

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071719\
 Data File : BF115627.D
 Acq On : 17 Jul 2019 17:36
 Operator : HP/JU
 Sample : K3835-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-2)

Quant Time: Jul 18 04:46:26 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

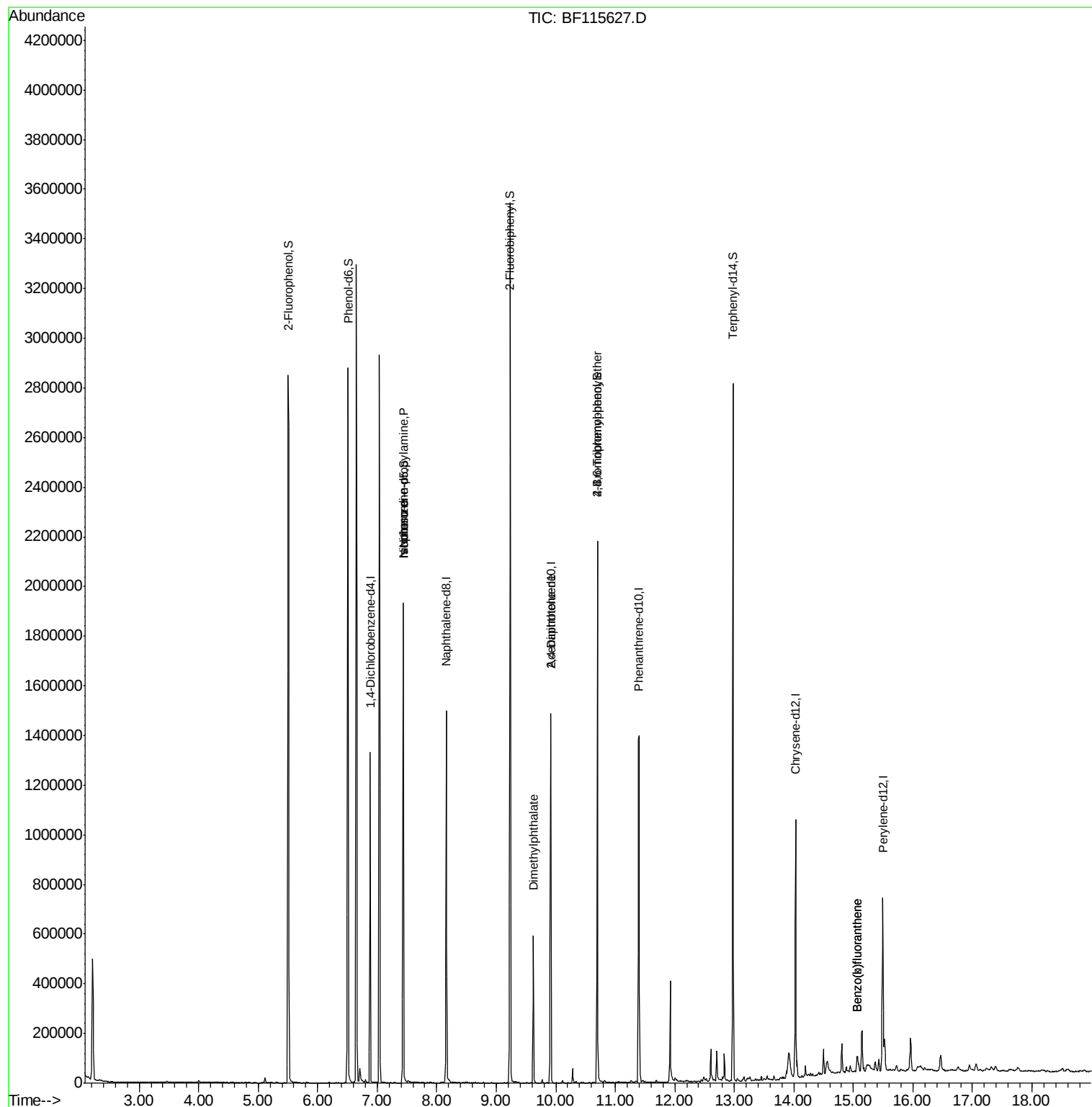
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	177918	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	721692	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	303698	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	549958	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	306780	20.00	ng	-0.02
87) Perylene-d12	15.49	264	316318	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	886921	81.54	ng	0.00
7) Phenol-d6	6.51	99	1146369	83.06	ng	0.00
23) Nitrobenzene-d5	7.44	82	709399	57.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	271147	76.49	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1112462	64.11	ng	-0.02
79) Terphenyl-d14	12.98	244	986488	59.33	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	92871	10.317	ng	Qvalue # 78
25) Isophorone	7.44	82	694834	27.977	ng	# 64
50) Dimethylphthalate	9.62	163	228514	10.001	ng	98
57) 2,4-Dinitrotoluene	9.92	165	38688	5.751	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	17032	2.710	ng	# 1
88) Benzo(b)fluoranthene	15.06	252	44846	2.202	ng	99
89) Benzo(k)fluoranthene	15.06	252	44846	2.470	ng	98

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

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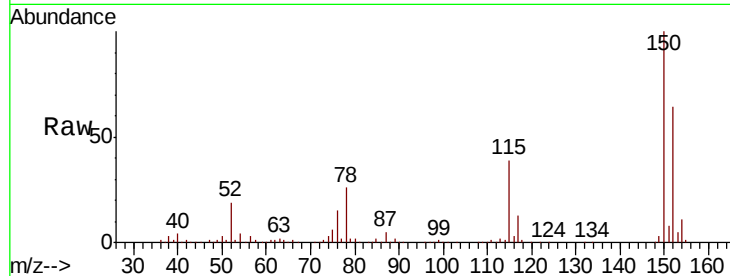


#1

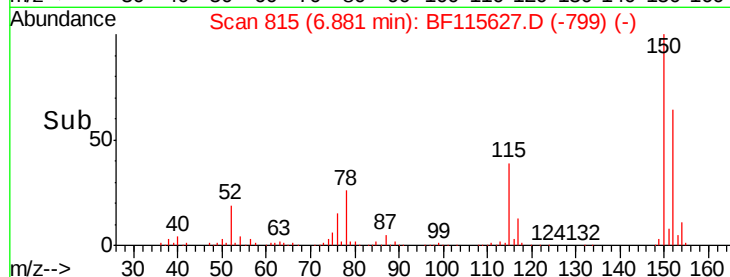
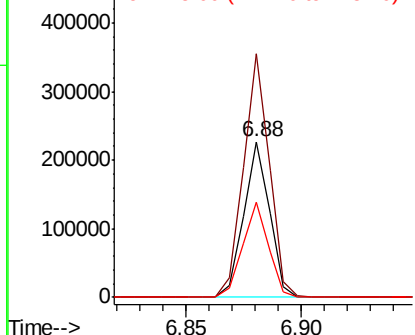
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115627.D
Acq: 17 Jul 2019 17:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)

