

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114619.D
 Acq On : 25 May 2019 22:00
 Operator : JU/SJ
 Sample : PB119929BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 23:48:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

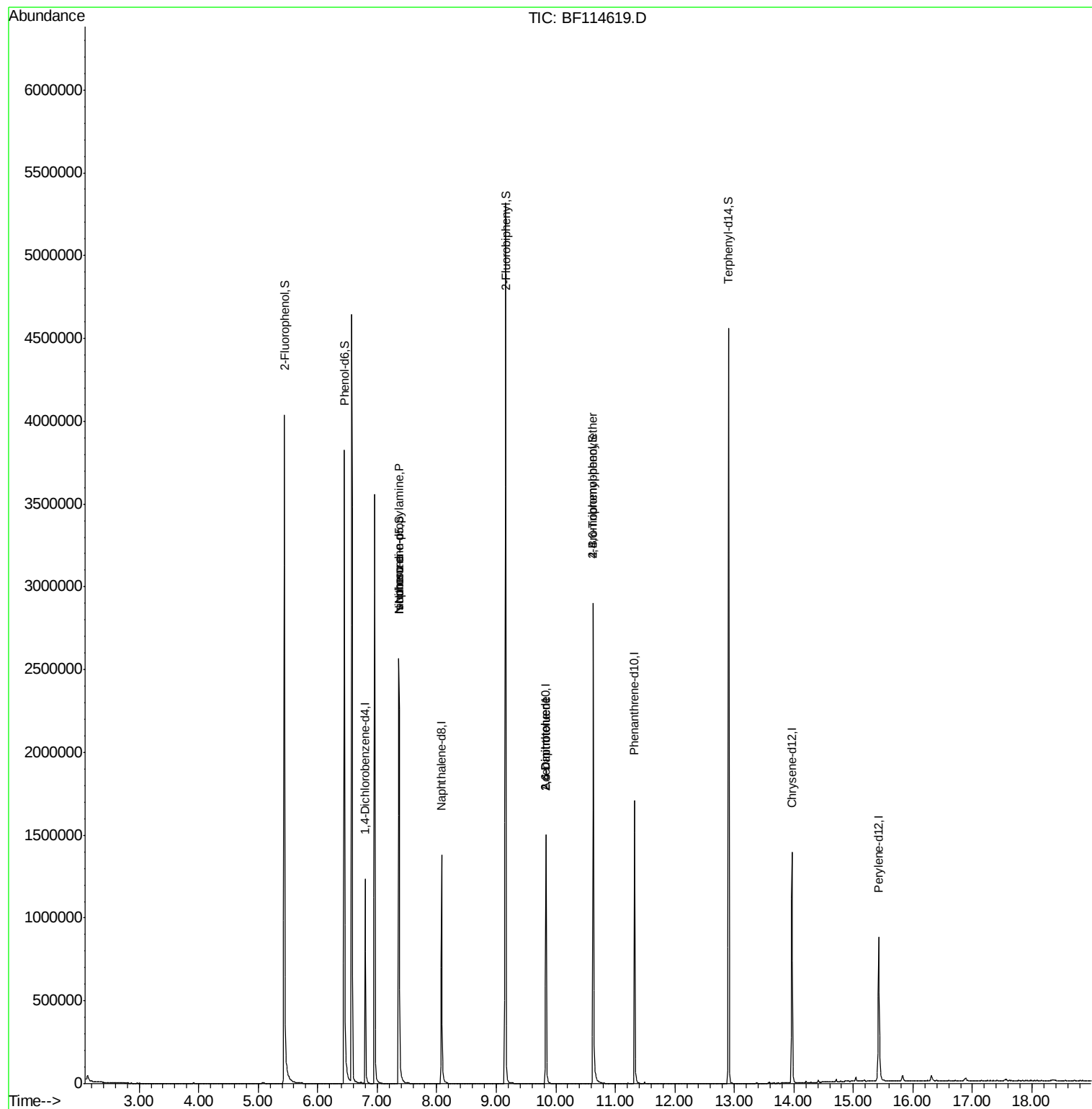
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	185006	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	706871	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	340128	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	683479	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	495400	20.00	ng	-0.02
87) Perylene-d12	15.42	264	474891	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1214434	105.64	ng	0.00
7) Phenol-d6	6.45	99	1585498	116.61	ng	-0.01
23) Nitrobenzene-d5	7.36	82	971258	77.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	368633	104.83	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1761528	78.34	ng	-0.02
79) Terphenyl-d14	12.91	244	1732488	72.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	128072	14.860	ng	# 75
25) Isophorone	7.36	82	971253	41.578	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	42729	7.716	ng	# 22
57) 2,4-Dinitrotoluene	9.83	165	42730	5.685	ng	# 25
67) 4-Bromophenyl-phenylether	10.63	248	23595	3.135	ng	# 1

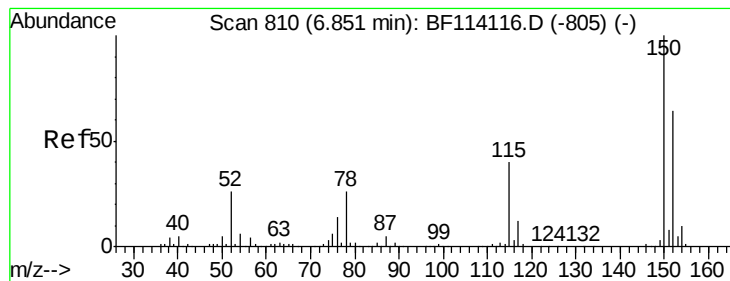
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

