

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117433.D
 Acq On : 17 Oct 2019 20:33
 Operator : JU
 Sample : K5394-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-15-E1-(0-20)

Quant Time: Oct 18 05:10:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

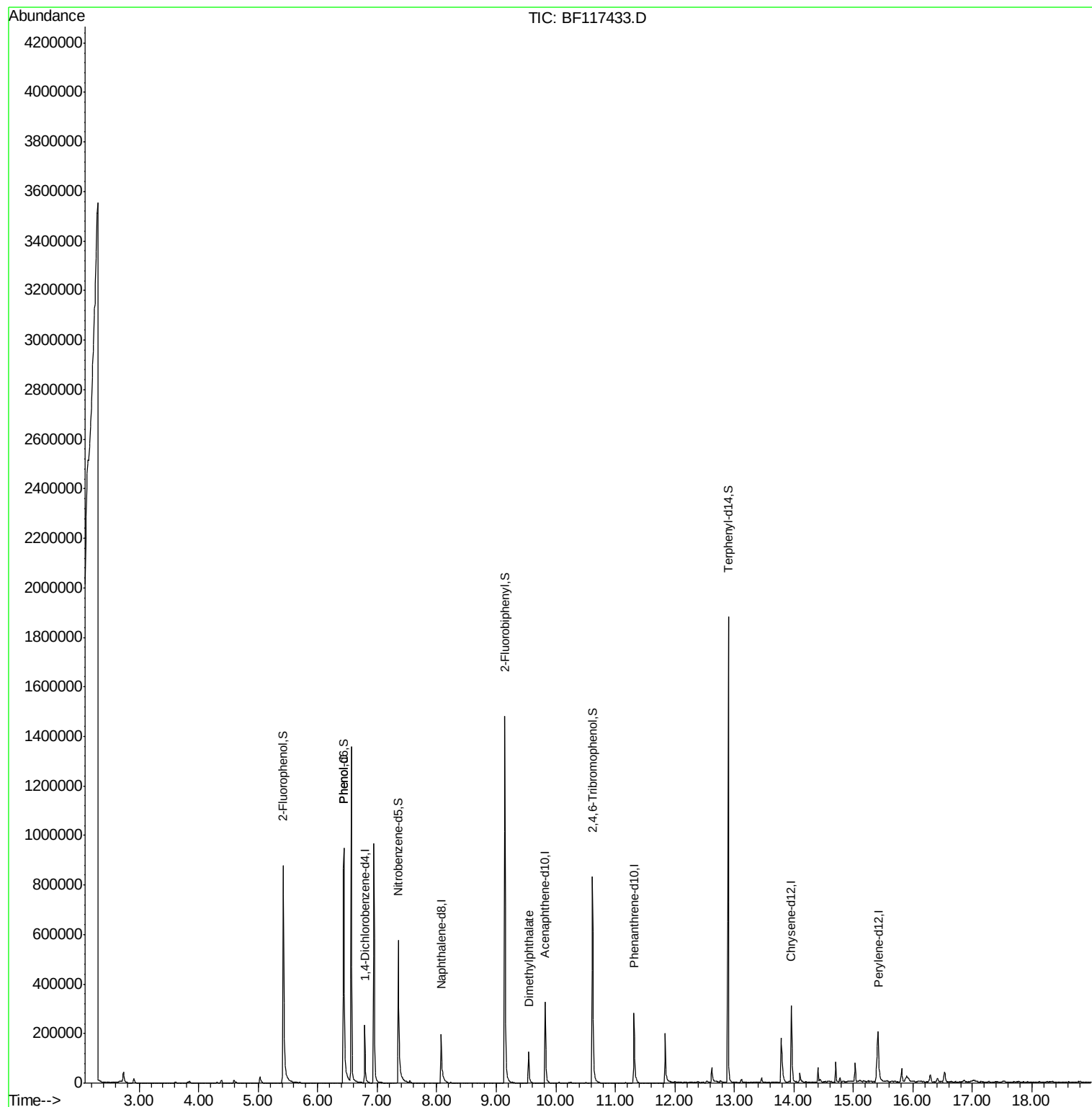
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	42884	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	169692	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	88097	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	153774	20.00	ng	0.00
76) Chrysene-d12	13.96	240	131588	20.00	ng	0.00
87) Perylene-d12	15.42	264	132191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	346041	124.16	ng	0.00
7) Phenol-d6	6.44	99	443481	119.92	ng	0.00
23) Nitrobenzene-d5	7.36	82	294838	88.07	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	108799	151.74	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	522905	86.53	ng	0.00
79) Terphenyl-d14	12.90	244	617350	76.48	ng	0.00
Target Compounds						
10) Phenol	6.45	94	10602	2.656	ng	# 55
50) Dimethylphthalate	9.55	163	71744	11.339	ng	# 97

