

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090819\
 Data File : BF116885.D
 Acq On : 8 Sep 2019 22:41
 Operator : HP/JU
 Sample : K4636-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 02:16:20 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

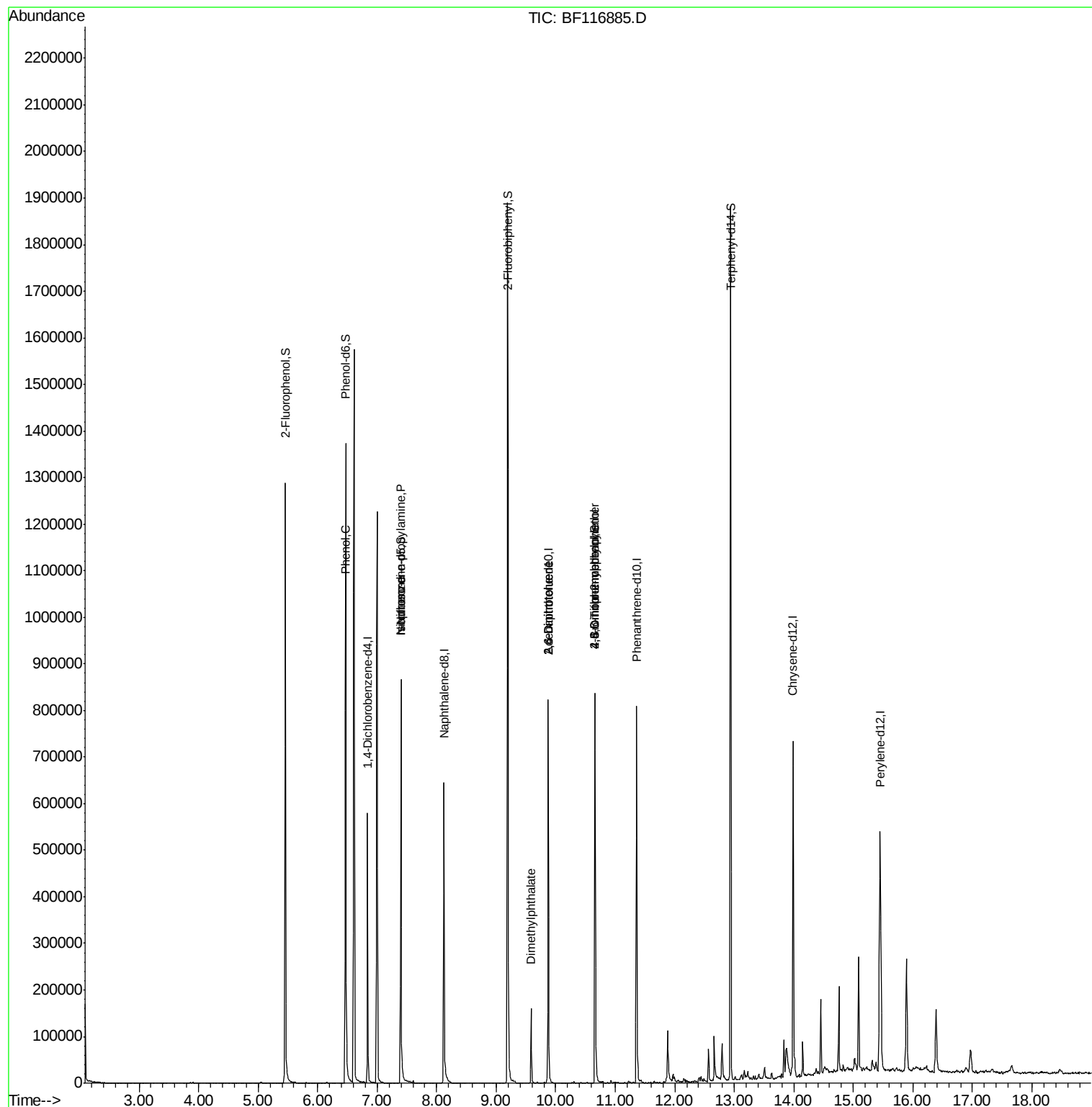
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	81454	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	335221	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	175538	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	294310	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	240165	20.00	ng	-0.01
87) Perylene-d12	15.44	264	227369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	370500	73.69	ng	0.00
7) Phenol-d6	6.47	99	510829	77.37	ng	-0.01
23) Nitrobenzene-d5	7.40	82	314923	53.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	101357	86.37	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	587647	56.47	ng	-0.02
79) Terphenyl-d14	12.94	244	601399	46.32	ng	-0.01
Target Compounds						
10) Phenol	6.48	94	18422	2.520	ng	93
19) n-Nitroso-di-n-propylamine	7.40	70	40318	9.275	ng	# 71
25) Isophorone	7.40	82	314920	26.466	ng	# 66
50) Dimethylphthalate	9.59	163	73596	6.073	ng	97
51) 2,6-Dinitrotoluene	9.87	165	21641	9.359	ng	# 21
57) 2,4-Dinitrotoluene	9.87	165	21641	7.654	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.66	198	111	7.538	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	6559	2.194	ng	# 1

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

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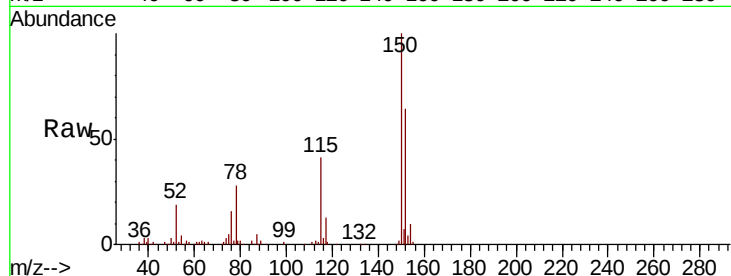


#1

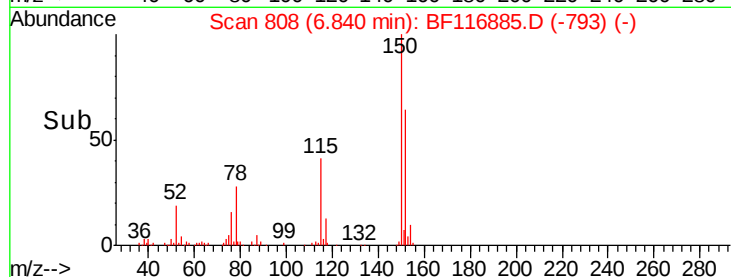
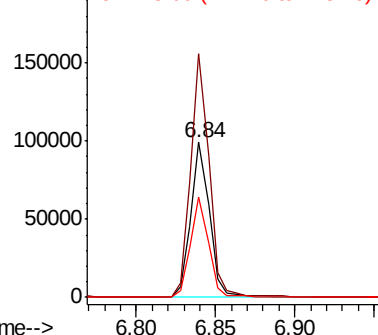
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116885.D
Acq: 8 Sep 2019 22:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81454
Ion Ratio Lower Upper
152 100
150 157.3 124.4 186.6
115 64.5 49.9 74.9



