

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115578.D
 Acq On : 16 Jul 2019 00:59
 Operator : HP/JU
 Sample : K3620-03 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 05:53:25 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

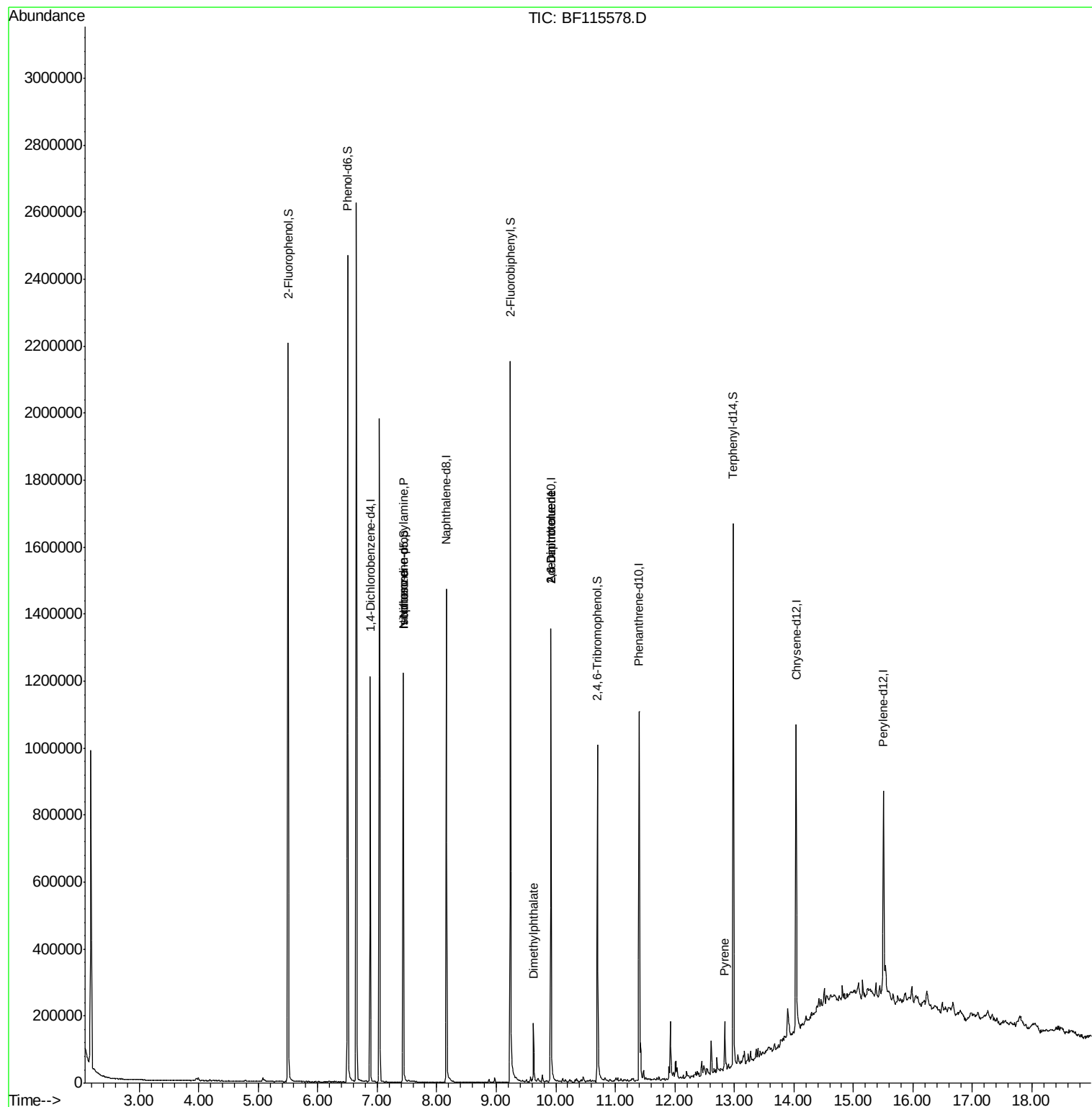
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	175099	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	650677	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	273218	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	449156	20.00	ng	0.00
76) Chrysene-d12	14.04	240	338652	20.00	ng	-0.01
87) Perylene-d12	15.50	264	330370	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	655225	61.21	ng	0.00
7) Phenol-d6	6.50	99	834023	61.40	ng	-0.01
23) Nitrobenzene-d5	7.44	82	429984	38.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	152430	47.80	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	739675	47.38	ng	-0.01
79) Terphenyl-d14	12.98	244	583515	31.79	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	55337	6.247	ng	# 76
25) Isophorone	7.44	82	421207	18.811	ng	# 64
50) Dimethylphthalate	9.63	163	80364	3.909	ng	97
51) 2,6-Dinitrotoluene	9.92	165	34747	7.438	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	35217	5.819	ng	# 24
78) Pyrene	12.84	202	58567	2.041	ng	97

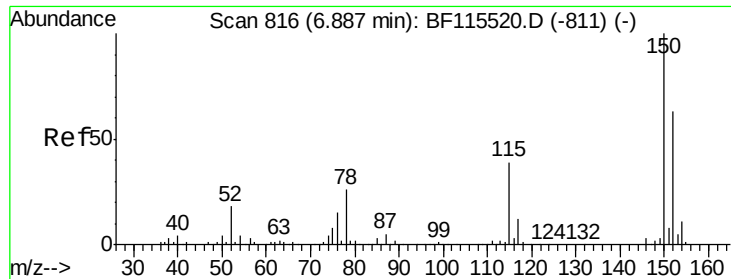
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 05:53:25 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



