

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117625.D
 Acq On : 30 Oct 2019 15:32
 Operator : JU
 Sample : K5539-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 161-78-(0-1.1)

Quant Time: Oct 31 03:14:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

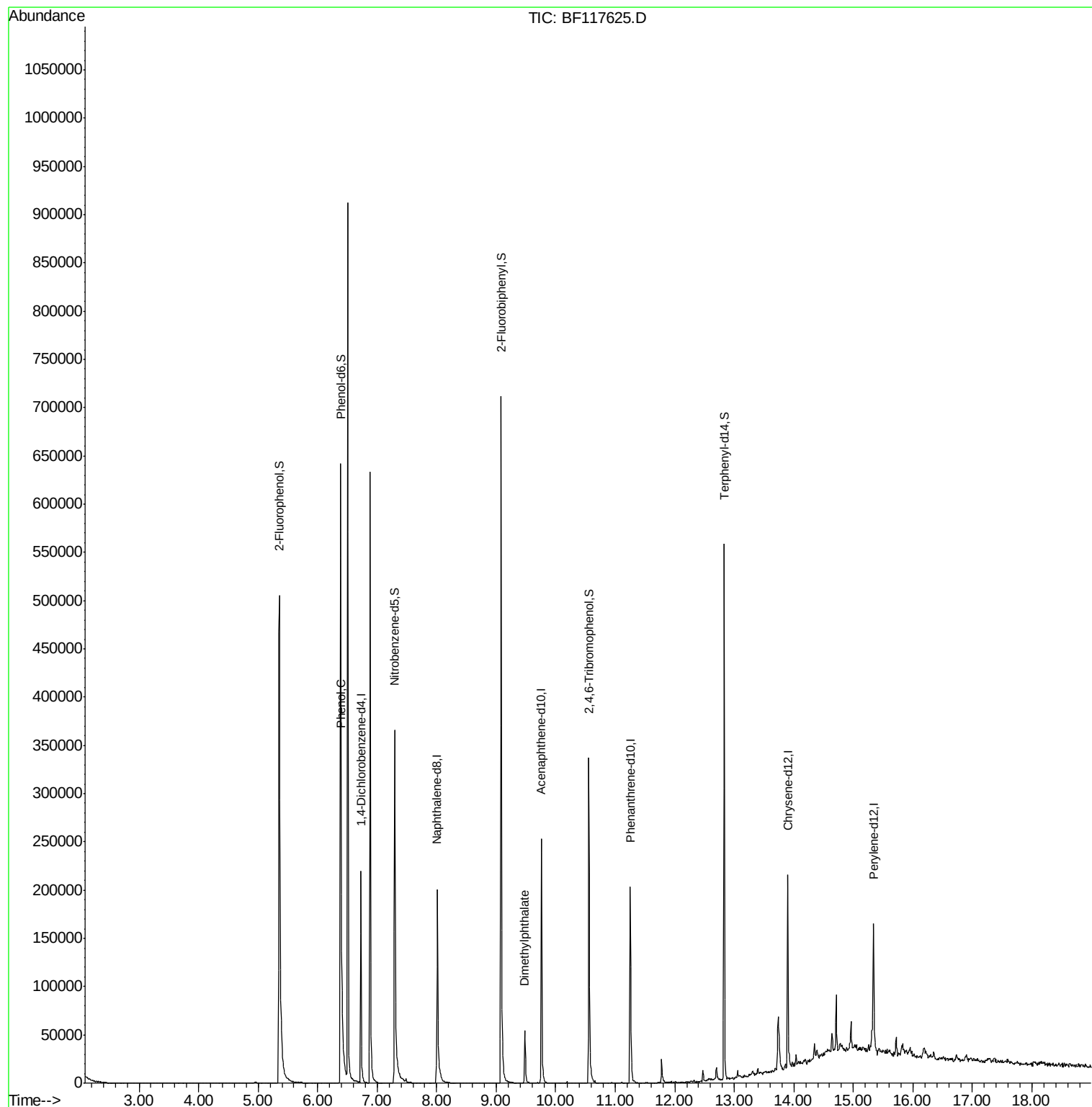
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	36097	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	140346	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	65994	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	96321	20.00	ng	0.00
76) Chrysene-d12	13.90	240	73581	20.00	ng	0.00
87) Perylene-d12	15.34	264	65764	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	229637	94.64	ng	0.00
7) Phenol-d6	6.39	99	321764	98.73	ng	0.00
23) Nitrobenzene-d5	7.29	82	189691	66.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	45218	79.19	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	254421	54.32	ng	-0.01
79) Terphenyl-d14	12.83	244	178936	39.67	ng	0.00
Target Compounds						
10) Phenol	6.40	94	11760	3.536	ng	93
50) Dimethylphthalate	9.48	163	31401	6.674	ng	# 96

