

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090819\
 Data File : BF116883.D
 Acq On : 8 Sep 2019 21:46
 Operator : HP/JU
 Sample : K4739-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 02:16:01 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

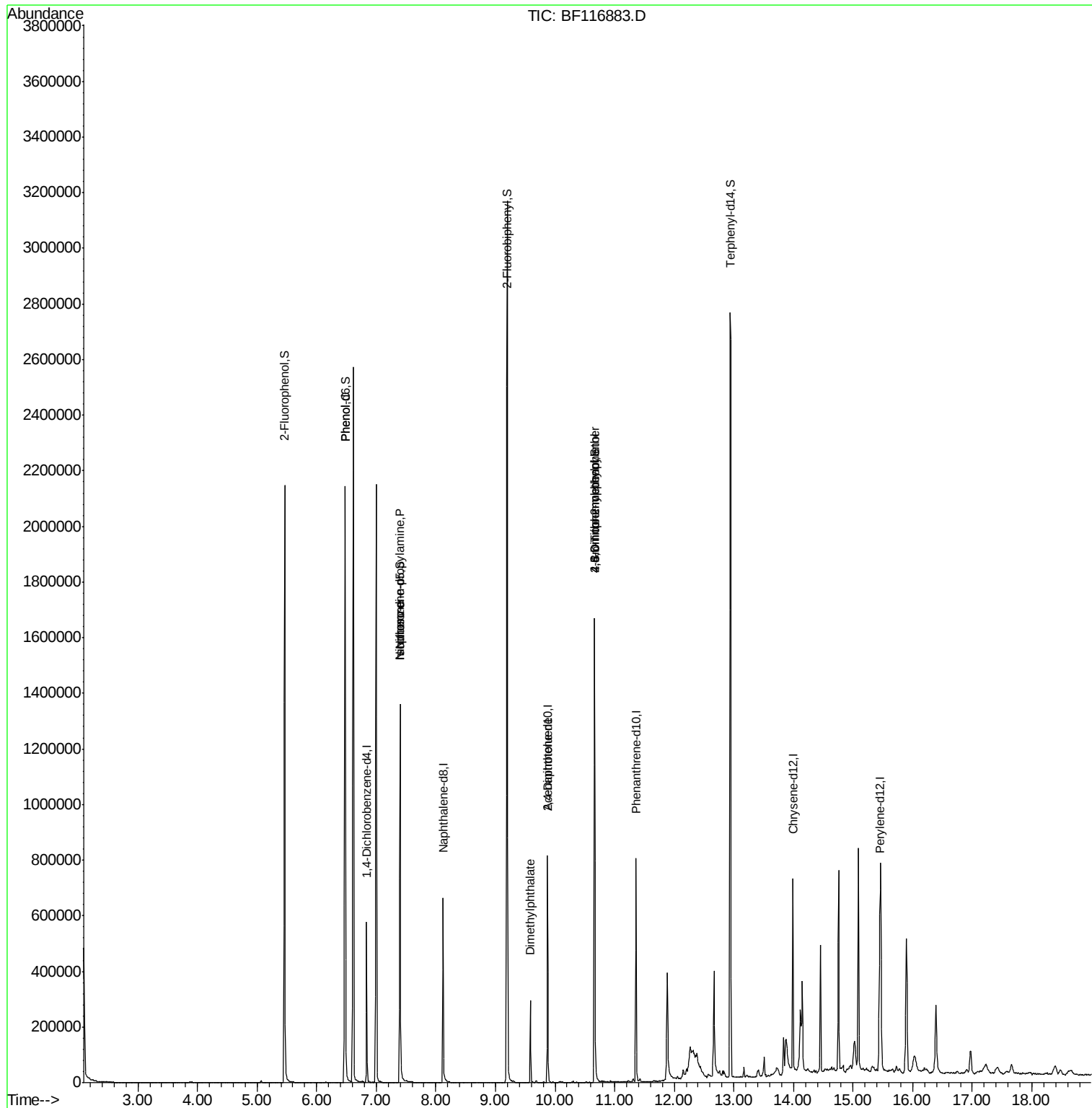
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	79224	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	319741	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	164042	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	282816	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	229467	20.00	ng	0.00
87) Perylene-d12	15.44	264	236470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	656472	134.24	ng	0.00
7) Phenol-d6	6.48	99	899566	140.09	ng	0.00
23) Nitrobenzene-d5	7.40	82	548900	98.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	182424	166.35	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	973234	100.08	ng	-0.01
79) Terphenyl-d14	12.94	244	1002093	80.79	ng	0.00
Target Compounds						
10) Phenol	6.49	94	24856	3.496	ng	87
19) n-Nitroso-di-n-propylamine	7.40	70	73122	17.295	ng	# 72
25) Isophorone	7.40	82	548897	48.364	ng	# 66
50) Dimethylphthalate	9.59	163	122477	10.814	ng	97
57) 2,4-Dinitrotoluene	9.87	165	21252	8.043	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.66	198	318	7.709	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	11318	3.939	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090819\
Data File : BF116883.D
Acq On : 8 Sep 2019 21:46
Operator : HP/JU
Sample : K4739-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 09 02:16:01 2019
Quant Method : Z:\SV0ASRV\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



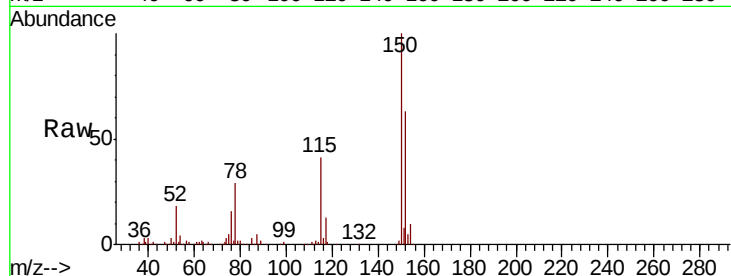


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116883.D
Acq: 8 Sep 2019 21:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.4	186.6
115	64.0	49.9	74.9