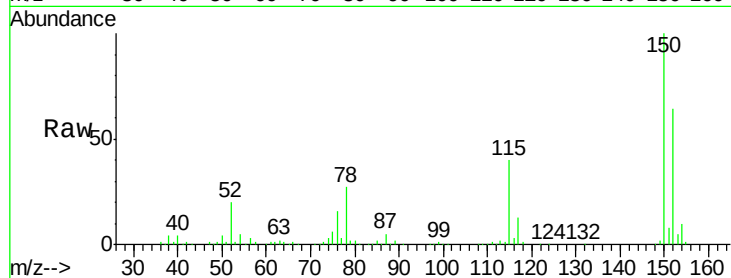


#1

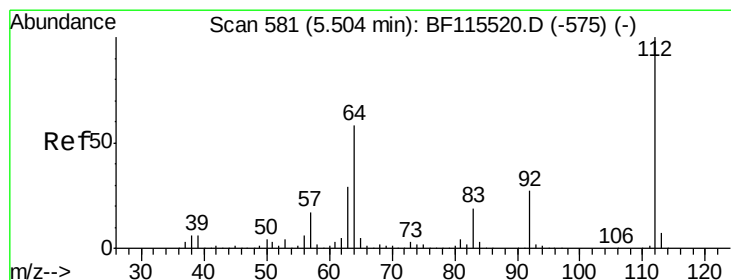
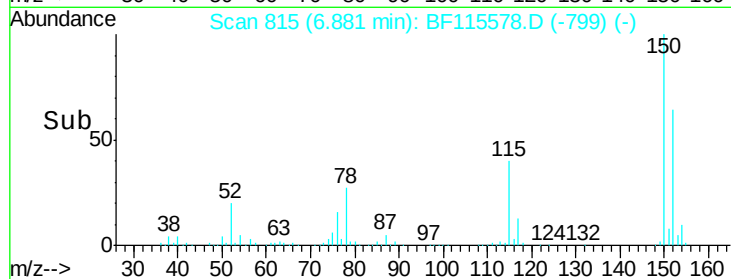
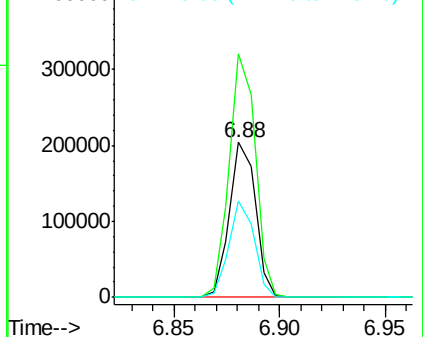
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115578.D
Acq: 16 Jul 2019 00:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	129.7	194.5
115	62.1	48.2	72.4



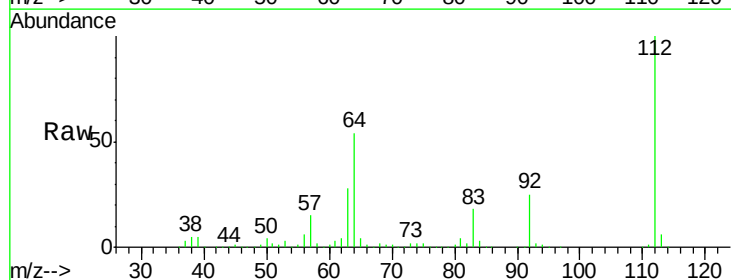
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



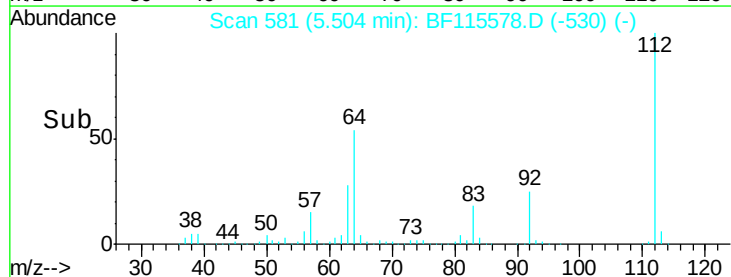
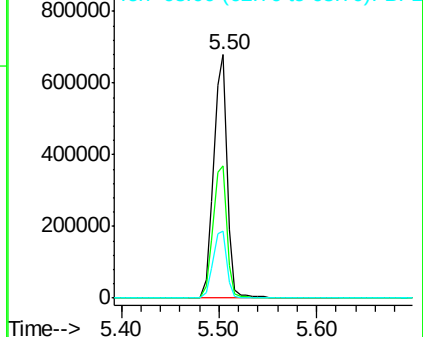
#5

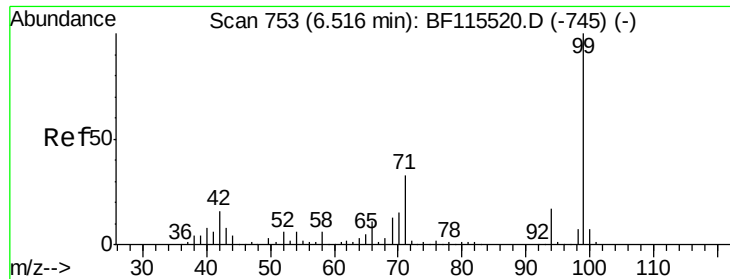
2-Fluorophenol
Concen: 61.209 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF115578.D
Acq: 16 Jul 2019 00:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.8	70.2
63	27.7	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: 61.401 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115578.D

Acq: 16 Jul 2019 00:59

Instrument :

BNA_F

ClientSampleId :

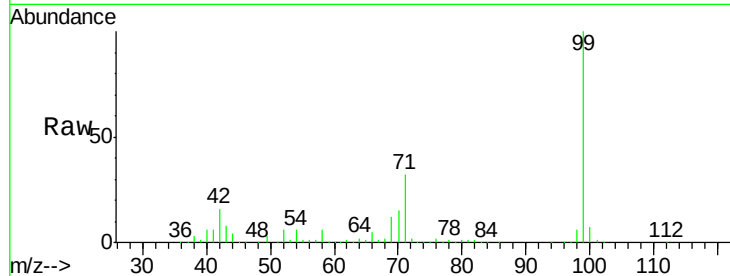
Tot Ion: 99 Resp: 834023

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

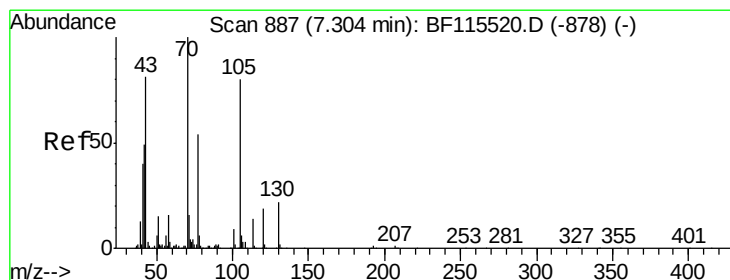
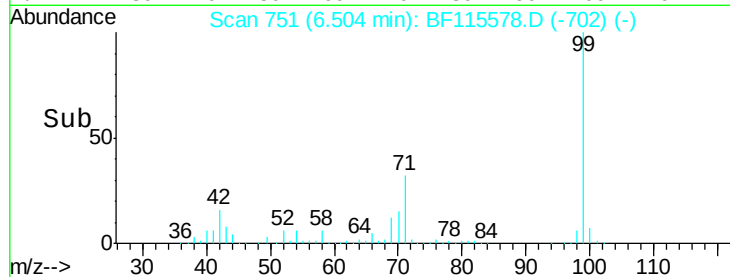
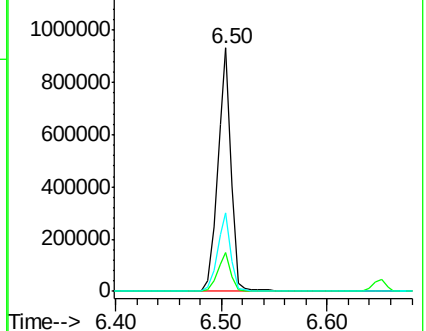
71 32.5 28.5 42.7