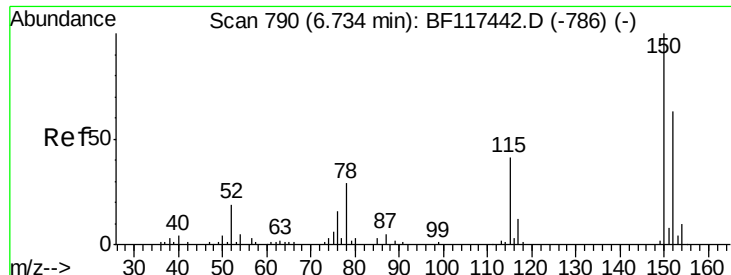
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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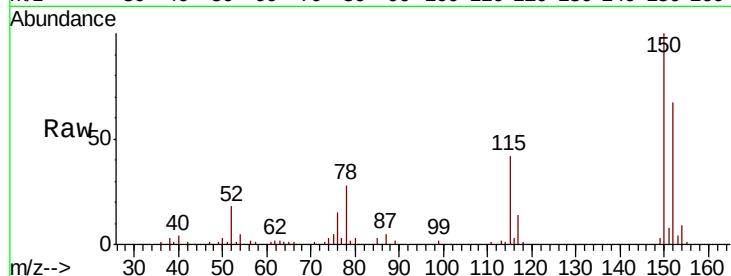


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117625.D
Acq: 30 Oct 2019 15:32

Instrument :
BNA_F
ClientSampleId :
161-78-(0-1.1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	126.8	190.2
115	62.4	51.6	77.4

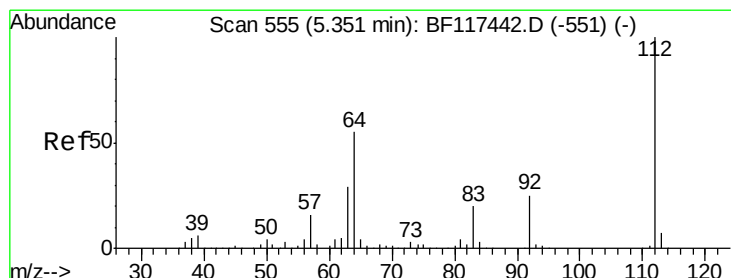
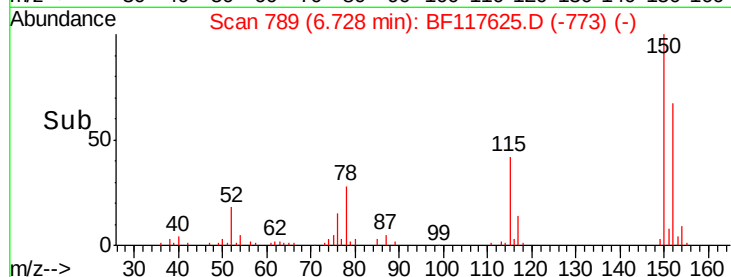
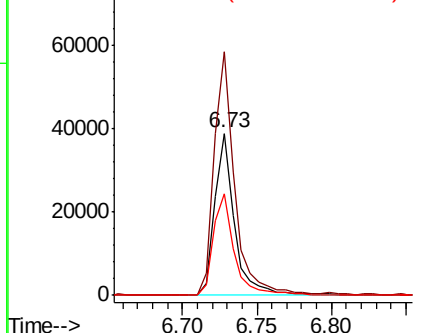


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

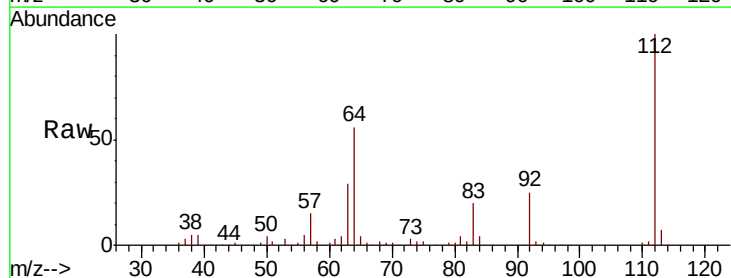
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.643 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117625.D
Acq: 30 Oct 2019 15:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.1	66.1
63	28.6	23.4	35.2

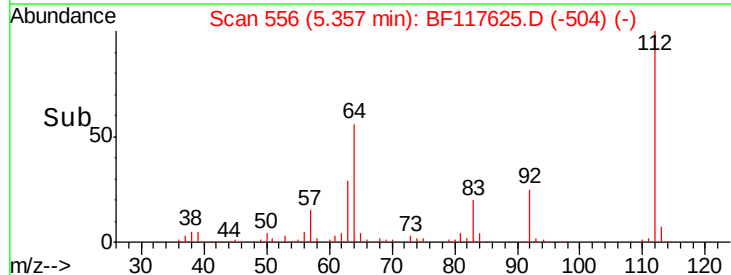
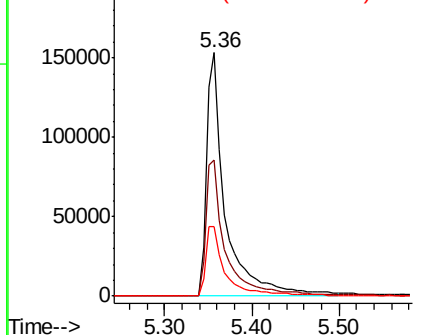


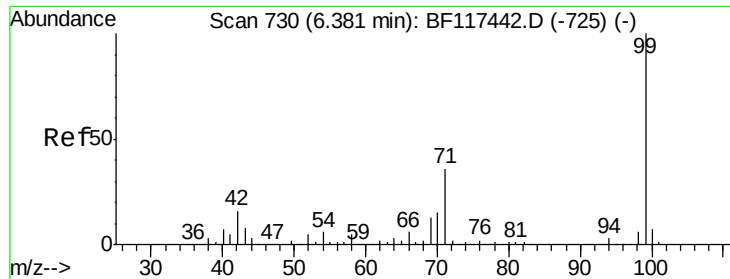
Abundance

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: 98.735 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117625.D

