

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116839.D
 Acq On : 5 Sep 2019 15:48
 Operator : HP/JU
 Sample : K4680-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 03:54:20 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

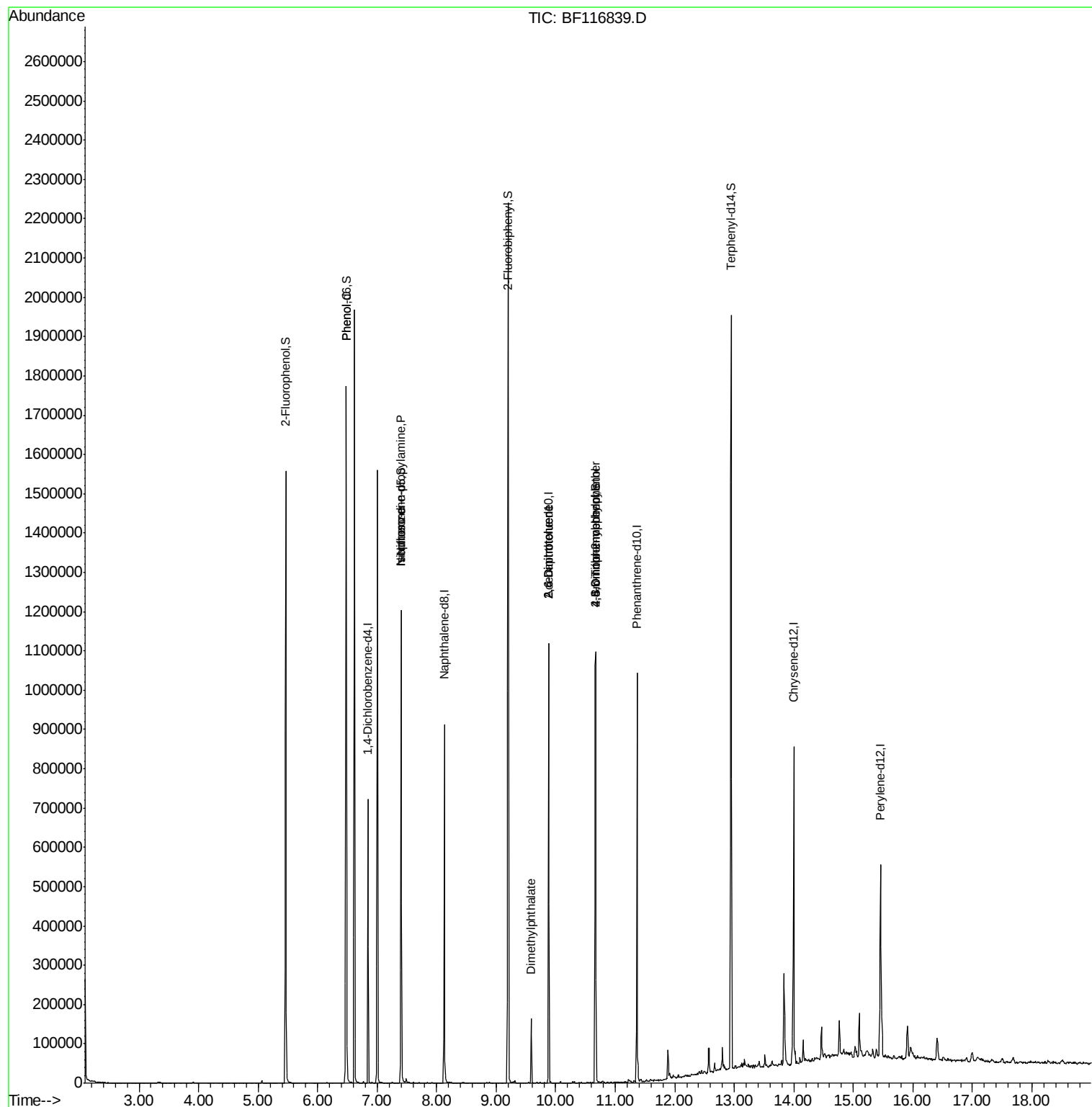
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	94127	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	387757	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	203120	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	324146	20.00	ng	0.00
76) Chrysene-d12	14.00	240	238219	20.00	ng	0.00
87) Perylene-d12	15.46	264	216819	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	457664	78.77	ng	0.00
7) Phenol-d6	6.48	99	628499	82.38	ng	0.00
23) Nitrobenzene-d5	7.40	82	380121	55.96	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	123786	91.16	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	674507	56.02	ng	-0.01
79) Terphenyl-d14	12.95	244	598062	46.44	ng	0.00
Target Compounds						
10) Phenol	6.49	94	17193	2.035	ng	# 67
19) n-Nitroso-di-n-propylamine	7.40	70	49347	9.823	ng	# 73
25) Isophorone	7.40	82	380114	27.617	ng	# 66
50) Dimethylphthalate	9.59	163	61574	4.391	ng	# 99
51) 2,6-Dinitrotoluene	9.88	165	26220	9.800	ng	# 20
57) 2,4-Dinitrotoluene	9.88	165	26220	8.015	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.66	198	227	7.612	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	7992	2.427	ng	# 1

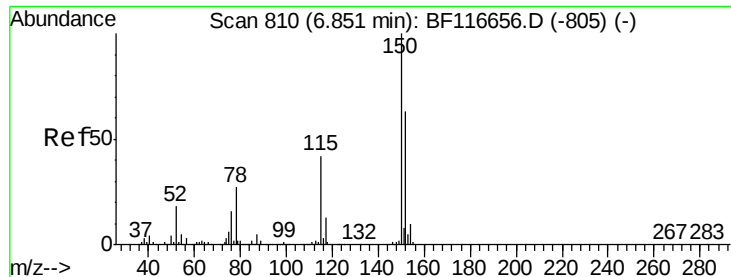
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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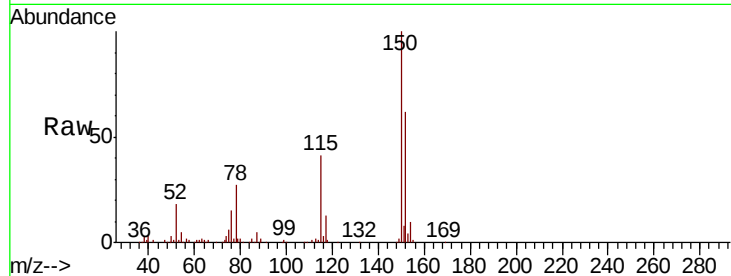




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF116839.D
 Acq: 5 Sep 2019 15:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.4	186.6
115	65.8	49.9	74.9

