

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116515.D
 Acq On : 24 Aug 2019 11:24
 Operator : HP/JU
 Sample : K4461-20
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 02:07:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

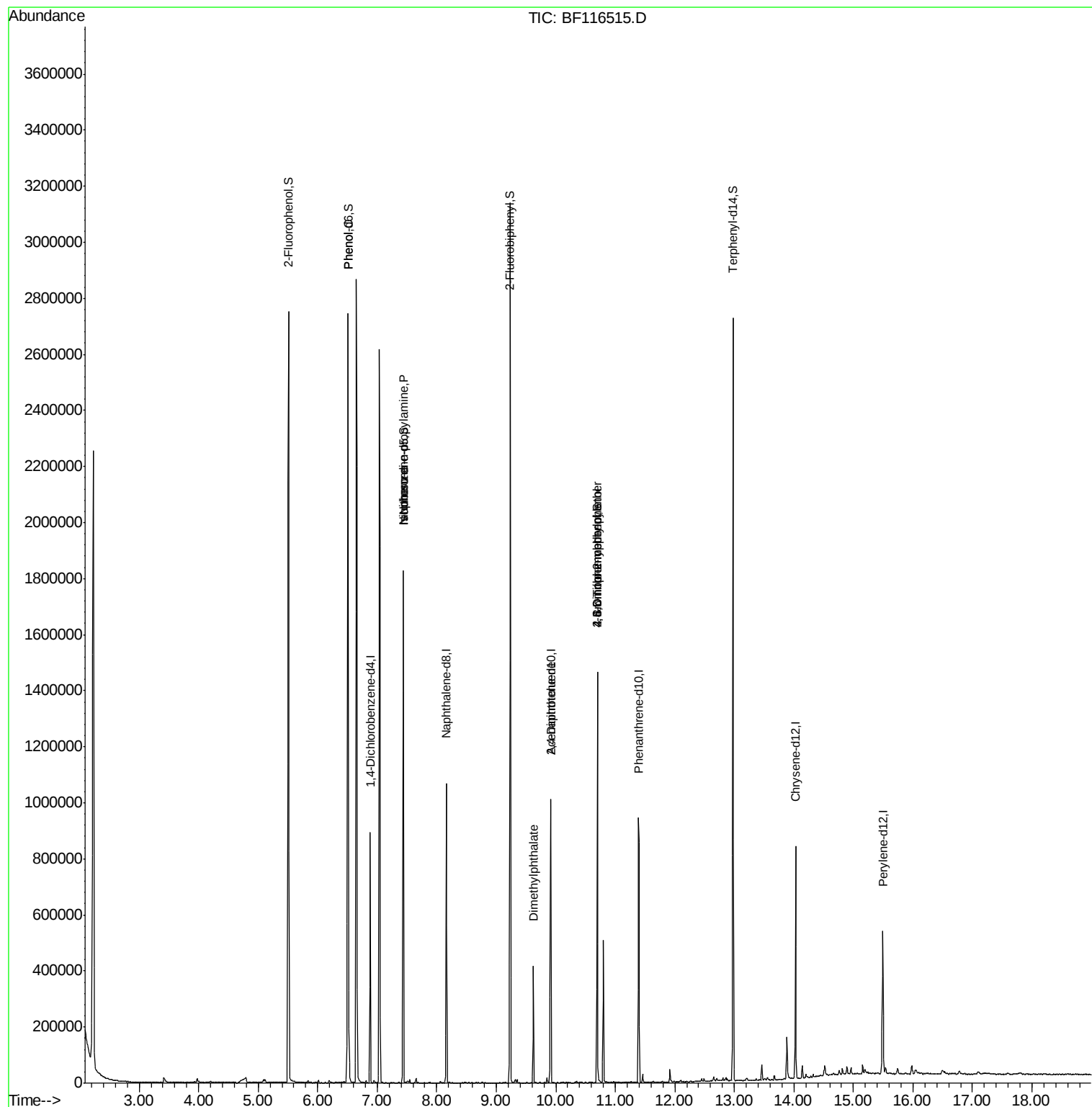
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	121151	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	443867	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	208068	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	333783	20.00	ng	0.00
76) Chrysene-d12	14.03	240	244782	20.00	ng	0.00
87) Perylene-d12	15.49	264	234276	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	758613	91.49	ng	0.01
7) Phenol-d6	6.51	99	996896	98.06	ng	0.00
23) Nitrobenzene-d5	7.44	82	591995	72.97	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	149104	83.46	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	986253	76.33	ng	0.00
79) Terphenyl-d14	12.98	244	862095	65.79	ng	0.00
Target Compounds						
10) Phenol	6.52	94	38607	3.497	ng	82
19) n-Nitroso-di-n-propylamine	7.44	70	79496	11.459	ng	# 78
25) Isophorone	7.44	82	591864	37.019	ng	# 67
50) Dimethylphthalate	9.62	163	149932	10.328	ng	100
57) 2,4-Dinitrotoluene	9.91	165	26936	7.124	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.70	198	277	7.178	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	9658	2.760	ng	# 1

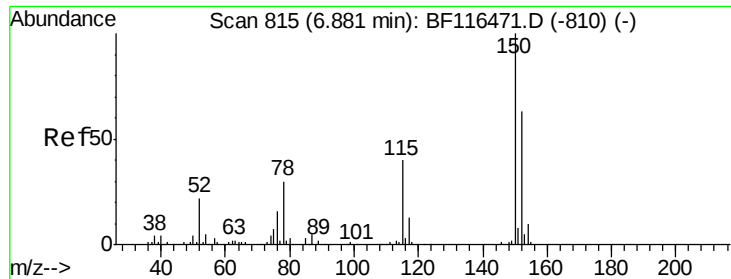
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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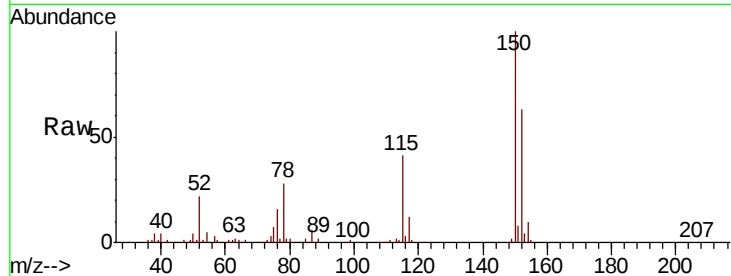


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116515.D
Acq: 24 Aug 2019 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.7	190.1
115	64.5	50.9	76.3