Tgt Ion:152 Resp: 177918
Ion Ratio Lower Upper
152 100
150 156.3 129.7 194.5
115 61.2 48.2 72.4



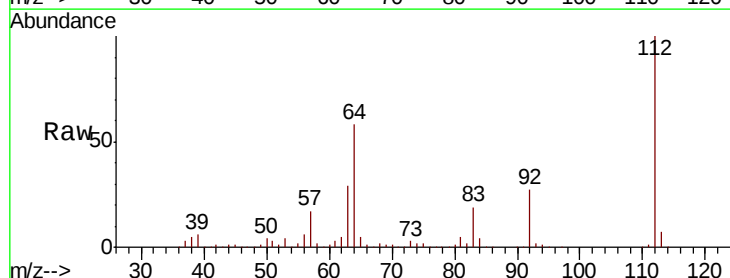
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



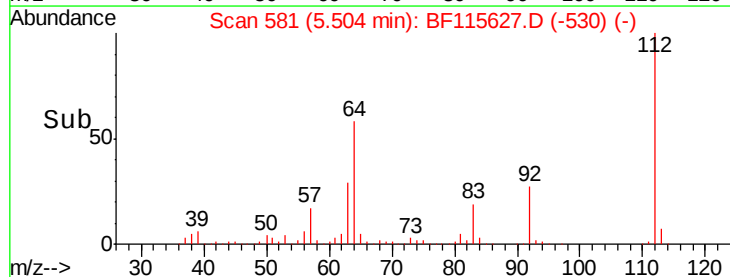
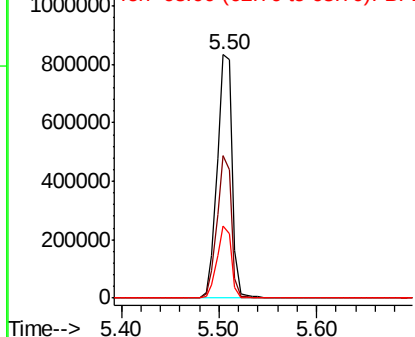
#5

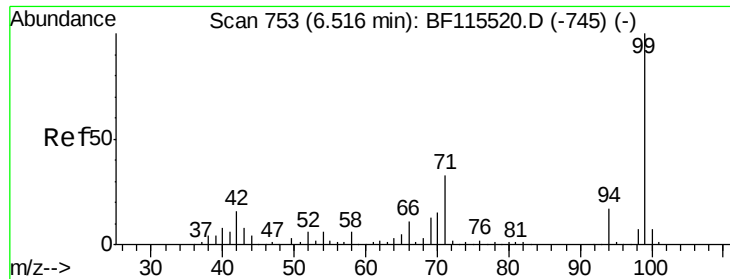
2-Fluorophenol
Concen: 81.540 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF115627.D
Acq: 17 Jul 2019 17:36

Tgt Ion:112 Resp: 886921
Ion Ratio Lower Upper
112 100
64 58.3 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: 83.059 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115627.D

Acq: 17 Jul 2019 17:36

Instrument :

BNA_F

ClientSampleId :

SB-10(0-2)

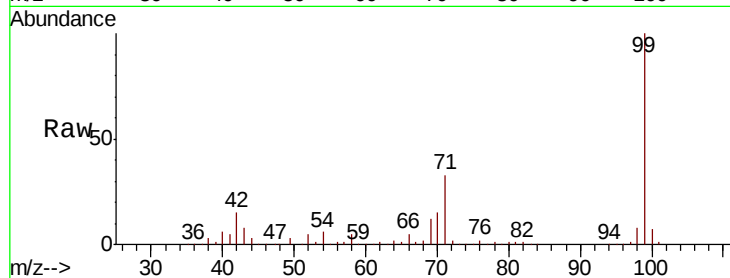
Tgt Ion: 99 Resp: 1146369

Ion Ratio Lower Upper

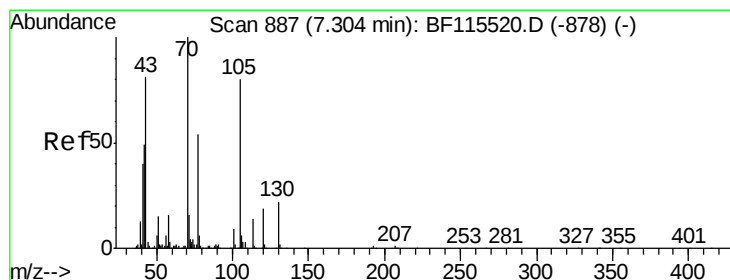
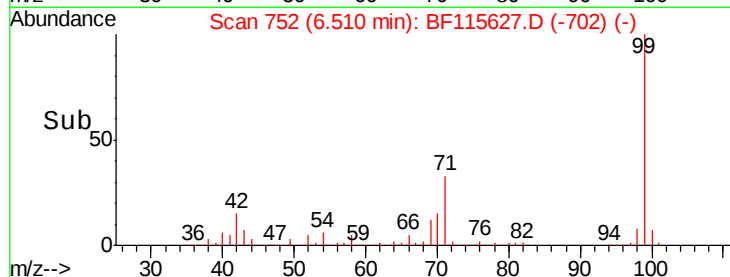
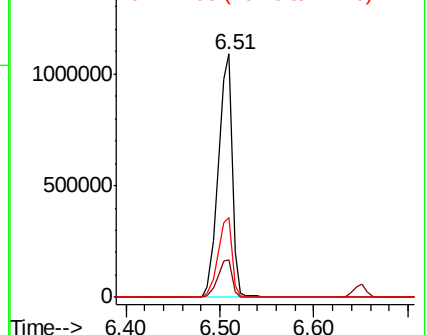
99 100

42 15.2 13.6 20.4

71 32.6 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: 10.317 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115627.D

