

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117038.D
 Acq On : 13 Sep 2019 22:25
 Operator : HP/JU
 Sample : K4822-11RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 00:20:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

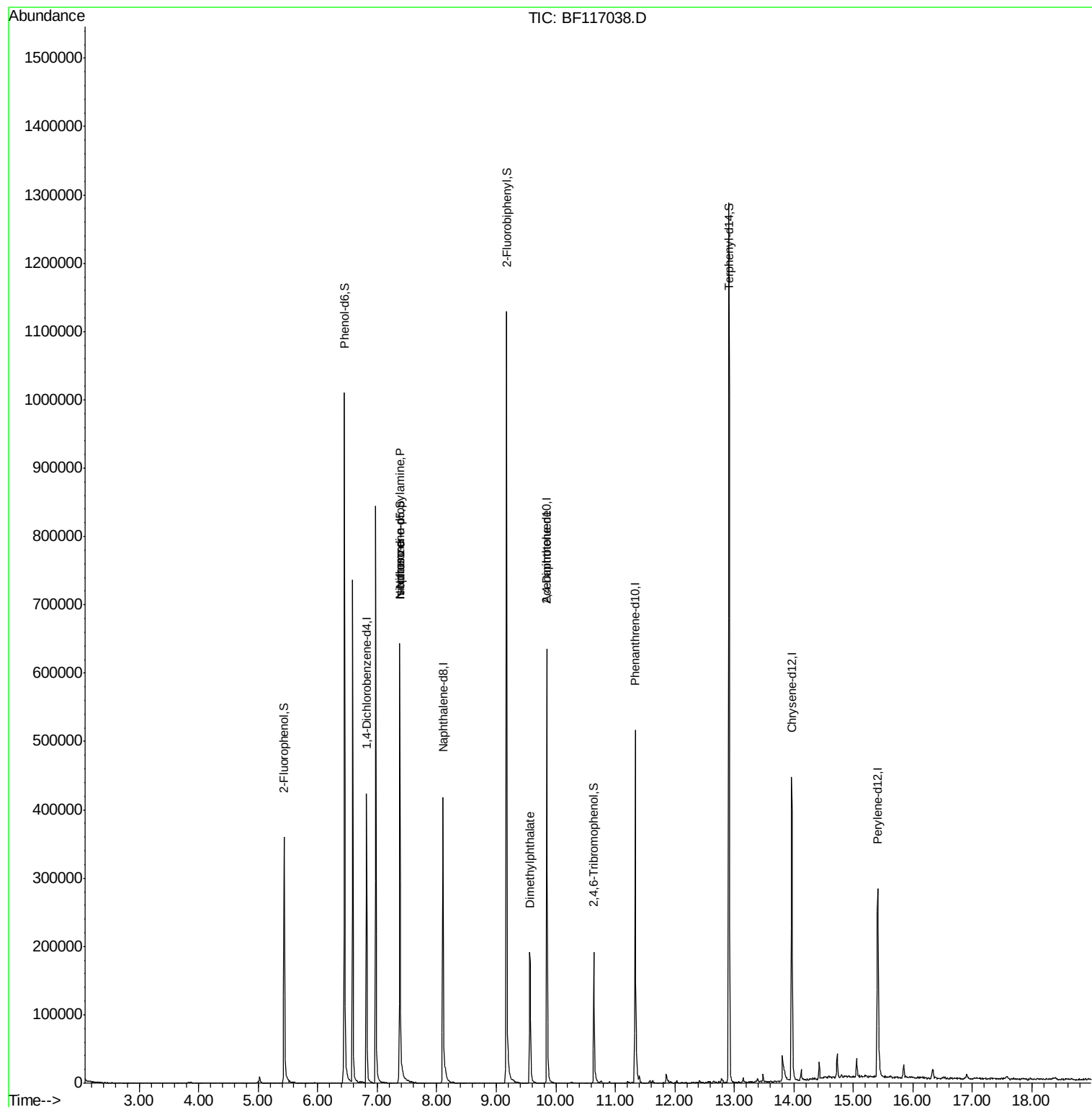
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	64567	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	260863	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	135753	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	234761	20.00	ng	0.00
76) Chrysene-d12	13.96	240	179534	20.00	ng	-0.01
87) Perylene-d12	15.41	264	159029	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	129431	31.30	ng	0.00
7) Phenol-d6	6.45	99	359437	67.25	ng	0.00
23) Nitrobenzene-d5	7.38	82	259026	52.17	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	28842	25.42	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	426058	49.07	ng	0.00
79) Terphenyl-d14	12.91	244	435484	45.34	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	349	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.38	70	32415	9.960	ng	# 79
25) Isophorone	7.38	82	259024	29.466	ng	# 66
50) Dimethylphthalate	9.56	163	110098	11.454	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	17432	6.860	ng	# 18

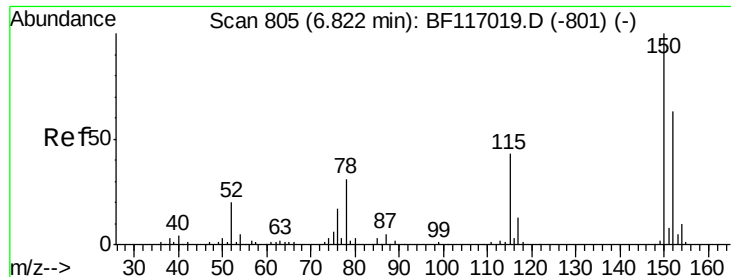
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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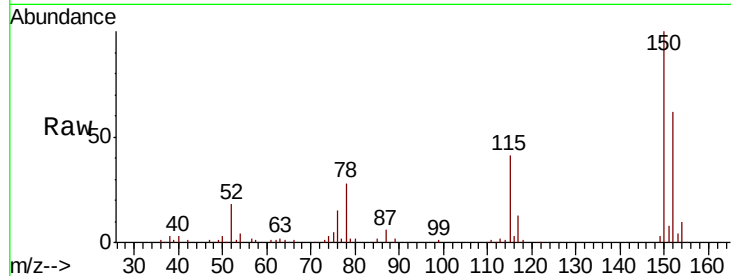


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117038.D
Acq: 13 Sep 2019 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	127.5	191.3
115	66.0	55.0	82.4