Acq: 30 Oct 2019 15:32

Instrument :

BNA_F

ClientSampleId :

161-78-(0-1.1)

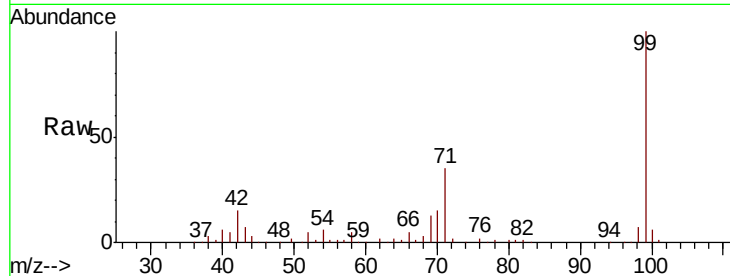
Tot Ion: 99 Resp: 321764

Ion Ratio Lower Upper

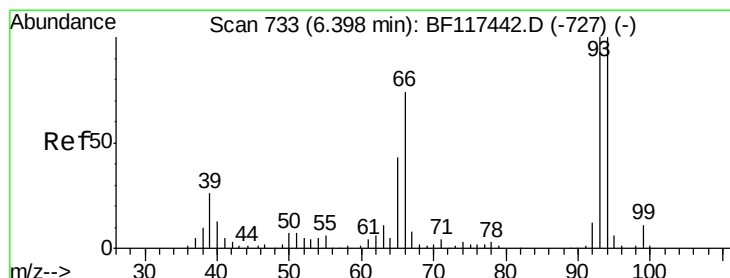
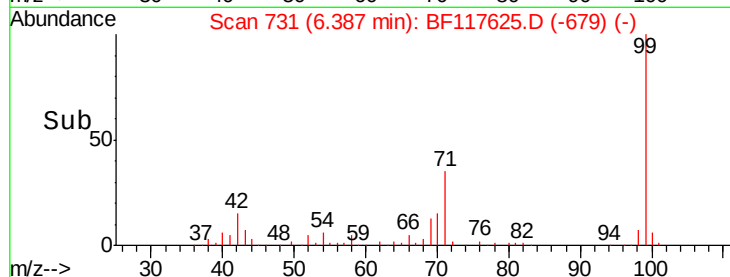
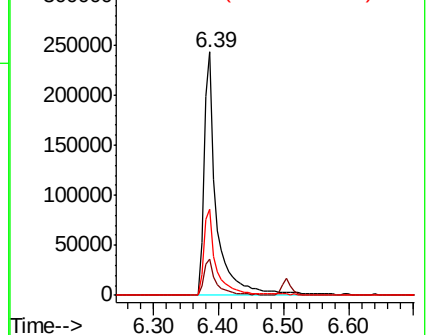
99 100

42 14.7 12.8 19.2

71 35.5 28.6 43.0



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: 3.536 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF117625.D

Acq: 30 Oct 2019 15:32

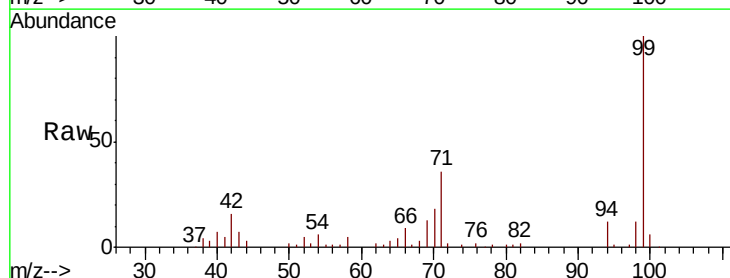
Tgt Ion: 94 Resp: 11760

Ion Ratio Lower Upper

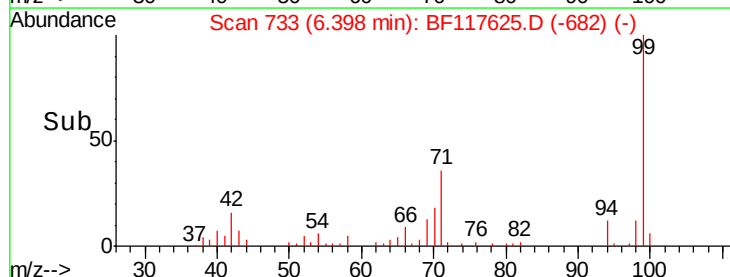
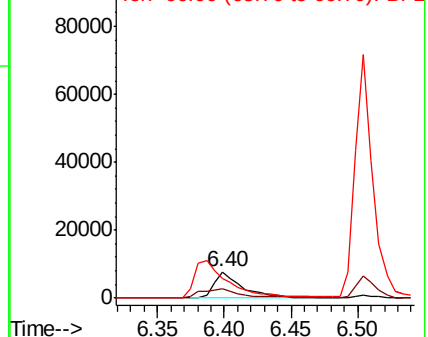
94 100

