

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116154.D
 Acq On : 10 Aug 2019 17:41
 Operator : HP/JU
 Sample : K4219-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:56:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

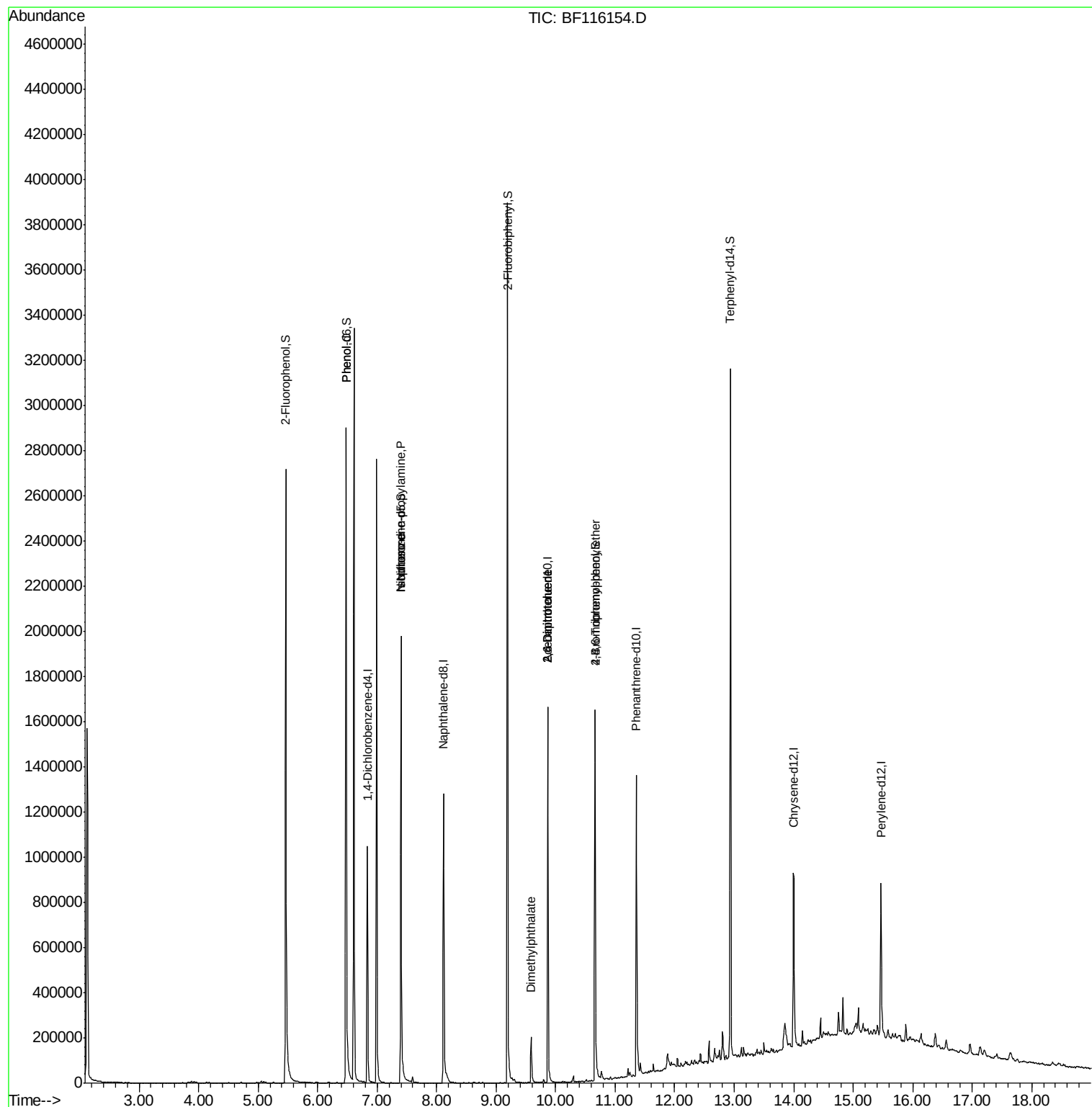
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	172351	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	694037	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	347037	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	523292	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	294279	20.00	ng	0.00
87) Perylene-d12	15.47	264	331676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	946246	91.91	ng	0.00
7) Phenol-d6	6.48	99	1237715	95.29	ng	0.00
23) Nitrobenzene-d5	7.40	82	824277	68.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	242464	72.06	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1281119	69.15	ng	-0.01
79) Terphenyl-d14	12.94	244	1023972	73.32	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	108594	7.099	ng	89
19) n-Nitroso-di-n-propylamine	7.40	70	107254	13.325	ng	# 77
25) Isophorone	7.40	82	824916	35.880	ng	# 65
50) Dimethylphthalate	9.59	163	113994	4.824	ng	98
51) 2,6-Dinitrotoluene	9.87	165	43995	8.568	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	44112	6.452	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	14495	2.588	ng	# 1

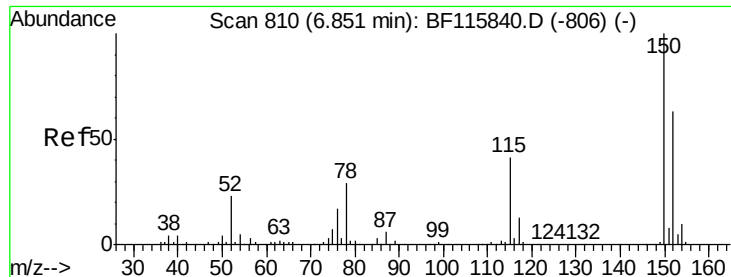
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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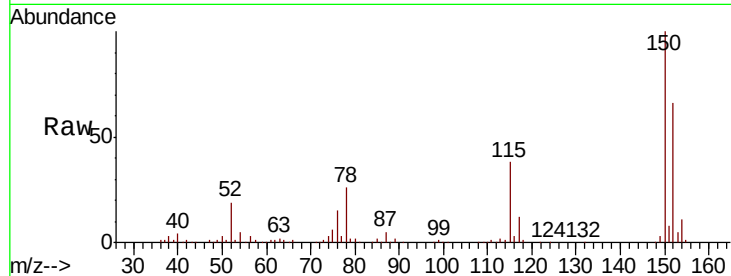




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116154.D
 Acq: 10 Aug 2019 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.2	189.2
115	58.5	49.9	74.9