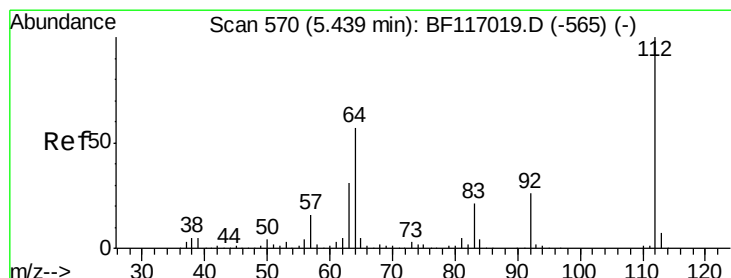
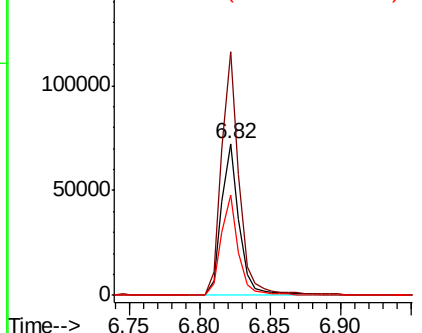
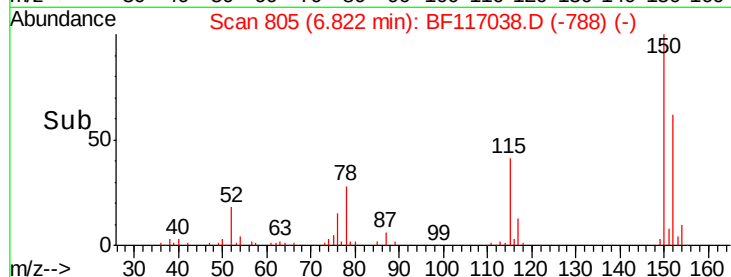


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

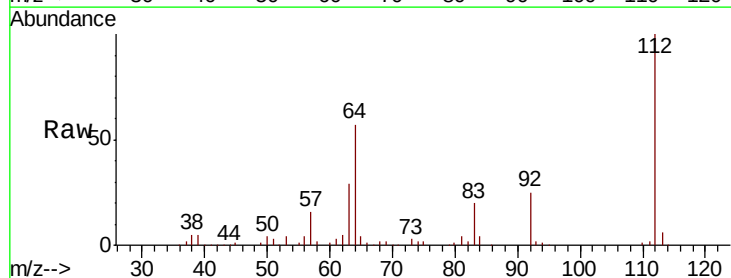
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 31.297 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117038.D
Acq: 13 Sep 2019 22:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.7	68.5
63	28.8	24.9	37.3

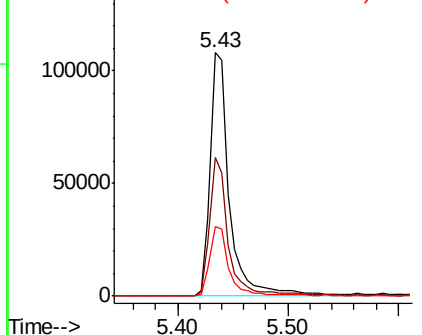
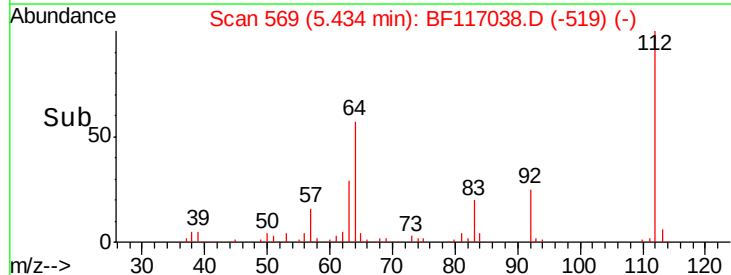


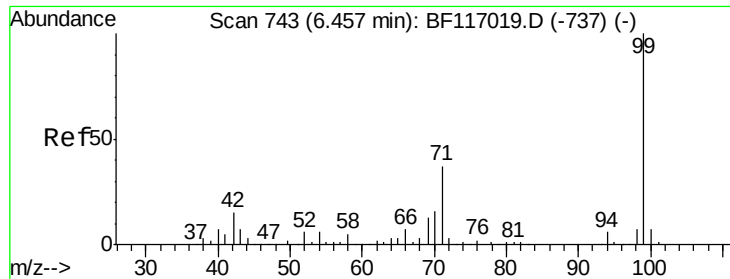
Abundance

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: 67.251 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117038.D

Acq: 13 Sep 2019 22:25

Instrument :

BNA_F

ClientSampled :