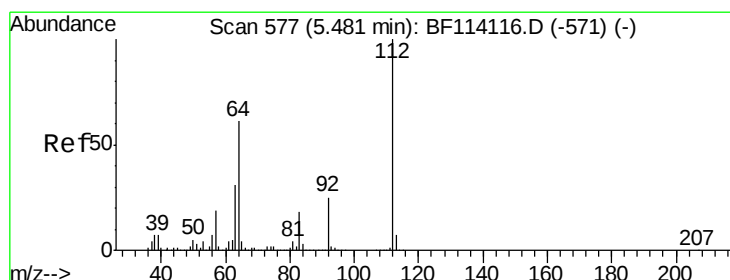
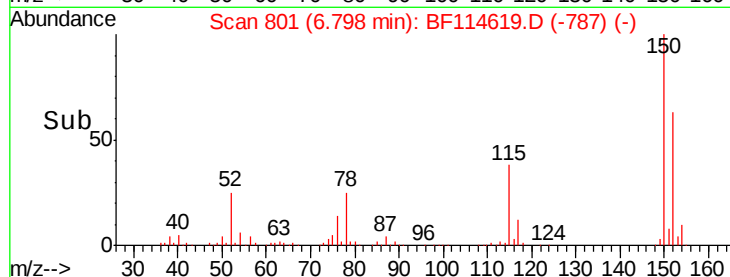
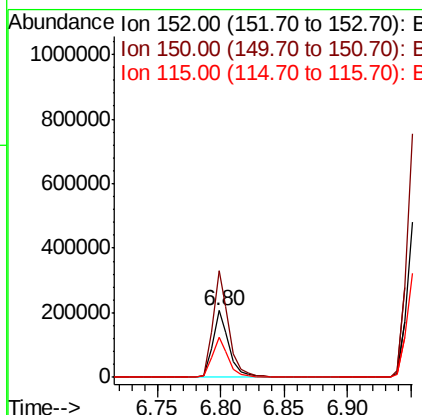
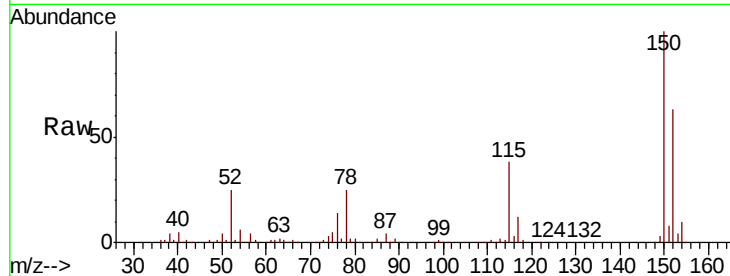




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF114619.D
 Acq: 25 May 2019 22:00

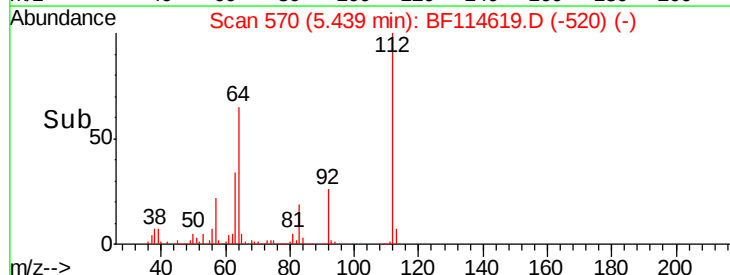
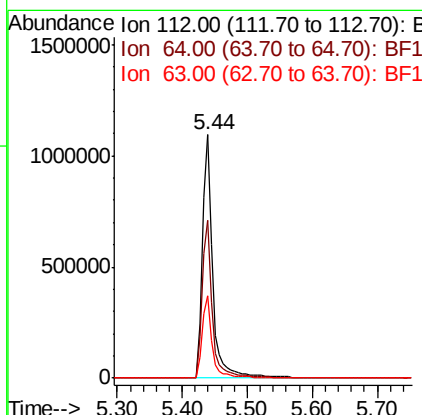
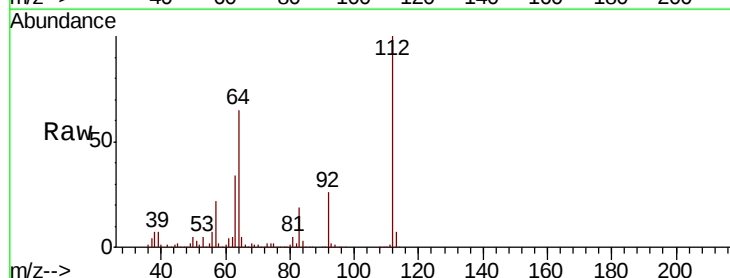
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.3	186.5
115	61.2	49.1	73.7



#5
 2-Fluorophenol
 Concen: 105.637 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF114619.D
 Acq: 25 May 2019 22:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	49.0	73.6
63	33.7	24.6	37.0





#7

Phenol-d6

Concen: 116.606 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Instrument :

BNA_F

ClientSampleId :

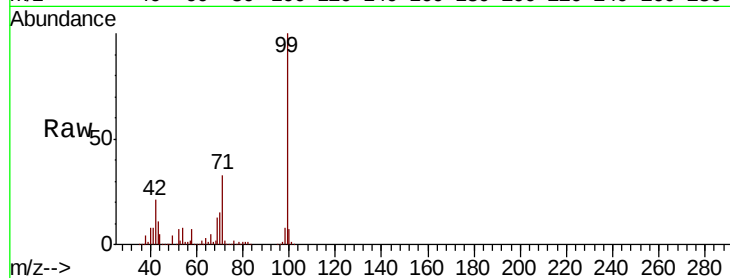
Tot Ion: 99 Resp: 1585498

Ion Ratio Lower Upper

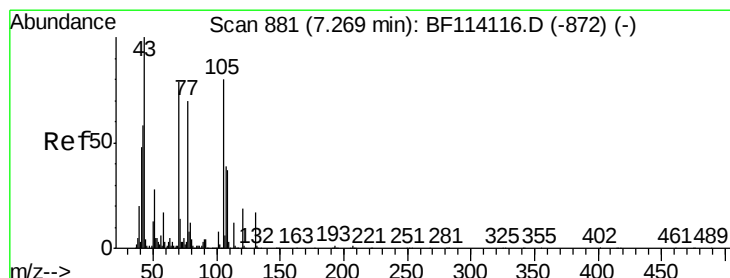
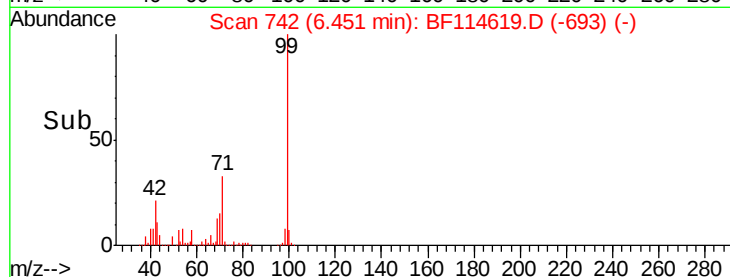
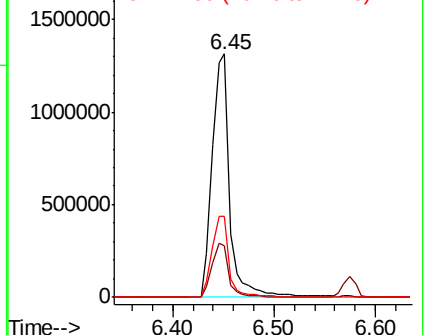
99 100