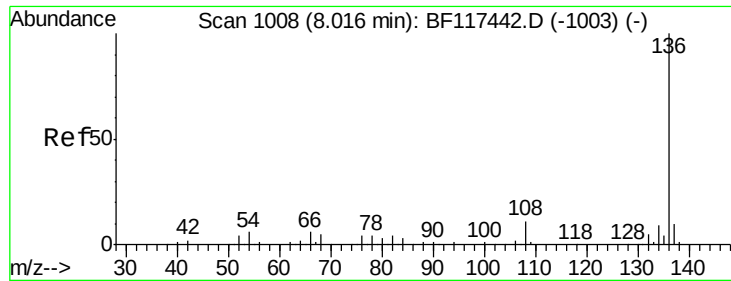
65 33.8 23.4 63.4

66 72.4 54.7 94.7



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

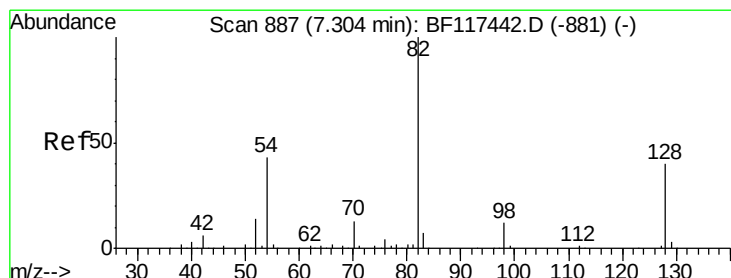
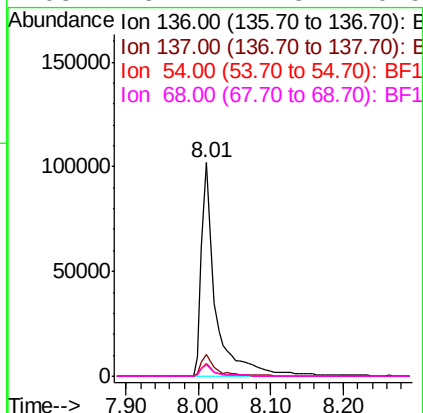
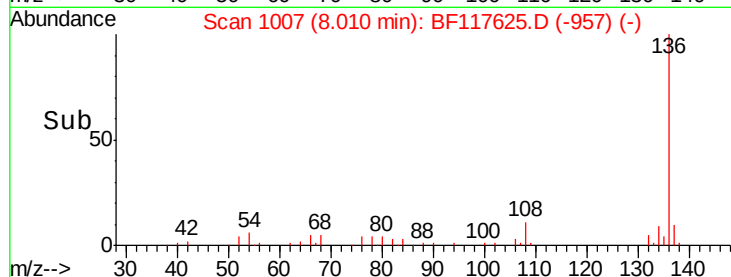
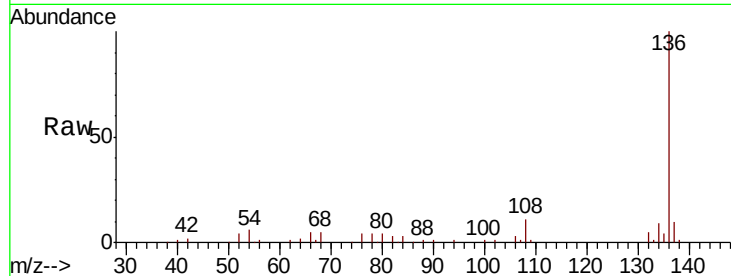




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117625.D
Acq: 30 Oct 2019 15:32

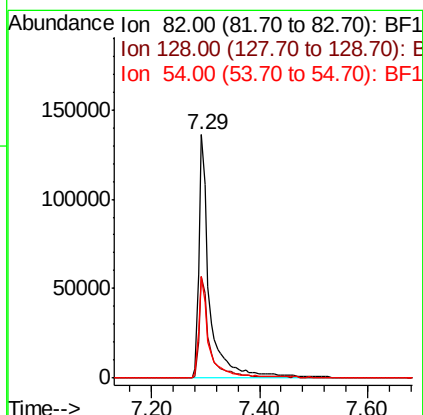
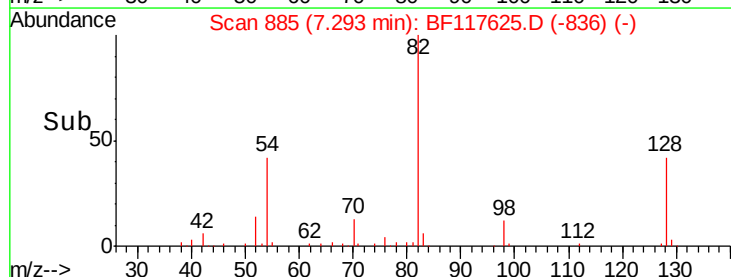
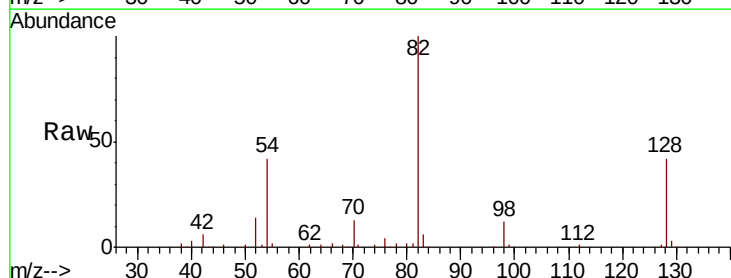
Instrument :
BNA_F
ClientSampleId :
161-78-(0-1.1)

