

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116933.D
 Acq On : 10 Sep 2019 20:41
 Operator : HP/JU
 Sample : K4789-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 01:02:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

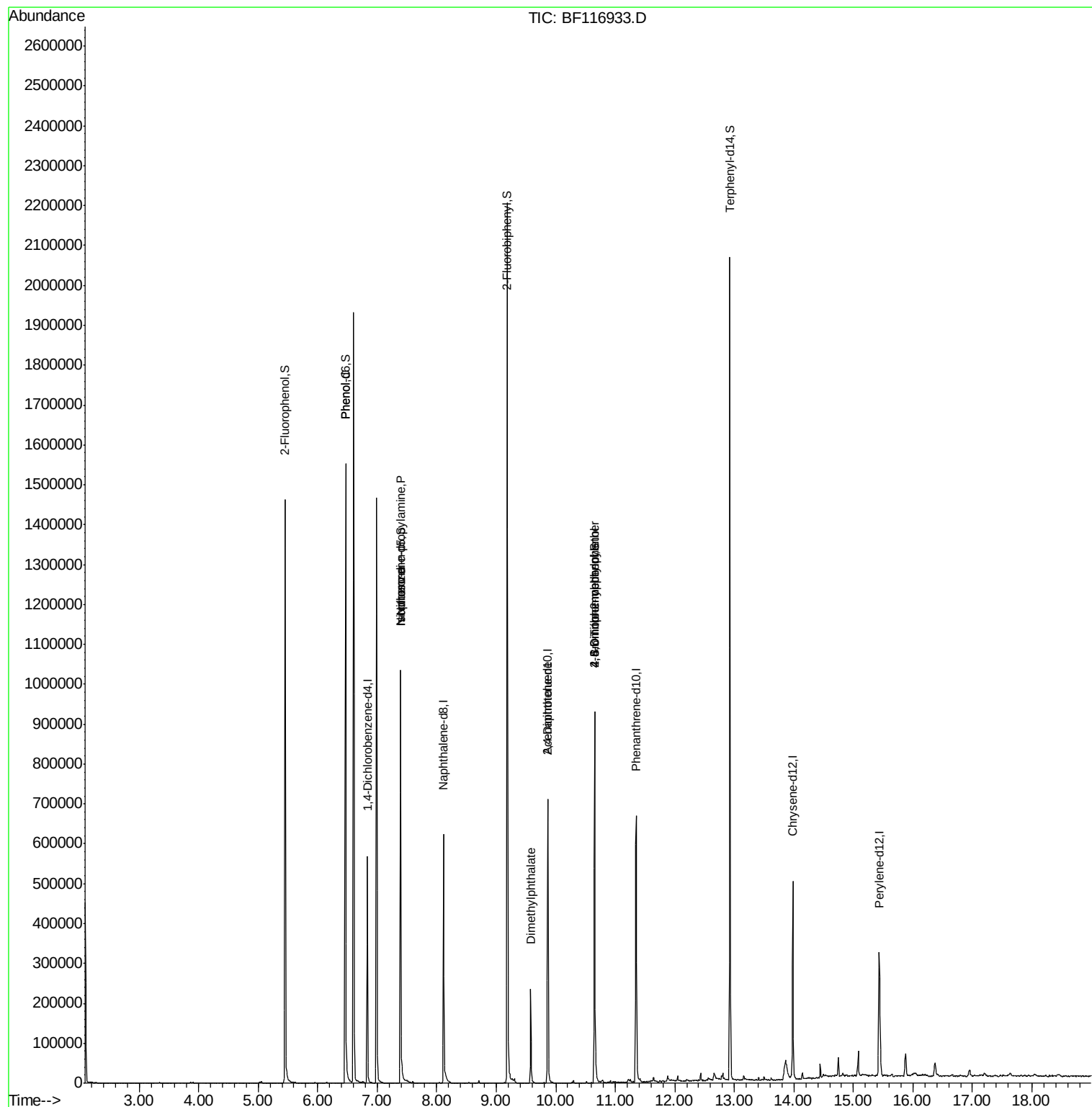
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	79688	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	324213	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	165016	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	275418	20.00	ng	0.00
76) Chrysene-d12	13.98	240	165929	20.00	ng	0.00
87) Perylene-d12	15.43	264	160821	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	455318	92.57	ng	0.00
7) Phenol-d6	6.47	99	622048	96.31	ng	0.00
23) Nitrobenzene-d5	7.39	82	391437	68.92	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	104036	94.31	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	691213	70.66	ng	0.00
79) Terphenyl-d14	12.93	244	653525	72.86	ng	0.00
Target Compounds						
10) Phenol	6.47	94	17573	2.457	ng	83
19) n-Nitroso-di-n-propylamine	7.39	70	50625	11.904	ng	# 72
25) Isophorone	7.39	82	391434	34.014	ng	# 66
50) Dimethylphthalate	9.58	163	107845	9.466	ng	99
57) 2,4-Dinitrotoluene	9.86	165	21389	8.048	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.65	198	137	7.565	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	6691	2.391	ng	# 1

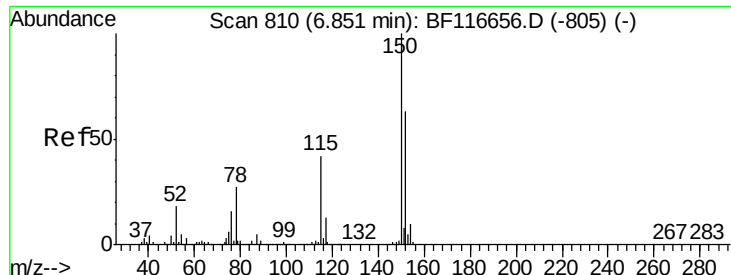
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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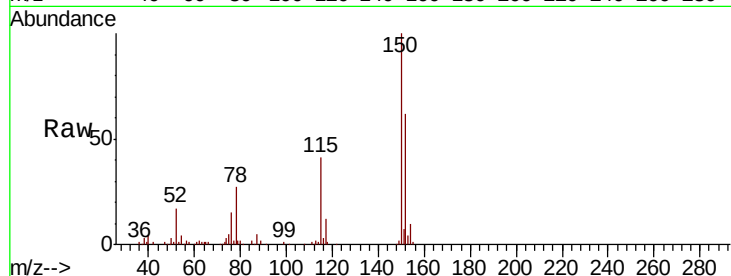