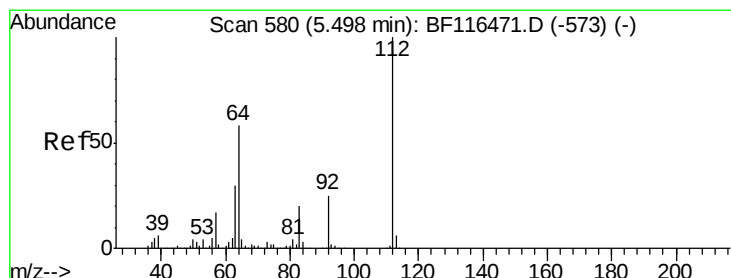
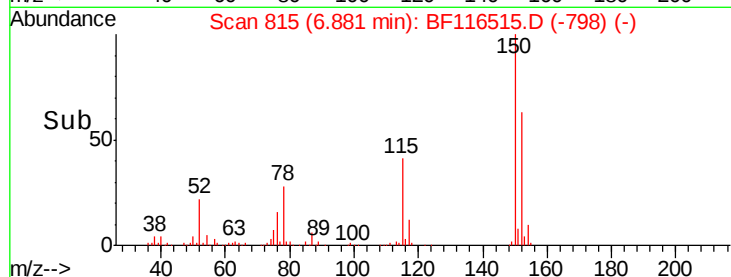
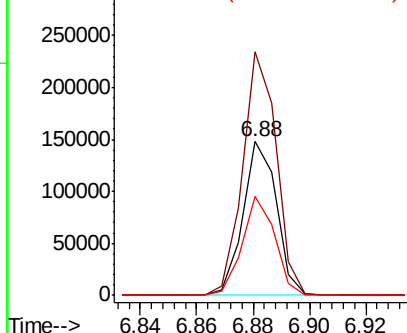


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

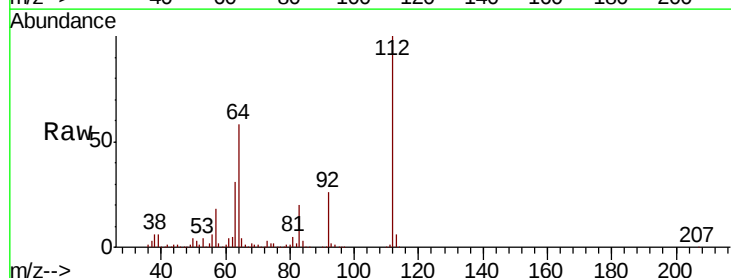
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.493 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116515.D
Acq: 24 Aug 2019 11:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.3	69.5
63	30.7	24.2	36.4

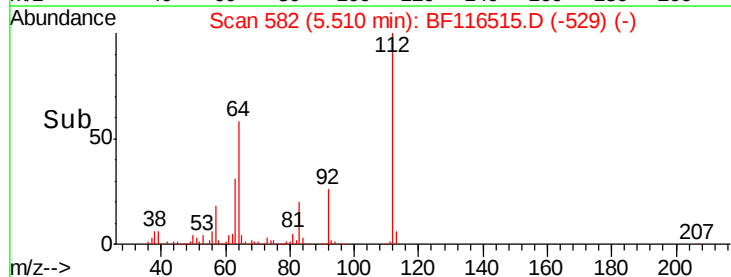
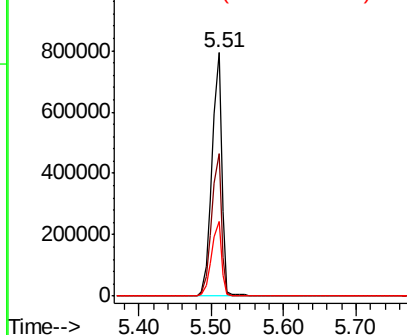


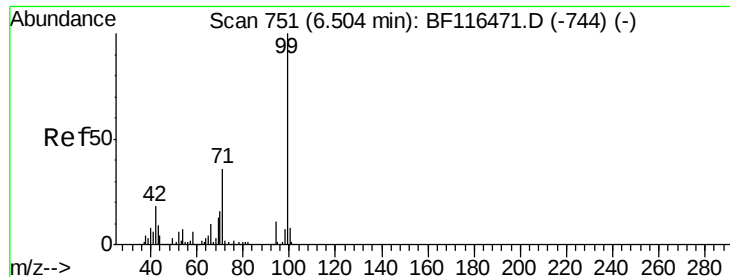
Abundance

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: 98.056 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116515.D

Acq: 24 Aug 2019 11:24

Instrument :

BNA_F

ClientSampleId :

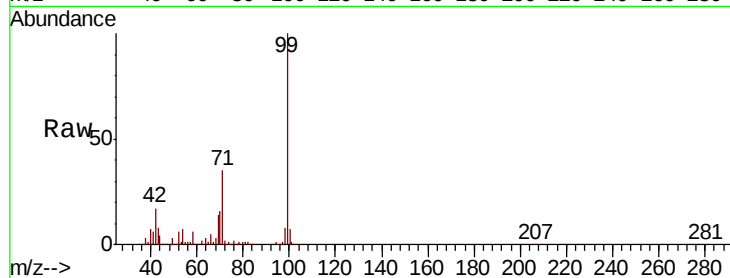
Tot Ion: 99 Resp: 996896

Ion Ratio Lower Upper

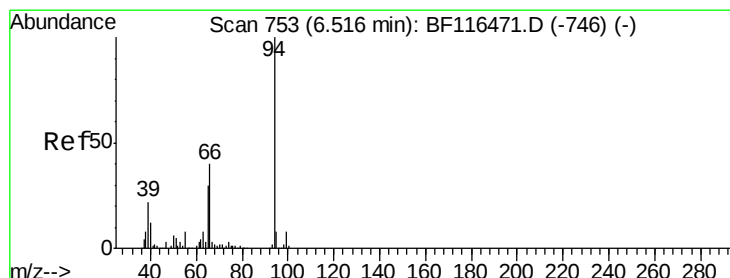
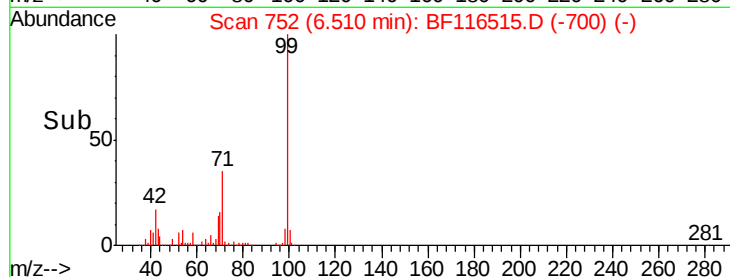
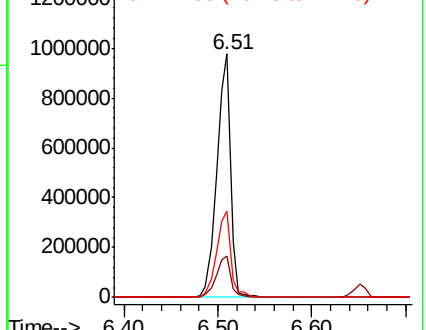
99 100

42 17.2 14.6 21.8

71 35.2 28.5 42.7



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: 3.497 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF116515.D

