

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116617.D
 Acq On : 28 Aug 2019 16:17
 Operator : HP/JU
 Sample : K4521-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 01:02:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

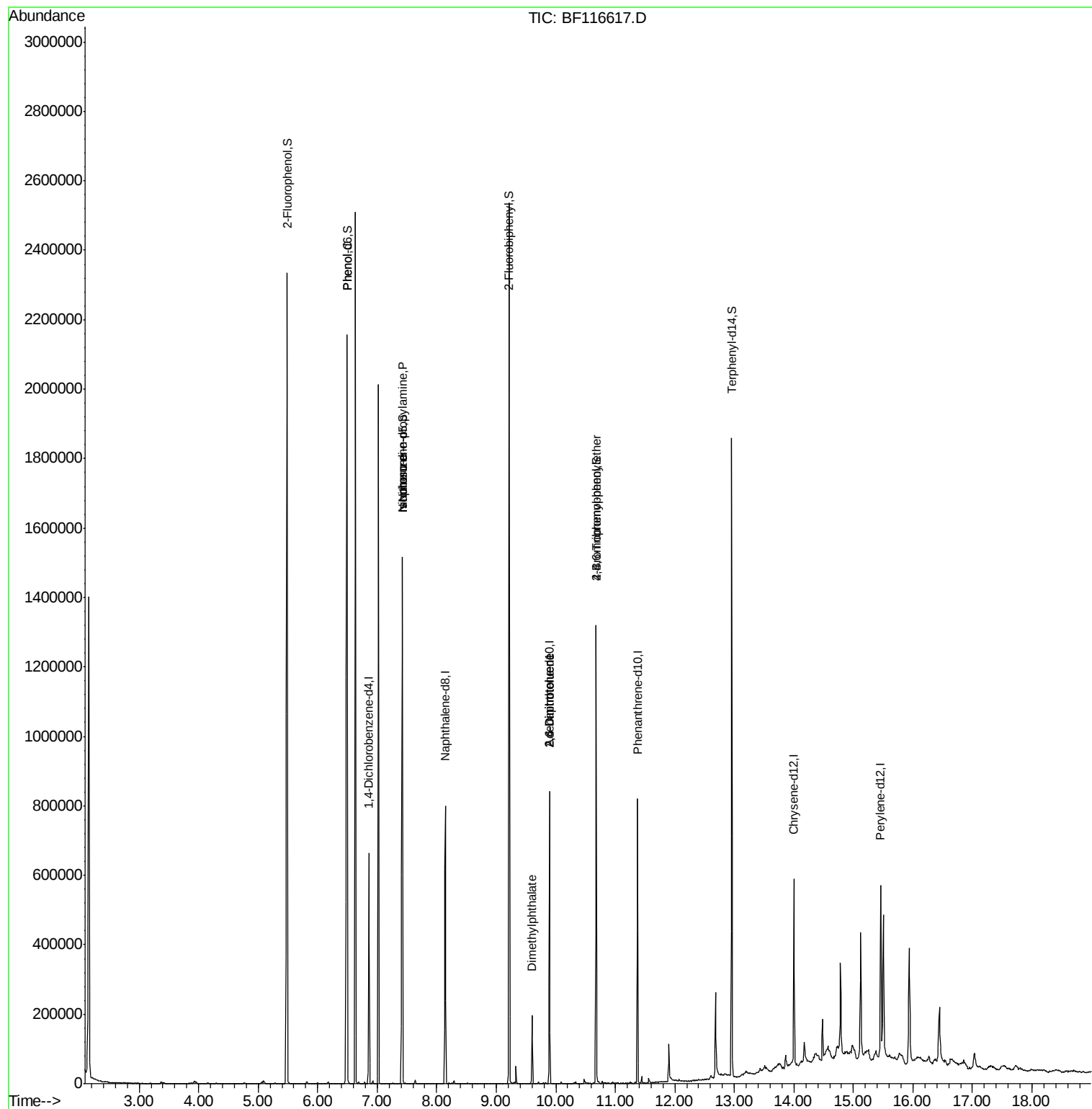
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	87263	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	332583	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	162923	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	258171	20.00	ng	0.00
76) Chrysene-d12	14.00	240	155037	20.00	ng	0.00
87) Perylene-d12	15.46	264	227252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	648418	128.34	ng	0.00
7) Phenol-d6	6.49	99	801879	117.07	ng	0.00
23) Nitrobenzene-d5	7.42	82	496275	85.38	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	144770	93.38	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	733743	74.95	ng	0.00
79) Terphenyl-d14	12.96	244	563718	59.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	1626	Below Cal	Qvalue	# 1
10) Phenol	6.50	94	40848	5.437	ng	# 89
19) n-Nitroso-di-n-propylamine	7.42	70	65716	15.087	ng	# 77
25) Isophorone	7.42	82	496265	46.901	ng	# 65
50) Dimethylphthalate	9.60	163	70270	6.416	ng	# 99
51) 2,6-Dinitrotoluene	9.89	165	21350	8.840	ng	# 30
57) 2,4-Dinitrotoluene	9.89	165	21350	6.699	ng	# 27
67) 4-Bromophenyl-phenylether	10.68	248	9694	3.540	ng	# 1

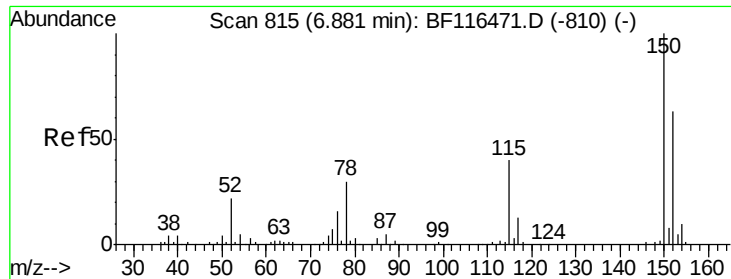
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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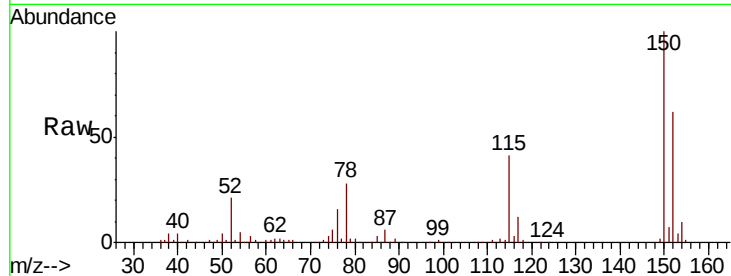