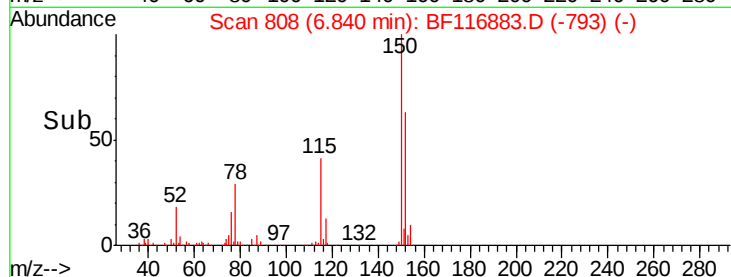
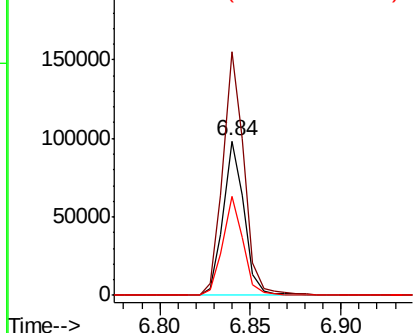


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

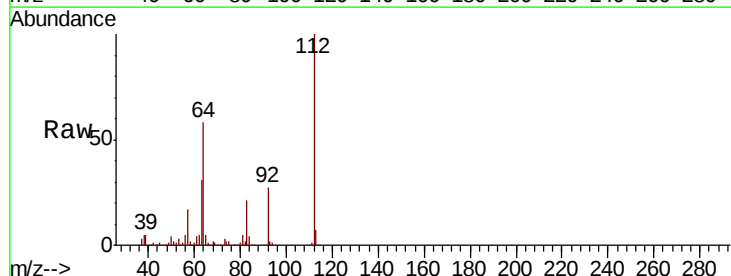
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.242 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116883.D
Acq: 8 Sep 2019 21:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.1	70.7
63	31.1	24.9	37.3

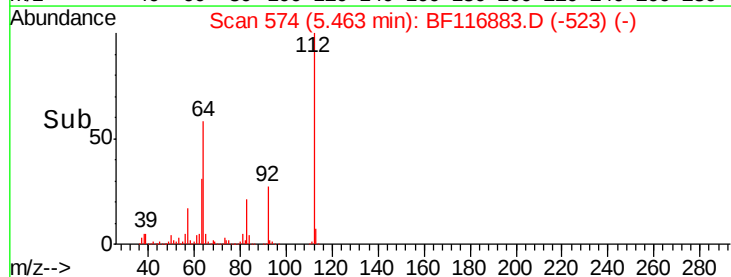
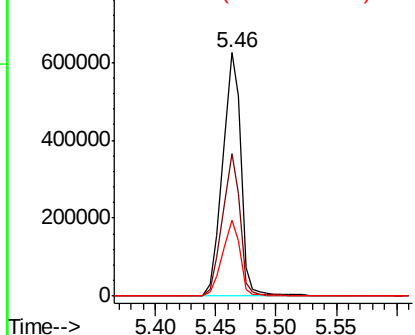


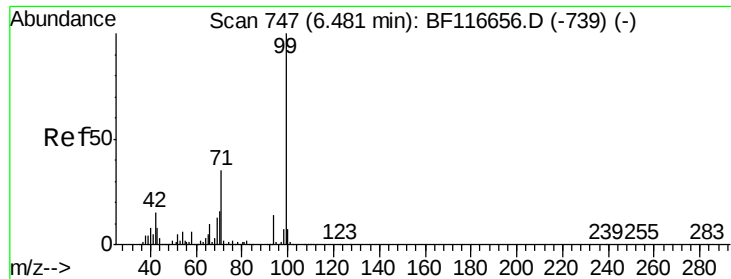
Abundance

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: 140.089 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116883.D

Acq: 8 Sep 2019 21:46

Instrument :

BNA_F

ClientSampled :

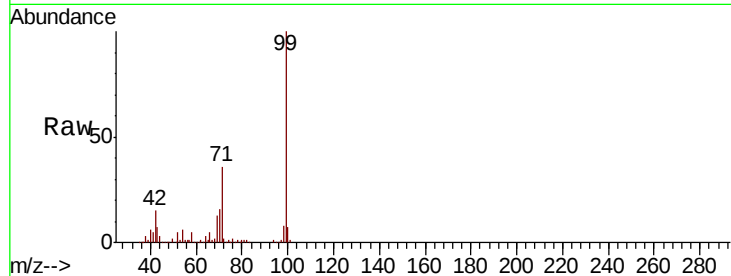
Tot Ion: 99 Resp: 899566

Ion Ratio Lower Upper

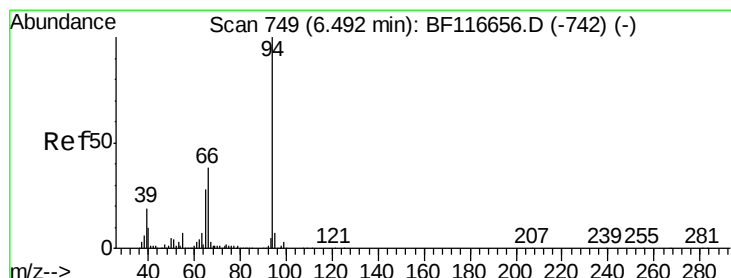
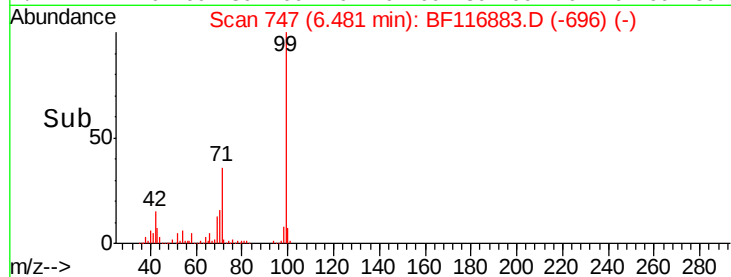
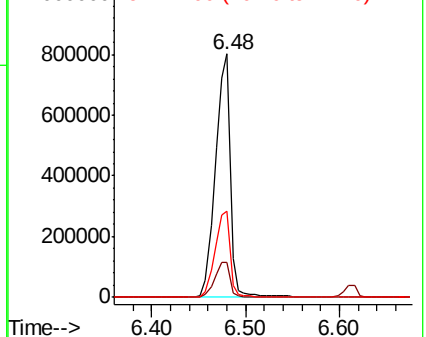
99 100

42 14.6 13.7 20.5

71 35.5 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: 3.496 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116883.D