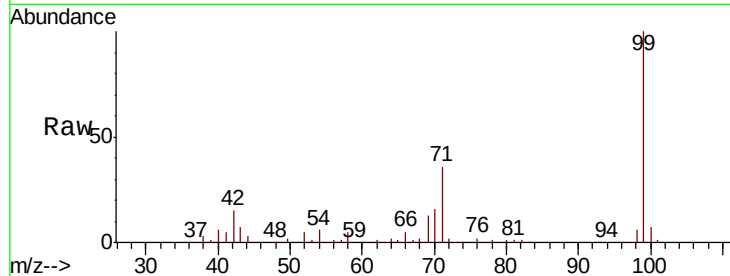
Tot Ion: 99 Resp: 359437

Ion Ratio Lower Upper

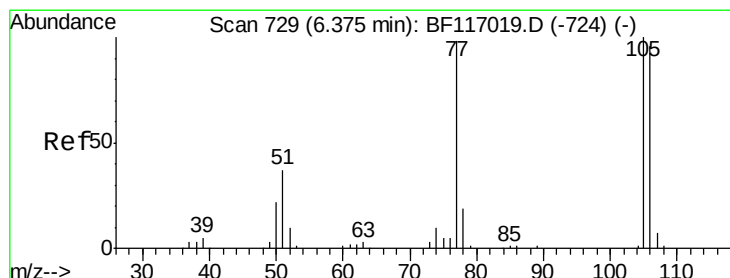
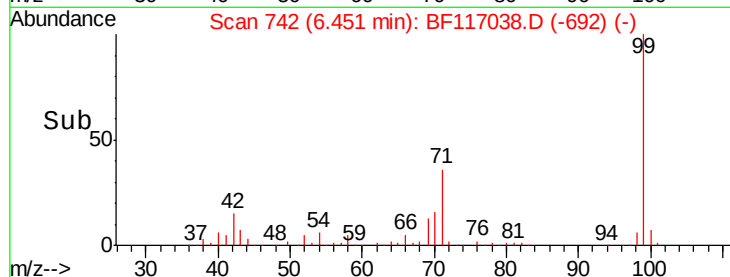
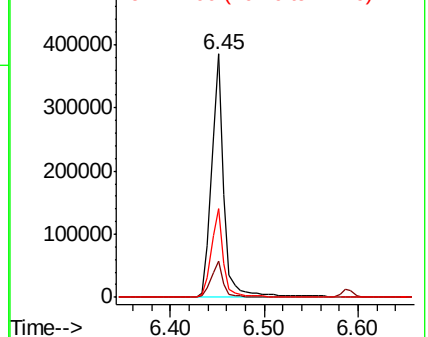
99 100

42 14.6 12.2 18.2

71 36.3 29.8 44.8



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.45 min Scan# 742

Delta R.T. 0.08 min

Lab File: BF117038.D

Acq: 13 Sep 2019 22:25

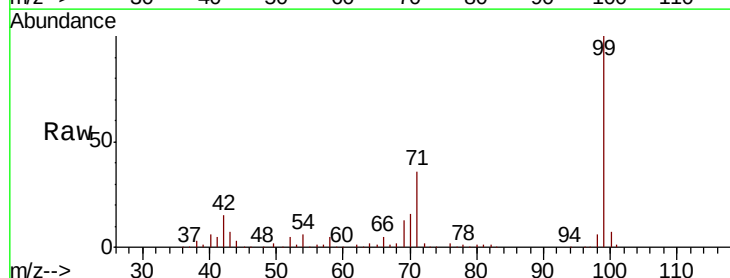
Tgt Ion: 77 Resp: 349

Ion Ratio Lower Upper

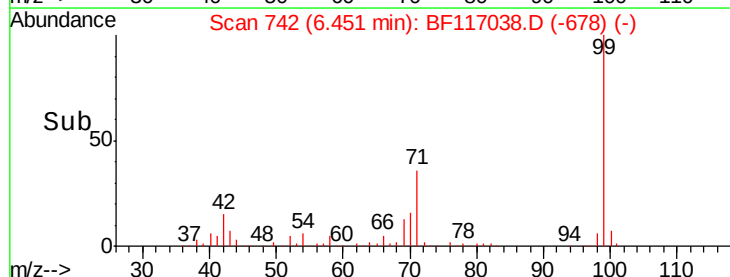
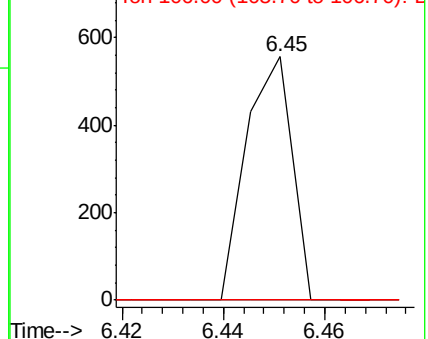
77 100

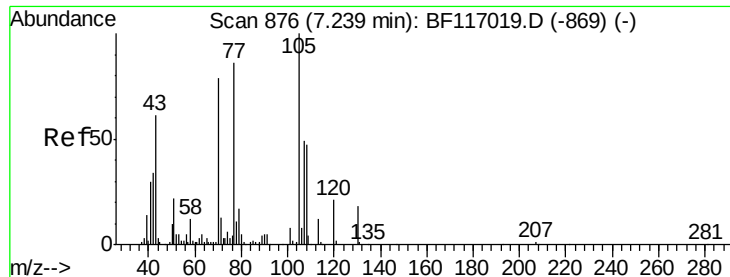
105 0.0 81.8 121.8#

106 0.0 77.3 117.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

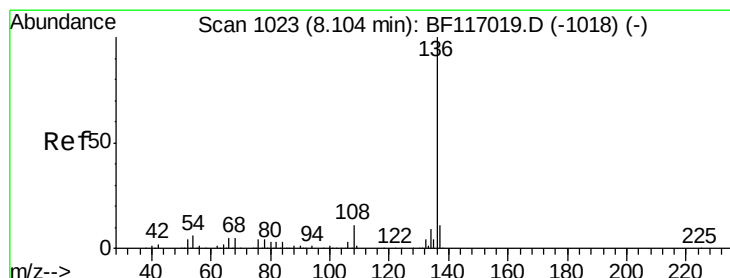
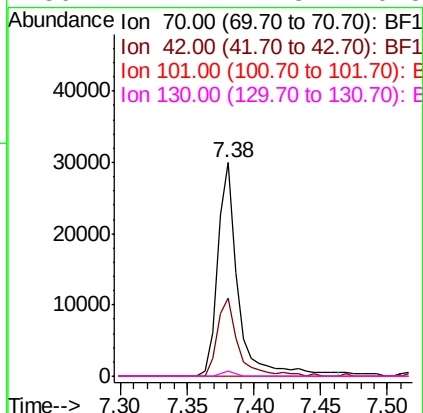
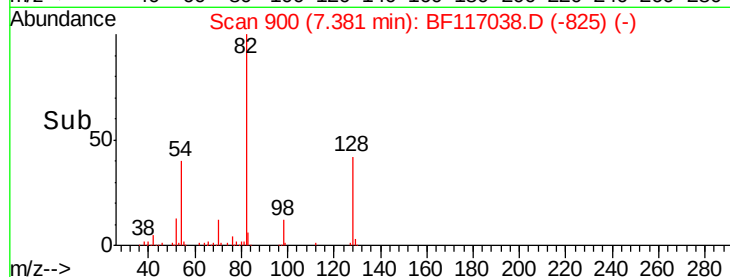
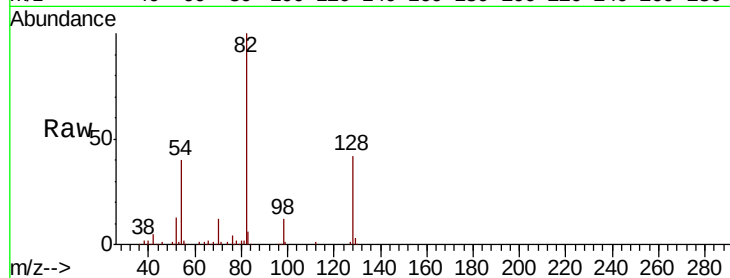