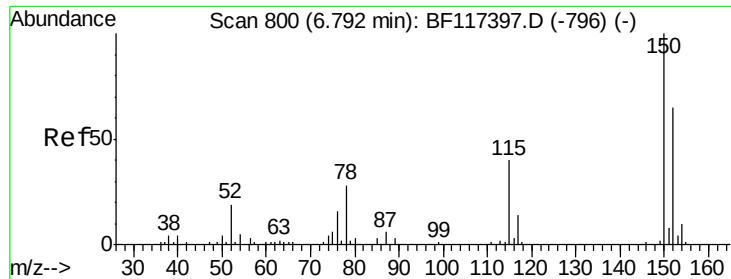
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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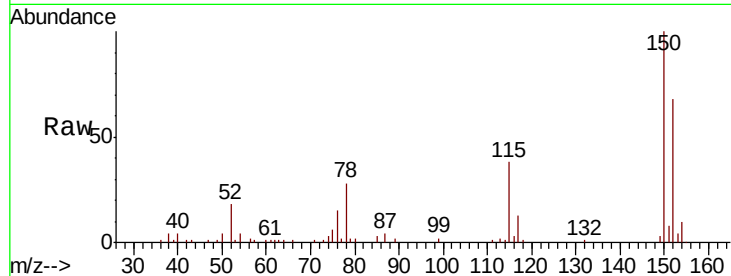


#1

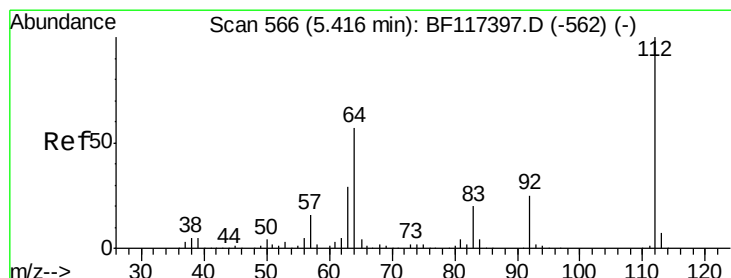
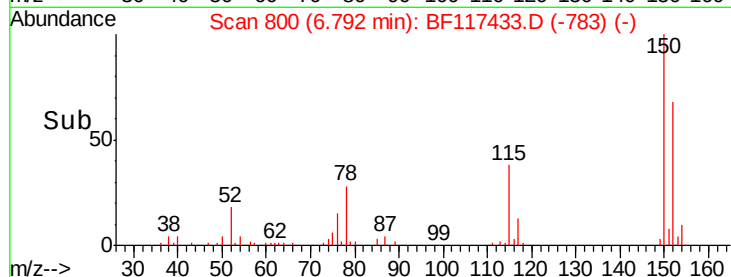
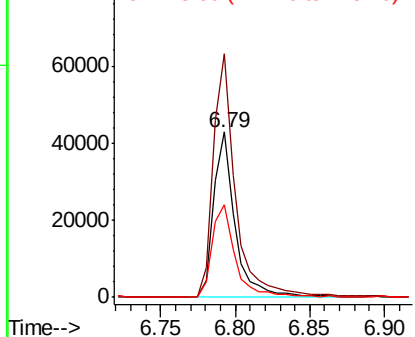
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

Instrument :
BNA_F
ClientSampleId :
T-15-E1-(0-20)

Tot Ion:152 Resp: 42884
Ion Ratio Lower Upper
152 100
150 147.4 122.7 184.1
115 55.9 48.6 73.0



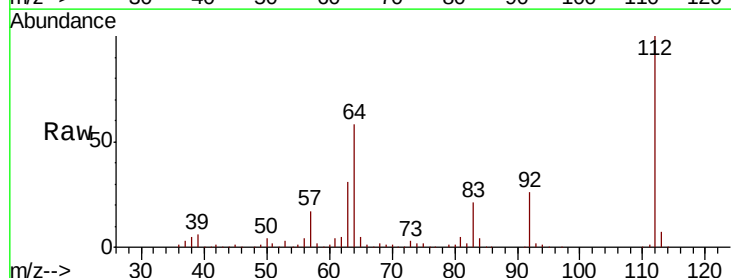
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



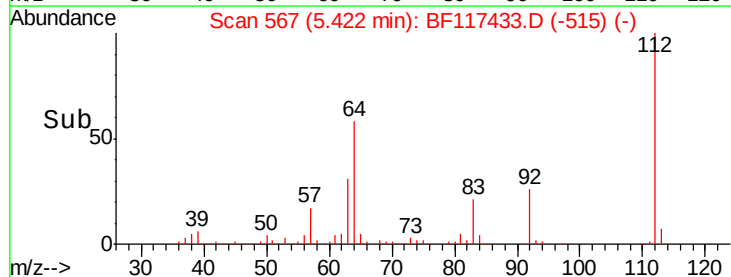
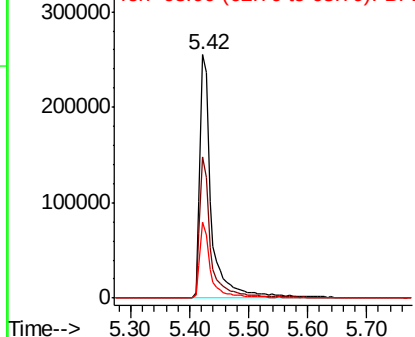
#5

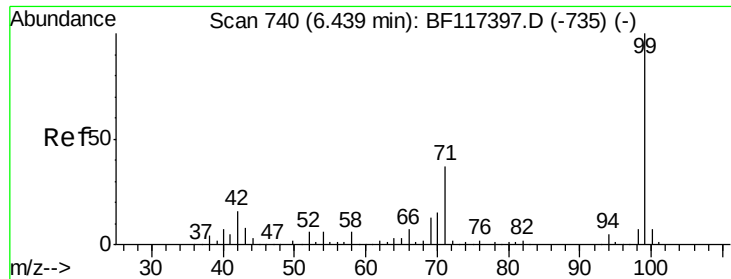
2-Fluorophenol
Concen: 124.156 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