Acq: 24 Aug 2019 11:24

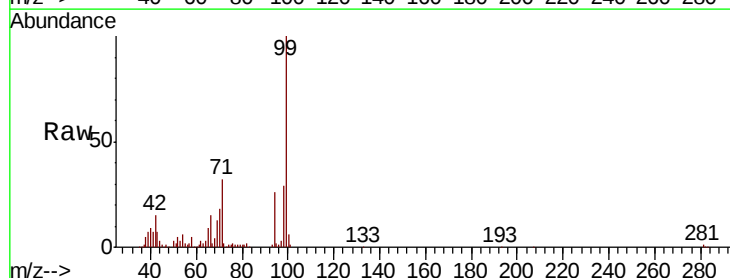
Tgt Ion: 94 Resp: 38607

Ion Ratio Lower Upper

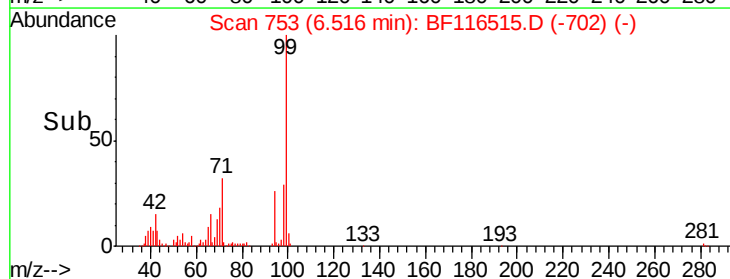
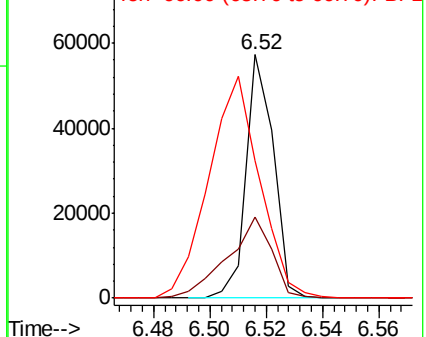
94 100

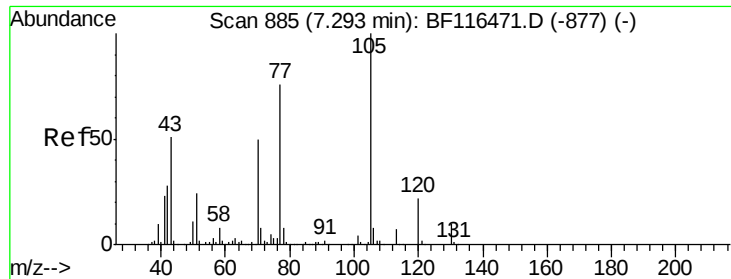
65 33.2 10.0 50.0

66 56.4 19.8 59.8



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

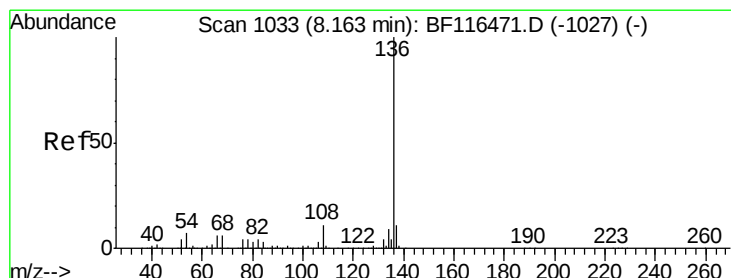
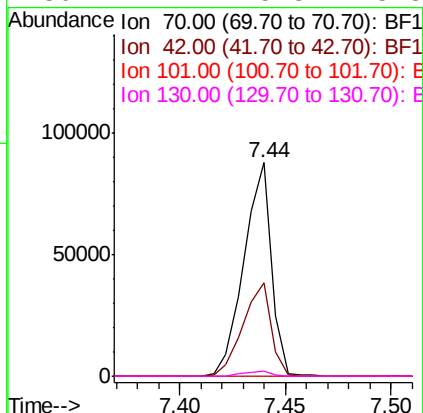
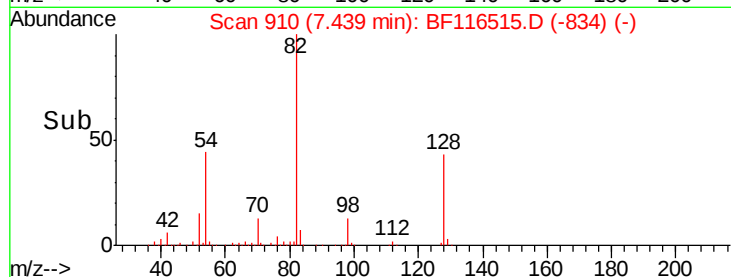
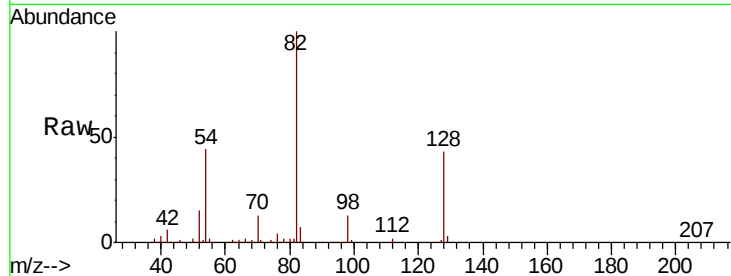




#19
n-Nitroso-di-n-propylamine
Concen: 11.459 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF116515.D
Acq: 24 Aug 2019 11:24

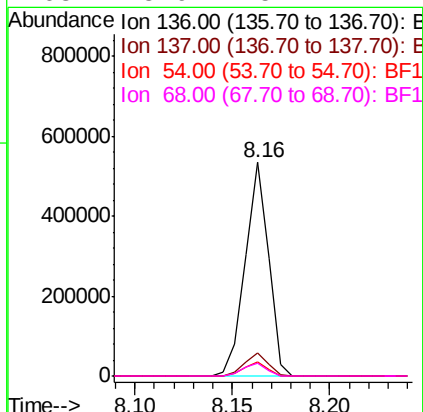
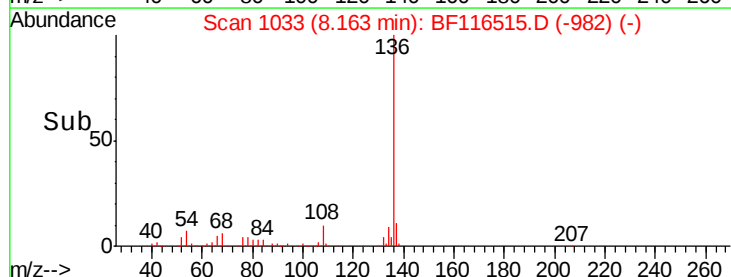
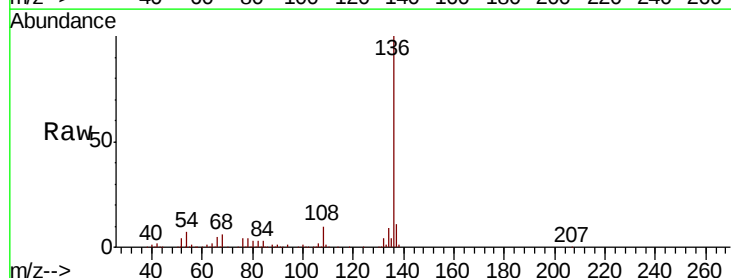
Instrument :
BNA_F
ClientSampleId :