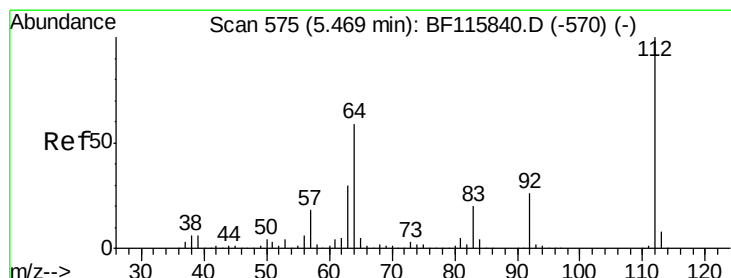
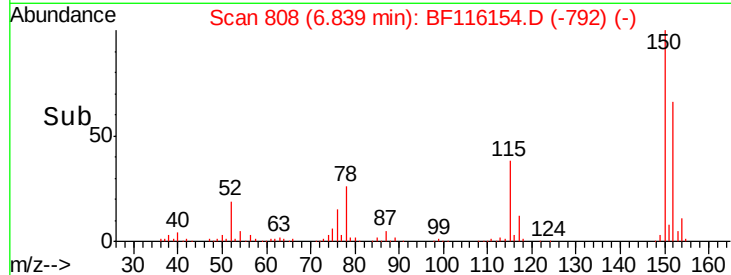
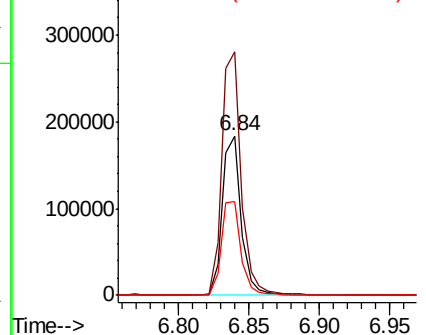


Abundance

Ion 152.00 (151.70 to 152.70): E

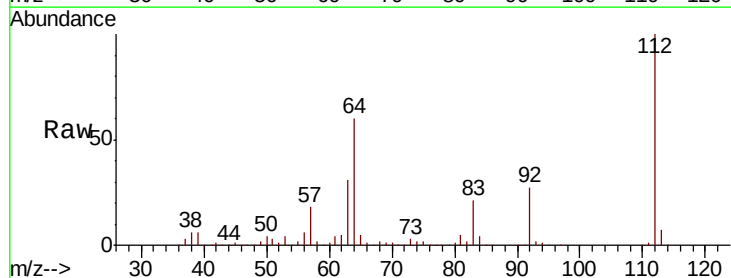
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 91.910 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF116154.D
 Acq: 10 Aug 2019 17:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	45.4	68.2
63	30.7	23.7	35.5

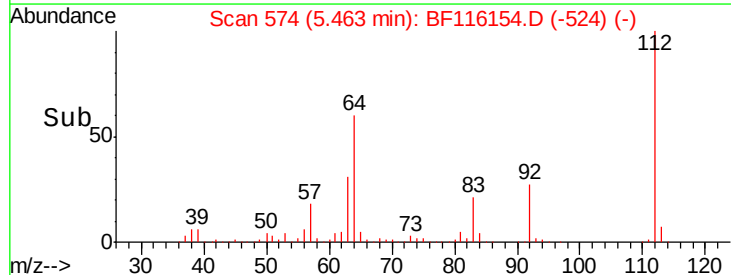
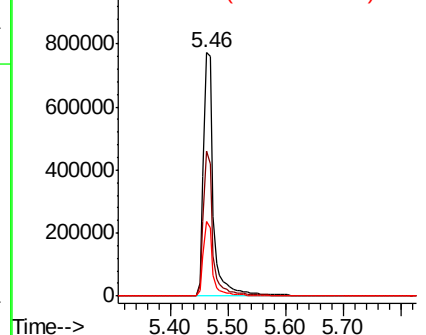


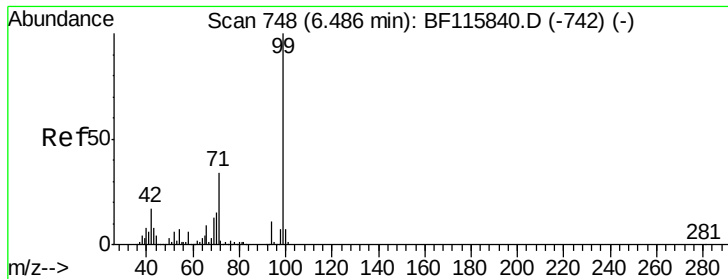
Abundance

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: 95.286 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116154.D

Acq: 10 Aug 2019 17:41

Instrument :

BNA_F

ClientSampled :

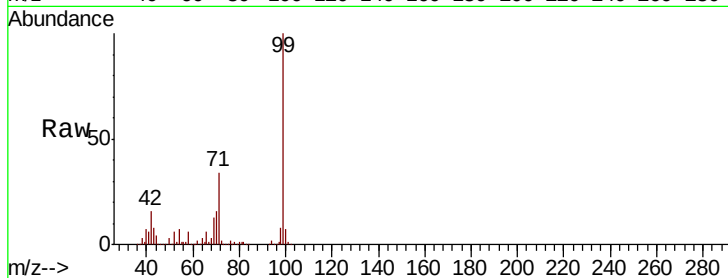
Tot Ion: 99 Resp: 1237715

Ion Ratio Lower Upper

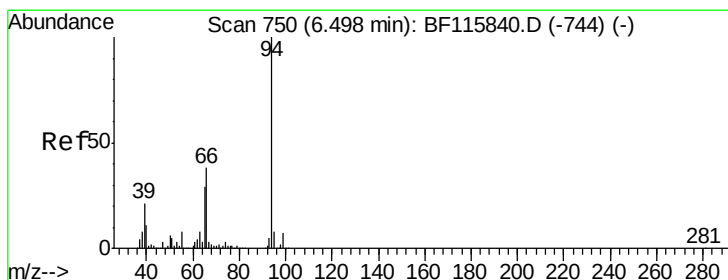
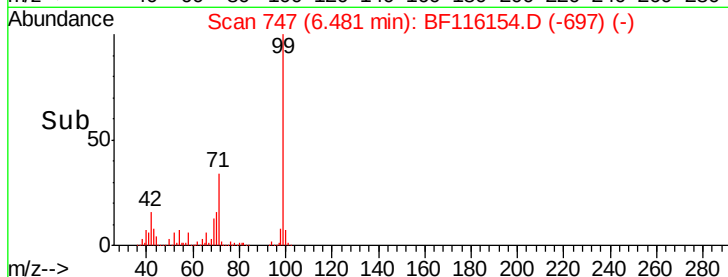
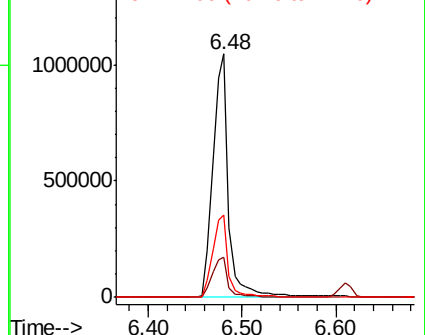
99 100