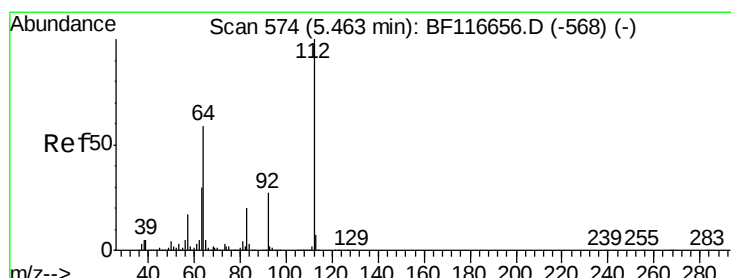
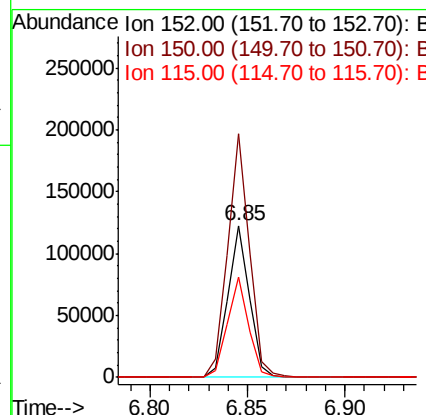
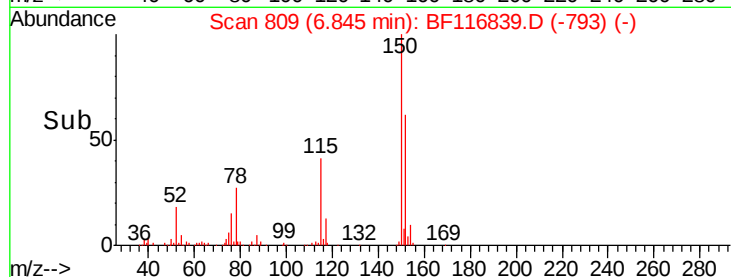


Abundance

Ion 152.00 (151.70 to 152.70): E

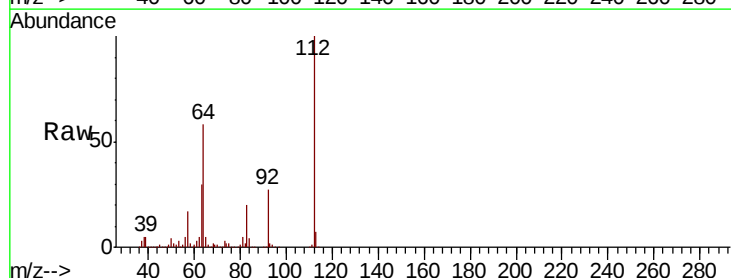
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 78.770 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF116839.D
 Acq: 5 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.1	70.7
63	30.3	24.9	37.3

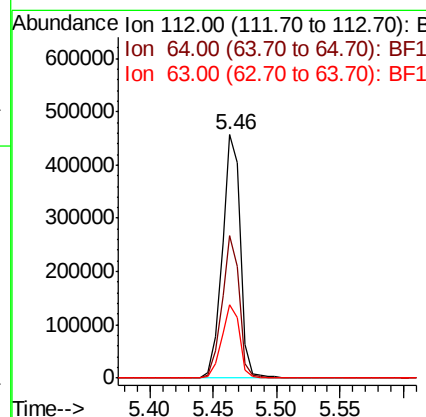
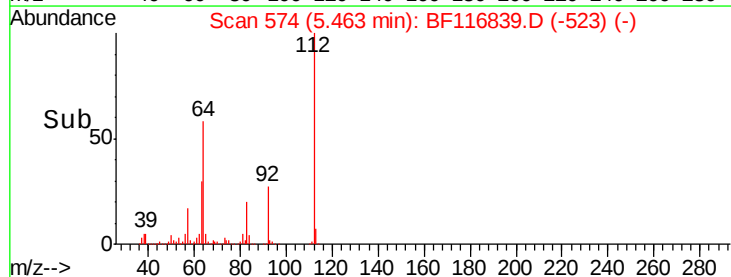


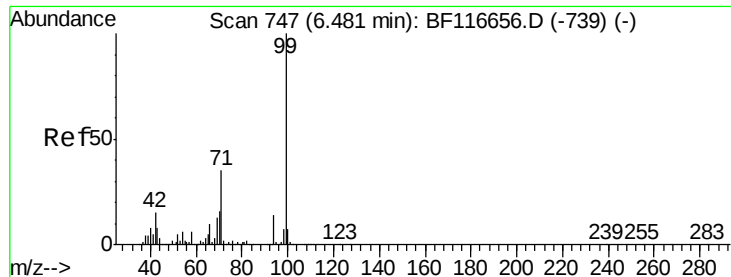
Abundance

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: 82.380 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116839.D

Acq: 5 Sep 2019 15:48

Instrument :

BNA_F

ClientSampleId :

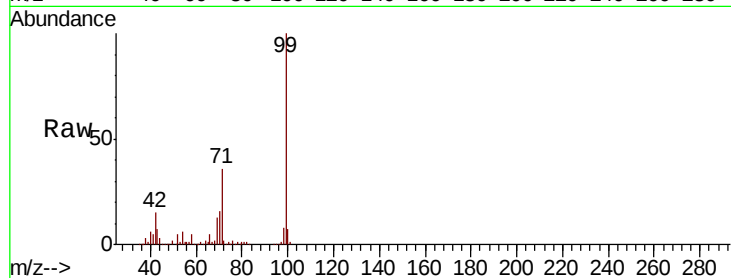
Tot Ion: 99 Resp: 628499

Ion Ratio Lower Upper

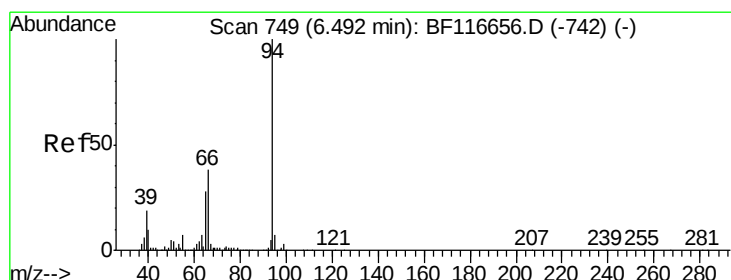
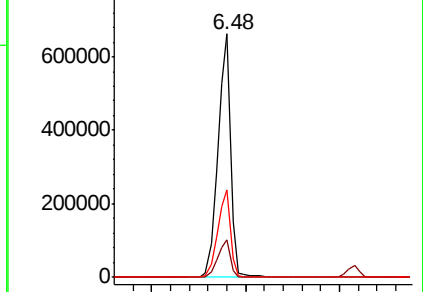
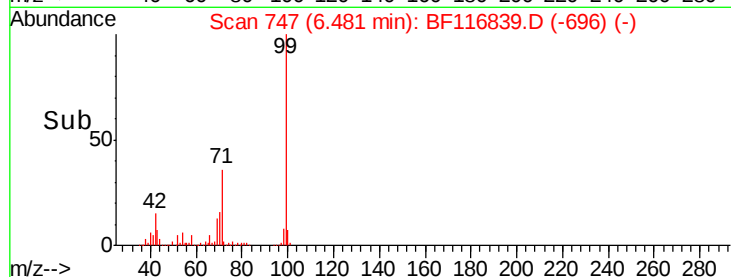
99 100

42 15.4 13.7 20.5

71 35.9 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: 2.035 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116839.D