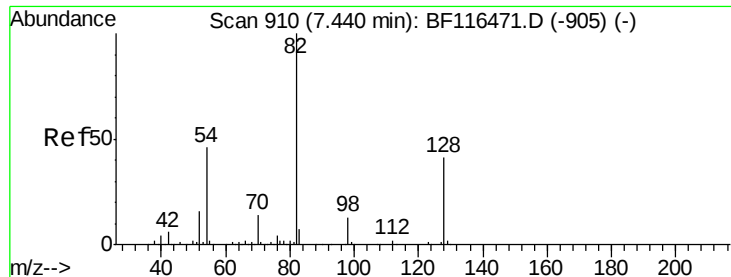
Tot Ion: 70 Resp: 79496
Ion Ratio Lower Upper
70 100
42 43.8 44.4 66.6#
101 0.0 7.1 10.7#
130 2.2 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116515.D
Acq: 24 Aug 2019 11:24

Tgt Ion: 136 Resp: 443867
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.9 5.8 8.6
68 5.9 5.1 7.7

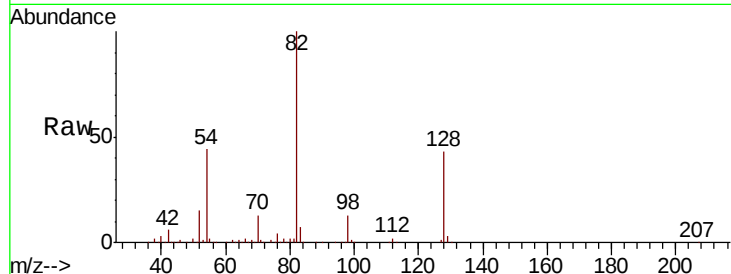




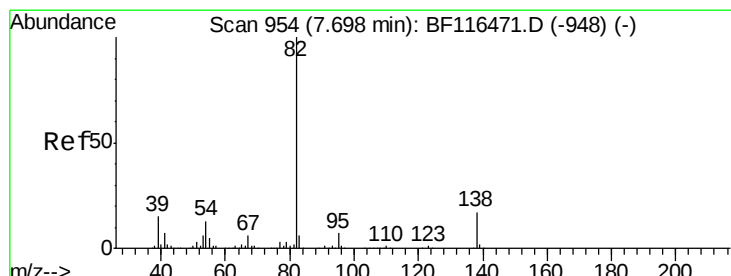
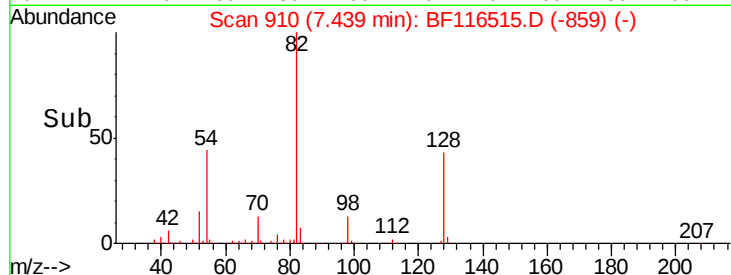
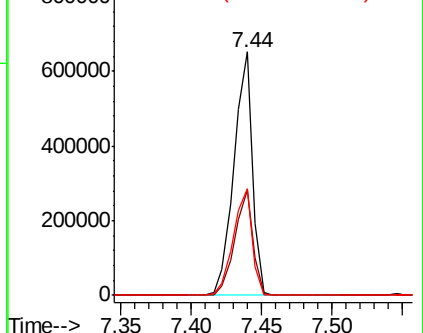
#23
 Nitrobenzene-d5
 Concen: 72.968 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116515.D
 Acq: 24 Aug 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	591995
Ion Ratio	Lower	Upper	
82	100		
128	43.3	32.2	48.4
54	43.8	36.5	54.7

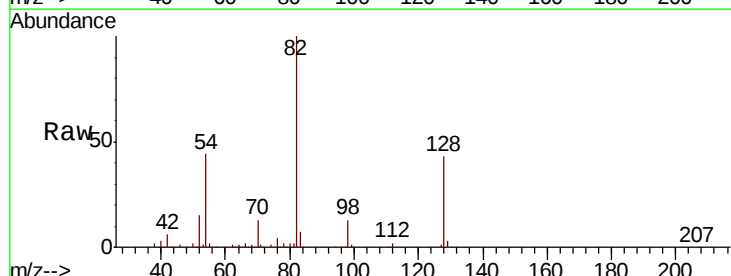


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

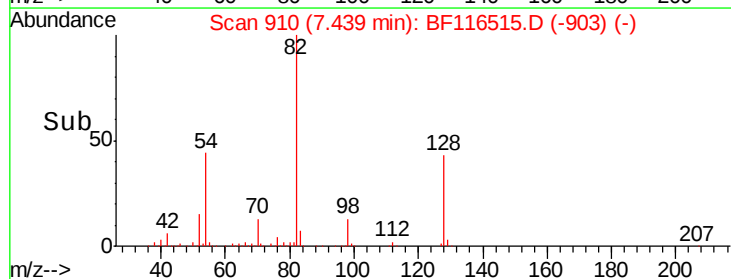
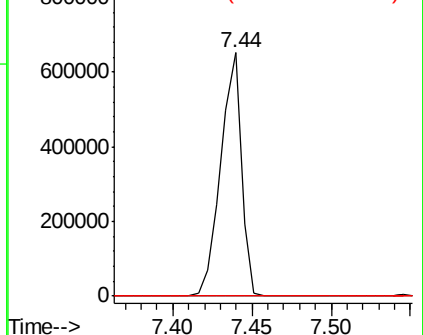


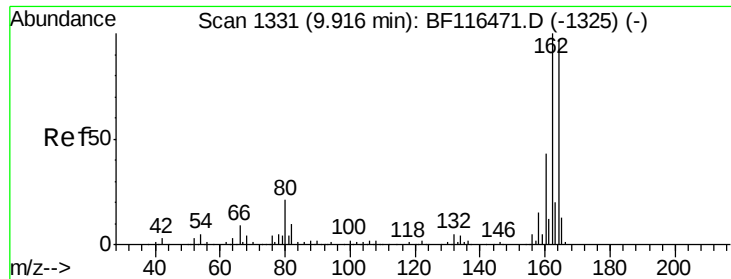
#25
 Isophorone
 Concen: 37.019 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF116515.D
 Acq: 24 Aug 2019 11:24