#1

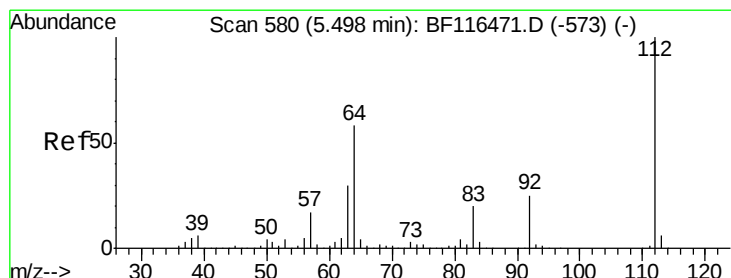
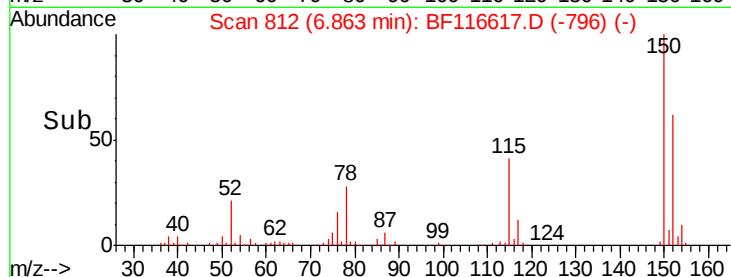
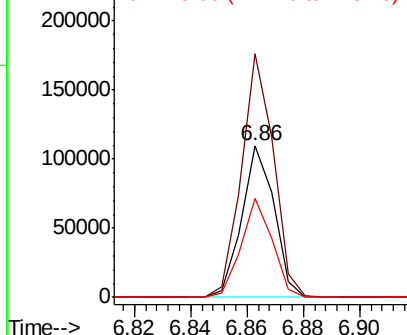
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116617.D
Acq: 28 Aug 2019 16:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 87263
Ion Ratio Lower Upper
152 100
150 160.4 123.4 185.2
115 65.2 48.2 72.2



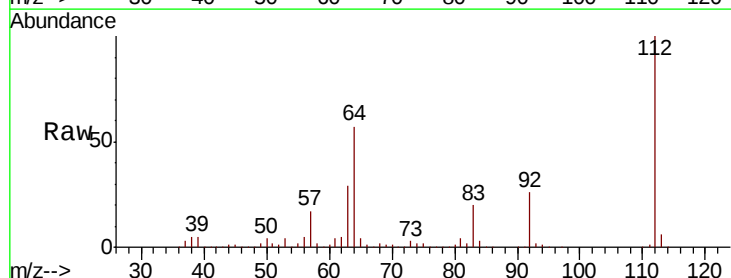
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



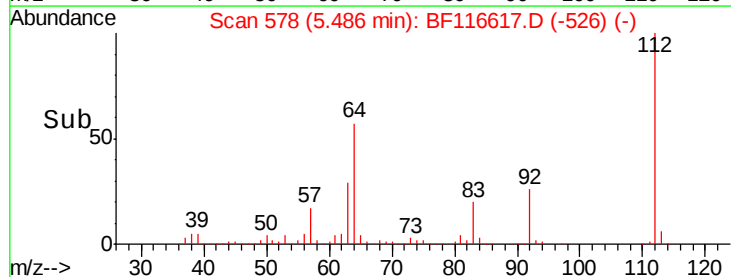
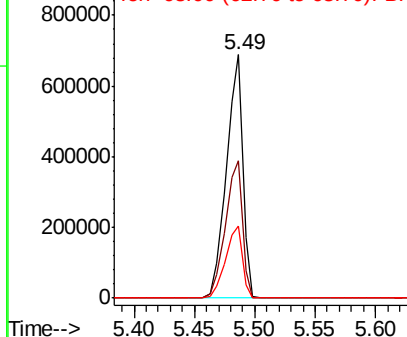
#5

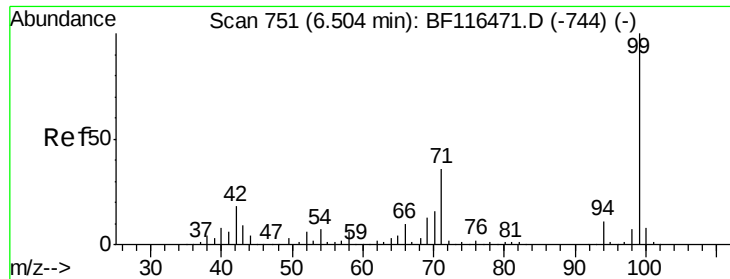
2-Fluorophenol
Concen: 128.344 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF116617.D
Acq: 28 Aug 2019 16:17

Tgt Ion:112 Resp: 648418
Ion Ratio Lower Upper
112 100
64 56.7 48.0 72.0
63 29.5 24.6 36.8



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: 117.071 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116617.D

Acq: 28 Aug 2019 16:17

Instrument :

BNA_F

ClientSampled :

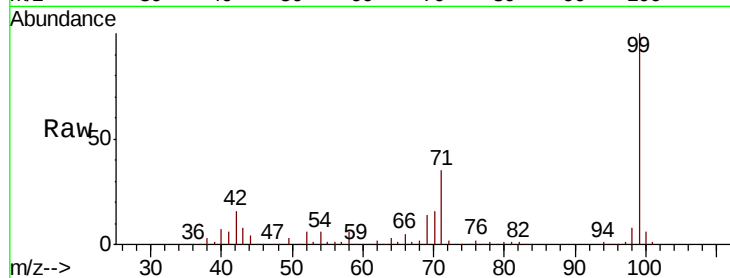
Tot Ion: 99 Resp: 801879

Ion Ratio Lower Upper

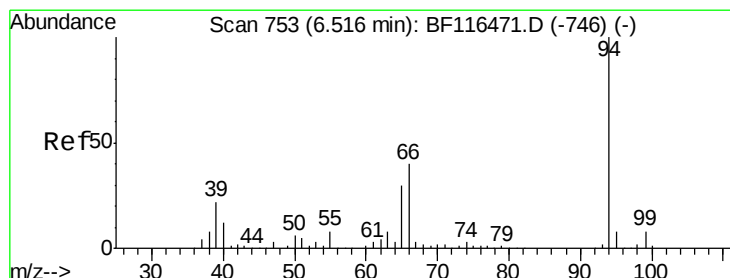
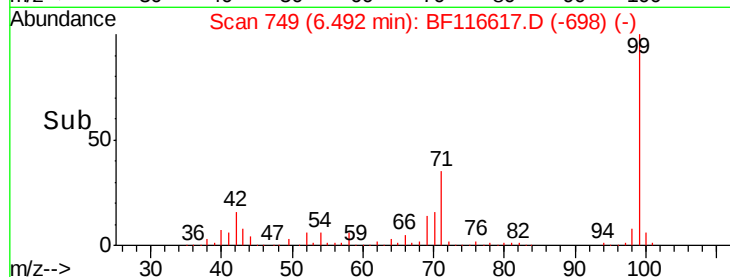
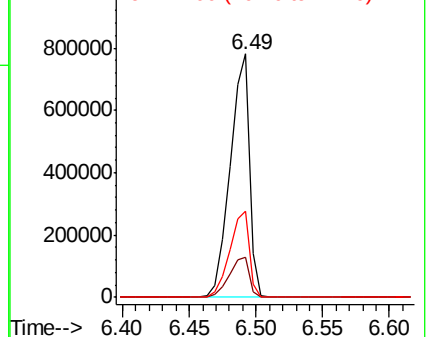
99 100