Acq: 5 Sep 2019 15:48

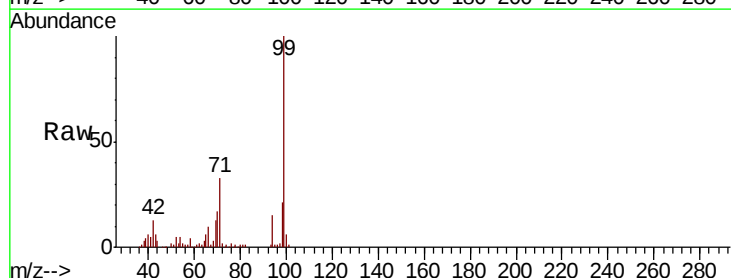
Tgt Ion: 94 Resp: 17193

Ion Ratio Lower Upper

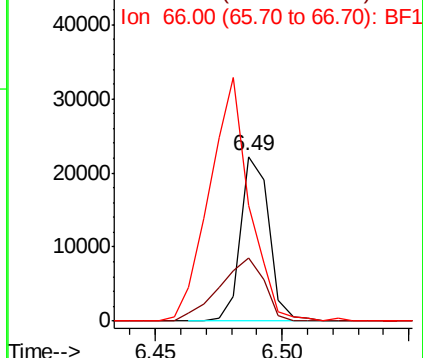
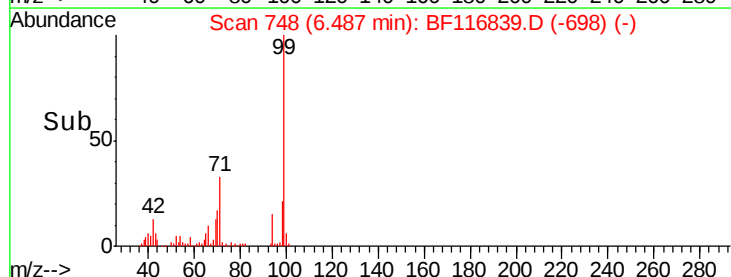
94 100

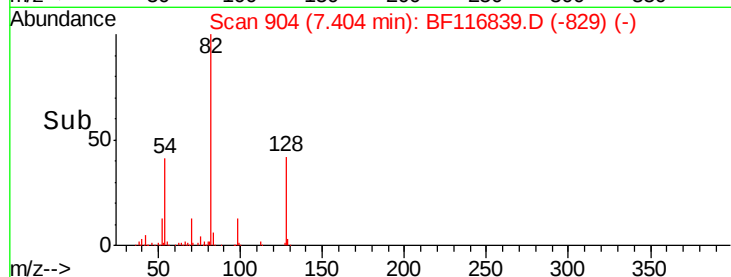
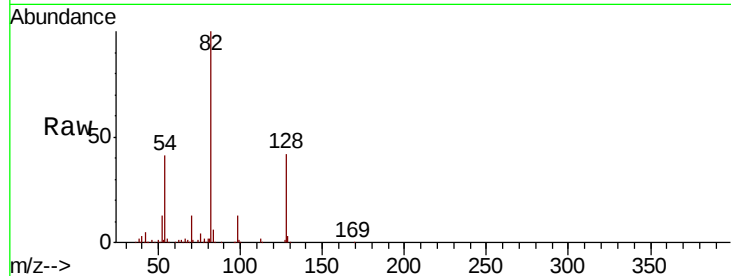
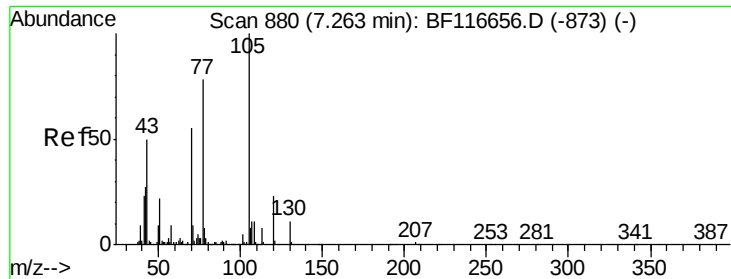
65 38.5 10.8 50.8

66 70.4 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

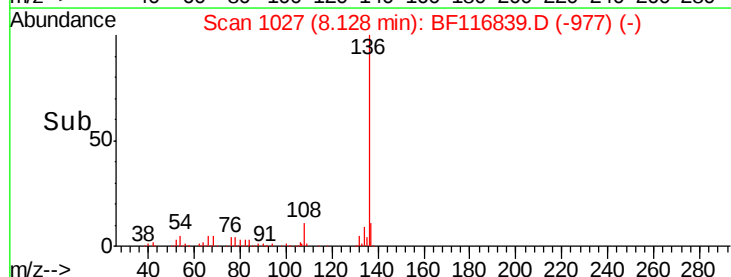
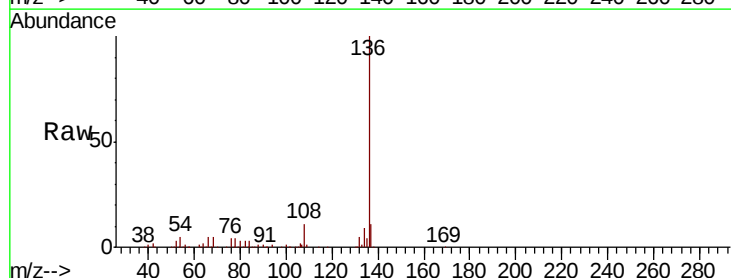
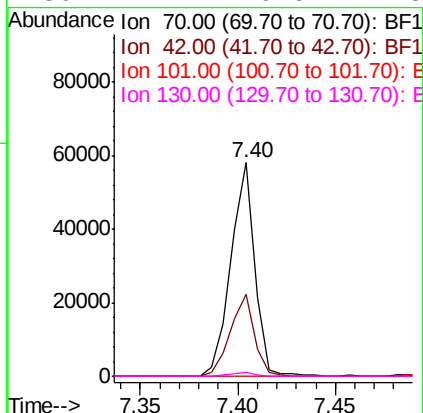




#19
n-Nitroso-di-n-propylamine
Concen: 9.823 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

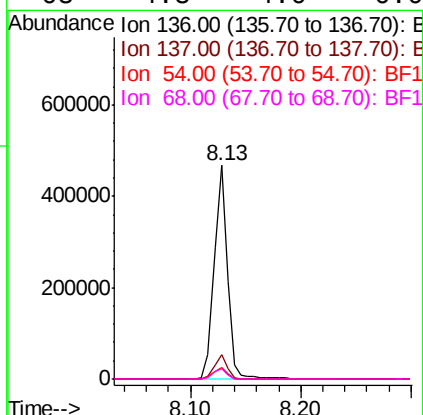
Instrument :
BNA_F
ClientSampleId :

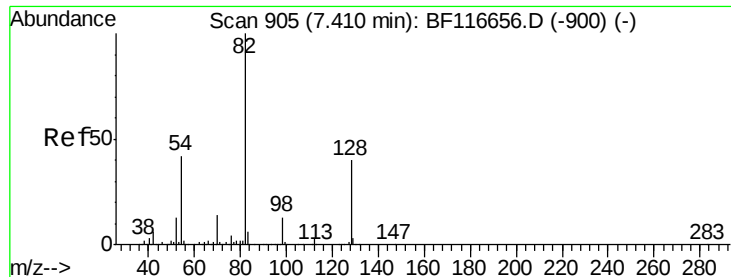
Tot Ion:	70	Resp:	49347
Ion	Ratio	Lower	Upper
70	100		
42	38.4	43.5	65.3#
101	0.0	7.8	11.6#
130	1.7	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