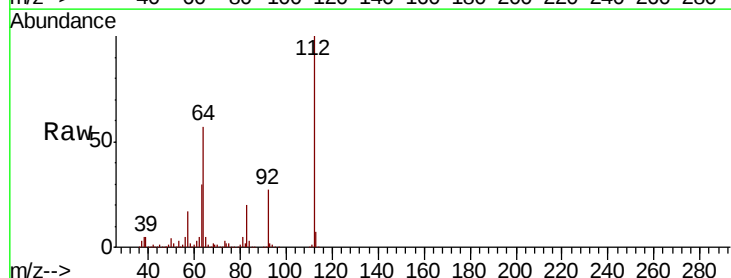
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



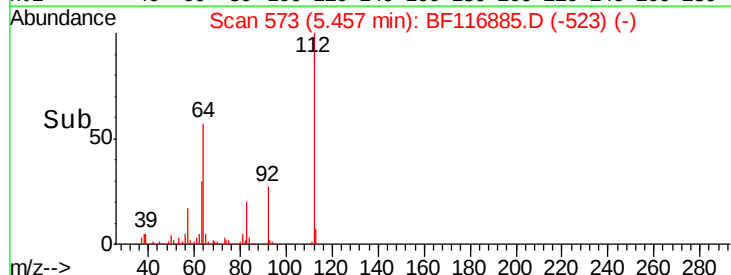
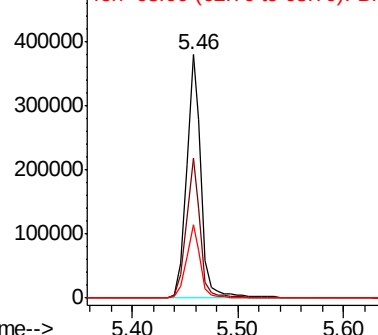
#5

2-Fluorophenol
Concen: 73.690 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116885.D
Acq: 8 Sep 2019 22:41

Tgt Ion:112 Resp: 370500
Ion Ratio Lower Upper
112 100
64 57.4 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: 77.373 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116885.D

Acq: 8 Sep 2019 22:41

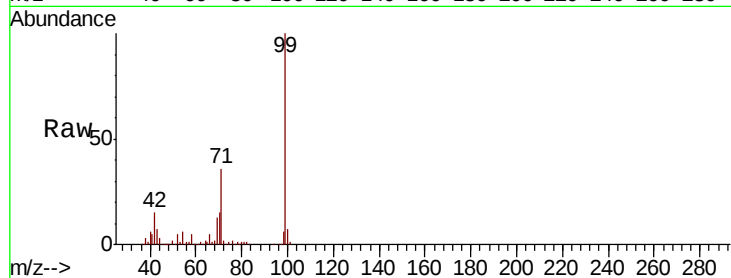
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 510829

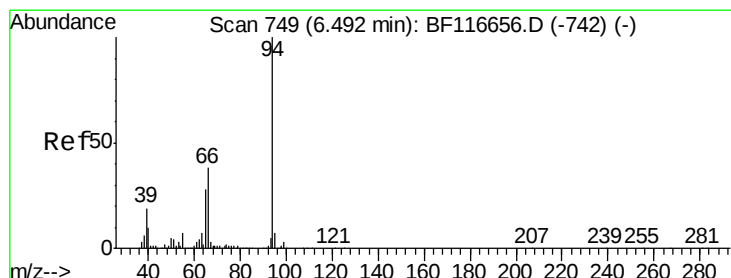
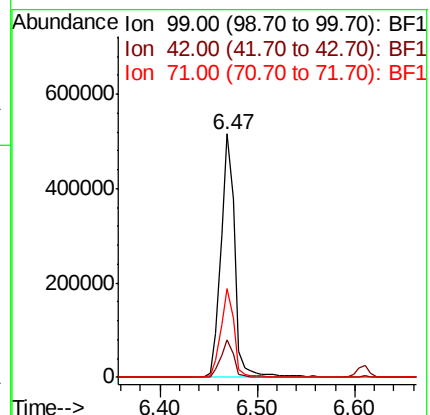
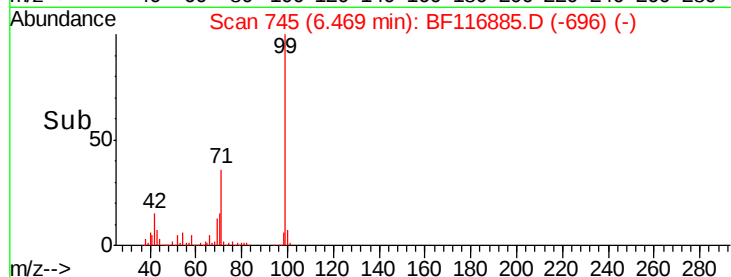
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.7	20.5
71	36.3	30.8	46.2



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: 2.520 ng

RT: 6.48 min Scan# 747

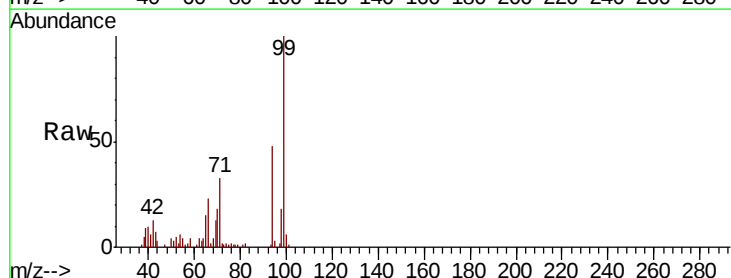
Delta R.T. -0.01 min

Lab File: BF116885.D

Acq: 8 Sep 2019 22:41

Tgt Ion: 94 Resp: 18422

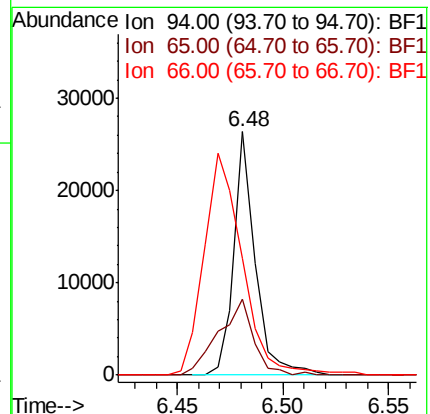
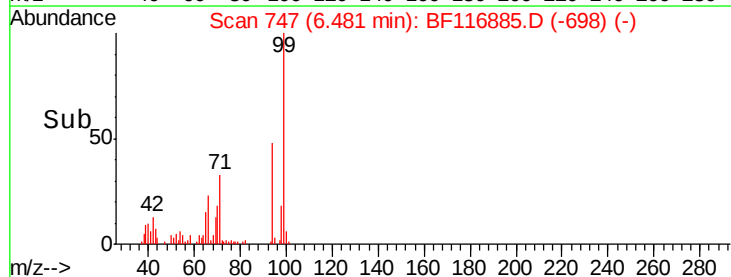
Ion	Ratio	Lower	Upper
94	100		
65	31.1	10.8	50.8
66	48.0	21.1	61.1