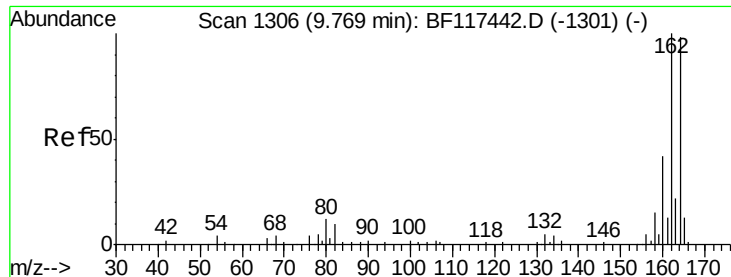
Tot Ion:	136	Resp:	140346
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	6.1	4.5	6.7
68	5.4	4.3	6.5



#23
Nitrobenzene-d5
Concen: 66.725 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117625.D
Acq: 30 Oct 2019 15:32

Tgt Ion:	82	Resp:	189691
Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.2	48.2
54	41.7	34.2	51.2

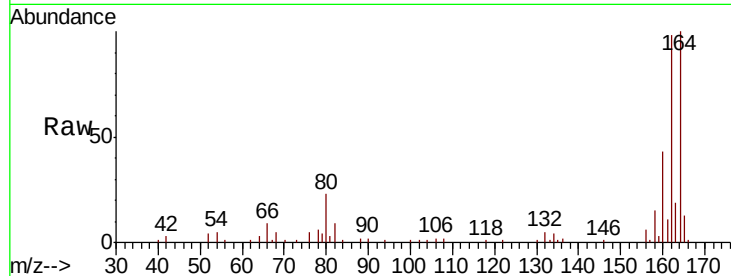




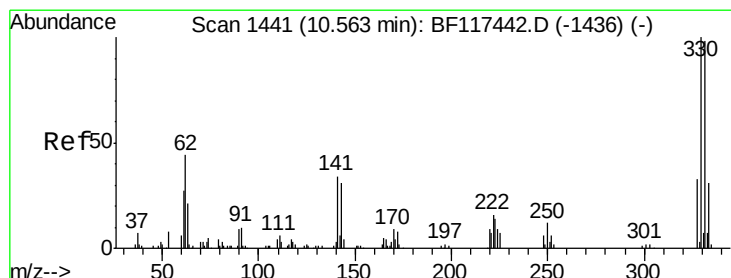
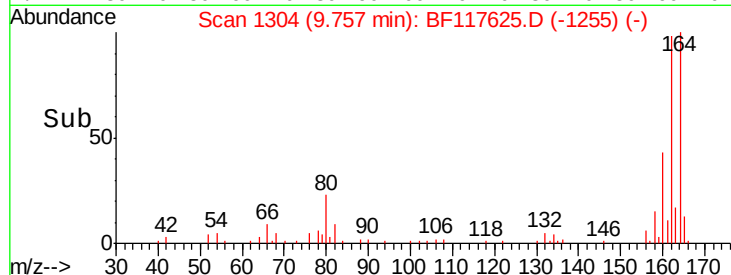
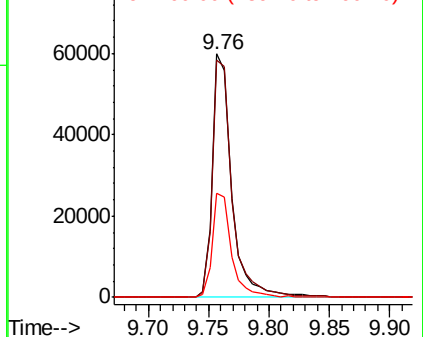
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117625.D
Acq: 30 Oct 2019 15:32

Instrument :
BNA_F
ClientSampleId :
161-78-(0-1.1)

Tot Ion:164 Resp: 65994
Ion Ratio Lower Upper
164 100
162 97.7 81.8 122.6
160 42.7 34.4 51.6

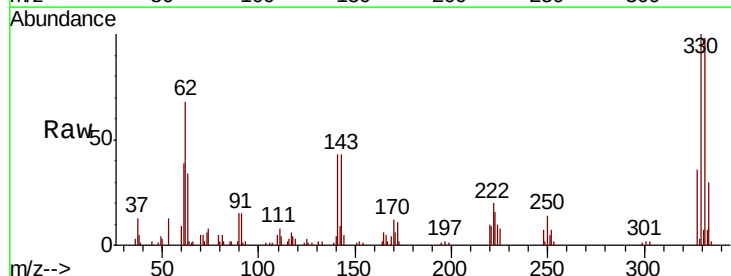


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

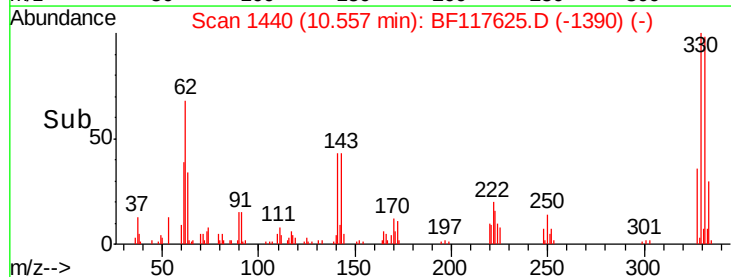
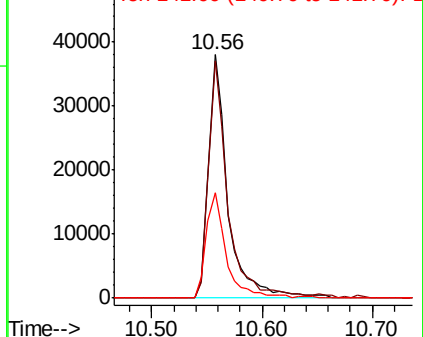