Tgt Ion:	136	Resp:	387757
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	5.5	4.8	7.2
68	4.8	4.0	6.0

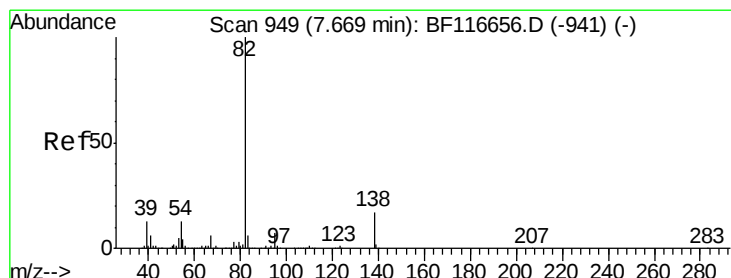
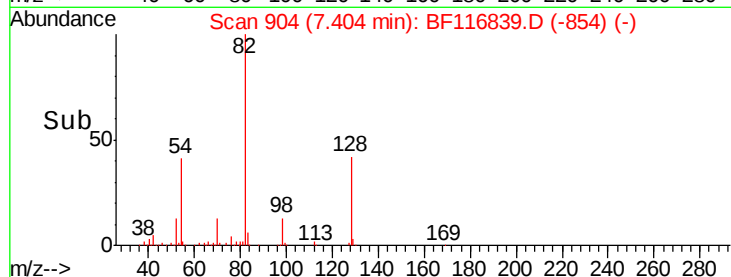
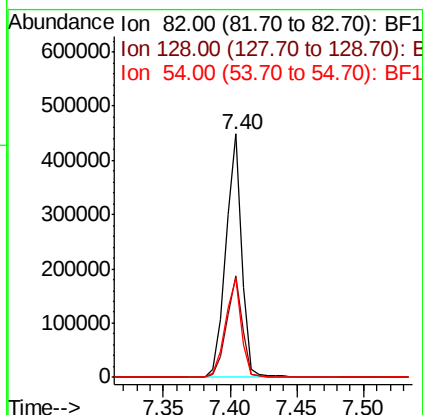
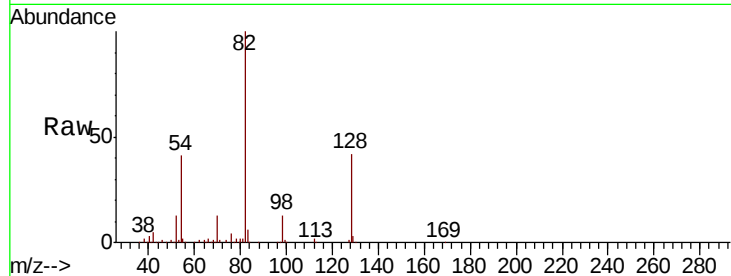




#23
Nitrobenzene-d5
Concen: 55.963 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

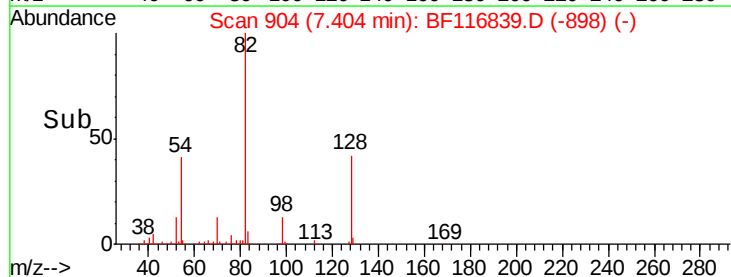
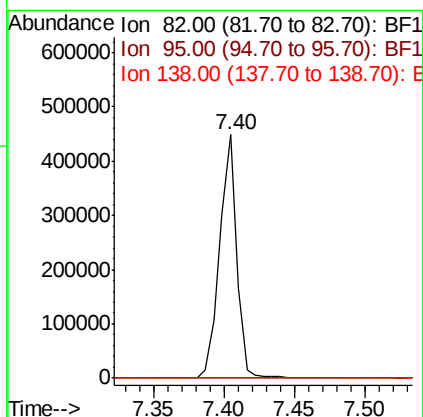
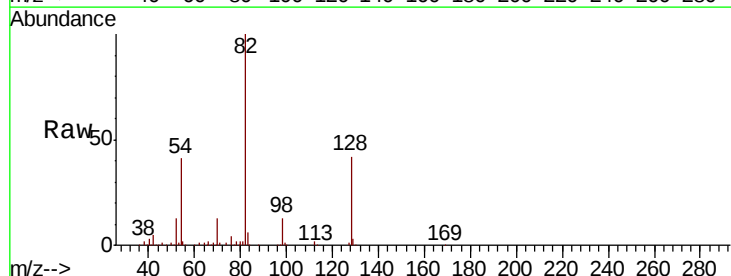
Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	380121
Ion Ratio	Lower	Upper	
82	100		
128	41.5	32.8	49.2
54	40.7	36.9	55.3



#25
Isophorone
Concen: 27.617 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

Tgt Ion	82	Resp	380114
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

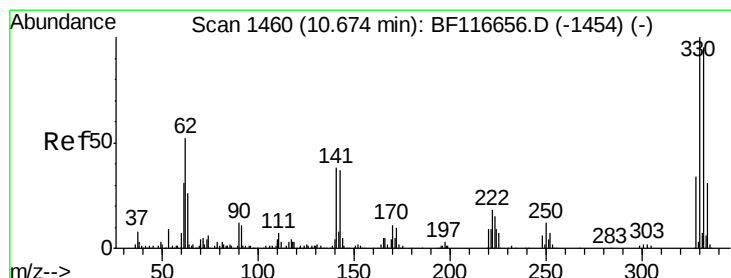
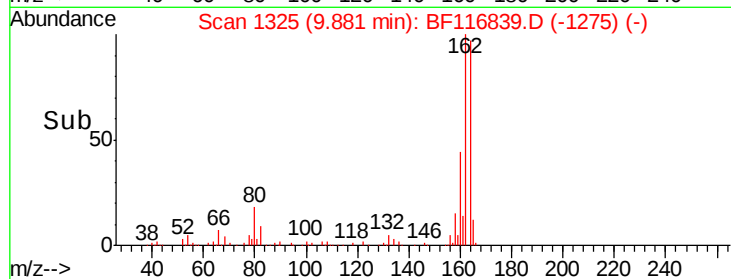
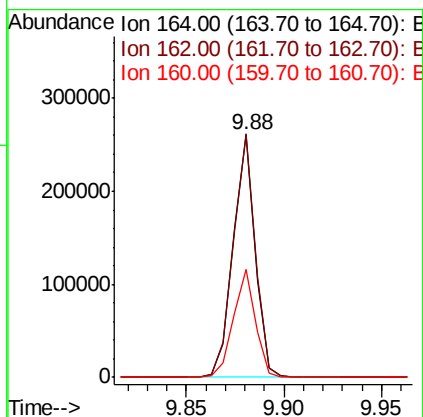
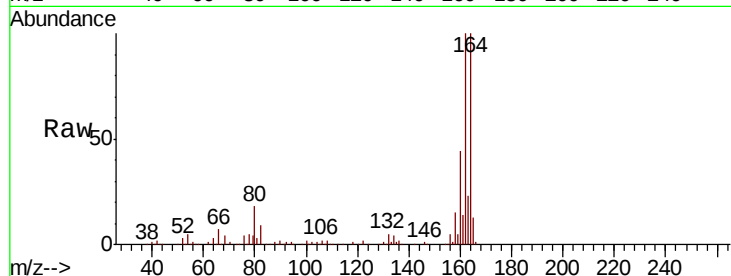