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.4	186.6
115	65.6	49.9	74.9

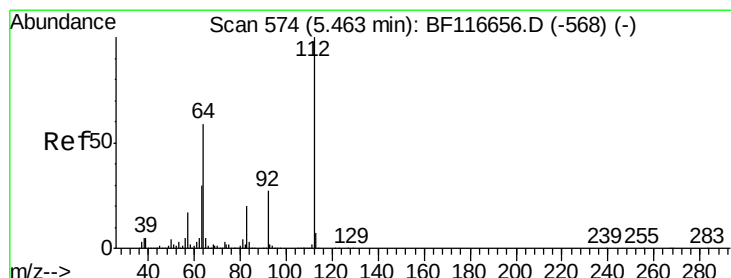
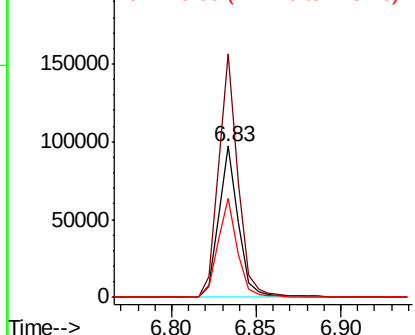
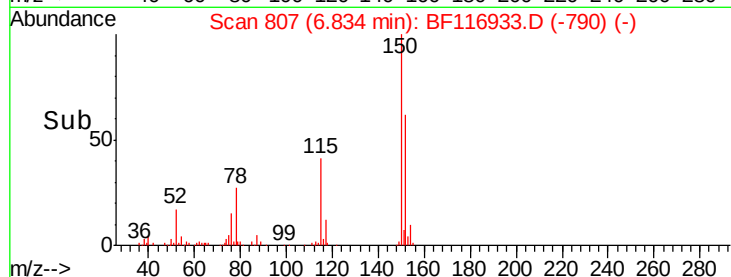


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

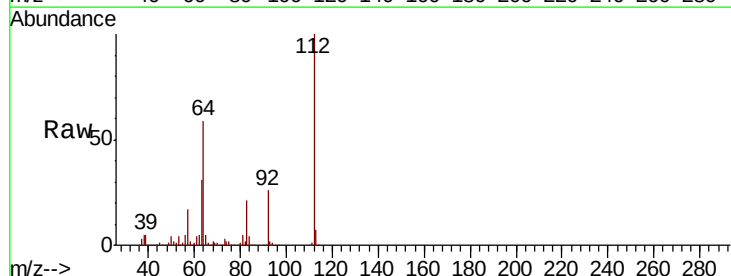
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.566 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.1	70.7
63	31.1	24.9	37.3

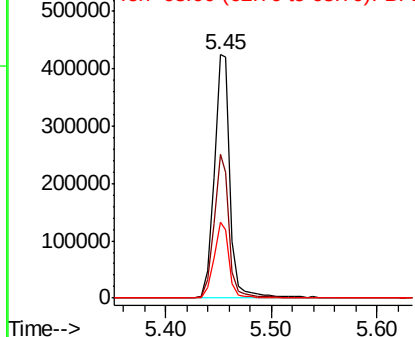
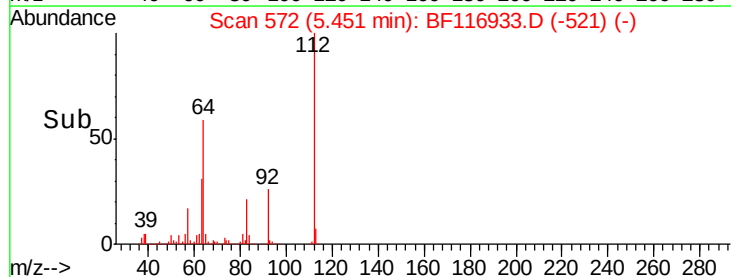


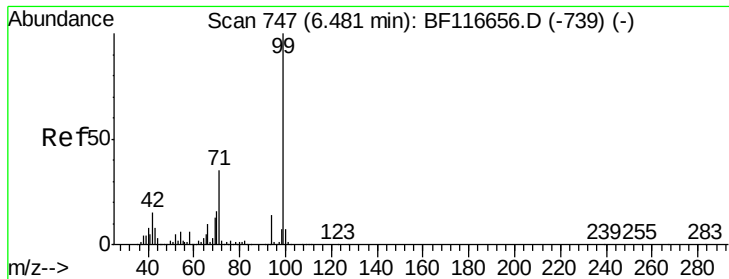
Abundance

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: 96.307 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116933.D

Acq: 10 Sep 2019 20:41

Instrument :

BNA_F

ClientSampleId :

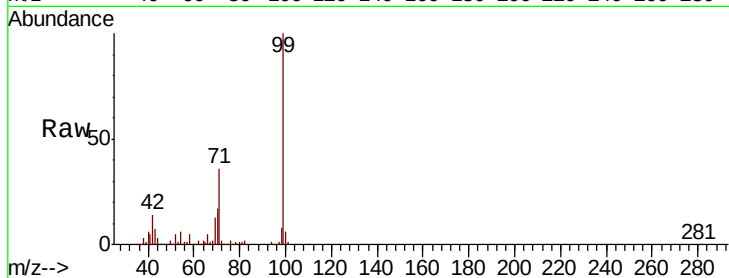
Tot Ion: 99 Resp: 622048

Ion Ratio Lower Upper

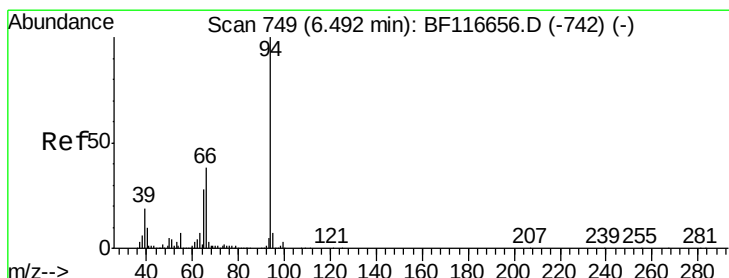
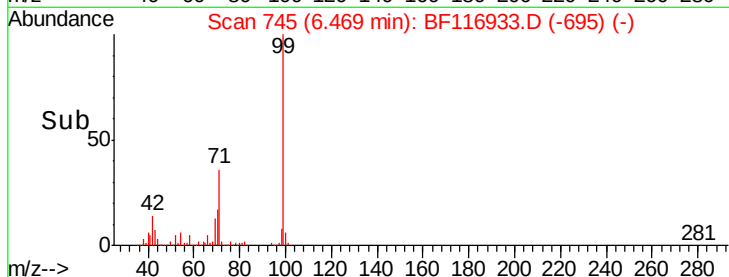
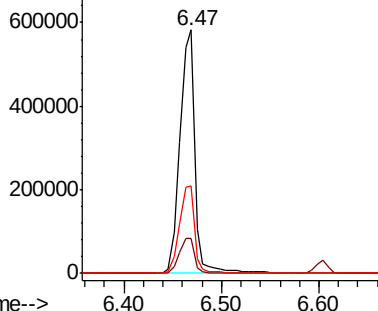
99 100

42 14.4 13.7 20.5

71 36.0 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: 2.457 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116933.D