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: 6.247 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115578.D

Acq: 16 Jul 2019 00:59

Tgt Ion: 70 Resp: 55337

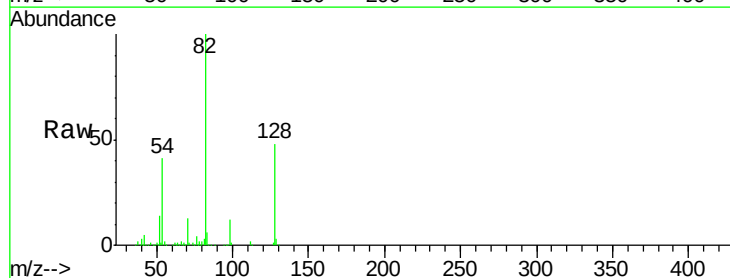
Ion Ratio Lower Upper

70 100

42 38.9 39.6 59.4#

101 0.0 8.1 12.1#

130 2.1 18.2 27.2#

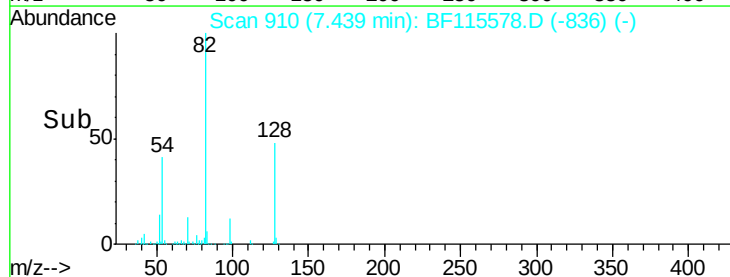
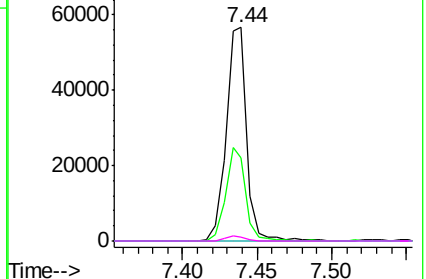


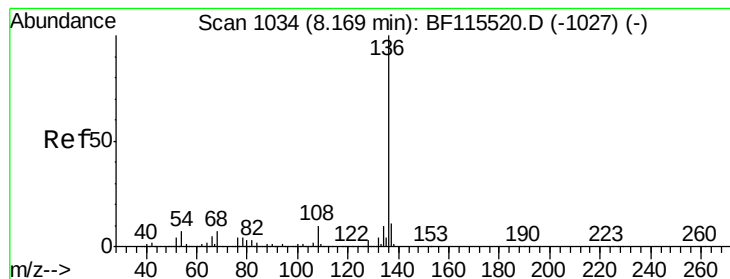
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115578.D

Acq: 16 Jul 2019 00:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 650677

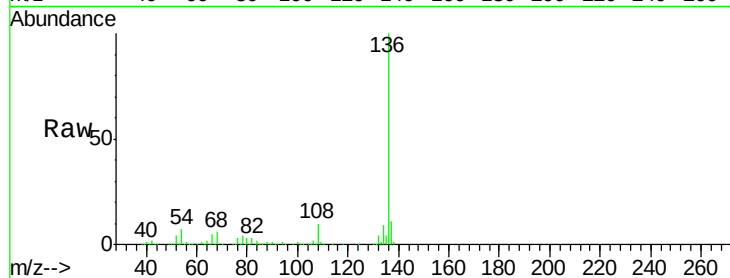
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.6 5.6 8.4

68 6.1 5.0 7.6

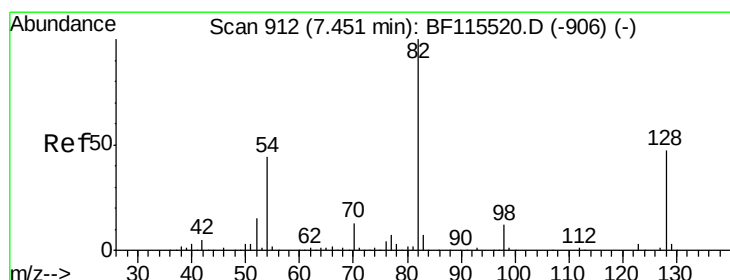
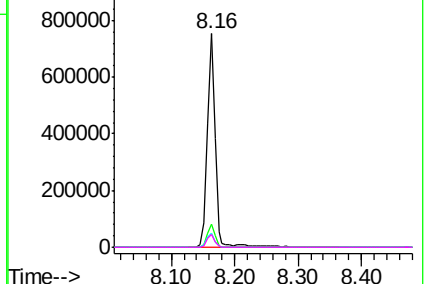
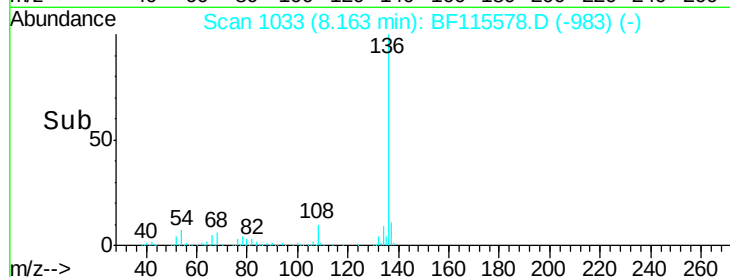


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.425 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115578.D

