

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116822.D
 Acq On : 4 Sep 2019 18:15
 Operator : HP/JU
 Sample : K4653-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 02:08:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

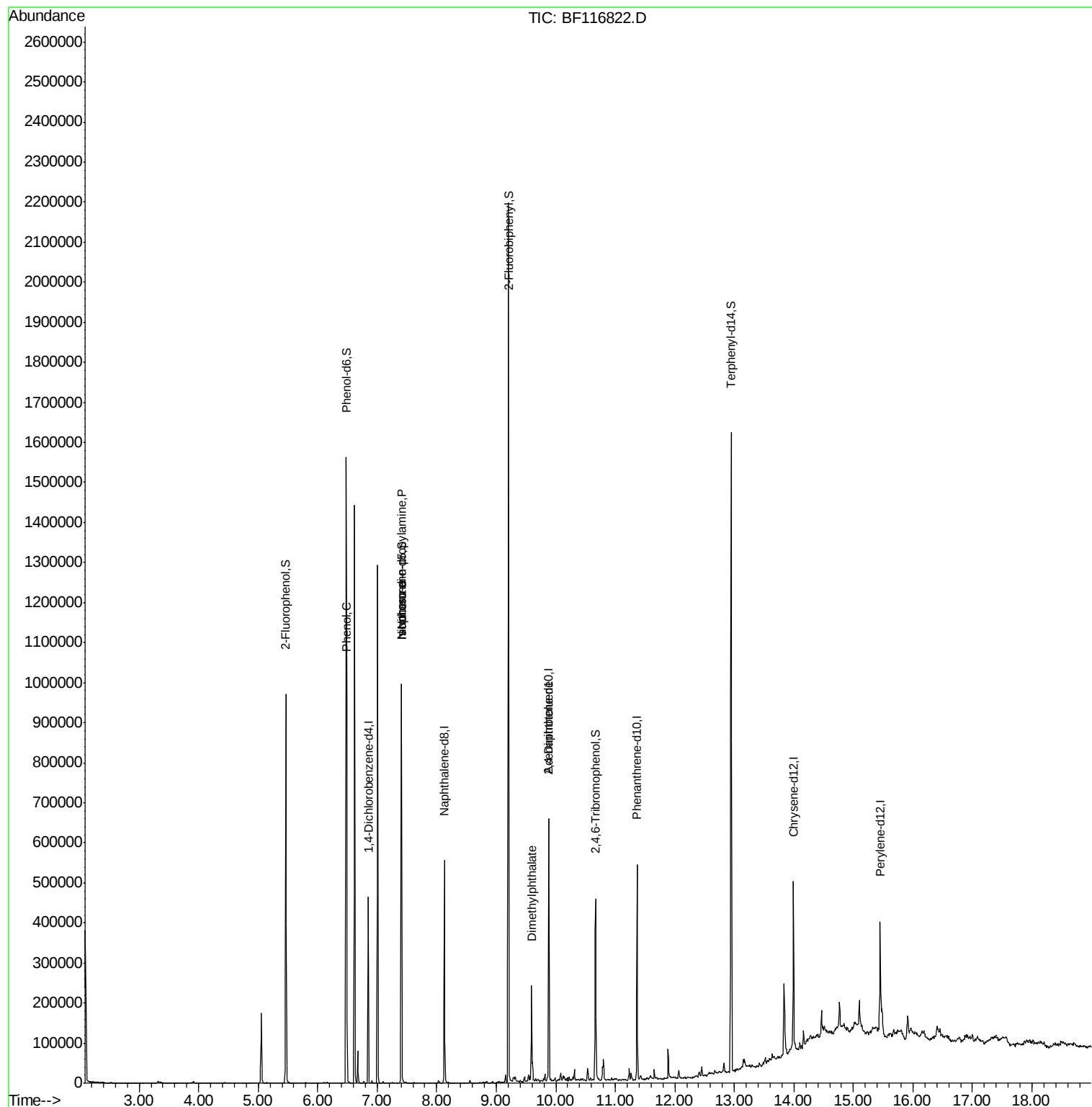
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	64119	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	253896	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	126285	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	184065	20.00	ng	0.00
76) Chrysene-d12	14.00	240	132060	20.00	ng	0.00
87) Perylene-d12	15.45	264	116878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	258683	65.36	ng	0.00
7) Phenol-d6	6.48	99	546201	105.10	ng	0.00
23) Nitrobenzene-d5	7.40	82	356574	80.17	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	46487	55.06	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	609195	81.38	ng	0.00
79) Terphenyl-d14	12.94	244	460674	64.53	ng	0.00
Target Compounds						
10) Phenol	6.49	94	18390	3.196	ng	93
19) n-Nitroso-di-n-propylamine	7.40	70	46439	13.571	ng	# 72
25) Isophorone	7.40	82	356571	39.566	ng	# 66
50) Dimethylphthalate	9.59	163	82442	9.456	ng	98
57) 2,4-Dinitrotoluene	9.88	165	16273	8.000	ng	# 19

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

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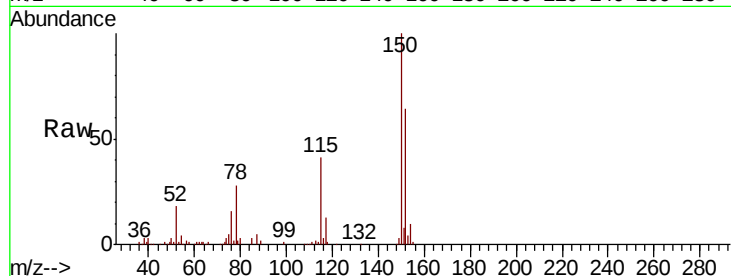