42 16.4 13.8 20.8

71 33.8 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



#10

Phenol

Concen: 7.099 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116154.D

Acq: 10 Aug 2019 17:41

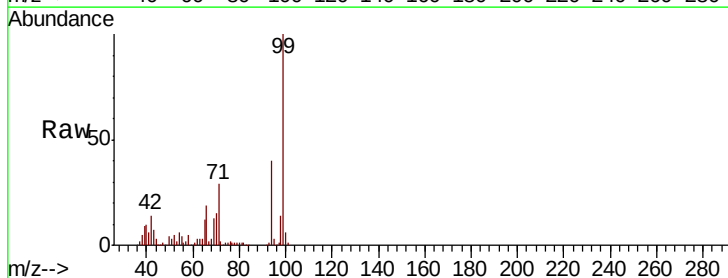
Tgt Ion: 94 Resp: 108594

Ion Ratio Lower Upper

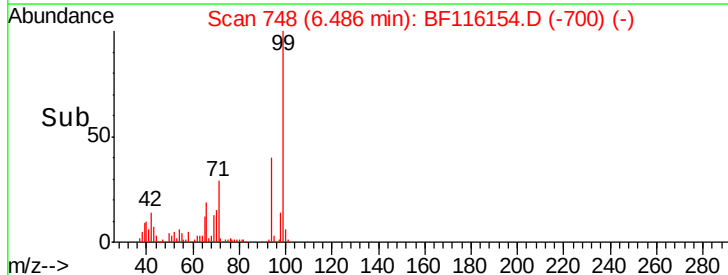
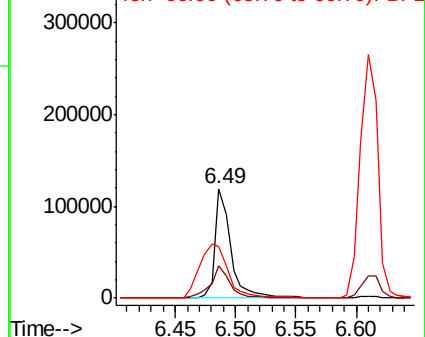
94 100

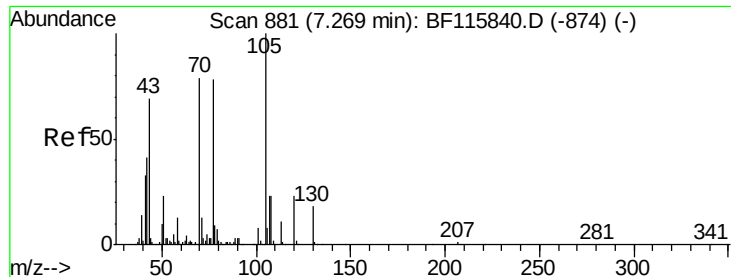
65 30.1 16.8 56.8

66 46.9 34.2 74.2



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

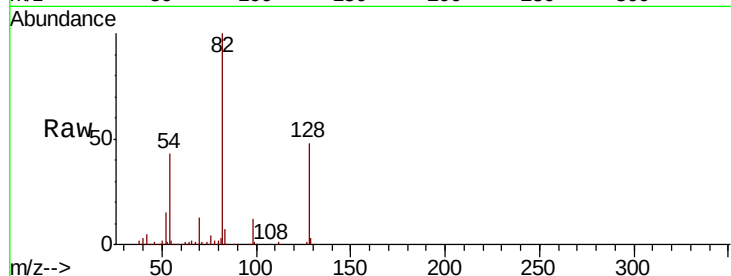




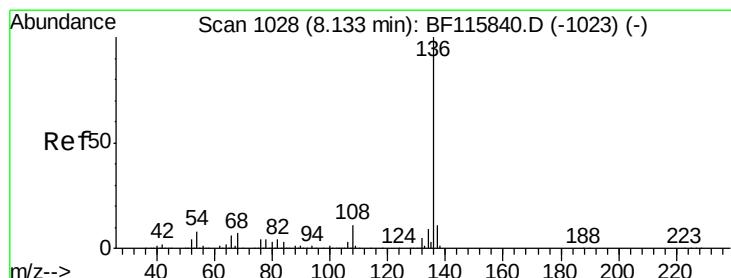
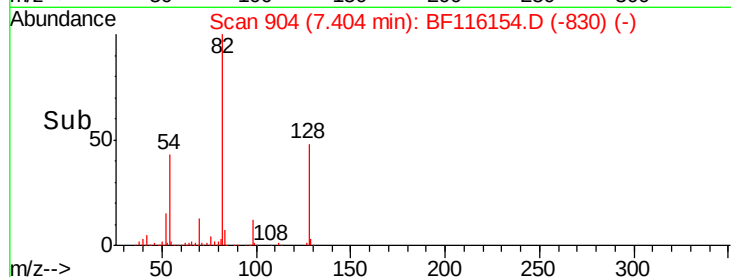
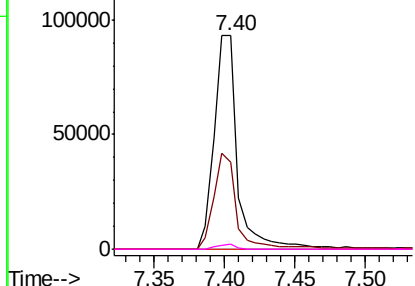
#19
n-Nitroso-di-n-propylamine
Concen: 13.325 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116154.D
Acq: 10 Aug 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 107254
Ion Ratio Lower Upper
70 100
42 40.7 40.9 61.3#
101 0.0 7.9 11.9#
130 2.2 16.9 25.3#

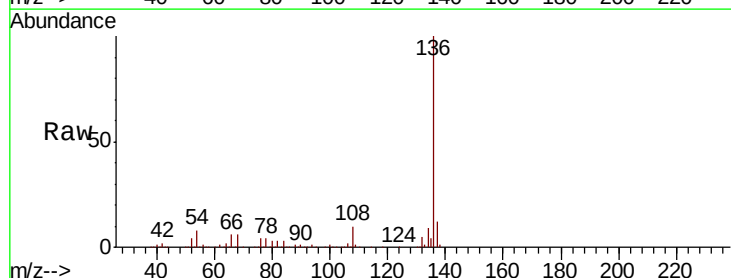


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

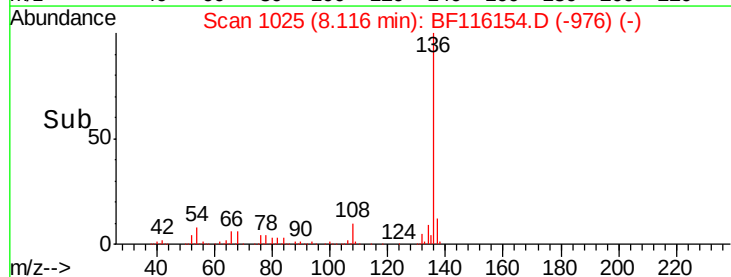
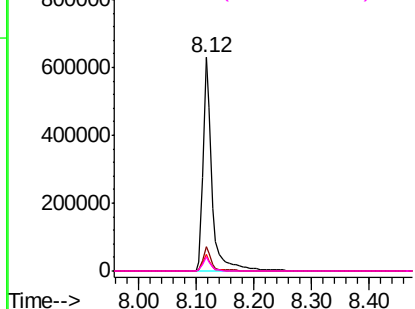


