

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090819\
 Data File : BF116887.D
 Acq On : 8 Sep 2019 23:35
 Operator : HP/JU
 Sample : K4636-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 02:17:04 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

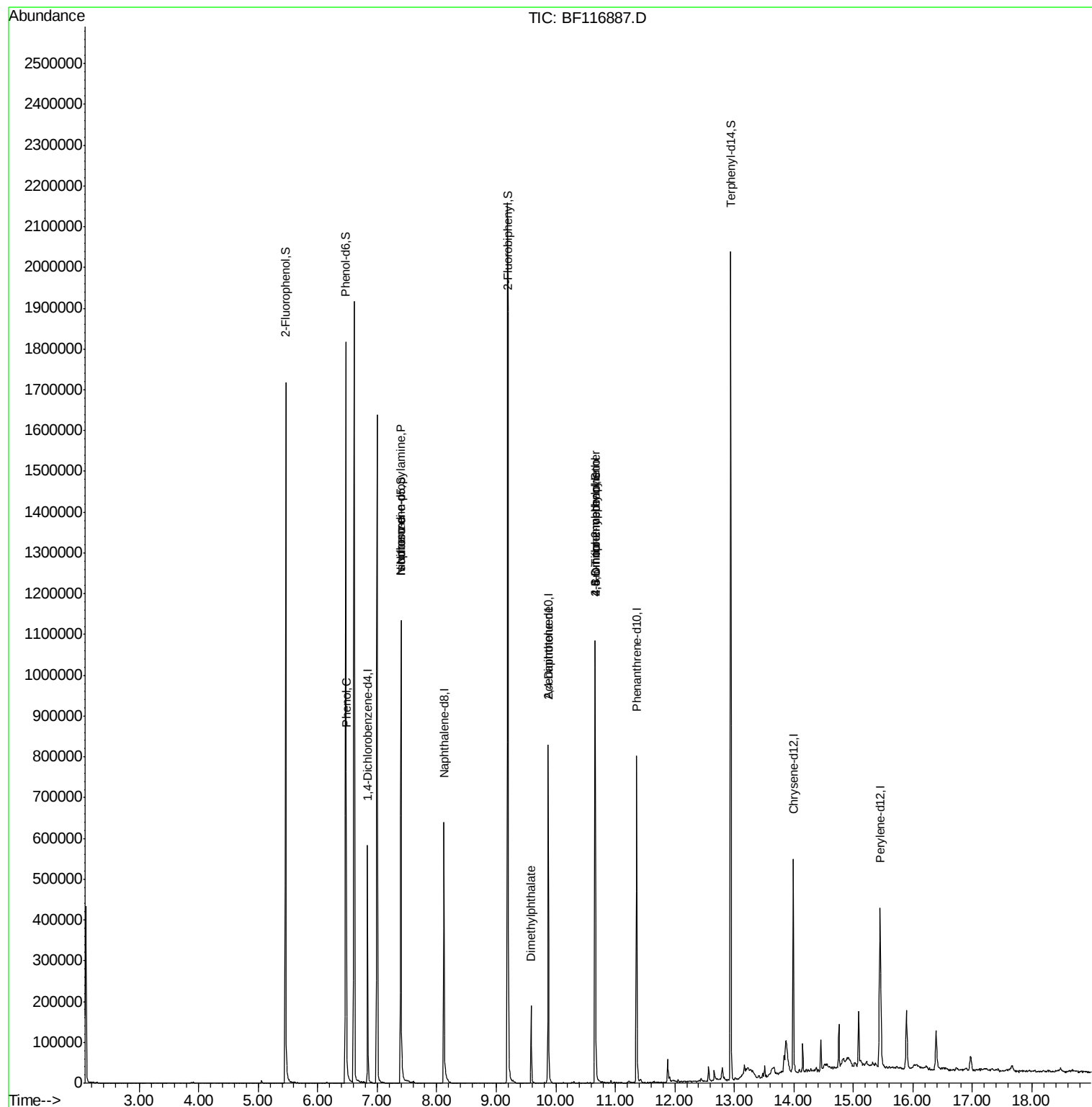
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	82247	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	335875	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	173131	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	288121	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	172995	20.00	ng	0.00
87) Perylene-d12	15.44	264	174620	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	483010	95.14	ng	0.00
7) Phenol-d6	6.47	99	657898	98.69	ng	0.00
23) Nitrobenzene-d5	7.40	82	404189	68.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	131951	114.00	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	703948	68.59	ng	-0.02
79) Terphenyl-d14	12.94	244	646267	69.11	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	23809	3.225	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.40	70	53087	12.094	ng	# 71
25) Isophorone	7.40	82	404186	33.902	ng	# 66
50) Dimethylphthalate	9.59	163	83900	7.019	ng	98
57) 2,4-Dinitrotoluene	9.87	165	21659	7.767	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.66	198	287	7.680	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	8328	2.845	ng	# 1

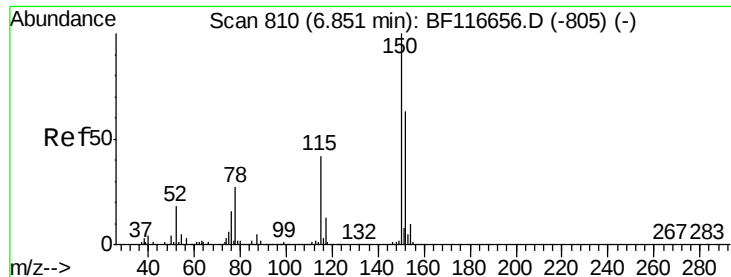
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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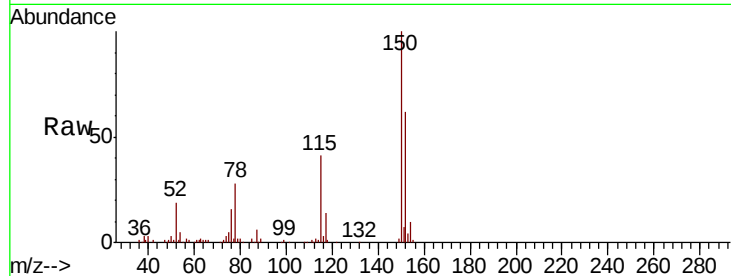


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116887.D
Acq: 8 Sep 2019 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.4	186.6
115	66.5	49.9	74.9