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.4	186.6
115	63.6	49.9	74.9

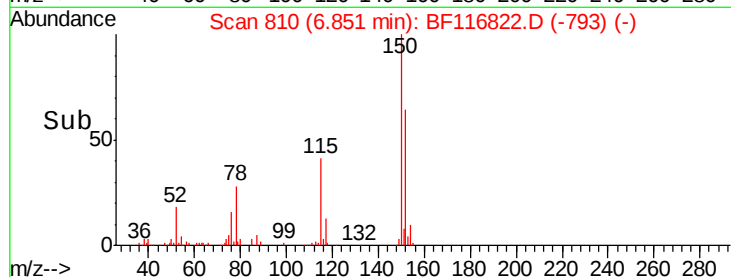
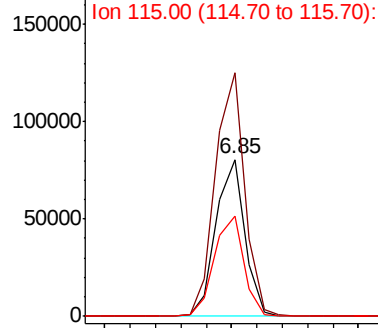


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

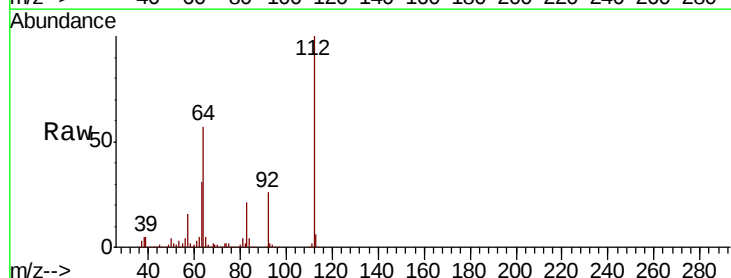
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 65.360 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.1	70.7
63	31.0	24.9	37.3

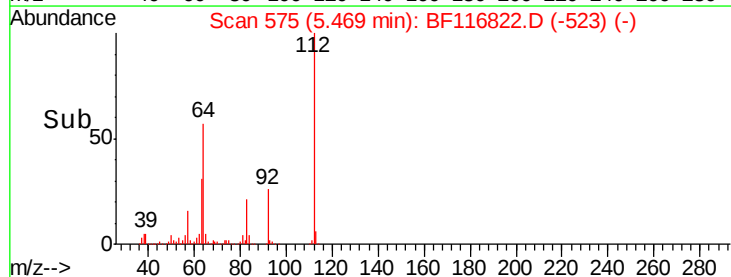
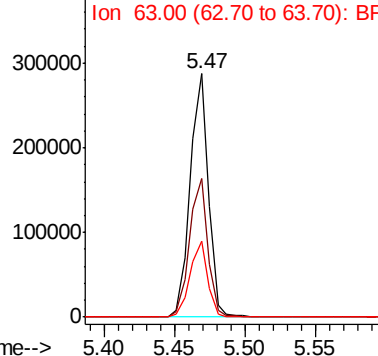


Abundance

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: 105.098 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF116822.D

Acq: 4 Sep 2019 18:15

Instrument :

BNA_F

ClientSampleId :

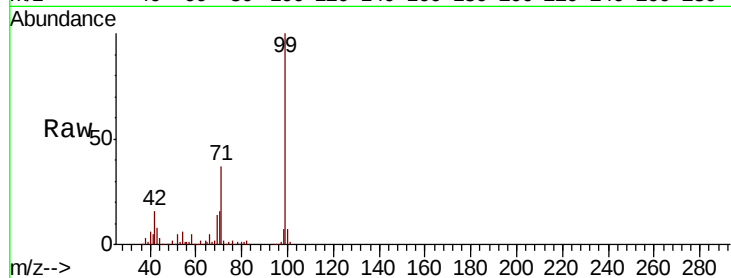
Tot Ion: 99 Resp: 546201

Ion Ratio Lower Upper

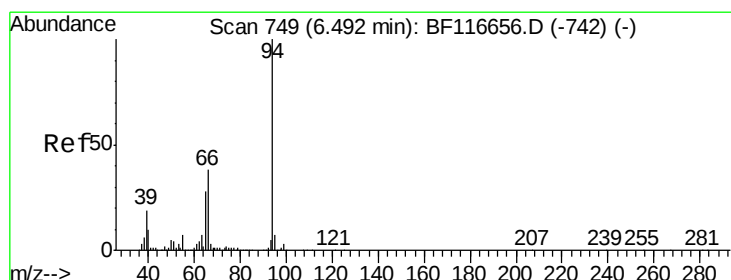
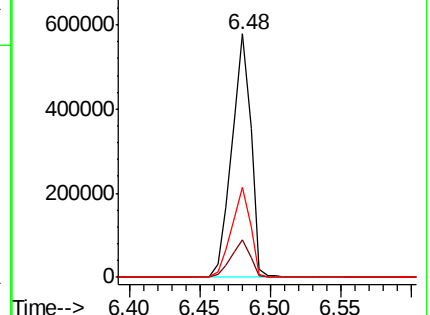
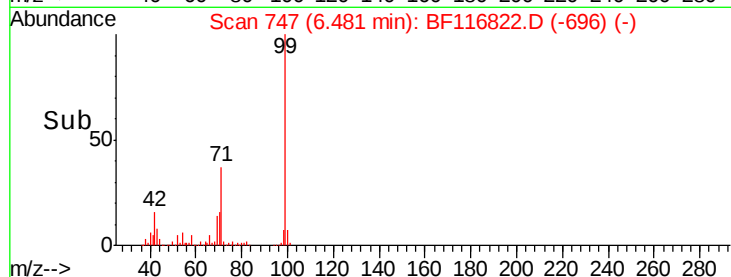
99 100

