

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
 Data File : BF117285.D
 Acq On : 1 Oct 2019 19:08
 Operator : JU
 Sample : K4096-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 02 05:58:38 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

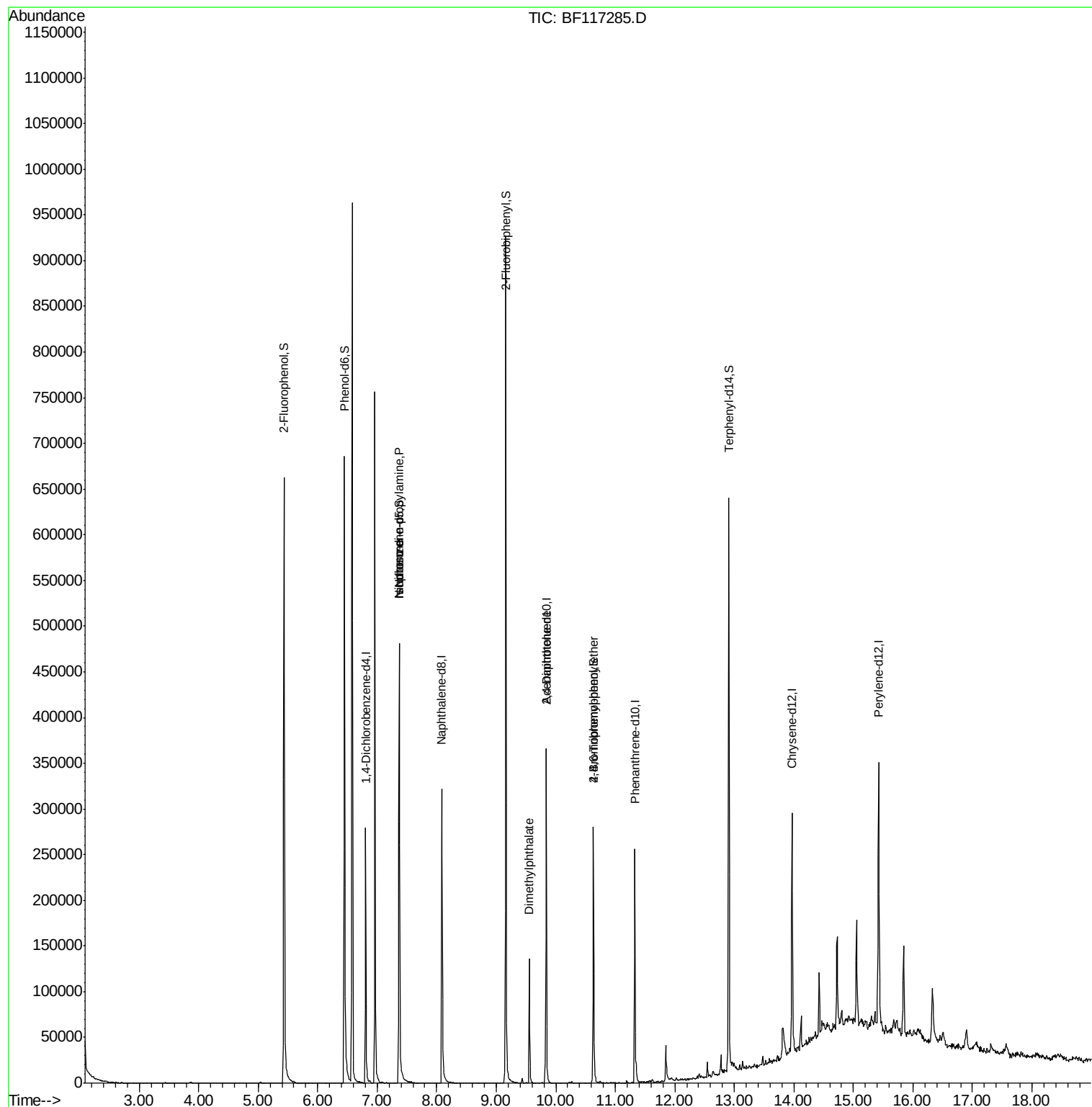
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	47036	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	179264	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	75743	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	99834	20.00	ng	0.00
76) Chrysene-d12	13.97	240	80625	20.00	ng	0.00
87) Perylene-d12	15.42	264	74685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	207134	68.75	ng	0.00
7) Phenol-d6	6.45	99	278546	71.54	ng	0.00
23) Nitrobenzene-d5	7.37	82	182731	53.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	36268	57.29	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	296134	61.13	ng	-0.01
79) Terphenyl-d14	12.91	244	200085	46.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	275	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	24730	10.431 ng	#	1
25) Isophorone	7.37	82	182729	30.249 ng	#	83
50) Dimethylphthalate	9.56	163	60679	11.314 ng	#	66
57) 2,4-Dinitrotoluene	9.84	165	9028	6.368 ng	#	99
67) 4-Bromophenyl-phenylether	10.63	248	2259	2.216 ng	#	18
					#	1

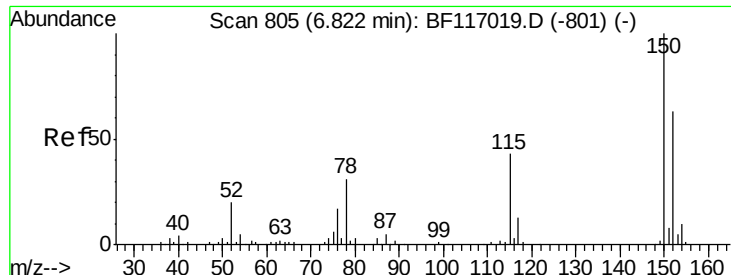
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :