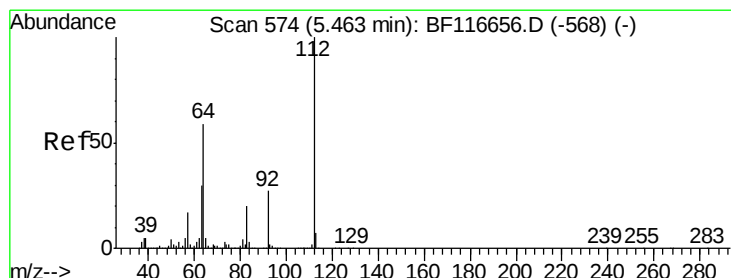
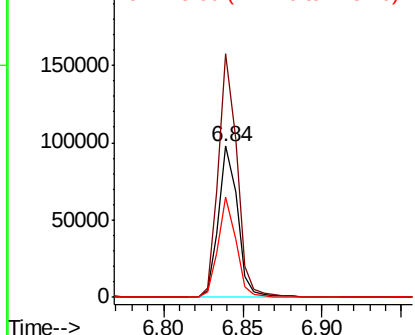
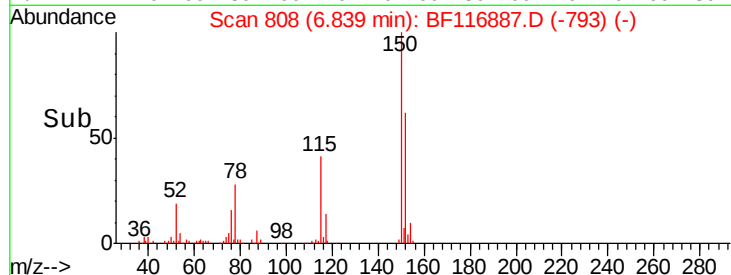


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

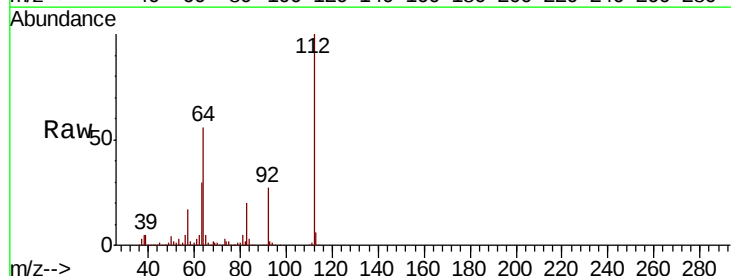
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.141 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116887.D
Acq: 8 Sep 2019 23:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.1	70.7
63	30.3	24.9	37.3

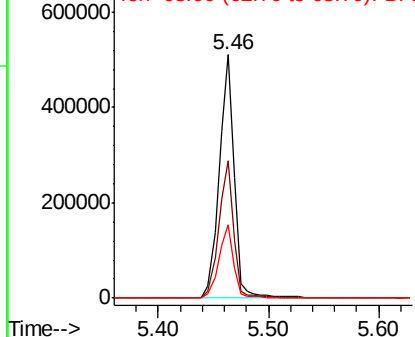
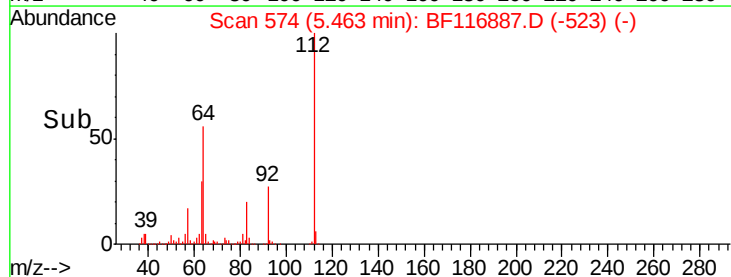


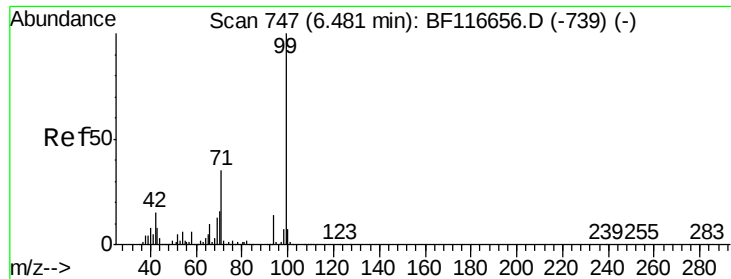
Abundance

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: 98.689 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116887.D

Acq: 8 Sep 2019 23:35

Instrument :

BNA_F

ClientSampleId :

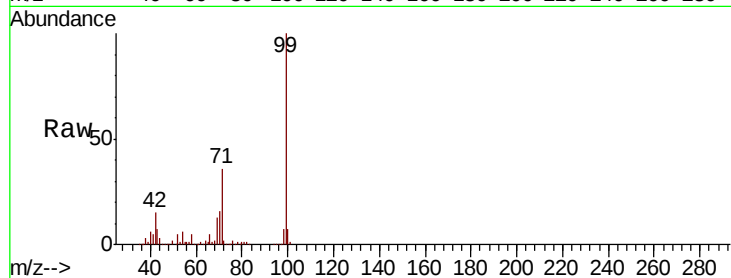
Tot Ion: 99 Resp: 657898

Ion Ratio Lower Upper

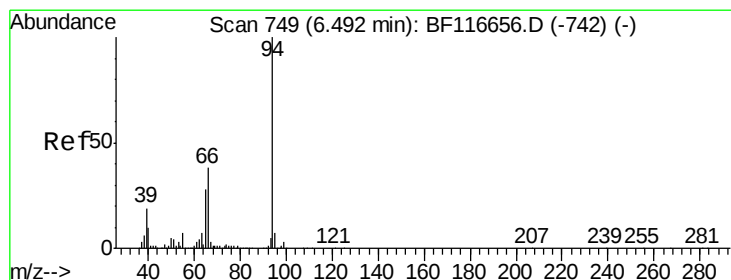
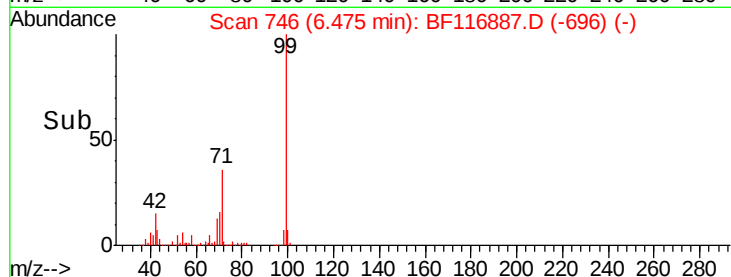
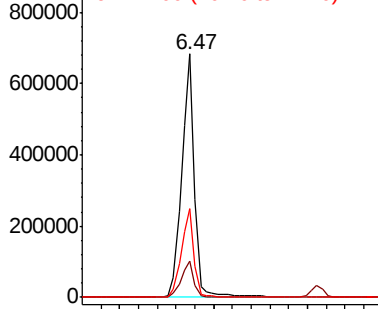
99 100

42 14.7 13.7 20.5

71 36.2 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: 3.225 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116887.D