Tgt Ion:112 Resp: 346041
Ion Ratio Lower Upper
112 100
64 58.0 45.2 67.8
63 31.0 23.4 35.2



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: 119.924 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117433.D

Acq: 17 Oct 2019 20:33

Instrument :

BNA_F

ClientSampleId :

T-15-E1-(0-20)

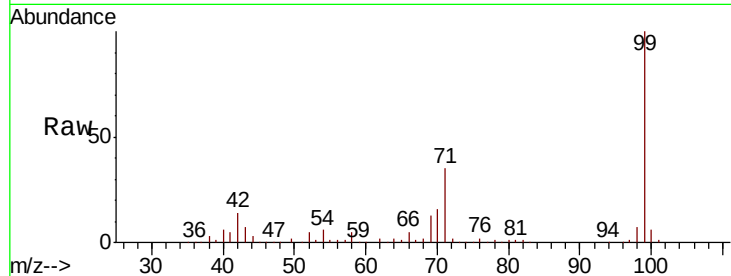
Tot Ion: 99 Resp: 443481

Ion Ratio Lower Upper

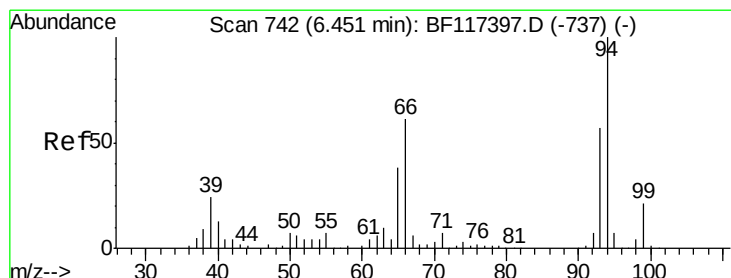
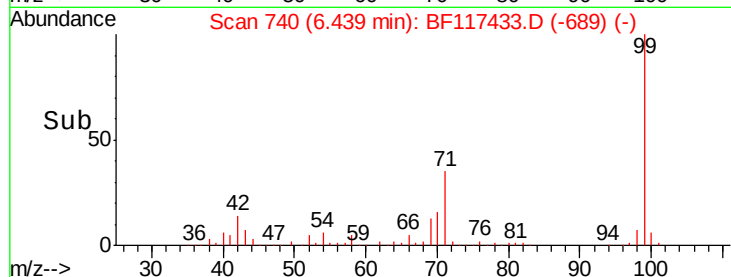
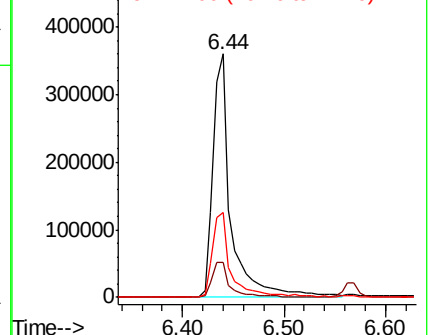
99 100

42 14.5 12.5 18.7

71 34.8 29.2 43.8



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



#10

Phenol

Concen: 2.656 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117433.D

Acq: 17 Oct 2019 20:33

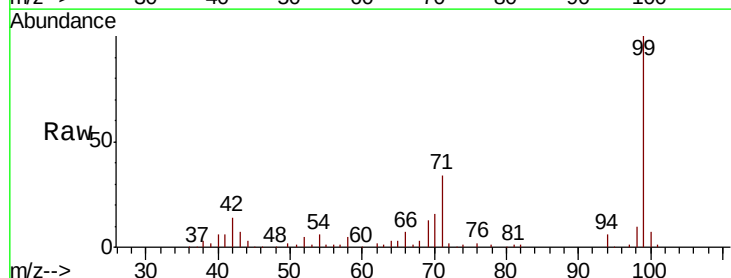
Tgt Ion: 94 Resp: 10602

Ion Ratio Lower Upper

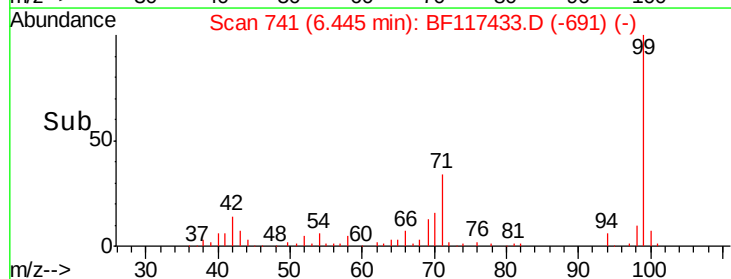
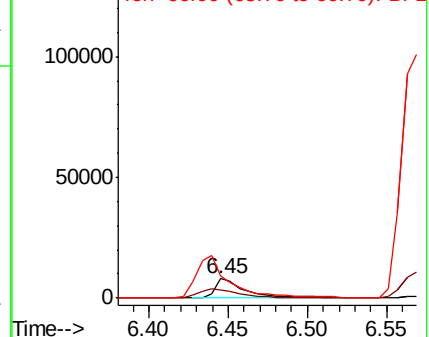
94 100