Acq: 16 Jul 2019 00:59

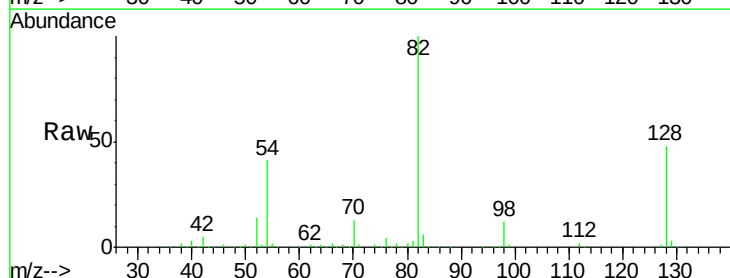
Tgt Ion: 82 Resp: 429984

Ion Ratio Lower Upper

82 100

128 48.2 38.6 57.8

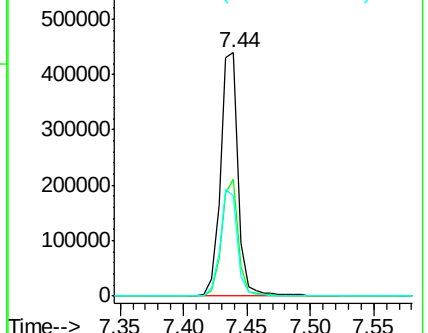
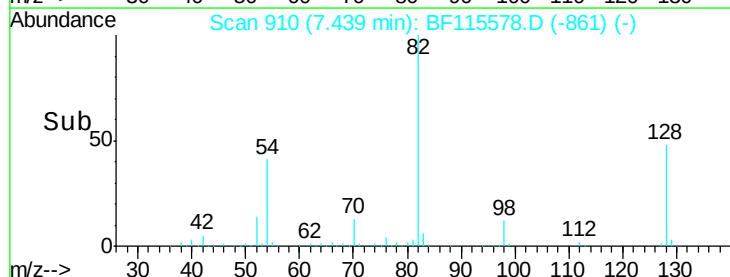
54 41.2 35.6 53.4

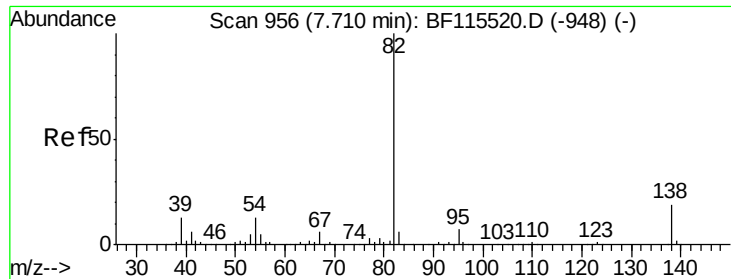


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 18.811 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115578.D

Acq: 16 Jul 2019 00:59

Instrument :

BNA_F

ClientSampled :

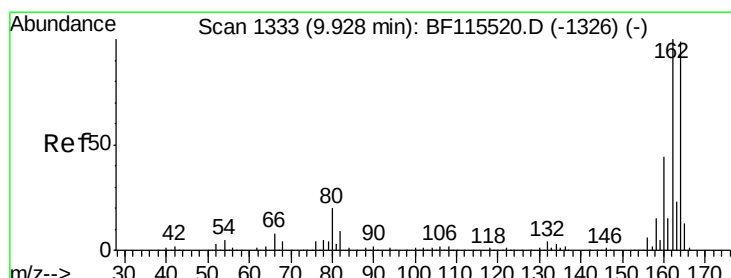
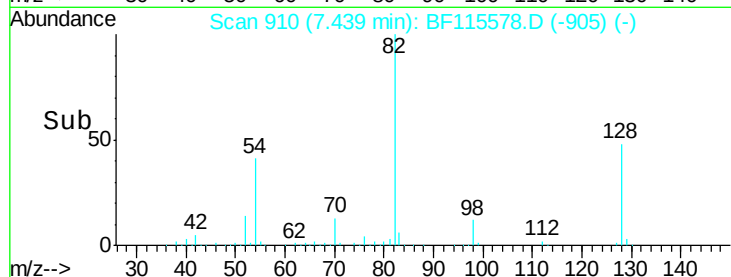
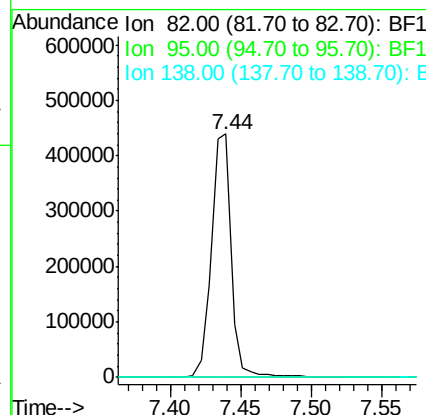
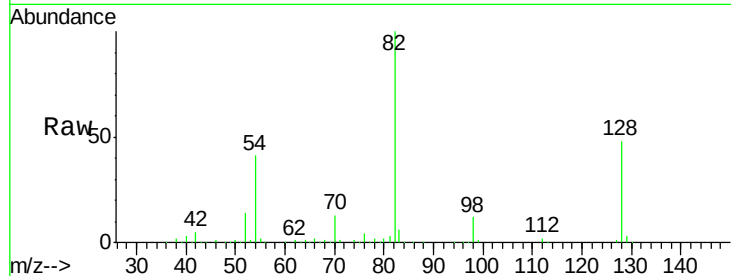
Tot Ion: 82 Resp: 421207

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: BF115578.D

Acq: 16 Jul 2019 00:59

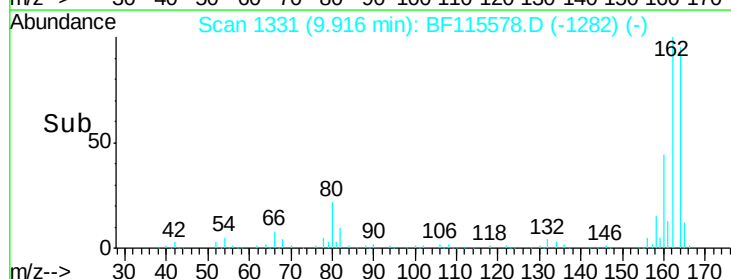
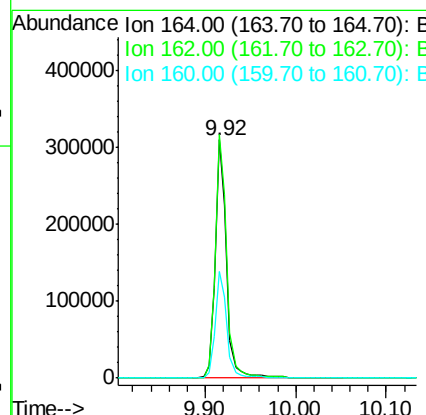
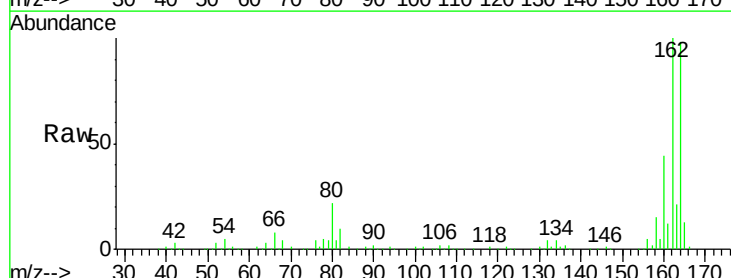
Tgt Ion: 164 Resp: 273218