Acq: 8 Sep 2019 23:35

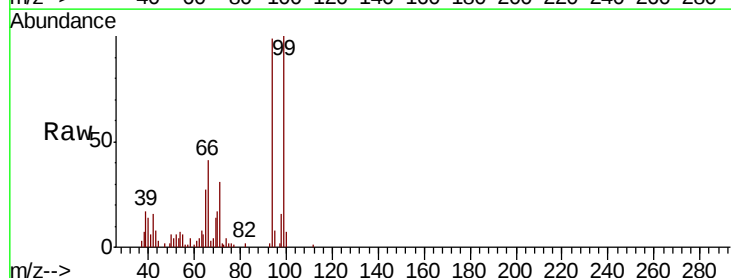
Tgt Ion: 94 Resp: 23809

Ion Ratio Lower Upper

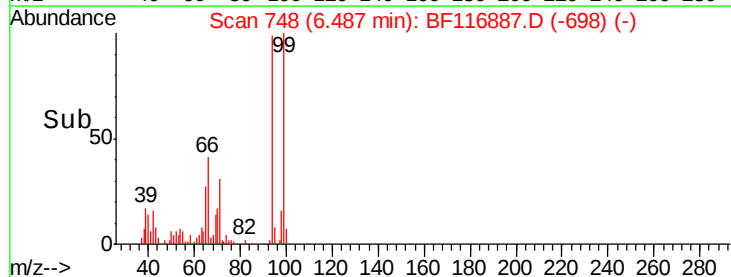
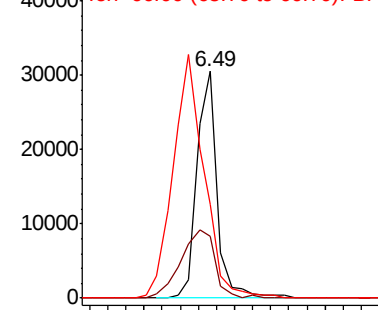
94 100

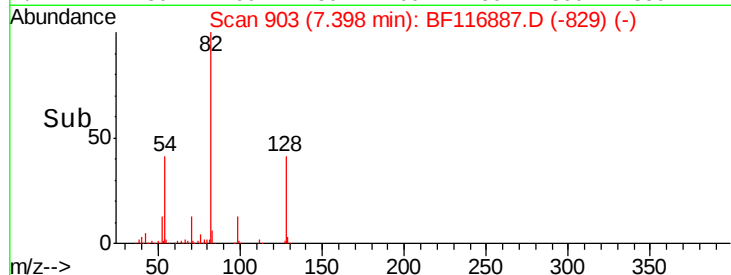
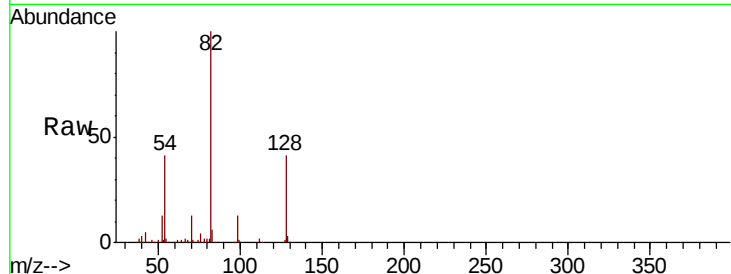
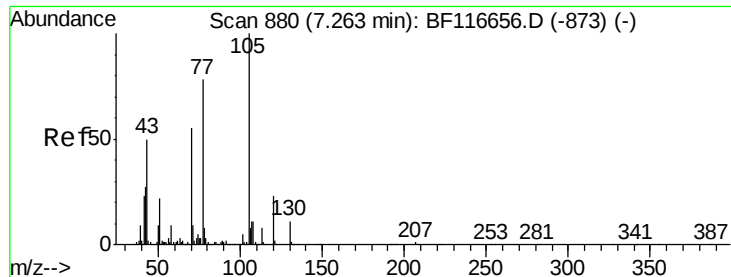
65 27.5 10.8 50.8

66 41.6 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

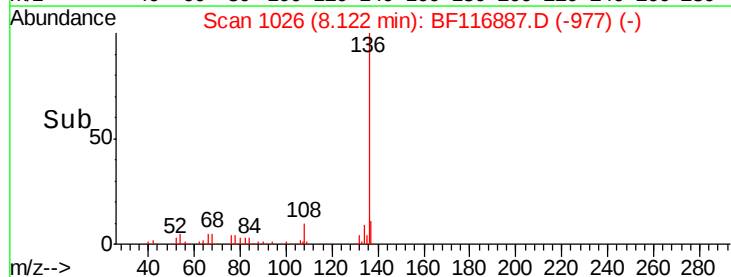
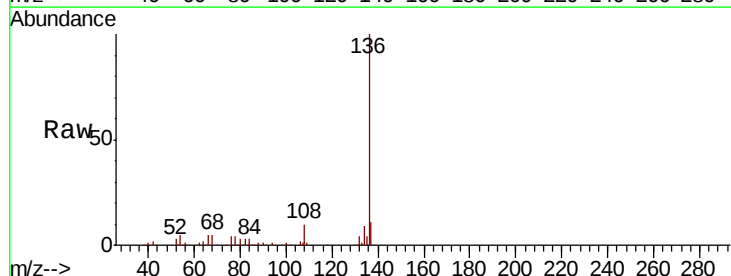
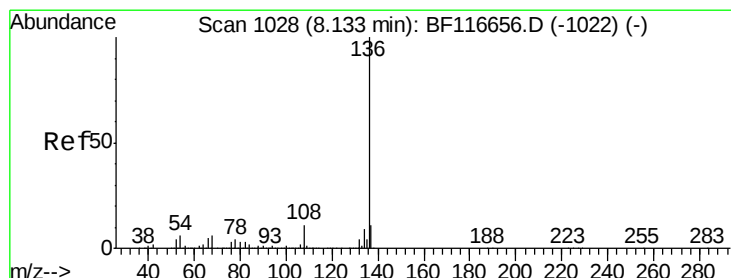
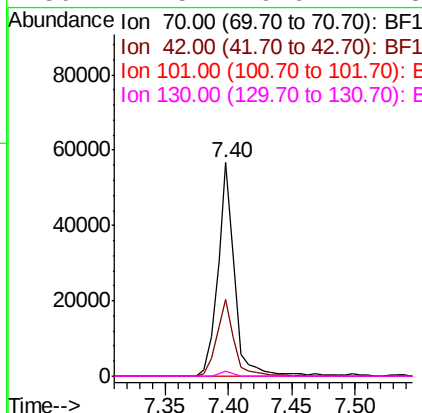




#19
n-Nitroso-di-n-propylamine
Concen: 12.094 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF116887.D
Acq: 8 Sep 2019 23:35

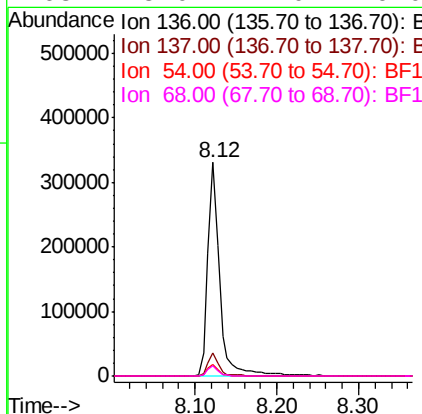
Instrument :
BNA_F
ClientSampleId :

