

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116450.D
 Acq On : 21 Aug 2019 00:27
 Operator : HP/JU
 Sample : K4403-29
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 01:18:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

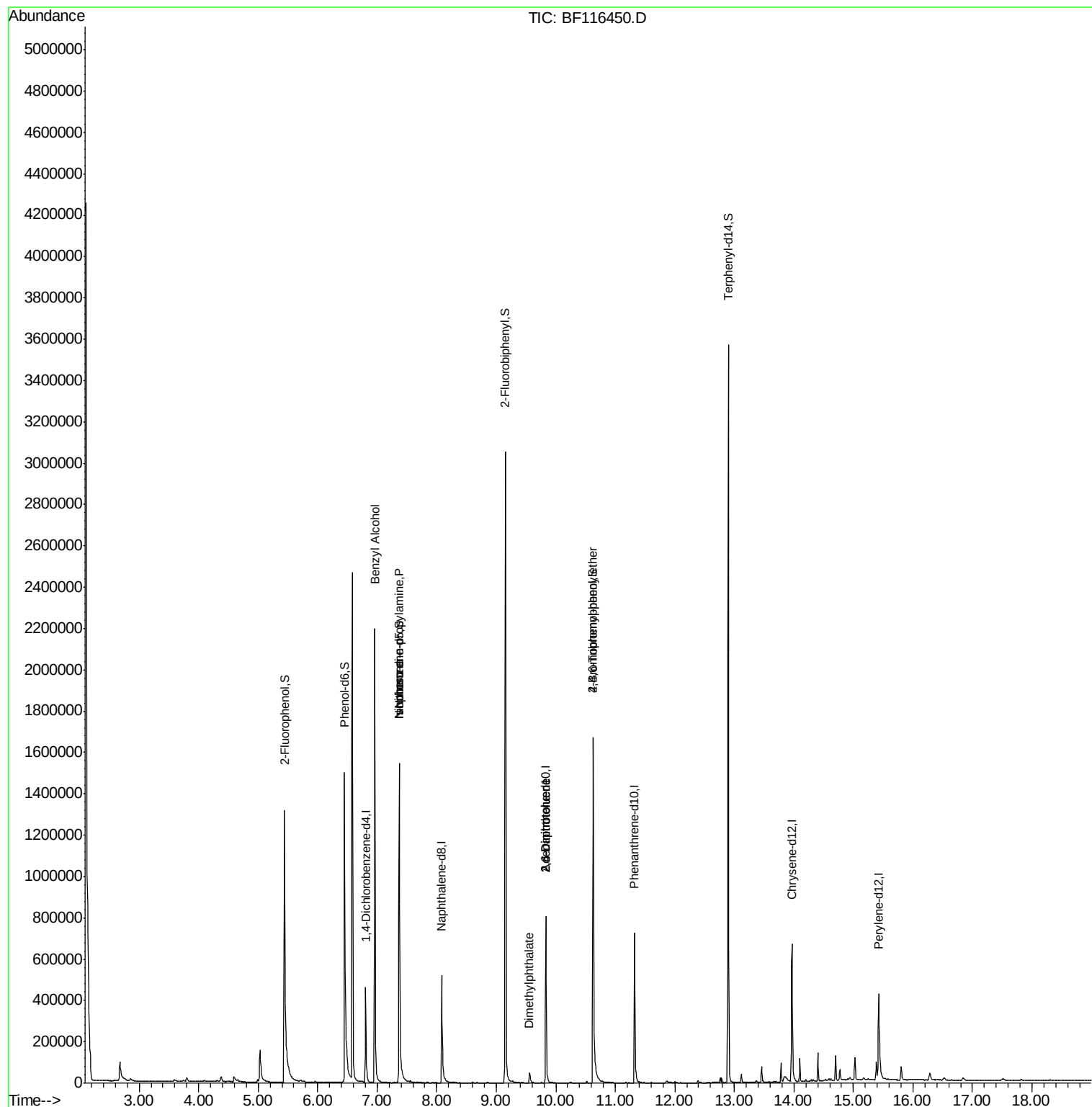
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	79812	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	307363	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	165221	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	314275	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	275017	20.00	ng	-0.01
87) Perylene-d12	15.42	264	271664	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	630386	132.22	ng	0.00
7) Phenol-d6	6.45	99	753853	125.33	ng	-0.01
23) Nitrobenzene-d5	7.37	82	582776	109.45	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	265347	165.65	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1051716	119.23	ng	-0.01
79) Terphenyl-d14	12.90	244	1359356	104.15	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.96	79	9708	2.127	ng	# 50
19) n-Nitroso-di-n-propylamine	7.37	70	76691	20.575	ng	# 78
25) Isophorone	7.37	82	582776	57.237	ng	# 65
50) Dimethylphthalate	9.56	163	35115	3.121	ng	100
51) 2,6-Dinitrotoluene	9.83	165	21216	8.678	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	21216	6.518	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	15685	4.662	ng	# 1

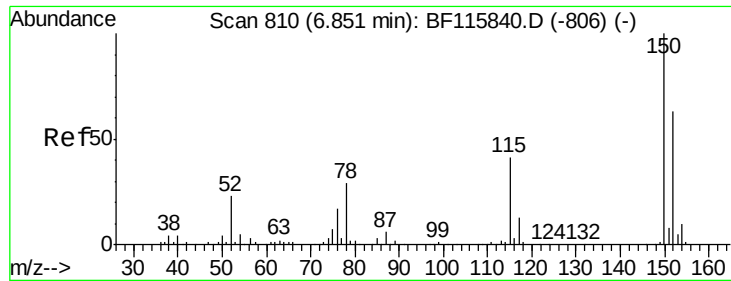
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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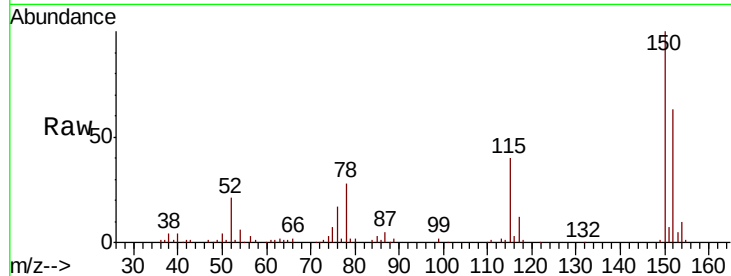