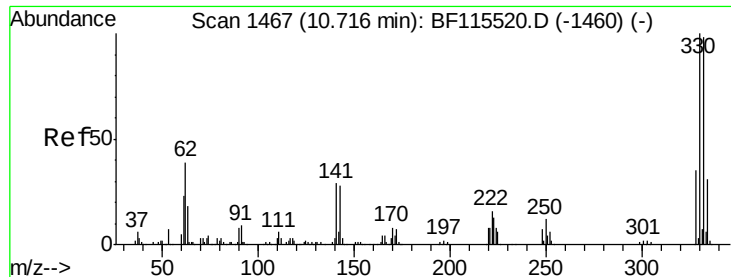
Ion Ratio Lower Upper

164 100

162 102.2 82.9 124.3

160 45.0 36.8 55.2

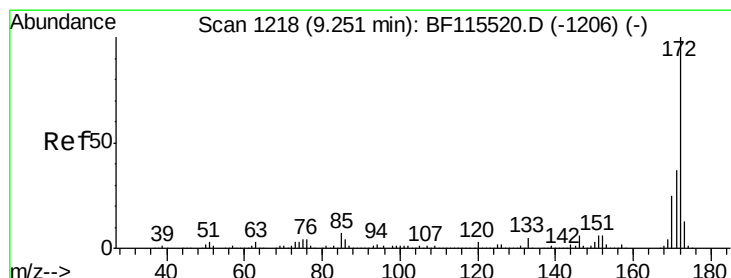
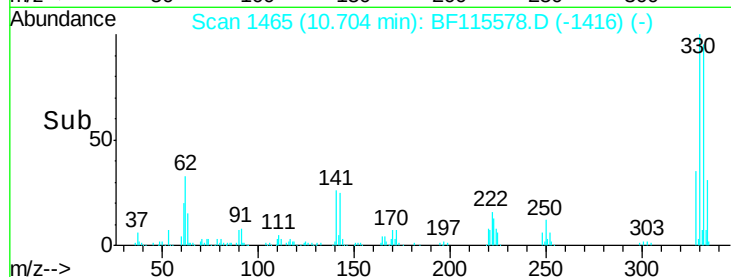
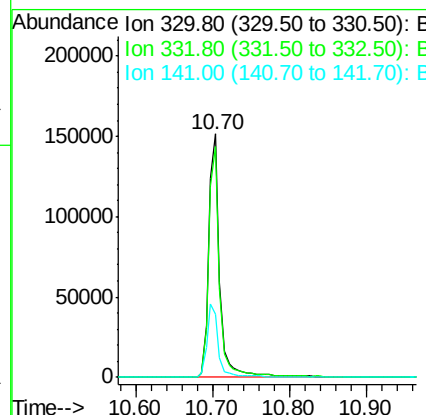
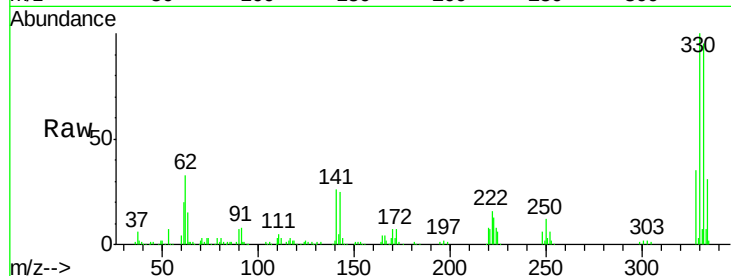




#42
 2,4,6-Tribromophenol
 Concen: 47.797 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115578.D
 Acq: 16 Jul 2019 00:59

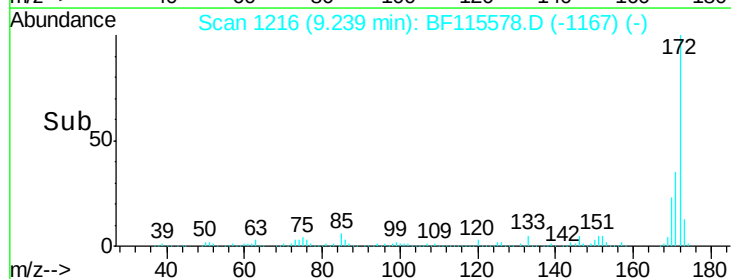
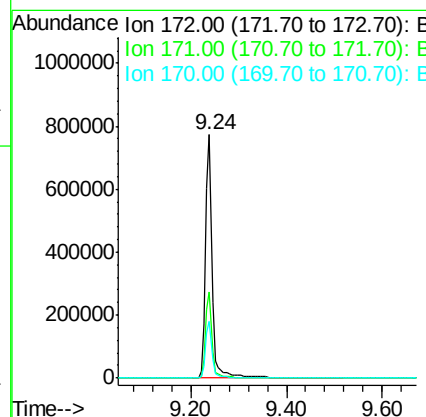
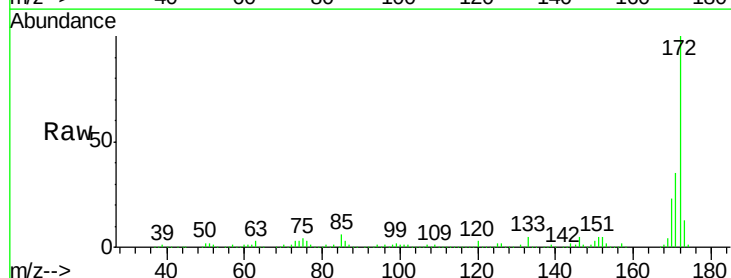
Instrument :
 BNA_F
 ClientSampleId :

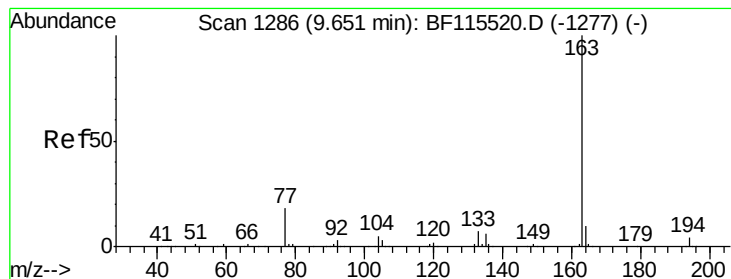
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.2
141	30.5	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 47.385 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115578.D
 Acq: 16 Jul 2019 00:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.6	46.0
170	23.4	20.5	30.7