42 15.6 13.7 20.5

71 36.9 30.8 46.2



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



#10

Phenol

Concen: 3.196 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116822.D

Acq: 4 Sep 2019 18:15

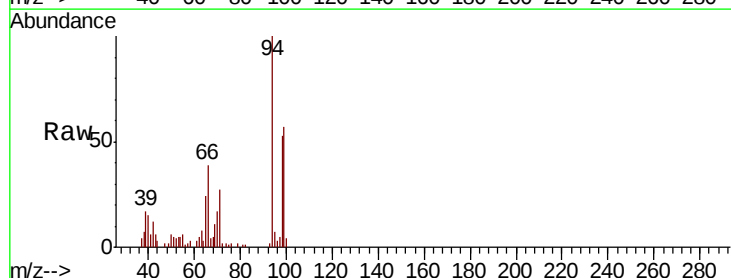
Tgt Ion: 94 Resp: 18390

Ion Ratio Lower Upper

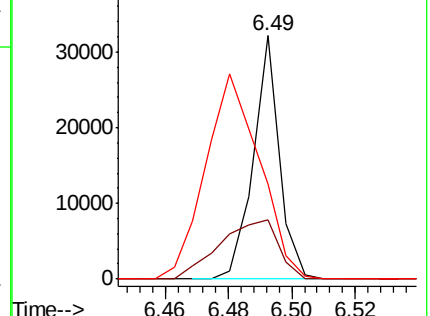
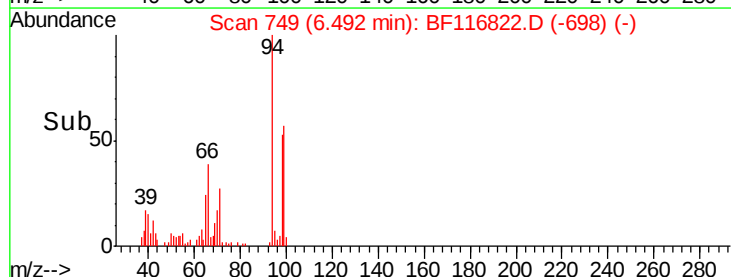
94 100

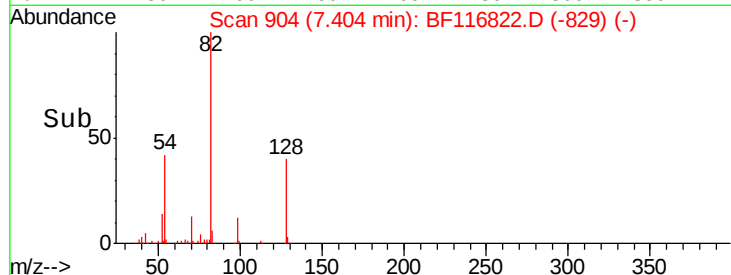
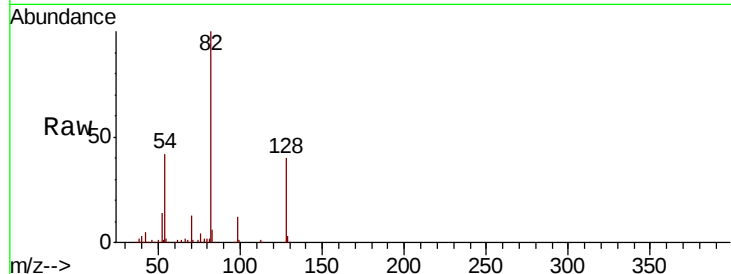
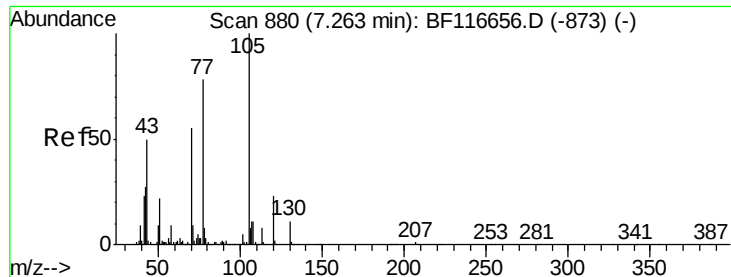
65 24.4 10.8 50.8