42 16.3 13.2 19.8

71 35.3 27.4 41.2



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: 5.437 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF116617.D

Acq: 28 Aug 2019 16:17

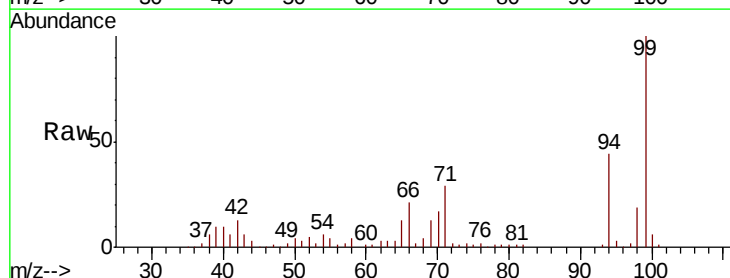
Tgt Ion: 94 Resp: 40848

Ion Ratio Lower Upper

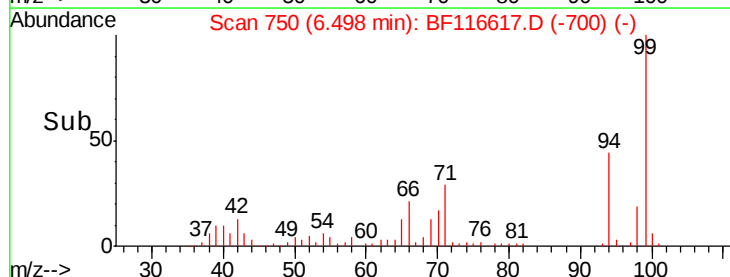
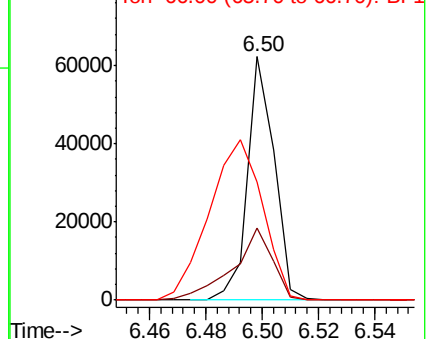
94 100

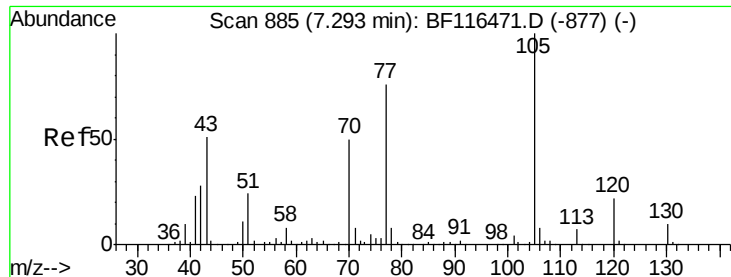
65 29.7 8.6 48.6

66 48.5 18.0 58.0



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

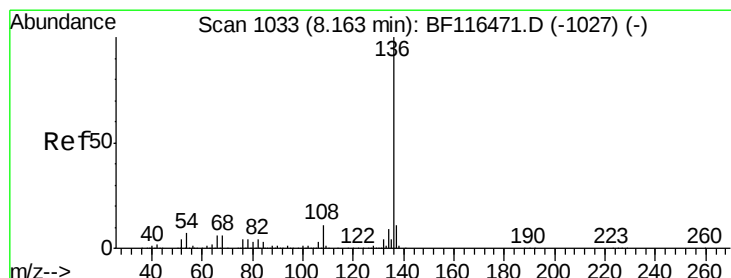
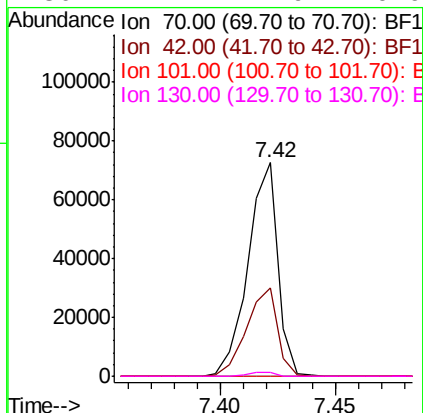
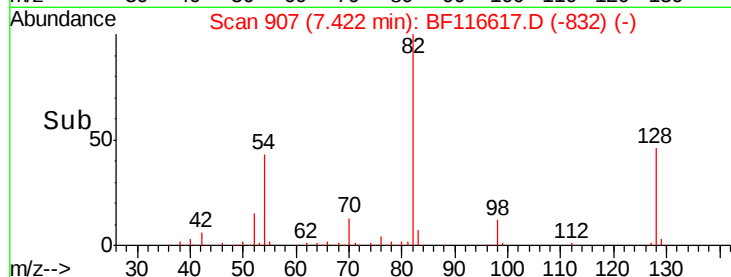
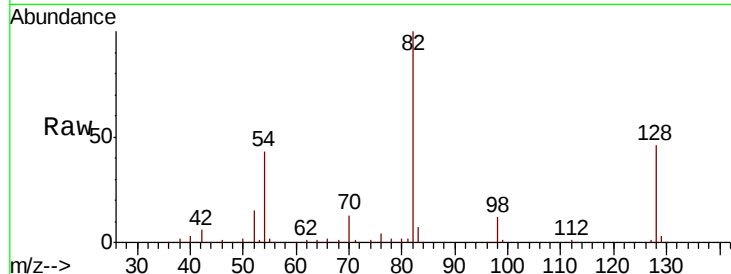




#19
n-Nitroso-di-n-propylamine
Concen: 15.087 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF116617.D
Acq: 28 Aug 2019 16:17

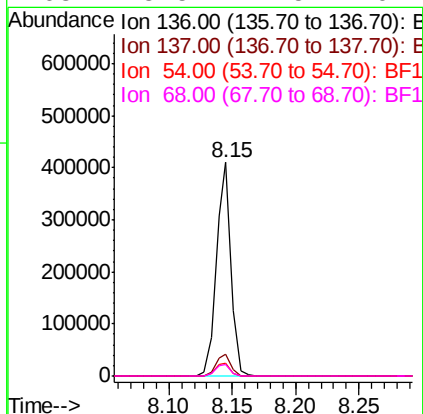
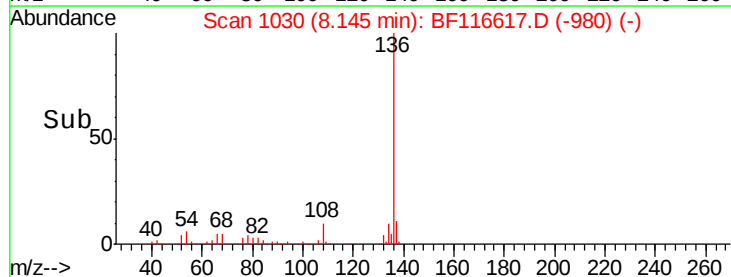
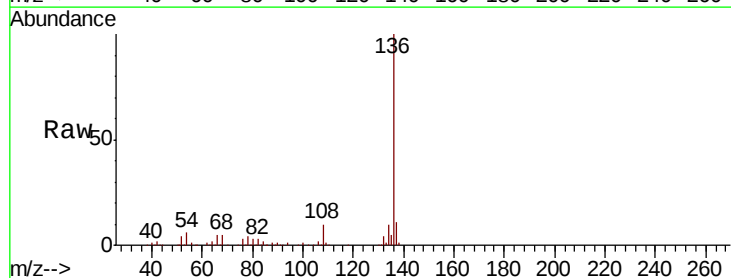
Instrument :
BNA_F
ClientSampleId :