#1

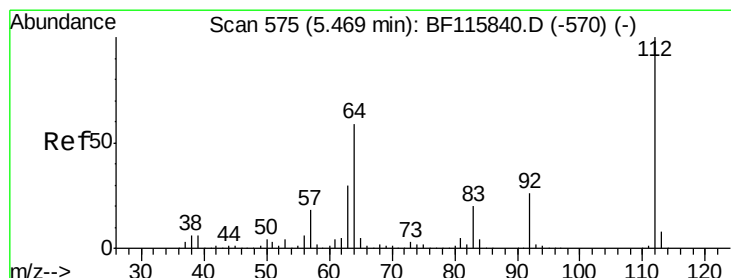
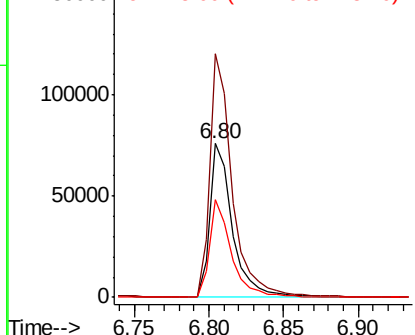
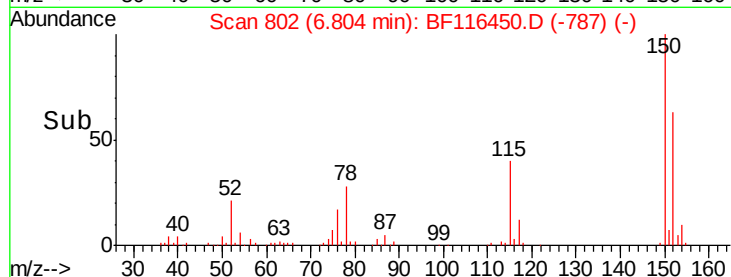
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116450.D
Acq: 21 Aug 2019 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79812
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 63.5 49.9 74.9



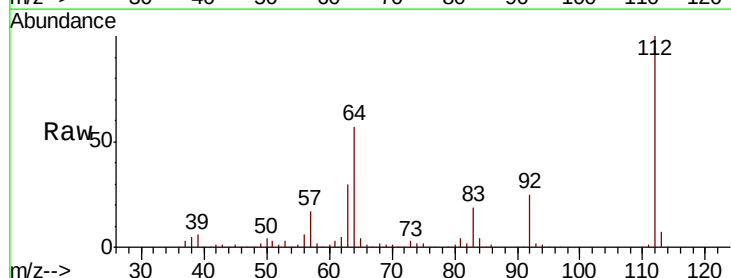
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



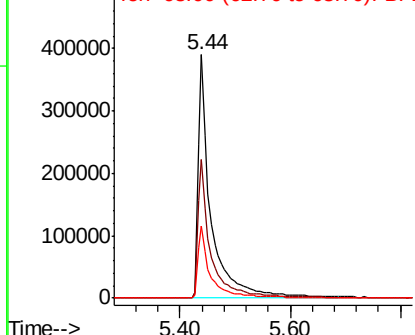
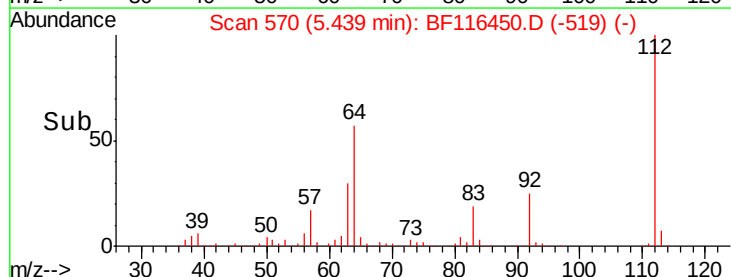
#5

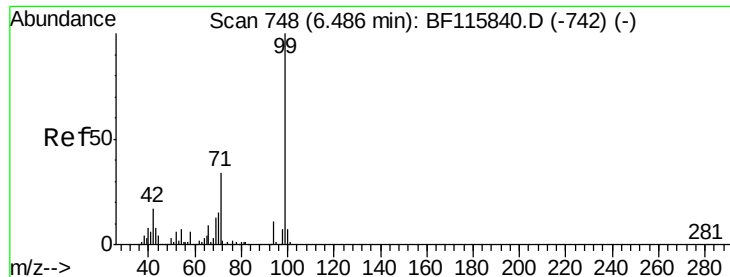
2-Fluorophenol
Concen: 132.224 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF116450.D
Acq: 21 Aug 2019 00:27

Tgt Ion:112 Resp: 630386
Ion Ratio Lower Upper
112 100
64 57.0 45.4 68.2
63 29.5 23.7 35.5



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: 125.326 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116450.D

Acq: 21 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

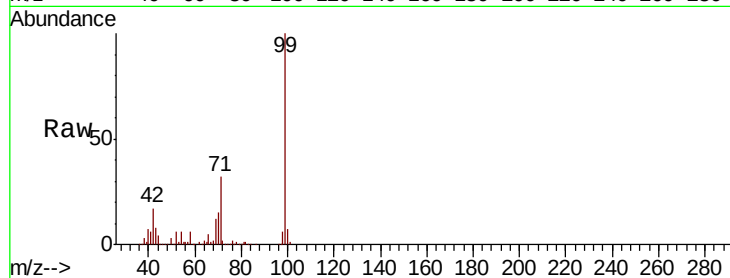
Tot Ion: 99 Resp: 753853

Ion Ratio Lower Upper

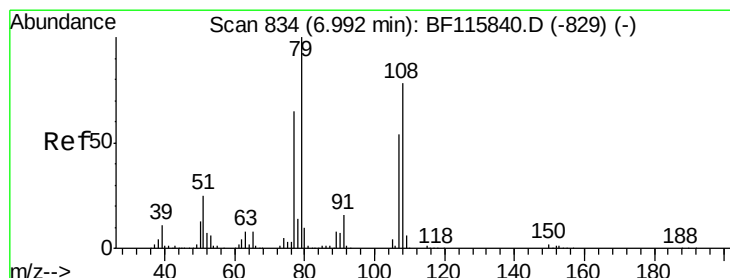
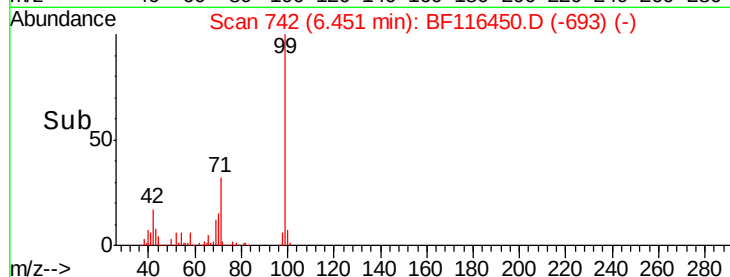
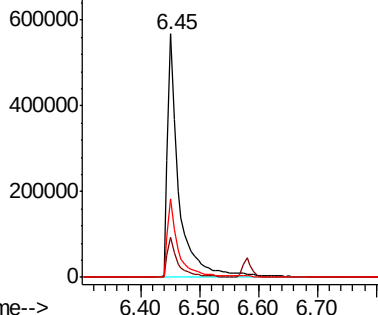
99 100