66 39.2 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

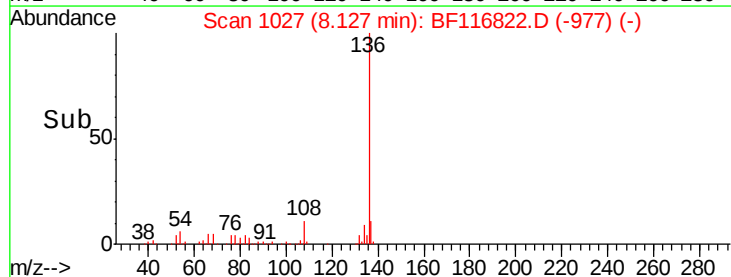
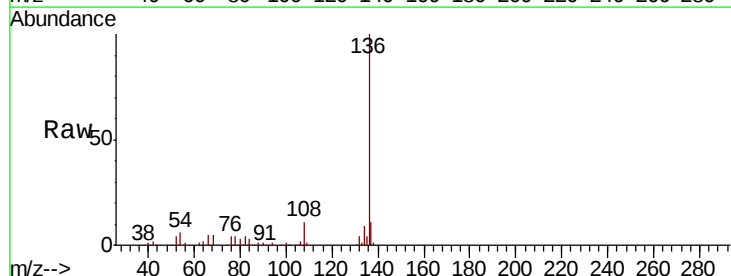
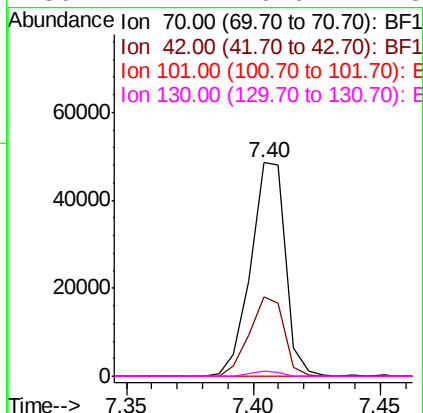




#19
n-Nitroso-di-n-propylamine
Concen: 13.571 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

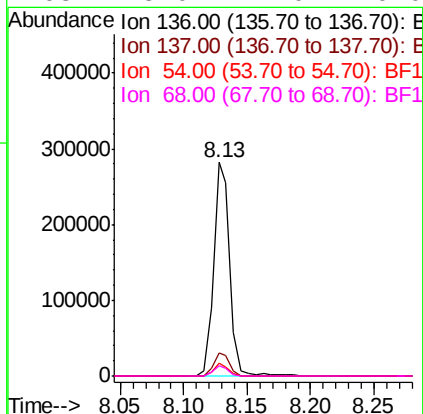
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	46439
Ion	Ratio	Lower	Upper
70	100		
42	37.2	43.5	65.3#
101	0.0	7.8	11.6#
130	2.2	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Tgt Ion:	136	Resp:	253896
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.0	4.8	7.2
68	5.0	4.0	6.0





#23

Nitrobenzene-d5

Concen: 80.174 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116822.D

Acq: 4 Sep 2019 18:15

Instrument :

BNA_F

ClientSampleId :

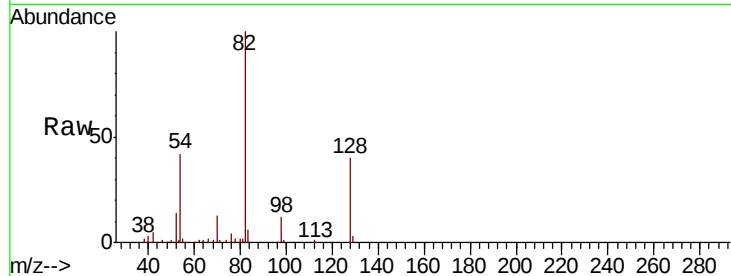
Tot Ion: 82 Resp: 356574

Ion Ratio Lower Upper

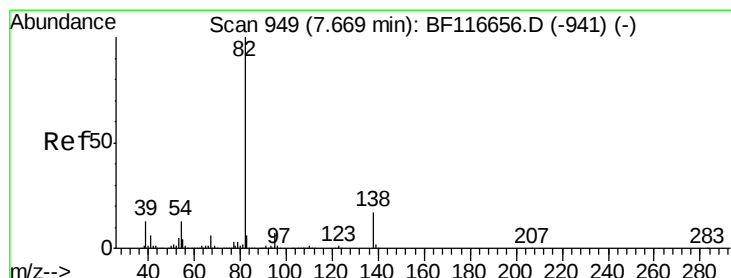
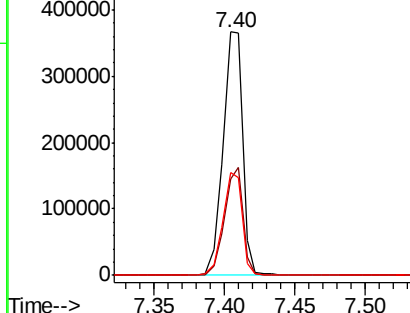
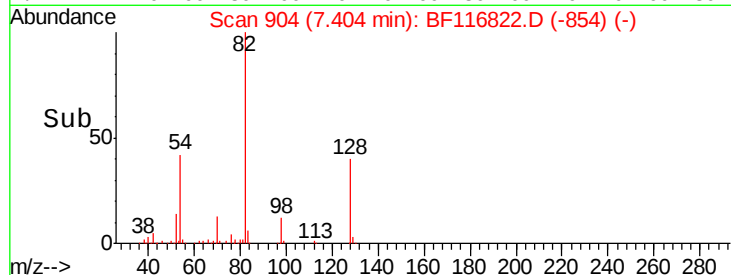
82 100

128 39.6 32.8 49.2

54 42.1 36.9 55.3



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: 39.566 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF116822.D

