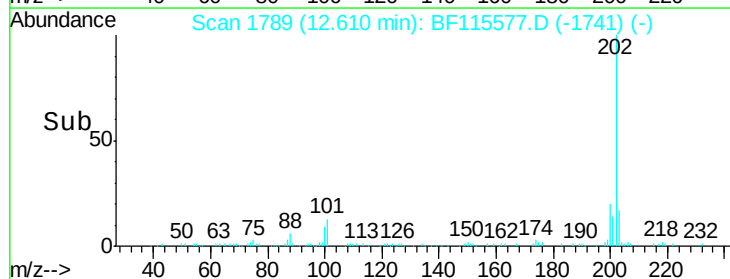
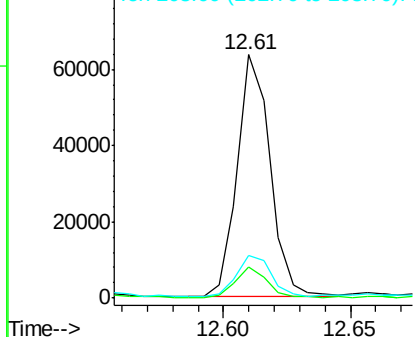


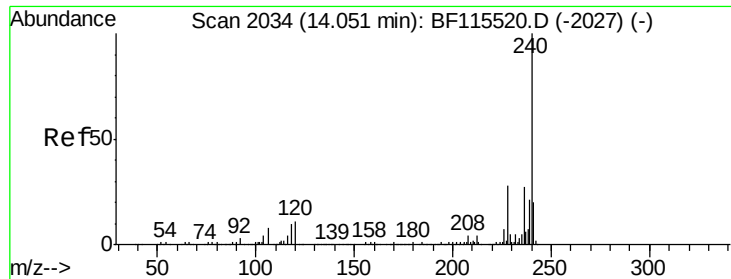
#75
Fluoranthene
Concen: 2.183 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115577.D
Acq: 16 Jul 2019 00:33

Tgt Ion:202 Resp: 57568
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.4
203 17.5 0.0 38.1



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

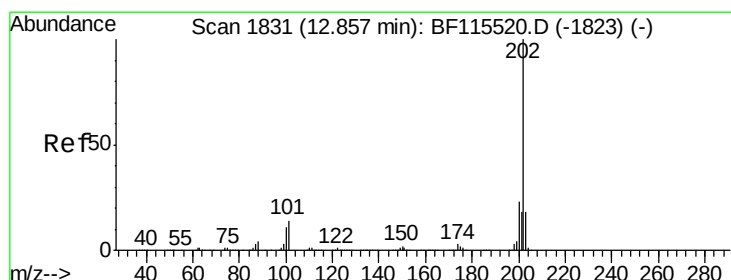
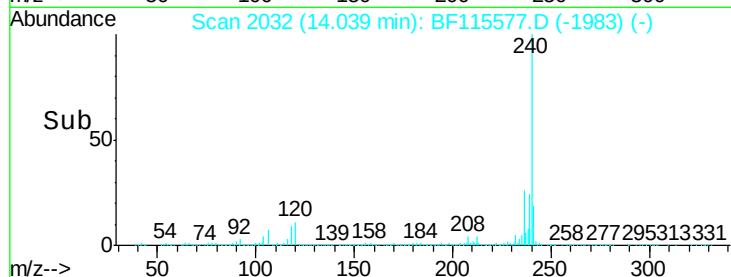
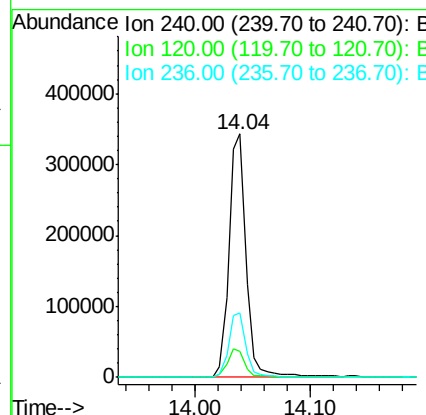
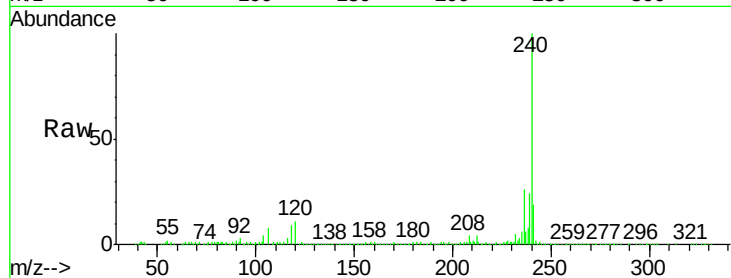




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115577.D
Acq: 16 Jul 2019 00:33