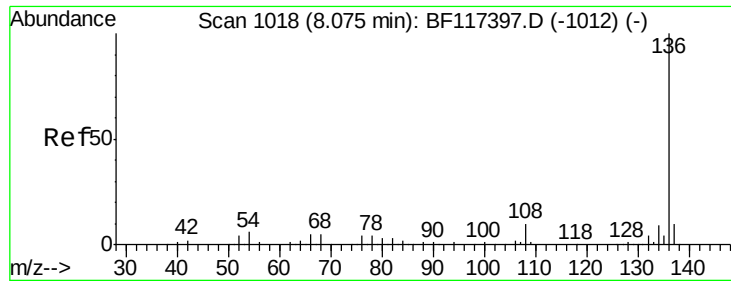
65 43.5 18.2 58.2

66 112.2 41.1 81.1#



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

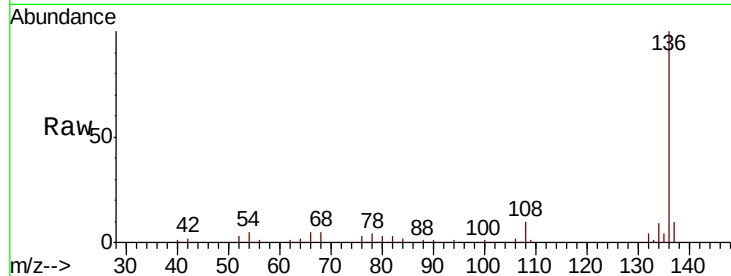




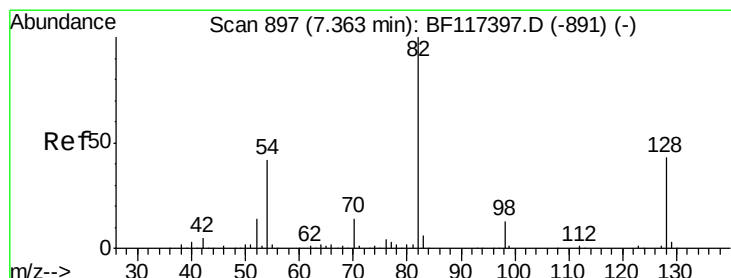
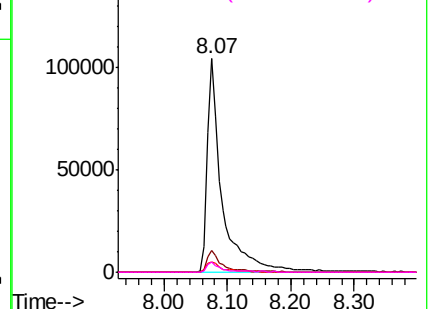
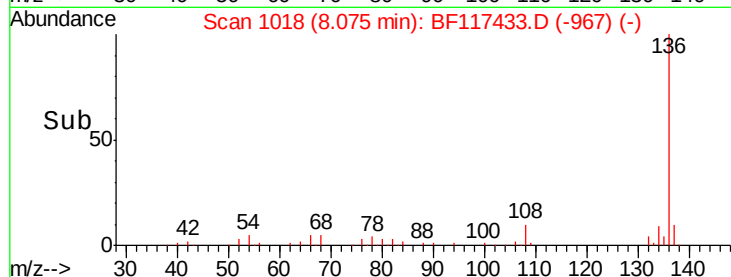
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

Instrument :
BNA_F
ClientSampleId :
T-15-E1-(0-20)

Tot Ion:136	Resp:	169692
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.4 12.6
54	5.1	4.6 6.8
68	5.1	3.8 5.8

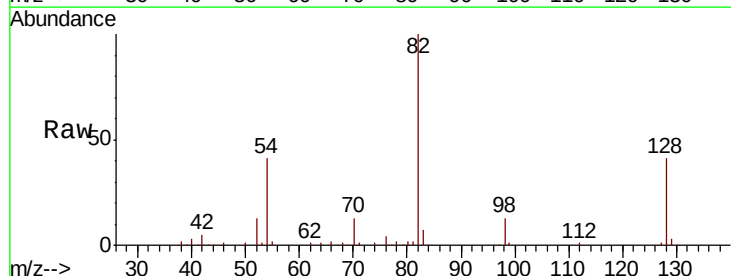


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

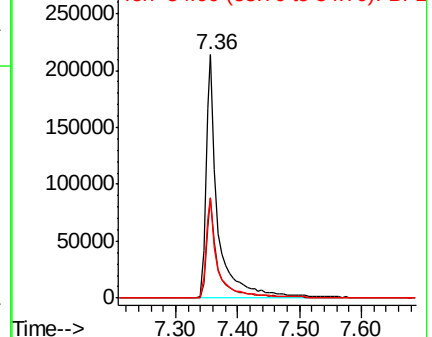
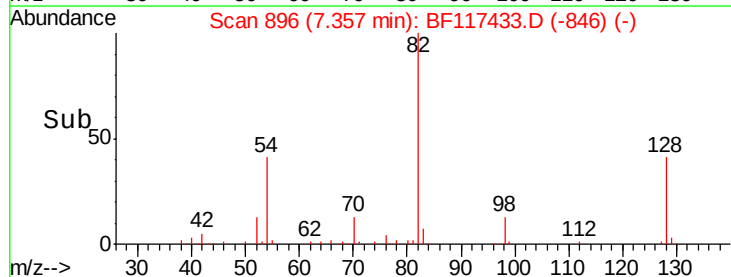