Quant Time: Oct 02 05:58:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



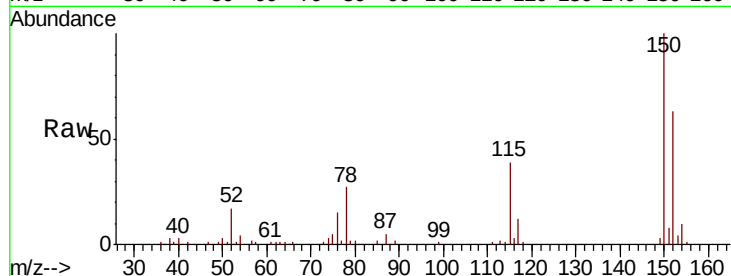


#1

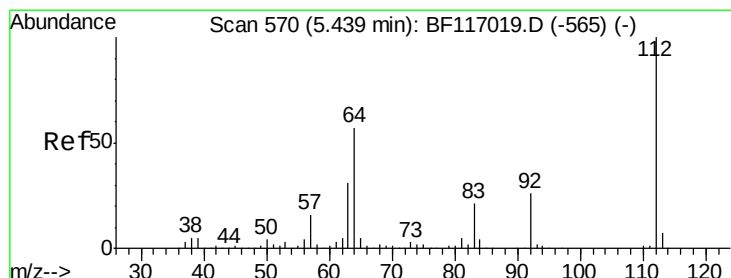
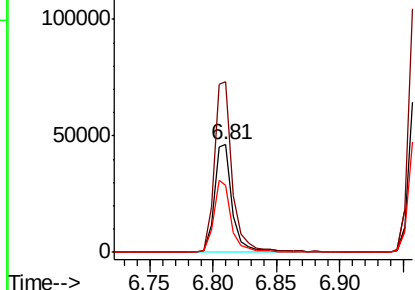
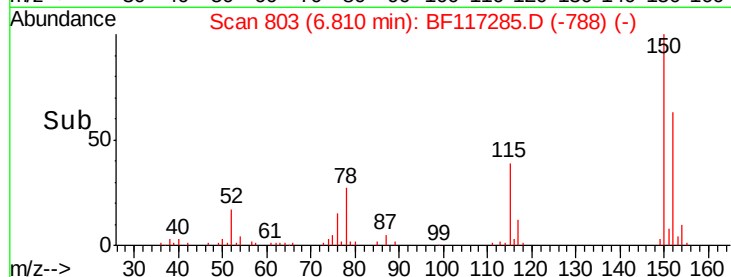
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117285.D
Acq: 1 Oct 2019 19:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 47036
Ion Ratio Lower Upper
152 100
150 158.4 127.5 191.3
115 62.2 55.0 82.4



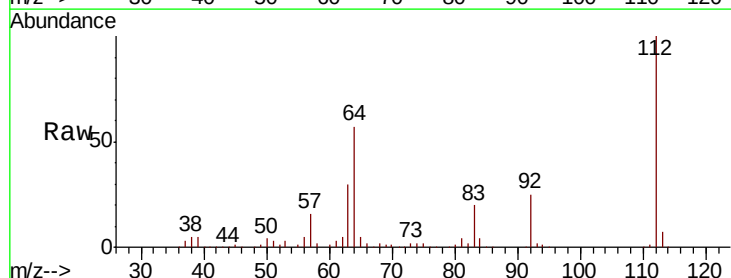
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



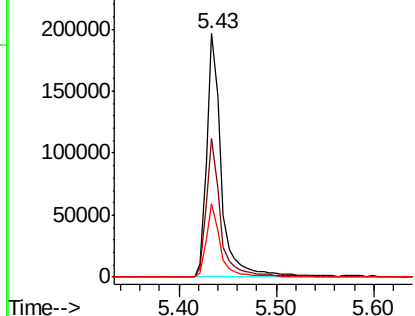
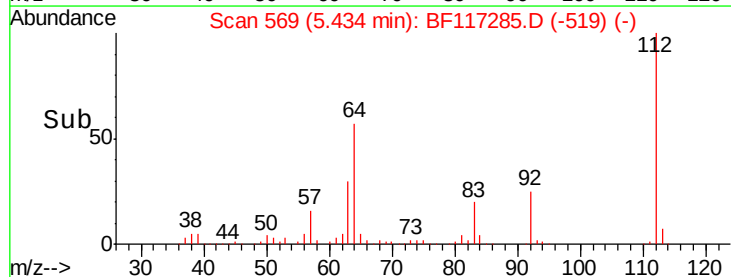
#5

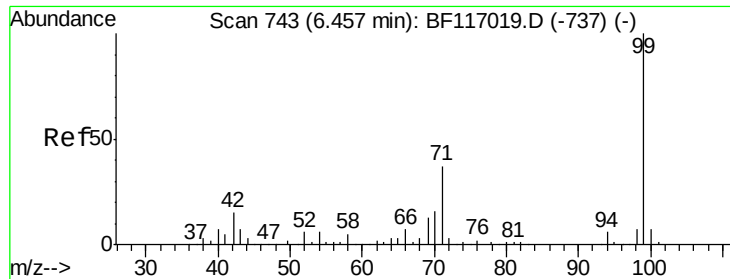
2-Fluorophenol
Concen: 68.753 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117285.D
Acq: 1 Oct 2019 19:08

Tgt Ion:112 Resp: 207134
Ion Ratio Lower Upper
112 100
64 57.0 45.7 68.5
63 29.9 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: 71.541 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117285.D

Acq: 1 Oct 2019 19:08

Instrument :

BNA_F

ClientSampleId :

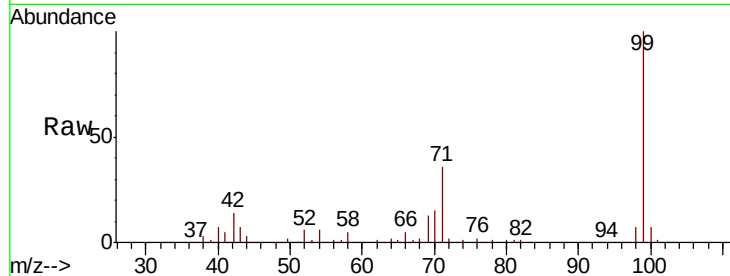
Tot Ion: 99 Resp: 278546

Ion Ratio Lower Upper

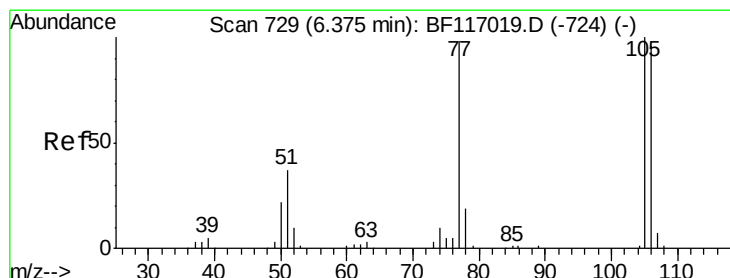
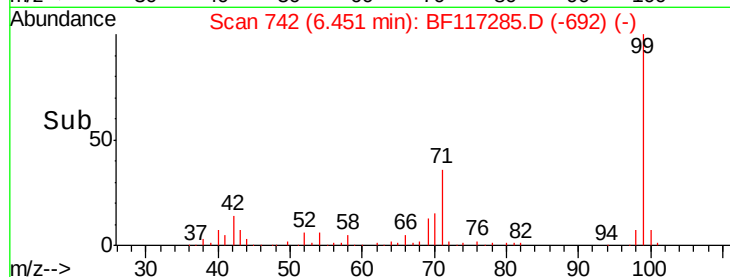
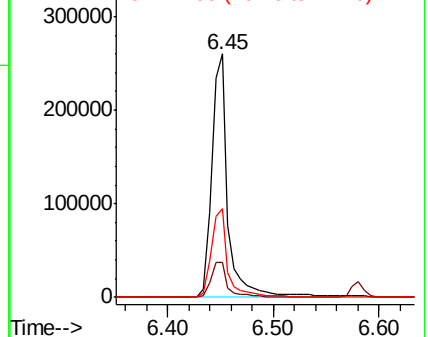
99 100