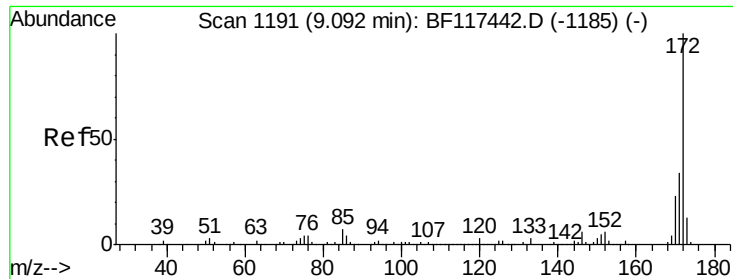
#42
2,4,6-Tribromophenol
Concen: 79.188 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117625.D
Acq: 30 Oct 2019 15:32

Tgt Ion:330 Resp: 45218
Ion Ratio Lower Upper
330 100
332 97.9 78.5 117.7
141 44.6 37.0 55.6



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

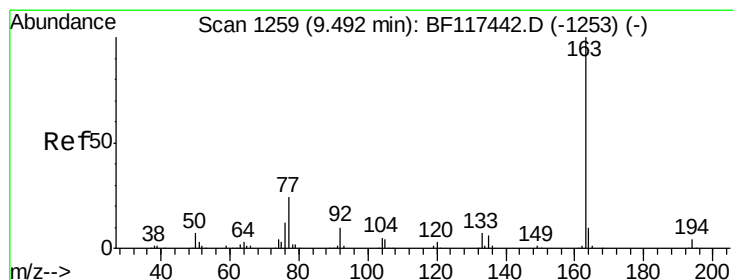
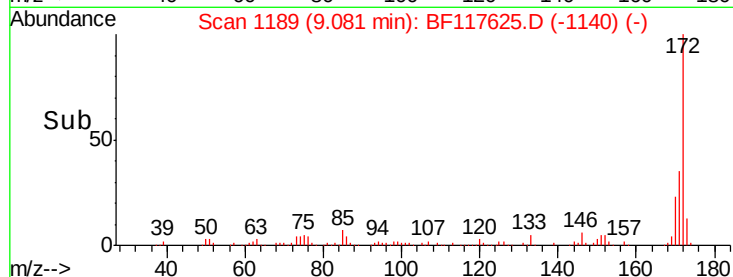
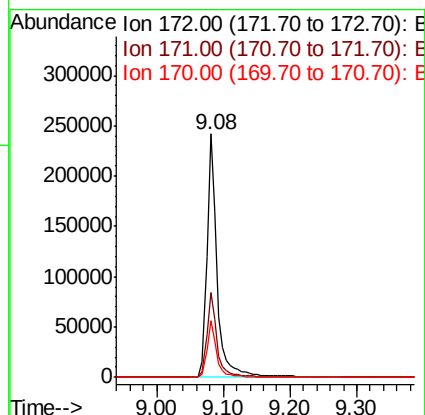
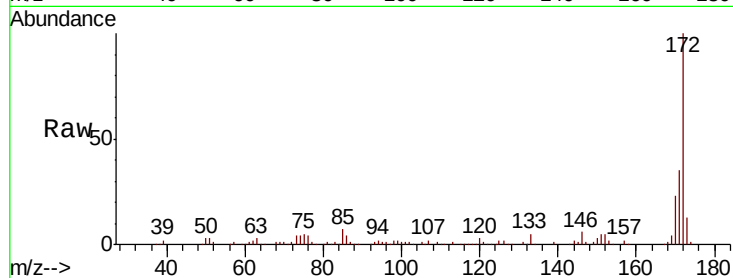




#45
2-Fluorobiphenyl
Concen: 54.320 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117625.D
Acq: 30 Oct 2019 15:32