#50

Dimethylphthalate

Concen: 3.909 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF115578.D

Acq: 16 Jul 2019 00:59

Instrument :

BNA_F

ClientSampled :

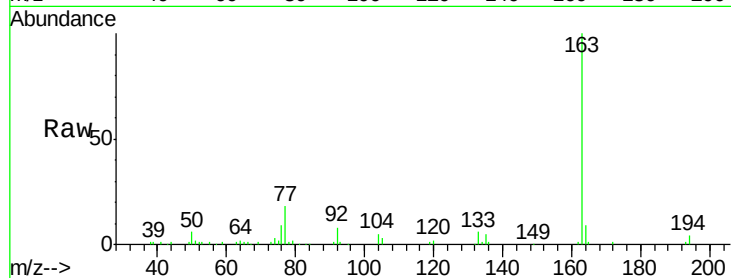
Tot Ion:163 Resp: 80364

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

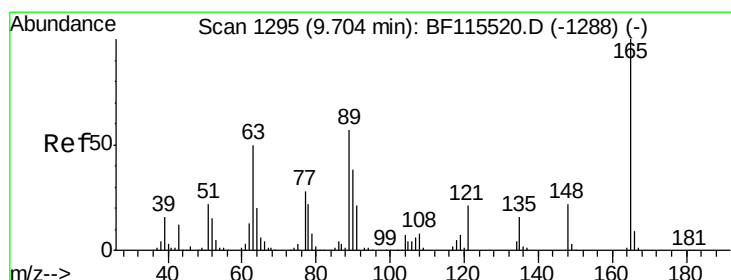
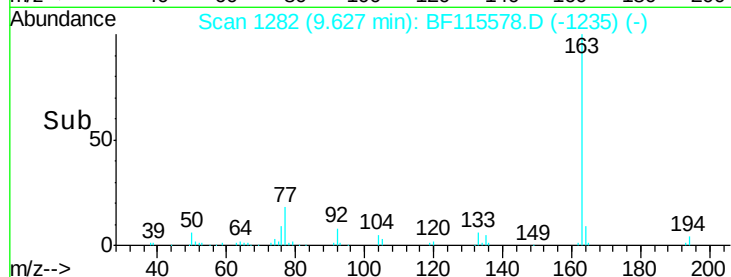
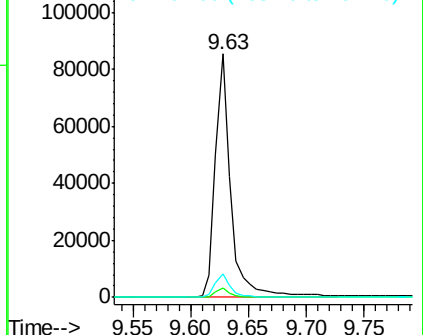
164 9.5 8.7 13.1



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: 7.438 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF115578.D

Acq: 16 Jul 2019 00:59

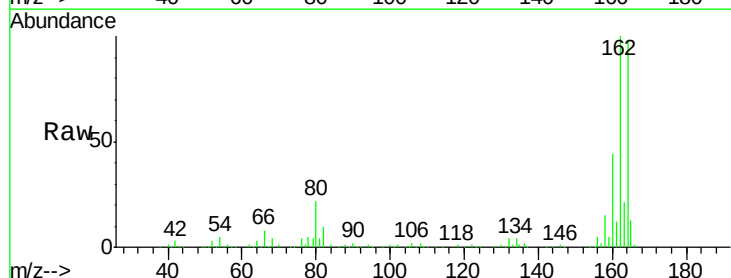
Tgt Ion:165 Resp: 34747

Ion Ratio Lower Upper

165 100

63 1.3 40.6 61.0#

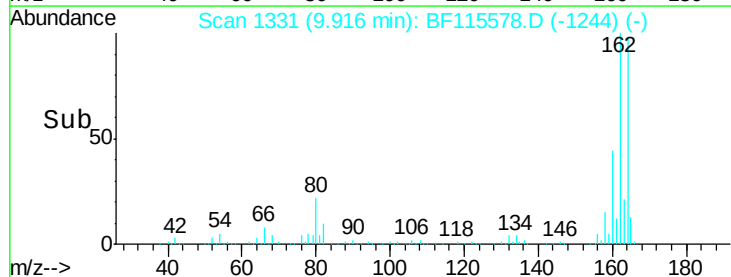
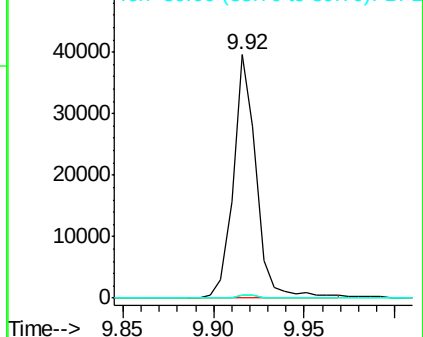
89 1.3 43.9 65.9#

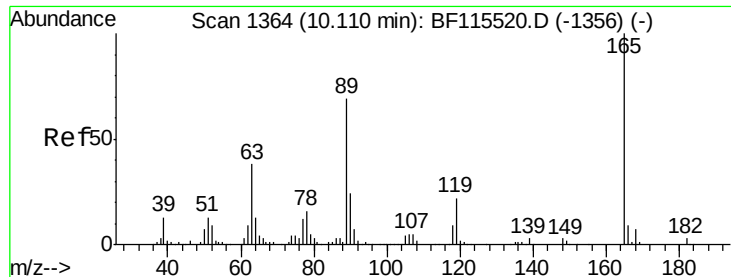


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 5.819 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF115578.D

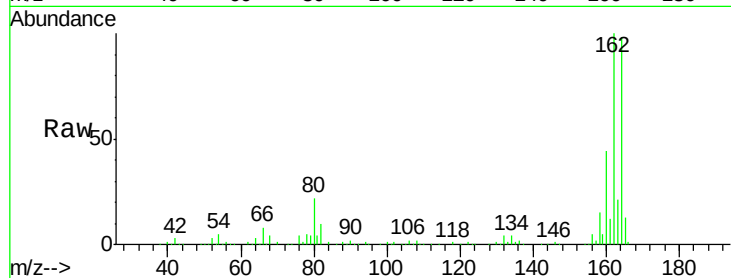
Acq: 16 Jul 2019 00:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	35217
Ion Ratio	Lower	Upper
165	100	
63	1.3	34.9 52.3#
89	1.3	57.5 86.3#
182	0.0	2.2 3.4#