Acq: 10 Sep 2019 20:41

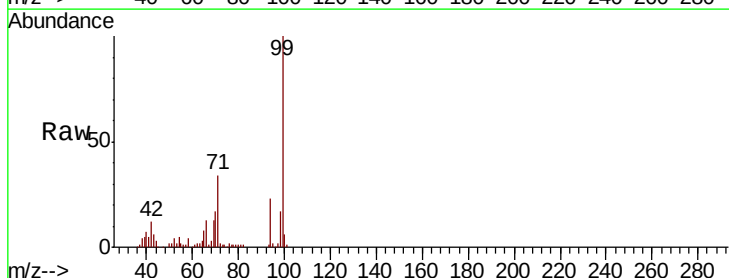
Tgt Ion: 94 Resp: 17573

Ion Ratio Lower Upper

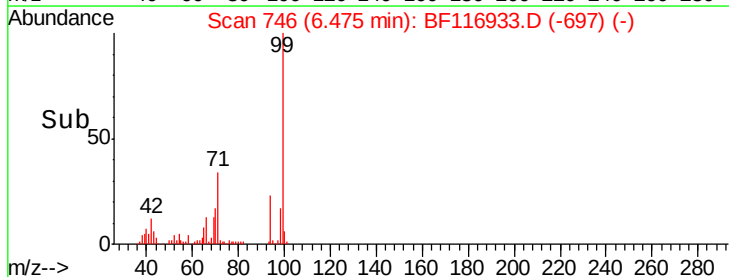
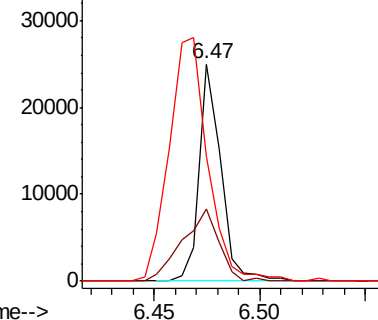
94 100

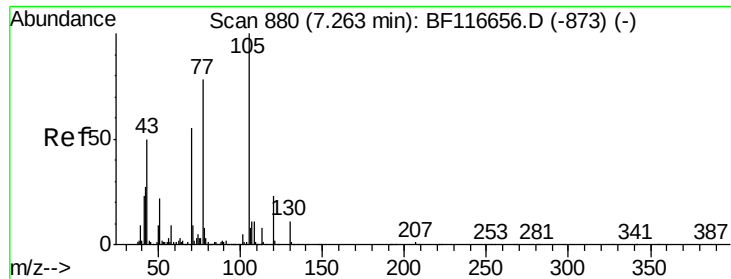
65 33.3 10.8 50.8

66 57.5 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

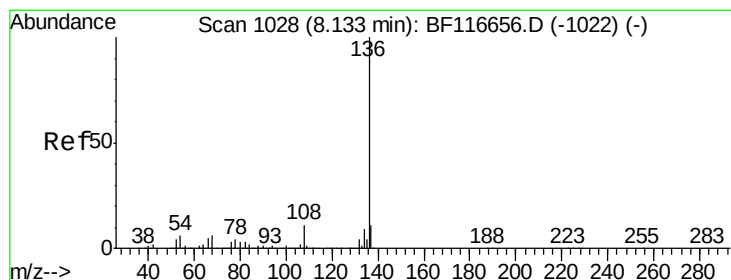
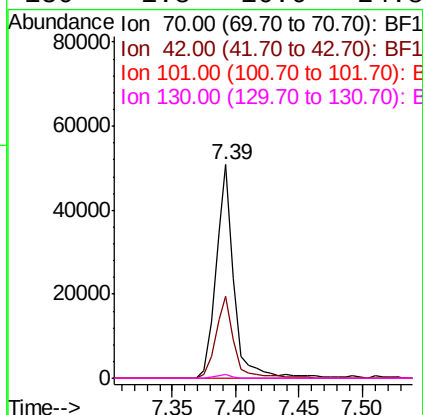
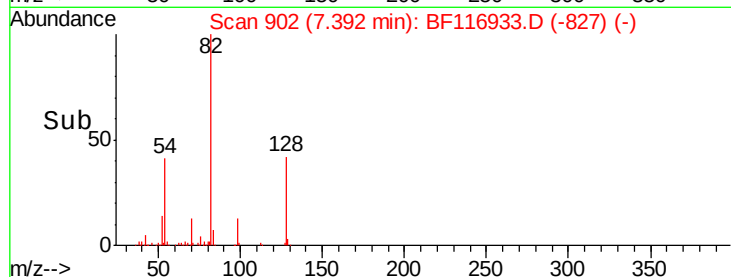
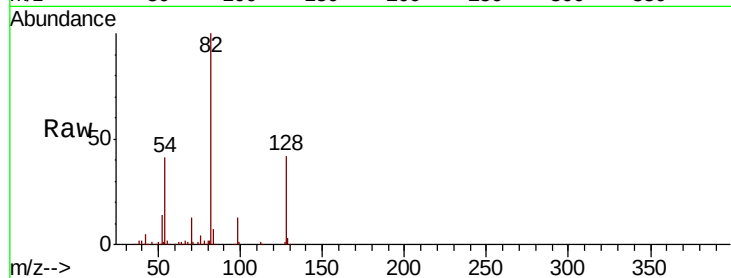




#19
n-Nitroso-di-n-propylamine
Concen: 11.904 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.14 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

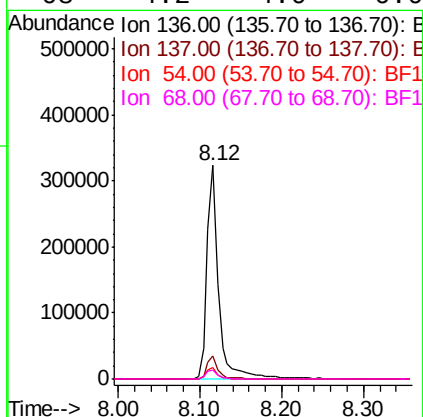
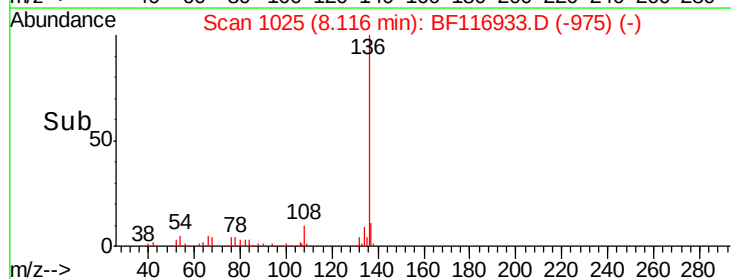
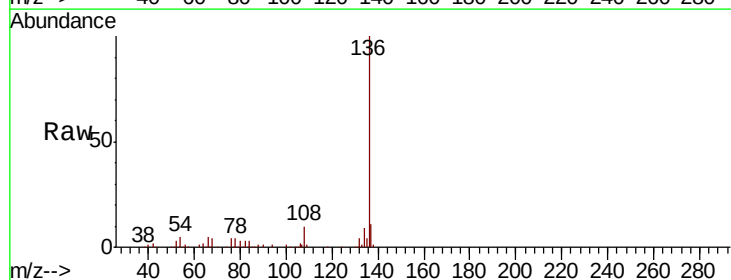
Instrument :
BNA_F
ClientSampleId :