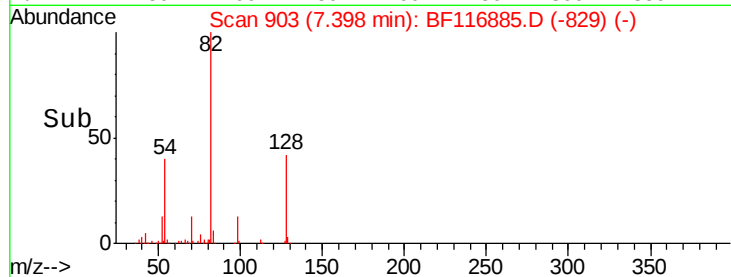
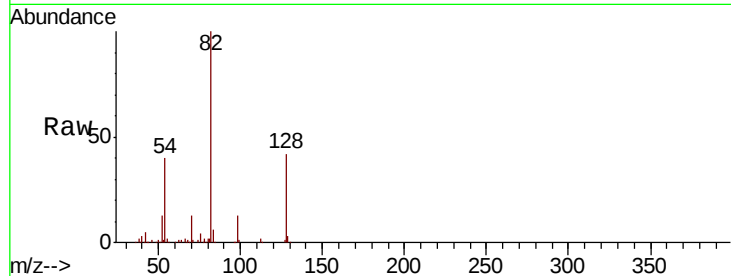
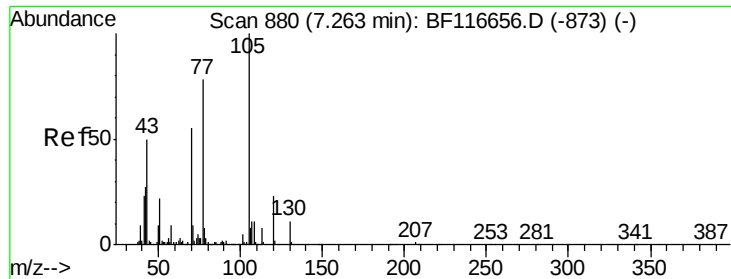


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

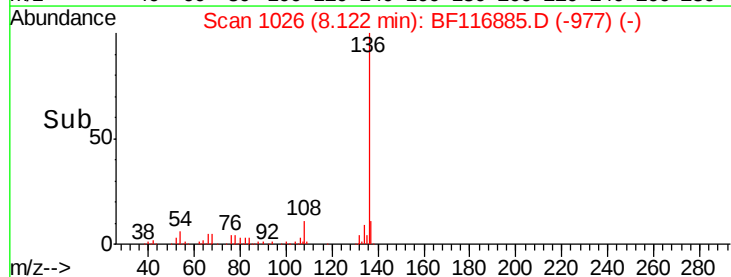
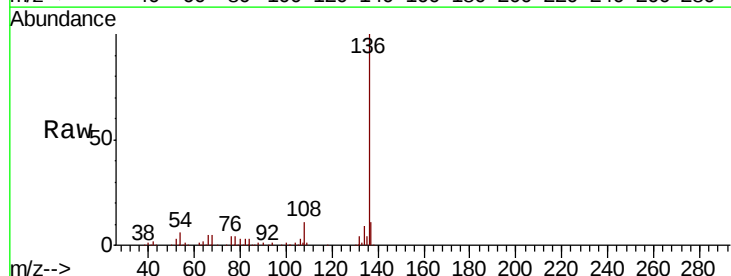
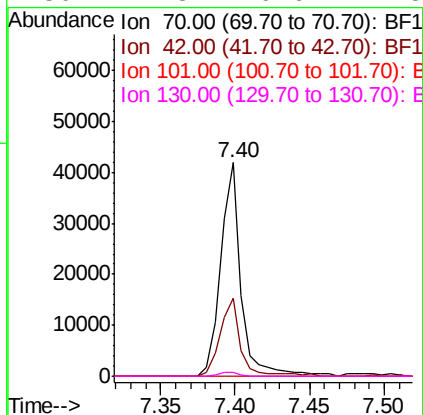




#19
n-Nitroso-di-n-propylamine
Concen: 9.275 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF116885.D
Acq: 8 Sep 2019 22:41

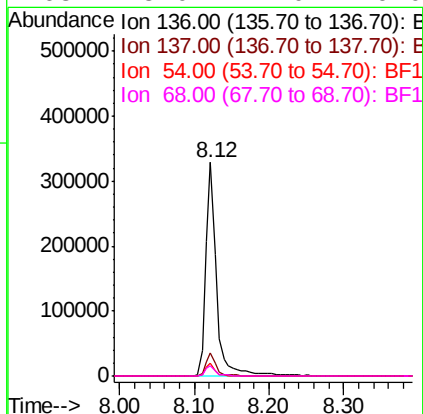
Instrument :
BNA_F
ClientSampleId :

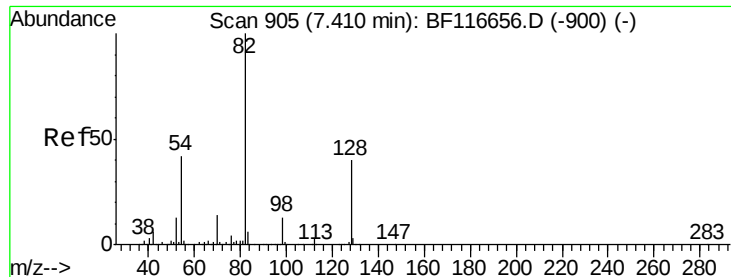
Tot Ion	Ratio	Lower	Upper
70	100		
42	36.5	43.5	65.3#
101	0.0	7.8	11.6#
130	1.8	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116885.D
Acq: 8 Sep 2019 22:41