Acq: 8 Sep 2019 21:46

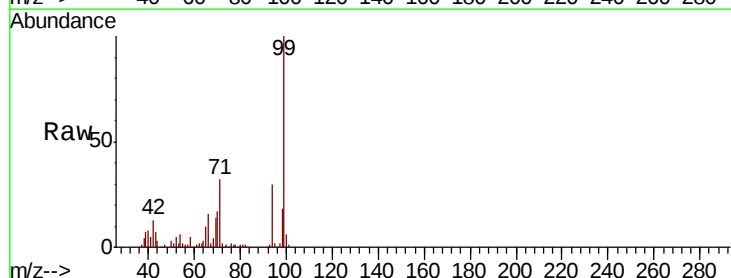
Tgt Ion: 94 Resp: 24856

Ion Ratio Lower Upper

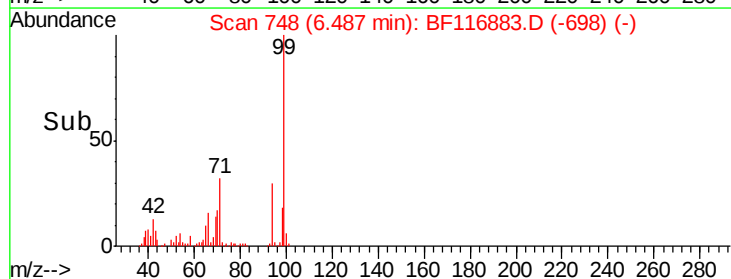
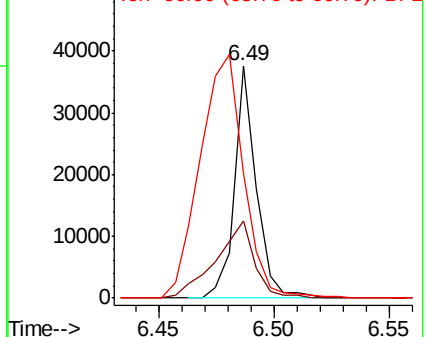
94 100

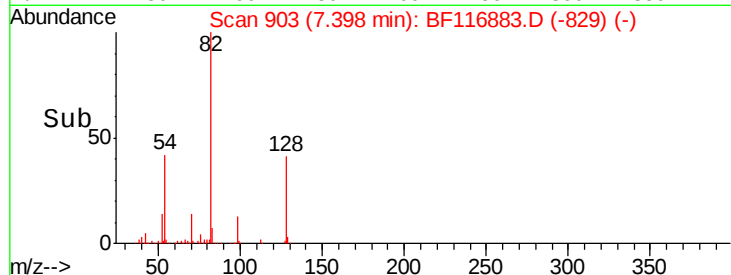
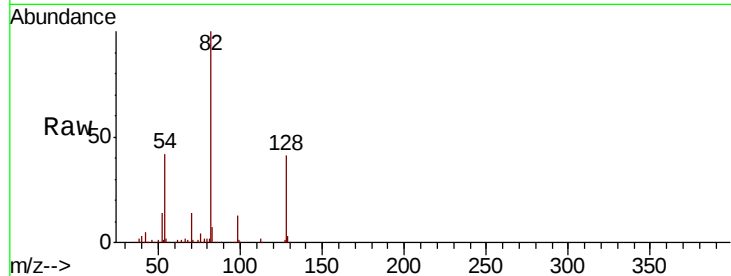
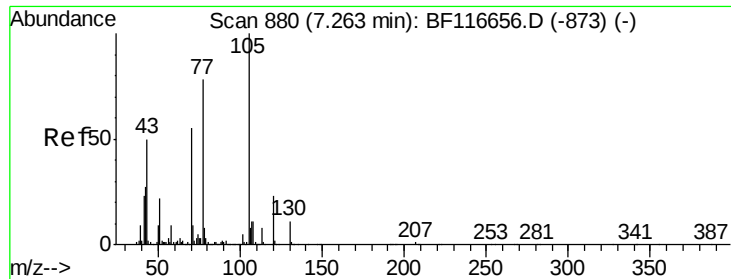
65 33.2 10.8 50.8

66 53.5 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

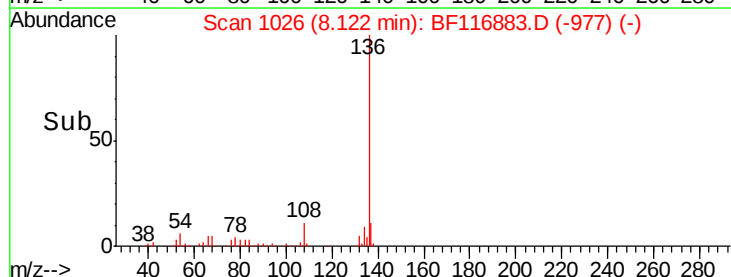
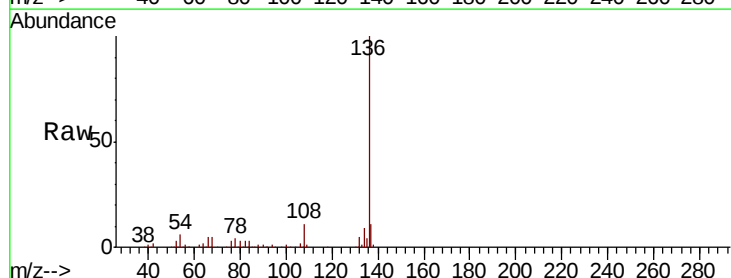
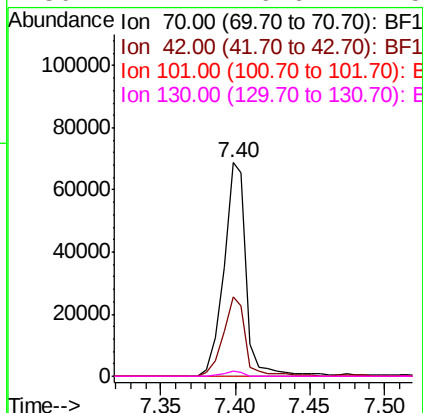




#19
n-Nitroso-di-n-propylamine
Concen: 17.295 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF116883.D
Acq: 8 Sep 2019 21:46

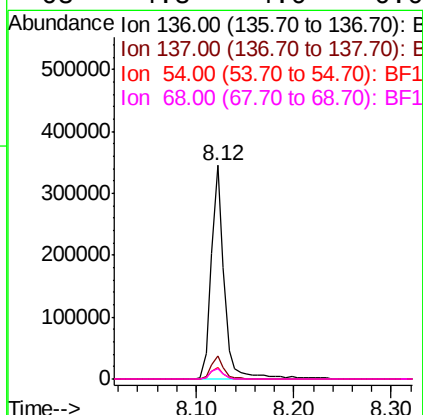
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	73122
Ion	Ratio	Lower	Upper
70	100		
42	36.9	43.5	65.3#
101	0.0	7.8	11.6#
130	2.1	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116883.D
Acq: 8 Sep 2019 21:46