Acq: 17 Jul 2019 17:36

Tgt Ion: 70 Resp: 92871

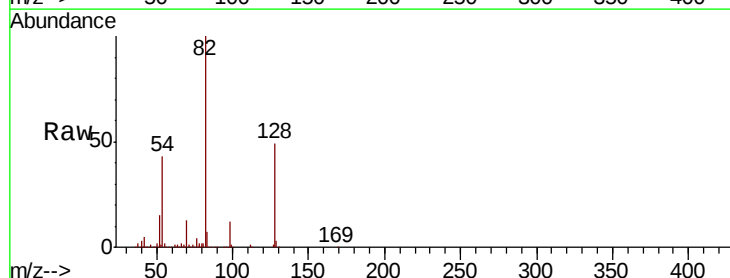
Ion Ratio Lower Upper

70 100

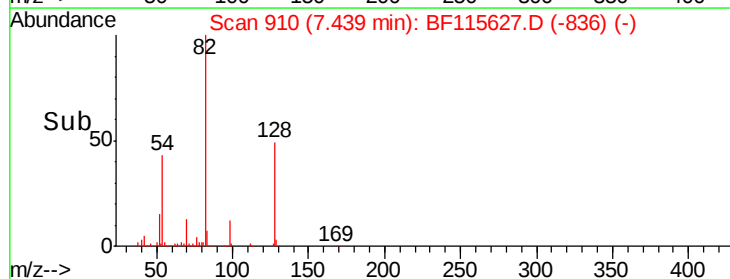
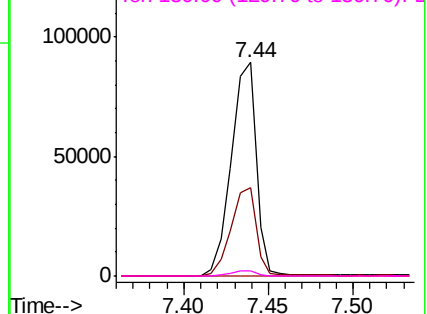
42 41.3 39.6 59.4

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): E
Ion 130.00 (129.70 to 130.70): E

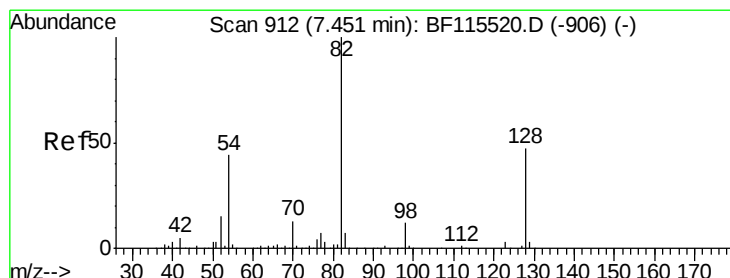
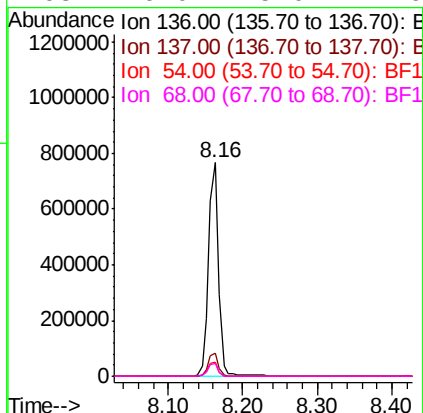
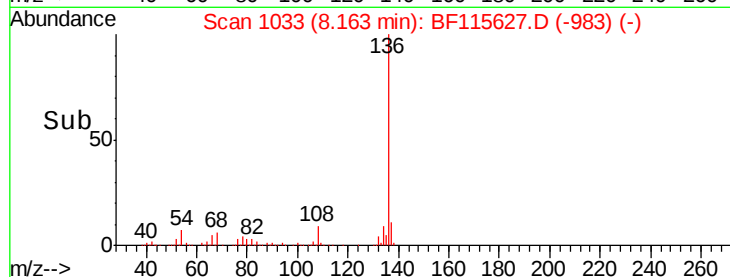
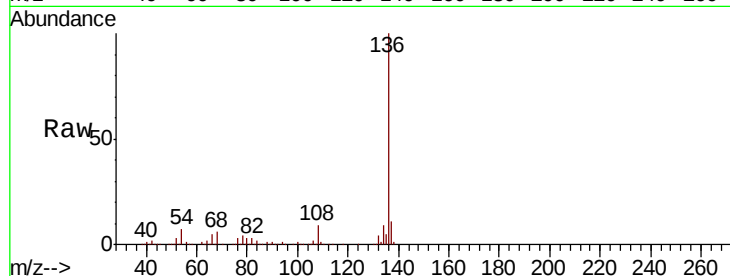




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115627.D
Acq: 17 Jul 2019 17:36

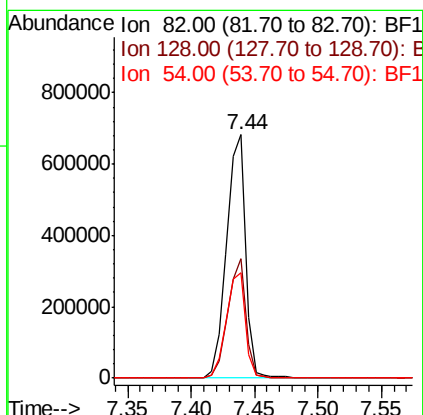
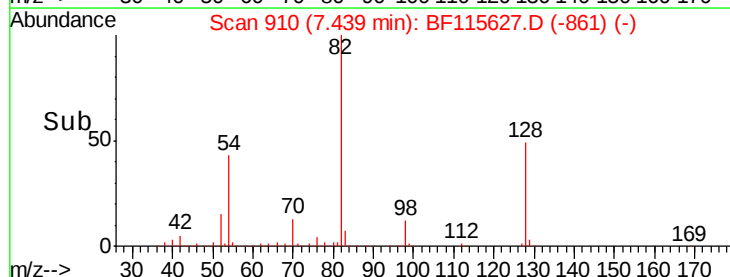
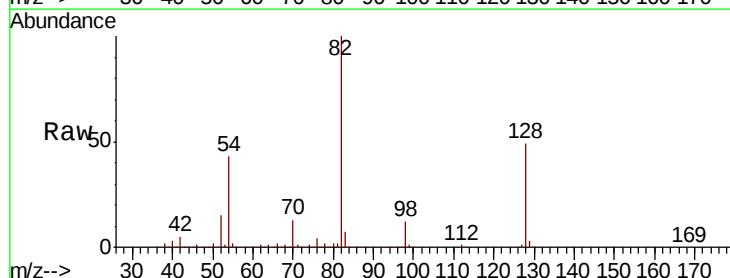
Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)

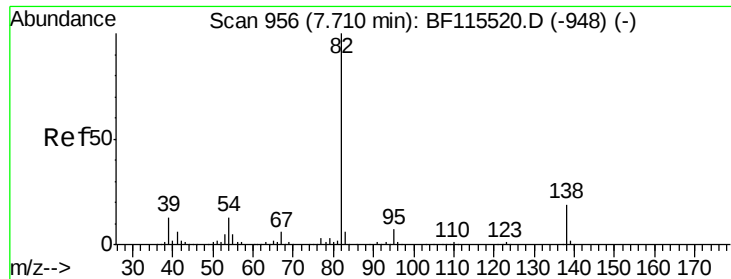
Tgt Ion:	136	Resp:	721692
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.7	5.6	8.4
68	6.0	5.0	7.6