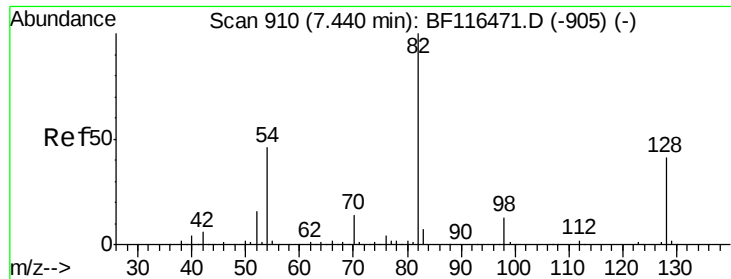
Tot Ion: 70 Resp: 65716
Ion Ratio Lower Upper
70 100
42 41.2 41.2 61.8
101 0.0 7.7 11.5#
130 2.1 17.9 26.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116617.D
Acq: 28 Aug 2019 16:17

Tgt Ion: 136 Resp: 332583
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 5.8 5.0 7.4
68 5.5 4.5 6.7

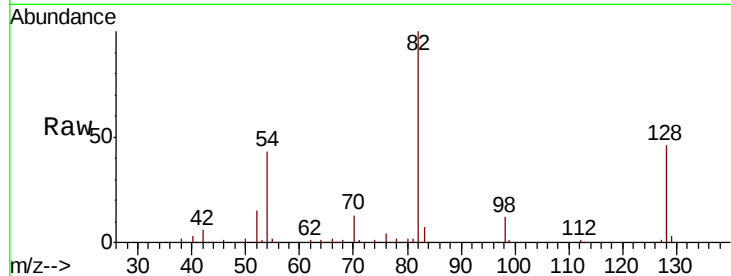




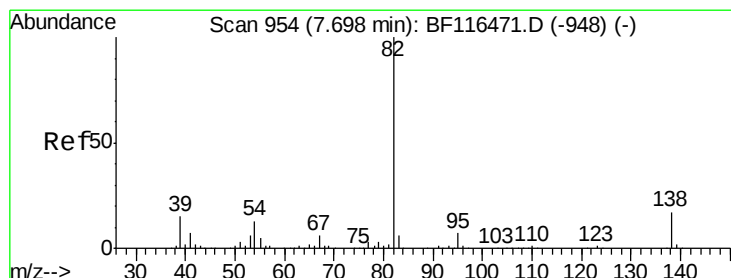
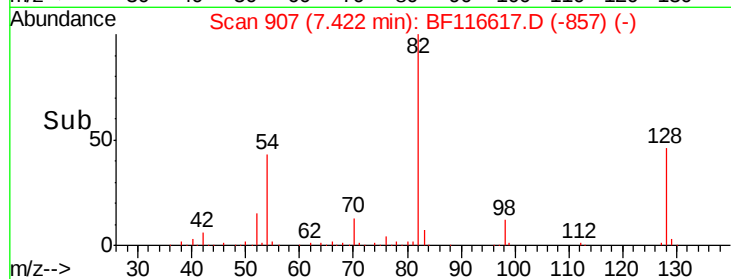
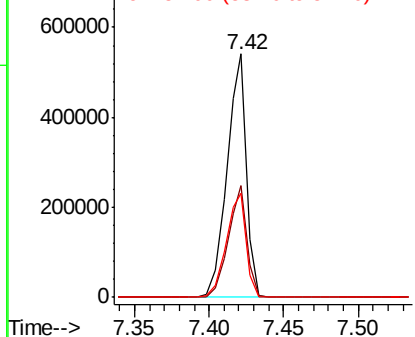
#23
 Nitrobenzene-d5
 Concen: 85.383 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116617.D
 Acq: 28 Aug 2019 16:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.0	52.6
54	42.6	34.4	51.6

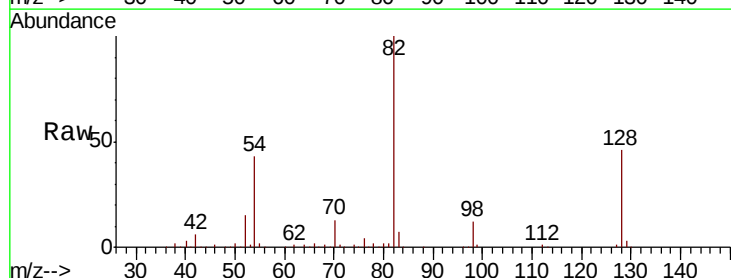


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

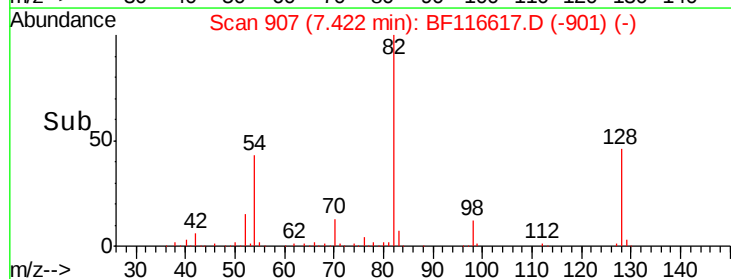
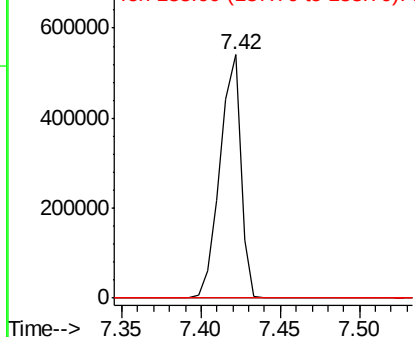


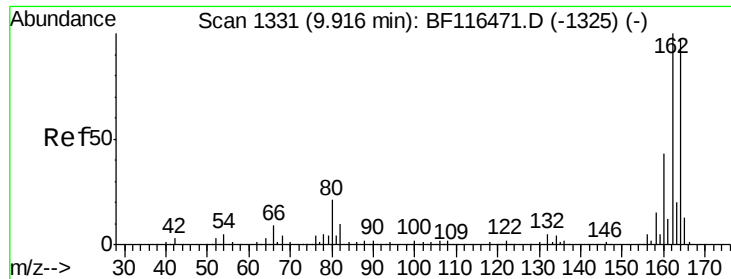
#25
 Isophorone
 Concen: 46.901 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.26 min
 Lab File: BF116617.D
 Acq: 28 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.4	21.6#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF116617.D