42 16.5 13.8 20.8

71 32.4 27.3 40.9



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



#15

Benzyl Alcohol

Concen: 2.127 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF116450.D

Acq: 21 Aug 2019 00:27

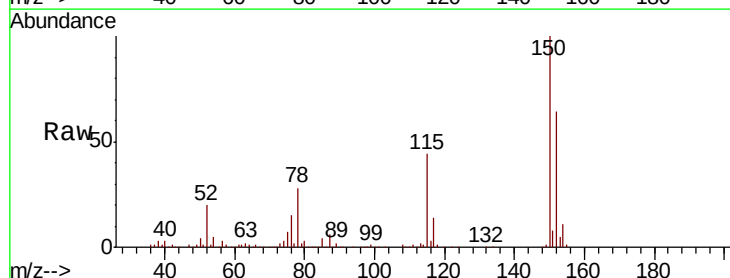
Tgt Ion: 79 Resp: 9708

Ion Ratio Lower Upper

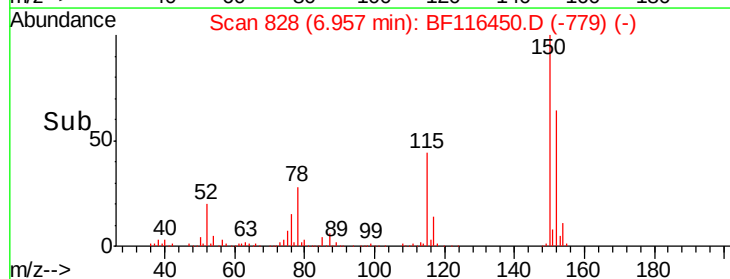
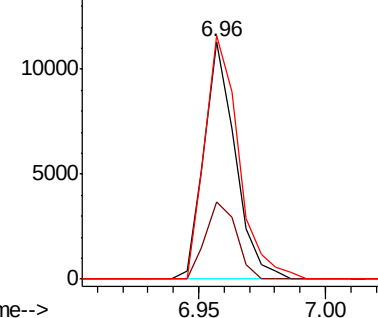
79 100

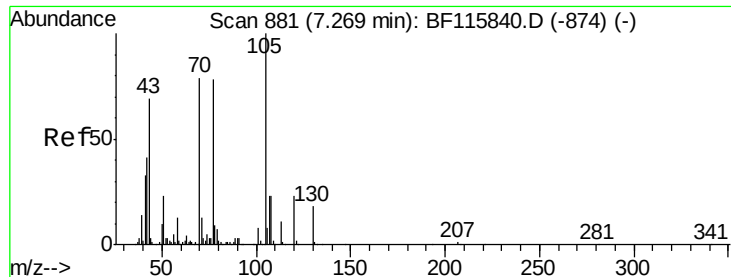
108 32.3 62.7 94.1#

77 102.6 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

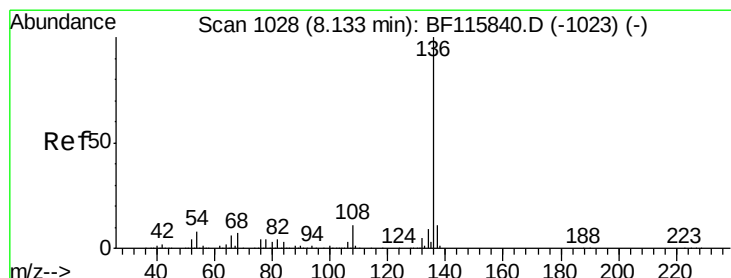
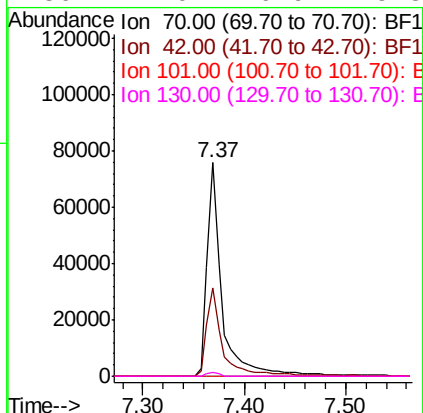
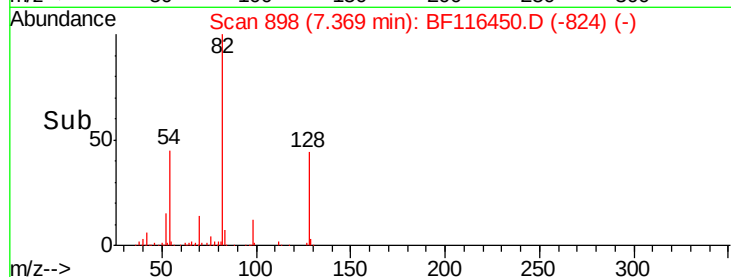
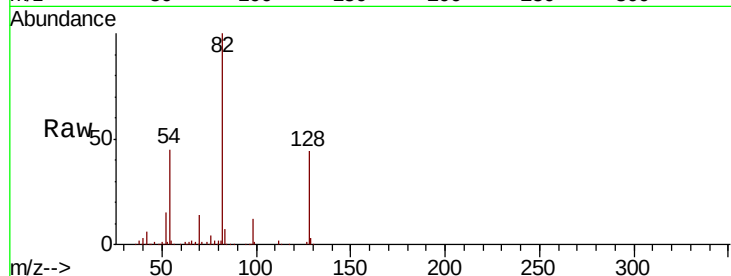




#19
n-Nitroso-di-n-propylamine
Concen: 20.575 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF116450.D
Acq: 21 Aug 2019 00:27

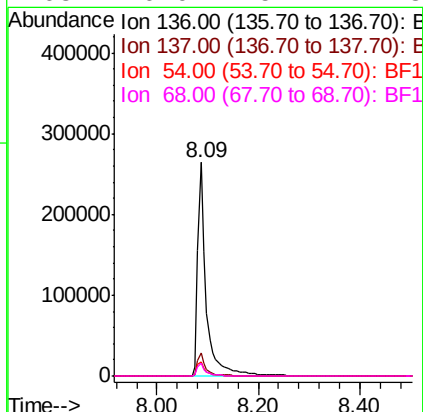
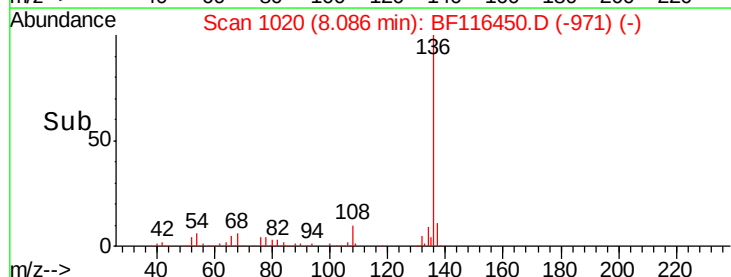
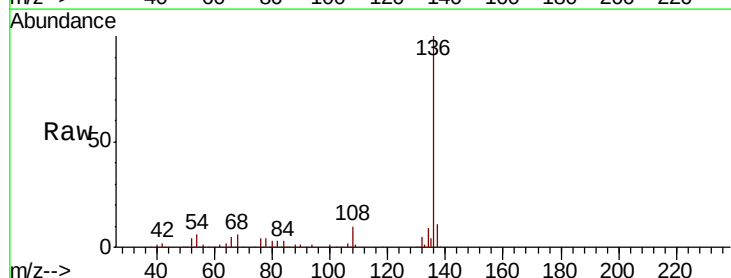
Instrument :
BNA_F
ClientSampleId :