#19
n-Nitroso-di-n-propylamine
Concen: 9.960 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF117038.D
Acq: 13 Sep 2019 22:25

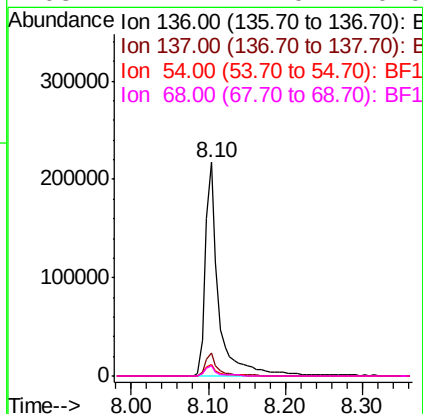
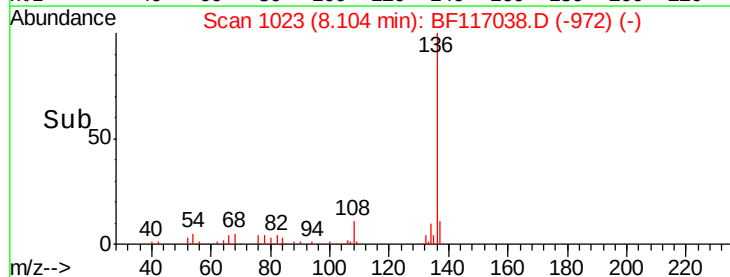
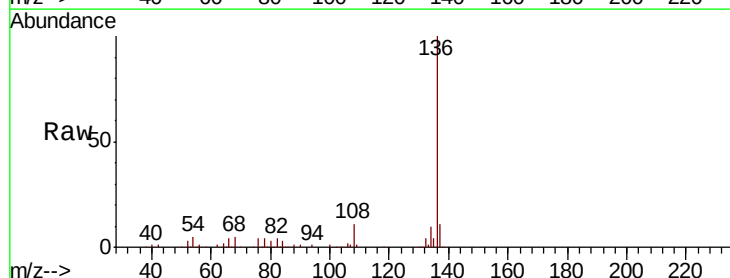
Instrument :
BNA_F
ClientSampleId :

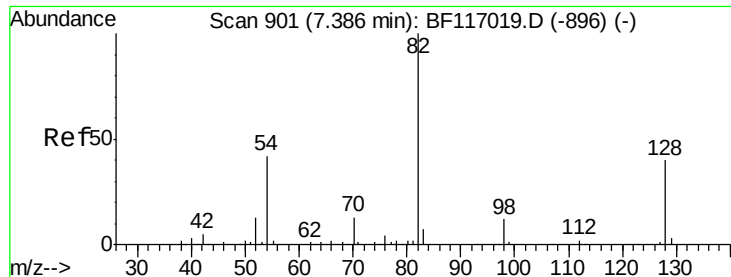
Tot Ion: 70 Resp: 32415
Ion Ratio Lower Upper
70 100
42 36.7 34.0 51.0
101 0.0 7.8 11.6#
130 2.4 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117038.D
Acq: 13 Sep 2019 22:25

Tgt Ion: 136 Resp: 260863
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 5.2 4.5 6.7
68 4.7 4.0 6.0

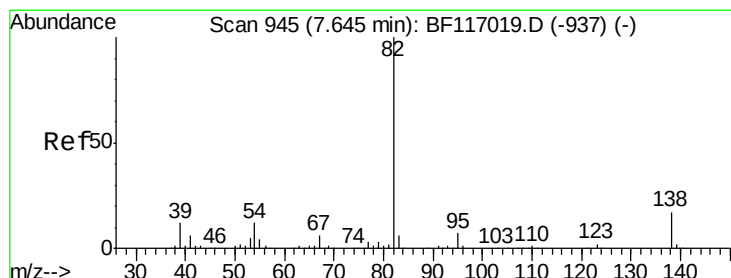
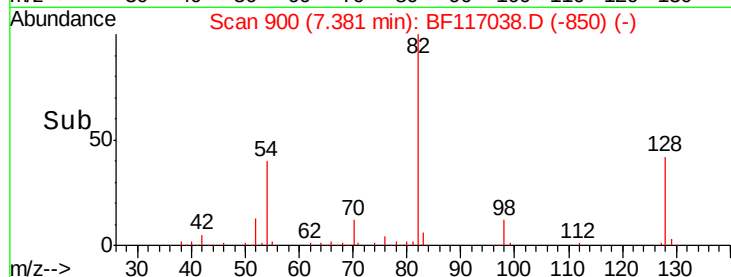
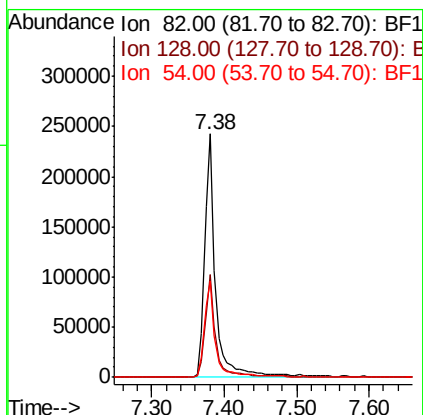
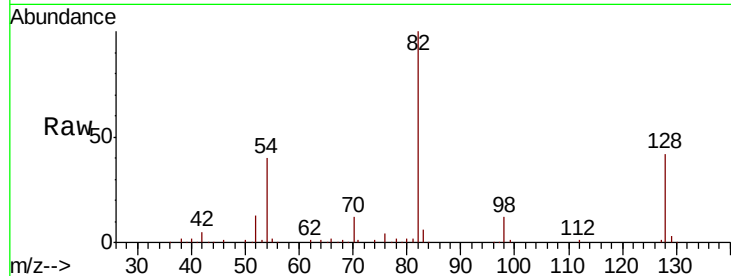




#23
Nitrobenzene-d5
Concen: 52.172 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117038.D
Acq: 13 Sep 2019 22:25