Acq: 28 Aug 2019 16:17

Instrument :

BNA_F

ClientSampleId :

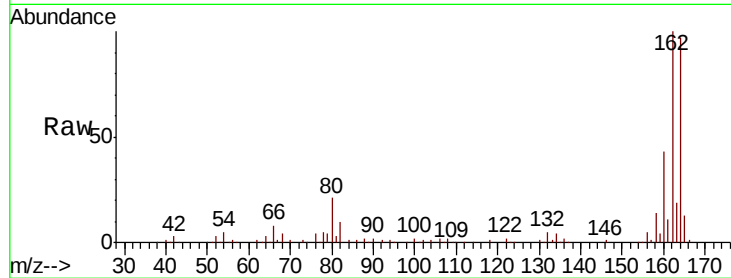
Tot Ion:164 Resp: 162923

Ion Ratio Lower Upper

164 100

162 103.3 83.4 125.0

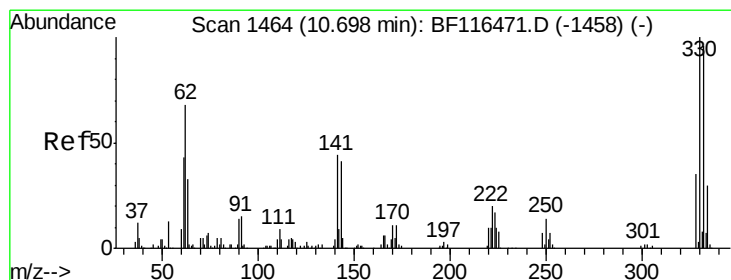
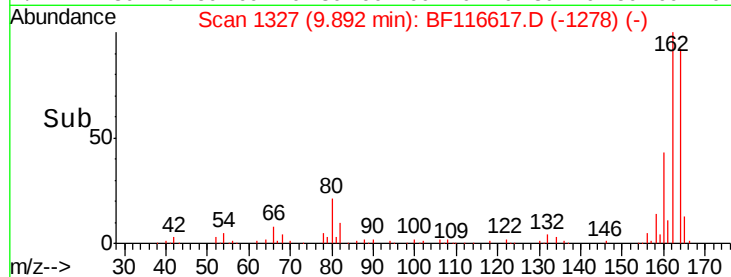
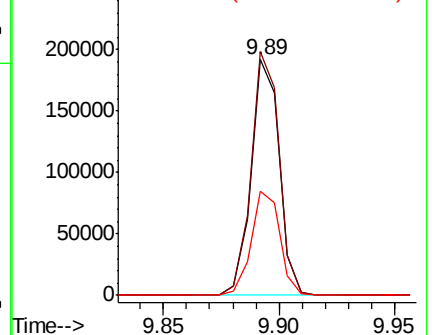
160 44.2 37.0 55.4



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: 93.376 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF116617.D

Acq: 28 Aug 2019 16:17

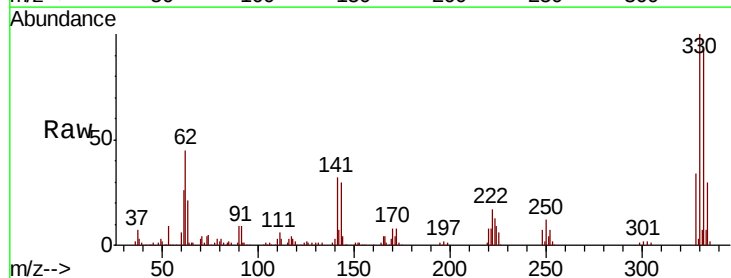
Tgt Ion:330 Resp: 144770

Ion Ratio Lower Upper

330 100

332 95.1 77.5 116.3

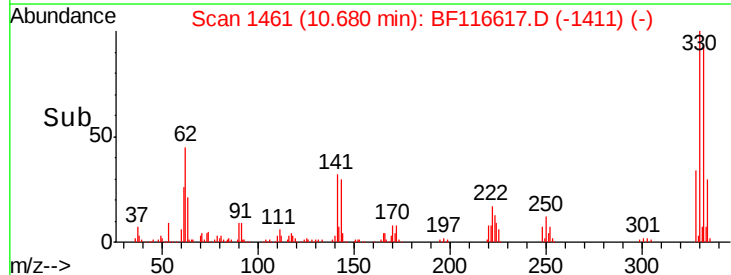
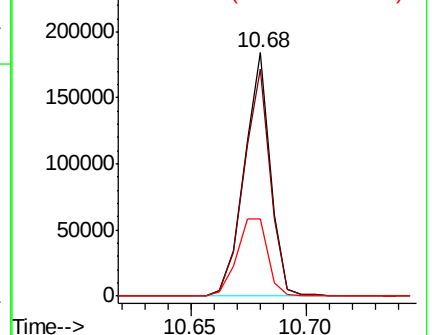
141 37.8 28.2 42.2