42 21.4 17.9 26.9

71 33.5 26.2 39.2



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: 14.860 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.13 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Tgt Ion: 70 Resp: 128072

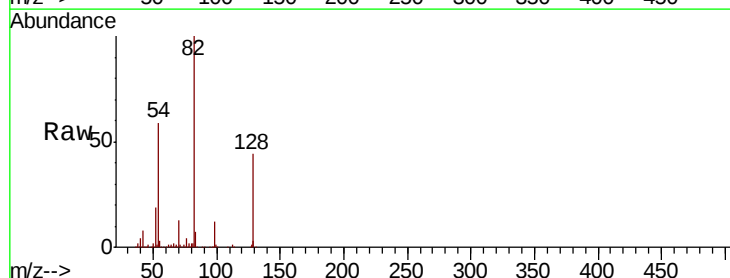
Ion Ratio Lower Upper

70 100

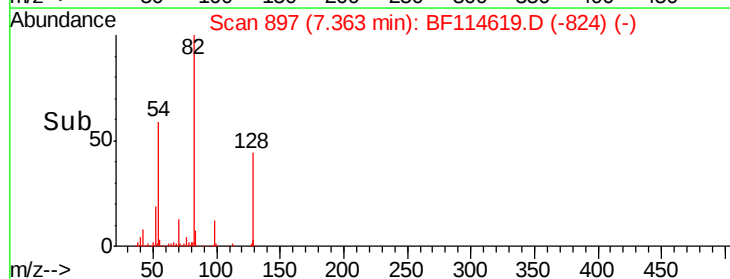
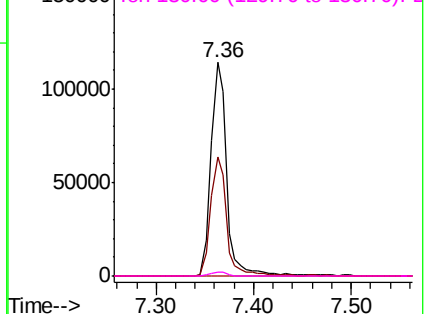
42 55.9 58.6 87.8#

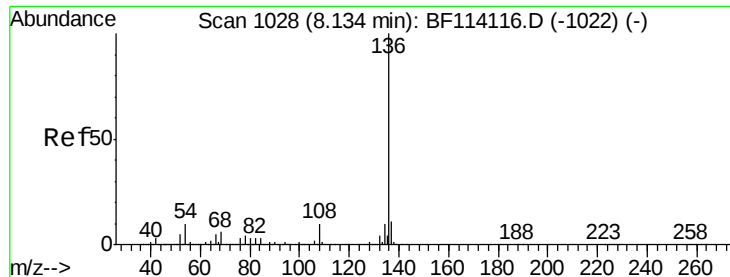
101 0.0 7.8 11.8#

130 2.0 17.1 25.7#



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

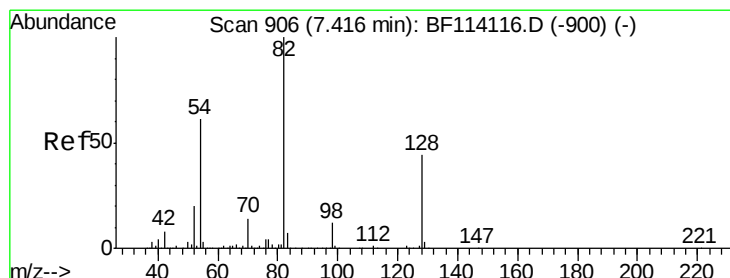
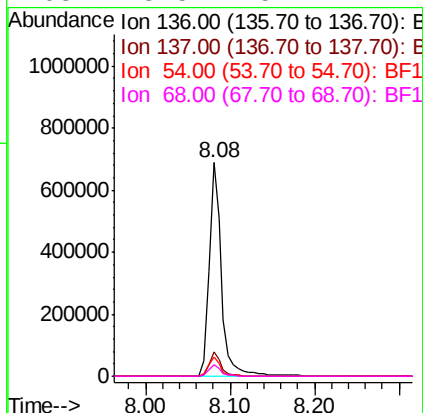
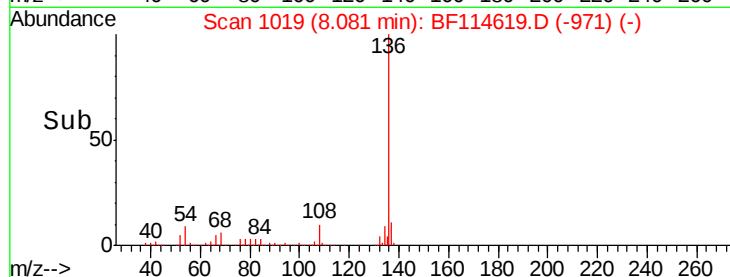
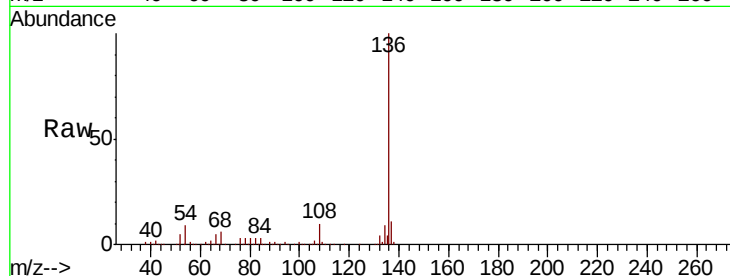