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF116839.D
 Acq: 5 Sep 2019 15:48

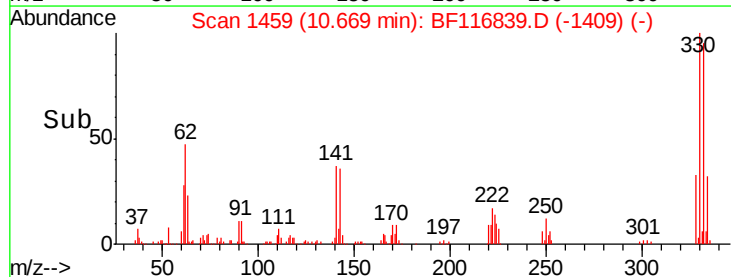
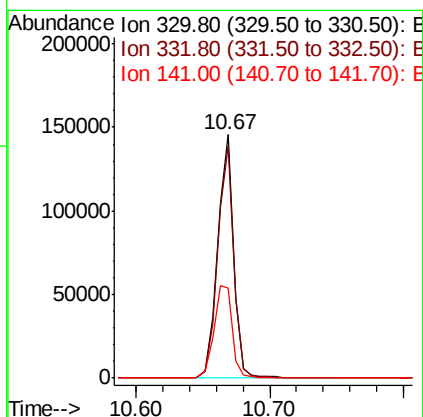
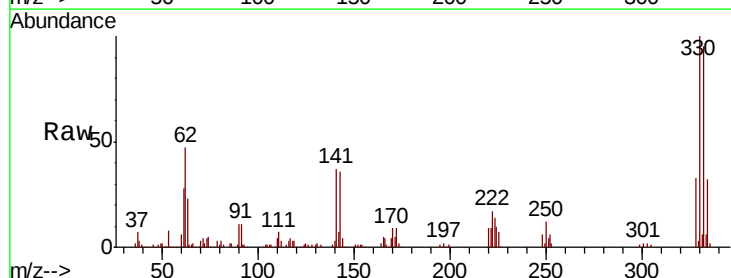
Instrument :
 BNA_F
 ClientSampleId :

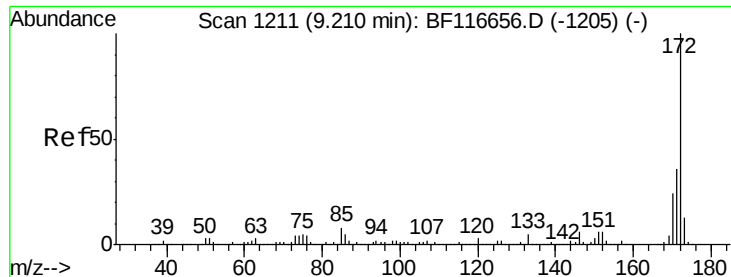
Tot Ion:164 Resp: 203120
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.4 122.0
 160 44.3 35.4 53.2



#42
 2,4,6-Tribromophenol
 Concen: 91.160 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116839.D
 Acq: 5 Sep 2019 15:48

Tgt Ion:330 Resp: 123786
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.9 115.3
 141 43.1 31.4 47.2

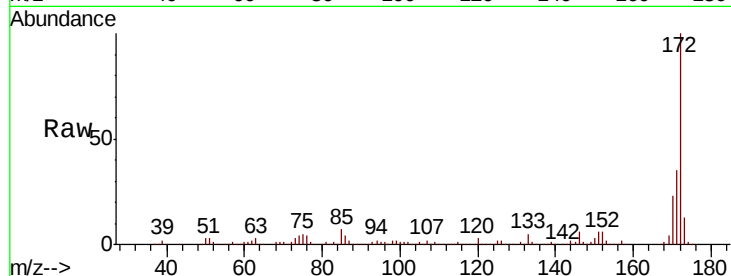




#45
2-Fluorobiphenyl
Concen: 56.017 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.2	18.9	28.3

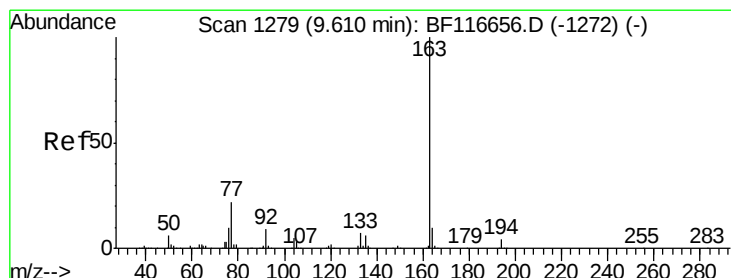
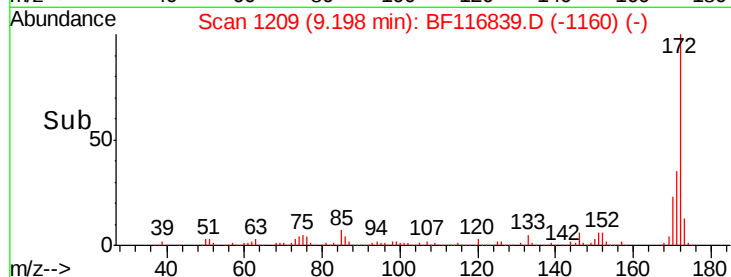
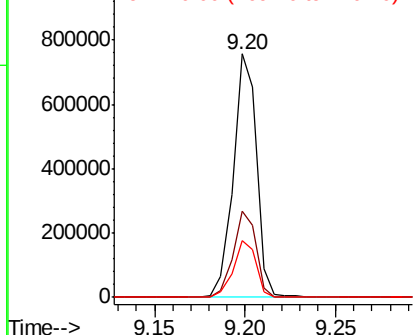


Abundance

Ion 172.00 (171.70 to 172.70): E

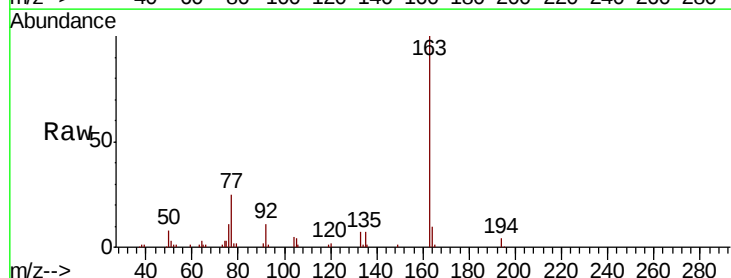
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.391 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	10.1	8.6	12.8