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.9	4.8	7.2
68	5.0	4.0	6.0

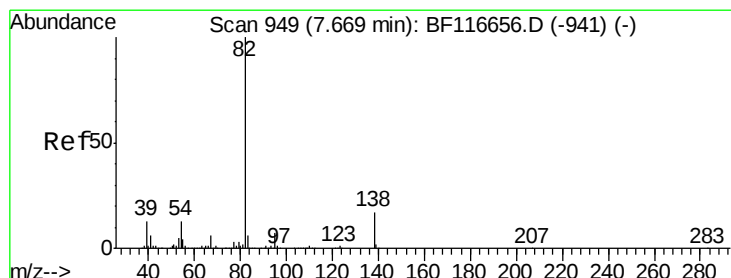
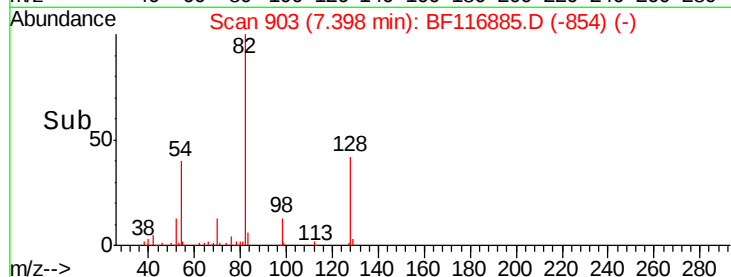
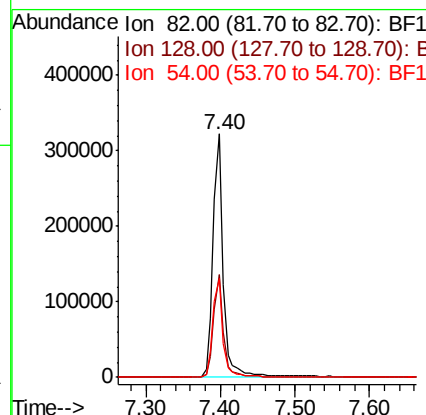
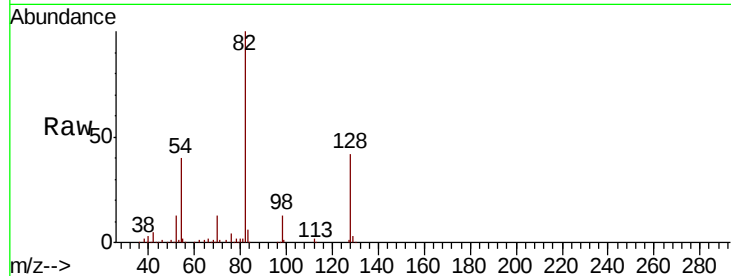




#23
 Nitrobenzene-d5
 Concen: 53.631 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF116885.D
 Acq: 8 Sep 2019 22:41

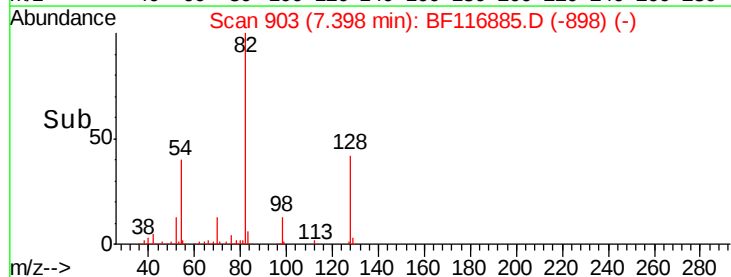
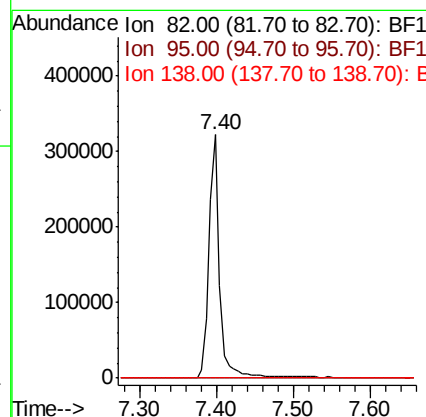
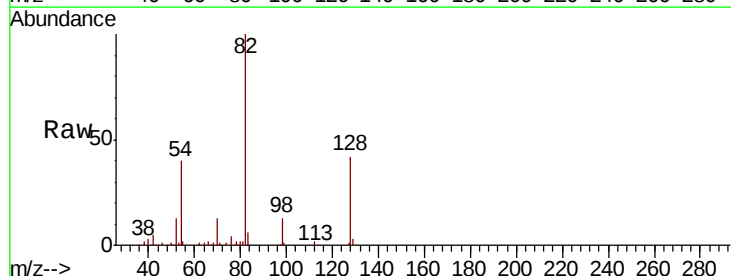
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	314923
Ion Ratio	Lower	Upper	
82	100		
128	42.1	32.8	49.2
54	40.5	36.9	55.3



#25
 Isophorone
 Concen: 26.466 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF116885.D
 Acq: 8 Sep 2019 22:41

Tgt Ion	82	Resp	314920
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

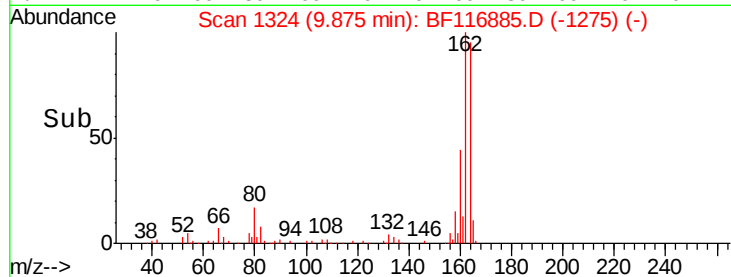
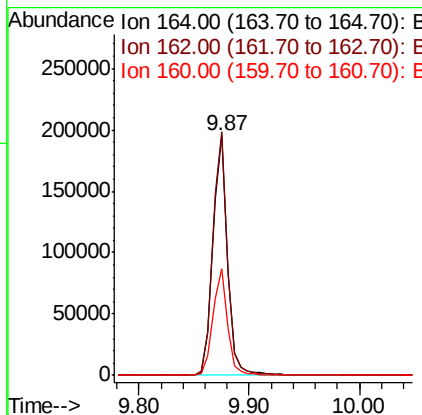
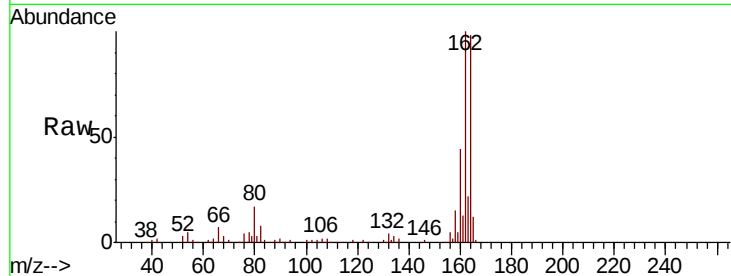




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116885.D
 Acq: 8 Sep 2019 22:41