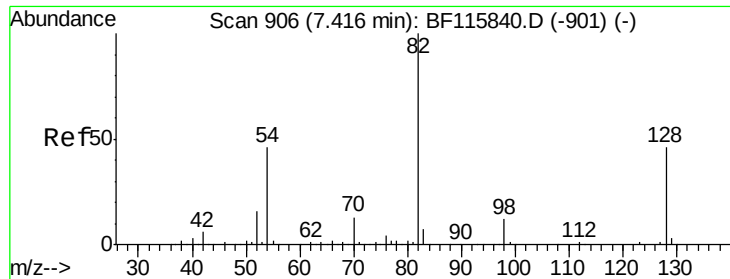
Tot Ion:	70	Resp:	76691
Ion	Ratio	Lower	Upper
70	100		
42	41.6	40.9	61.3
101	0.0	7.9	11.9#
130	2.0	16.9	25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116450.D
Acq: 21 Aug 2019 00:27

Tgt Ion:	136	Resp:	307363
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.5	5.8	8.6
68	6.0	5.2	7.8

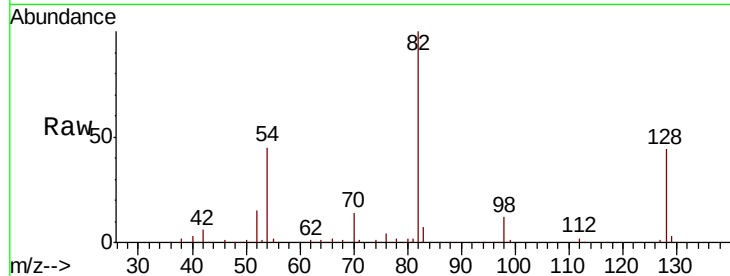




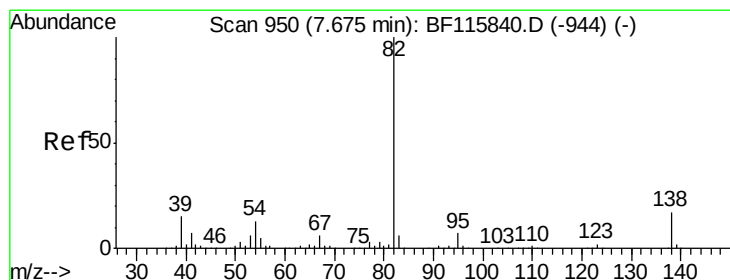
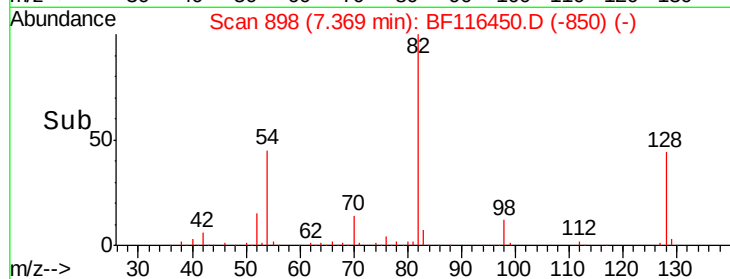
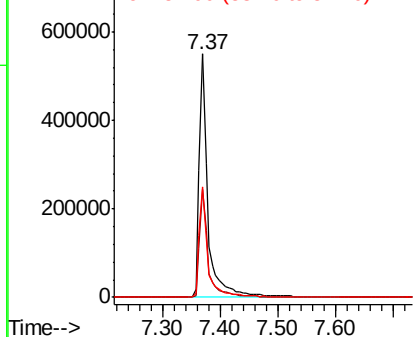
#23
Nitrobenzene-d5
Concen: 109.446 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116450.D
Acq: 21 Aug 2019 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 582776
Ion Ratio Lower Upper
82 100
128 44.4 36.5 54.7
54 45.1 36.0 54.0

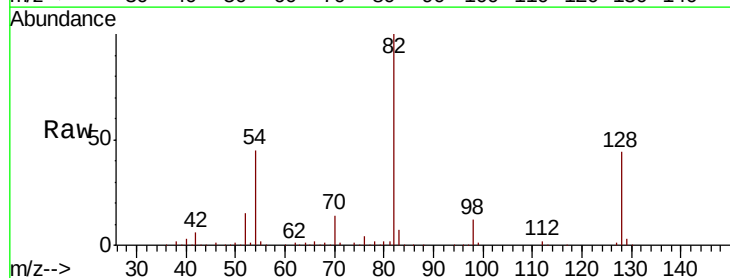


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

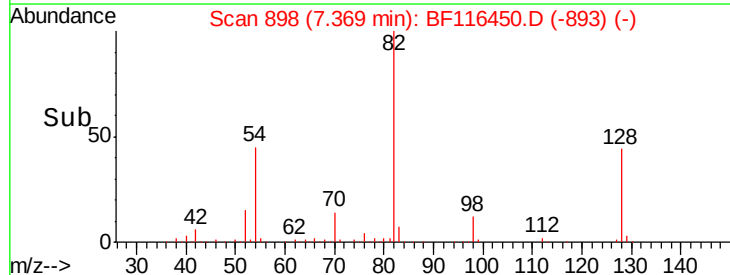
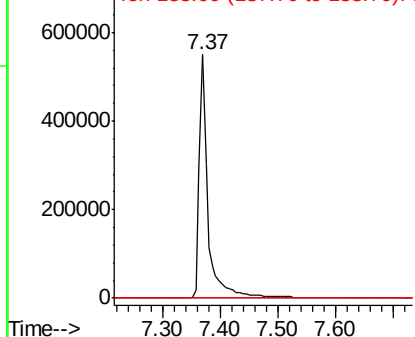


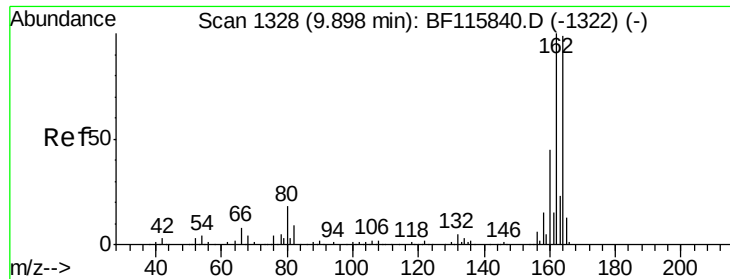
#25
Isophorone
Concen: 57.237 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF116450.D
Acq: 21 Aug 2019 00:27