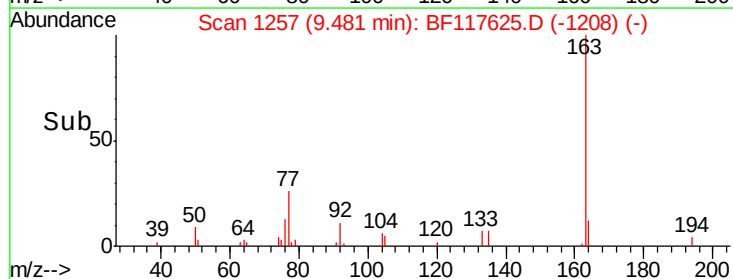
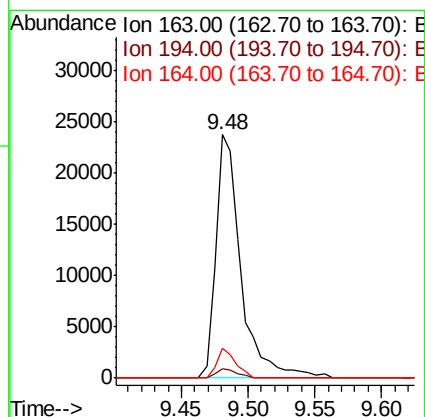
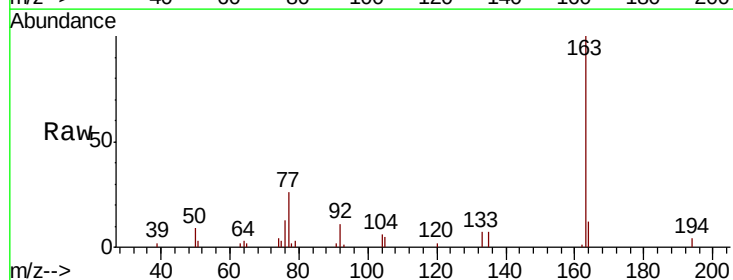
Instrument :
BNA_F
ClientSampleId :
161-78-(0-1.1)

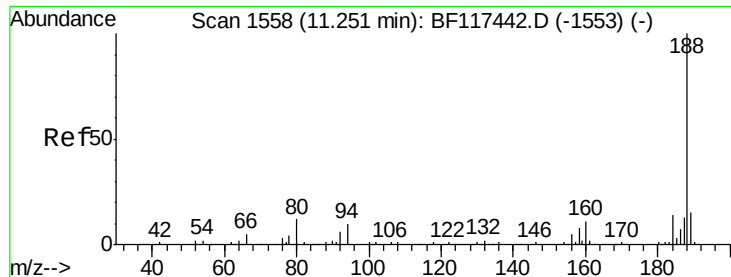
Tot Ion:172 Resp: 254421
Ion Ratio Lower Upper
172 100
171 34.6 27.5 41.3
170 23.1 18.6 27.8



#50
Dimethylphthalate
Concen: 6.674 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117625.D
Acq: 30 Oct 2019 15:32

Tgt Ion:163 Resp: 31401
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 12.3 8.2 12.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF117625.D

Acq: 30 Oct 2019 15:32

Instrument :

BNA_F

ClientSampleId :

161-78-(0-1.1)

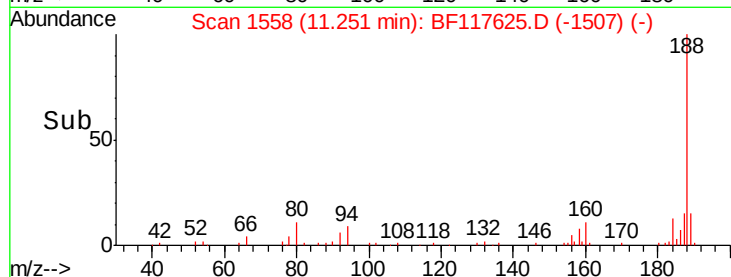
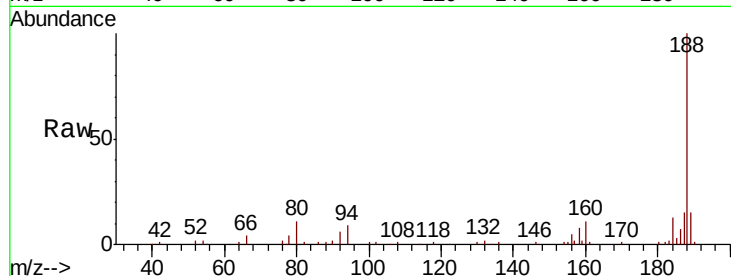
Tot Ion:188 Resp: 96321

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

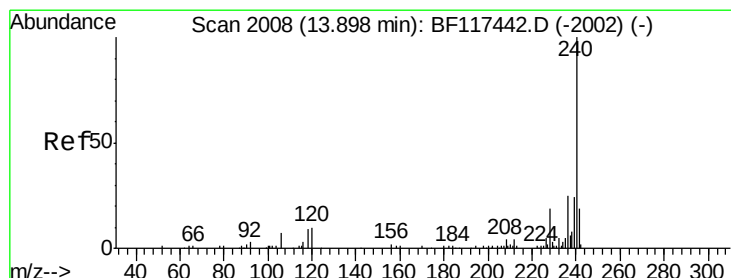
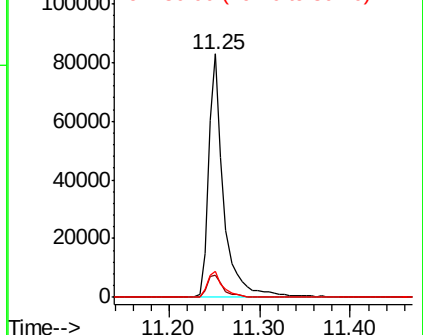
80 10.6 9.5 14.3



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: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF117625.D