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114619.D
Acq: 25 May 2019 22:00

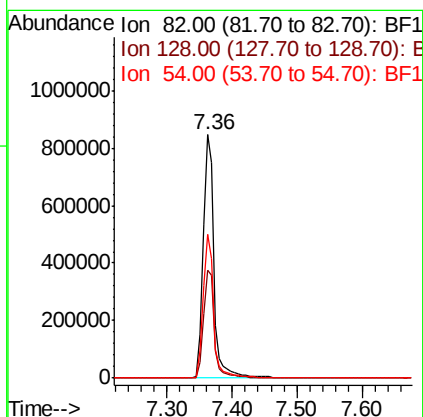
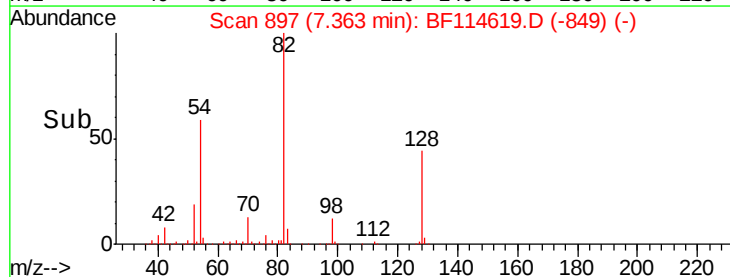
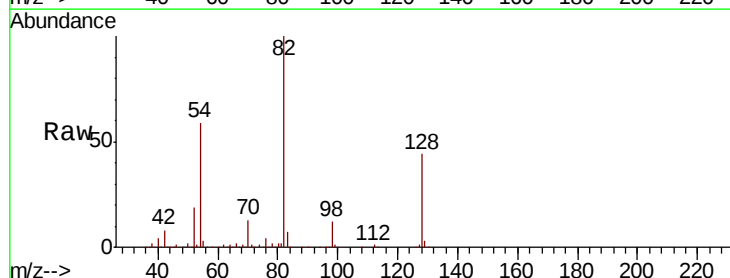
Instrument :
BNA_F
ClientSampleId :

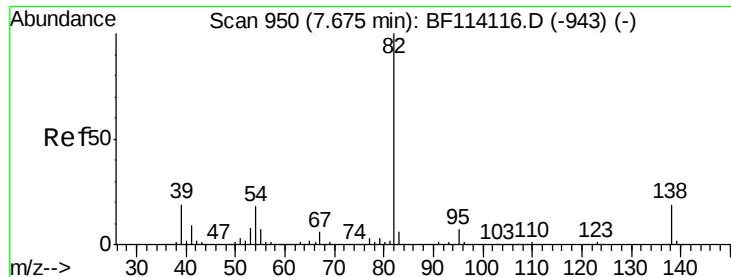
Tot Ion:136	Resp:	706871
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	9.3	7.8 11.8
68	5.5	5.1 7.7



#23
Nitrobenzene-d5
Concen: 77.110 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF114619.D
Acq: 25 May 2019 22:00

Tgt Ion: 82	Resp:	971258
Ion Ratio	Lower	Upper
82	100	
128	44.3	35.5 53.3
54	59.2	48.5 72.7

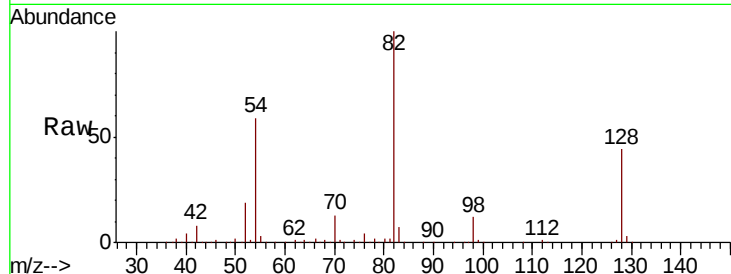




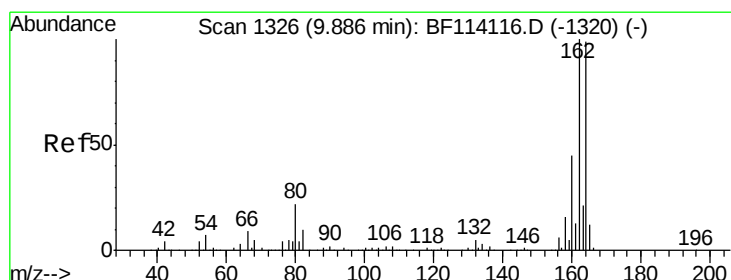
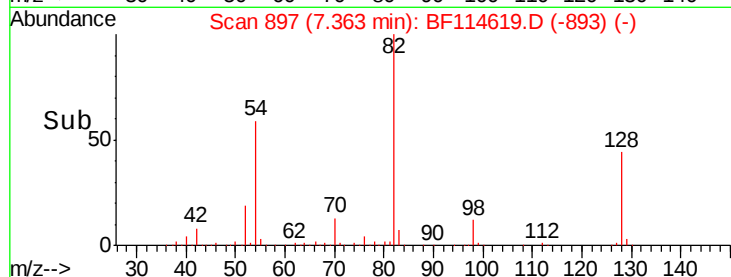
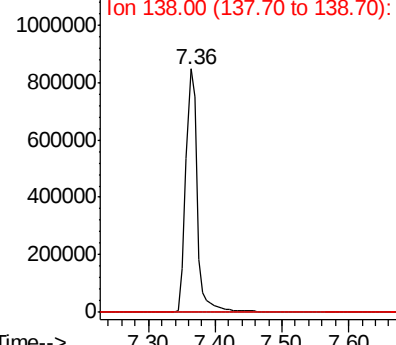
#25
Isophorone
Concen: 41.578 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.28 min
Lab File: BF114619.D
Acq: 25 May 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 971253
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