Tgt Ion	82	Resp	591864
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#



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

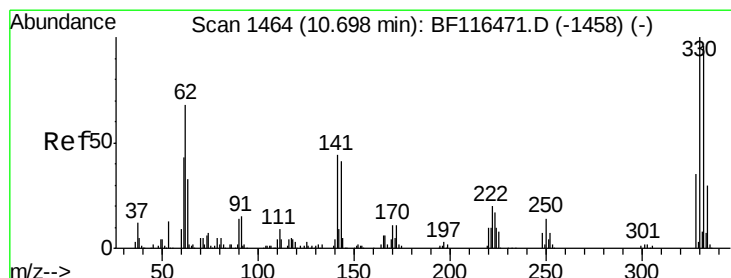
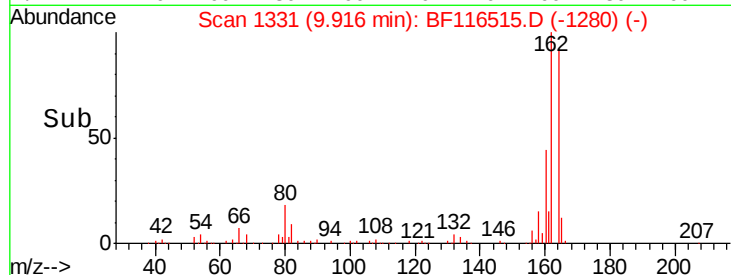
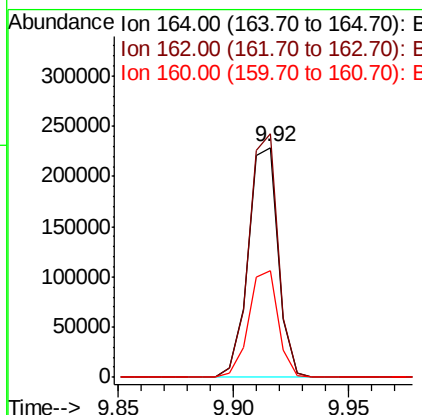
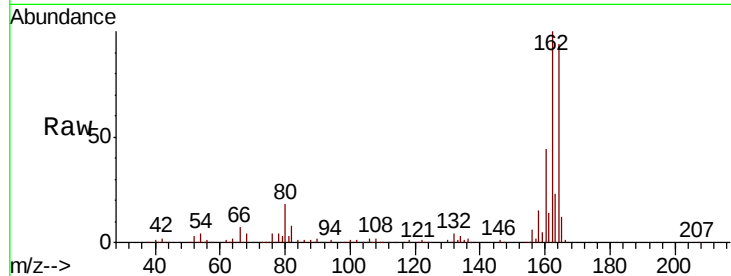




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116515.D
 Acq: 24 Aug 2019 11:24

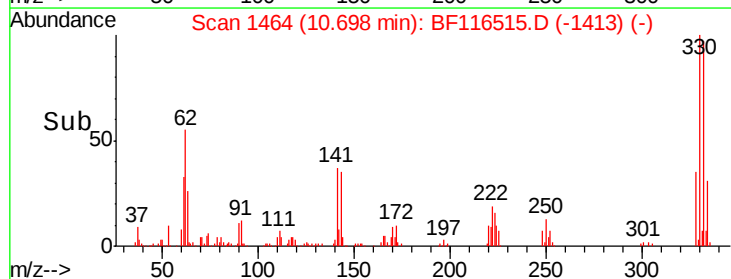
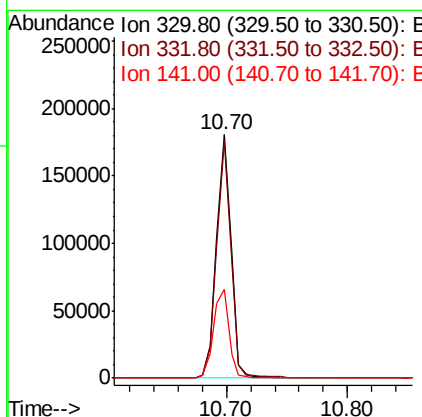
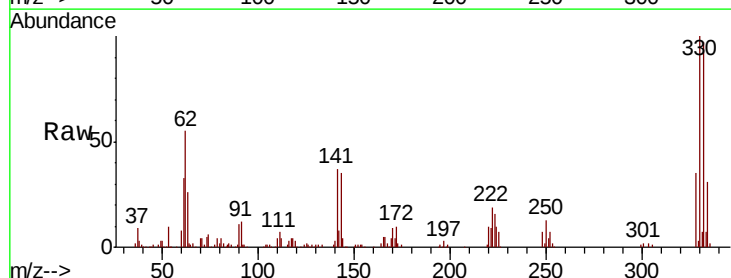
Instrument :
 BNA_F
 ClientSampleId :

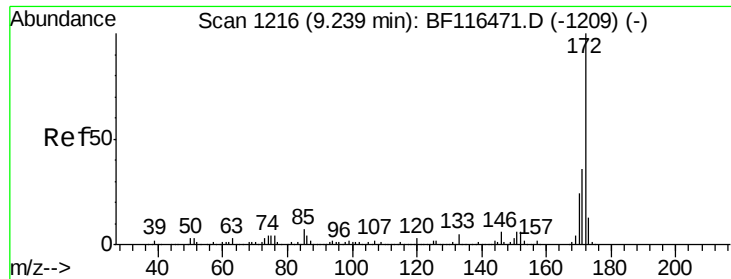
Tot Ion:164 Resp: 208068
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.6 123.8
 160 46.3 35.8 53.8



#42
 2,4,6-Tribromophenol
 Concen: 83.456 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116515.D
 Acq: 24 Aug 2019 11:24

Tgt Ion:330 Resp: 149104
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.2 115.8
 141 38.7 33.3 49.9