Tgt Ion:	136	Resp:	319741
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.6	4.8	7.2
68	4.8	4.0	6.0

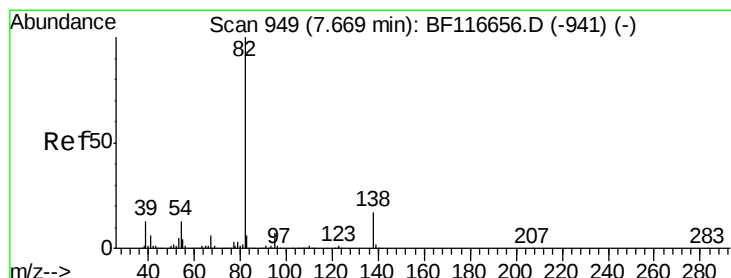
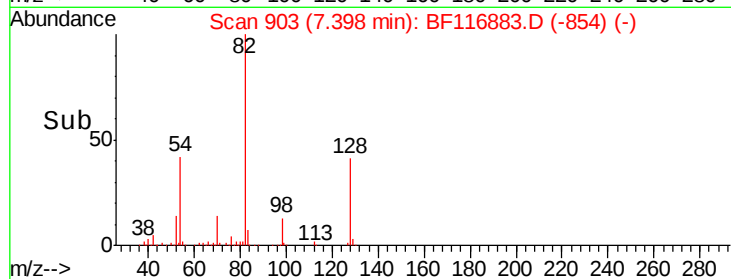
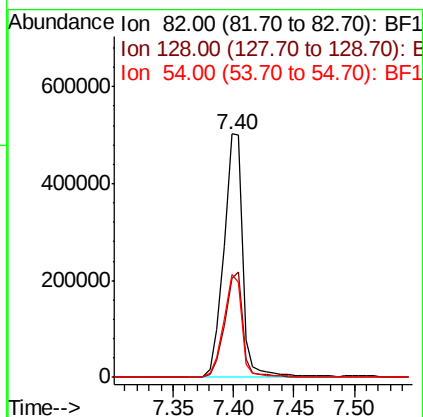
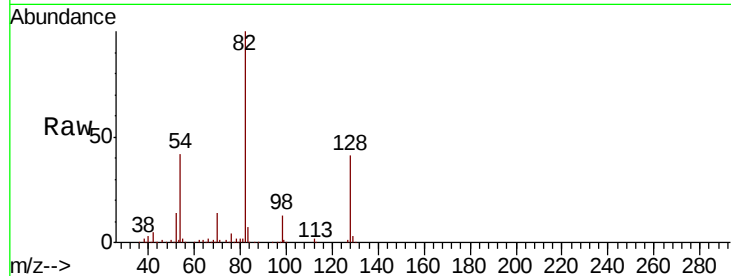




#23
Nitrobenzene-d5
Concen: 98.002 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116883.D
Acq: 8 Sep 2019 21:46

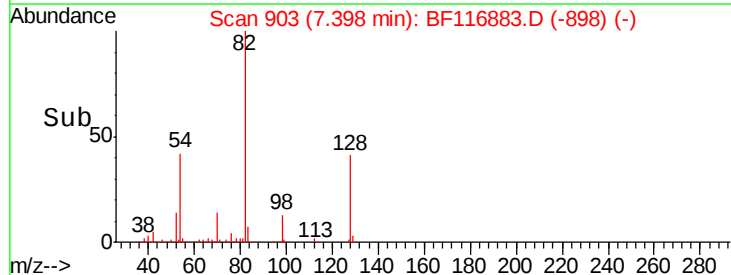
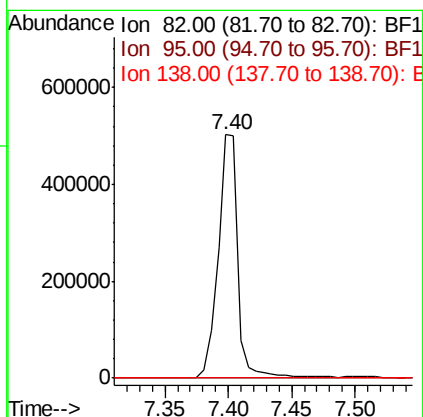
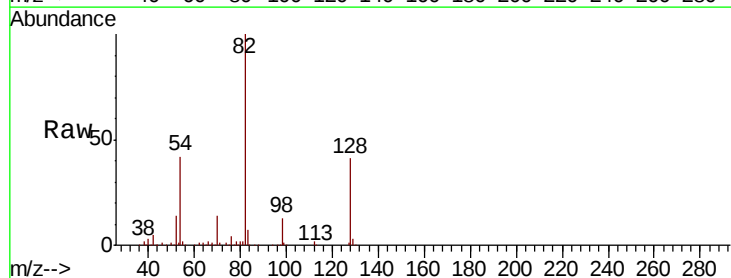
Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	548900
Ion Ratio	Lower	Upper	
82	100		
128	40.7	32.8	49.2
54	42.0	36.9	55.3



#25
Isophorone
Concen: 48.364 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF116883.D
Acq: 8 Sep 2019 21:46