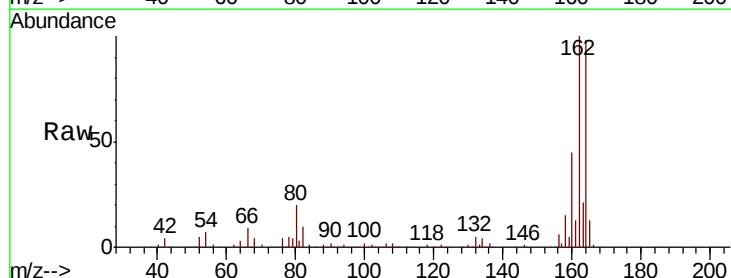


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

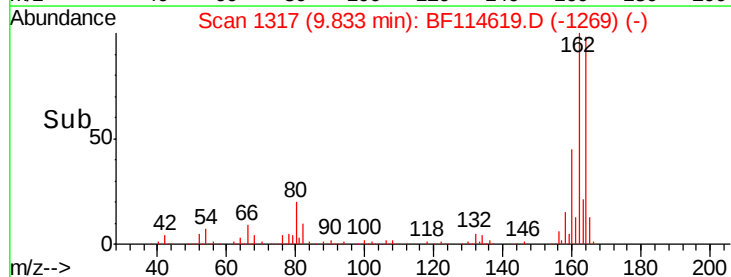
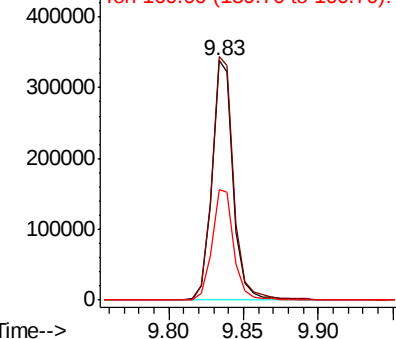


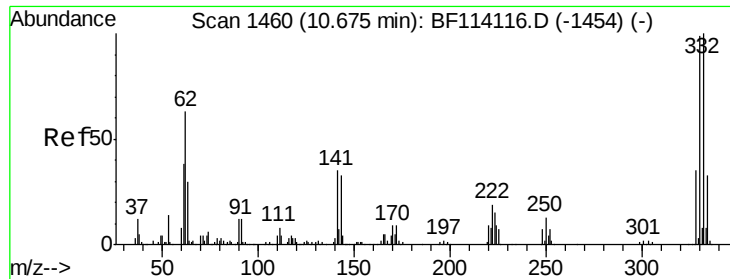
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF114619.D
Acq: 25 May 2019 22:00

Tgt Ion:164 Resp: 340128
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 46.1 36.5 54.7



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

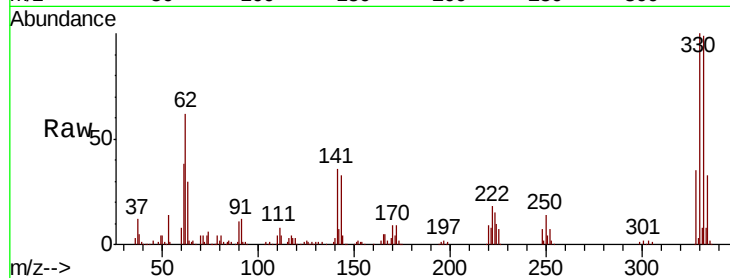




#42
 2,4,6-Tribromophenol
 Concen: 104.834 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF114619.D
 Acq: 25 May 2019 22:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.6	81.4	122.2
141	33.7	26.6	40.0

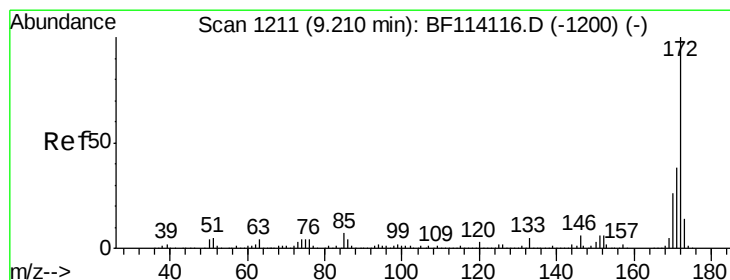
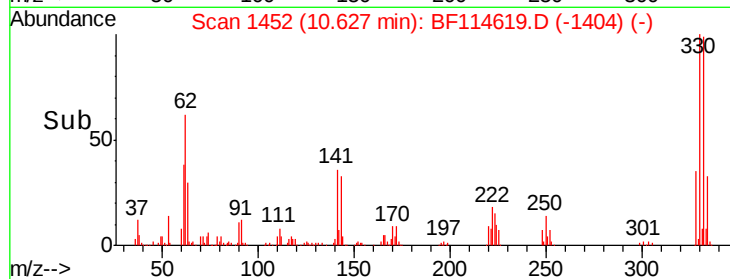
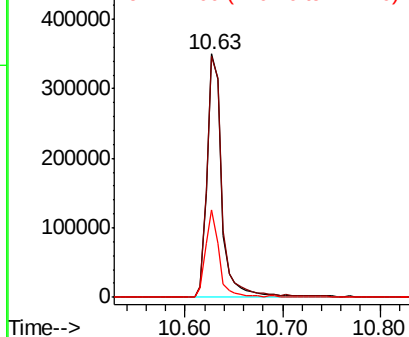


Abundance

Ion 329.80 (329.50 to 330.50): E

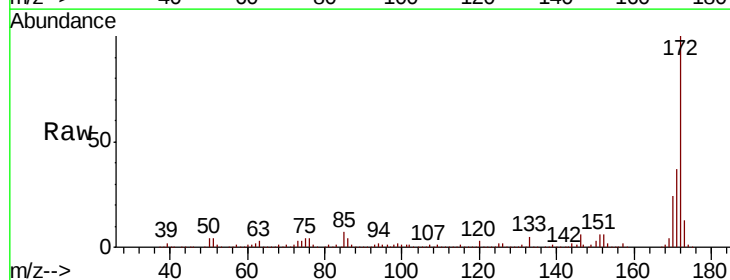
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.341 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114619.D
 Acq: 25 May 2019 22:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.0	20.5	30.7