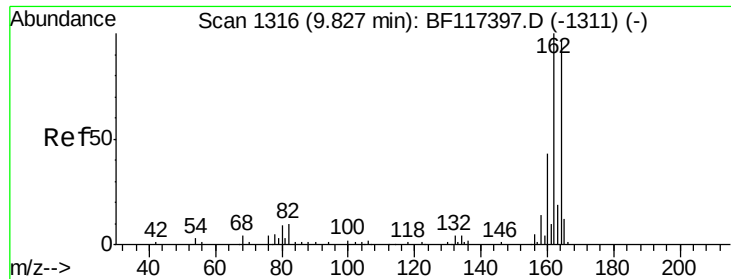
#23
Nitrobenzene-d5
Concen: 88.074 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

Tgt Ion: 82	Resp:	294838
Ion	Ratio	Lower Upper
82	100	
128	41.4	34.1 51.1
54	41.3	33.3 49.9



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

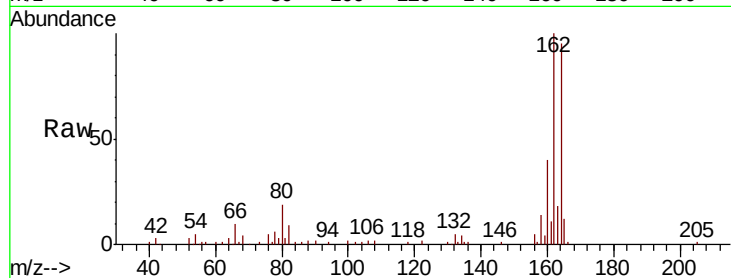




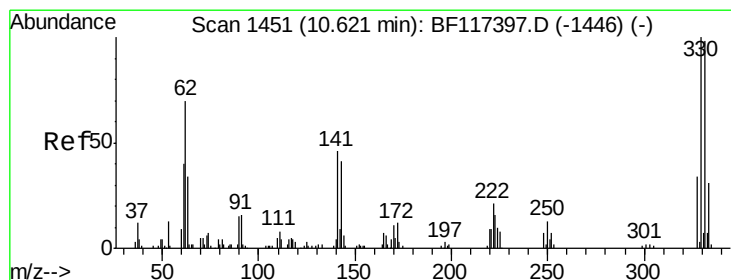
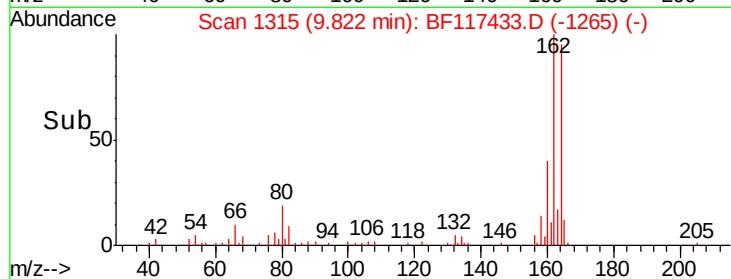
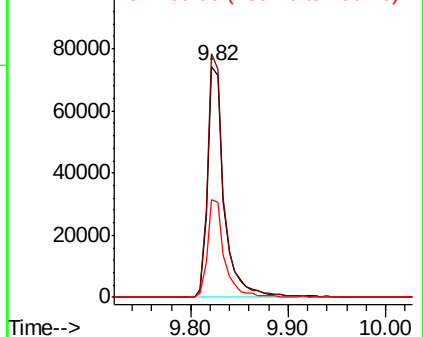
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

Instrument :
BNA_F
ClientSampleId :
T-15-E1-(0-20)

Tot Ion:164 Resp: 88097
Ion Ratio Lower Upper
164 100
162 105.4 82.4 123.6
160 42.4 35.4 53.0

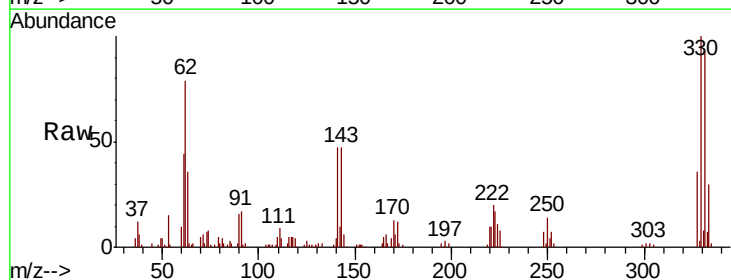


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

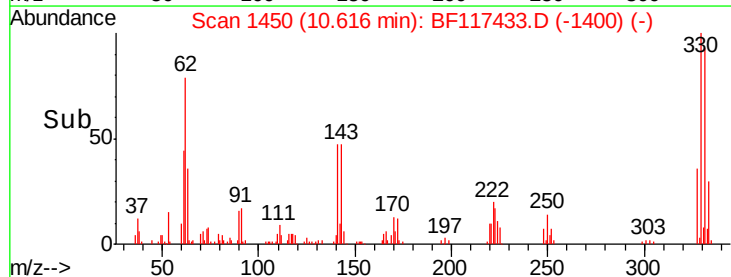
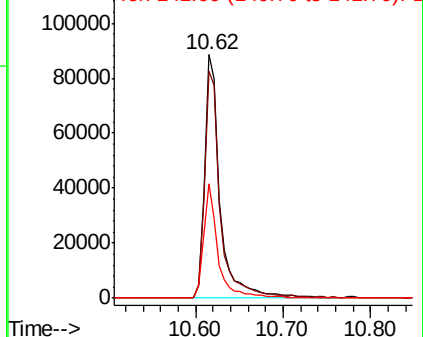