Tgt Ion	82	Resp	548897
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

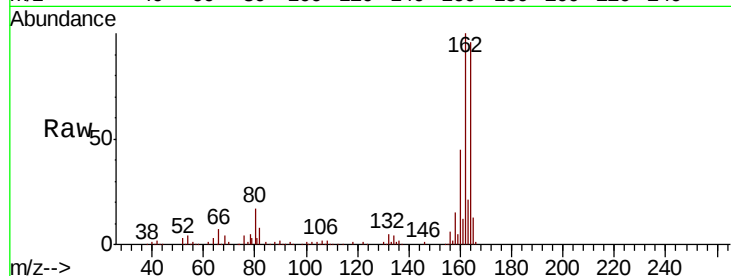




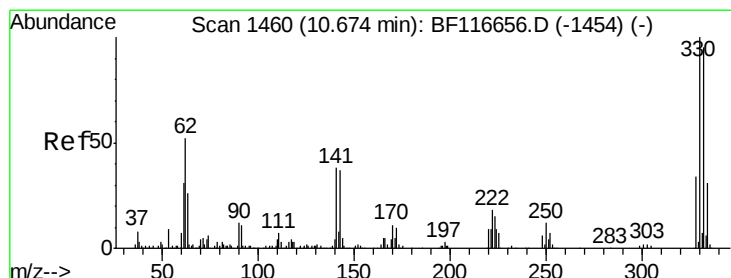
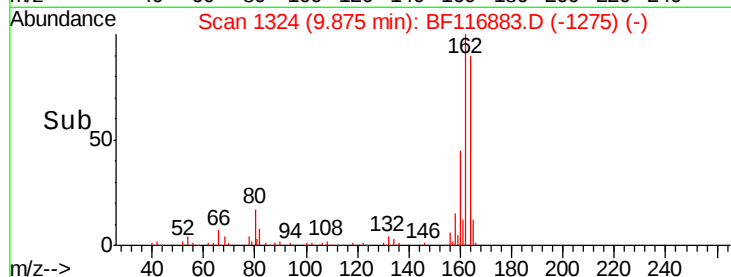
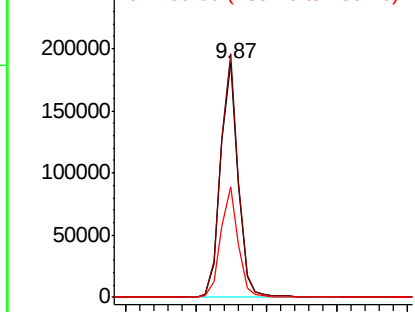
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116883.D
Acq: 8 Sep 2019 21:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 164042
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 47.2 35.4 53.2

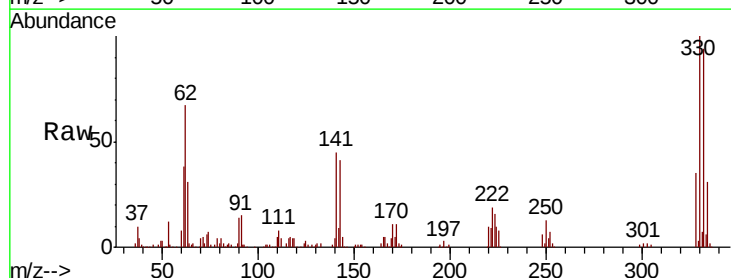


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

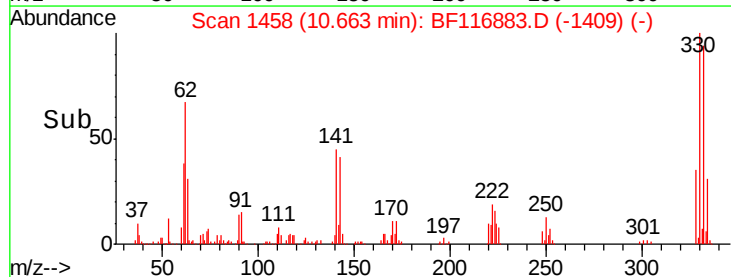
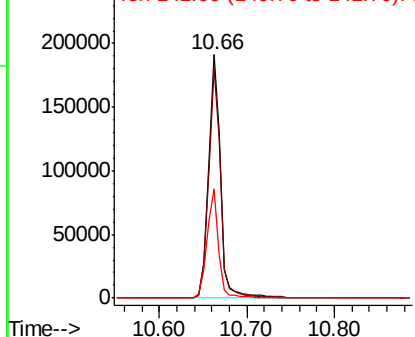


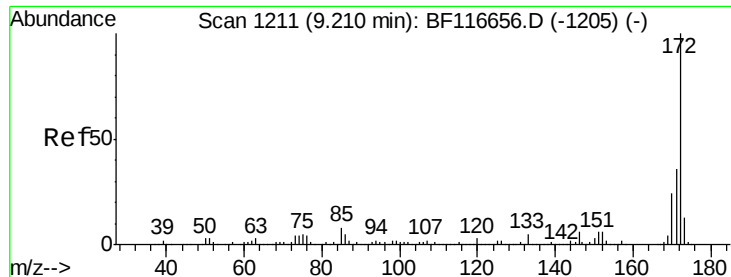
#42
2,4,6-Tribromophenol
Concen: 166.346 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116883.D
Acq: 8 Sep 2019 21:46

Tgt Ion:330 Resp: 182424
Ion Ratio Lower Upper
330 100
332 94.8 76.9 115.3
141 43.5 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

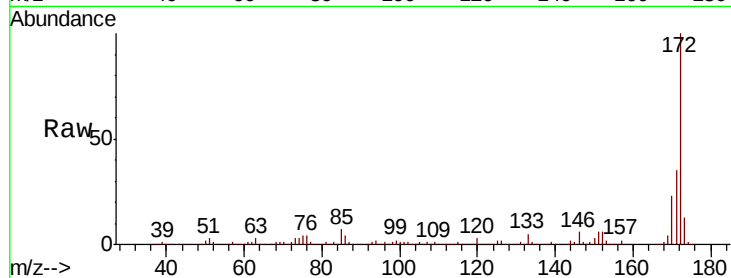




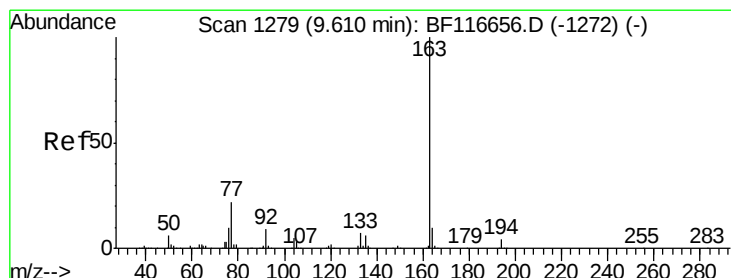
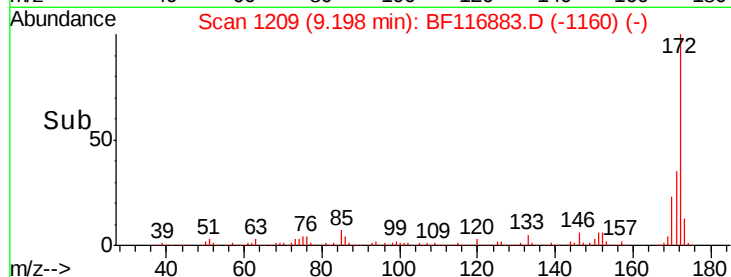
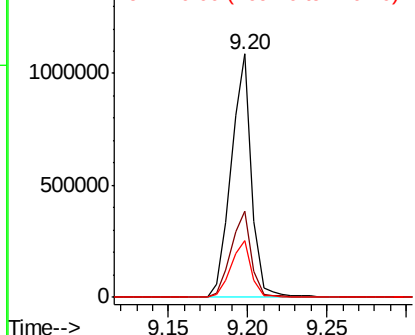
#45
2-Fluorobiphenyl
Concen: 100.081 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116883.D
Acq: 8 Sep 2019 21:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 973234
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 23.5 18.9 28.3