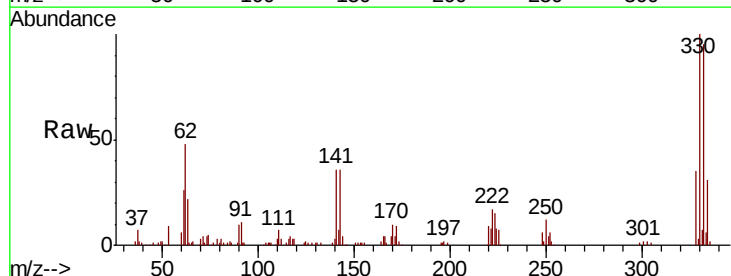
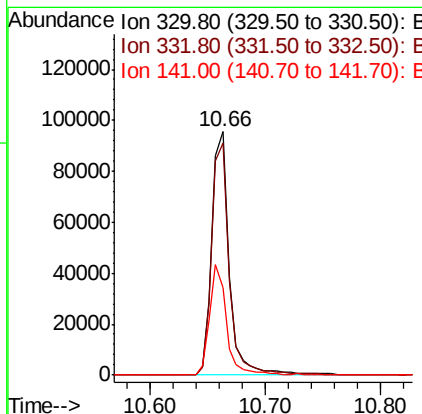
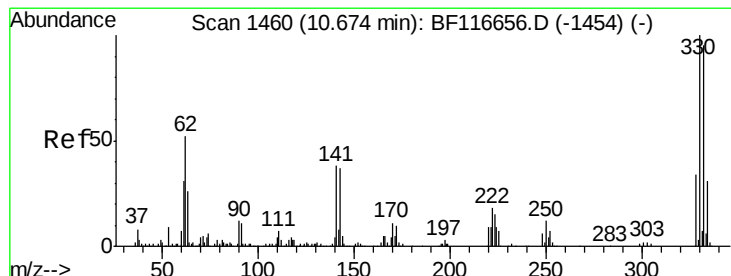
Instrument :
 BNA_F
 ClientSampled :

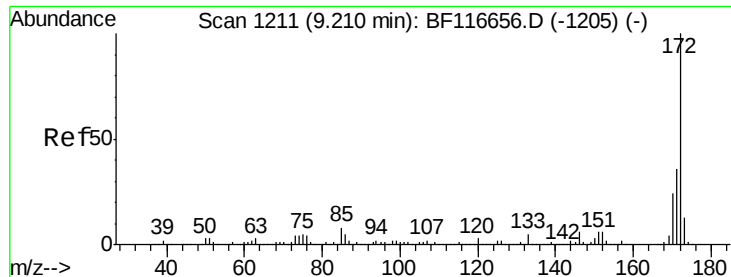
Tot Ion:164 Resp: 175538
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.4 122.0
 160 44.4 35.4 53.2



#42
 2,4,6-Tribromophenol
 Concen: 86.371 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116885.D
 Acq: 8 Sep 2019 22:41

Tgt Ion:330 Resp: 101357
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.9 115.3
 141 43.4 31.4 47.2

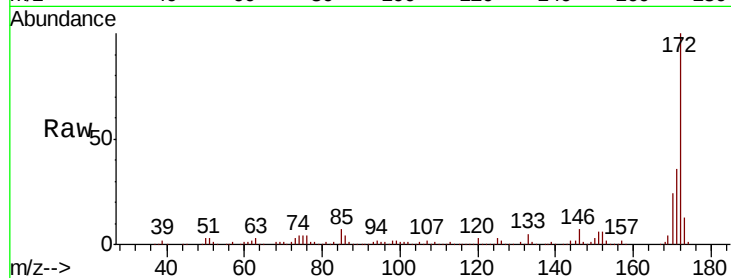




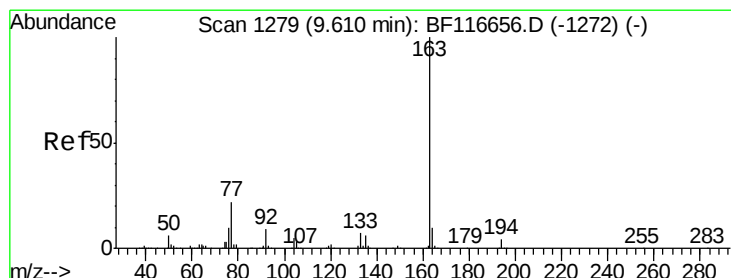
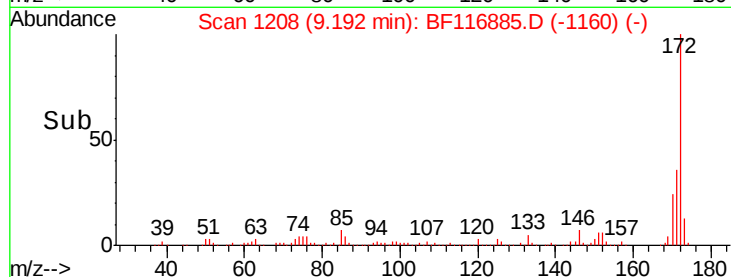
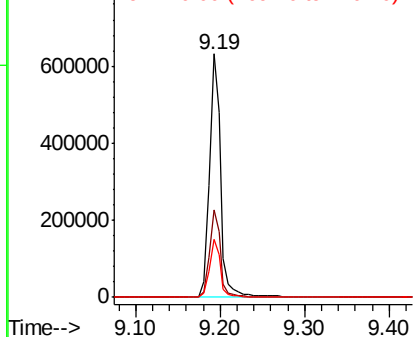
#45
 2-Fluorobiphenyl
 Concen: 56.472 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF116885.D
 Acq: 8 Sep 2019 22:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 587647
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.8 41.6
 170 23.6 18.9 28.3

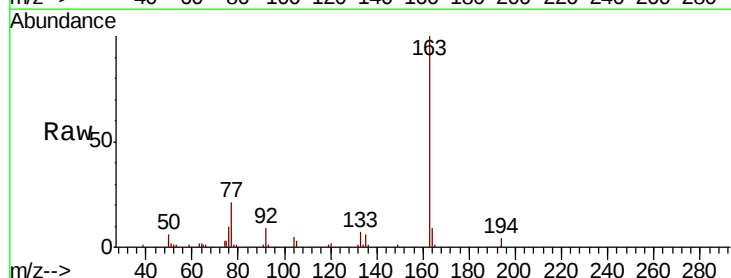


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

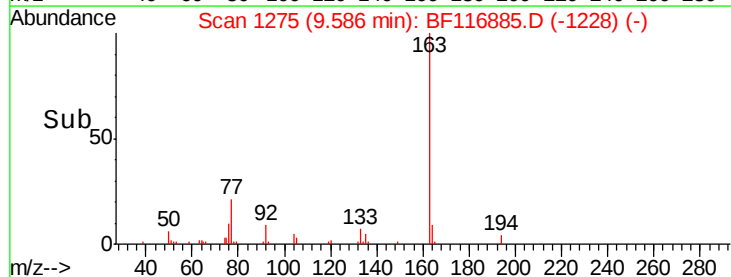
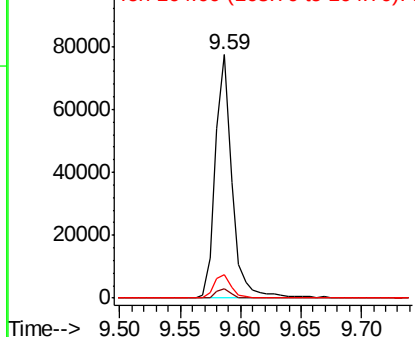