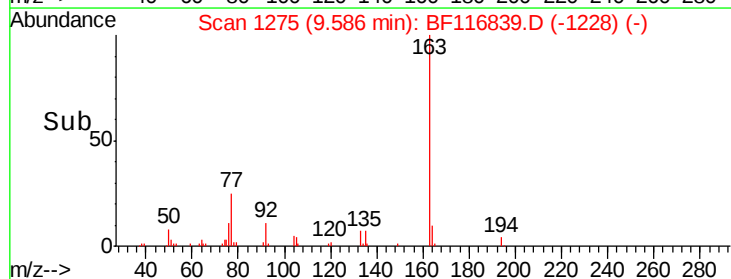
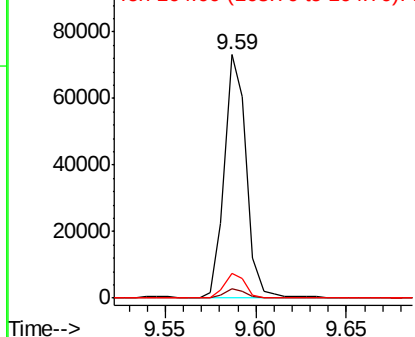


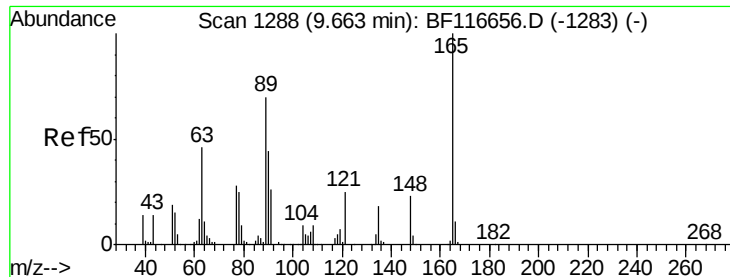
Abundance

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





#51

2,6-Dinitrotoluene

Concen: 9.800 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.22 min

Lab File: BF116839.D

Acq: 5 Sep 2019 15:48

Instrument :
BNA_F
ClientSampleId :

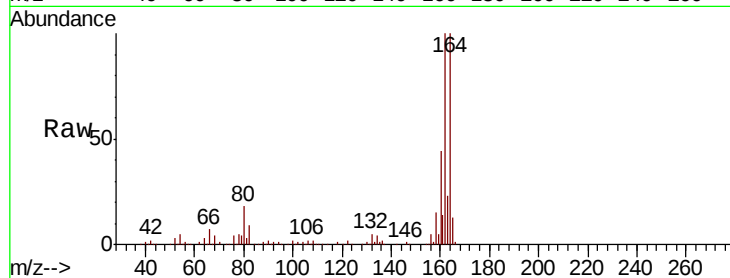
Tot Ion:165 Resp: 26220

Ion Ratio Lower Upper

165 100

63 0.0 47.3 70.9#

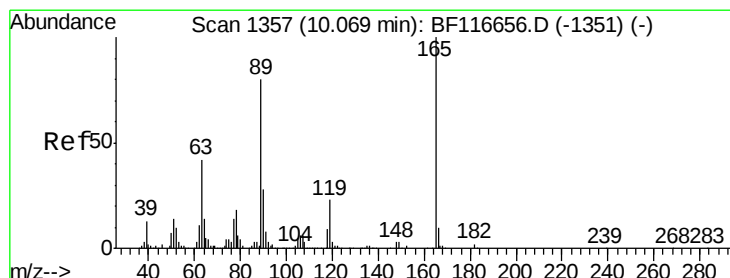
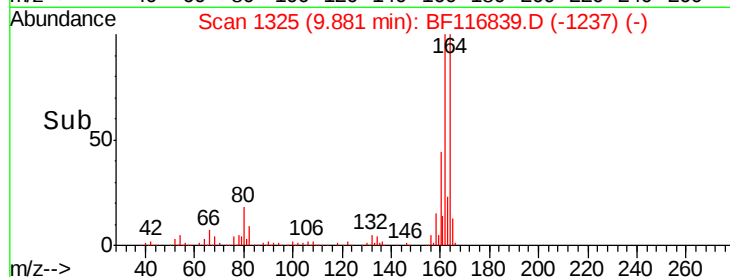
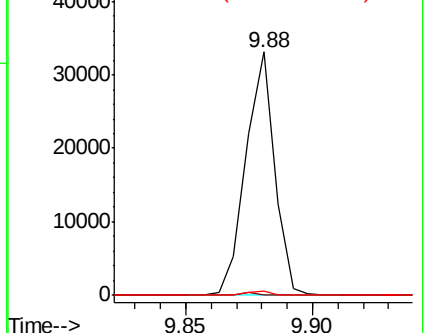
89 1.6 52.5 78.7#



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: 8.015 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF116839.D

Acq: 5 Sep 2019 15:48

Tgt Ion:165 Resp: 26220

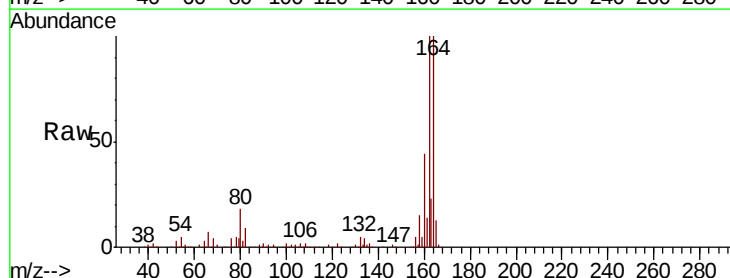
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.6 62.6 94.0#

182 0.0 2.1 3.1#

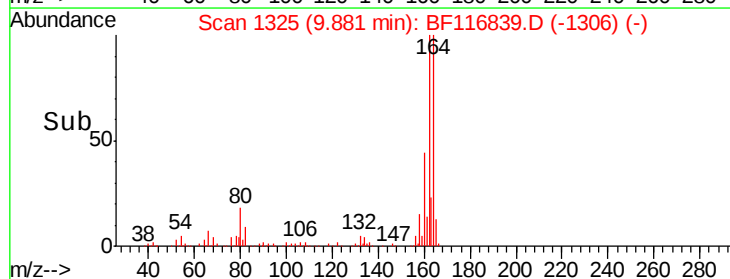
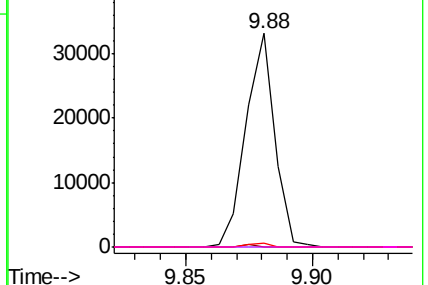