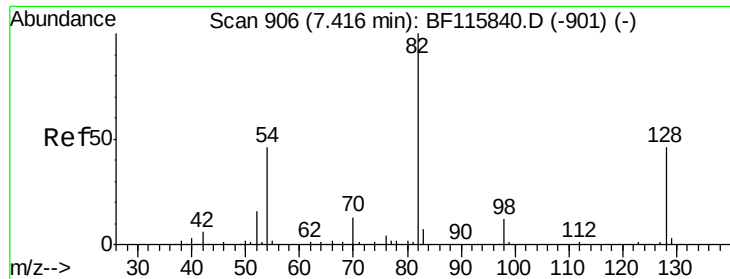
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116154.D
Acq: 10 Aug 2019 17:41

Tgt Ion: 136 Resp: 694037
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 7.5 5.8 8.6
68 6.4 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

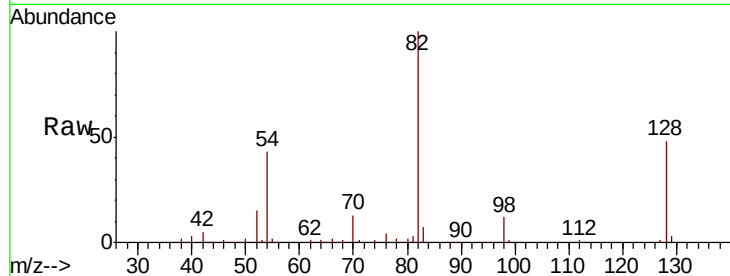




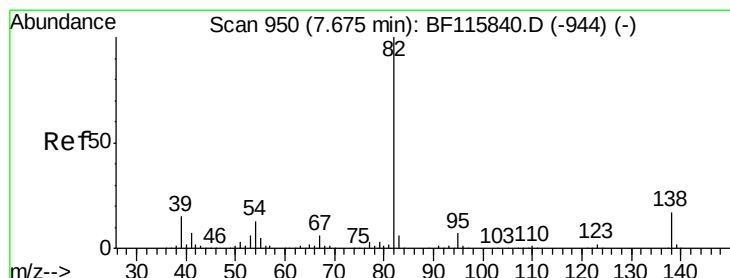
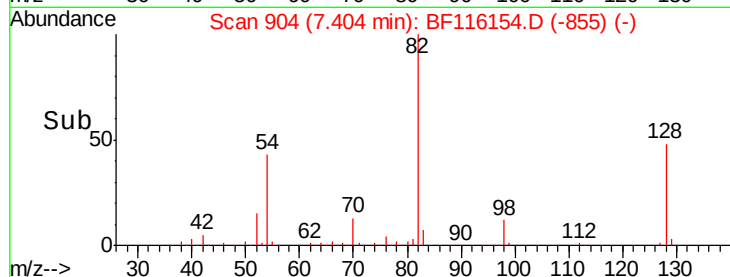
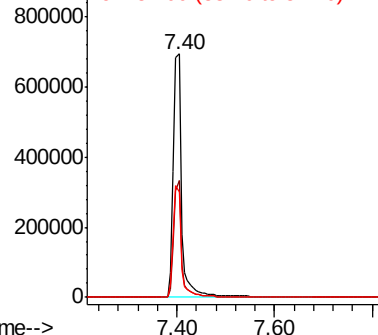
#23
Nitrobenzene-d5
Concen: 68.555 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116154.D
Acq: 10 Aug 2019 17:41

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 824277
Ion Ratio Lower Upper
82 100
128 47.8 36.5 54.7
54 43.4 36.0 54.0

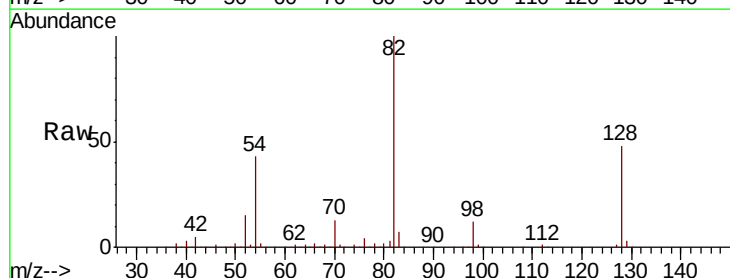


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

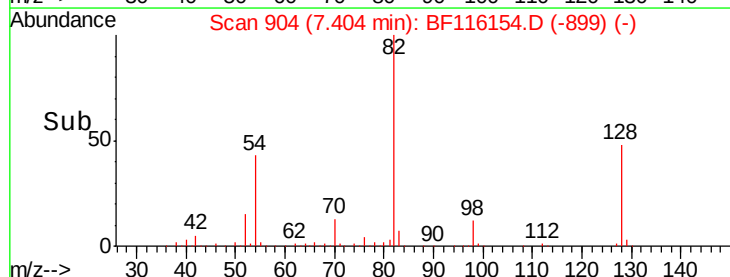
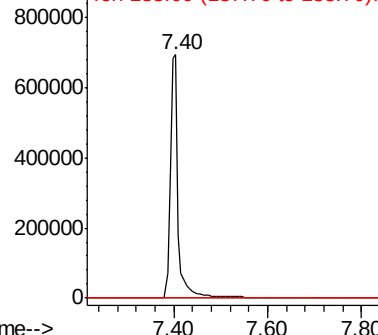


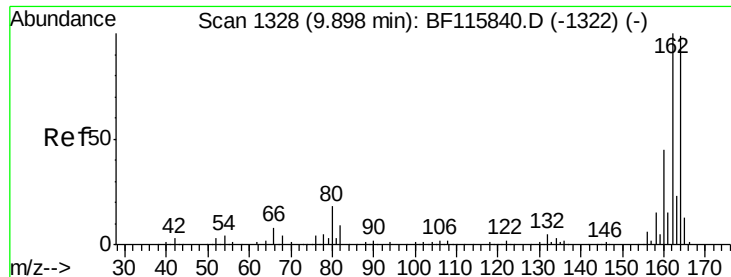
#25
Isophorone
Concen: 35.880 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF116154.D
Acq: 10 Aug 2019 17:41