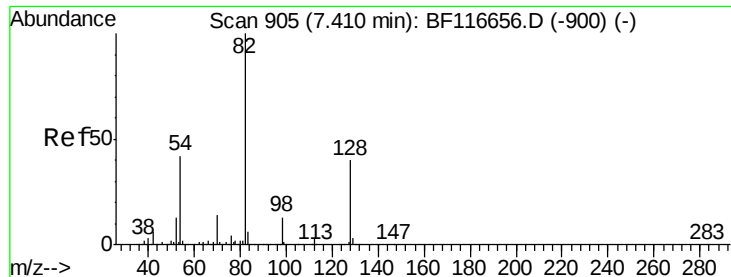
Tot Ion:	70	Resp:	53087
Ion	Ratio	Lower	Upper
70	100		
42	36.2	43.5	65.3#
101	0.0	7.8	11.6#
130	2.5	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116887.D
Acq: 8 Sep 2019 23:35

Tgt Ion:	136	Resp:	335875
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.4	4.8	7.2
68	5.0	4.0	6.0

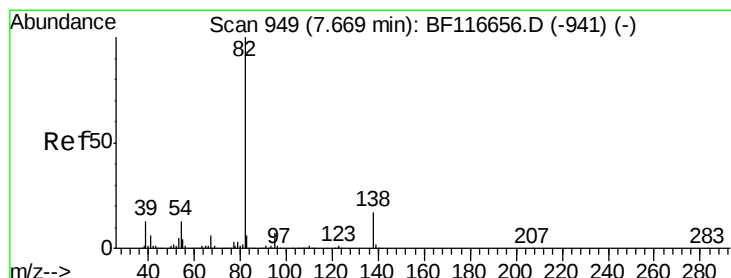
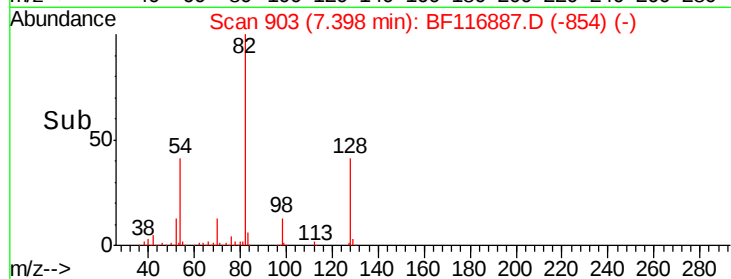
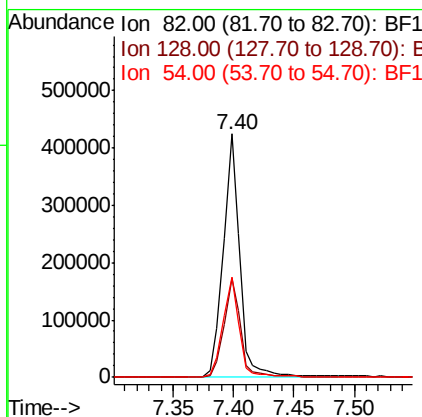
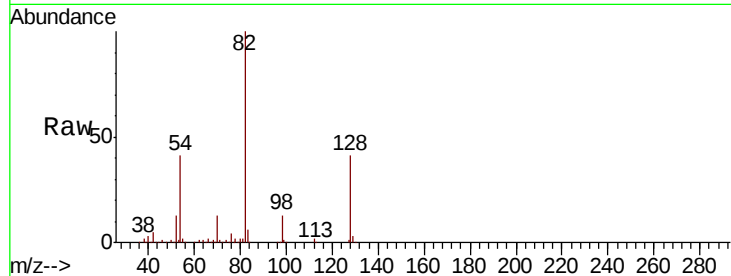




#23
 Nitrobenzene-d5
 Concen: 68.698 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF116887.D
 Acq: 8 Sep 2019 23:35

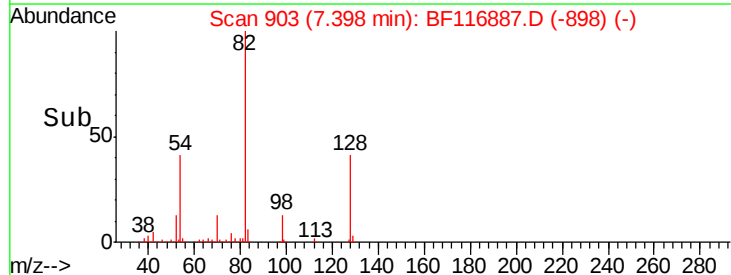
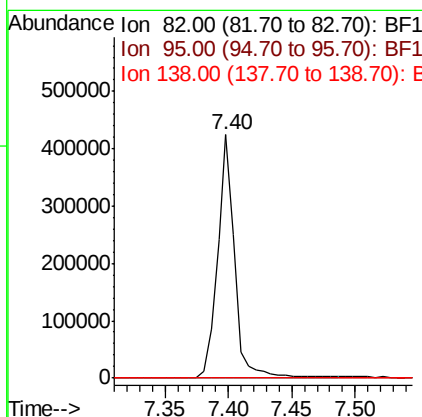
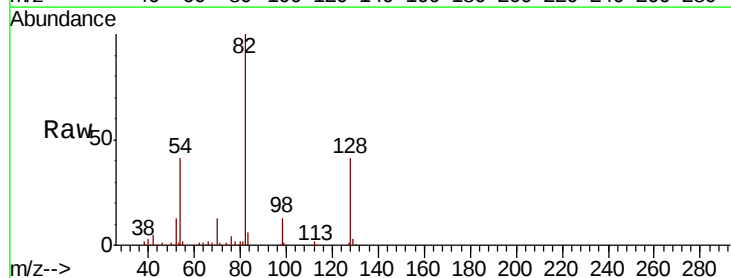
Instrument :
 BNA_F
 ClientSampleId :

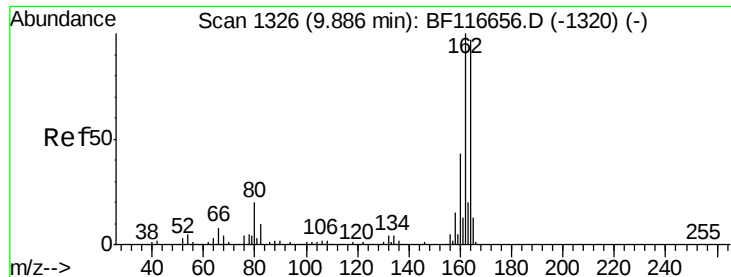
Tot Ion	82	Resp	404189
Ion Ratio	Lower	Upper	
82	100		
128	40.6	32.8	49.2
54	41.1	36.9	55.3



#25
 Isophorone
 Concen: 33.902 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF116887.D
 Acq: 8 Sep 2019 23:35