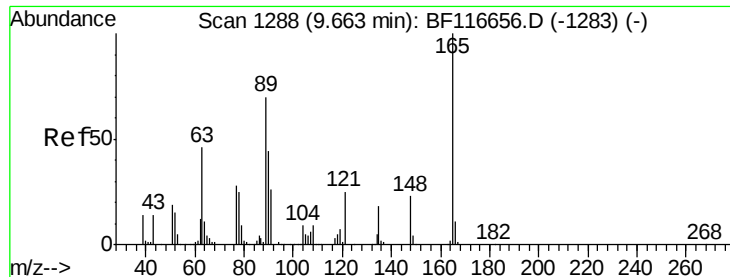
#50
 Dimethylphthalate
 Concen: 6.073 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF116885.D
 Acq: 8 Sep 2019 22:41

Tgt Ion:163 Resp: 73596
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.8 4.2
 164 9.5 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

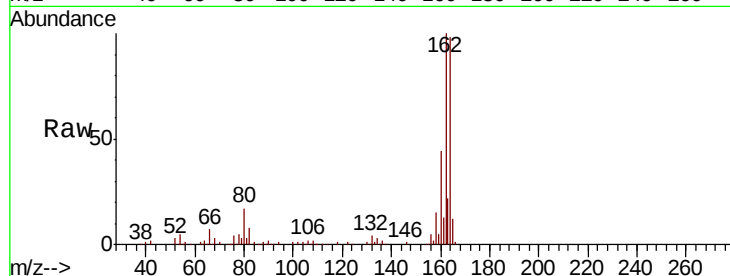




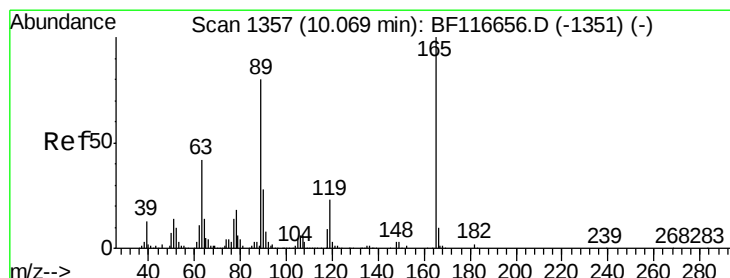
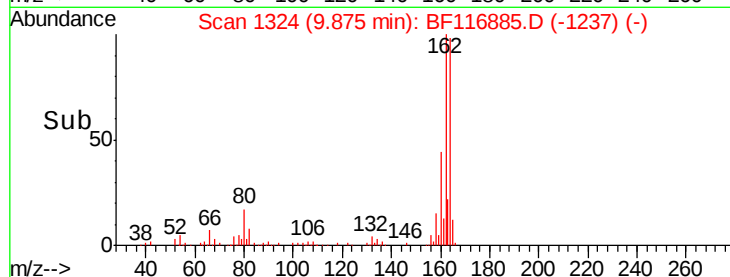
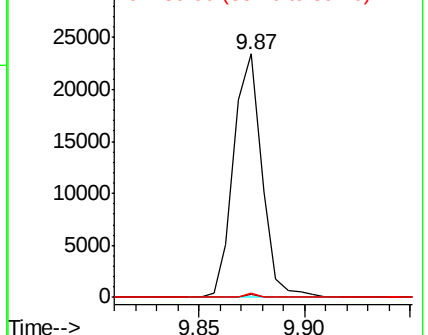
#51
2,6-Dinitrotoluene
Concen: 9.359 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF116885.D
Acq: 8 Sep 2019 22:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	47.3	70.9#
89	1.8	52.5	78.7#



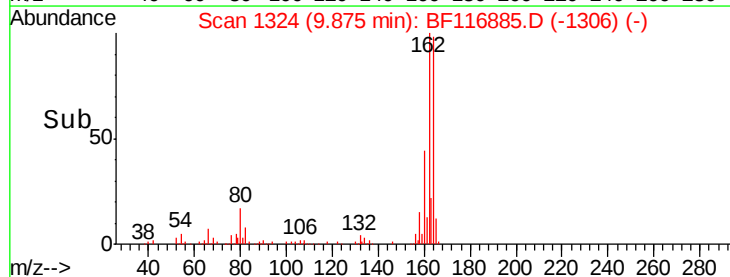
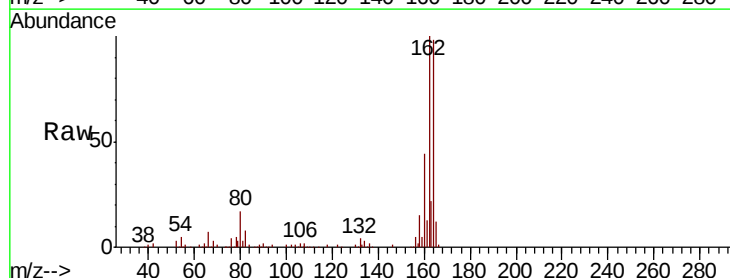
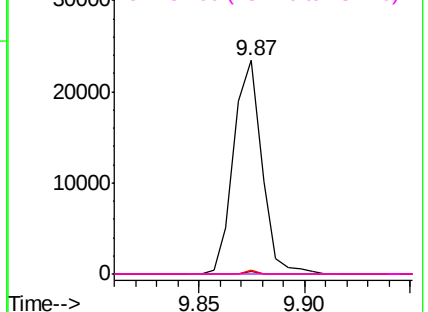
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

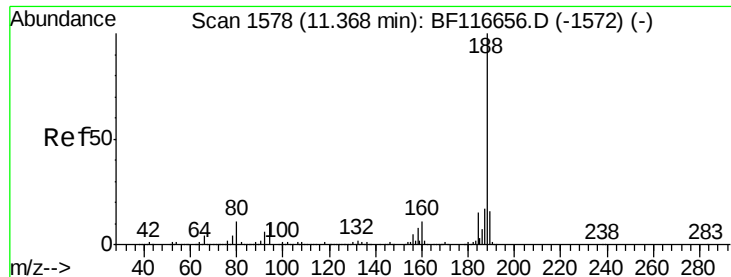


#57
2,4-Dinitrotoluene
Concen: 7.654 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF116885.D
Acq: 8 Sep 2019 22:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.8	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: BF116885.D