Tgt Ion: 82 Resp: 824916
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

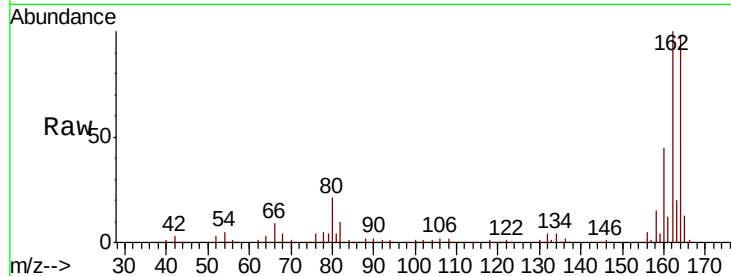




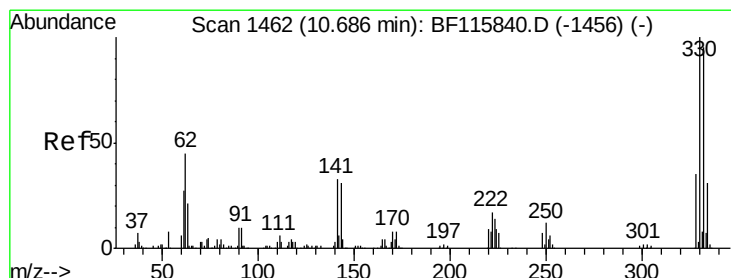
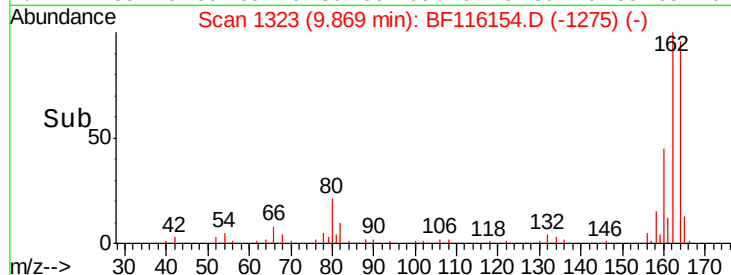
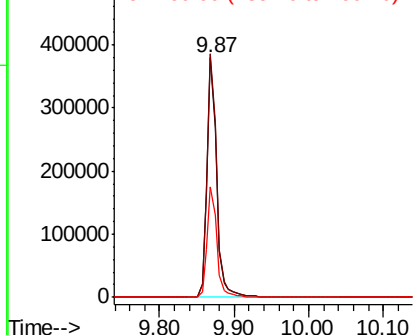
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116154.D
Acq: 10 Aug 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 347037
Ion Ratio Lower Upper
164 100
162 101.8 82.6 124.0
160 46.1 37.6 56.4

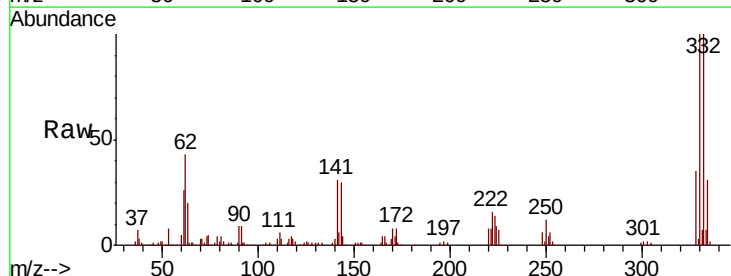


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

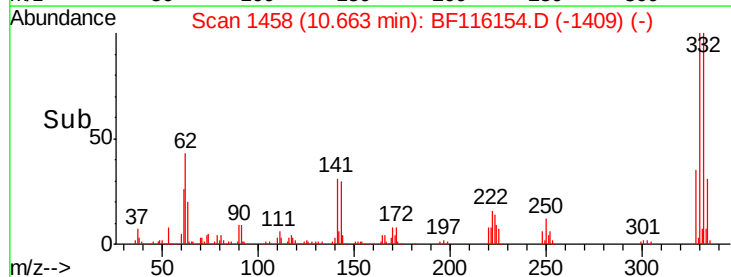
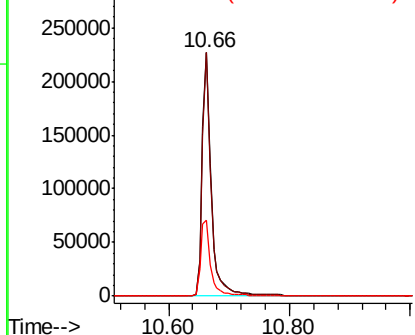


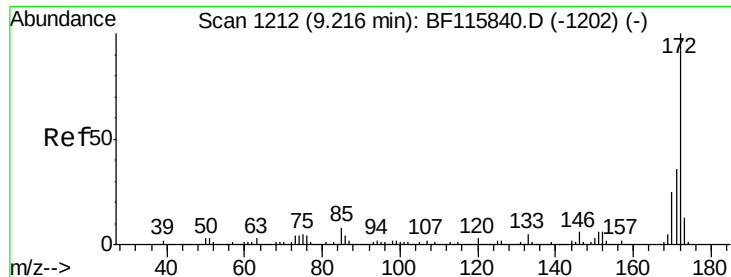
#42
2,4,6-Tribromophenol
Concen: 72.063 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116154.D
Acq: 10 Aug 2019 17:41

Tgt Ion:330 Resp: 242464
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 34.8 26.3 39.5