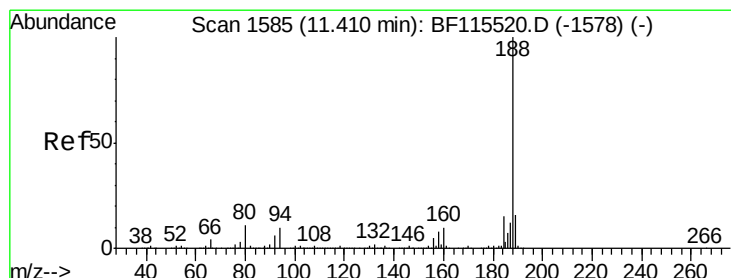
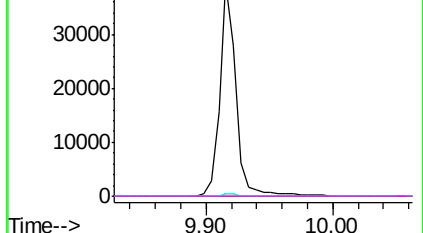
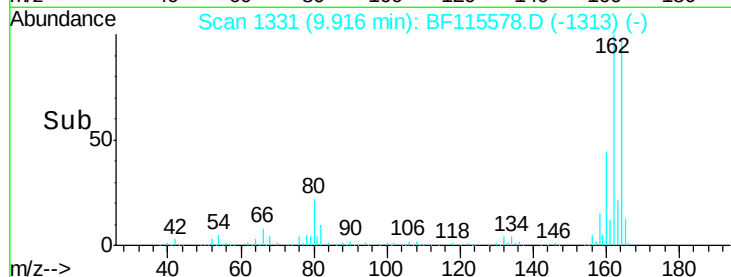


Abundance Ion 165.00 (164.70 to 165.70): E

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

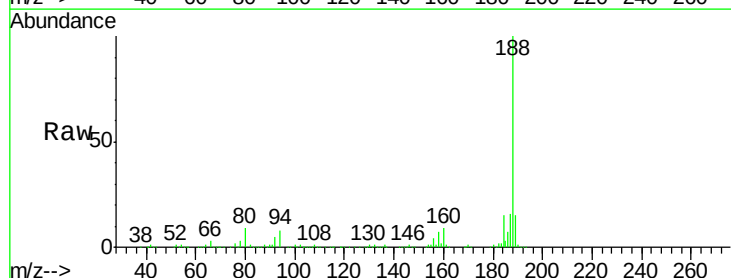
RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115578.D

Acq: 16 Jul 2019 00:59

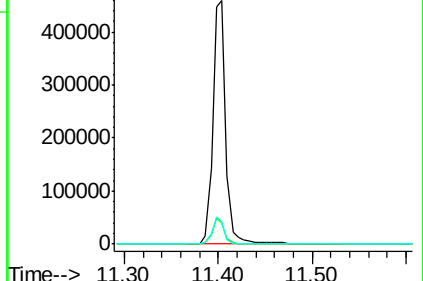
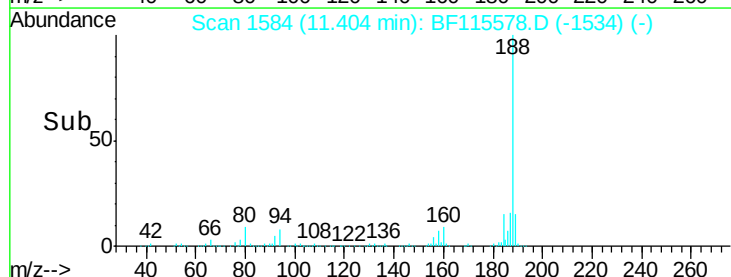
Tgt Ion:188	Resp:	449156
Ion Ratio	Lower	Upper
188	100	
94	8.4	7.8 11.6
80	9.0	8.6 13.0

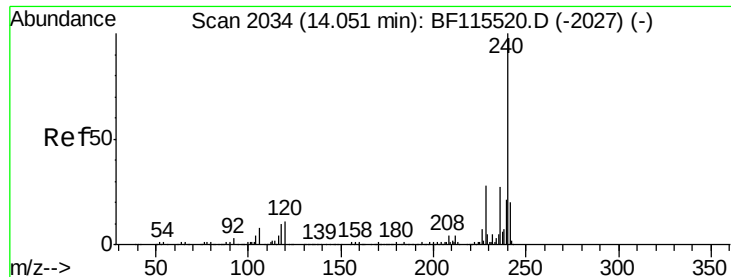


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

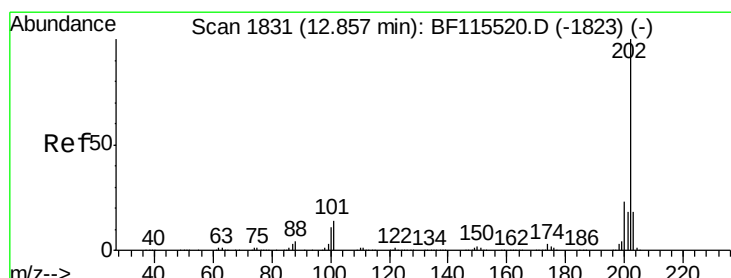
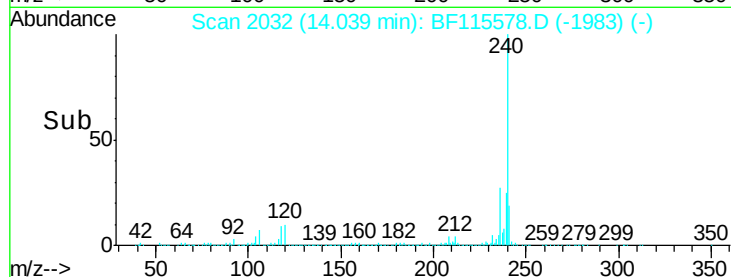
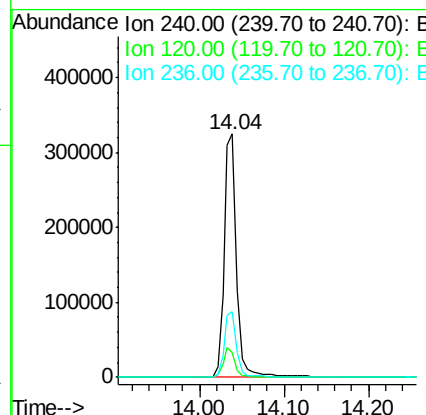
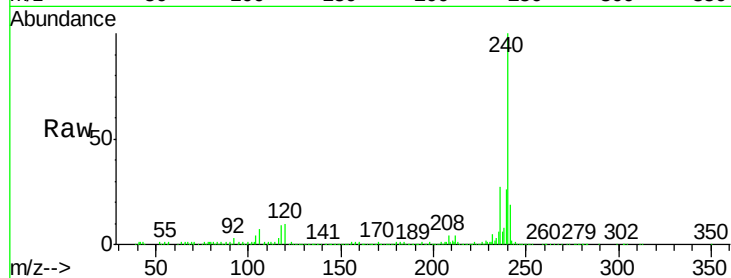