42 14.4 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# 741

Delta R.T. 0.07 min

Lab File: BF117285.D

Acq: 1 Oct 2019 19:08

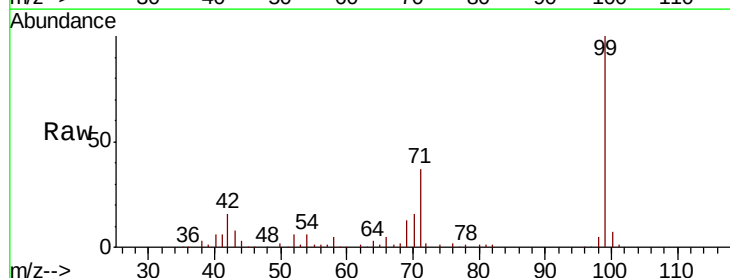
Tgt Ion: 77 Resp: 275

Ion Ratio Lower Upper

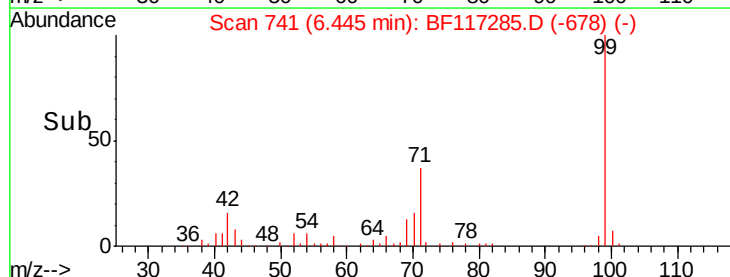
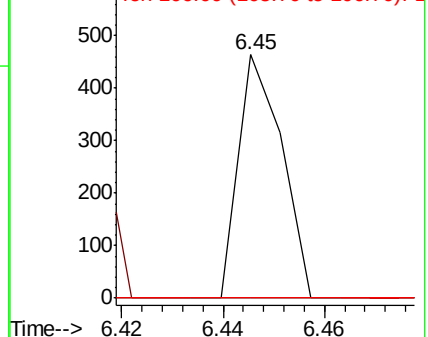
77 100

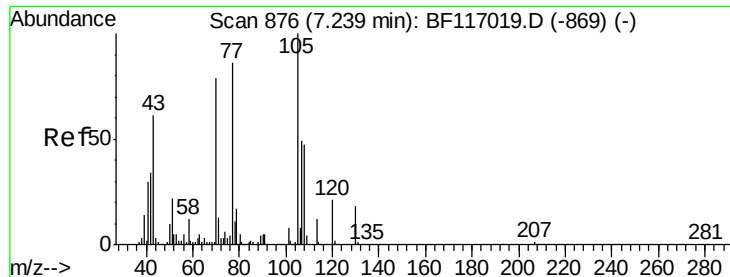
105 0.0 81.8 121.8#

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

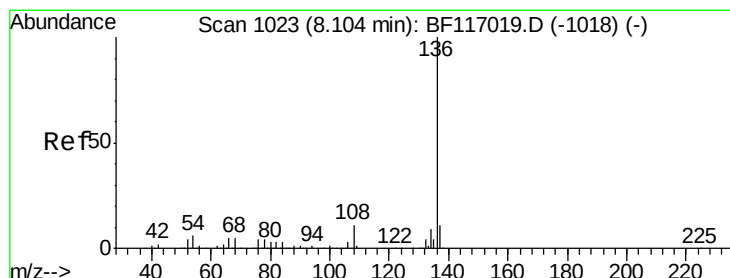
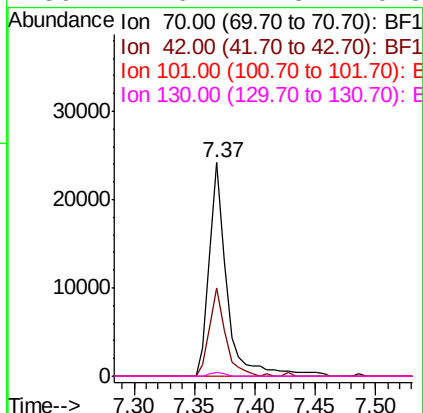
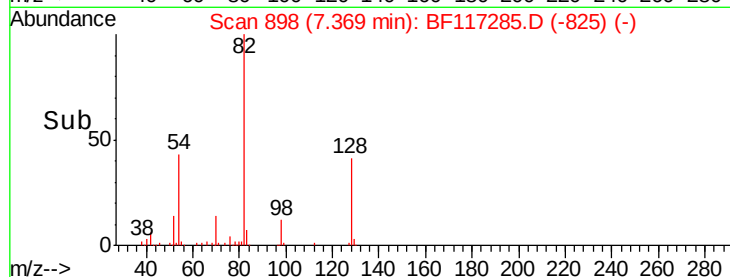
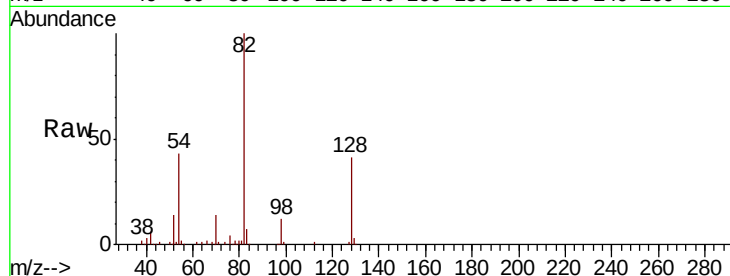




#19
n-Nitroso-di-n-propylamine
Concen: 10.431 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117285.D
Acq: 1 Oct 2019 19:08