Acq: 8 Sep 2019 22:41

Instrument :

BNA_F

ClientSampleId :

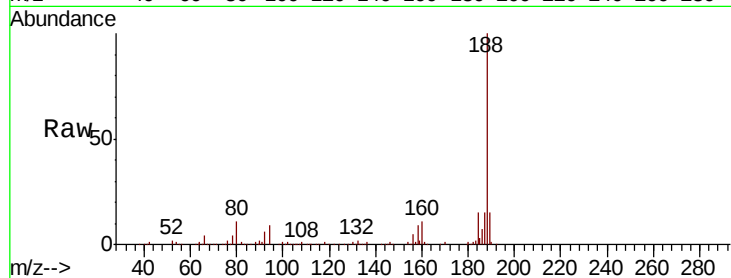
Tot Ion:188 Resp: 294310

Ion Ratio Lower Upper

188 100

94 9.5 7.3 10.9

80 11.0 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

11.36

300000

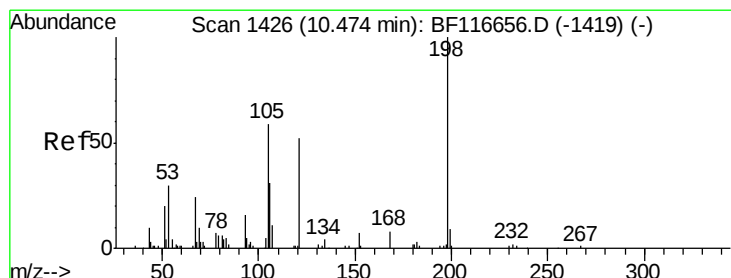
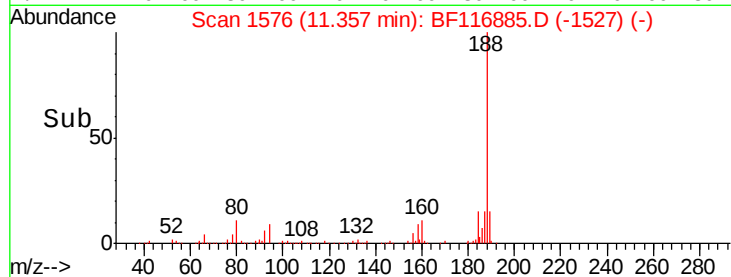
200000

100000

0

11.30 11.40 11.50

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 7.538 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.18 min