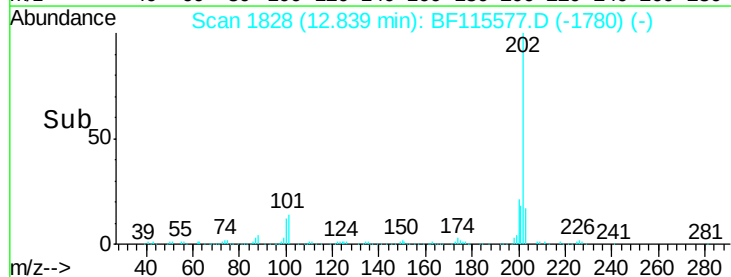
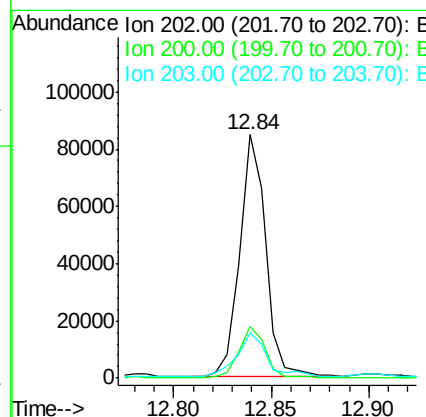
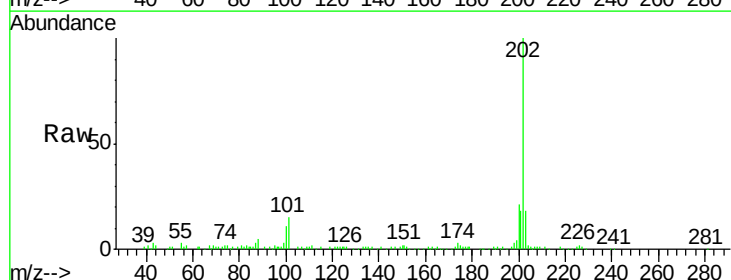
Instrument :
BNA_F
ClientSampleId :

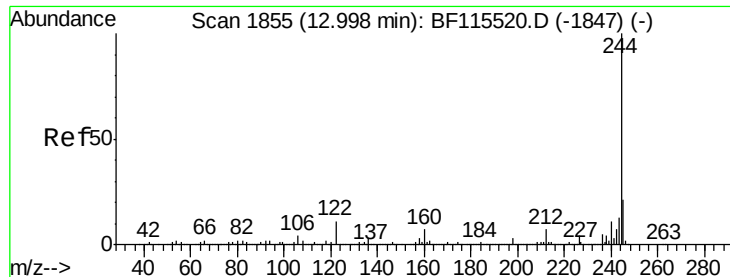
Tot Ion:240 Resp: 351217
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 26.2 21.3 31.9



#78
Pyrene
Concen: 2.641 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115577.D
Acq: 16 Jul 2019 00:33

Tgt Ion:202 Resp: 78599
Ion Ratio Lower Upper
202 100
200 21.2 18.7 28.1
203 18.4 15.2 22.8





#79

Terphenyl-d14

Concen: 28.686 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

Instrument :

BNA_F

ClientSampleId :

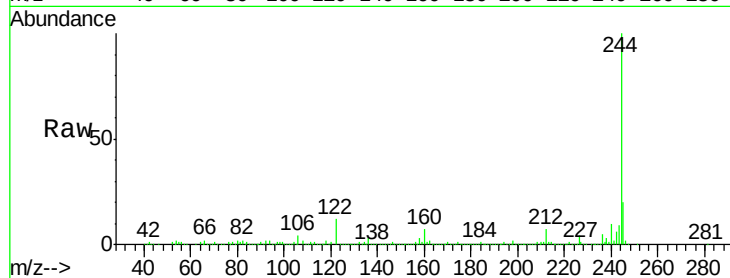
Tot Ion:244 Resp: 546018

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

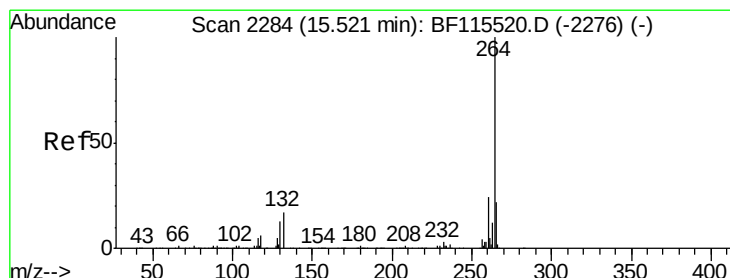
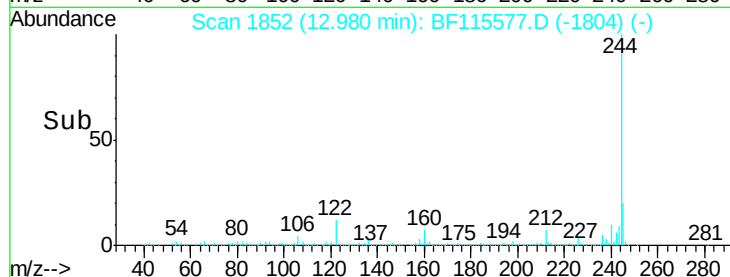
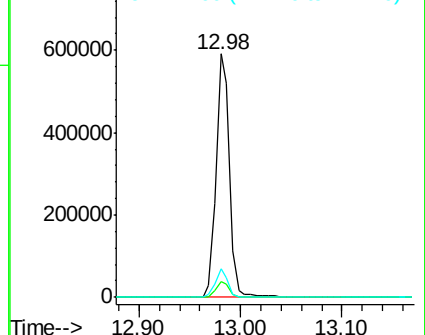
122 11.9 8.6 12.8



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

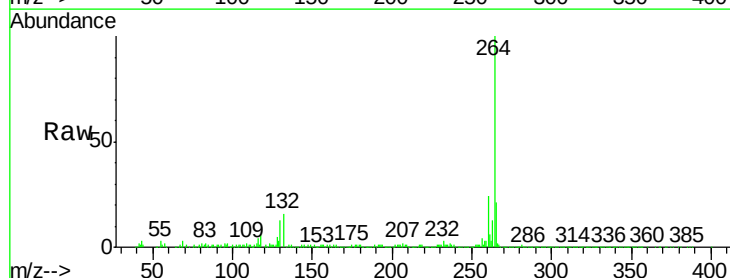
Tgt Ion:264 Resp: 378895

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 21.1 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