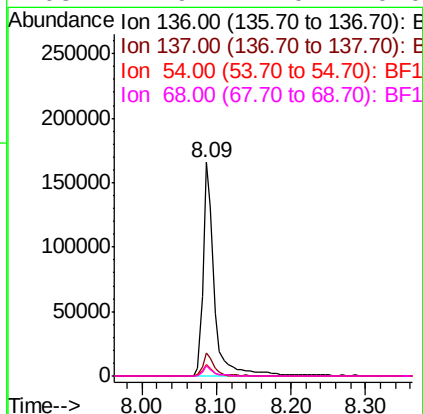
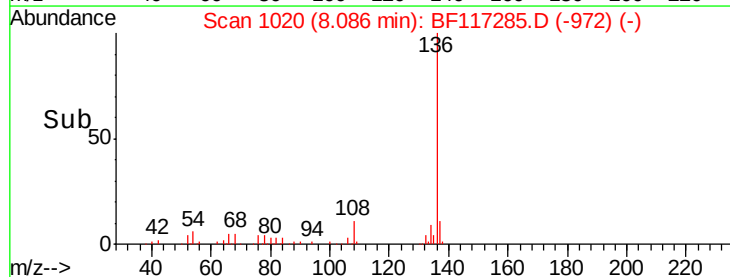
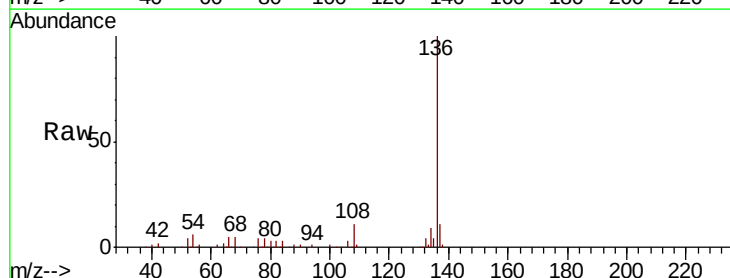
Instrument :
BNA_F
ClientSampleId :

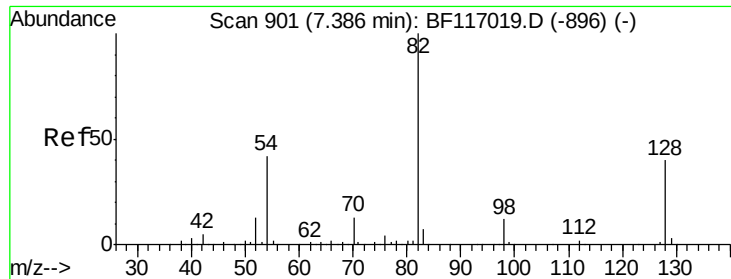
Tot Ion: 70 Resp: 24730
Ion Ratio Lower Upper
70 100
42 41.6 34.0 51.0
101 0.0 7.8 11.6#
130 1.6 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117285.D
Acq: 1 Oct 2019 19:08

Tgt Ion: 136 Resp: 179264
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 5.7 4.5 6.7
68 4.9 4.0 6.0

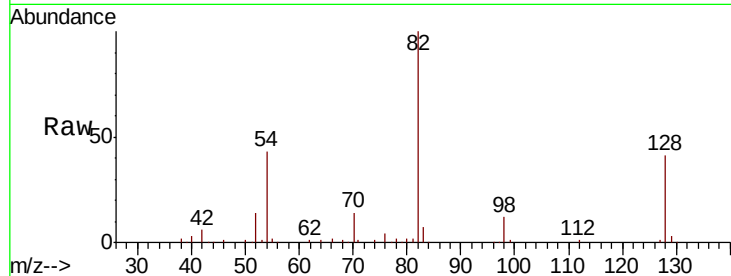




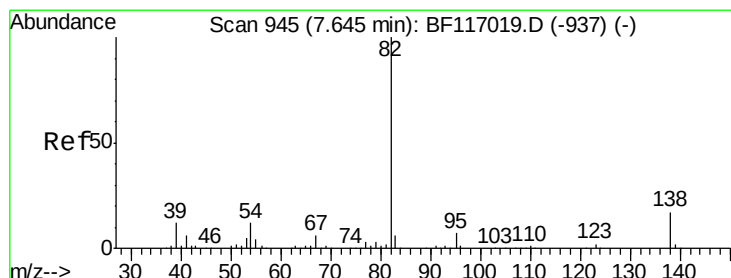
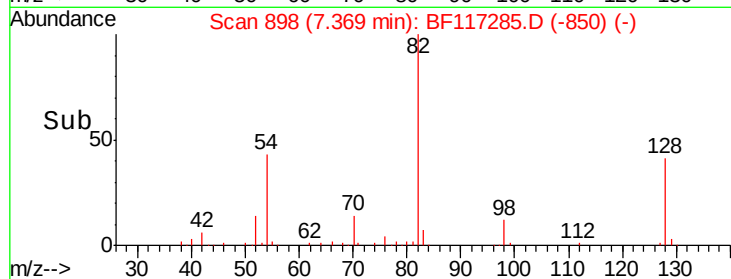
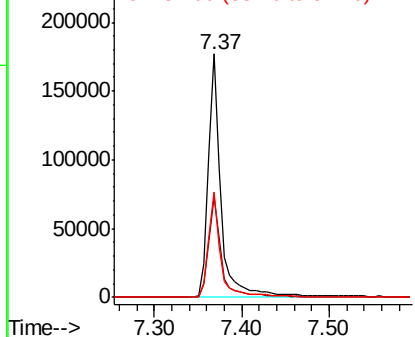
#23
 Nitrobenzene-d5
 Concen: 53.559 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117285.D
 Acq: 1 Oct 2019 19:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	182731
Ion Ratio	Lower	Upper	
82	100		
128	41.4	32.3	48.5
54	43.1	33.3	49.9

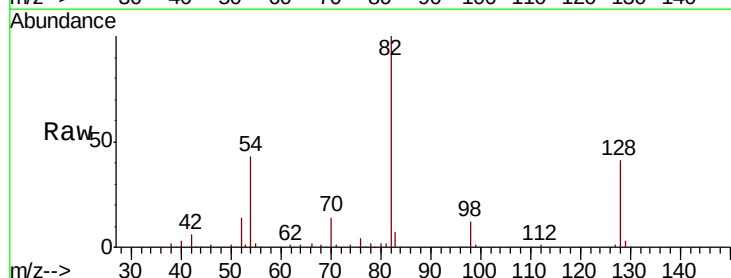


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

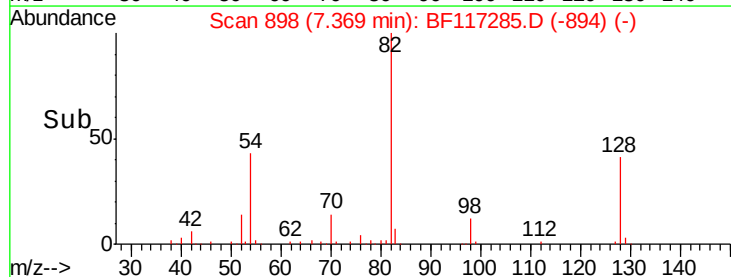
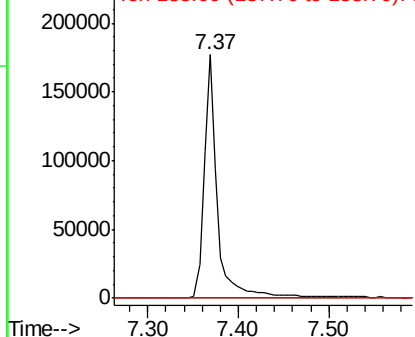