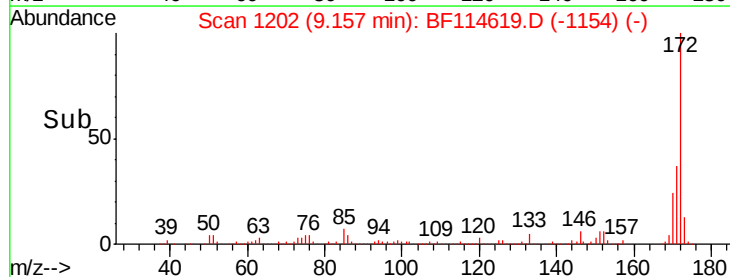
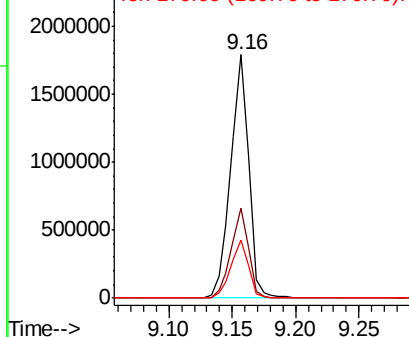


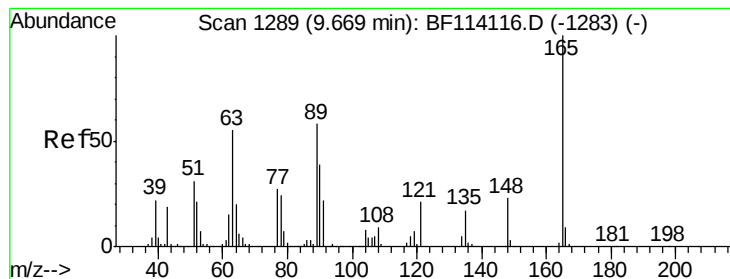
Abundance

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





#51

2,6-Dinitrotoluene

Concen: 7.716 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.19 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Instrument :

BNA_F

ClientSampleId :

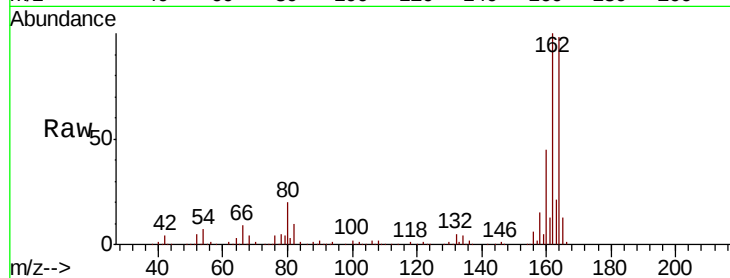
Tot Ion:165 Resp: 42729

Ion Ratio Lower Upper

165 100

63 0.8 50.2 75.4#

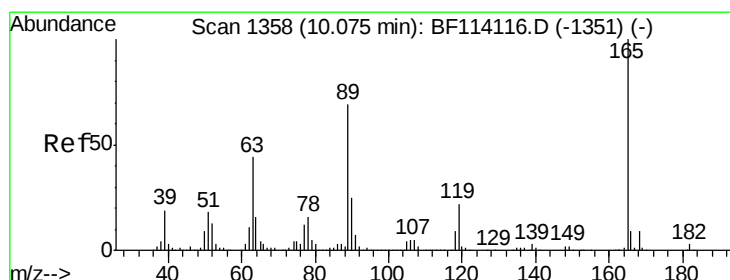
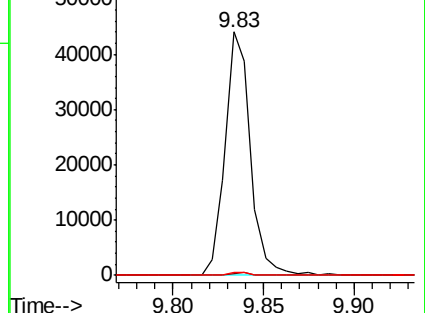
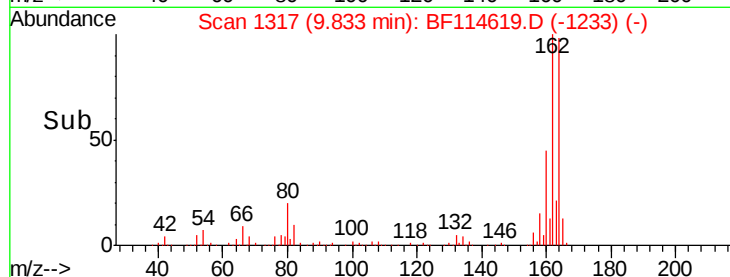
89 1.0 46.6 69.8#



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: 5.685 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.22 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Tgt Ion:165 Resp: 42730

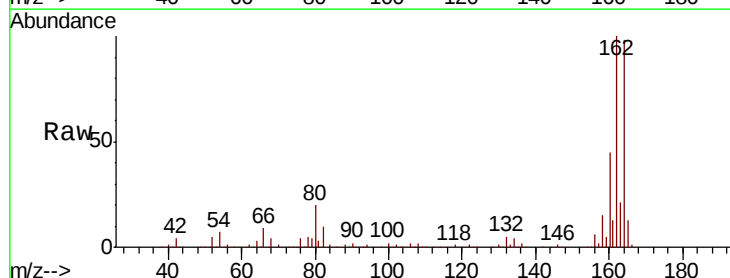
Ion Ratio Lower Upper

165 100

63 0.8 35.5 53.3#

89 1.0 55.2 82.8#

182 0.0 2.2 3.2#

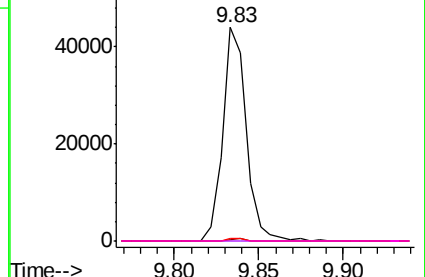
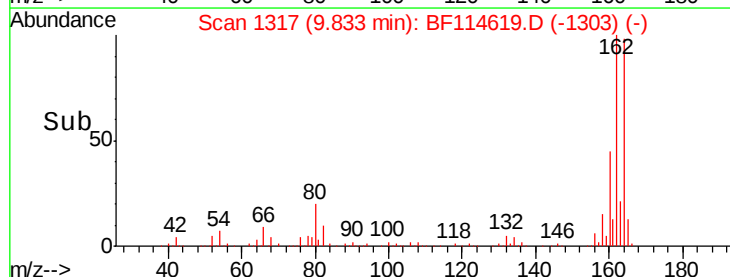