Tgt Ion: 82 Resp: 582776
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#



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

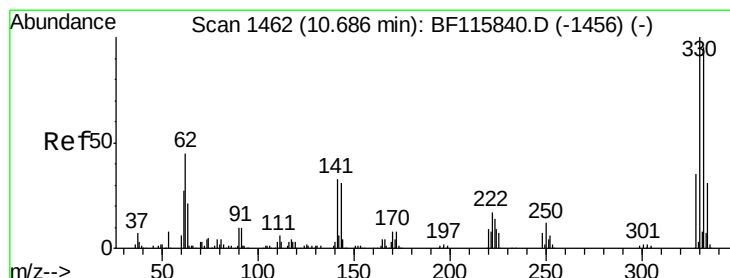
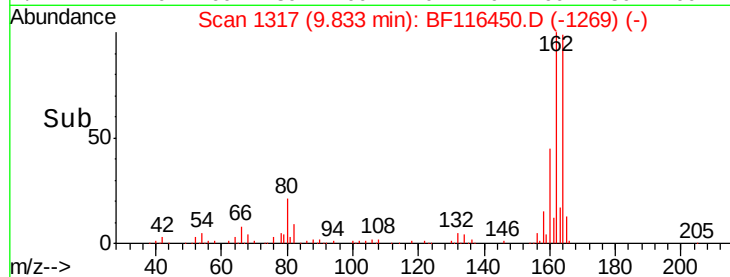
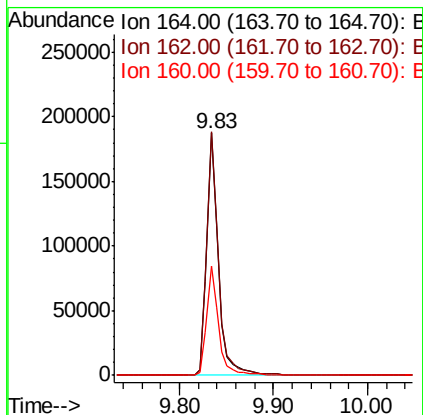
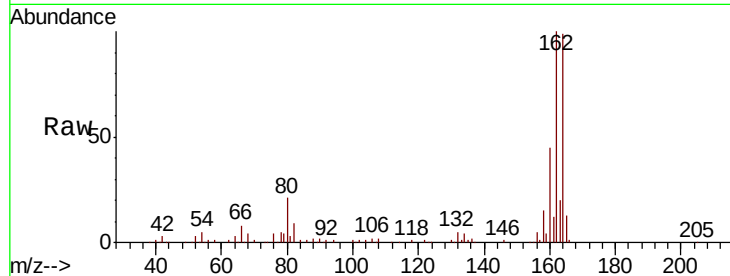




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116450.D
 Acq: 21 Aug 2019 00:27

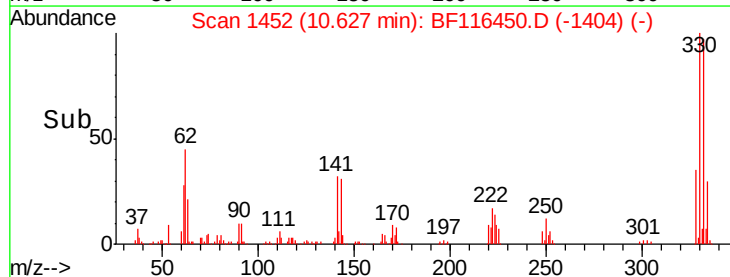
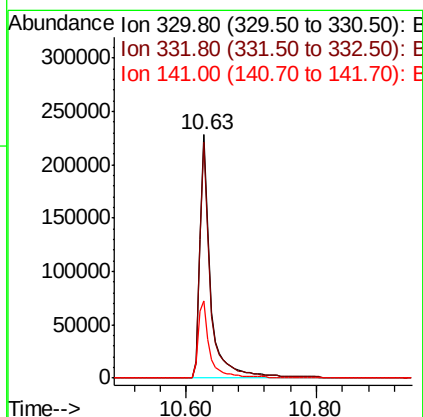
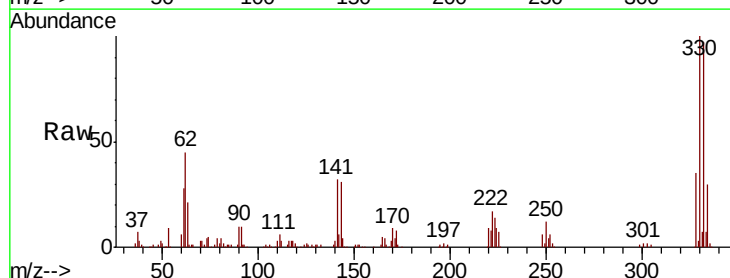
Instrument :
 BNA_F
 ClientSampled :

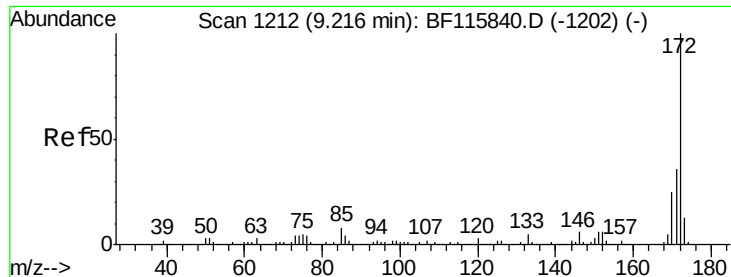
Tot Ion:164 Resp: 165221
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.6 124.0
 160 45.2 37.6 56.4



#42
 2,4,6-Tribromophenol
 Concen: 165.649 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116450.D
 Acq: 21 Aug 2019 00:27

Tgt Ion:330 Resp: 265347
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.8 115.2
 141 34.7 26.3 39.5



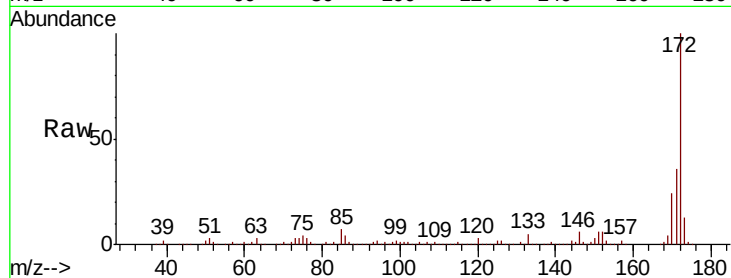


#45
 2-Fluorobiphenyl
 Concen: 119.231 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116450.D
 Acq: 21 Aug 2019 00:27