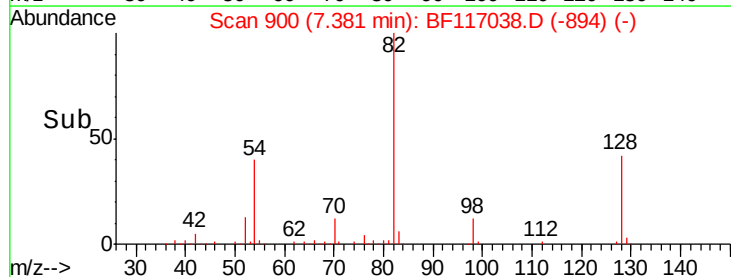
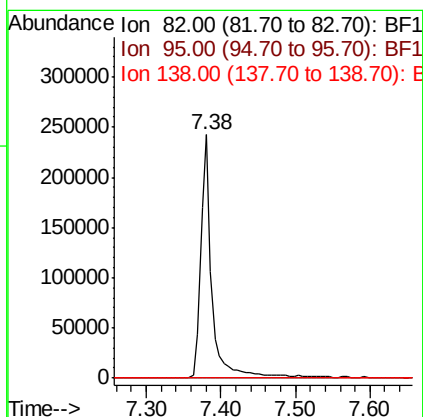
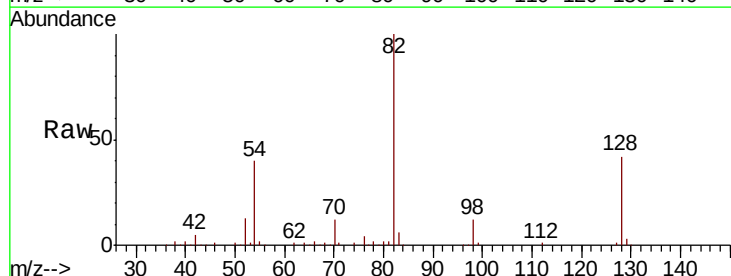
Instrument :
BNA_F
ClientSampleId :

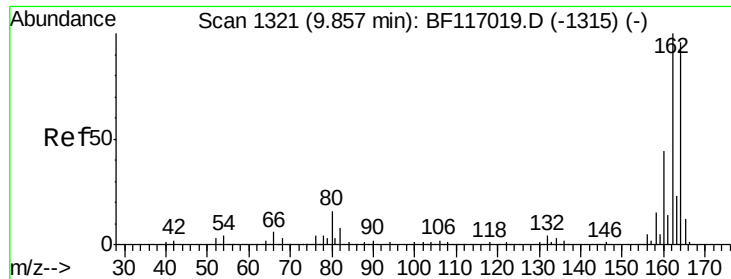
Tot Ion	82	Resp	259026
Ion Ratio	Lower	Upper	
82	100		
128	42.4	32.3	48.5
54	39.8	33.3	49.9



#25
Isophorone
Concen: 29.466 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF117038.D
Acq: 13 Sep 2019 22:25

Tgt Ion	82	Resp	259024
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: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117038.D

Acq: 13 Sep 2019 22:25

Instrument :

BNA_F

ClientSampleId :

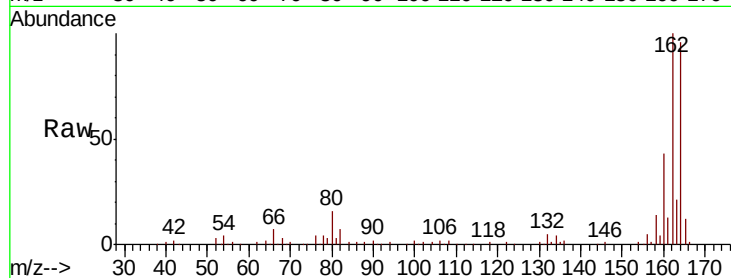
Tot Ion:164 Resp: 135753

Ion Ratio Lower Upper

164 100

162 104.5 83.4 125.2

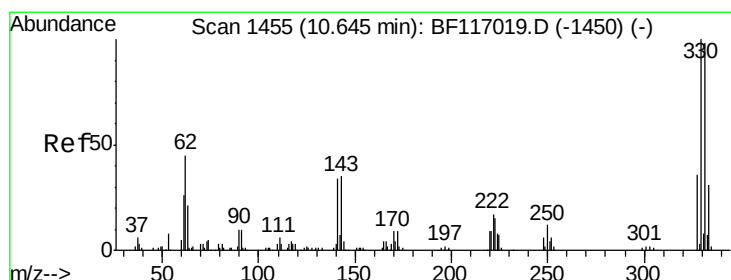
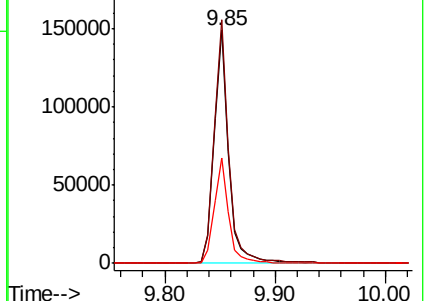
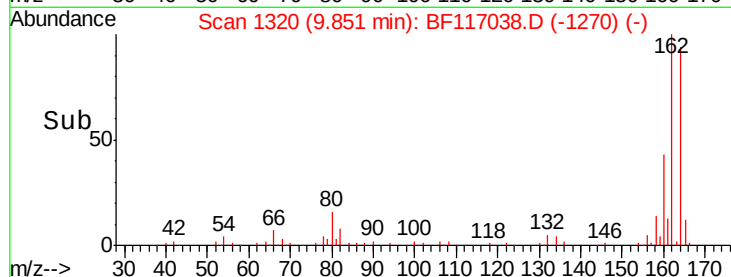
160 45.0 36.4 54.6



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: 25.421 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117038.D