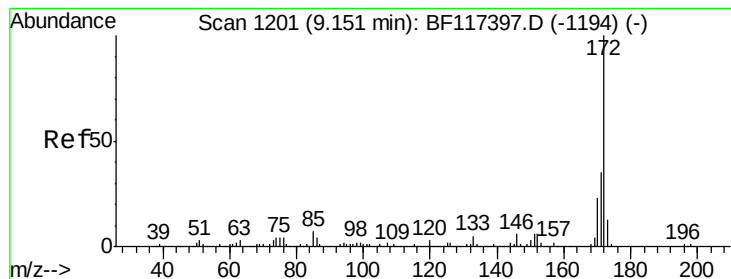
#42
2,4,6-Tribromophenol
Concen: 151.744 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

Tgt Ion:330 Resp: 108799
Ion Ratio Lower Upper
330 100
332 94.9 75.0 112.6
141 43.2 34.2 51.4



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: 86.533 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF117433.D

Acq: 17 Oct 2019 20:33

Instrument :

BNA_F

ClientSampleId :

T-15-E1-(0-20)

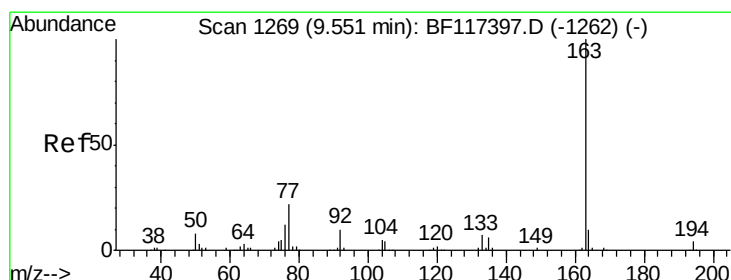
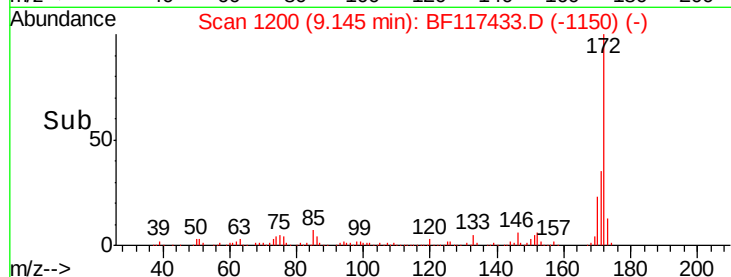
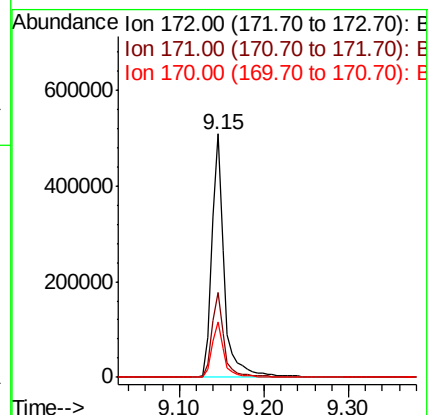
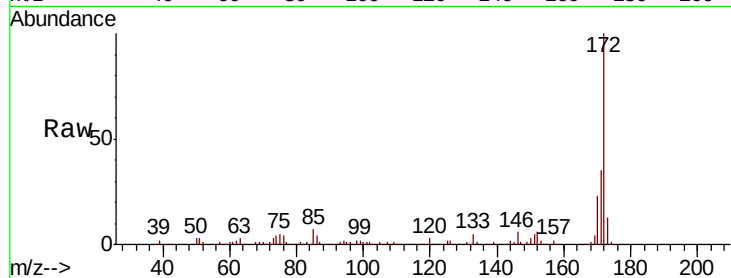
Tot Ion:172 Resp: 522905