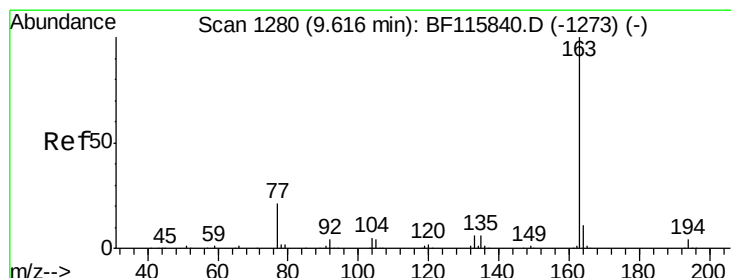
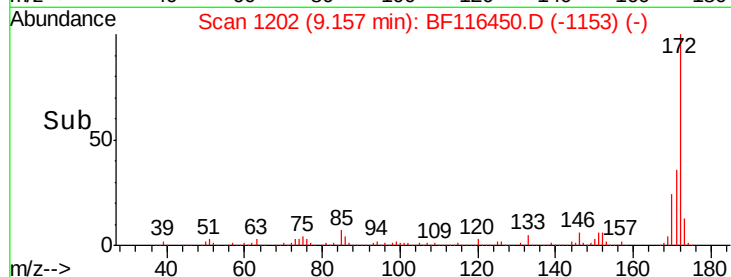
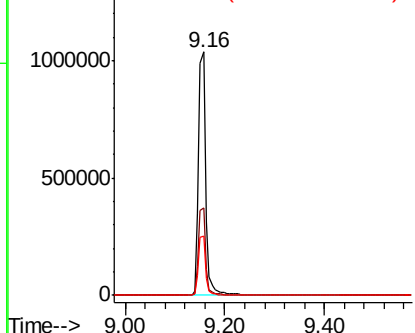
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1051716

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.5	20.1	30.1



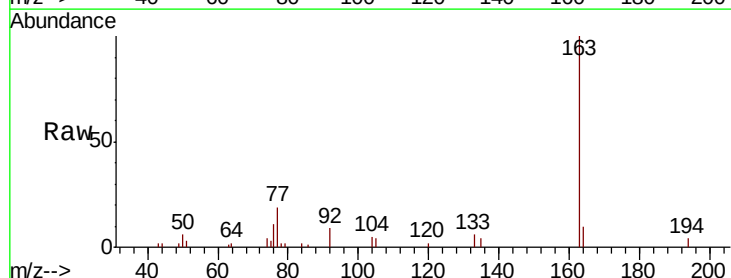
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



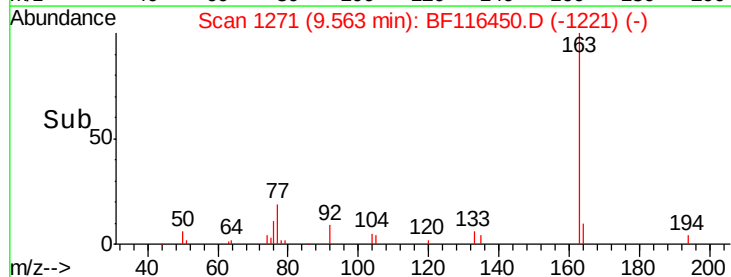
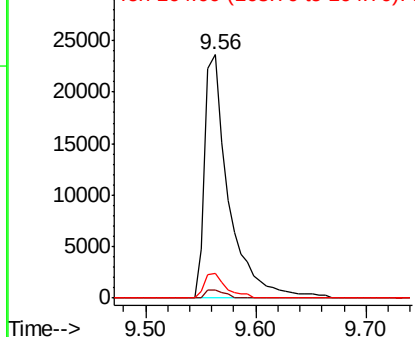
#50
 Dimethylphthalate
 Concen: 3.121 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF116450.D
 Acq: 21 Aug 2019 00:27

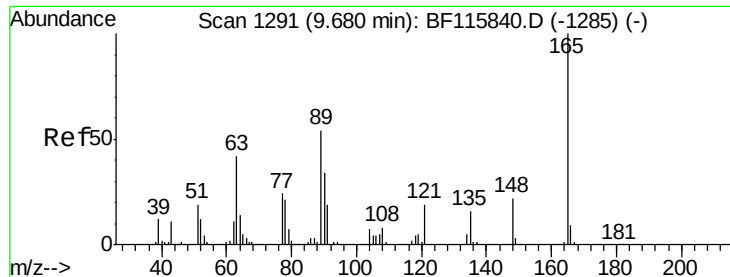
Tgt Ion:163 Resp: 35115

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.6
164	10.4	8.4	12.6



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: 8.678 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.19 min

Lab File: BF116450.D

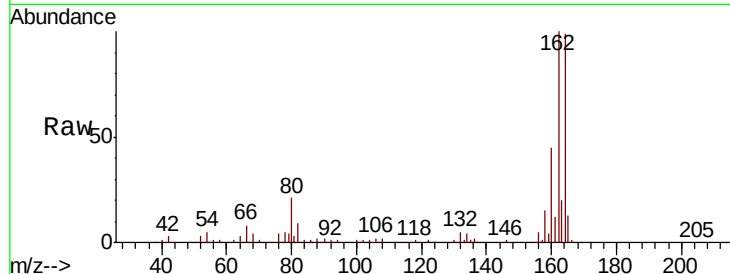
Acq: 21 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

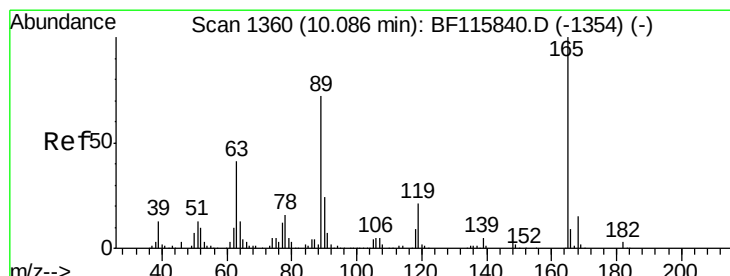
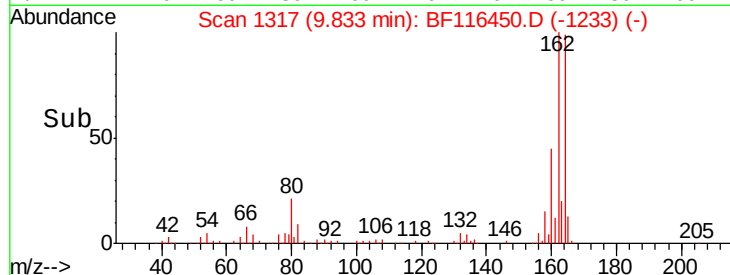
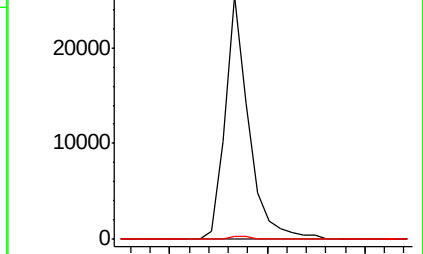
Tot Ion:165	Resp:	21216
Ion Ratio	Lower	Upper
165	100	
63	0.0	38.2 57.2#
89	1.3	42.9 64.3#