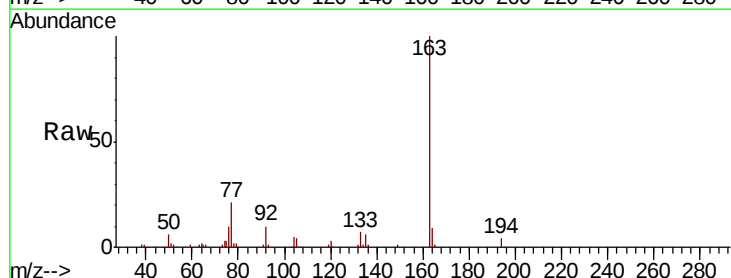


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

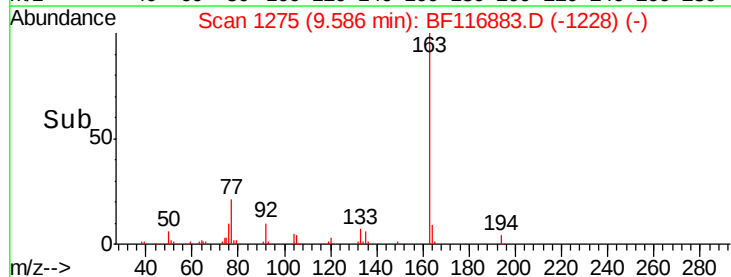
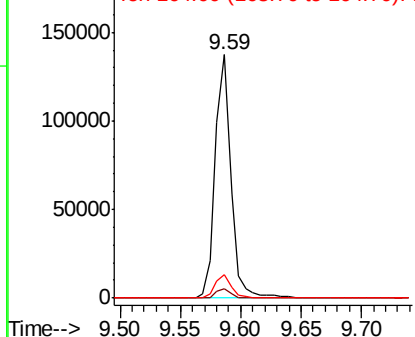


#50
Dimethylphthalate
Concen: 10.814 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116883.D
Acq: 8 Sep 2019 21:46

Tgt Ion:163 Resp: 122477
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.4 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

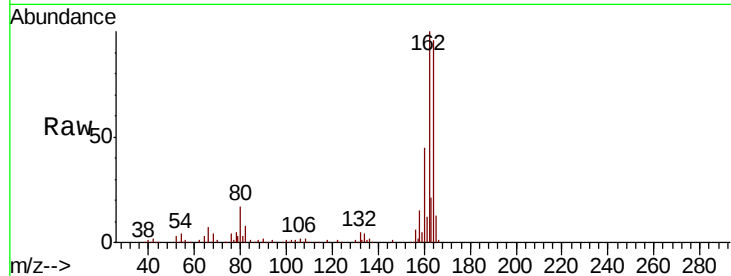




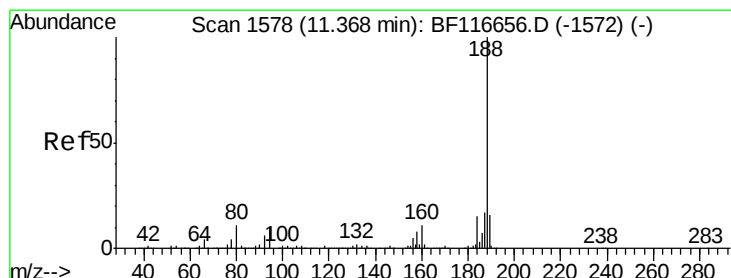
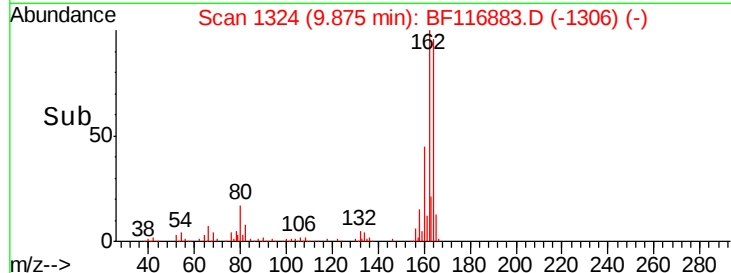
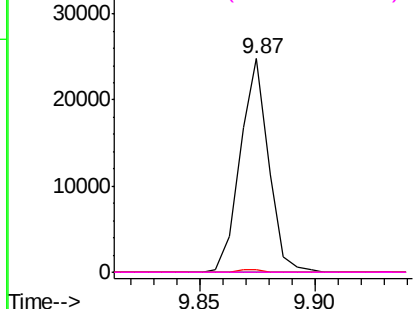
#57
 2,4-Dinitrotoluene
 Concen: 8.043 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF116883.D
 Acq: 8 Sep 2019 21:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	21252
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.3	62.6 94.0#
182	0.0	2.1 3.1#

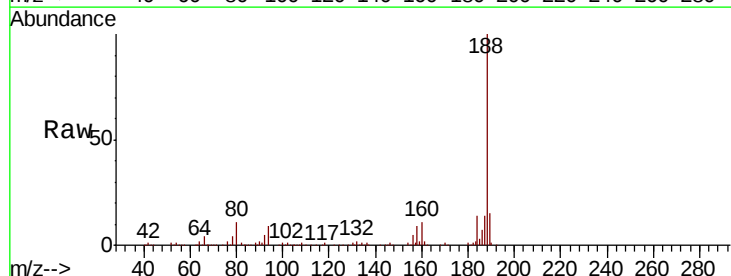


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

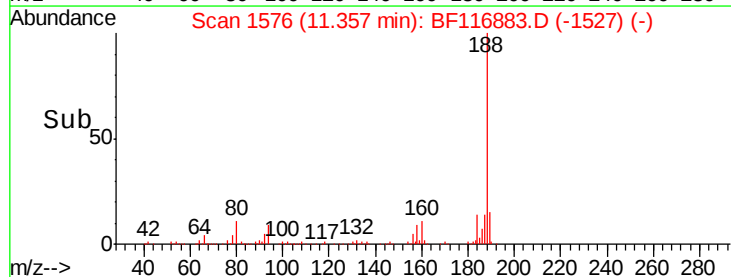
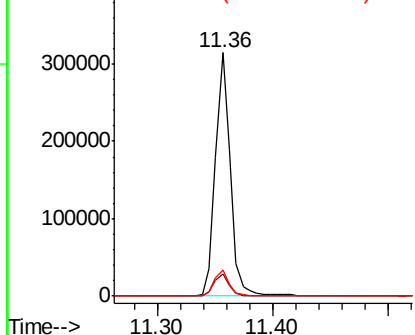