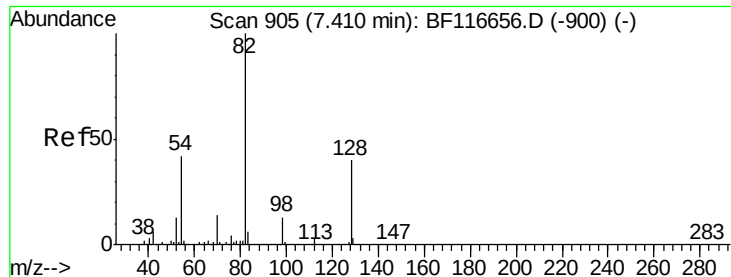
Tot Ion:	70	Resp:	50625
Ion	Ratio	Lower	Upper
70	100		
42	38.1	43.5	65.3#
101	0.0	7.8	11.6#
130	1.8	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Tgt Ion:	136	Resp:	324213
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.4	4.8	7.2
68	4.2	4.0	6.0

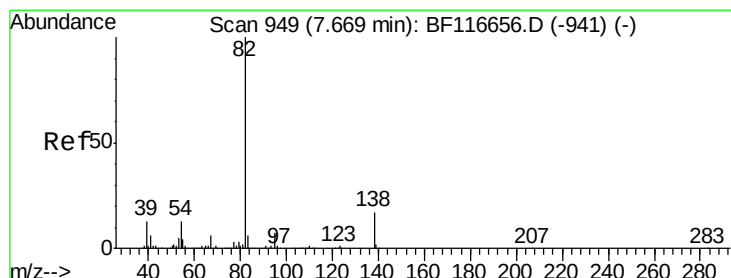
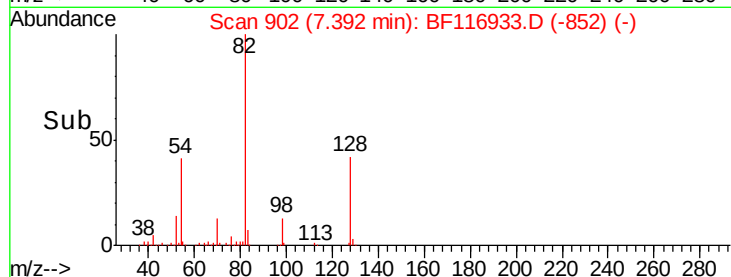
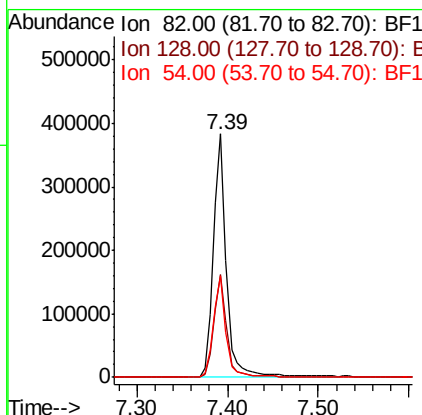
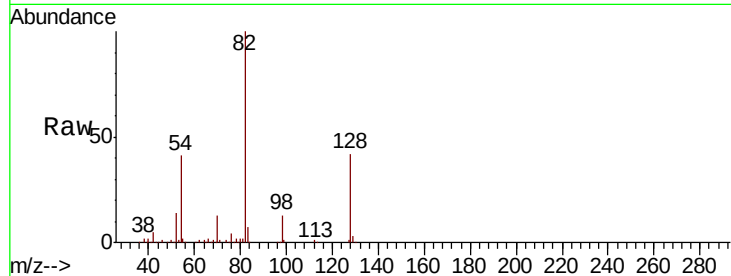




#23
Nitrobenzene-d5
Concen: 68.924 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

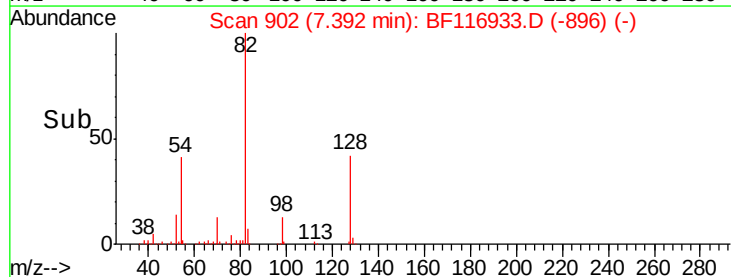
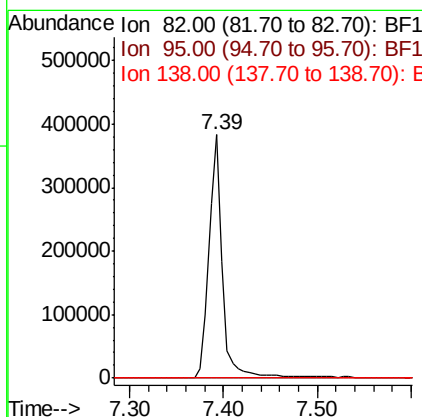
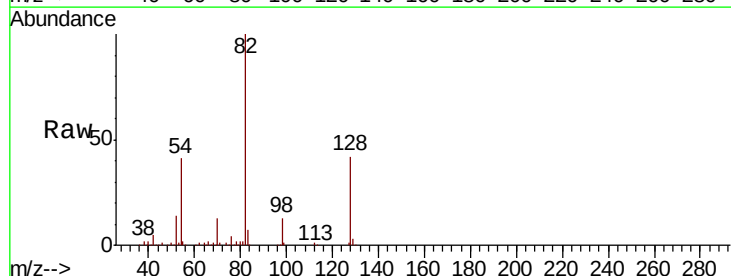
Instrument :
BNA_F
ClientSampleId :

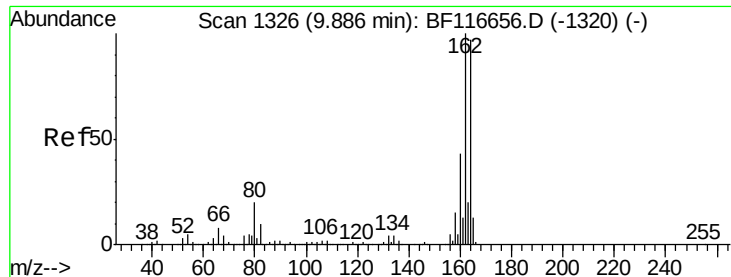
Tot Ion	82	Resp	391437
Ion Ratio	Lower	Upper	
82	100		
128	42.1	32.8	49.2
54	41.5	36.9	55.3