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: 6.518 ng

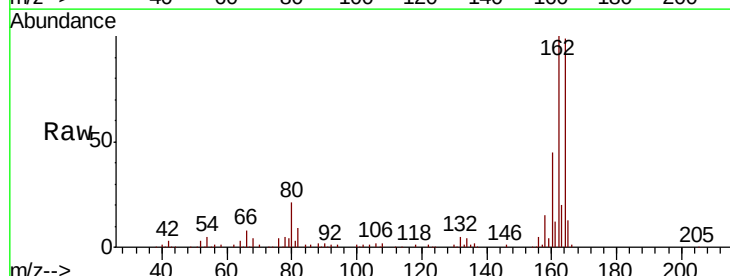
RT: 9.83 min Scan# 1317

Delta R.T. -0.22 min

Lab File: BF116450.D

Acq: 21 Aug 2019 00:27

Tgt Ion:165	Resp:	21216
Ion Ratio	Lower	Upper
165	100	
63	0.0	39.6 59.4#
89	1.3	62.2 93.2#
182	0.0	2.1 3.1#

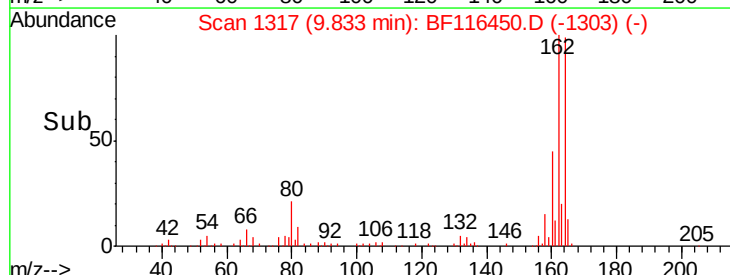
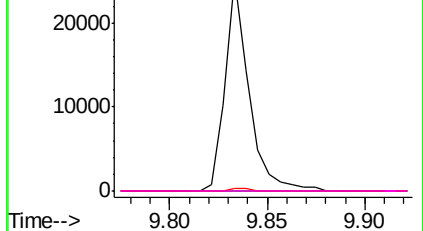


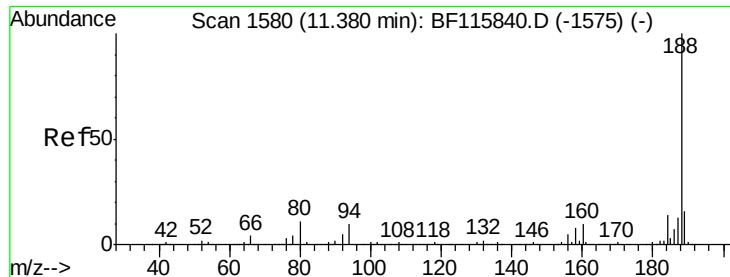
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116450.D

Acq: 21 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

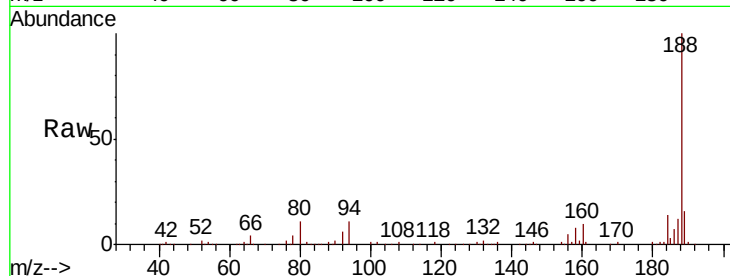
Tot Ion:188 Resp: 314275

Ion Ratio Lower Upper

188 100

94 10.6 8.1 12.1

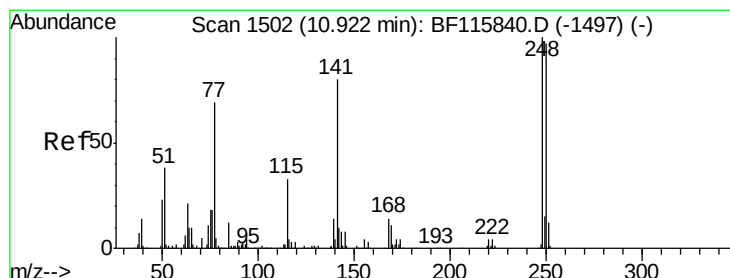
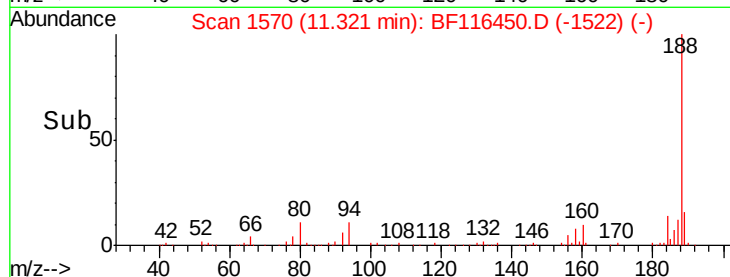
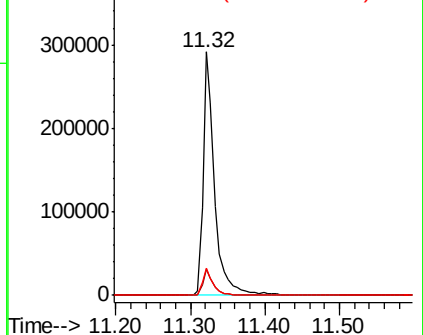
80 11.4 8.7 13.1



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: 4.662 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.25 min

Lab File: BF116450.D

Acq: 21 Aug 2019 00:27

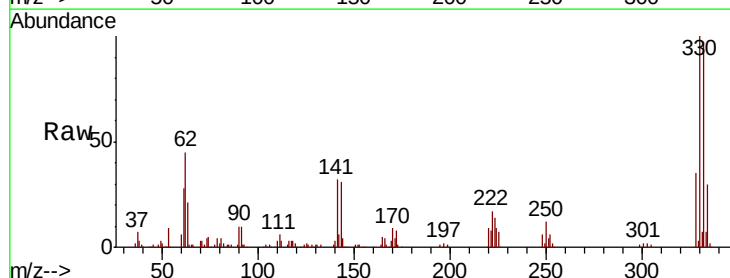
Tgt Ion:248 Resp: 15685

Ion Ratio Lower Upper

248 100

250 196.1 77.4 116.2#

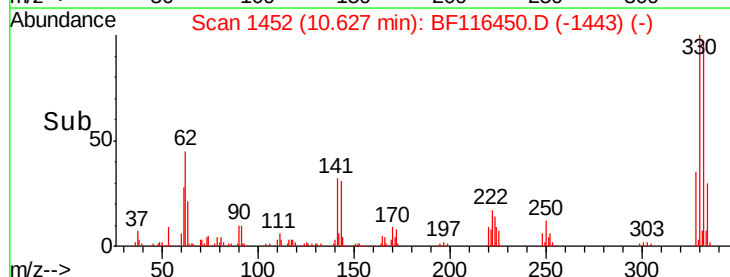
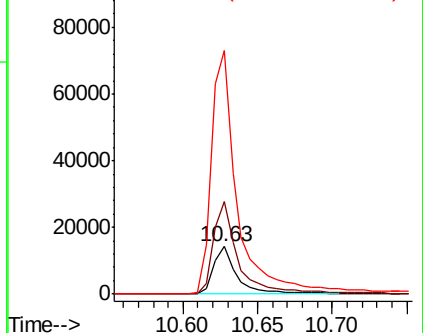
141 513.0 56.8 85.2#