Acq: 4 Sep 2019 18:15

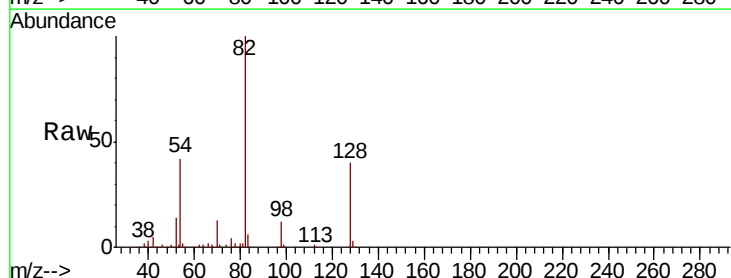
Tgt Ion: 82 Resp: 356571

Ion Ratio Lower Upper

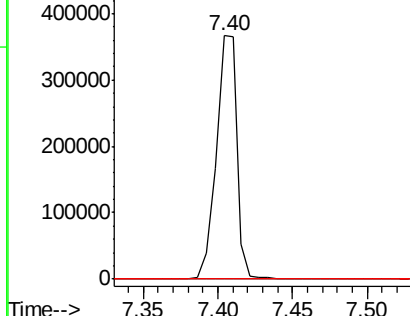
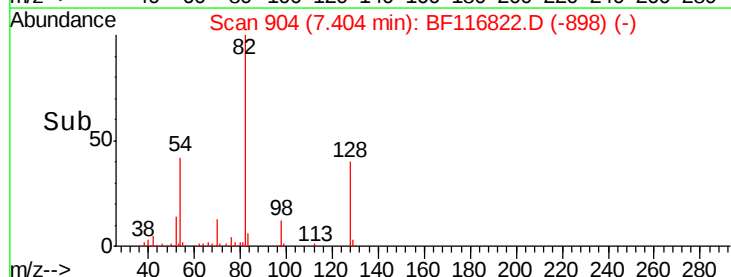
82 100

95 0.0 5.8 8.6#

138 0.0 13.5 20.3#



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

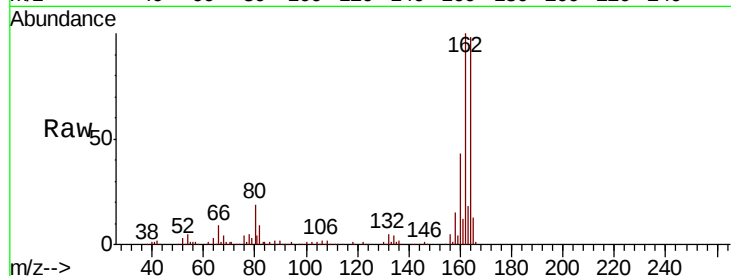




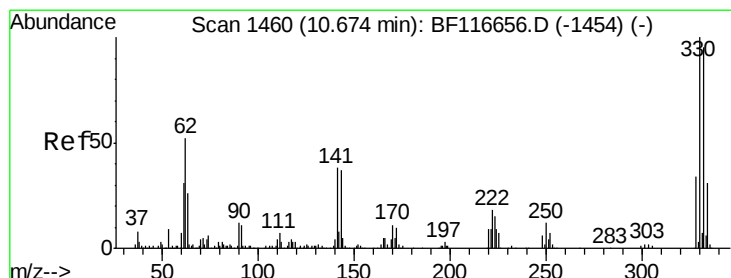
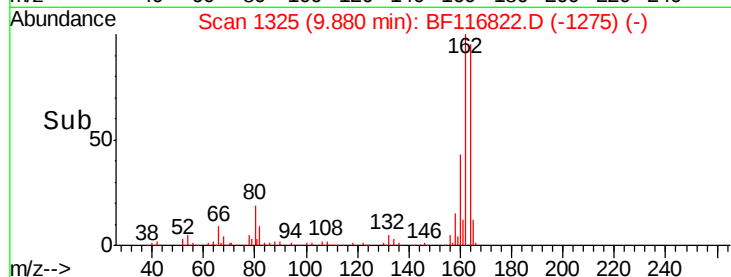
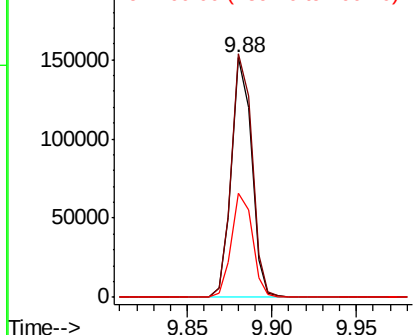
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 126285
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 43.5 35.4 53.2

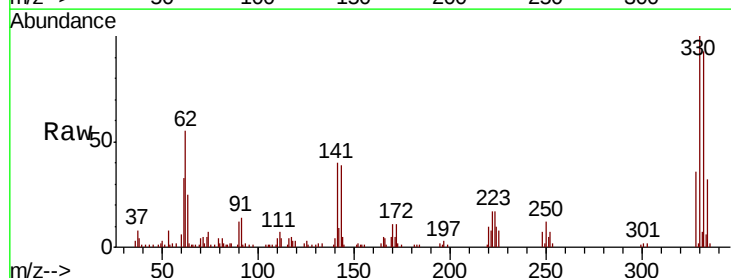


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

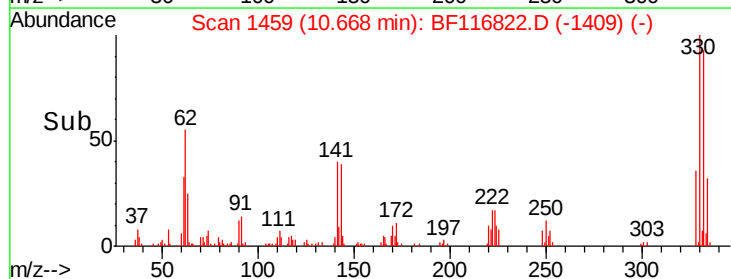
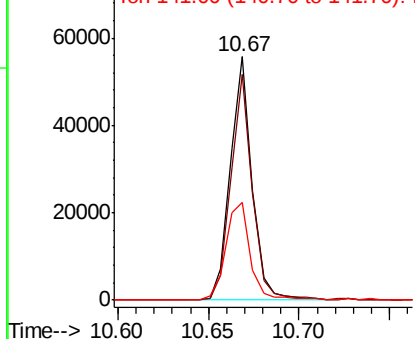