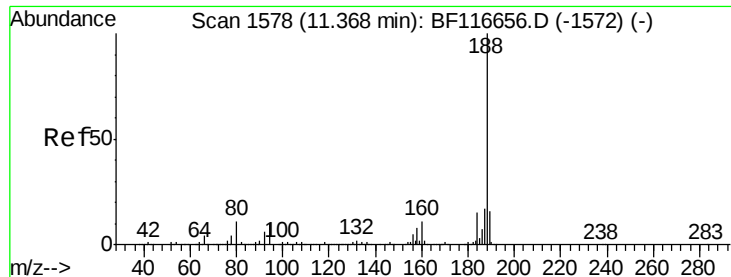
Abundance Ion 165.00 (164.70 to 165.70): E

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

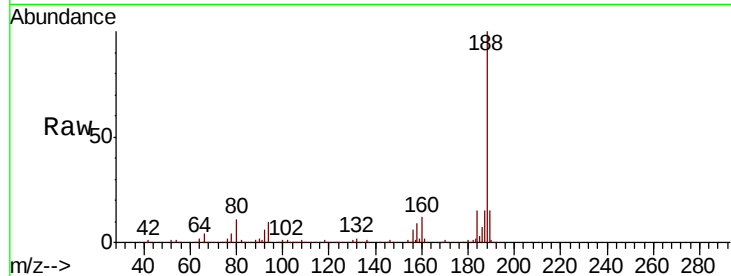




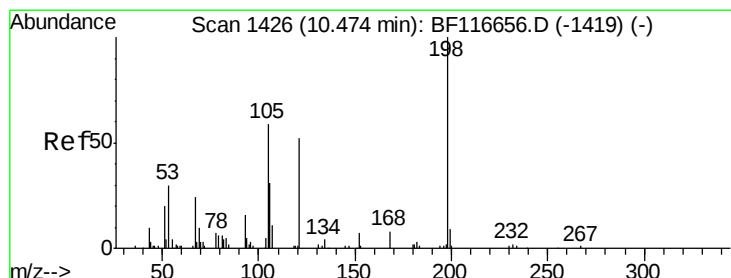
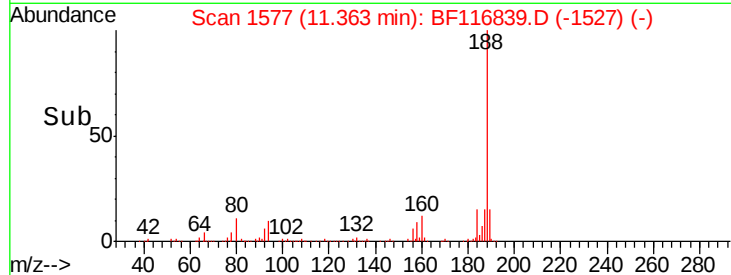
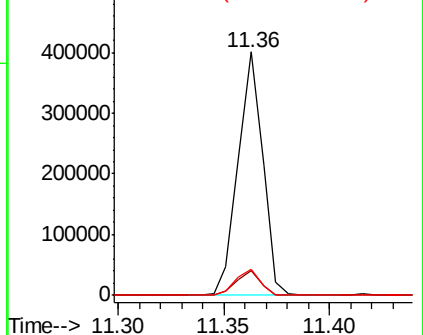
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 324146
Ion Ratio Lower Upper
188 100
94 9.9 7.3 10.9
80 10.6 8.4 12.6

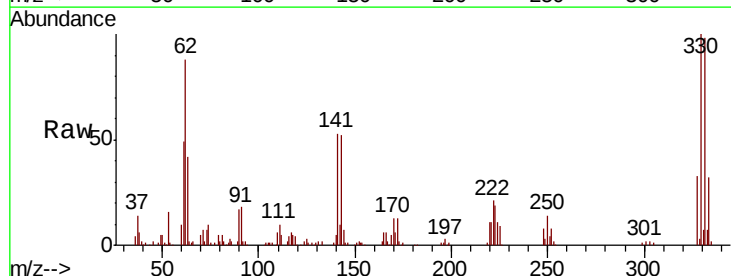


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

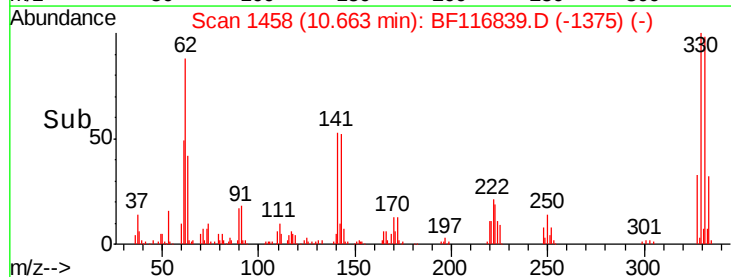
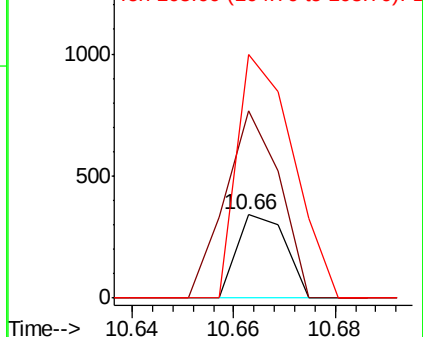


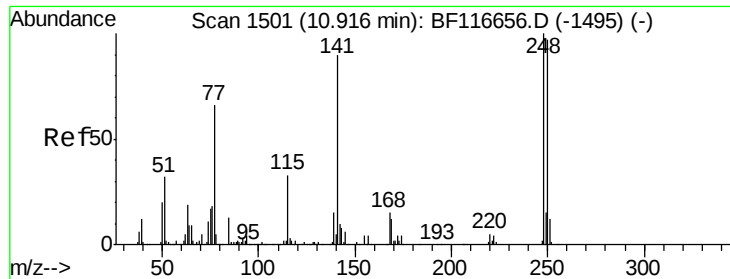
#65
4,6-Dinitro-2-methylphenol
Concen: 7.612 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

Tgt Ion:198 Resp: 227
Ion Ratio Lower Upper
198 100
51 224.6 18.4 58.4#
105 292.4 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