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

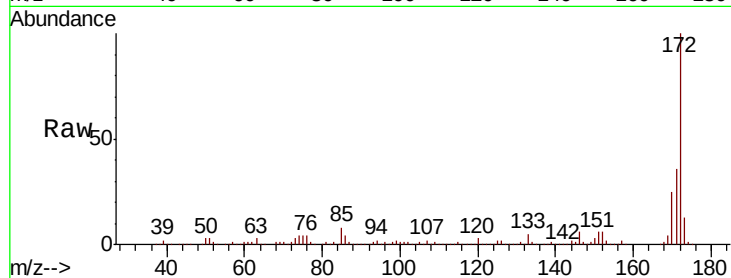




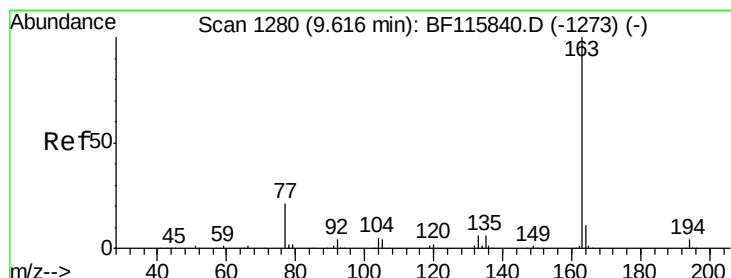
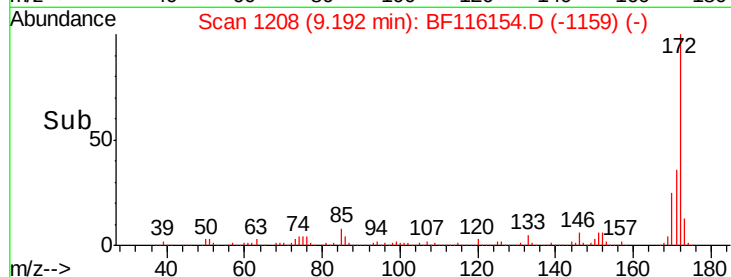
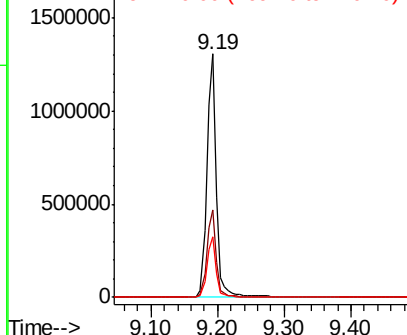
#45
2-Fluorobiphenyl
Concen: 69.146 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116154.D
Acq: 10 Aug 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1281119
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.7 20.1 30.1

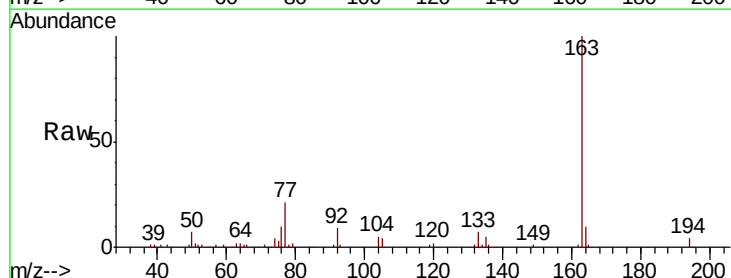


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

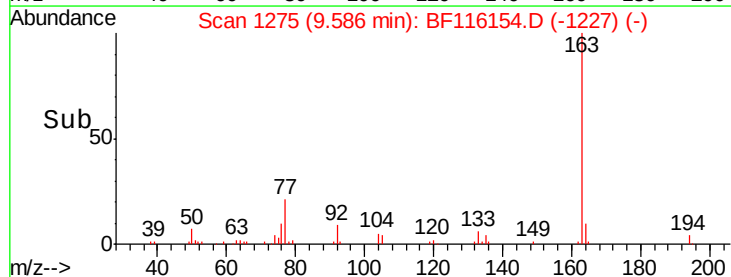
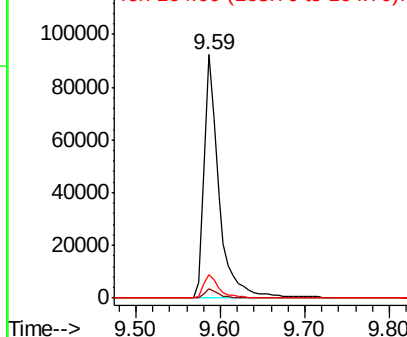


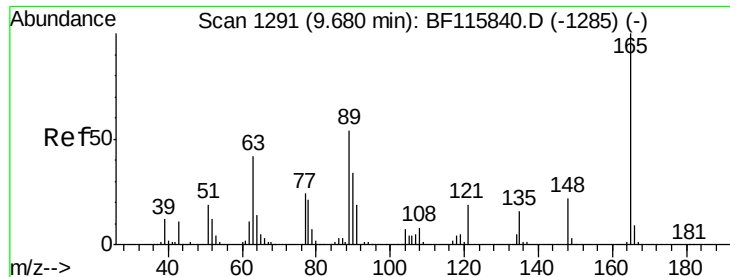
#50
Dimethylphthalate
Concen: 4.824 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116154.D
Acq: 10 Aug 2019 17:41

Tgt Ion:163 Resp: 113994
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.7 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

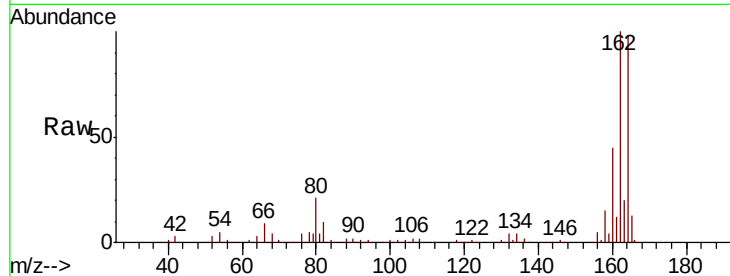




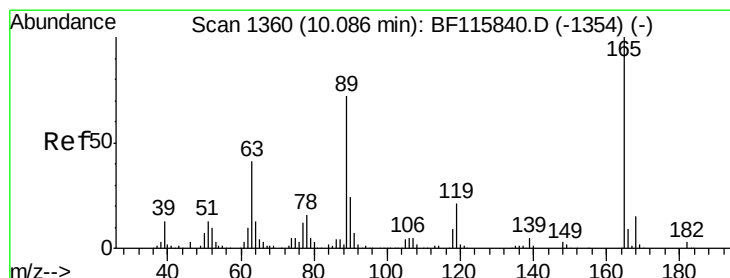
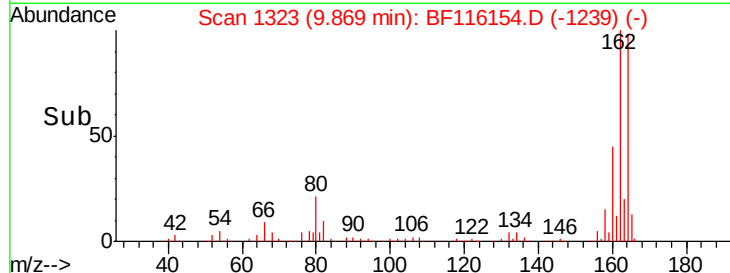
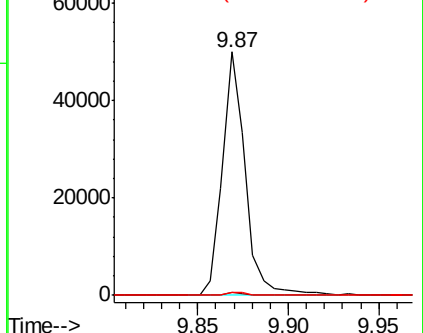
#51
 2,6-Dinitrotoluene
 Concen: 8.568 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116154.D
 Acq: 10 Aug 2019 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.2	57.2#
89	1.2	42.9	64.3#