#25
Isophorone
Concen: 34.014 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Tgt Ion	82	Resp	391434
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: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF116933.D

Acq: 10 Sep 2019 20:41

Instrument :

BNA_F

ClientSampleId :

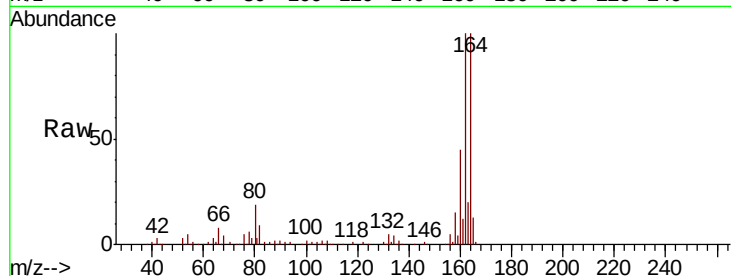
Tot Ion:164 Resp: 165016

Ion Ratio Lower Upper

164 100

162 100.2 81.4 122.0

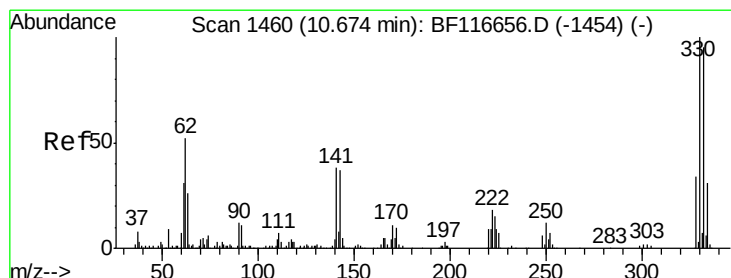
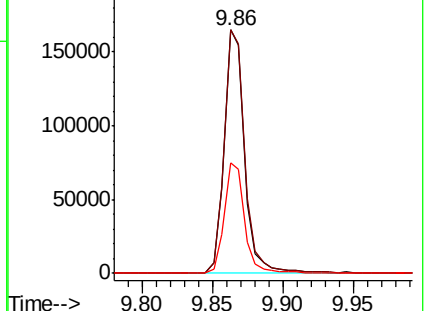
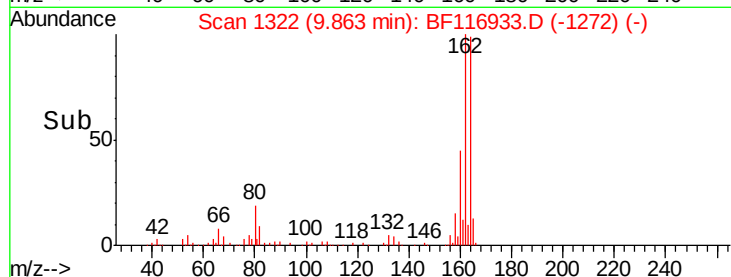
160 45.6 35.4 53.2



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: 94.307 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF116933.D

Acq: 10 Sep 2019 20:41

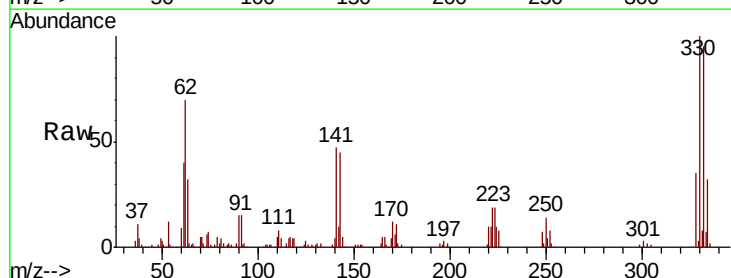
Tgt Ion:330 Resp: 104036

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

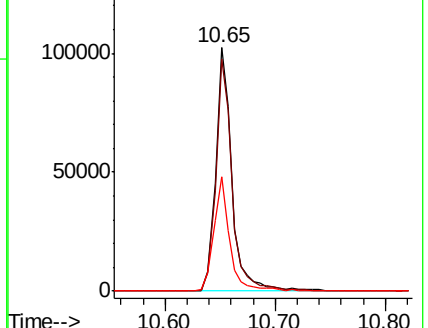
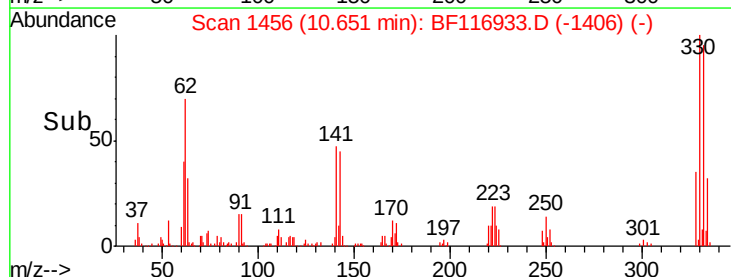
141 45.7 31.4 47.2