#23
Nitrobenzene-d5
Concen: 57.156 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115627.D
Acq: 17 Jul 2019 17:36

Tgt Ion:	82	Resp:	709399
Ion	Ratio	Lower	Upper
82	100		
128	49.0	38.6	57.8
54	43.3	35.6	53.4

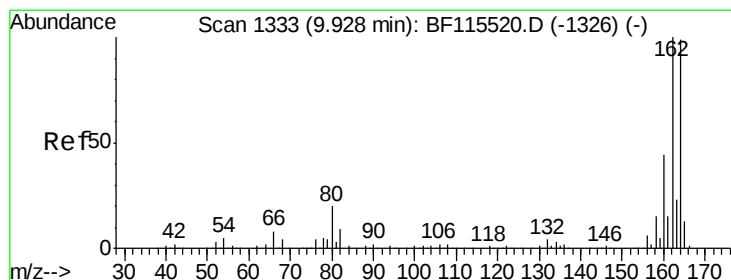
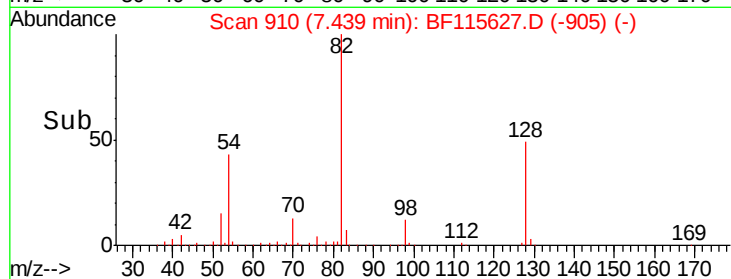
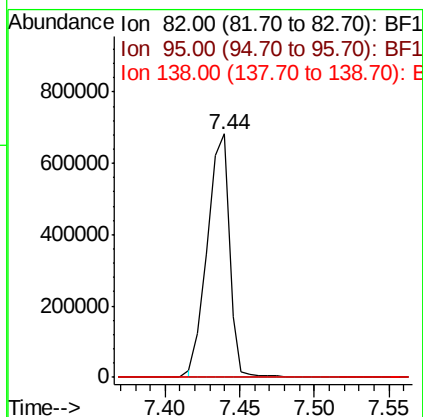
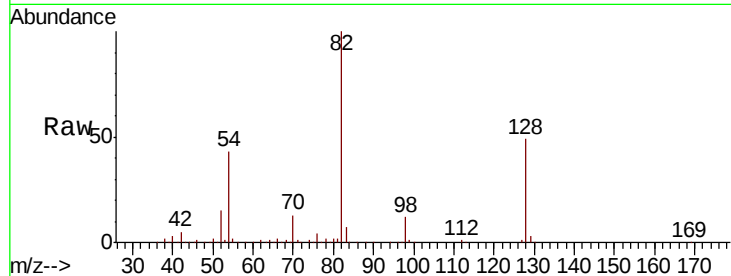




#25
Isophorone
Concen: 27.977 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115627.D
Acq: 17 Jul 2019 17:36

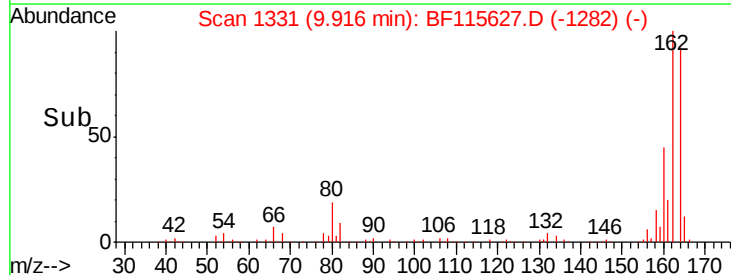
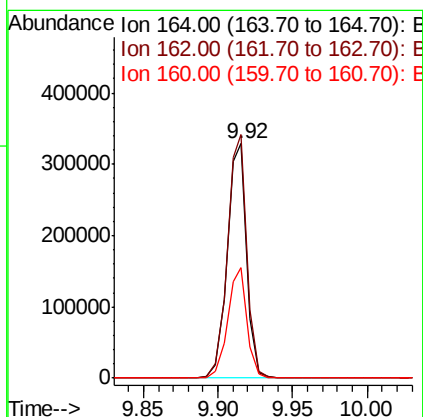
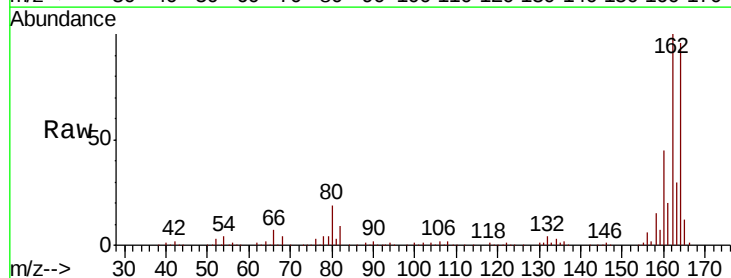
Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)

Tgt 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: BF115627.D
Acq: 17 Jul 2019 17:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.9	124.3
160	47.1	36.8	55.2

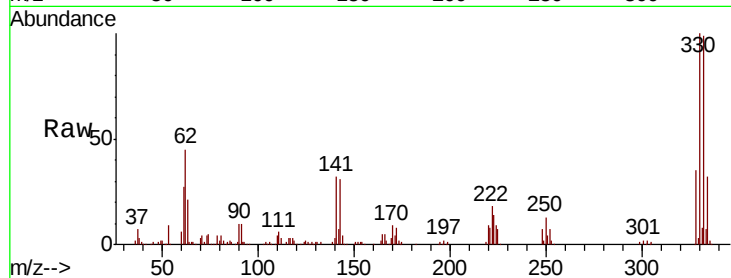




#42
 2,4,6-Tribromophenol
 Concen: 76.490 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115627.D
 Acq: 17 Jul 2019 17:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	30.9	22.4	33.6