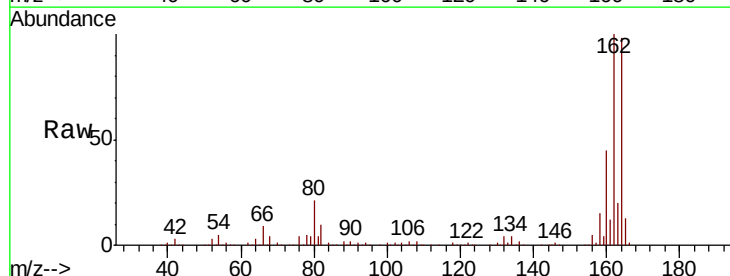


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

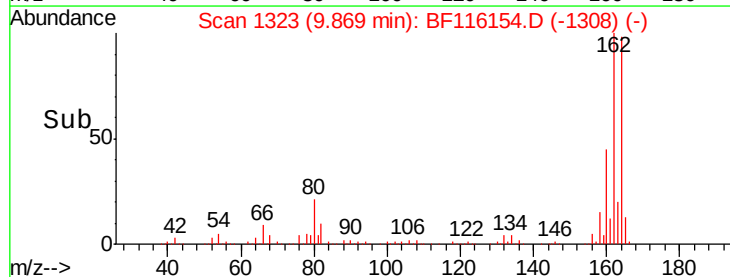
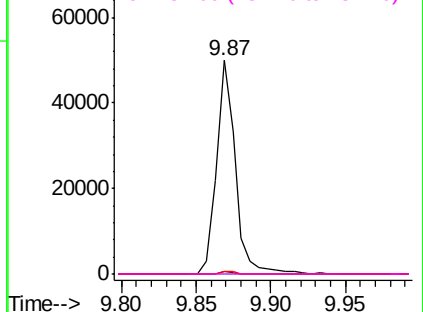


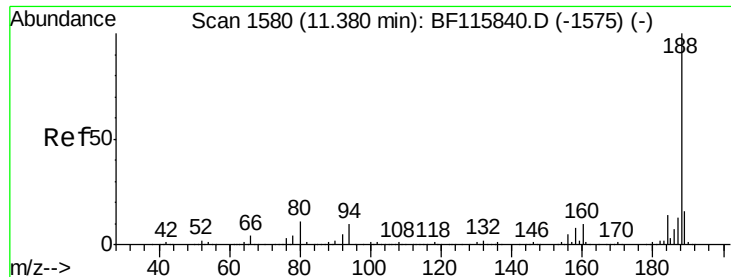
#57
 2,4-Dinitrotoluene
 Concen: 6.452 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116154.D
 Acq: 10 Aug 2019 17:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.6	59.4#
89	1.2	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

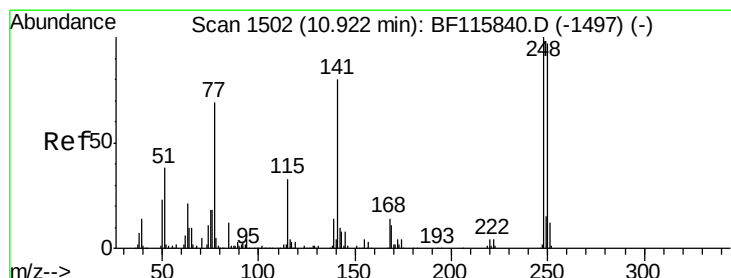
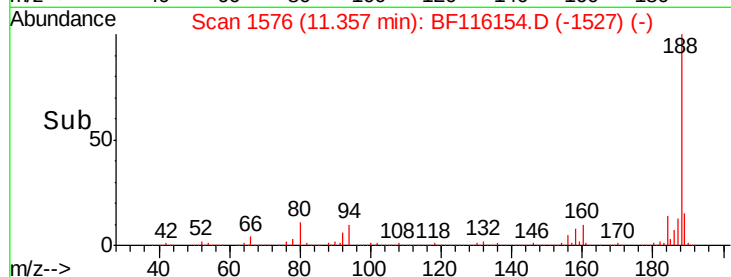
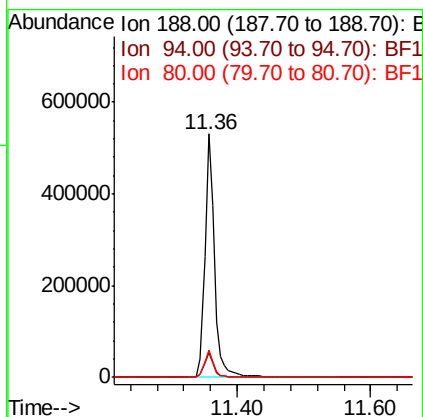
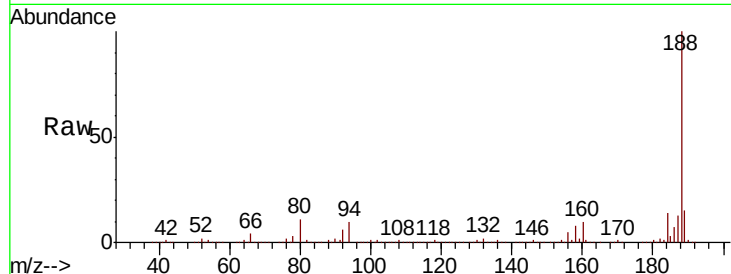




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116154.D
 Acq: 10 Aug 2019 17:41

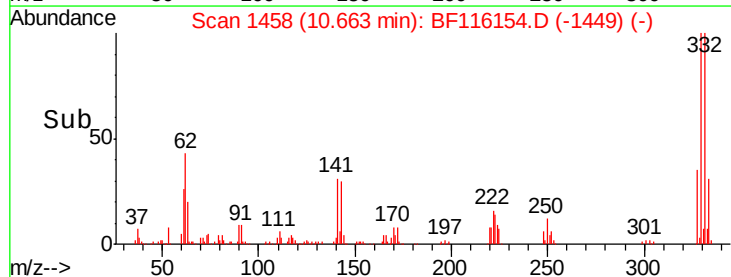
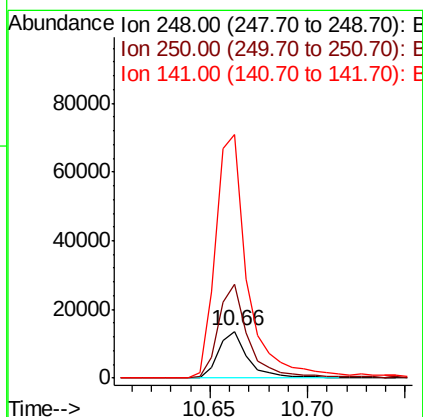
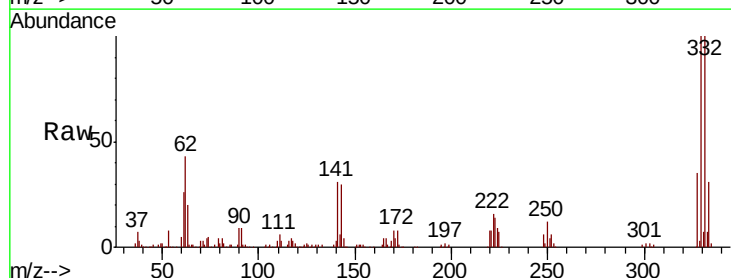
Instrument :
 BNA_F
 ClientSampleId :