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115578.D
Acq: 16 Jul 2019 00:59

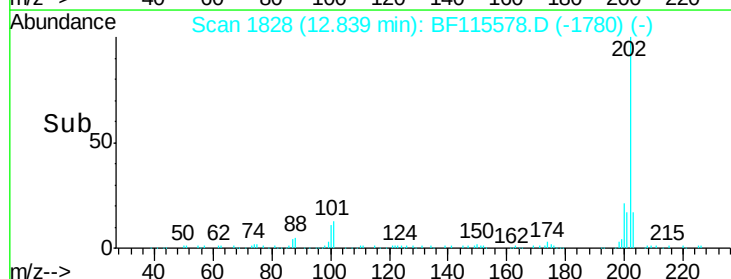
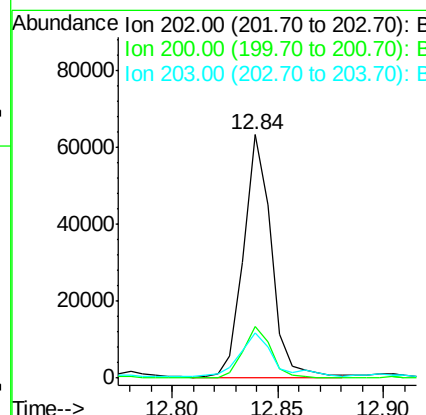
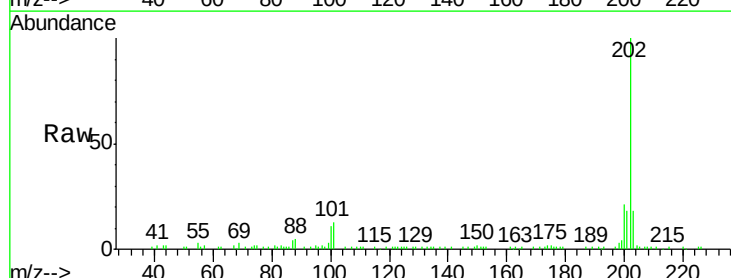
Instrument :
BNA_F
ClientSampleId :

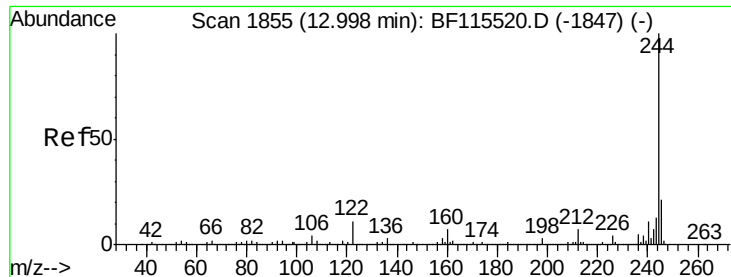
Tot Ion:240 Resp: 338652
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 27.0 21.3 31.9



#78
Pyrene
Concen: 2.041 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115578.D
Acq: 16 Jul 2019 00:59

Tgt Ion:202 Resp: 58567
Ion Ratio Lower Upper
202 100
200 21.2 18.7 28.1
203 18.5 15.2 22.8





#79

Terphenyl-d14

Concen: 31.793 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115578.D

Acq: 16 Jul 2019 00:59

Instrument :

BNA_F

ClientSampleId :

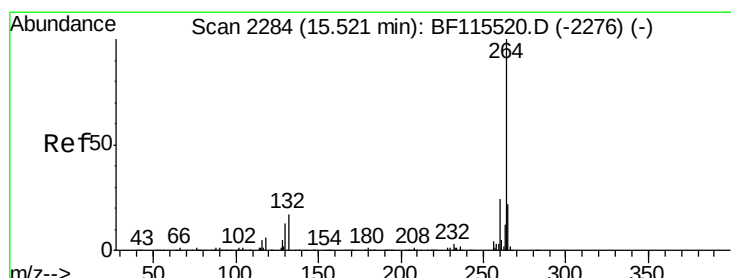
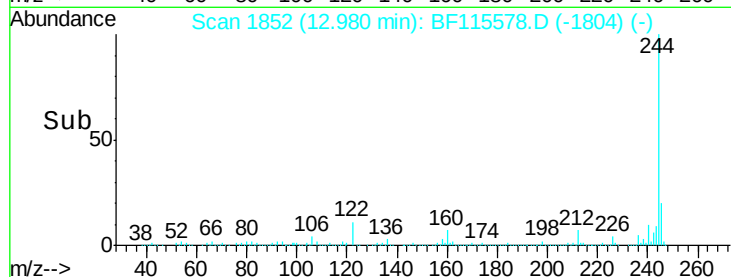
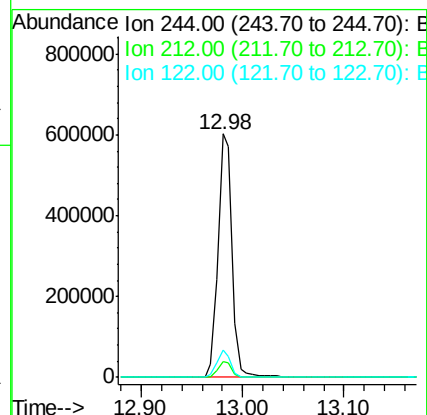
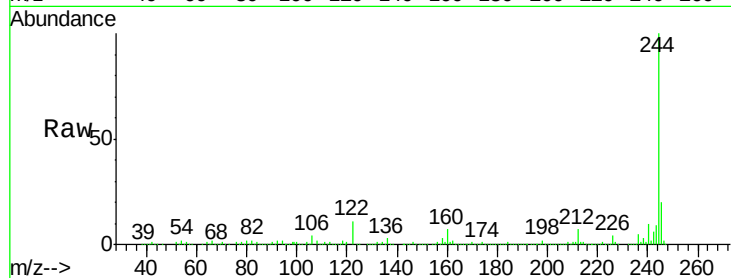
Tot Ion:244 Resp: 583515

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 11.4 8.6 12.8



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF115578.D

Acq: 16 Jul 2019 00:59

Tgt Ion:264 Resp: 330370

Ion Ratio Lower Upper

264 100

260 25.2 19.8 29.8

265 21.5 17.7 26.5