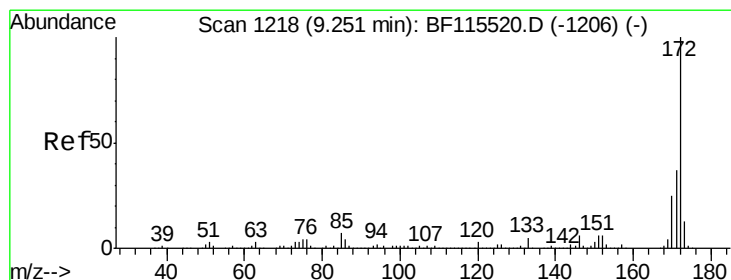
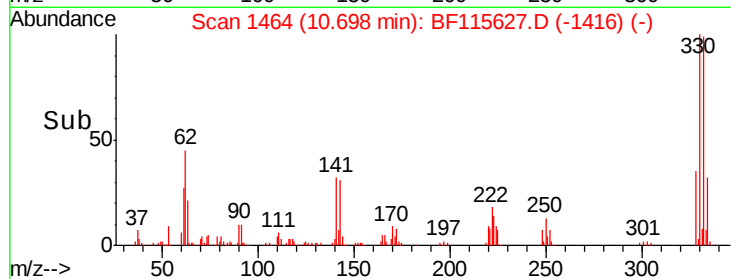
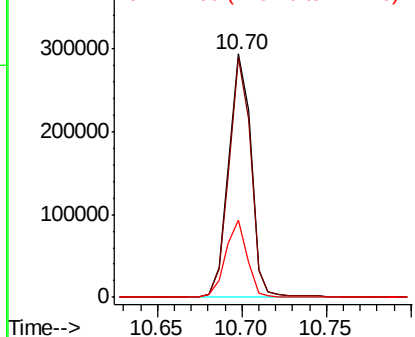


Abundance

Ion 329.80 (329.50 to 330.50): E

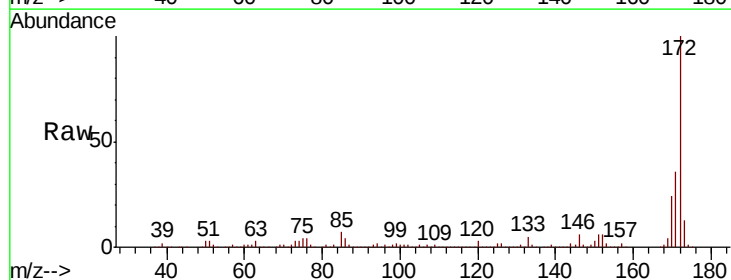
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.114 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115627.D
 Acq: 17 Jul 2019 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.6	46.0
170	24.1	20.5	30.7

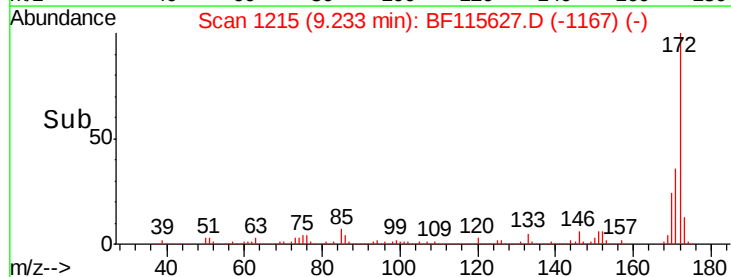
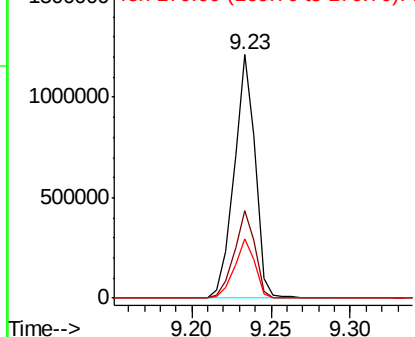


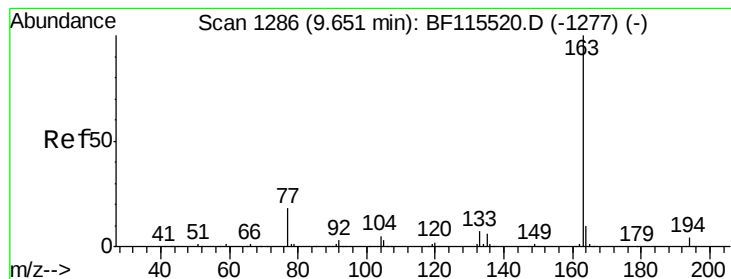
Abundance

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: 10.001 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF115627.D

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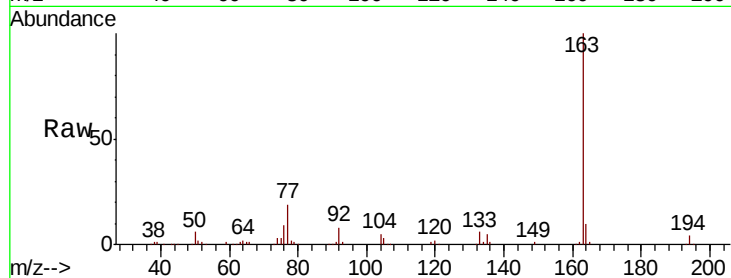
Tgt Ion:163 Resp: 228514

Ion Ratio Lower Upper

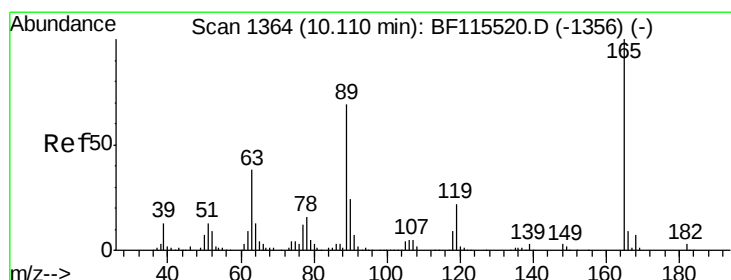
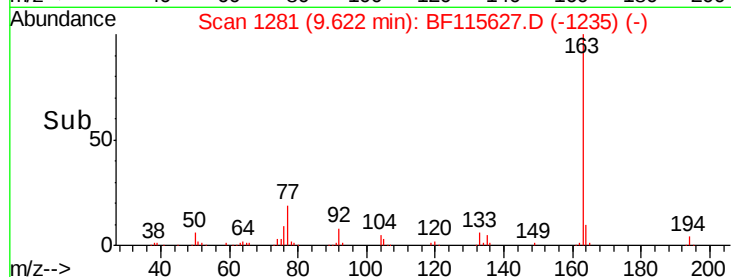
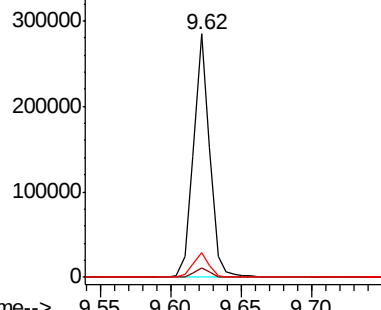
163 100