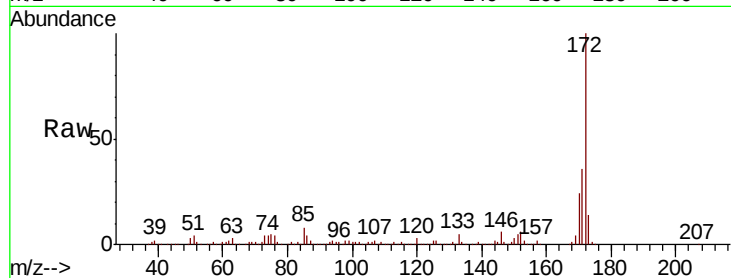




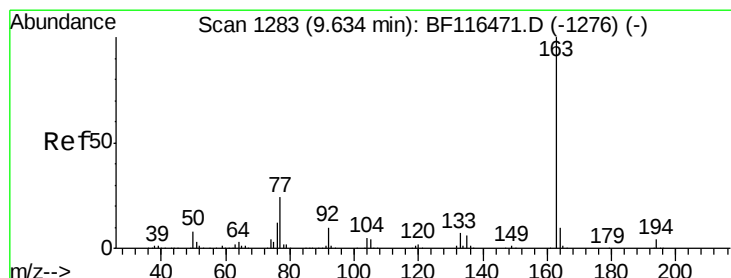
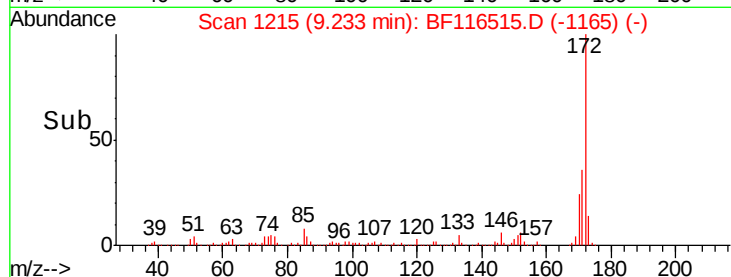
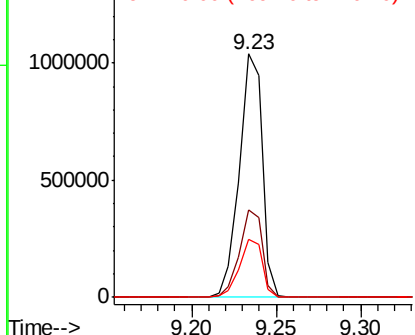
#45
2-Fluorobiphenyl
Concen: 76.334 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF116515.D
Acq: 24 Aug 2019 11:24

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.9	19.4	29.0

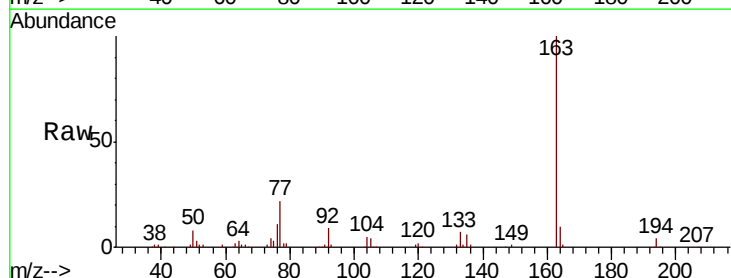


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

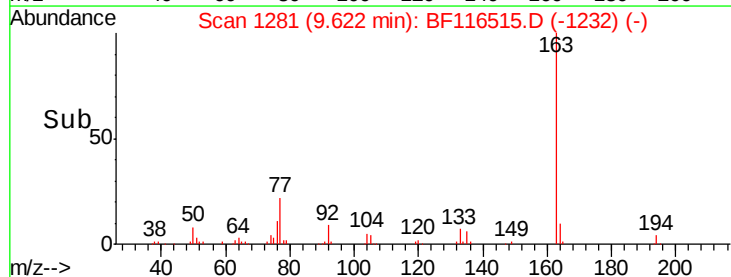
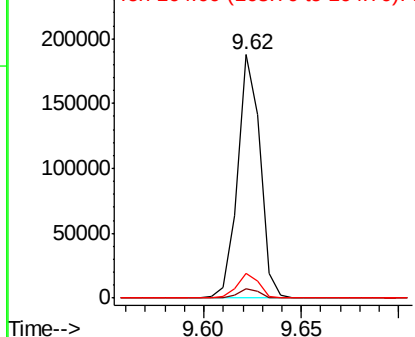


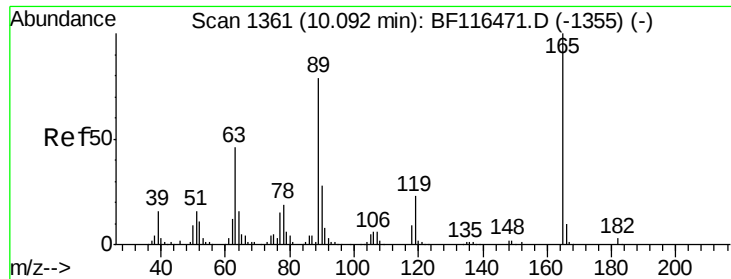
#50
Dimethylphthalate
Concen: 10.328 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116515.D
Acq: 24 Aug 2019 11:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.1	8.2	12.2



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

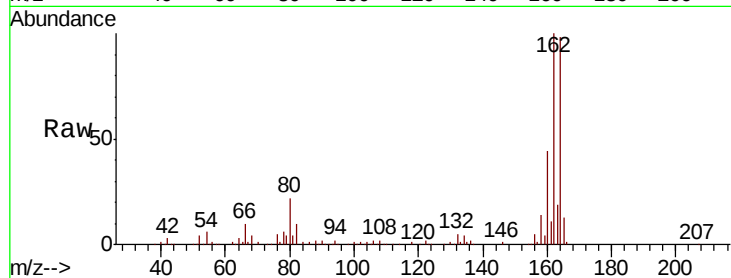




#57
 2,4-Dinitrotoluene
 Concen: 7.124 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.18 min
 Lab File: BF116515.D
 Acq: 24 Aug 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.9	55.3#
89	1.2	63.4	95.0#
182	0.0	2.1	3.1#

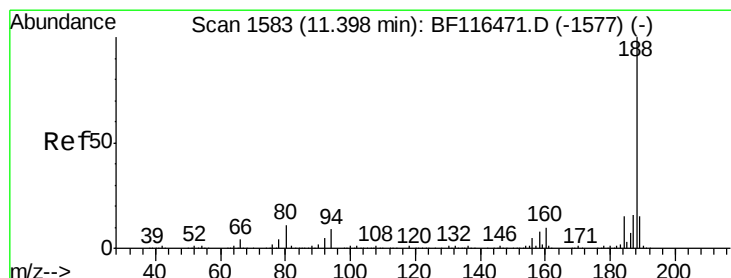
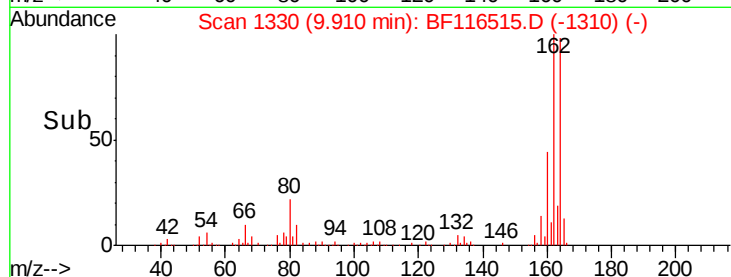
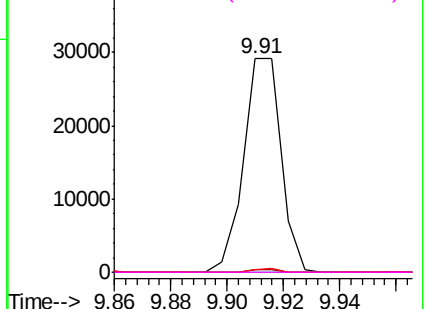