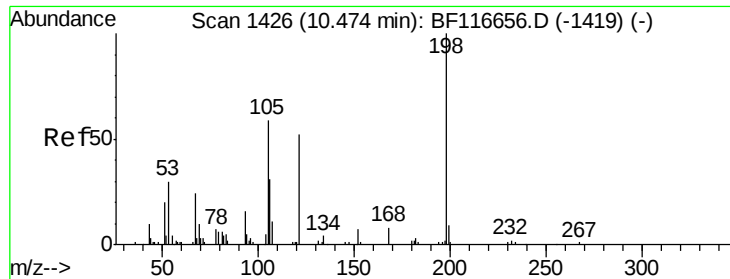
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116883.D
 Acq: 8 Sep 2019 21:46

Tgt Ion:188	Resp:	282816
Ion Ratio	Lower	Upper
188	100	
94	8.9	7.3 10.9
80	10.9	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

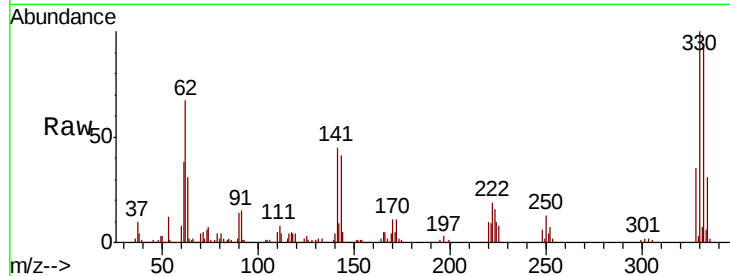




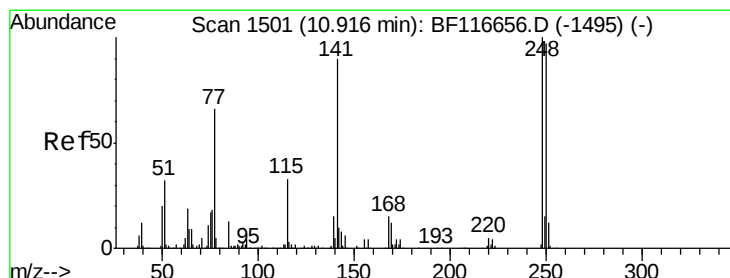
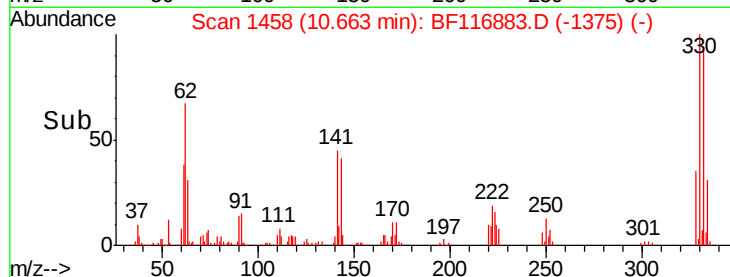
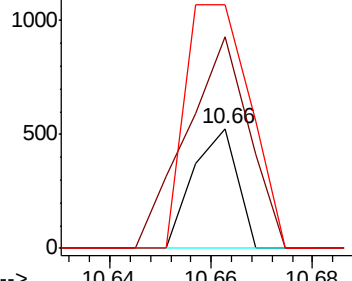
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.709 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.19 min
 Lab File: BF116883.D
 Acq: 8 Sep 2019 21:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 318
 Ion Ratio Lower Upper
 198 100
 51 176.2 18.4 58.4#
 105 203.0 22.9 62.9#

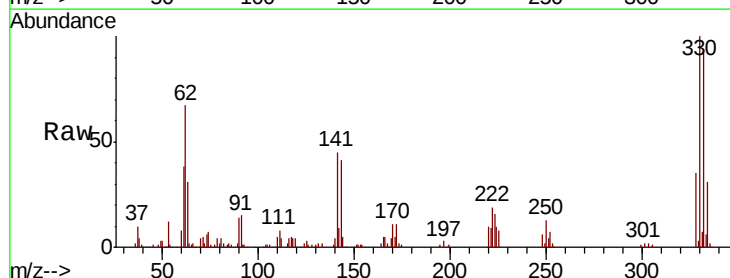


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

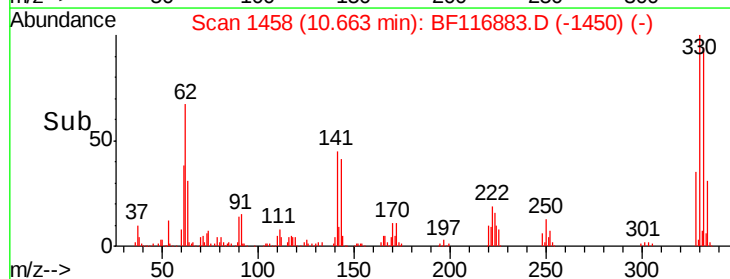
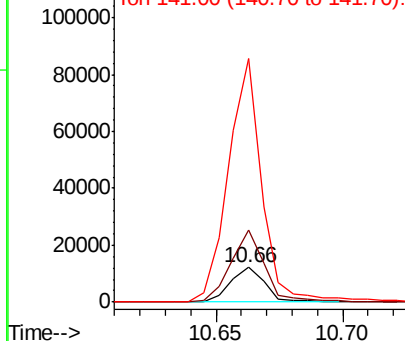


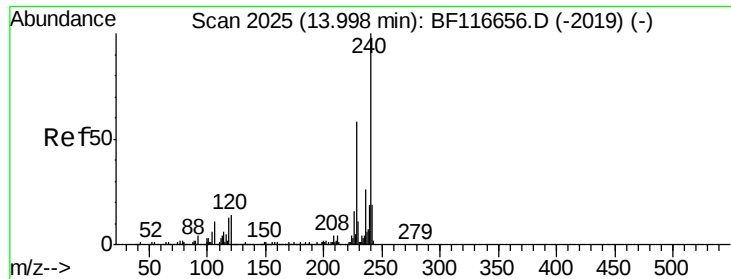
#67
 4-Bromophenyl-phenylether
 Concen: 3.939 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116883.D
 Acq: 8 Sep 2019 21:46