Acq: 30 Oct 2019 15:32

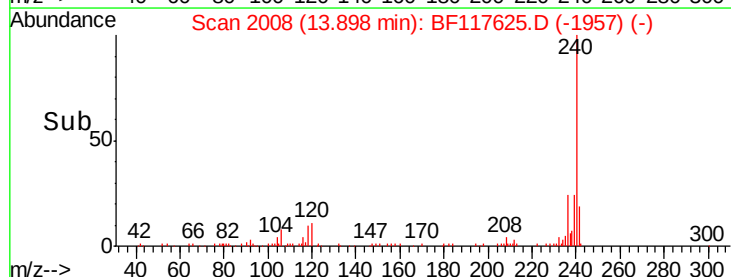
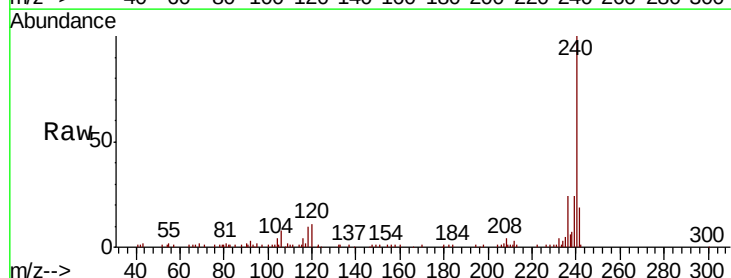
Tgt Ion:240 Resp: 73581

Ion Ratio Lower Upper

240 100

120 11.1 8.4 12.6

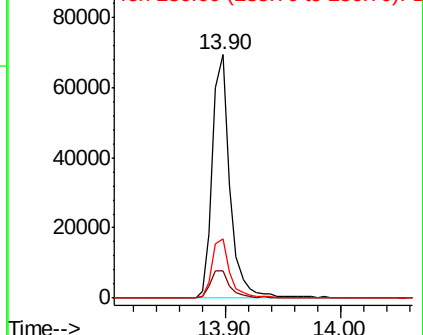
236 24.2 20.0 30.0

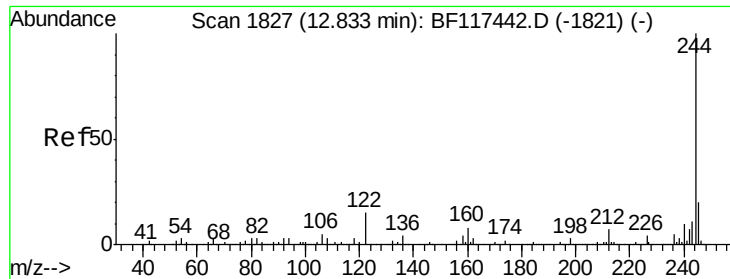


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

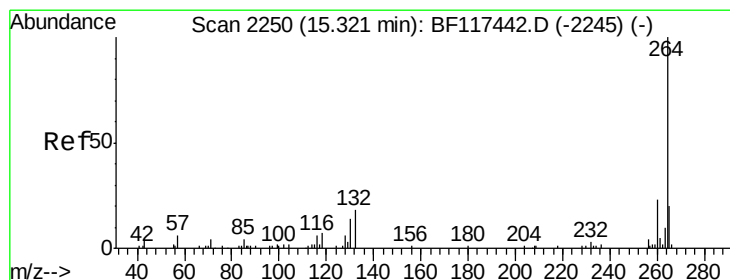
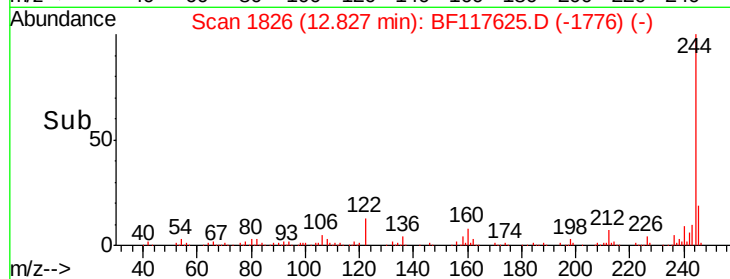
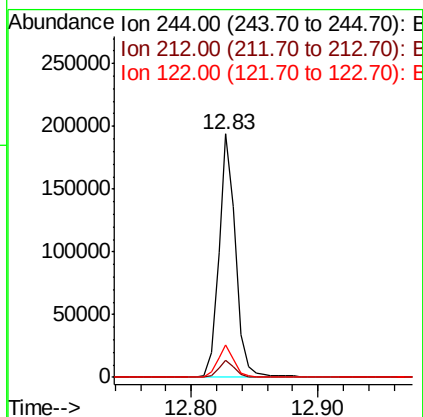
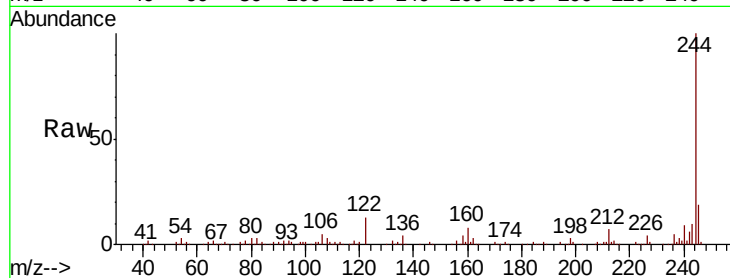




#79
 Terphenyl-d14
 Concen: 39.666 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117625.D
 Acq: 30 Oct 2019 15:32

Instrument :
 BNA_F
 ClientSampleId :
 161-78-(0-1.1)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.1	11.8	17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. 0.02 min
 Lab File: BF117625.D
 Acq: 30 Oct 2019 15:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.4	27.6
265	21.0	16.1	24.1