Abundance Ion 165.00 (164.70 to 165.70): E

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



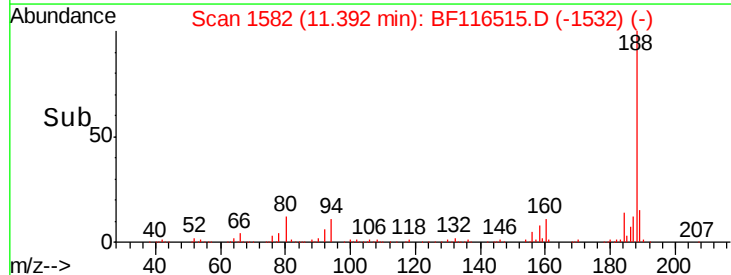
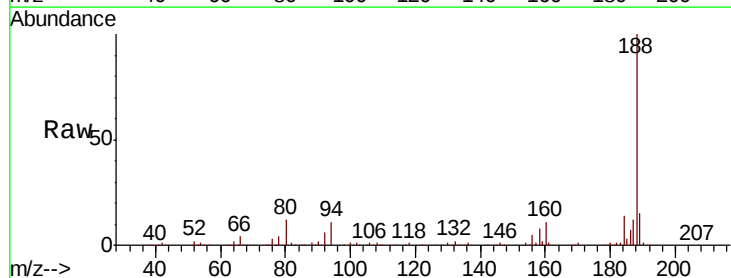
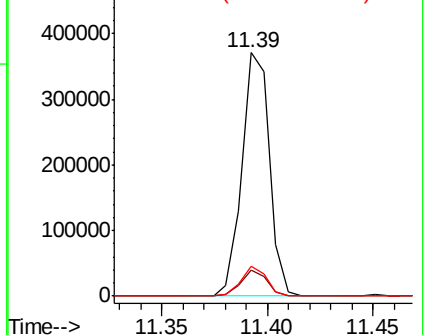
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF116515.D
 Acq: 24 Aug 2019 11:24

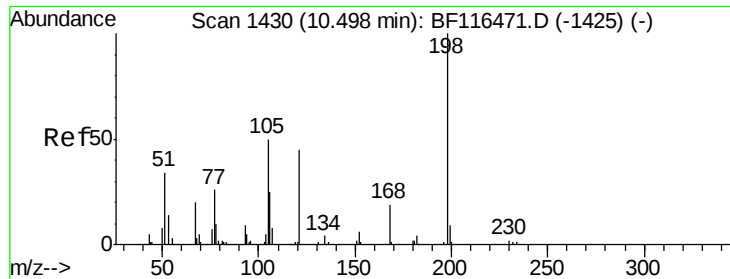
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.4	11.2
80	12.0	8.6	12.8

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: 7.178 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.20 min

Lab File: BF116515.D

Acq: 24 Aug 2019 11:24

Instrument :

BNA_F

ClientSampleId :

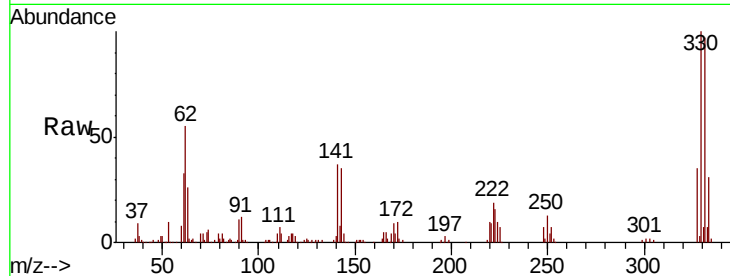
Tot Ion:198 Resp: 277

Ion Ratio Lower Upper

198 100

51 153.8 30.4 70.4#

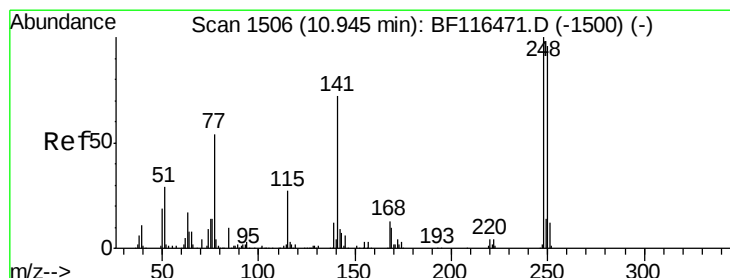
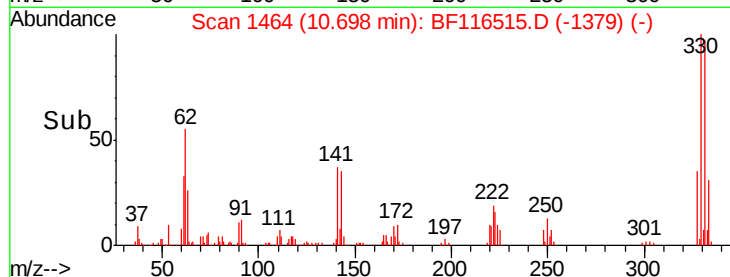
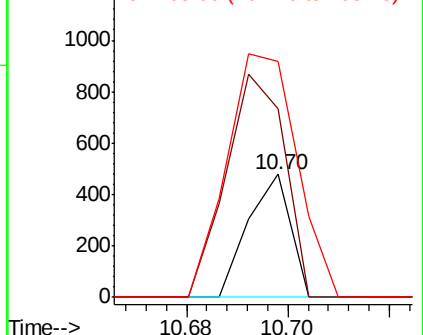
105 191.8 32.8 72.8#



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: 2.760 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.25 min

Lab File: BF116515.D

Acq: 24 Aug 2019 11:24

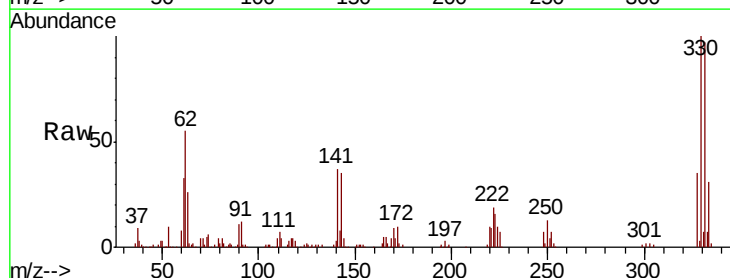
Tgt Ion:248 Resp: 9658

Ion Ratio Lower Upper

248 100

250 190.9 77.0 115.6#

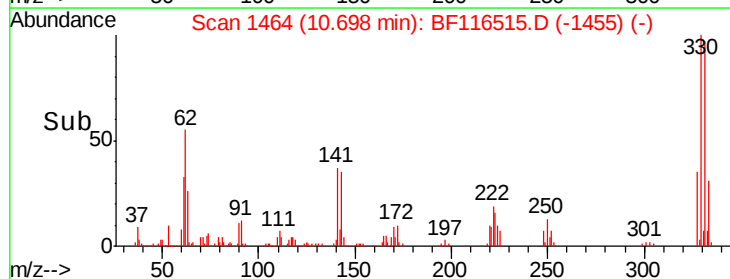
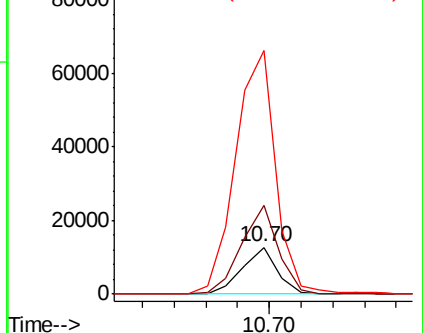
141 522.7 57.4 86.0#