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 22.9 18.2 27.2



#50

Dimethylphthalate

Concen: 11.339 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF117433.D

Acq: 17 Oct 2019 20:33

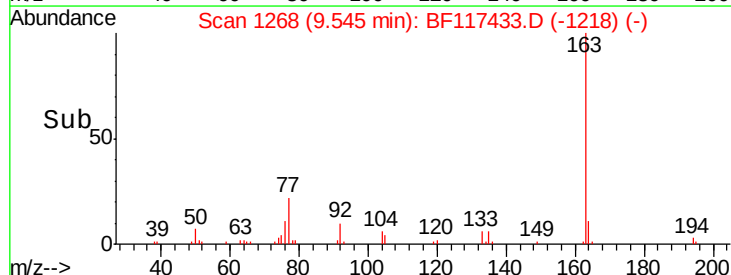
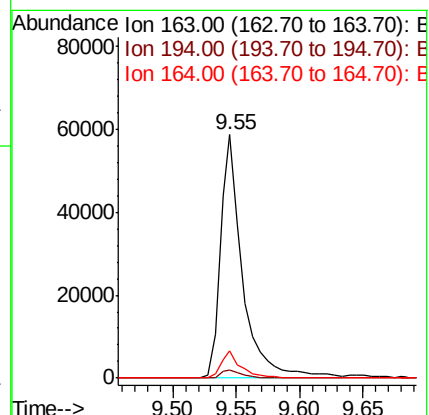
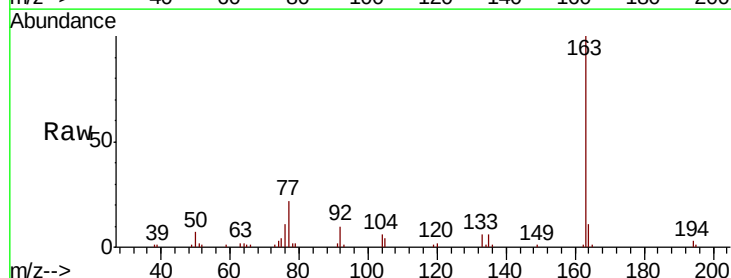
Tgt Ion:163 Resp: 71744

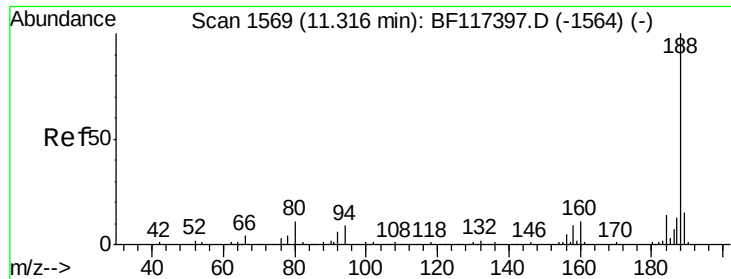
Ion Ratio Lower Upper

163 100

194 3.1 3.1 4.7#

164 11.1 8.0 12.0

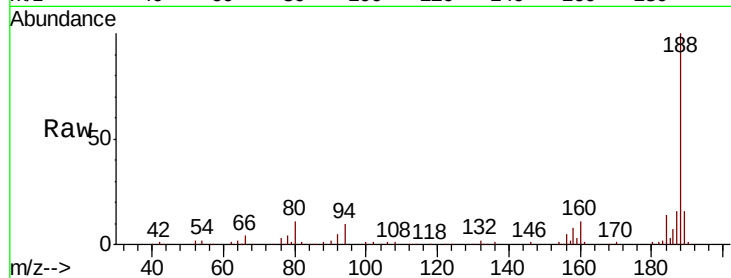




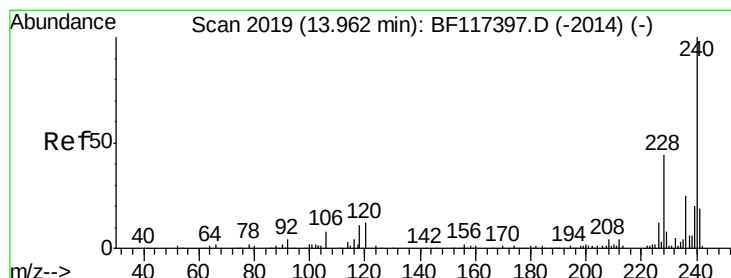
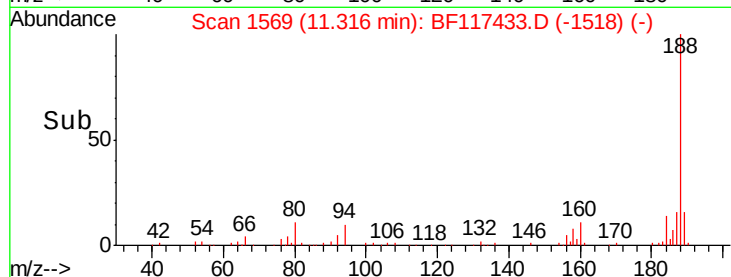
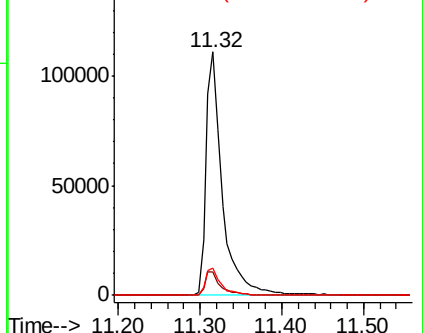
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

Instrument :
BNA_F
ClientSampleId :
T-15-E1-(0-20)

Tot Ion:188 Resp: 153774
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 11.4 8.7 13.1