Tgt Ion:248 Resp: 11318
 Ion Ratio Lower Upper
 248 100
 250 208.7 77.8 116.8#
 141 708.7 75.9 113.9#



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

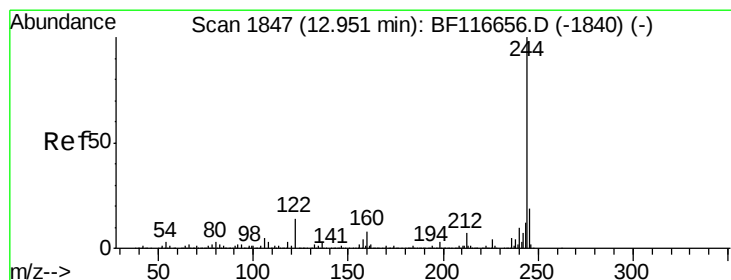
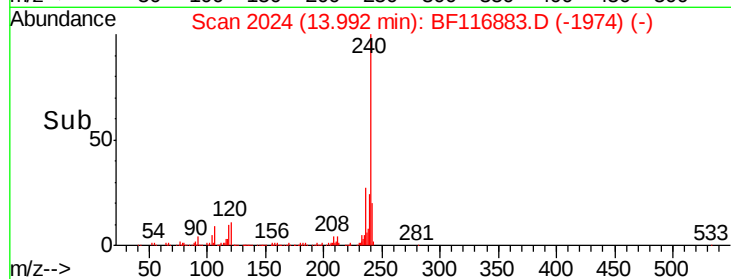
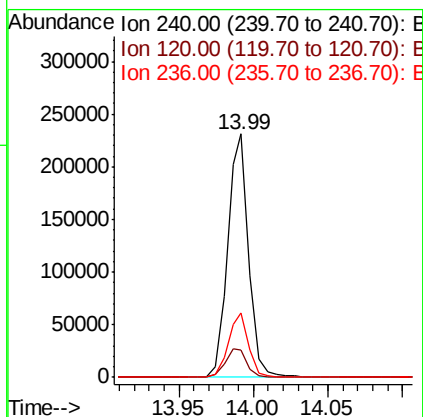
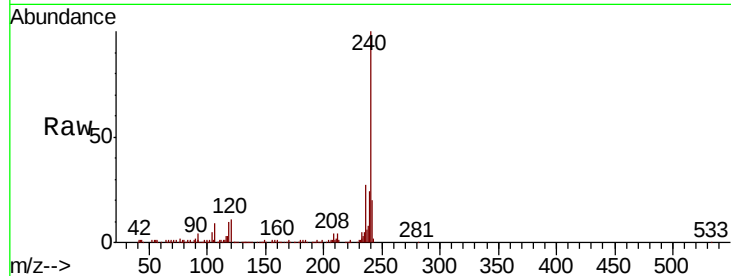




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116883.D
Acq: 8 Sep 2019 21:46

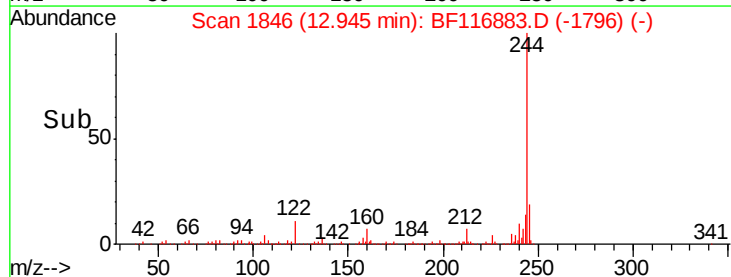
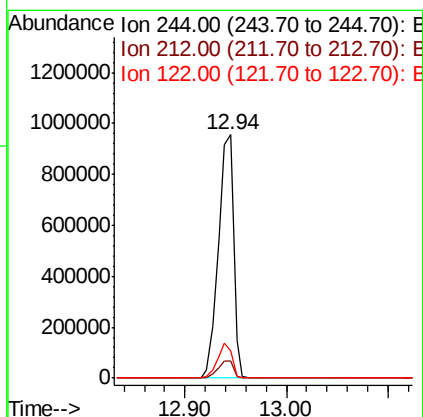
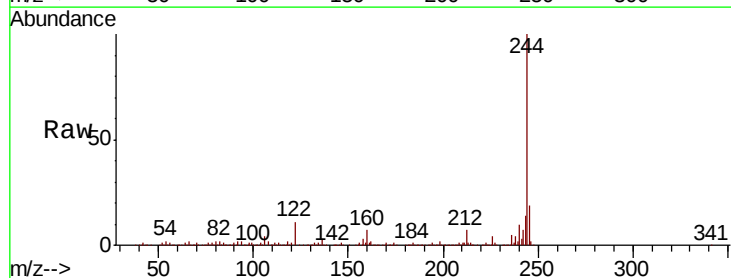
Instrument :
BNA_F
ClientSampleId :

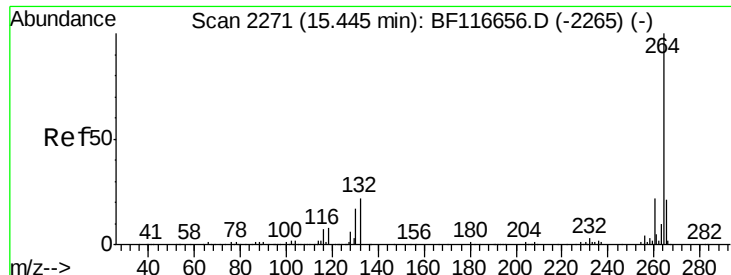
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.1	13.7
236	26.6	21.1	31.7



#79
Terphenyl-d14
Concen: 80.788 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116883.D
Acq: 8 Sep 2019 21:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	11.3	10.2	15.4

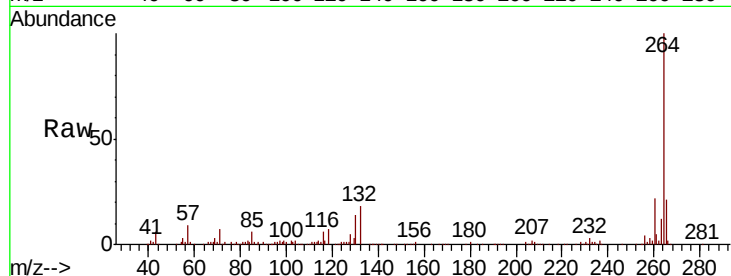




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF116883.D
 Acq: 8 Sep 2019 21:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.3	27.5
265	21.2	16.5	24.7



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