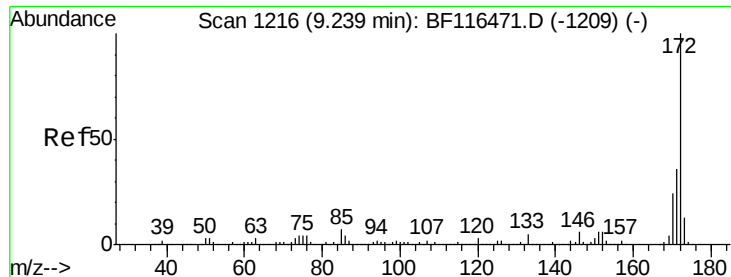


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

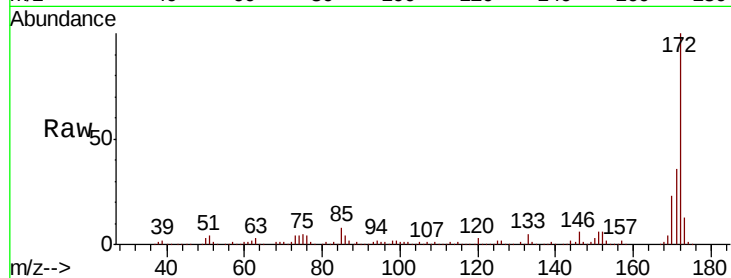




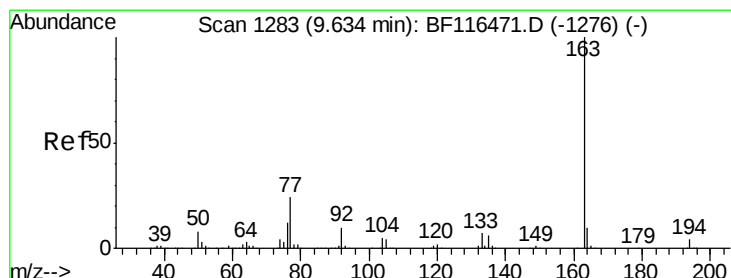
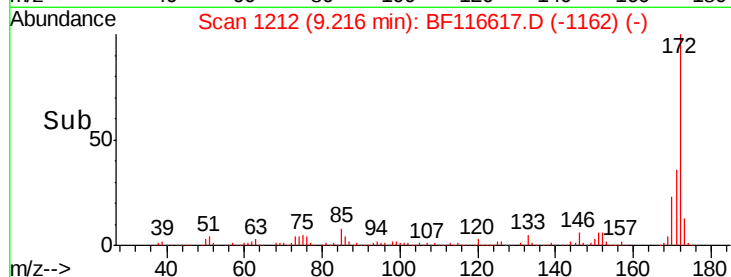
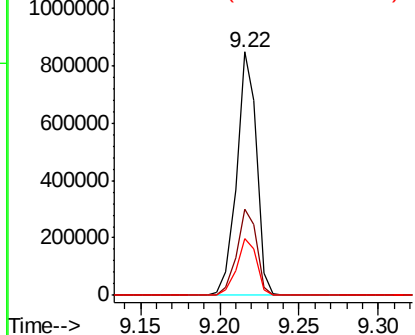
#45
2-Fluorobiphenyl
Concen: 74.949 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF116617.D
Acq: 28 Aug 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.5	19.3	28.9

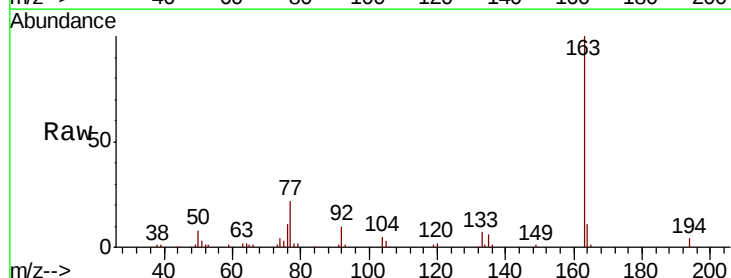


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

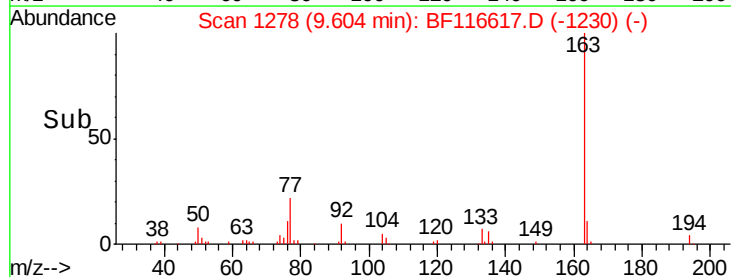
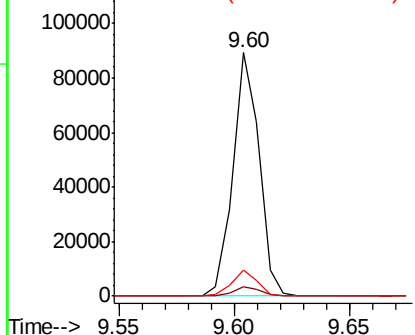


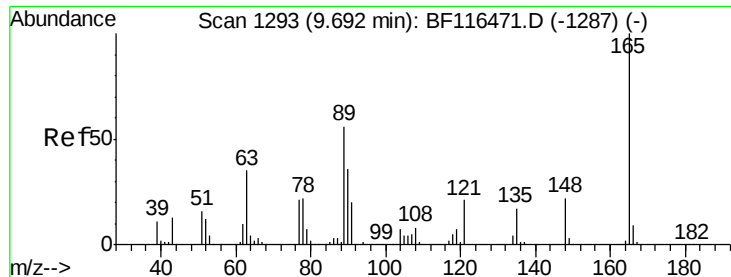
#50
Dimethylphthalate
Concen: 6.416 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF116617.D
Acq: 28 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.7	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

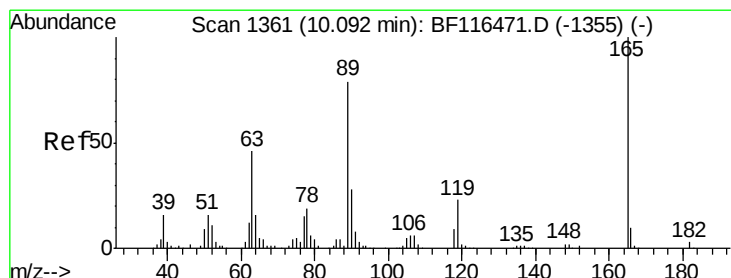
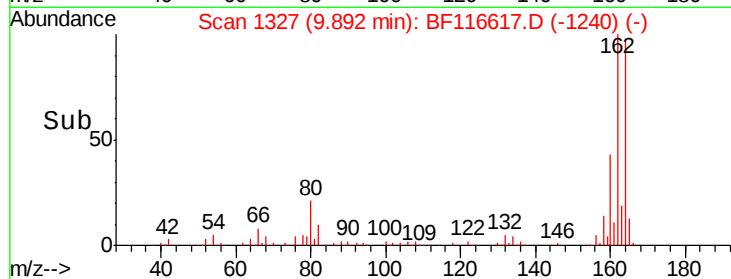
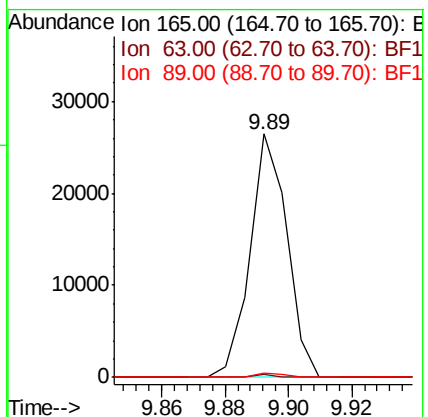
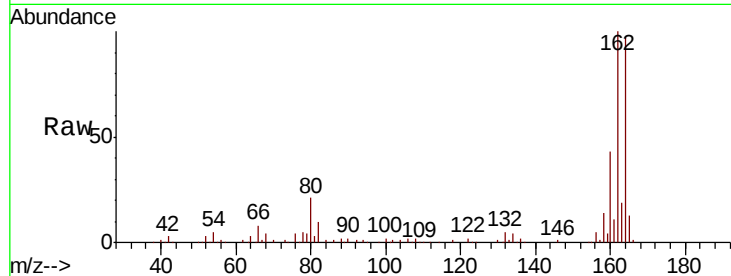




#51
 2,6-Dinitrotoluene
 Concen: 8.840 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF116617.D
 Acq: 28 Aug 2019 16:17