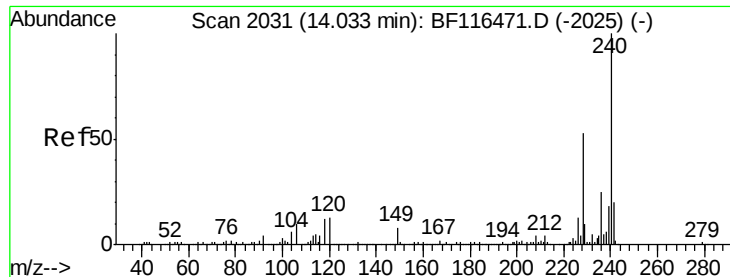


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

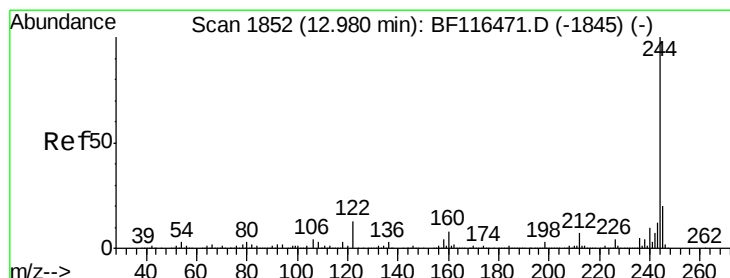
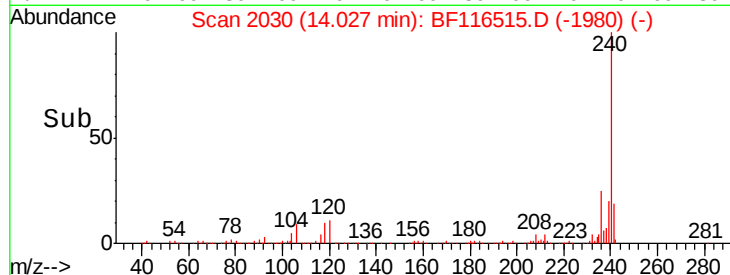
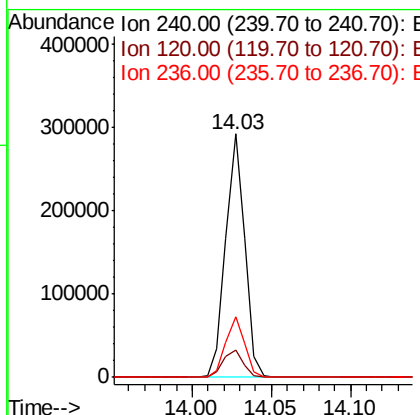
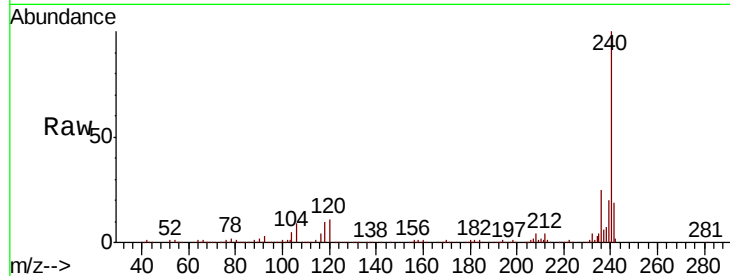




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116515.D
Acq: 24 Aug 2019 11:24

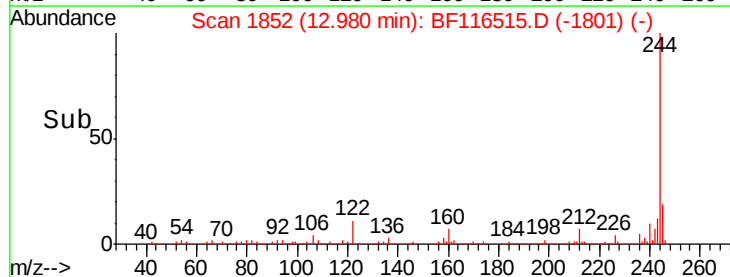
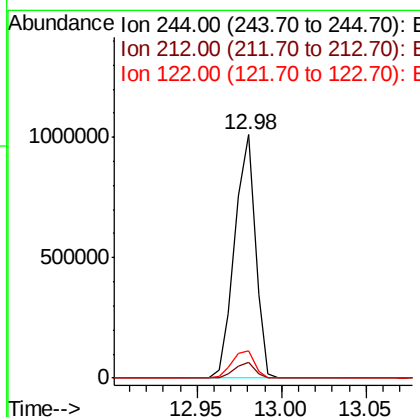
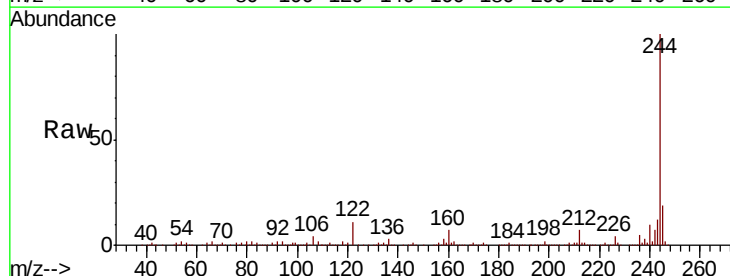
Instrument :
BNA_F
ClientSampleId :

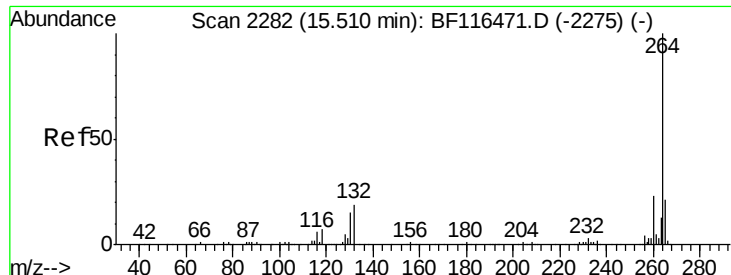
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.5	15.7
236	24.7	20.2	30.2



#79
Terphenyl-d14
Concen: 65.785 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116515.D
Acq: 24 Aug 2019 11:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	11.0	10.2	15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF116515.D
Acq: 24 Aug 2019 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.8	28.2
265	21.4	17.1	25.7