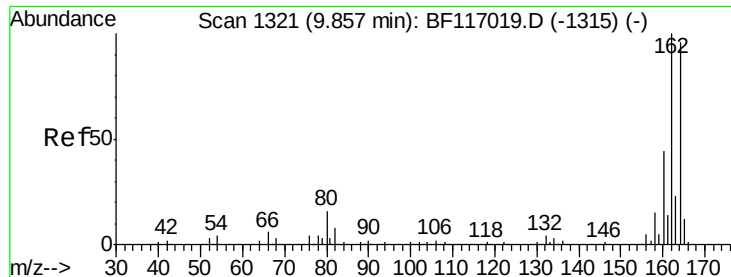
#25
 Isophorone
 Concen: 30.249 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.28 min
 Lab File: BF117285.D
 Acq: 1 Oct 2019 19:08

Tgt Ion	82	Resp	182729
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



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

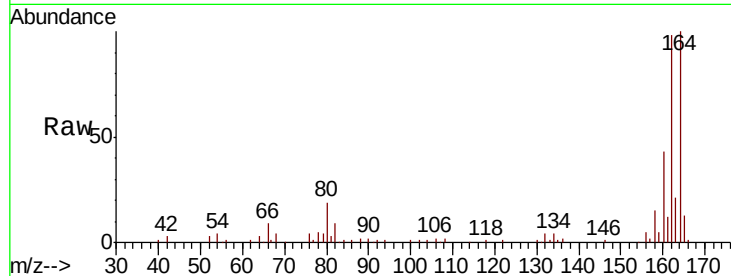




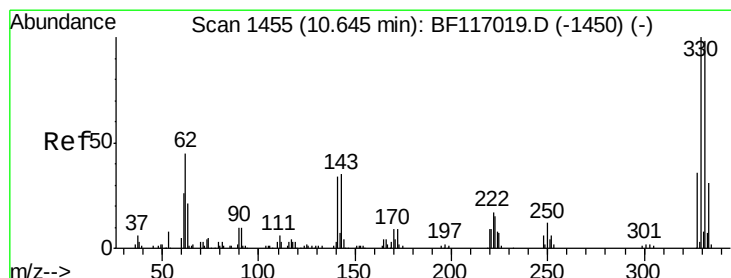
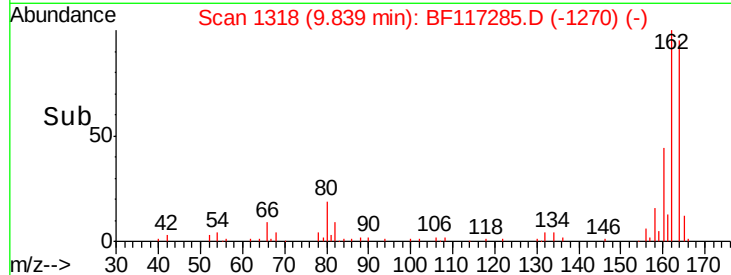
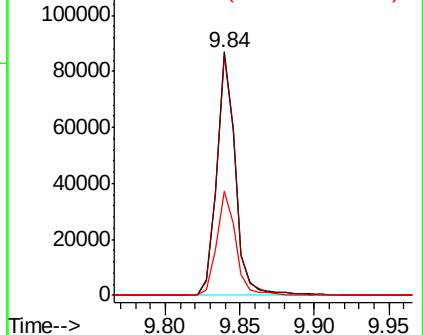
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117285.D
Acq: 1 Oct 2019 19:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 75743
Ion Ratio Lower Upper
164 100
162 98.3 83.4 125.2
160 42.8 36.4 54.6

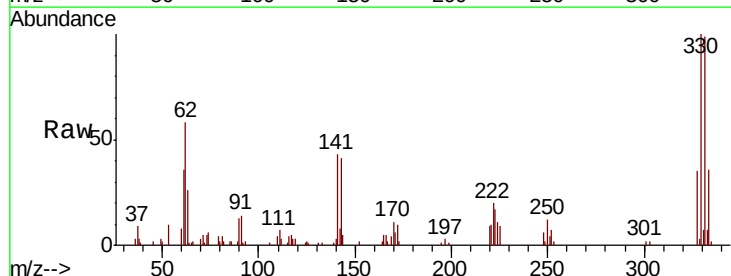


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

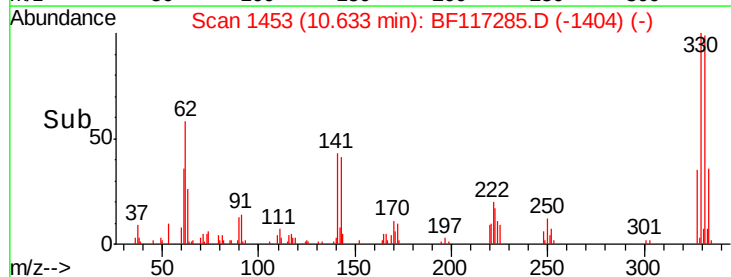
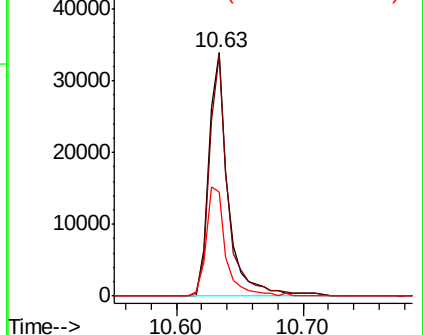


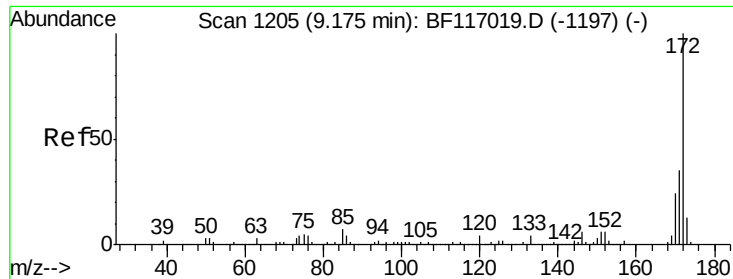
#42
2,4,6-Tribromophenol
Concen: 57.292 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117285.D
Acq: 1 Oct 2019 19:08