Acq: 13 Sep 2019 22:25

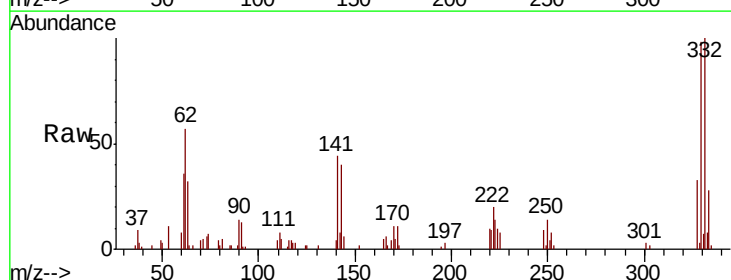
Tgt Ion:330 Resp: 28842

Ion Ratio Lower Upper

330 100

332 102.7 78.0 117.0

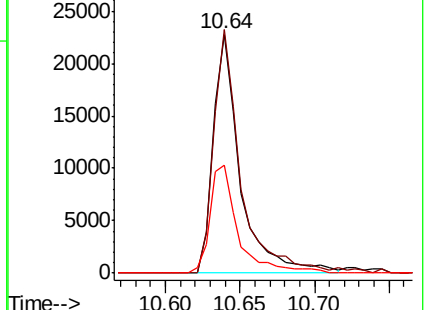
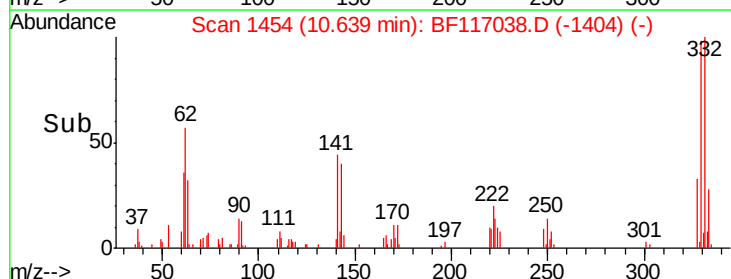
141 46.8 35.8 53.6

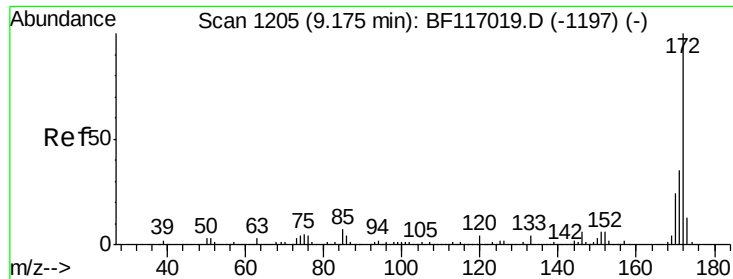


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

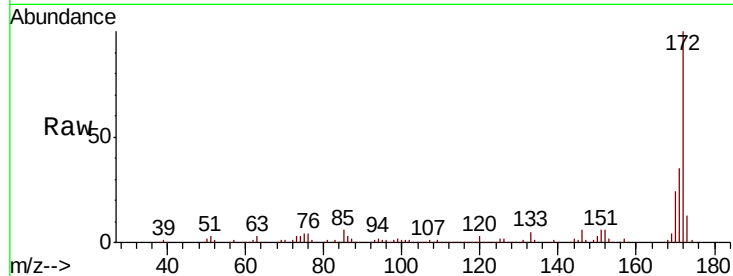




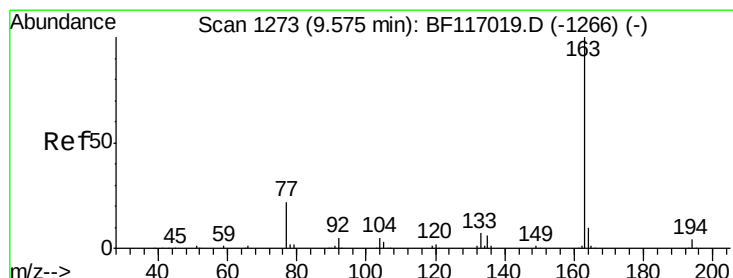
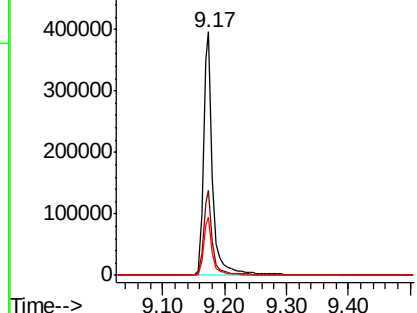
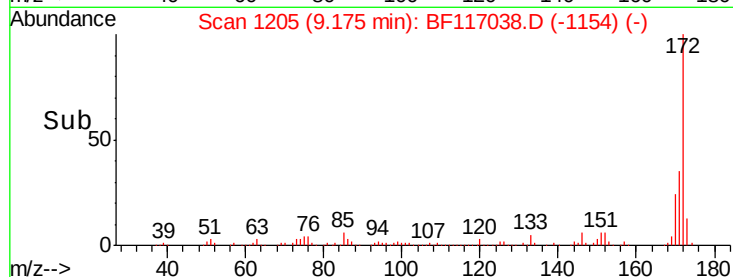
#45
2-Fluorobiphenyl
Concen: 49.072 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117038.D
Acq: 13 Sep 2019 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 426058
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.7 18.9 28.3

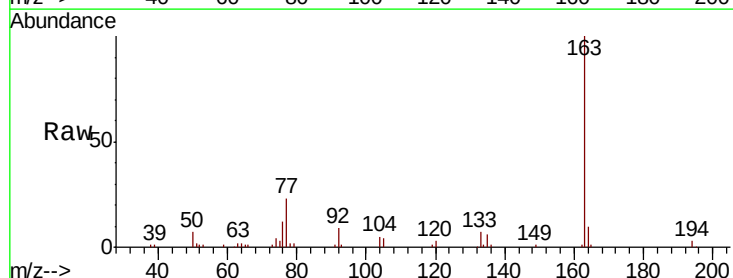


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

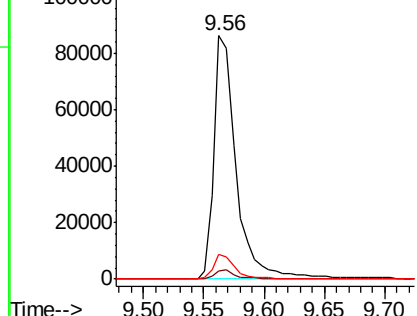
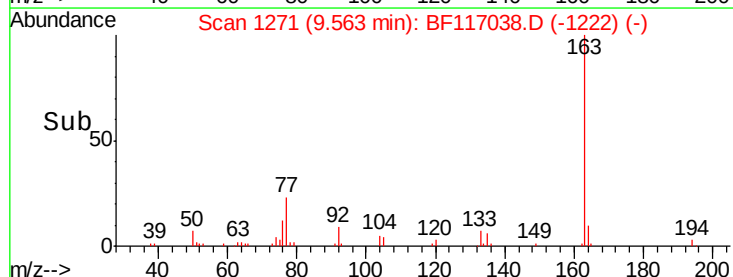