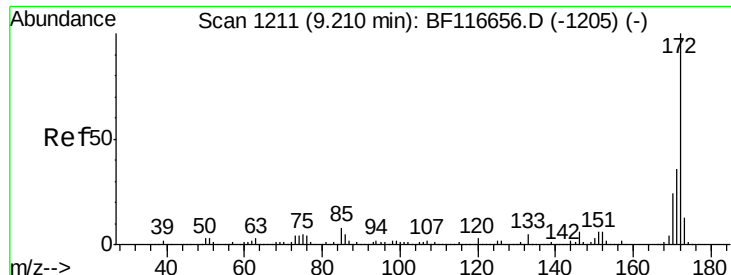


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

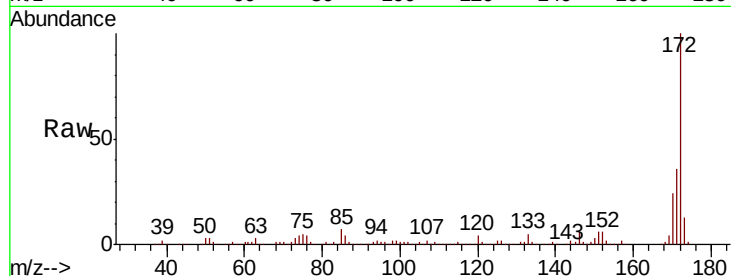




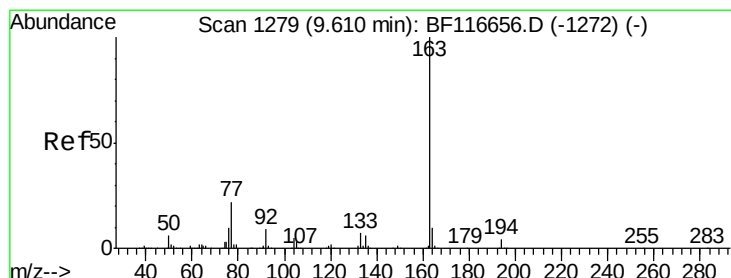
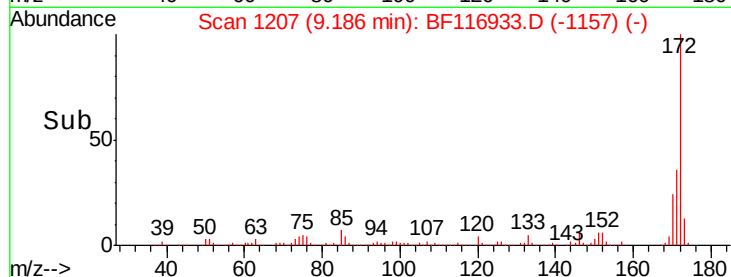
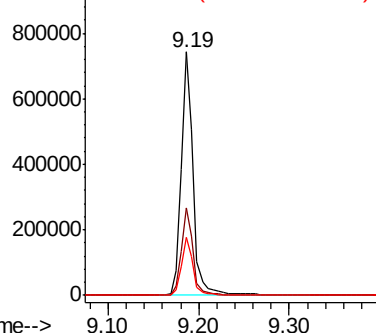
#45
2-Fluorobiphenyl
Concen: 70.660 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 691213
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.6
170 23.6 18.9 28.3

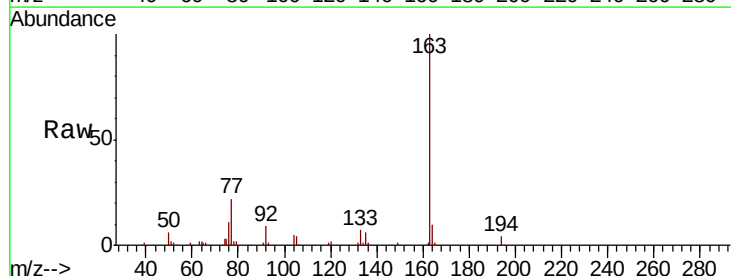


Abundance Ion 172.00 (171.70 to 172.70): E
1000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

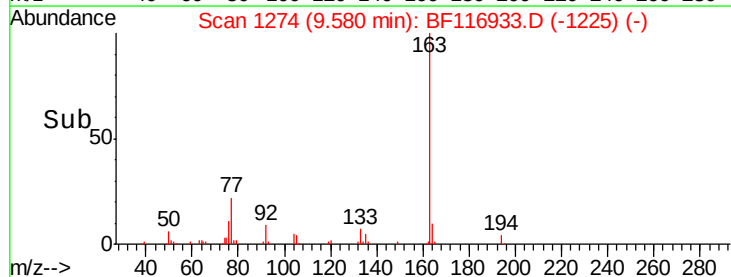
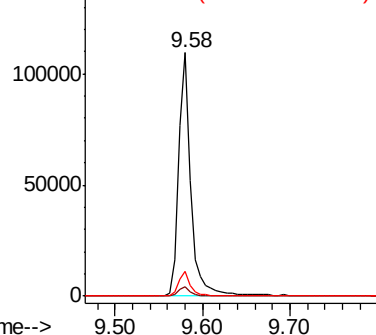


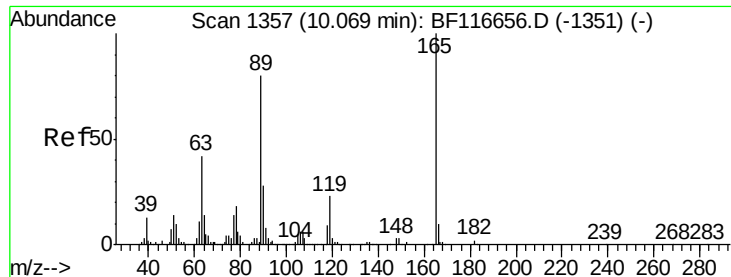
#50
Dimethylphthalate
Concen: 9.466 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Tgt Ion:163 Resp: 107845
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.2 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#57

2,4-Dinitrotoluene

Concen: 8.048 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.19 min

Lab File: BF116933.D

Acq: 10 Sep 2019 20:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 21389

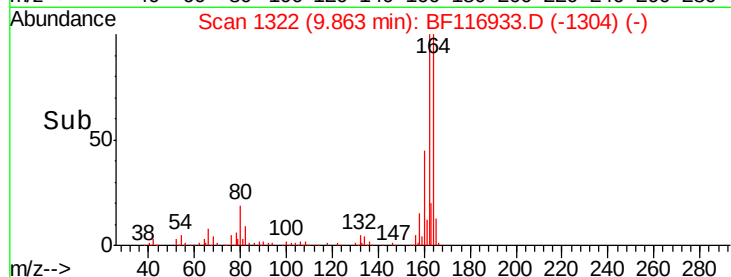
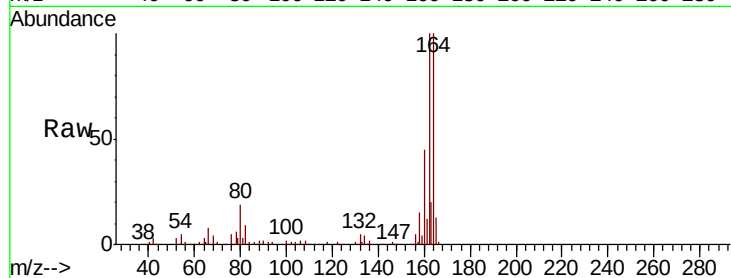
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.6 62.6 94.0#

182 0.0 2.1 3.1#

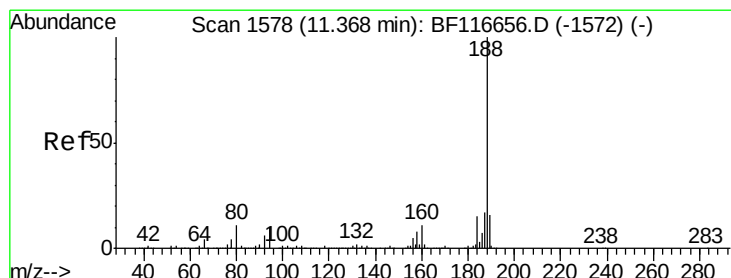
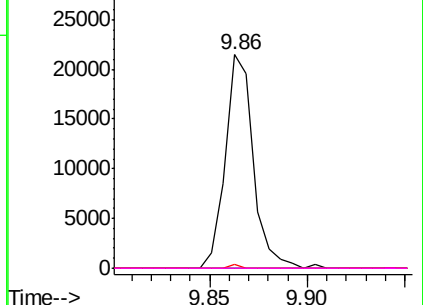