Tgt Ion	82	Resp	404186
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

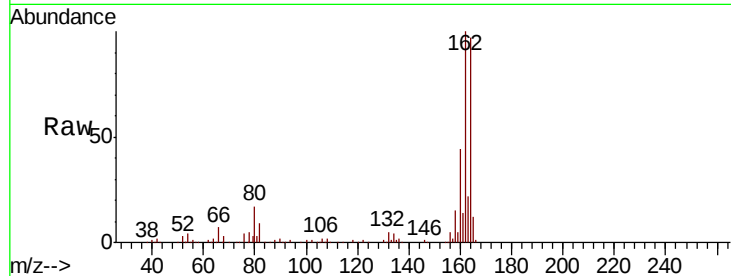




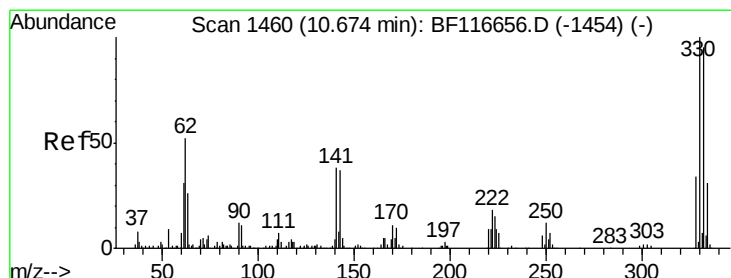
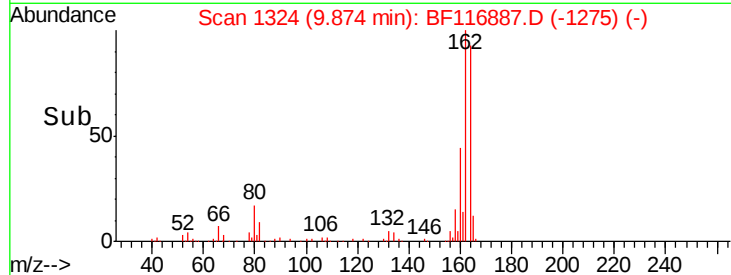
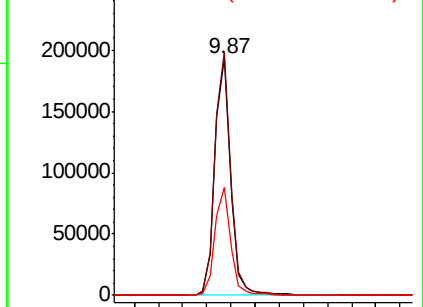
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116887.D
Acq: 8 Sep 2019 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 173131
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 45.6 35.4 53.2

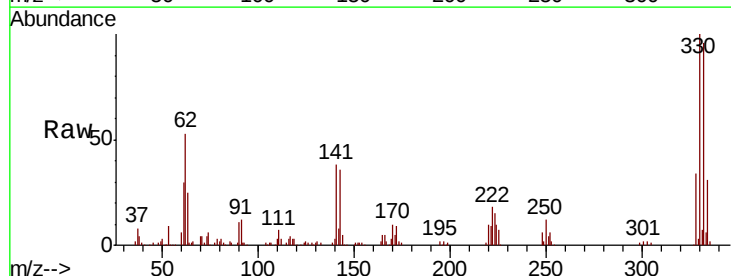


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

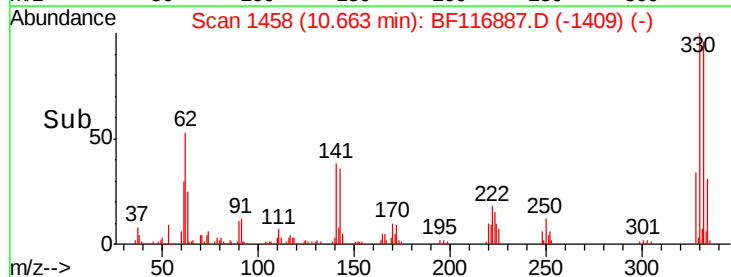
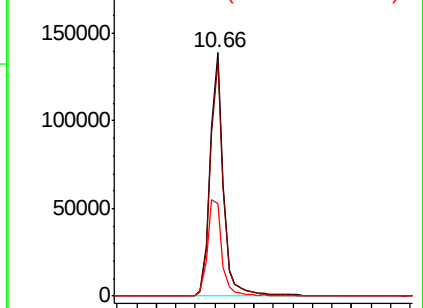


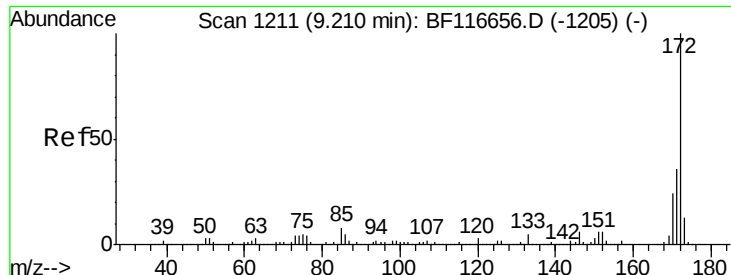
#42
2,4,6-Tribromophenol
Concen: 114.005 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116887.D
Acq: 8 Sep 2019 23:35

Tgt Ion:330 Resp: 131951
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 43.1 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

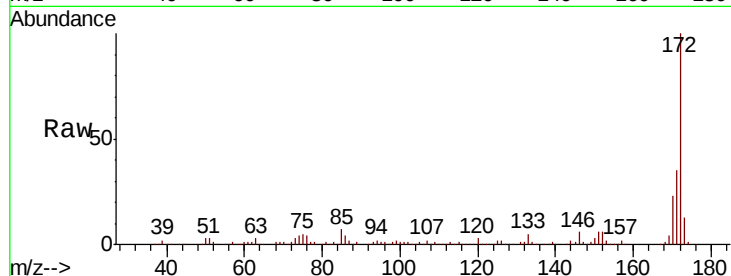




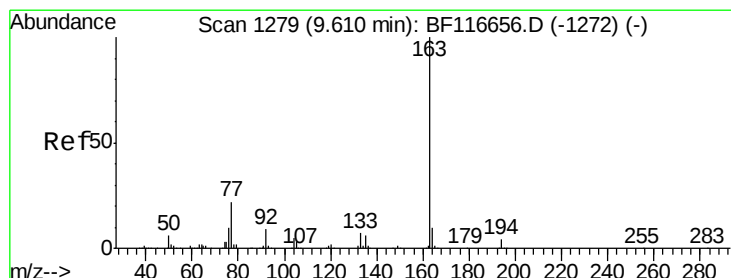
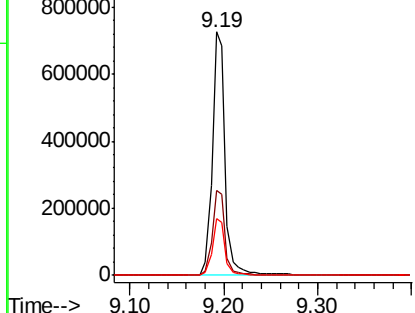
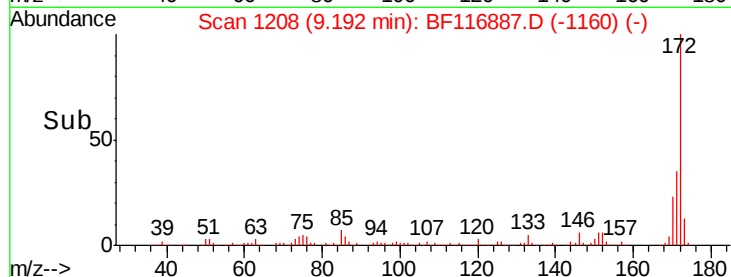
#45
2-Fluorobiphenyl
Concen: 68.589 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF116887.D
Acq: 8 Sep 2019 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.3	18.9	28.3