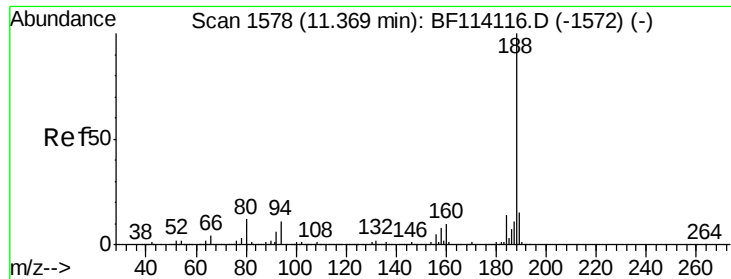
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Instrument :

BNA_F

ClientSampleId :

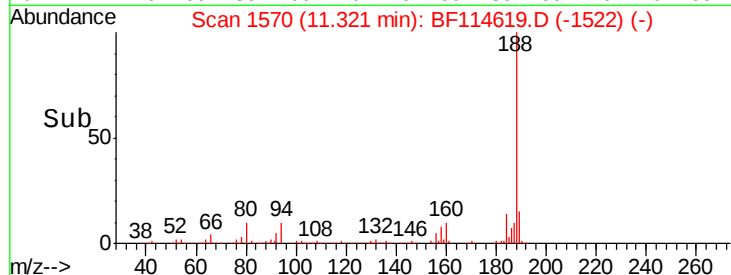
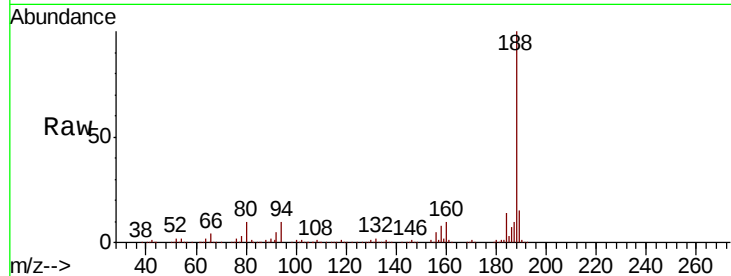
Tot Ion:188 Resp: 683479

Ion Ratio Lower Upper

188 100

94 10.0 8.4 12.6

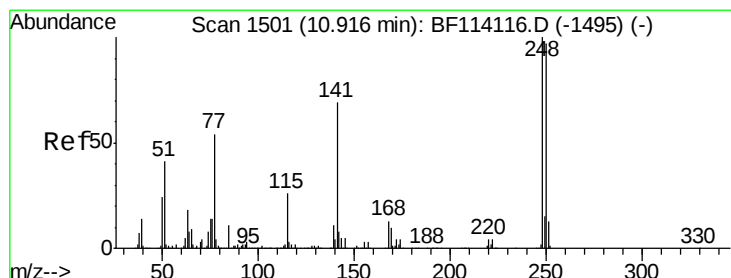
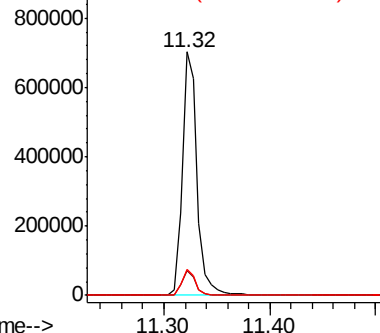
80 10.5 9.2 13.8



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: 3.135 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.25 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

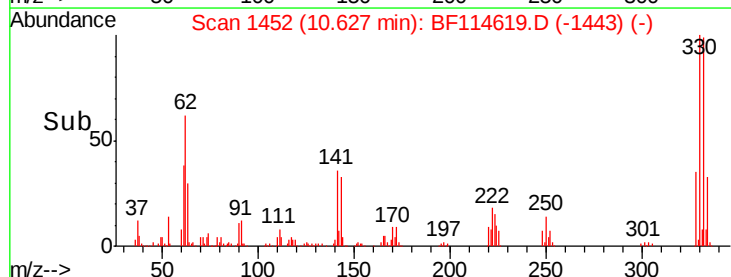
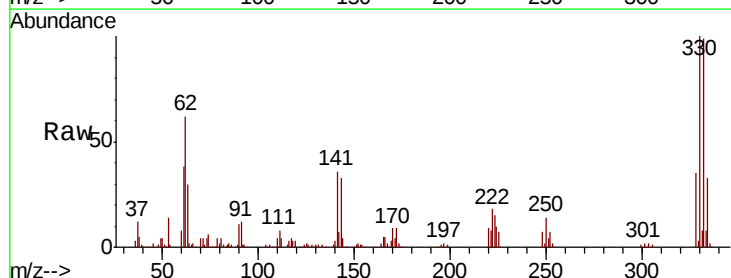
Tgt Ion:248 Resp: 23595