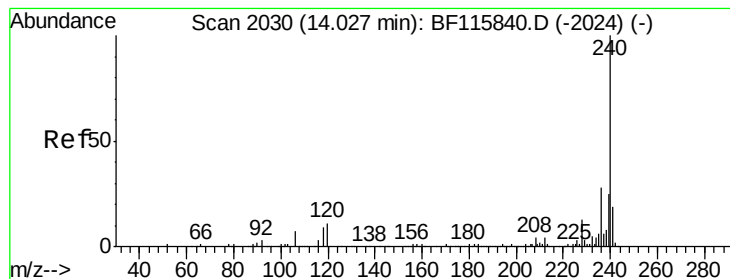


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.01 min

Lab File: BF116450.D

Acq: 21 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

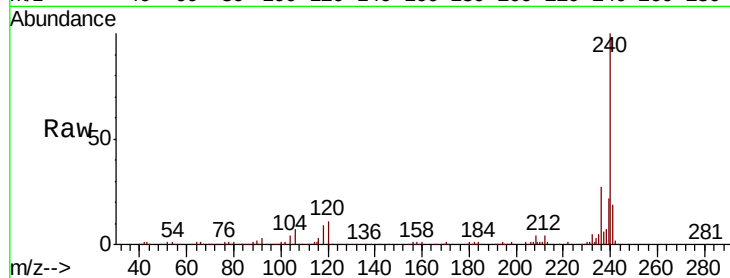
Tot Ion:240 Resp: 275017

Ion Ratio Lower Upper

240 100

120 10.5 10.7 16.1#

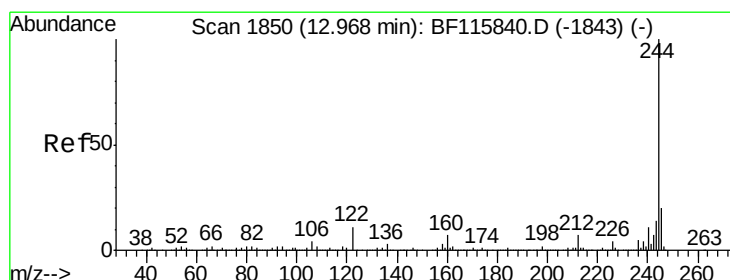
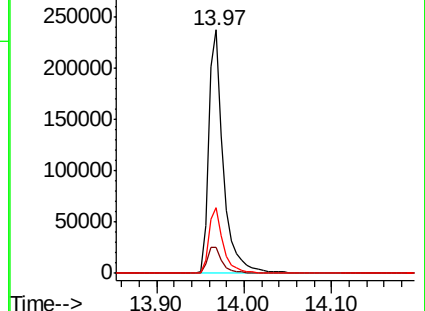
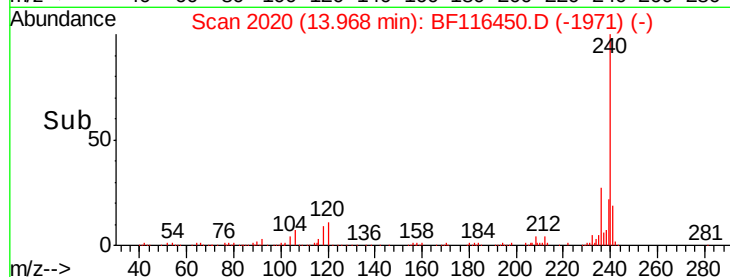
236 26.8 22.2 33.2



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: 104.153 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116450.D

Acq: 21 Aug 2019 00:27

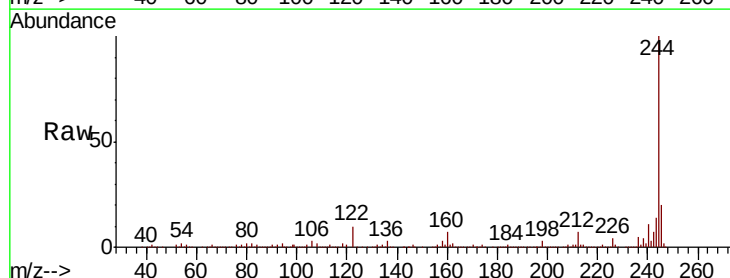
Tgt Ion:244 Resp: 1359356

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

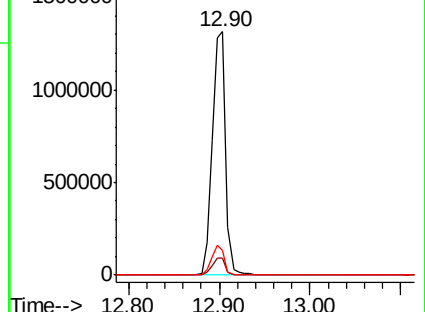
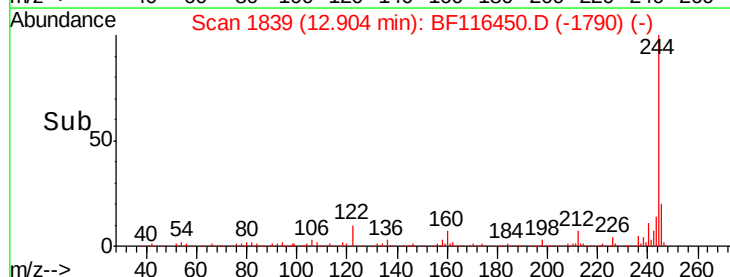
122 10.1 9.0 13.4

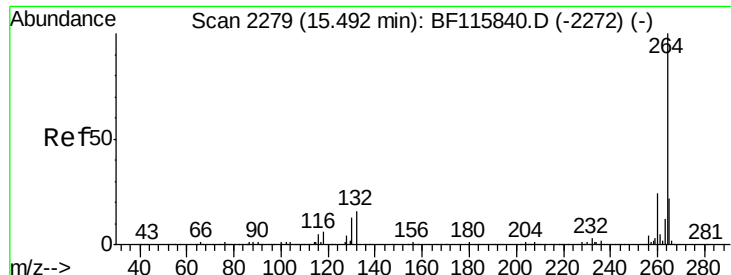


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

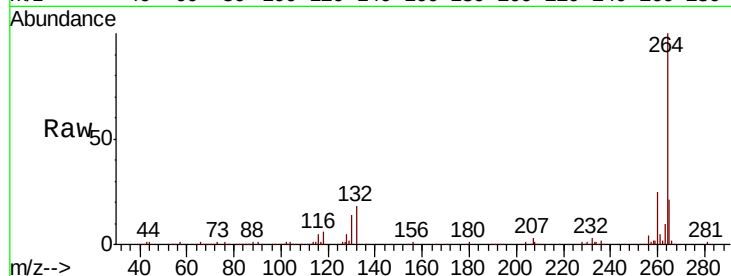




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF116450.D
 Acq: 21 Aug 2019 00:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	271664
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	21.0	17.4	26.0



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