Tgt Ion:330 Resp: 36268
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 45.1 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

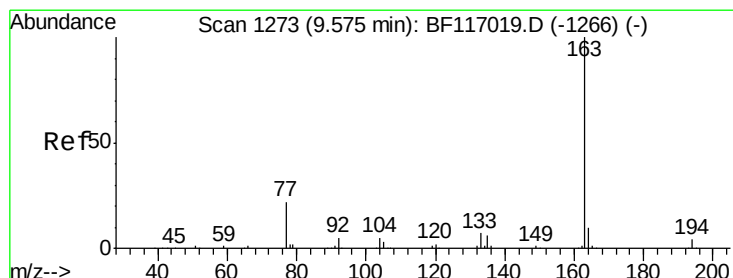
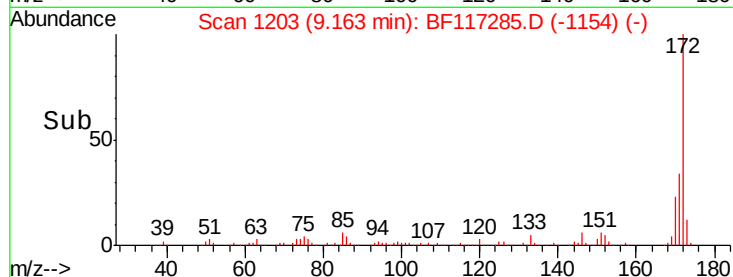
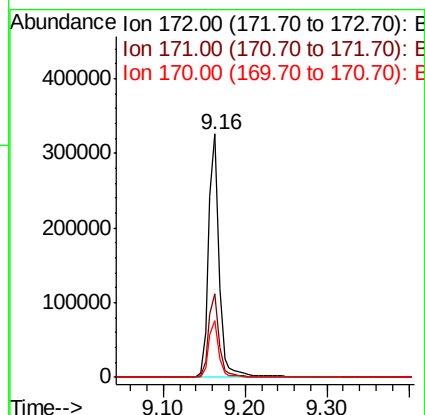
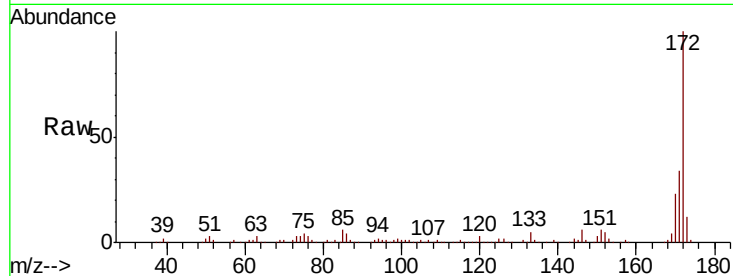




#45
2-Fluorobiphenyl
Concen: 61.131 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117285.D
Acq: 1 Oct 2019 19:08

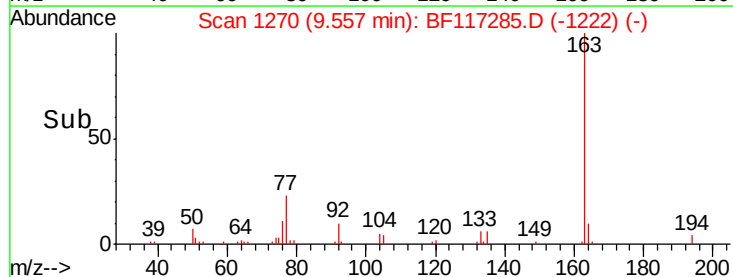
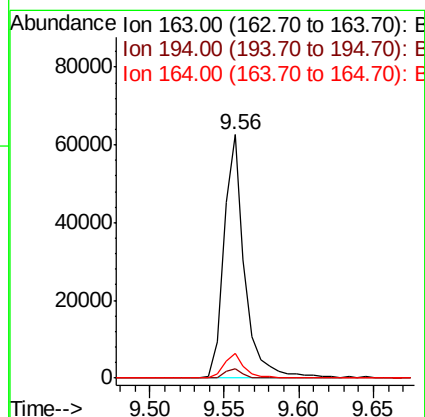
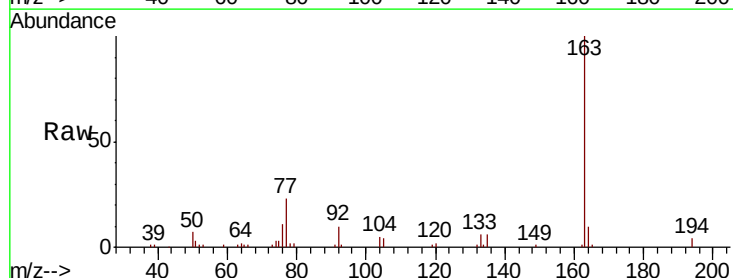
Instrument :
BNA_F
ClientSampleId :

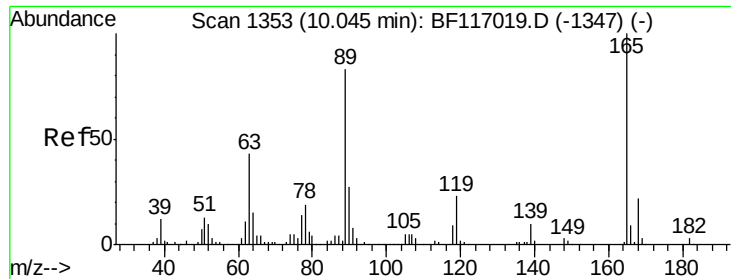
Tot Ion:172 Resp: 296134
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 23.4 18.9 28.3



#50
Dimethylphthalate
Concen: 11.314 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117285.D
Acq: 1 Oct 2019 19:08

Tgt Ion:163 Resp: 60679
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 10.1 8.2 12.4