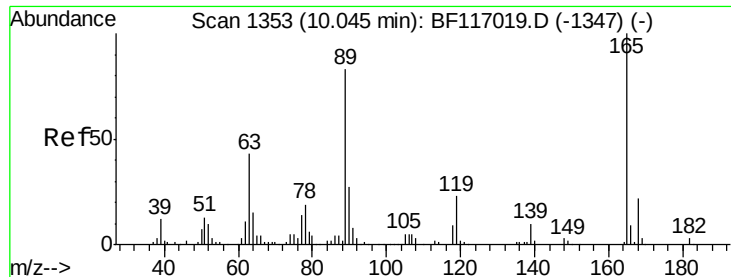
#50
Dimethylphthalate
Concen: 11.454 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117038.D
Acq: 13 Sep 2019 22:25

Tgt Ion:163 Resp: 110098
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.1 8.2 12.4



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

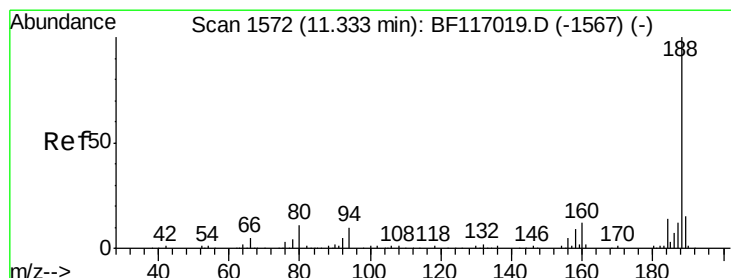
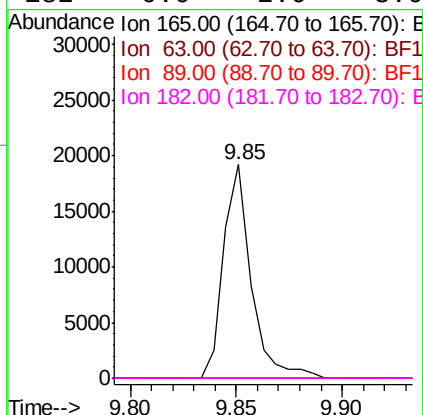
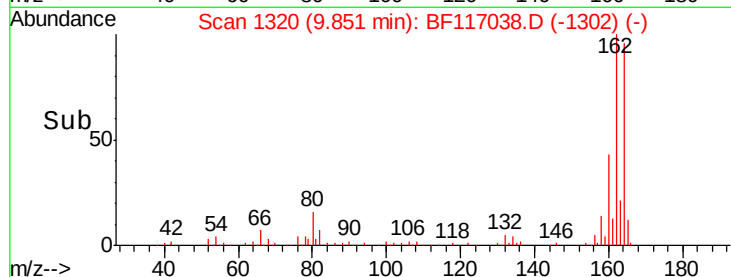
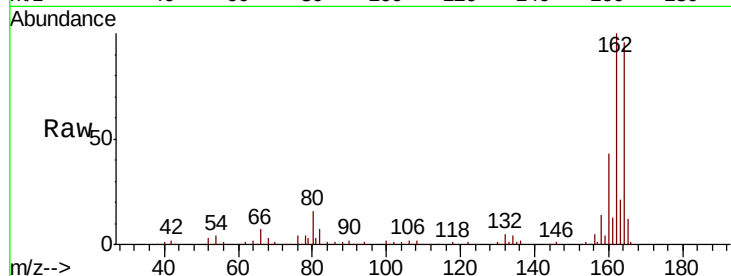




#57
 2,4-Dinitrotoluene
 Concen: 6.860 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117038.D
 Acq: 13 Sep 2019 22:25

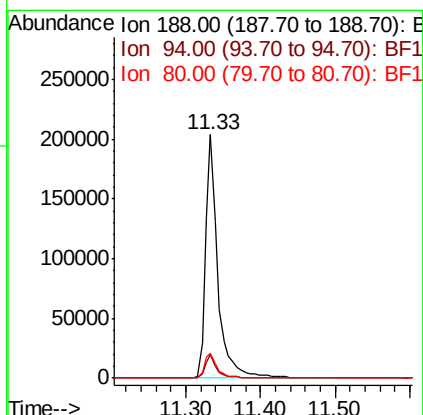
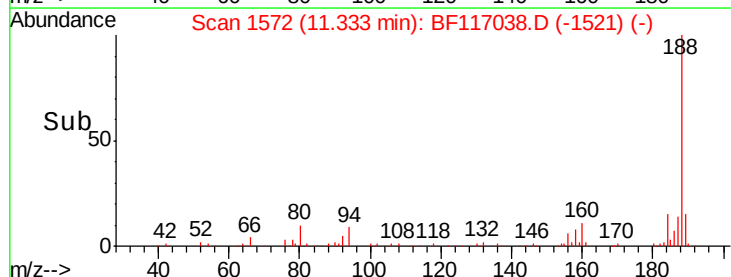
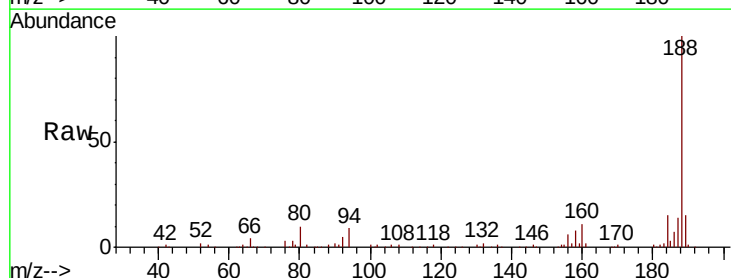
Instrument :
 BNA_F
 ClientSampleId :