194 3.8 3.3 4.9

164 10.1 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



#57

2,4-Dinitrotoluene

Concen: 5.751 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF115627.D

Acq: 17 Jul 2019 17:36

Tgt Ion:165 Resp: 38688

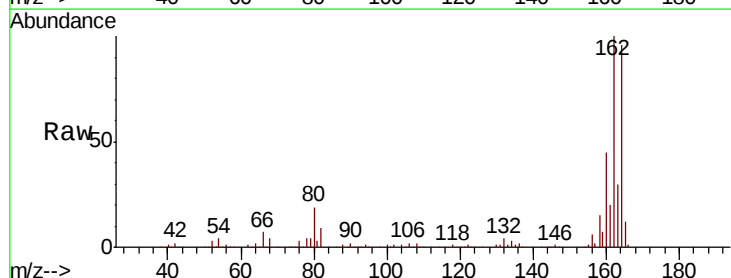
Ion Ratio Lower Upper

165 100

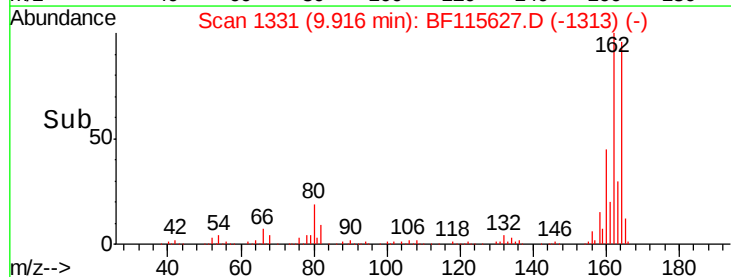
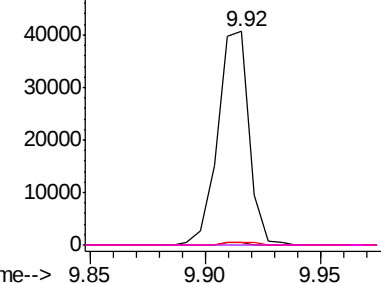
63 1.3 34.9 52.3#

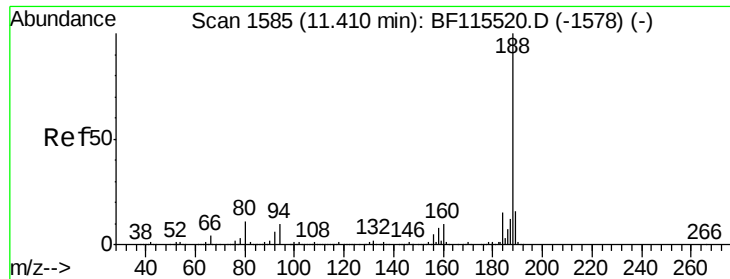
89 1.3 57.5 86.3#

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# 1583

Delta R.T. -0.01 min

Lab File: BF115627.D

Acq: 17 Jul 2019 17:36

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SB-10(0-2)

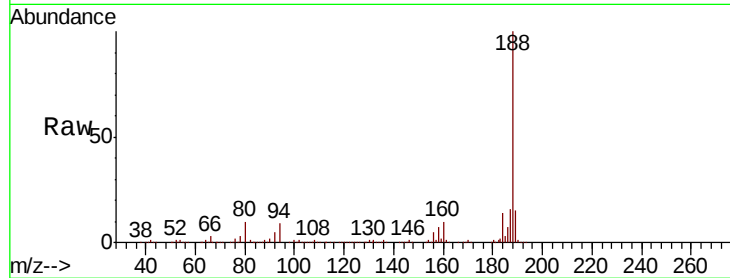
Tgt Ion:188 Resp: 549958

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

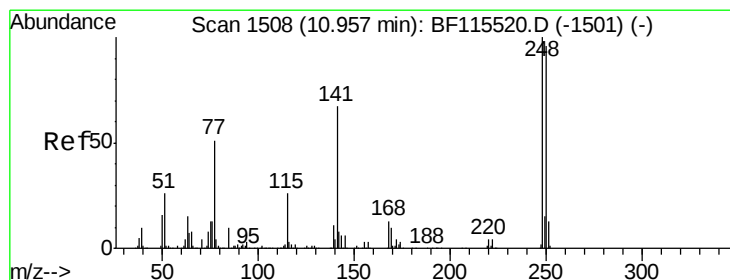
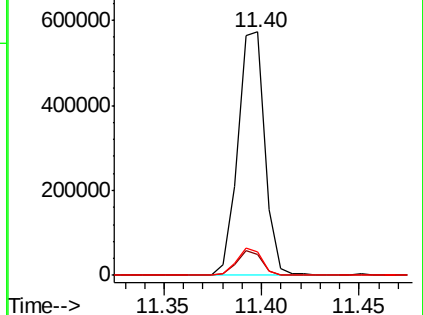
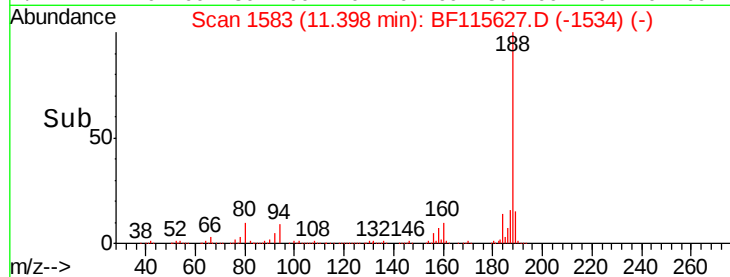
80 9.6 8.6 13.0



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



#67

4-Bromophenyl-phenylether

Concen: 2.710 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.26 min

Lab File: BF115627.D

Acq: 17 Jul 2019 17:36

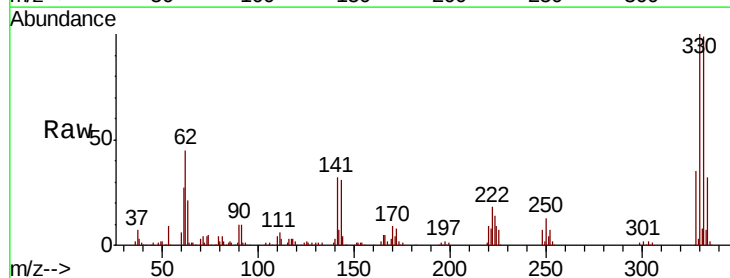
Tgt Ion:248 Resp: 17032

Ion Ratio Lower Upper

248 100

250 197.6 78.0 117.0#

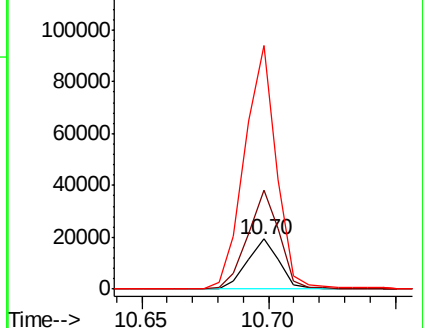
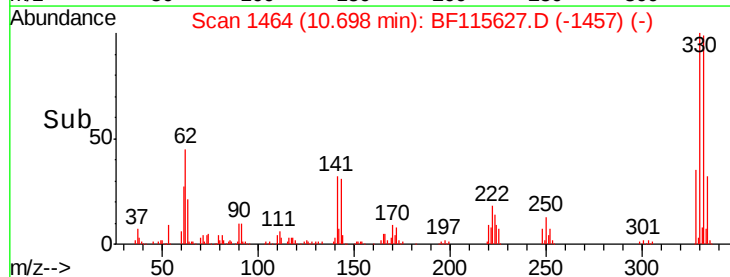
141 485.7 57.7 86.5#