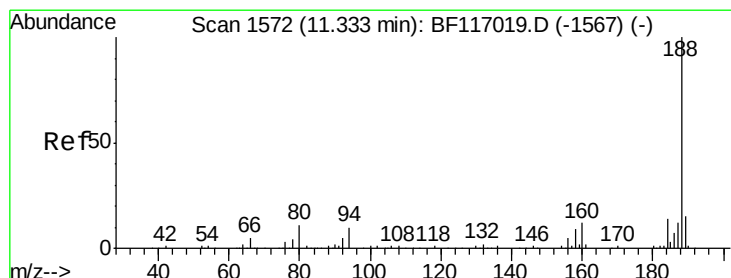
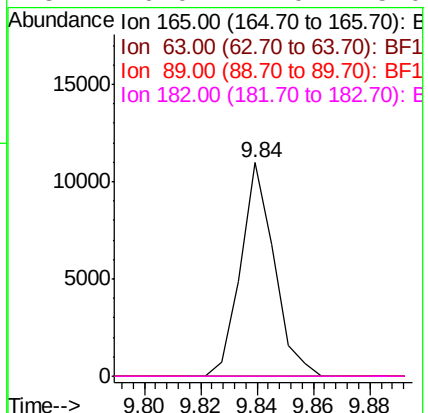
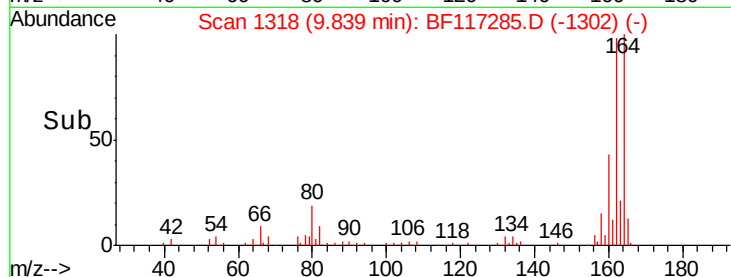
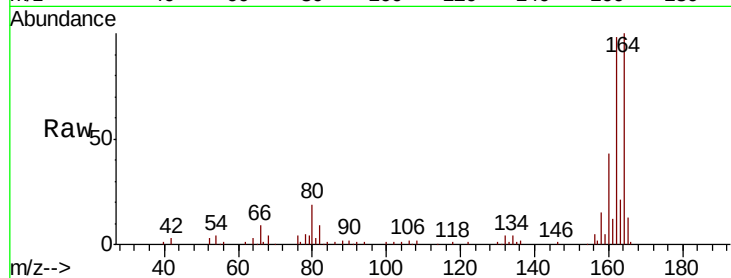




#57
 2,4-Dinitrotoluene
 Concen: 6.368 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF117285.D
 Acq: 1 Oct 2019 19:08

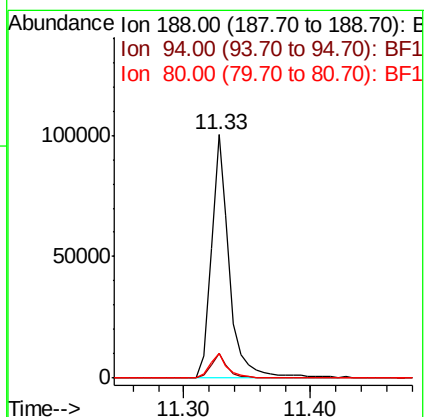
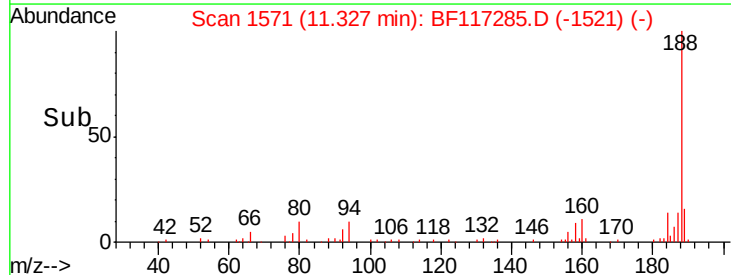
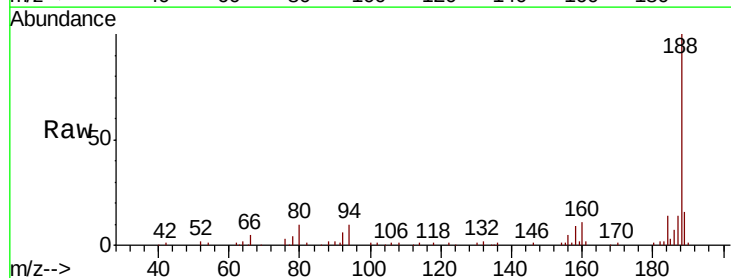
Instrument :
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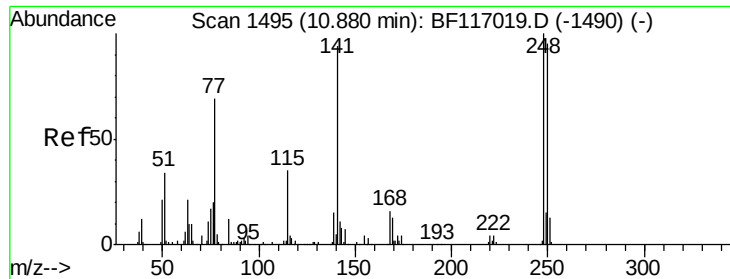
Tot Ion:165 Resp: 9028
 Ion Ratio Lower Upper
 165 100
 63 0.0 35.0 52.4#
 89 0.0 66.1 99.1#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF117285.D
 Acq: 1 Oct 2019 19:08

Tgt Ion:188 Resp: 99834
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.2 12.2
 80 10.0 9.0 13.6