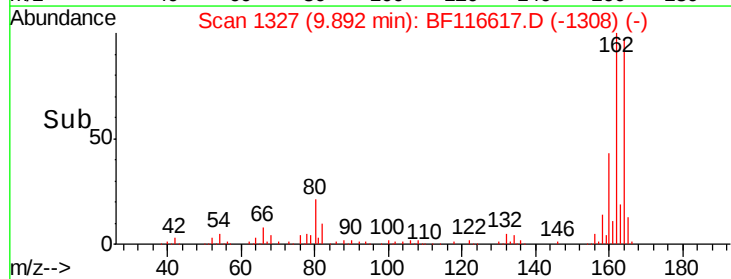
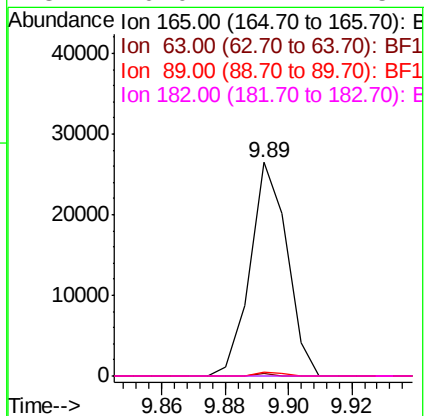
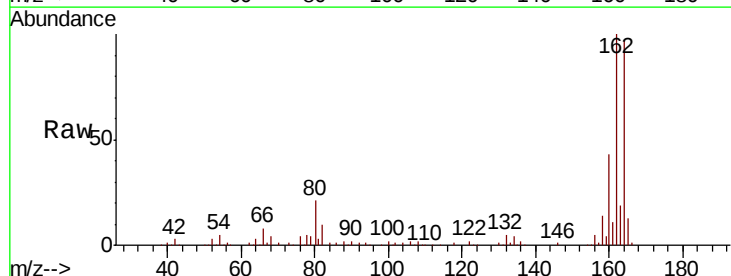
Instrument :
 BNA_F
 ClientSampleId :

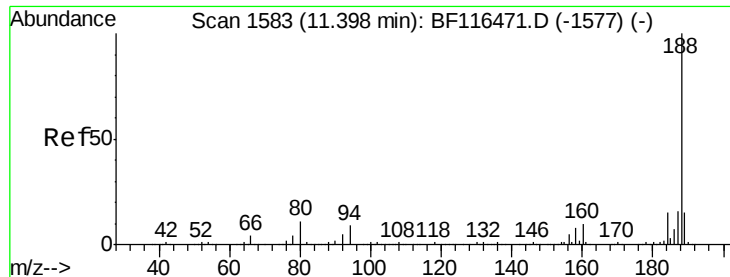
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.2	55.8#
89	1.6	40.8	61.2#



#57
 2,4-Dinitrotoluene
 Concen: 6.699 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF116617.D
 Acq: 28 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	30.9	46.3#
89	1.6	55.0	82.6#
182	0.0	2.2	3.2#

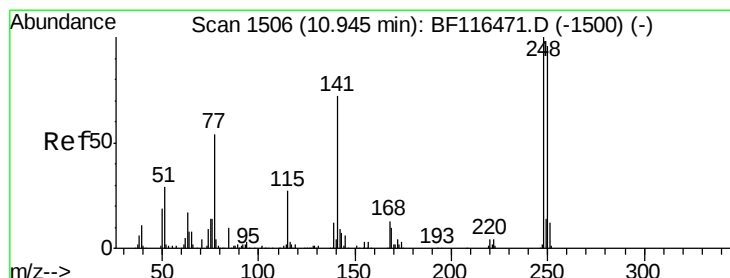
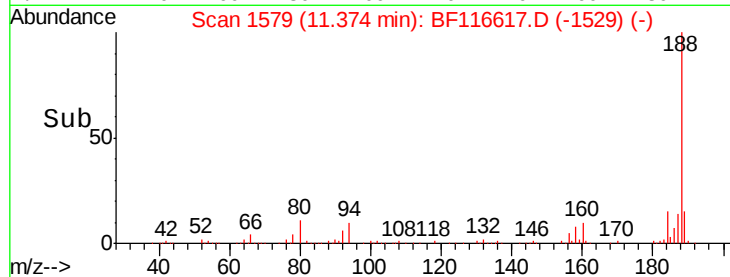
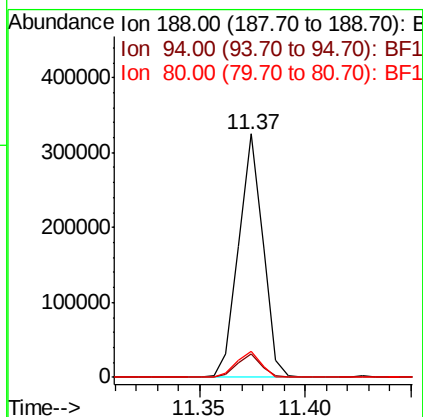
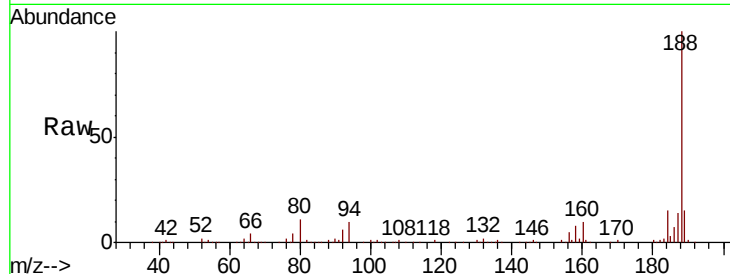




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF116617.D
 Acq: 28 Aug 2019 16:17

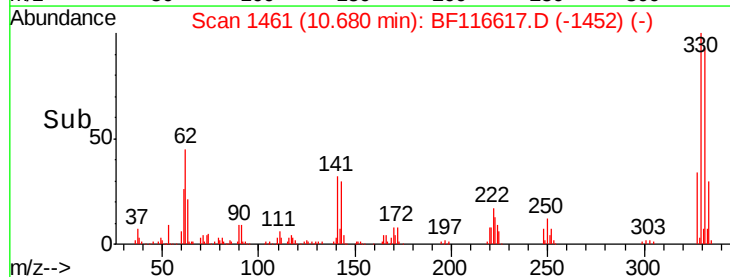
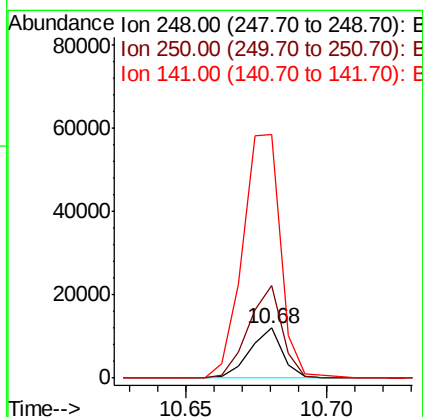
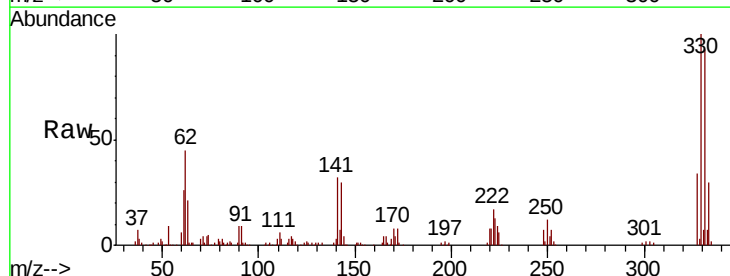
Instrument :
 BNA_F
 ClientSampleId :