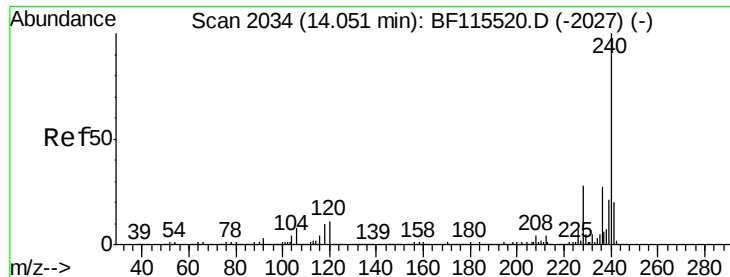


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

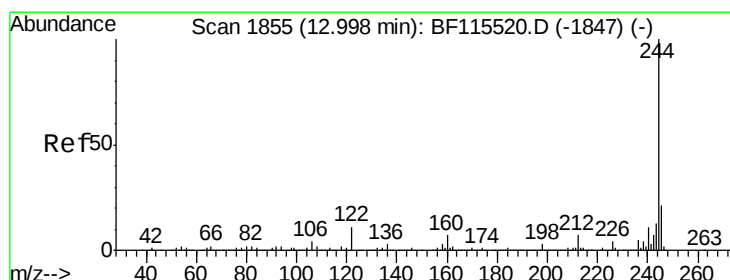
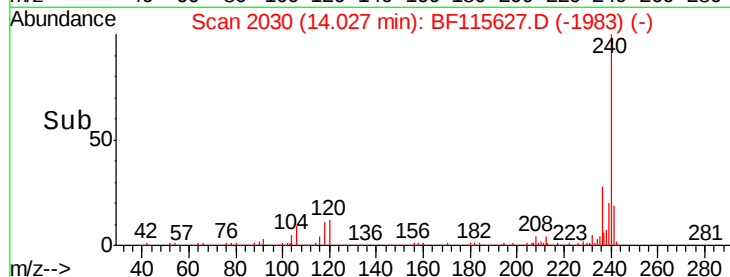
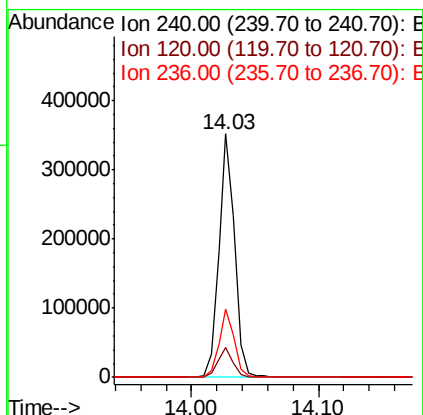
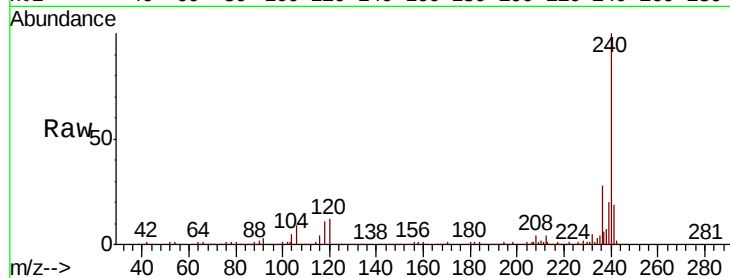




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF115627.D
Acq: 17 Jul 2019 17:36

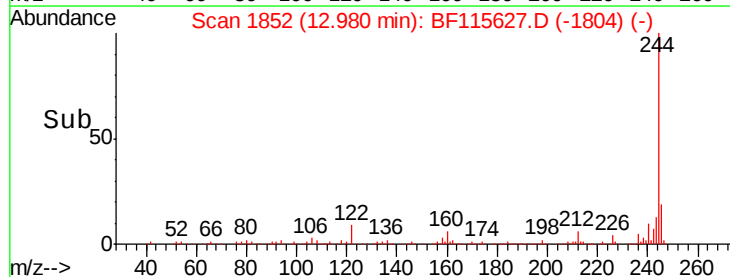
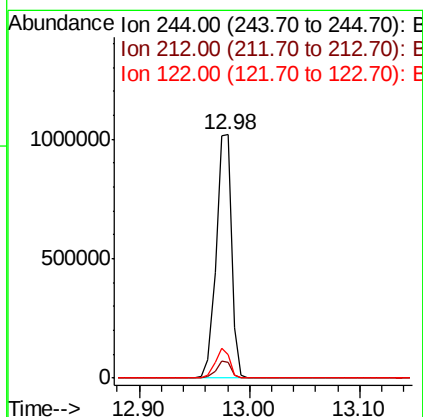
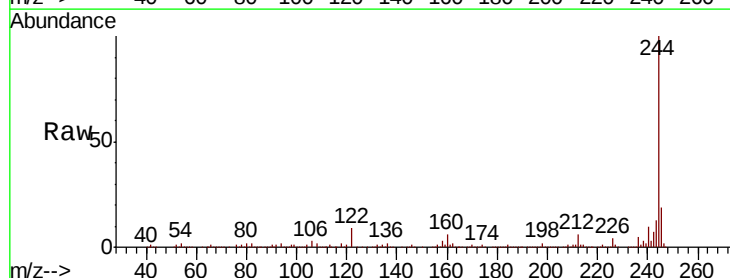
Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)

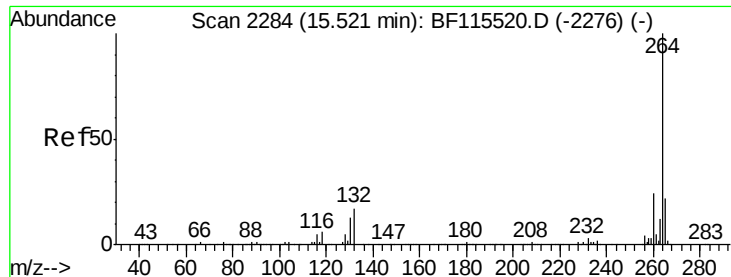
Tgt Ion:240 Resp: 306780
Ion Ratio Lower Upper
240 100
120 12.3 8.6 13.0
236 27.8 21.3 31.9