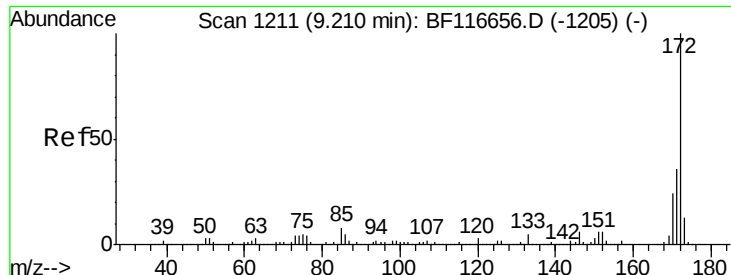
#42
2,4,6-Tribromophenol
Concen: 55.064 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Tgt Ion:330 Resp: 46487
Ion Ratio Lower Upper
330 100
332 91.9 76.9 115.3
141 45.2 31.4 47.2



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

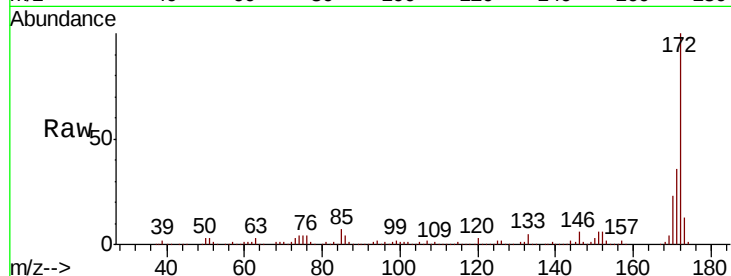




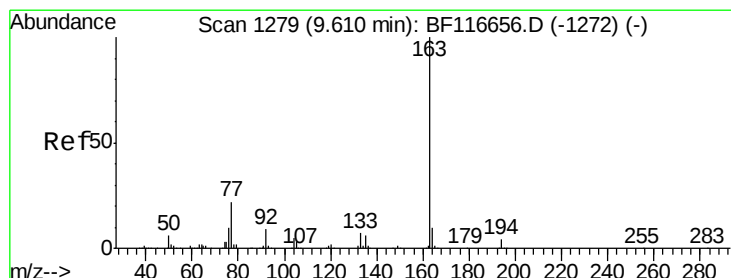
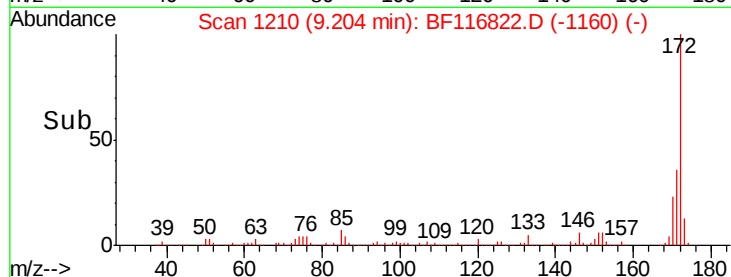
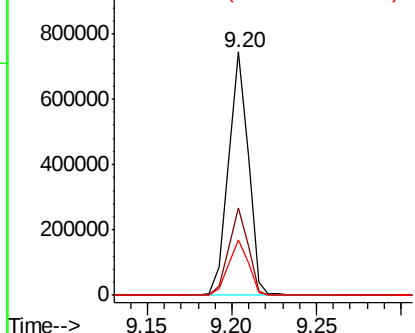
#45
2-Fluorobiphenyl
Concen: 81.375 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	22.9	18.9	28.3

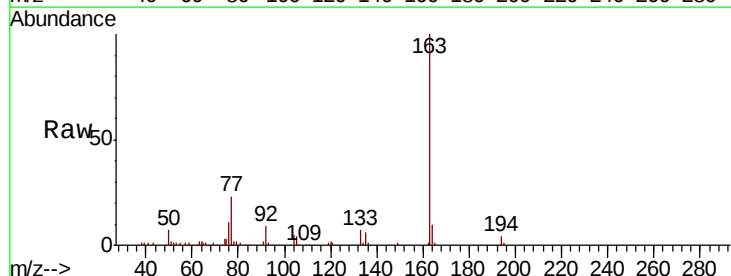


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

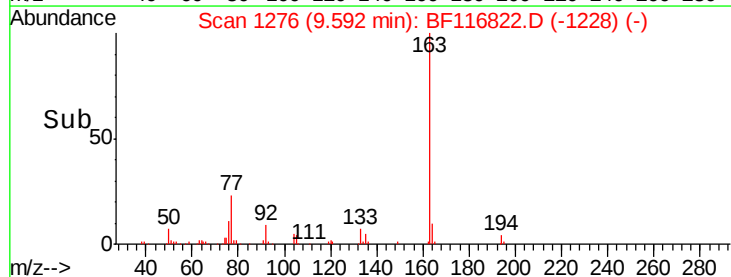
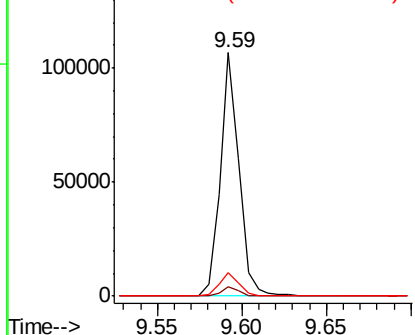