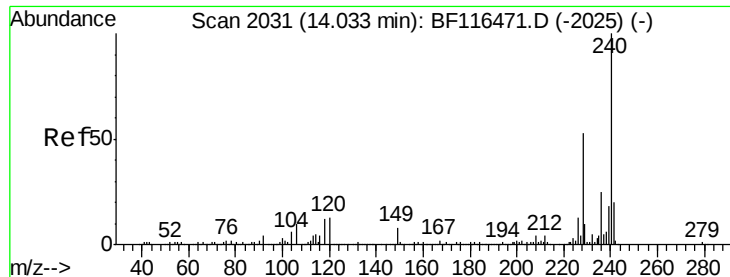
Tot Ion:188 Resp: 258171
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.2 12.4
 80 10.7 8.9 13.3



#67
 4-Bromophenyl-phenylether
 Concen: 3.540 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF116617.D
 Acq: 28 Aug 2019 16:17

Tgt Ion:248 Resp: 9694
 Ion Ratio Lower Upper
 248 100
 250 184.9 76.6 115.0#
 141 487.1 60.8 91.2#

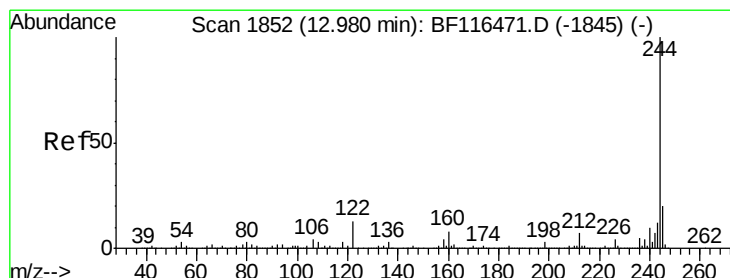
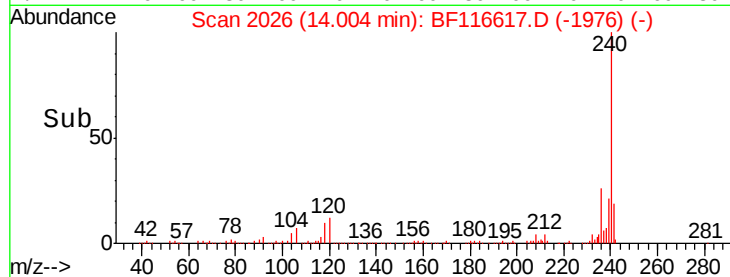
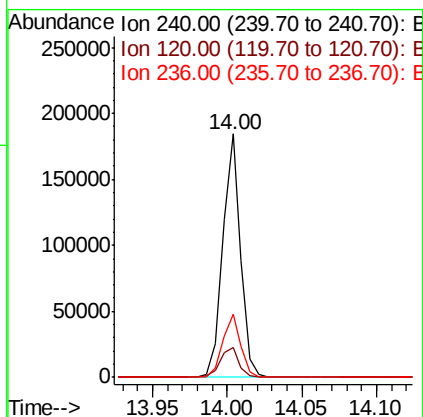
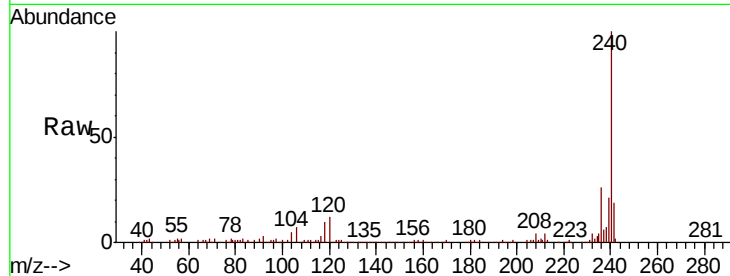




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116617.D
Acq: 28 Aug 2019 16:17

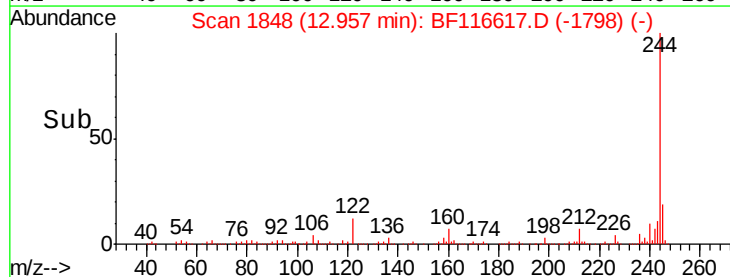
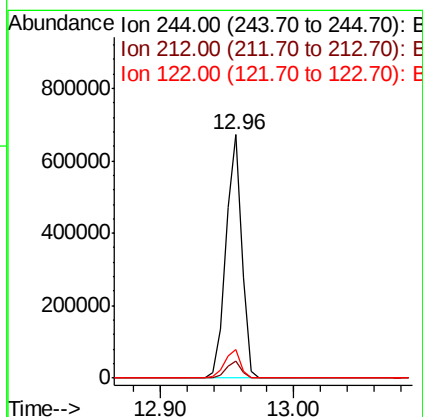
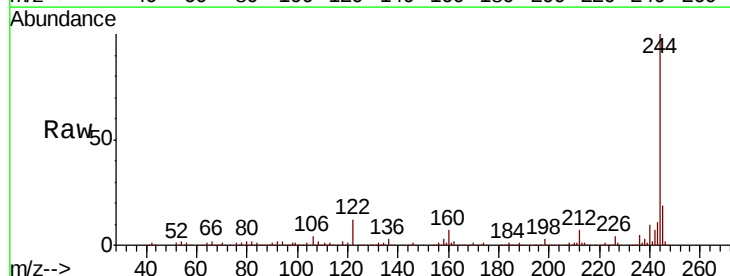
Instrument :
BNA_F
ClientSampleId :

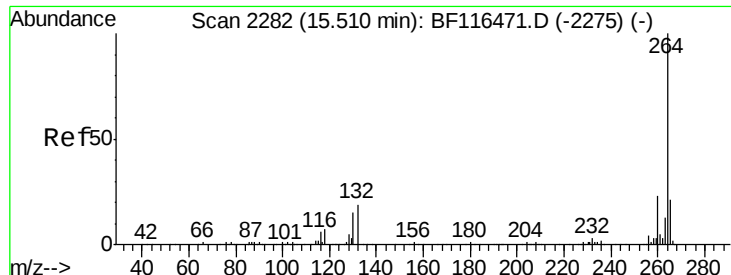
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	11.3	16.9
236	26.2	21.4	32.2



#79
Terphenyl-d14
Concen: 59.134 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF116617.D
Acq: 28 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	11.6	10.0	15.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116617.D
Acq: 28 Aug 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	20.0	30.0
265	21.2	17.6	26.4