Ion Ratio Lower Upper

248 100

250 201.6 77.4 116.2#

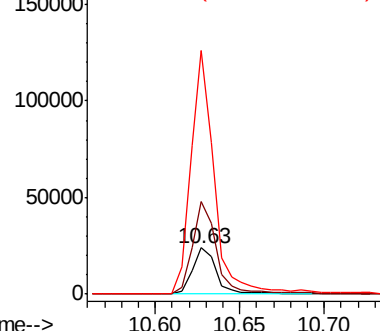
141 530.8 55.6 83.4#

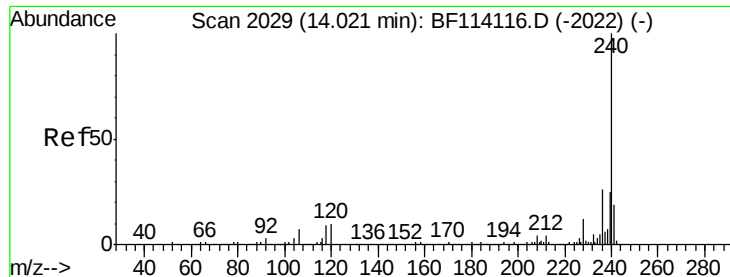


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

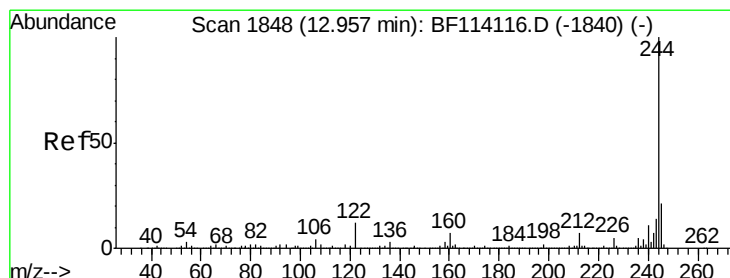
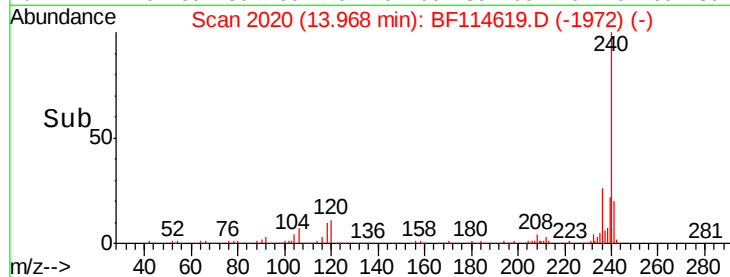
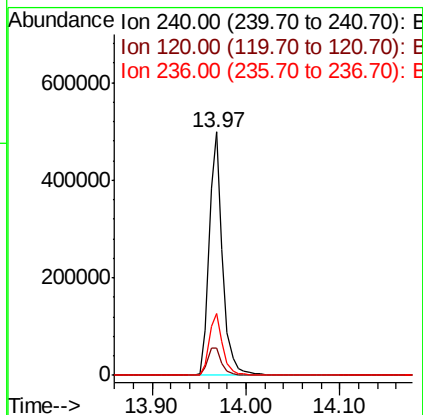
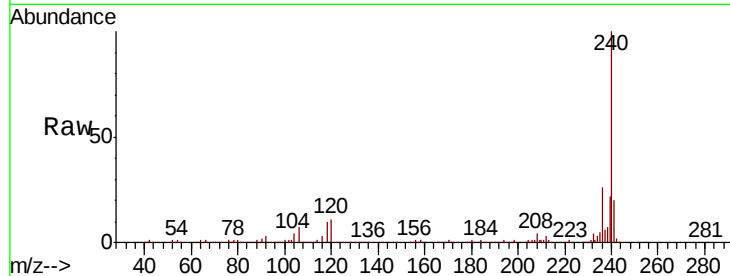




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114619.D
 Acq: 25 May 2019 22:00

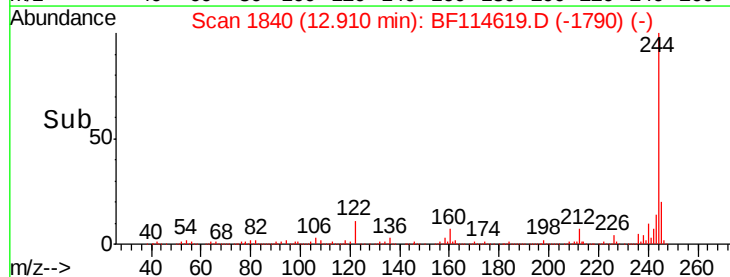
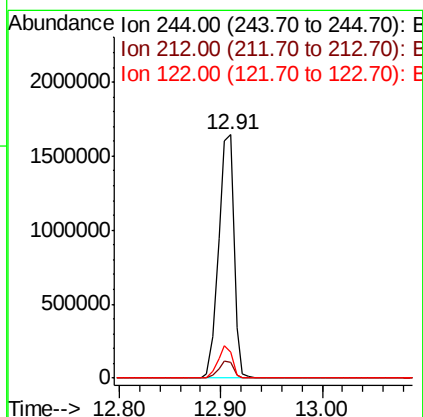
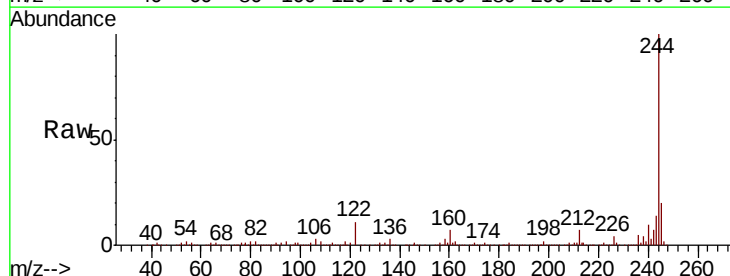
Instrument :
 BNA_F
 ClientSampleId :

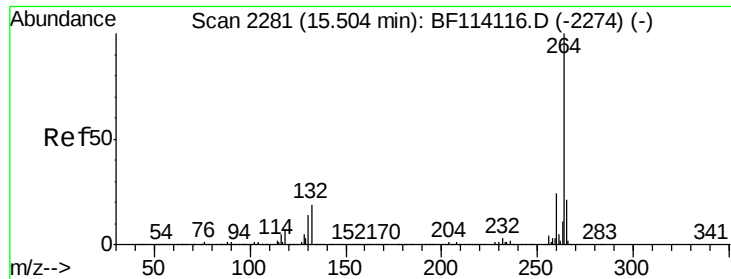
Tot Ion:240 Resp: 495400
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.3 12.5
 236 25.6 20.8 31.2



#79
 Terphenyl-d14
 Concen: 72.091 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF114619.D
 Acq: 25 May 2019 22:00

Tgt Ion:244 Resp: 1732488
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 10.5 9.4 14.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.03 min
 Lab File: BF114619.D
 Acq: 25 May 2019 22:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 474891
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 21.8 16.9 25.3