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF116933.D

Acq: 10 Sep 2019 20:41

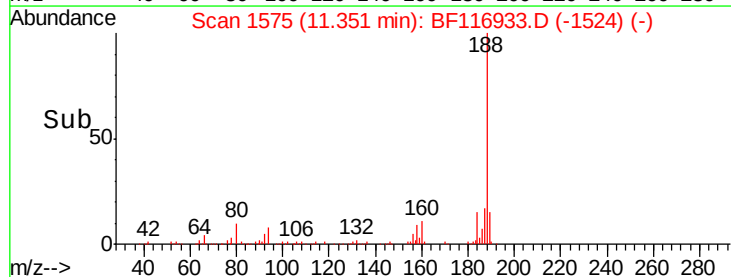
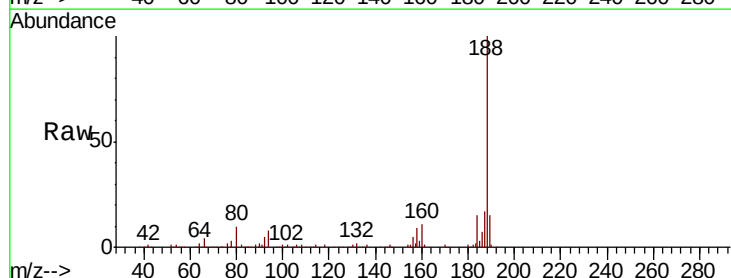
Tgt Ion:188 Resp: 275418

Ion Ratio Lower Upper

188 100

94 8.5 7.3 10.9

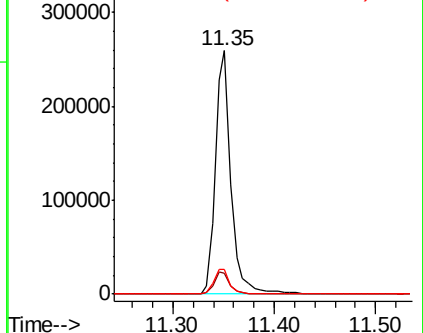
80 9.9 8.4 12.6

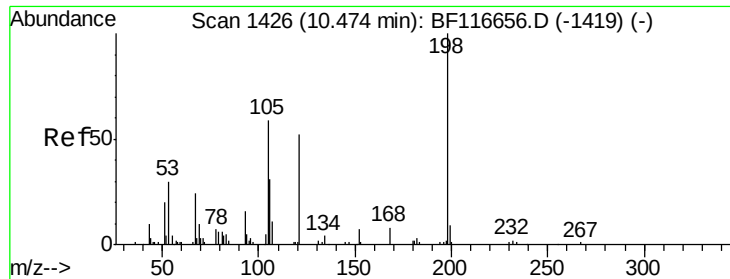


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

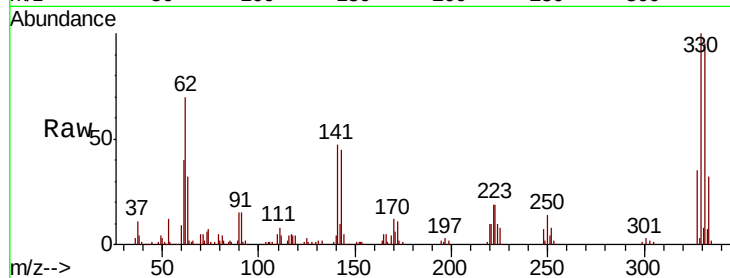




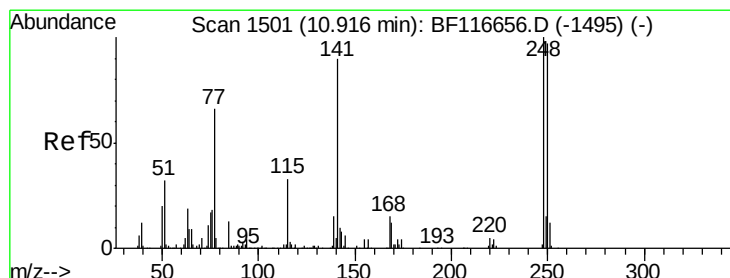
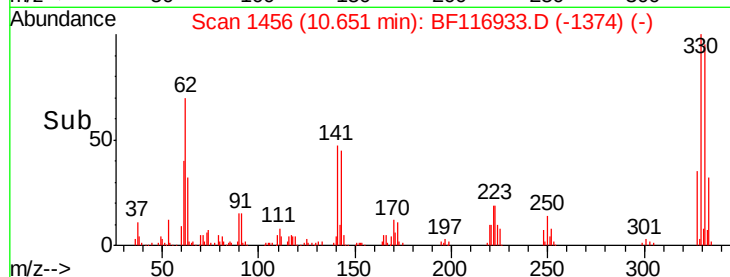
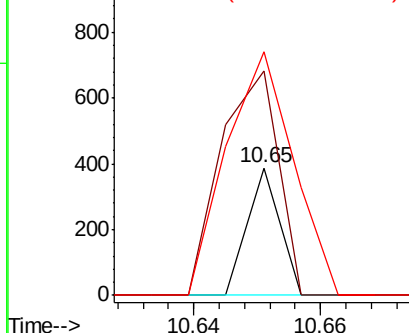
#65
4,6-Dinitro-2-methylphenol
Concen: 7.565 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.18 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 137
Ion Ratio Lower Upper
198 100
51 176.0 18.4 58.4#
105 190.7 22.9 62.9#

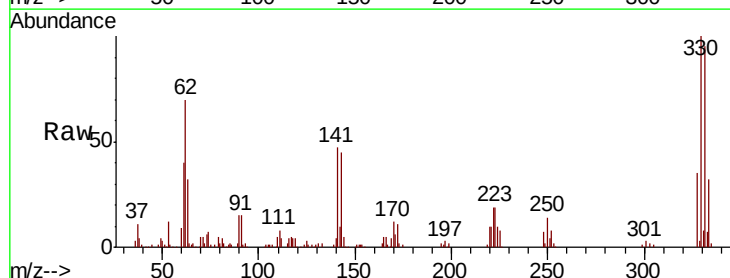


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

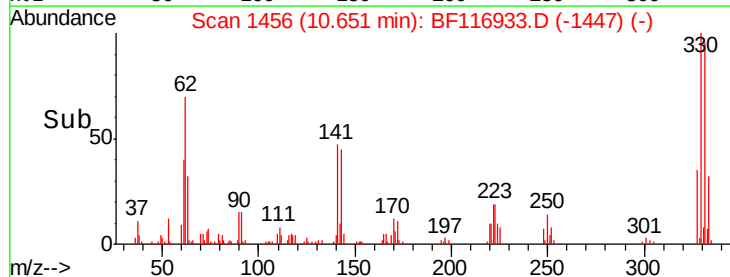
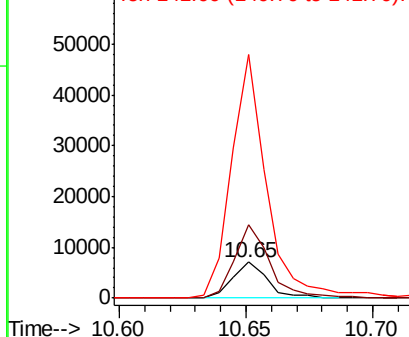