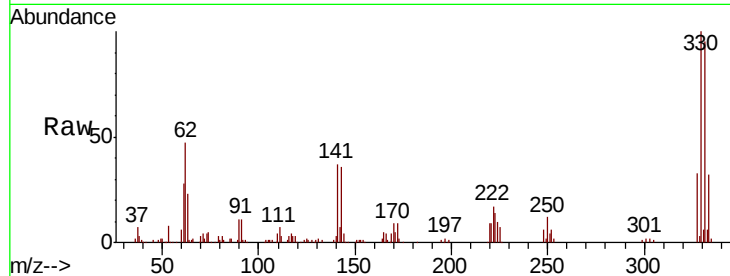




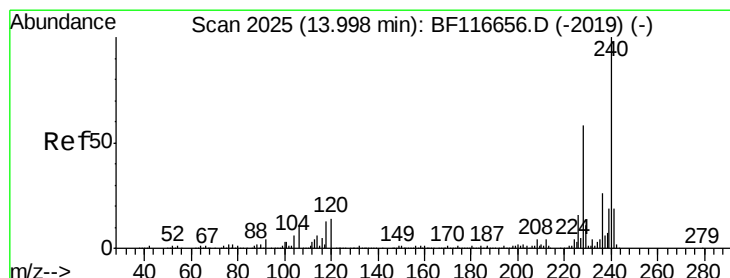
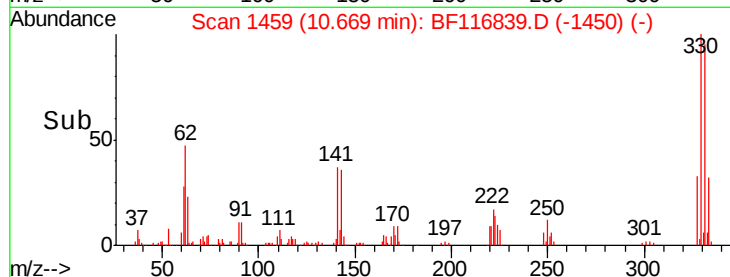
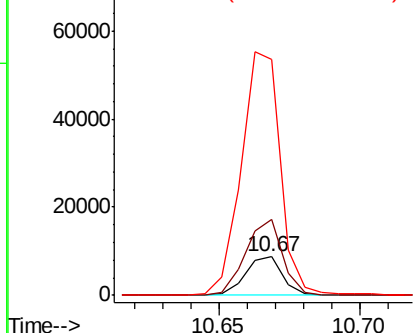
#67
4-Bromophenyl-phenylether
Concen: 2.427 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7992
Ion Ratio Lower Upper
248 100
250 196.4 77.8 116.8#
141 608.6 75.9 113.9#

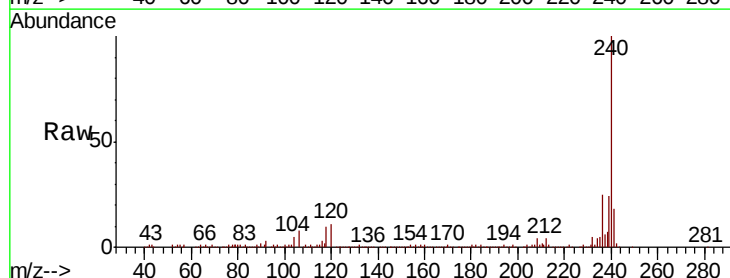


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

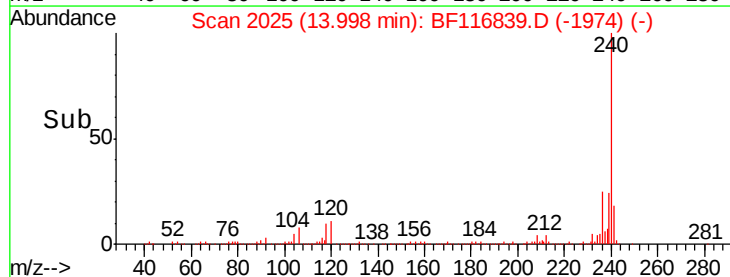
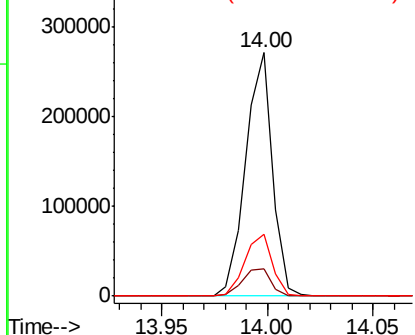


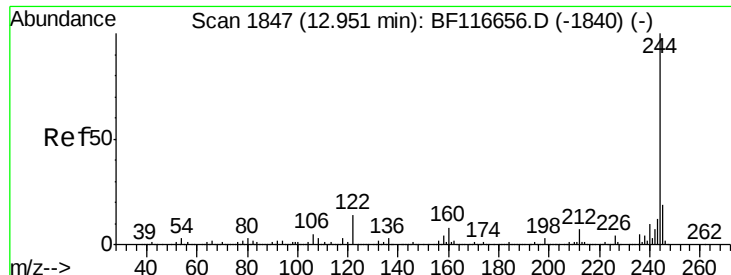
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

Tgt Ion:240 Resp: 238219
Ion Ratio Lower Upper
240 100
120 11.0 9.1 13.7
236 25.4 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

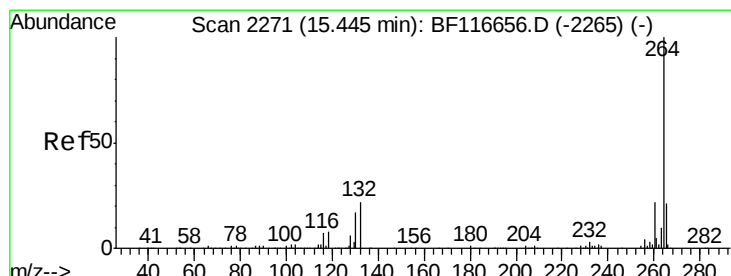
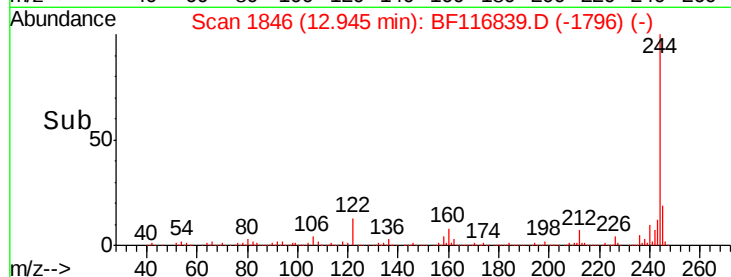
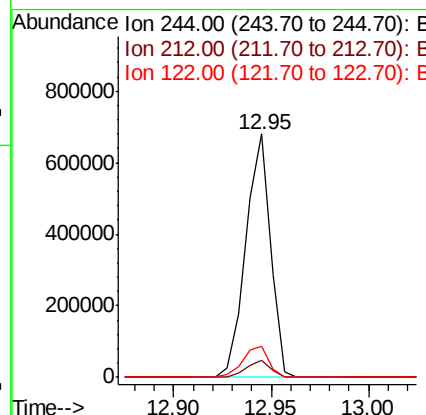
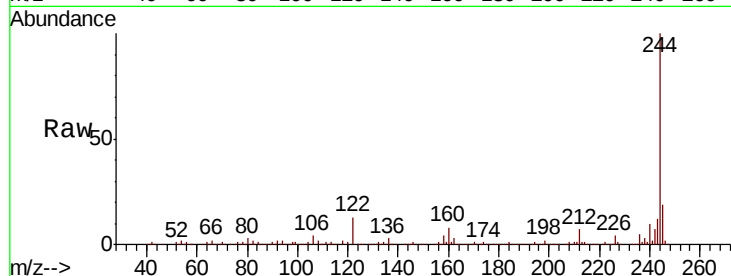




#79
 Terphenyl-d14
 Concen: 46.444 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116839.D
 Acq: 5 Sep 2019 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 598062
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.8 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF116839.D
 Acq: 5 Sep 2019 15:48

Tgt Ion:264 Resp: 216819
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 21.6 16.5 24.7