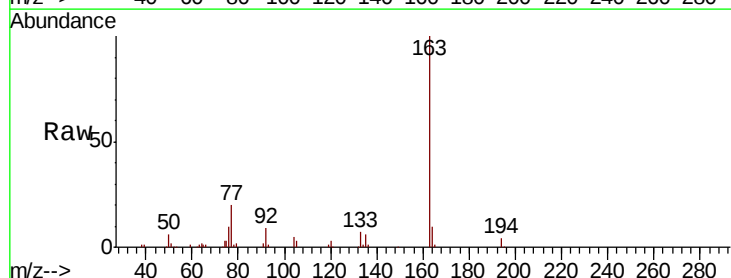


Abundance Ion 172.00 (171.70 to 172.70): E
1000000 Ion 171.00 (170.70 to 171.70): E
800000 Ion 170.00 (169.70 to 170.70): E

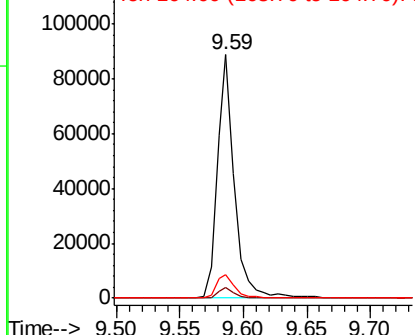
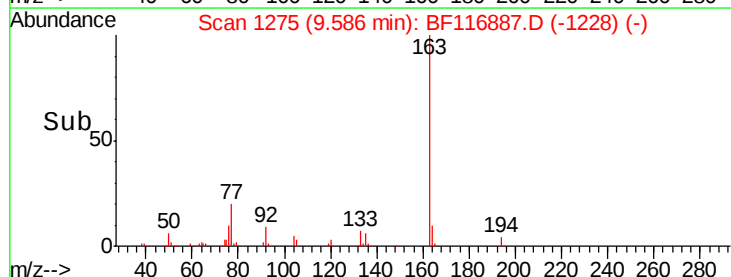


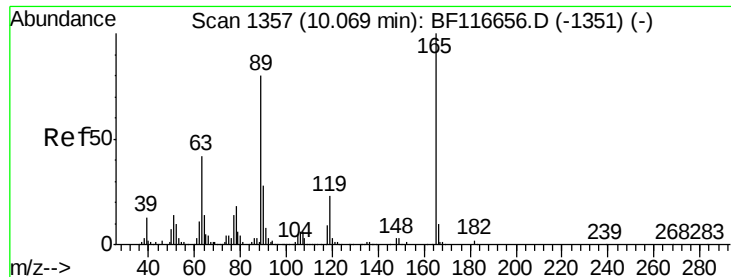
#50
Dimethylphthalate
Concen: 7.019 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116887.D
Acq: 8 Sep 2019 23:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.8	4.2
164	9.7	8.6	12.8



Abundance Ion 163.00 (162.70 to 163.70): E
120000 Ion 194.00 (193.70 to 194.70): E
100000 Ion 164.00 (163.70 to 164.70): E

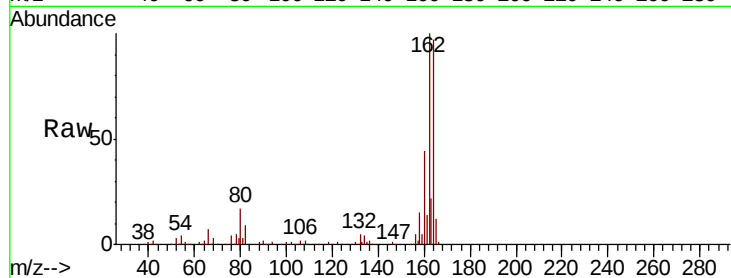




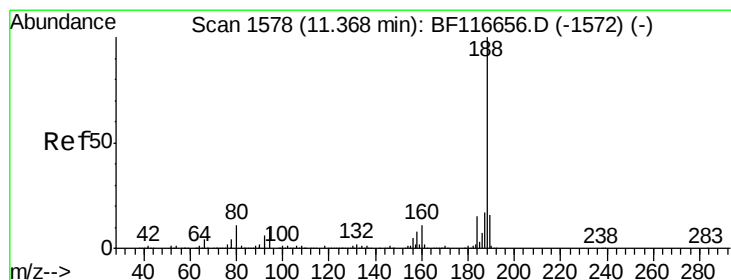
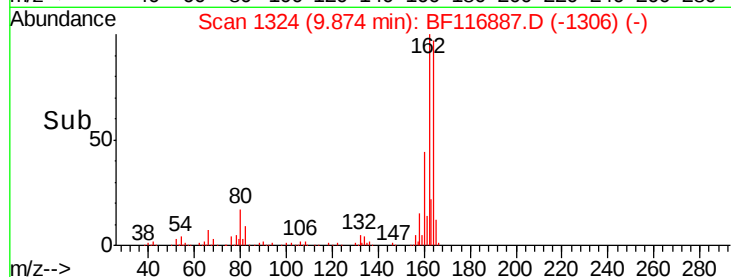
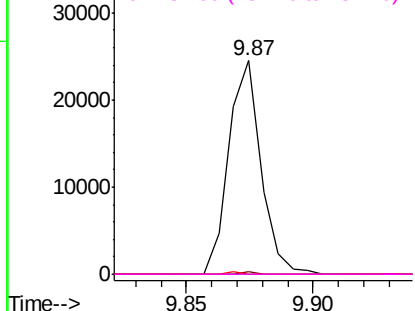
#57
2,4-Dinitrotoluene
Concen: 7.767 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF116887.D
Acq: 8 Sep 2019 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	21659
Ion Ratio	Lower	Upper
165	100	
63	1.4	36.4 54.6#
89	0.0	62.6 94.0#
182	0.0	2.1 3.1#