#79
Terphenyl-d14
Concen: 59.334 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115627.D
Acq: 17 Jul 2019 17:36

Tgt Ion:244 Resp: 986488
Ion Ratio Lower Upper
244 100
212 6.5 6.0 9.0
122 9.4 8.6 12.8



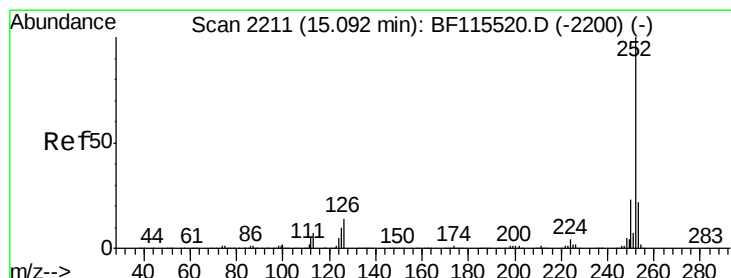
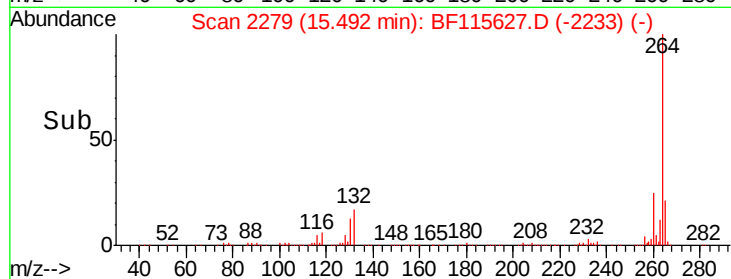
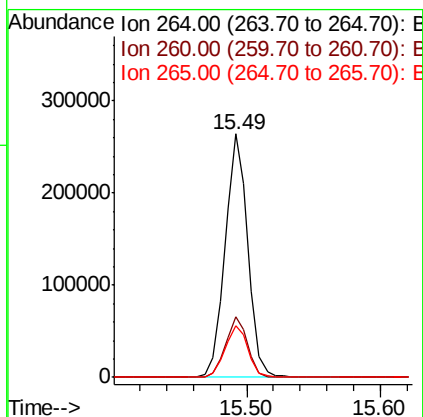
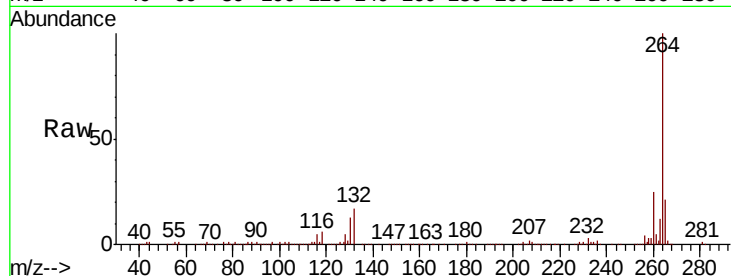


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.03 min
Lab File: BF115627.D
Acq: 17 Jul 2019 17:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)

Tgt Ion:264 Resp: 316318

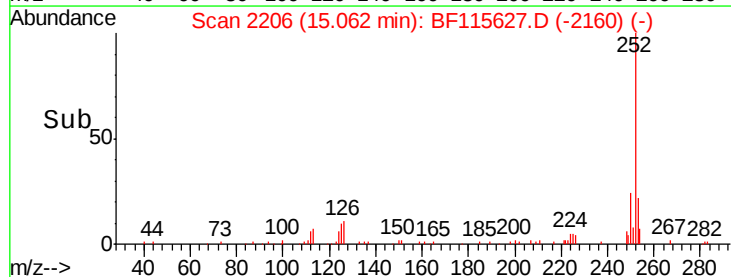
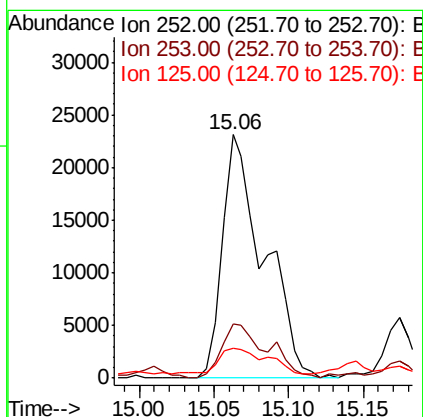
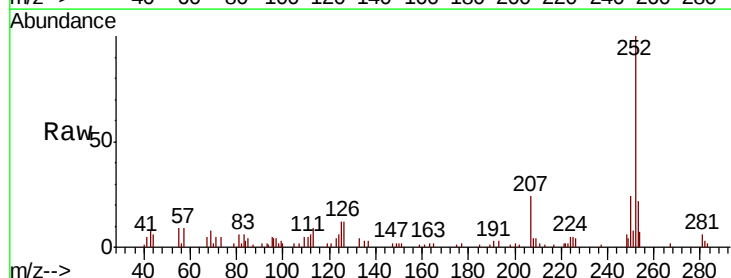
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.4	17.7	26.5

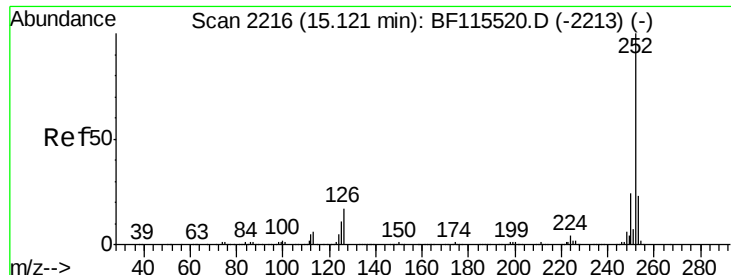


#88
Benzo(b)fluoranthene
Concen: 2.202 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BF115627.D
Acq: 17 Jul 2019 17:36

Tgt Ion:252 Resp: 44846

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.0	9.0	13.4





#89
 Benzo(k)fluoranthene
 Concen: 2.470 ng
 RT: 15.06 min Scan# 2206
 Delta R.T. -0.06 min
 Lab File: BF115627.D
 Acq: 17 Jul 2019 17:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-2)

Tgt Ion: 252 Resp: 44846
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.6 28.0
 125 12.0 9.0 13.6