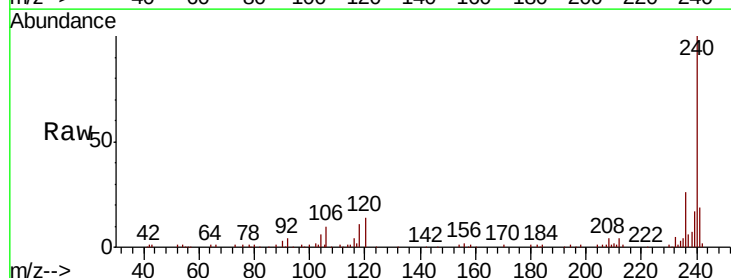


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

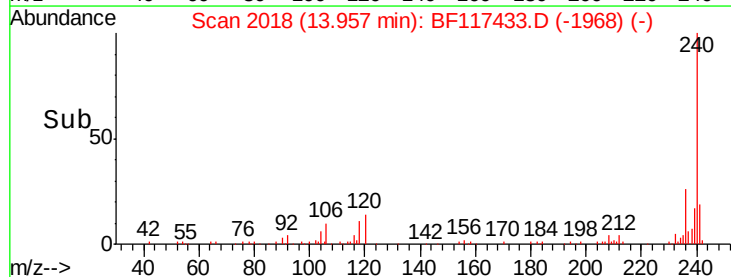
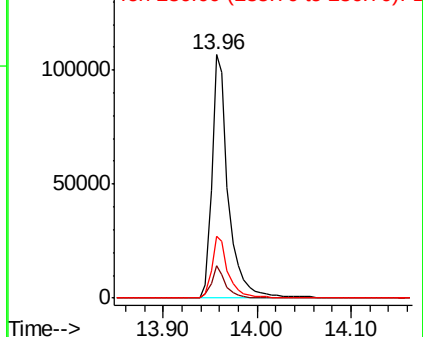


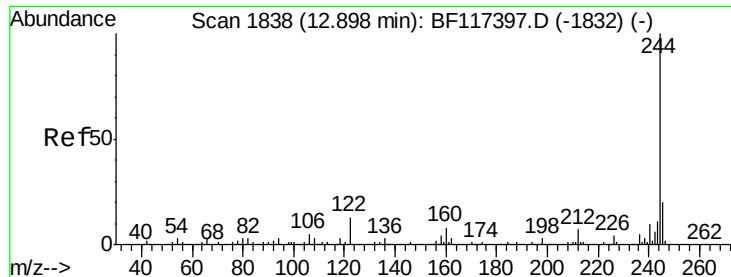
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

Tgt Ion:240 Resp: 131588
Ion Ratio Lower Upper
240 100
120 13.6 9.4 14.0
236 25.5 19.8 29.6



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

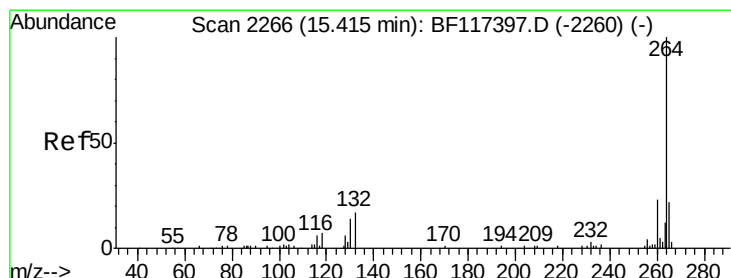
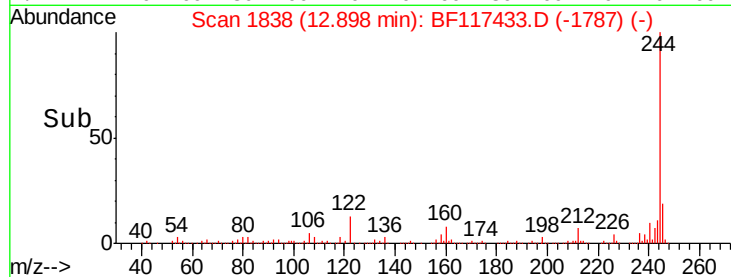
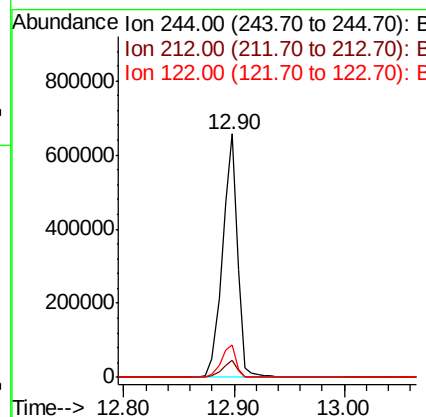
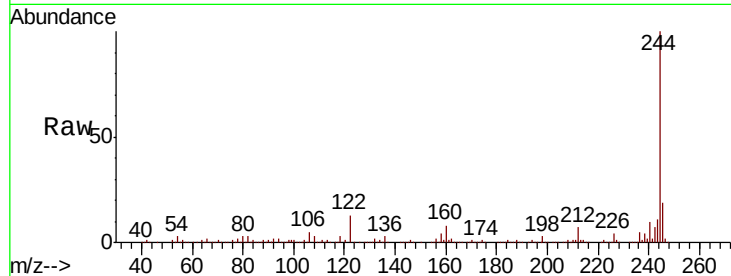




#79
 Terphenyl-d14
 Concen: 76.480 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117433.D
 Acq: 17 Oct 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 T-15-E1-(0-20)

Tot Ion:244 Resp: 617350
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 13.2 10.7 16.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BF117433.D
 Acq: 17 Oct 2019 20:33

Tgt Ion:264 Resp: 132191
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 20.9 17.4 26.0