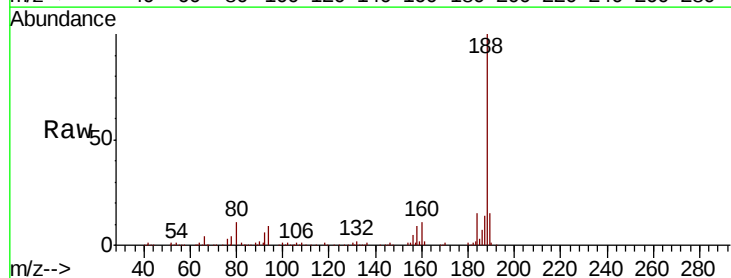


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

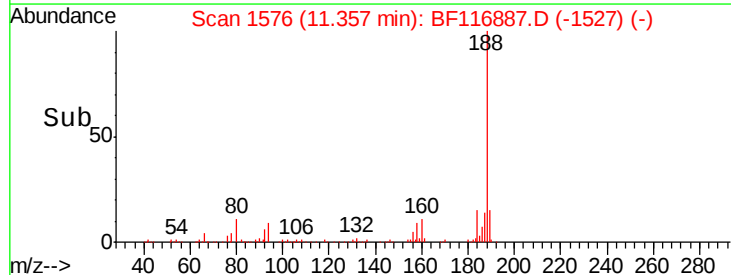
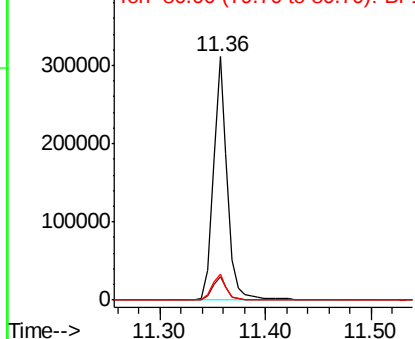


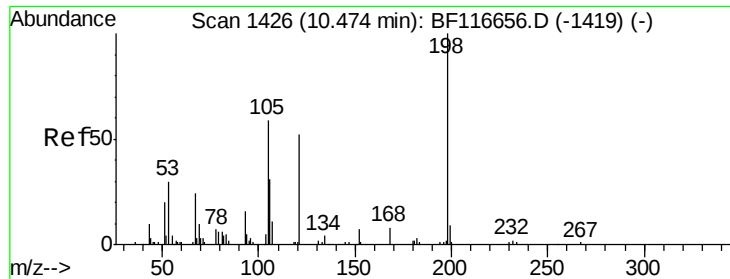
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116887.D
Acq: 8 Sep 2019 23:35

Tgt Ion:188	Resp:	288121
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.3 10.9
80	10.8	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: 7.680 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.19 min

Lab File: BF116887.D

Acq: 8 Sep 2019 23:35

Instrument :

BNA_F

ClientSampled :

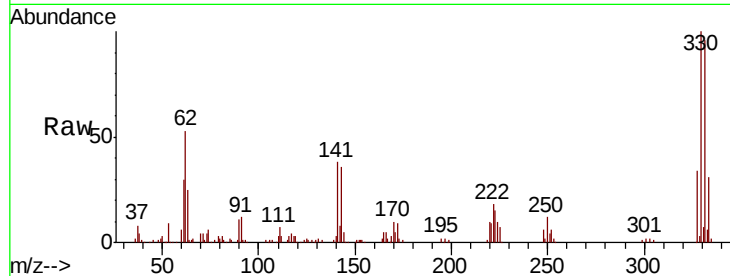
Tot Ion:198 Resp: 287

Ion Ratio Lower Upper

198 100

51 80.1 18.4 58.4#

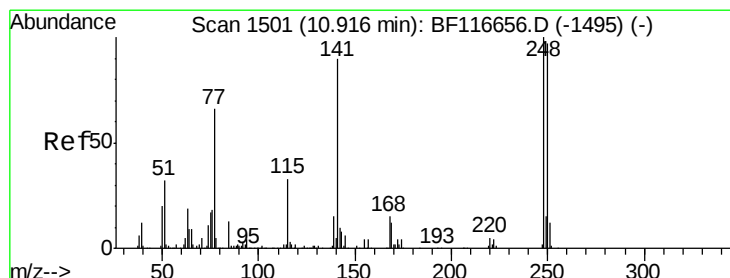
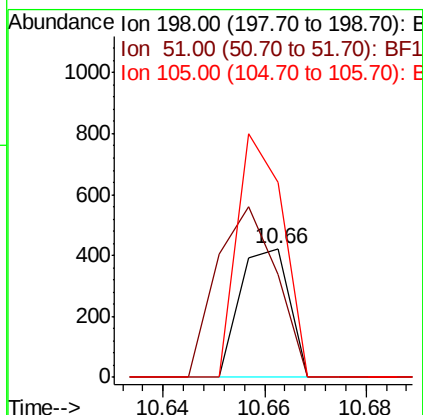
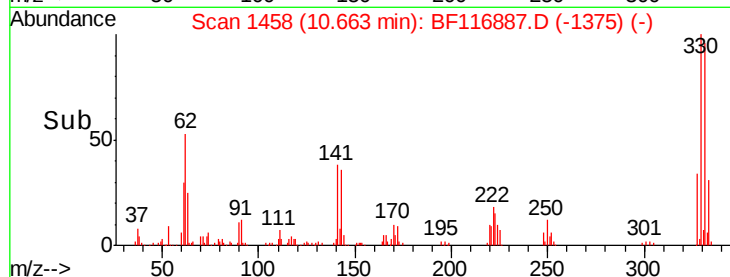
105 151.7 22.9 62.9#



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: 2.845 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF116887.D

Acq: 8 Sep 2019 23:35

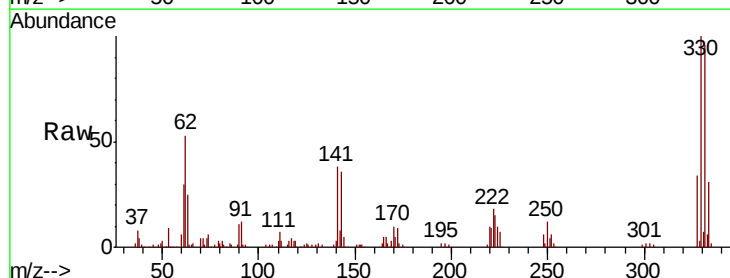
Tgt Ion:248 Resp: 8328

Ion Ratio Lower Upper

248 100

250 188.4 77.8 116.8#

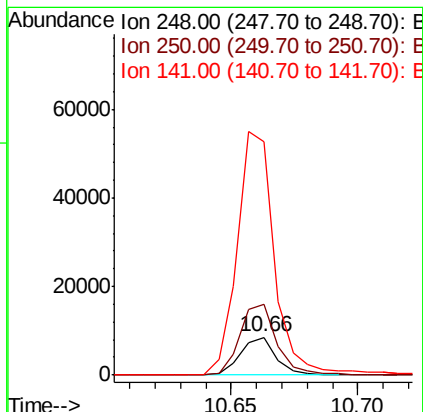
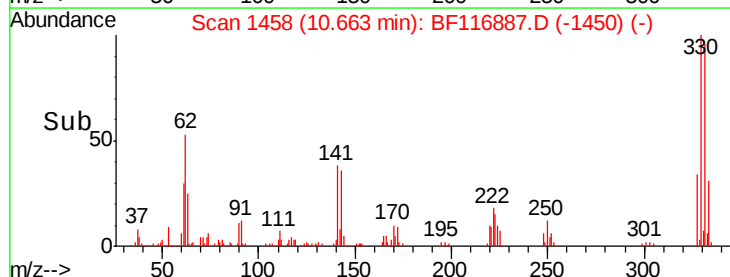
141 615.3 75.9 113.9#