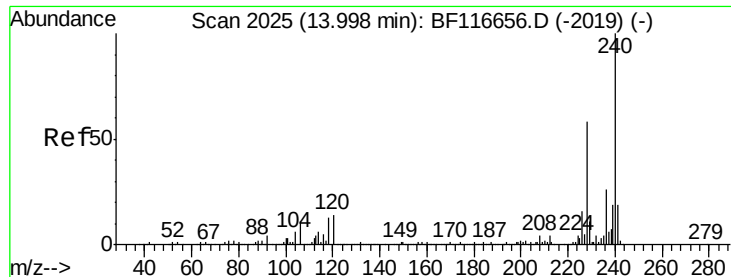
#67
4-Bromophenyl-phenylether
Concen: 2.391 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.25 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Tgt Ion:248 Resp: 6691
Ion Ratio Lower Upper
248 100
250 205.3 77.8 116.8#
141 682.2 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

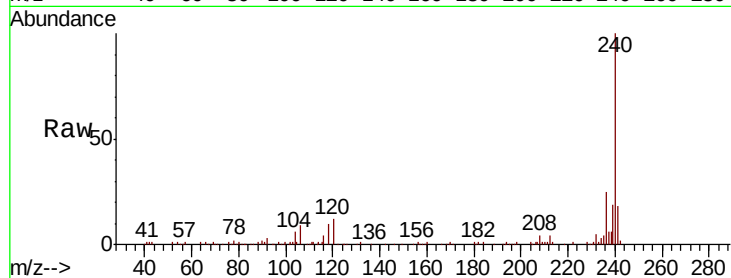




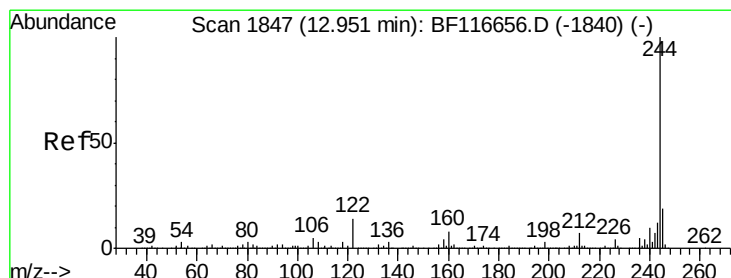
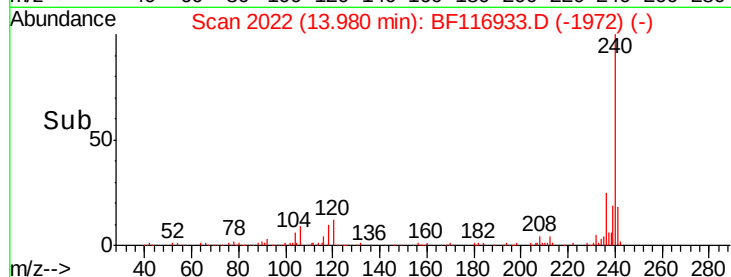
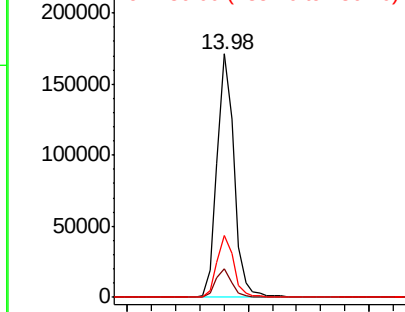
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 165929
Ion Ratio Lower Upper
240 100
120 11.5 9.1 13.7
236 25.3 21.1 31.7

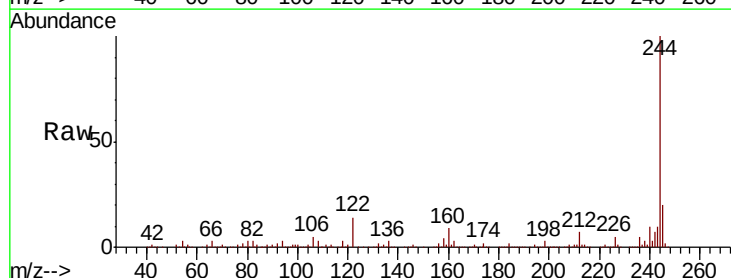


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

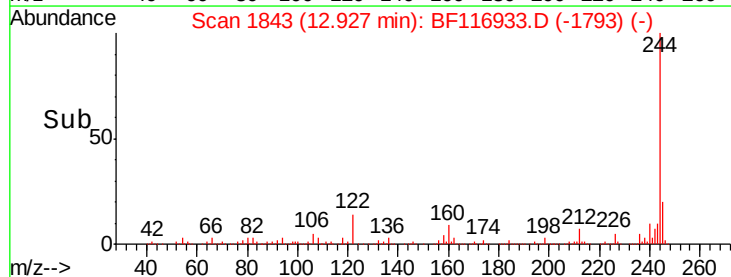
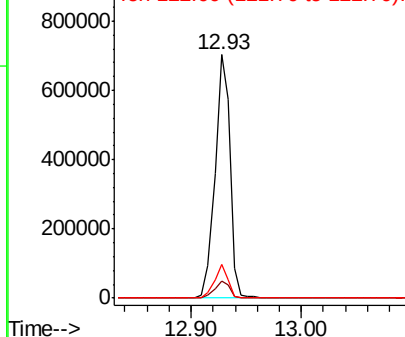


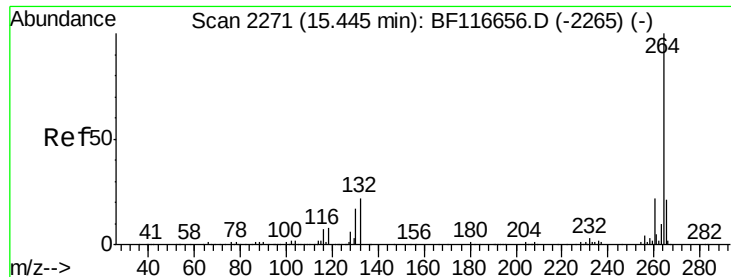
#79
Terphenyl-d14
Concen: 72.861 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Tgt Ion:244 Resp: 653525
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 13.7 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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF116933.D
 Acq: 10 Sep 2019 20:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.3	27.5
265	22.0	16.5	24.7