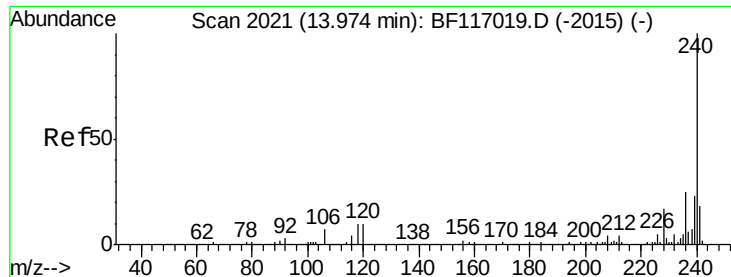
Tot Ion:165 Resp: 17432
 Ion Ratio Lower Upper
 165 100
 63 0.0 35.0 52.4#
 89 0.0 66.1 99.1#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF117038.D
 Acq: 13 Sep 2019 22:25

Tgt Ion:188 Resp: 234761
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.2 12.2
 80 10.1 9.0 13.6

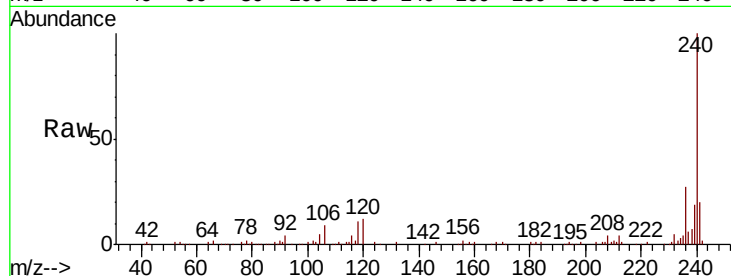




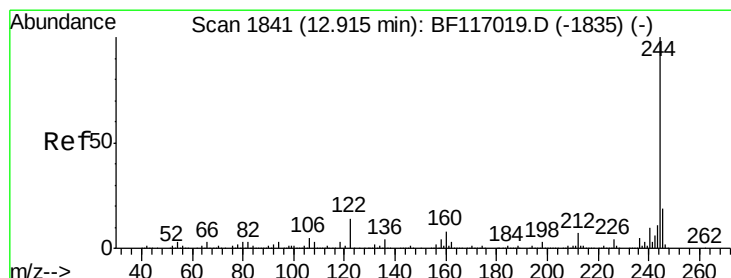
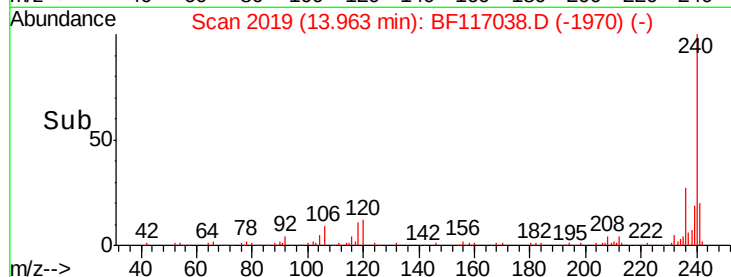
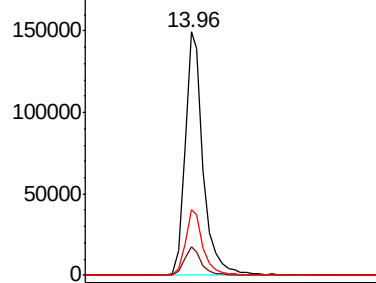
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117038.D
Acq: 13 Sep 2019 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 179534
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 27.0 20.3 30.5

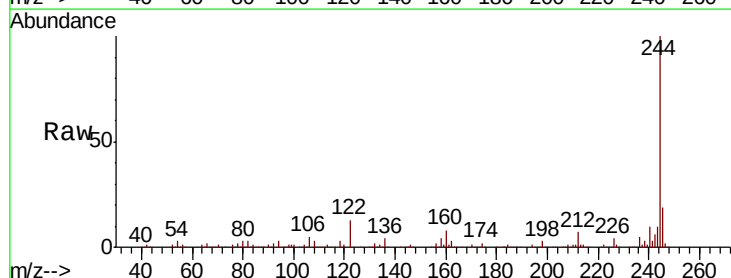


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

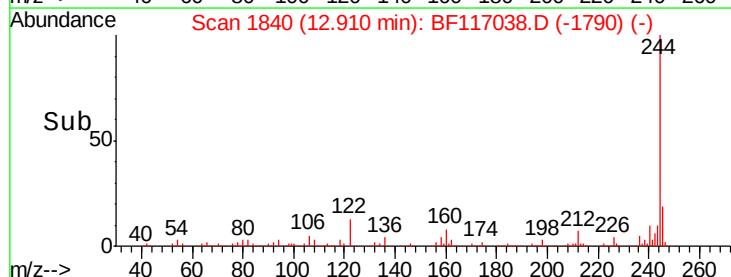
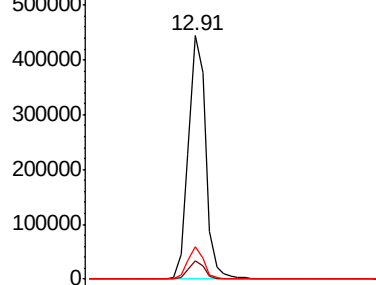


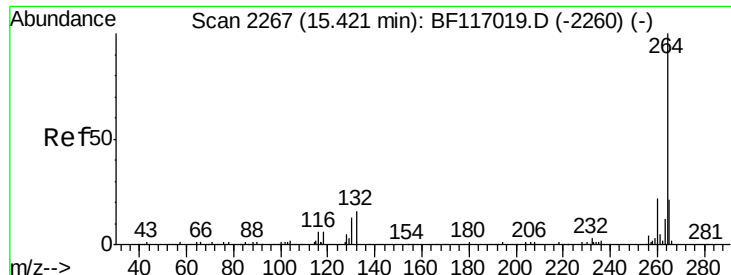
#79
Terphenyl-d14
Concen: 45.341 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117038.D
Acq: 13 Sep 2019 22:25

Tgt Ion:244 Resp: 435484
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 13.1 11.3 16.9



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
Pervlone-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117038.D
Acq: 13 Sep 2019 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.6	26.4
265	20.5	16.6	24.8