Lab File: BF116885.D

Acq: 8 Sep 2019 22:41

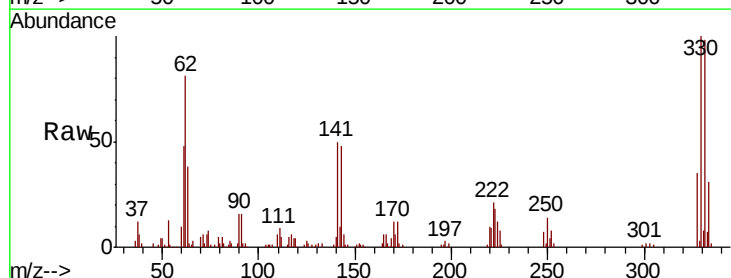
Tgt Ion:198 Resp: 111

Ion Ratio Lower Upper

198 100

51 163.8 18.4 58.4#

105 186.3 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

800

600

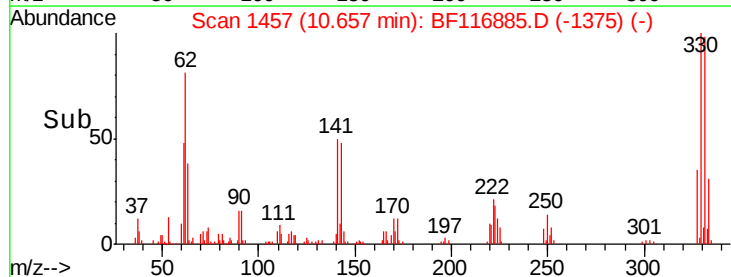
400

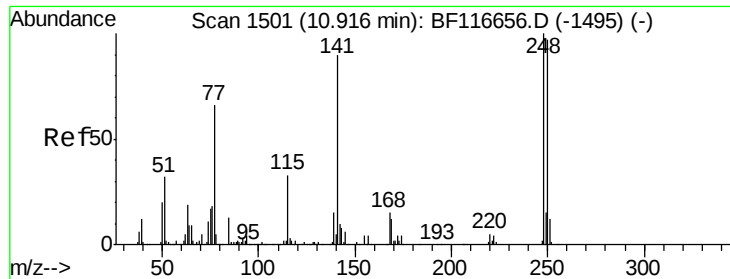
200

0

10.64 10.66

Time-->

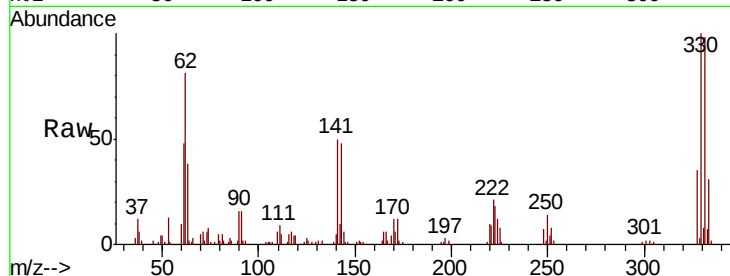




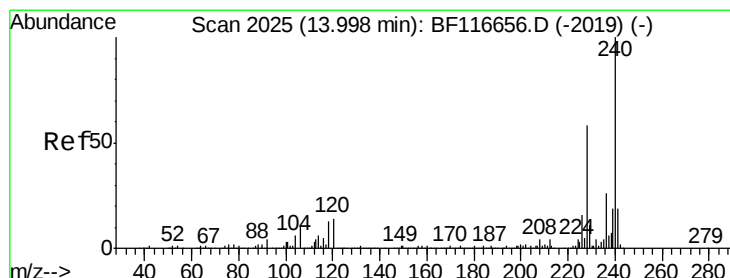
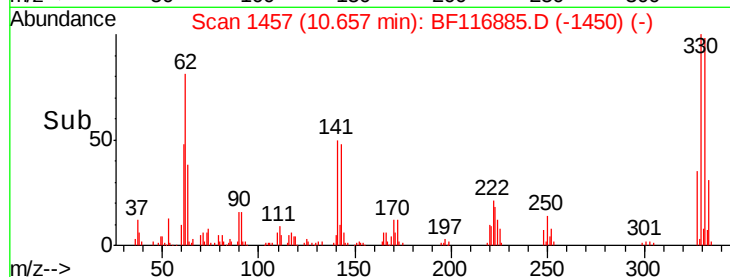
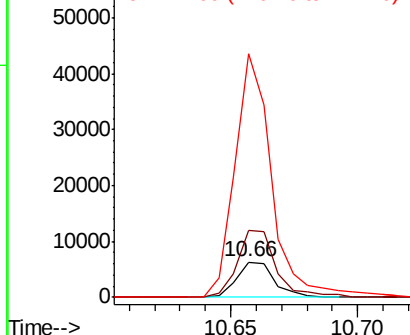
#67
 4-Bromophenyl-phenylether
 Concen: 2.194 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.26 min
 Lab File: BF116885.D
 Acq: 8 Sep 2019 22:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6559
 Ion Ratio Lower Upper
 248 100
 250 187.6 77.8 116.8#
 141 686.9 75.9 113.9#

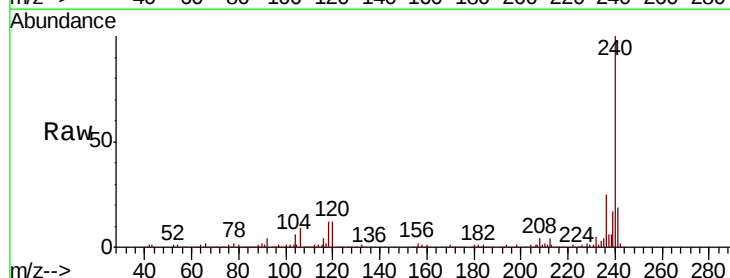


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

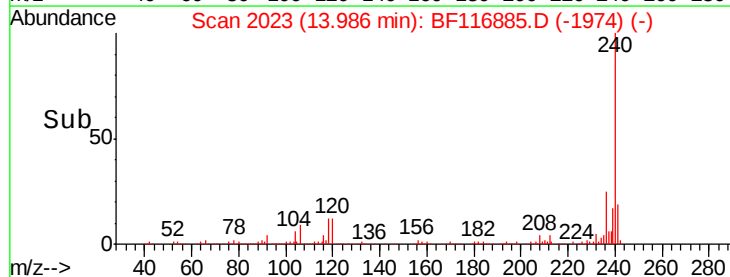
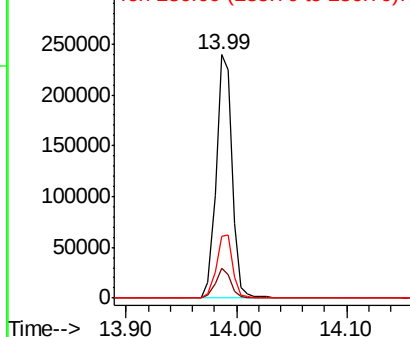


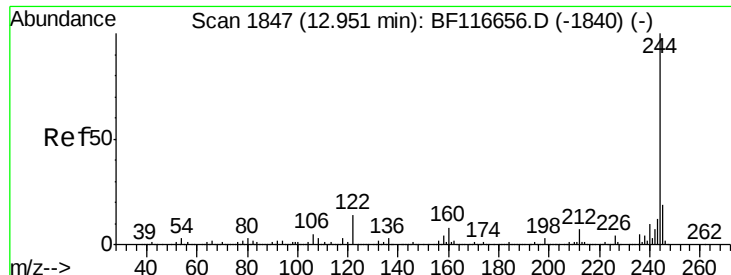
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF116885.D
 Acq: 8 Sep 2019 22:41

Tgt Ion:240 Resp: 240165
 Ion Ratio Lower Upper
 240 100
 120 12.4 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

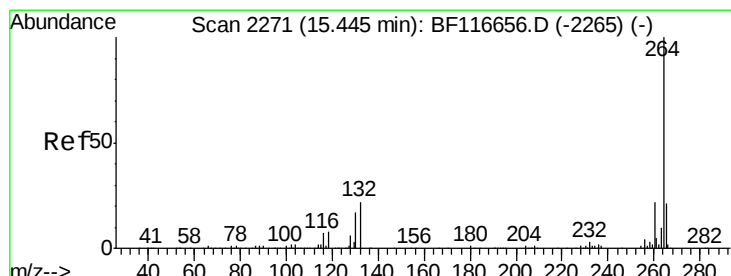
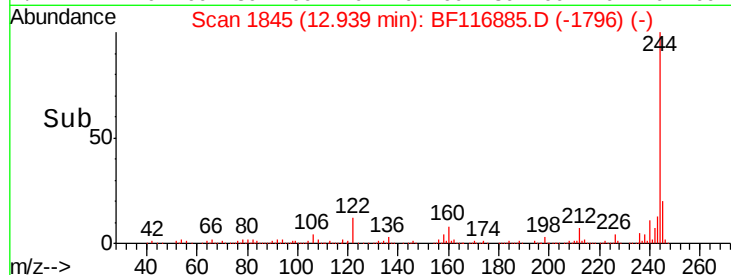
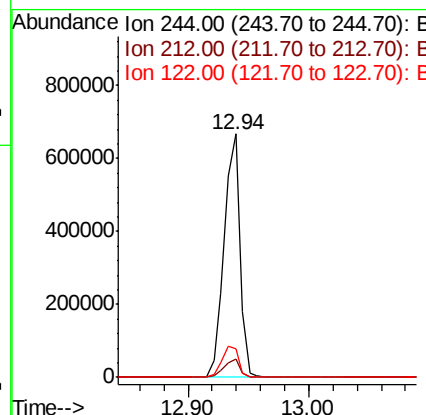
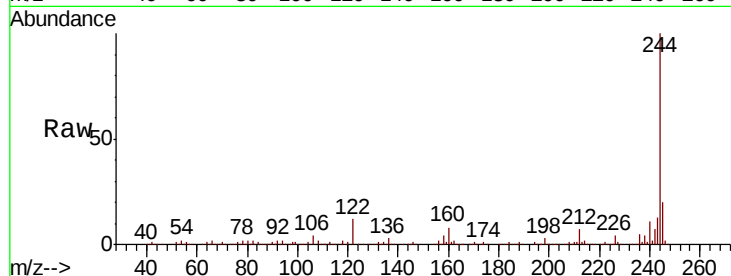




#79
 Terphenyl-d14
 Concen: 46.325 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116885.D
 Acq: 8 Sep 2019 22:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 601399
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.7 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF116885.D
 Acq: 8 Sep 2019 22:41

Tgt Ion:264 Resp: 227369
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 21.8 16.5 24.7