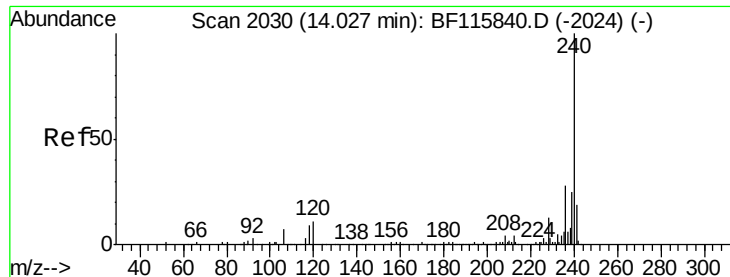
Tot Ion:188 Resp: 523292
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.1 12.1
 80 11.0 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 2.588 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116154.D
 Acq: 10 Aug 2019 17:41

Tgt Ion:248 Resp: 14495
 Ion Ratio Lower Upper
 248 100
 250 198.2 77.4 116.2#
 141 516.6 56.8 85.2#

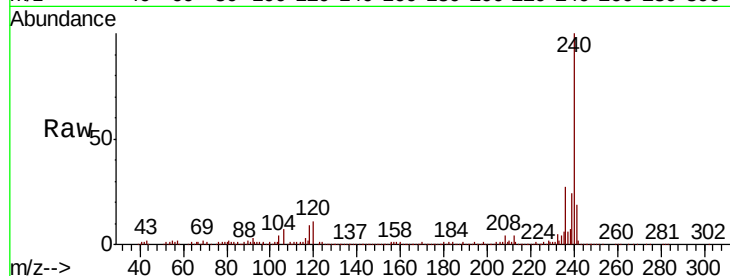




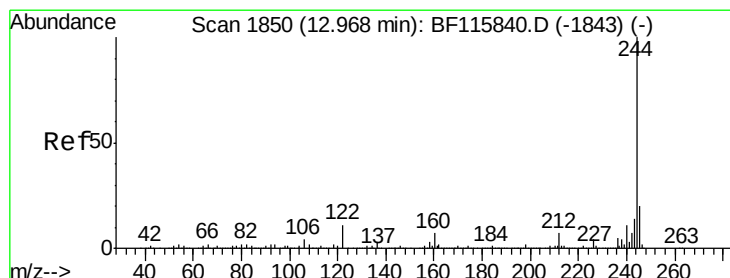
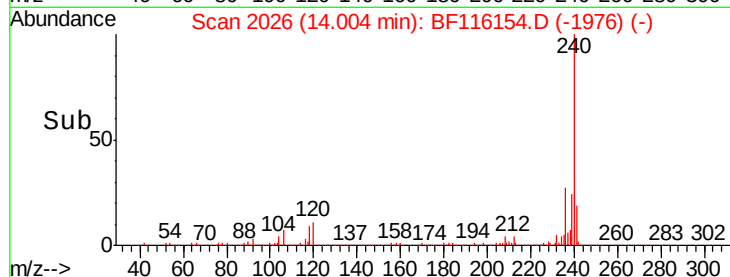
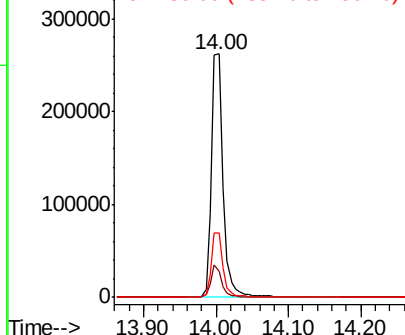
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116154.D
 Acq: 10 Aug 2019 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 294279
 Ion Ratio Lower Upper
 240 100
 120 10.7 10.7 16.1
 236 26.7 22.2 33.2

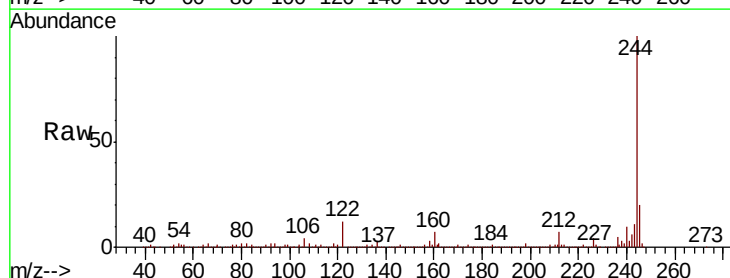


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

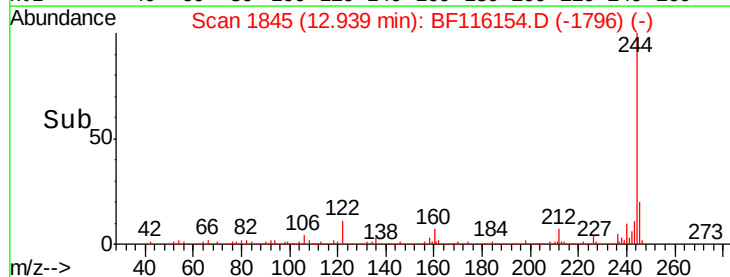
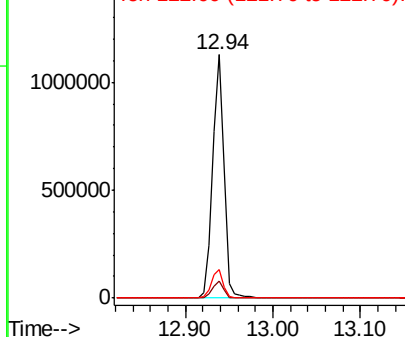


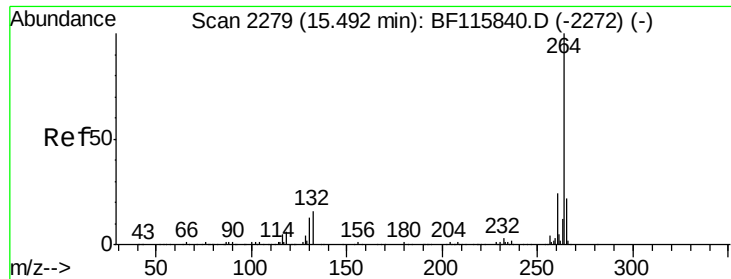
#79
 Terphenyl-d14
 Concen: 73.321 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116154.D
 Acq: 10 Aug 2019 17:41

Tgt Ion:244 Resp: 1023972
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.5 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: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116154.D
 Acq: 10 Aug 2019 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	21.8	17.4	26.0