#50
Dimethylphthalate
Concen: 9.456 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.6	8.6	12.8



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

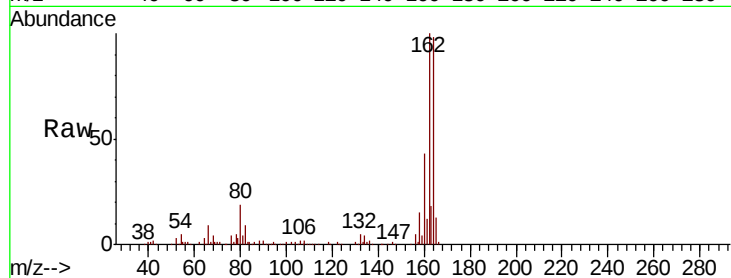




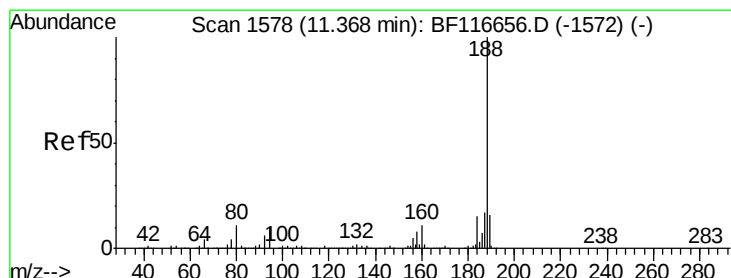
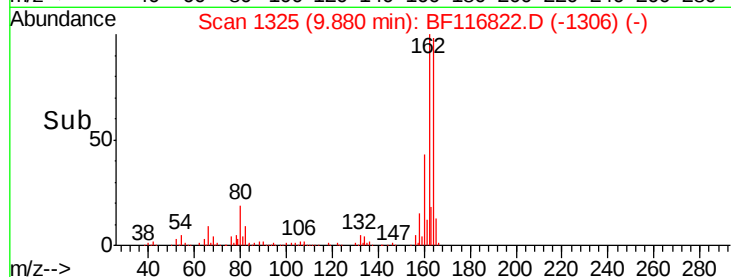
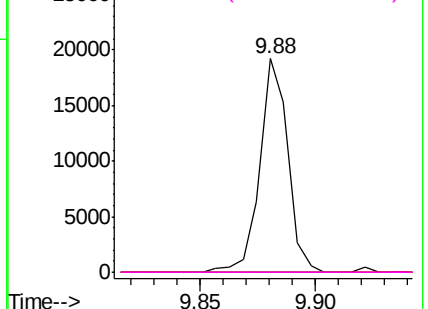
#57
 2,4-Dinitrotoluene
 Concen: 8.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF116822.D
 Acq: 4 Sep 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	16273
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	62.6	94.0#
182	0.0	2.1	3.1#

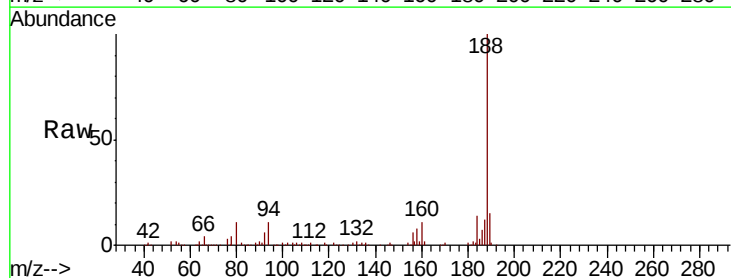


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

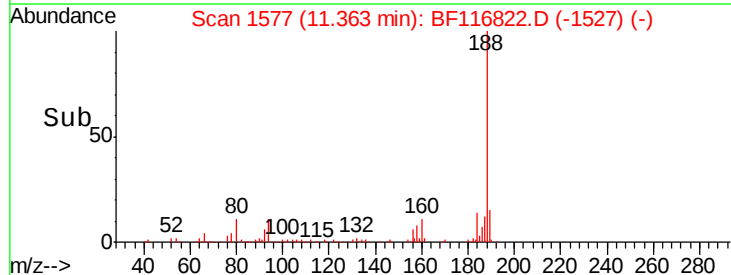
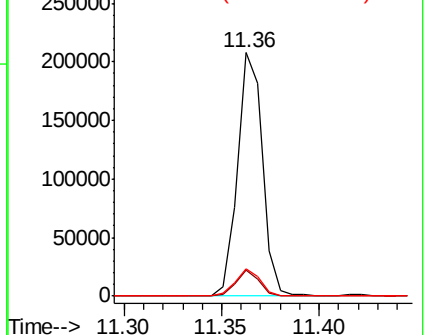


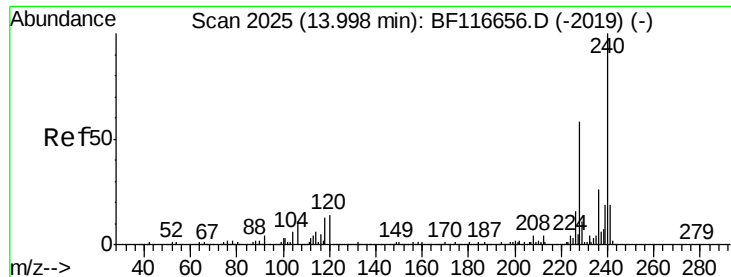
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF116822.D
 Acq: 4 Sep 2019 18:15