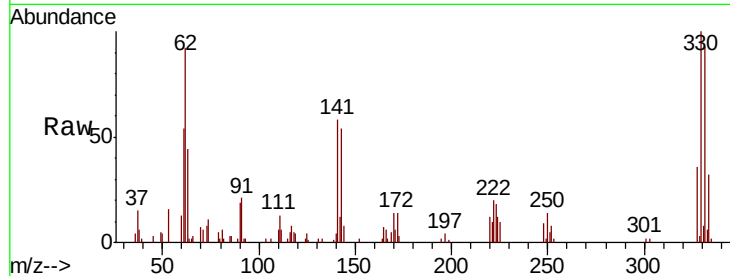




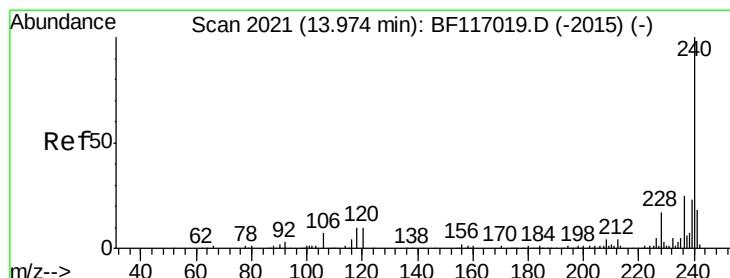
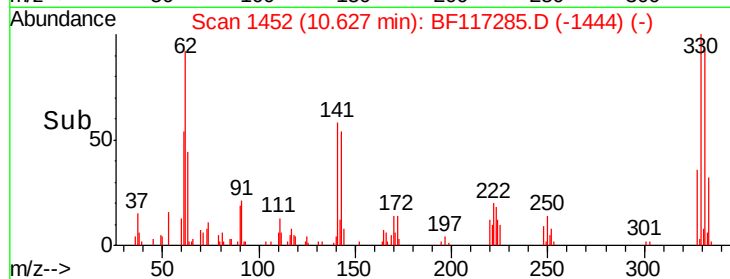
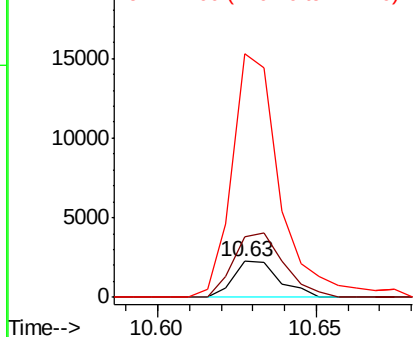
#67
4-Bromophenyl-phenylether
Concen: 2.216 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF117285.D
Acq: 1 Oct 2019 19:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 2259
Ion Ratio Lower Upper
248 100
250 167.9 76.2 114.4#
141 680.8 75.0 112.4#

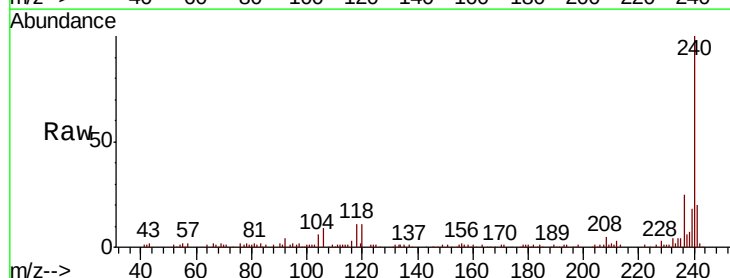


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

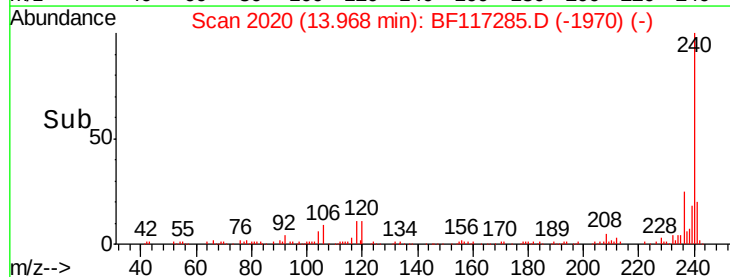
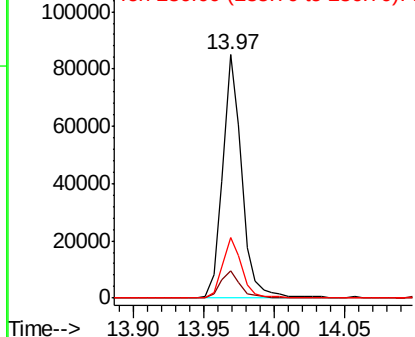


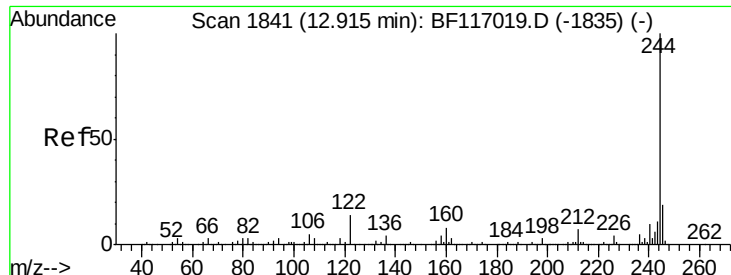
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117285.D
Acq: 1 Oct 2019 19:08

Tgt Ion:240 Resp: 80625
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 25.1 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

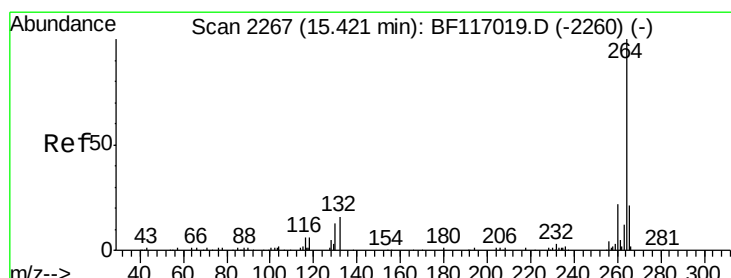
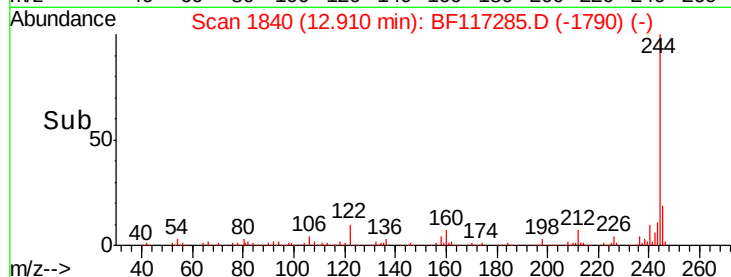
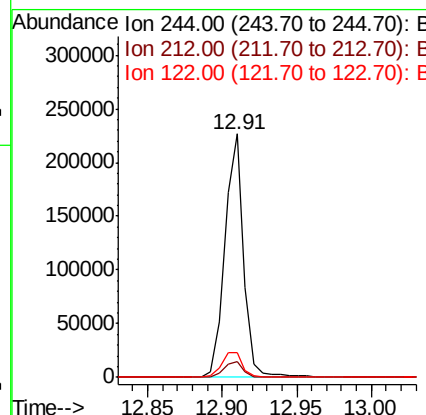
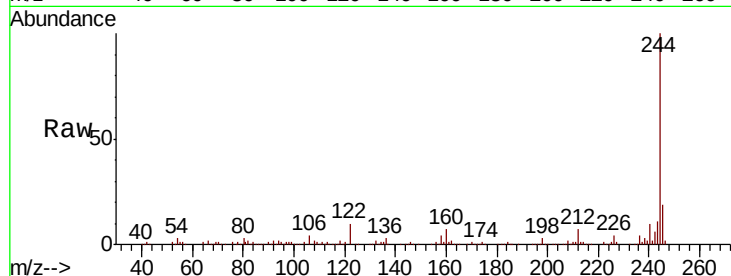




#79
 Terphenyl-d14
 Concen: 46.388 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117285.D
 Acq: 1 Oct 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.0	11.3	16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF117285.D
 Acq: 1 Oct 2019 19:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.6	26.4
265	22.6	16.6	24.8