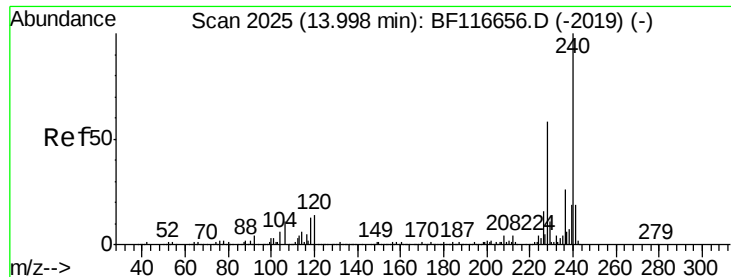


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

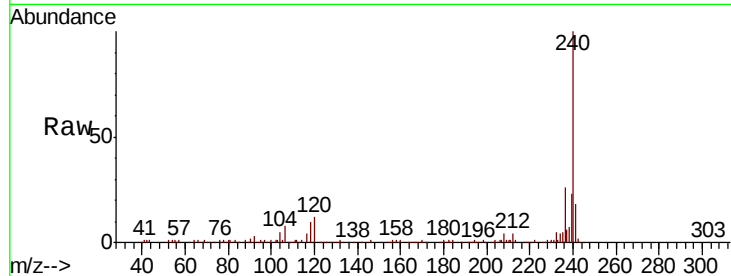




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116887.D
 Acq: 8 Sep 2019 23:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.1	13.7
236	25.5	21.1	31.7

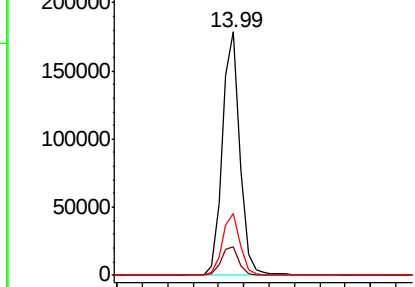
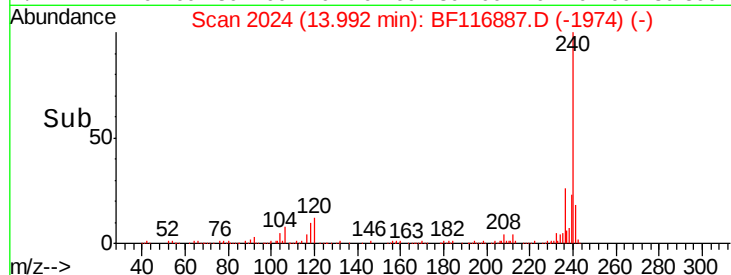


Abundance

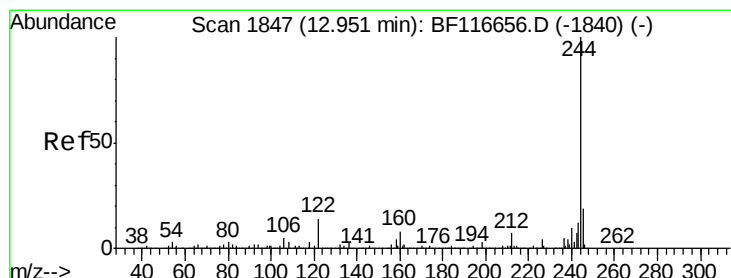
Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

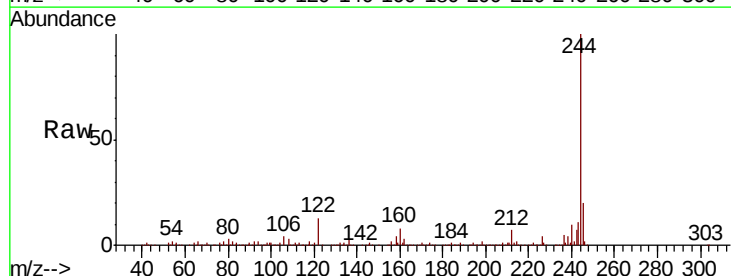


Time--> 13.90 14.00 14.10



#79
 Terphenyl-d14
 Concen: 69.109 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116887.D
 Acq: 8 Sep 2019 23:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	12.5	10.2	15.4

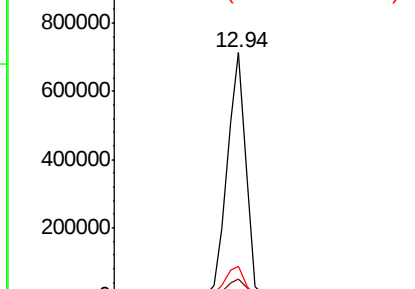
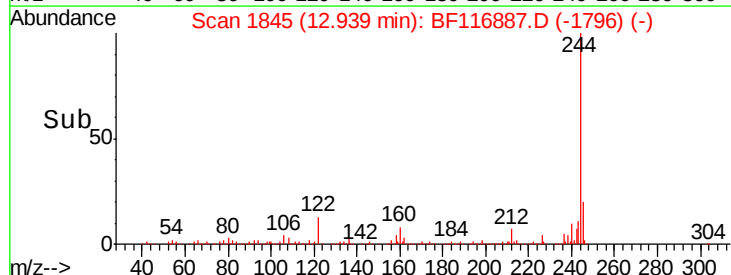


Abundance

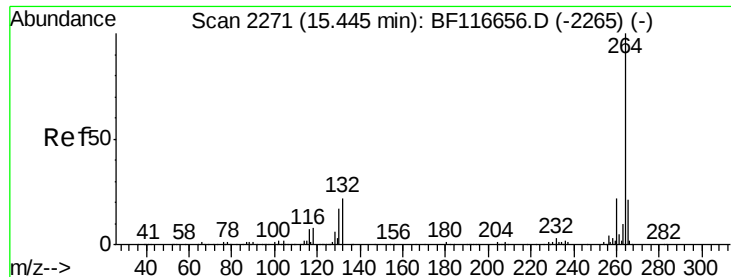
Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



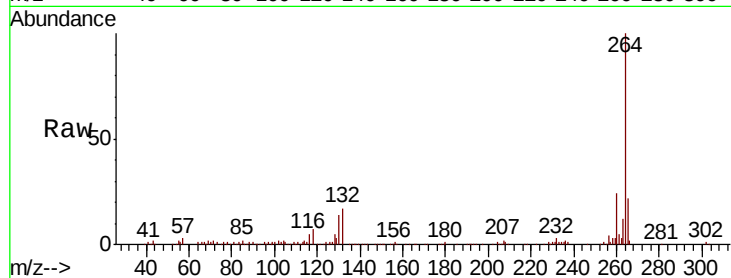
Time--> 12.90 12.95 13.00



#87
 Pervlone-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF116887.D
 Acq: 8 Sep 2019 23:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	22.2	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