Tgt Ion:	188	Resp:	184065
Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.3	10.9
80	11.2	8.4	12.6



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

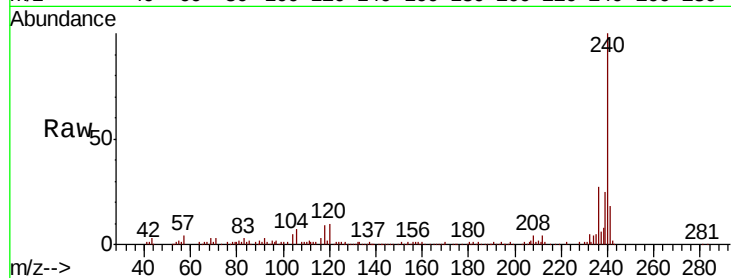




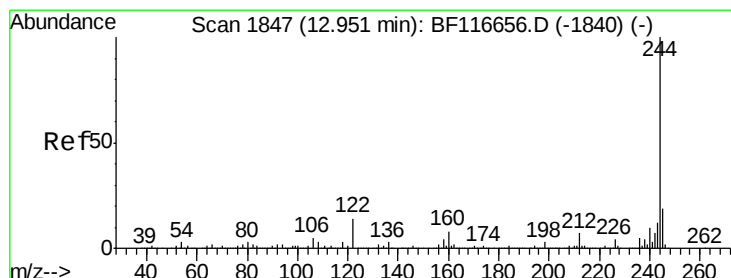
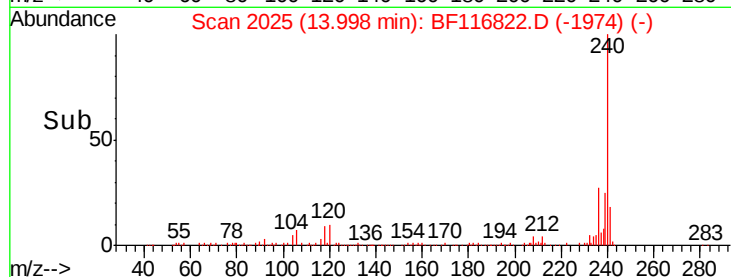
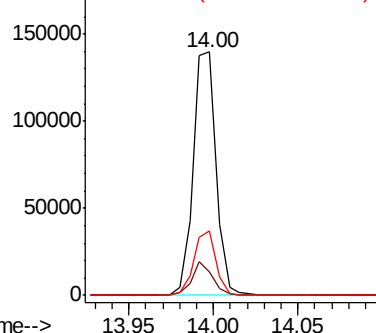
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 132060
Ion Ratio Lower Upper
240 100
120 9.9 9.1 13.7
236 26.7 21.1 31.7

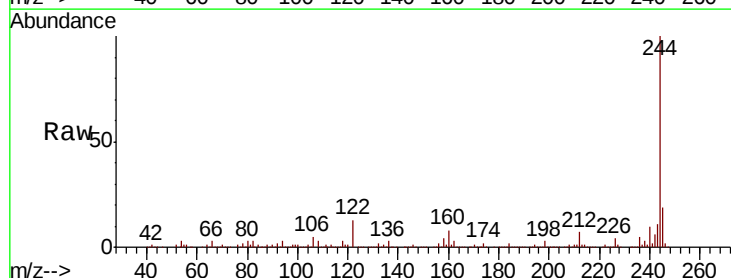


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

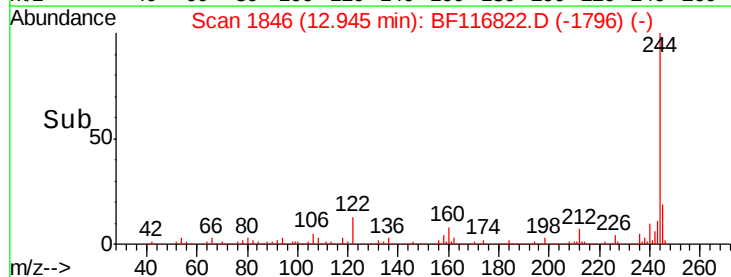
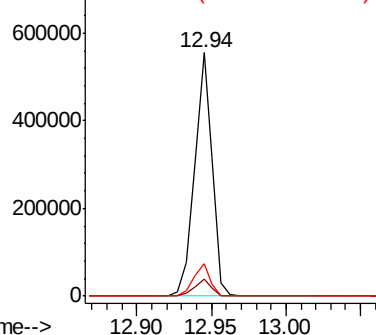


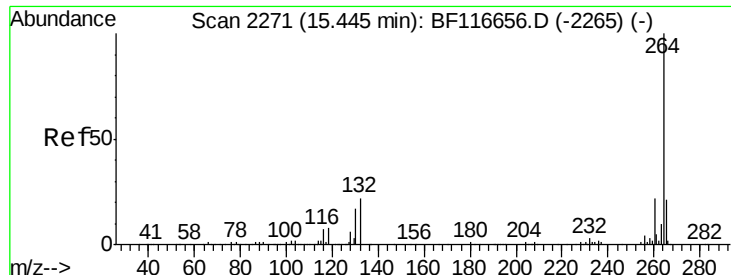
#79
Terphenyl-d14
Concen: 64.533 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Tgt Ion:244 Resp: 460674
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 13.1 10.2 15.4



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF116822.D
 Acq: 4 Sep 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.3	27.5
265	21.7	16.5	24.7

