

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
 Data File : BF117551.D
 Acq On : 25 Oct 2019 22:00
 Operator : JU
 Sample : K5501-19 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 182-66-(0-2)

Quant Time: Oct 26 00:14:40 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

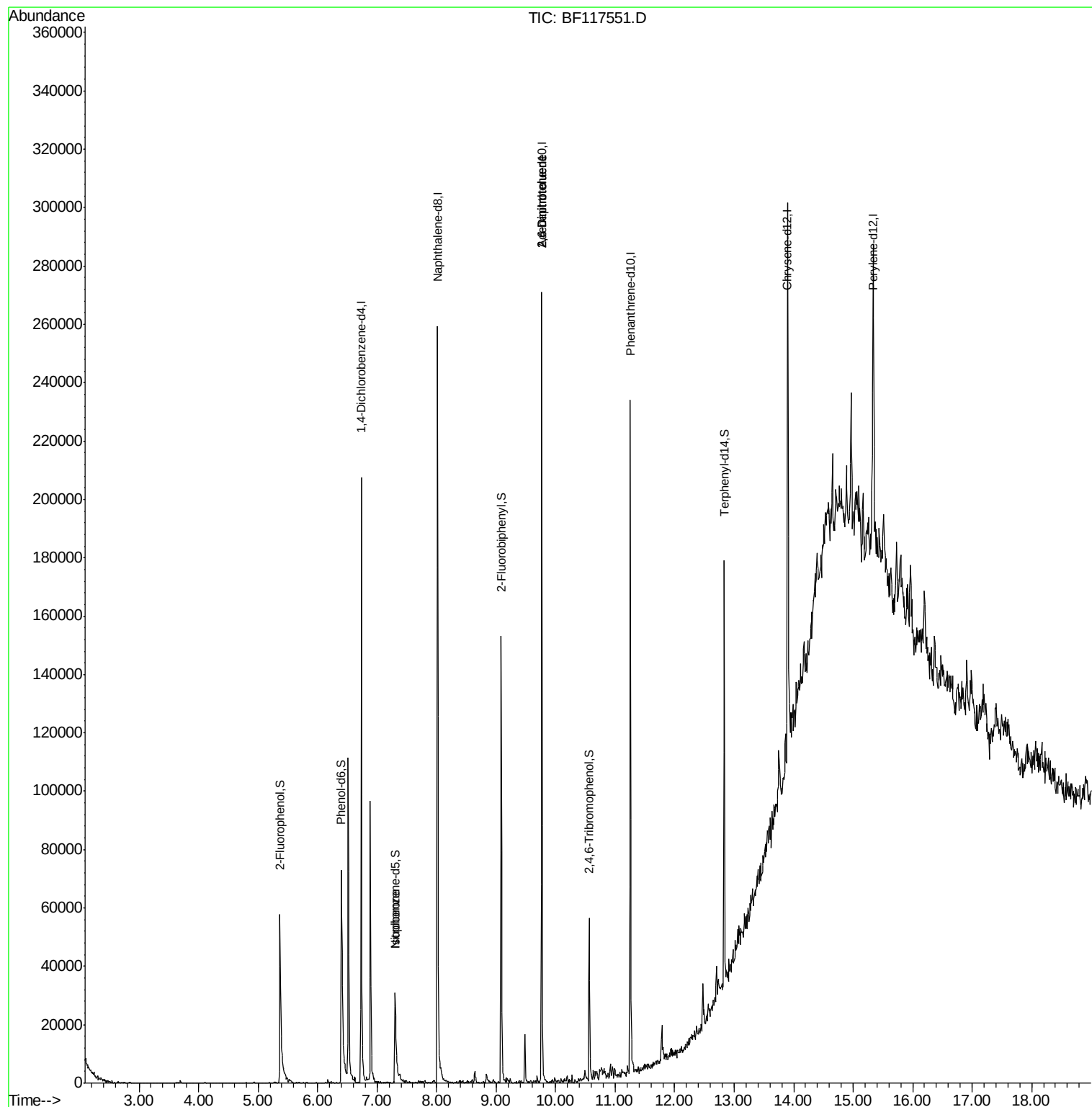
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	35071	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	133998	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	58575	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	93602	20.00	ng	0.00
76) Chrysene-d12	13.90	240	60981	20.00	ng	0.00
87) Perylene-d12	15.34	264	46675	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	33718	14.30	ng	0.02
7) Phenol-d6	6.40	99	45926	14.50	ng	0.02
23) Nitrobenzene-d5	7.30	82	22723	8.37	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	7029	13.87	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	48652	11.70	ng	0.00
79) Terphenyl-d14	12.83	244	42556	11.38	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	818	Below Cal	#	57
25) Isophorone	7.30	82	22723	4.839 ng	#	65
51) 2,6-Dinitrotoluene	9.77	165	7686	8.820 ng	#	22
57) 2,4-Dinitrotoluene	9.77	165	7686	6.634 ng	#	12
77) Benzidine	12.83	184	602	Below Cal	#	67

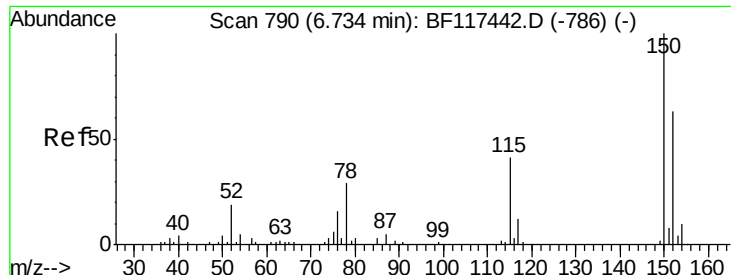
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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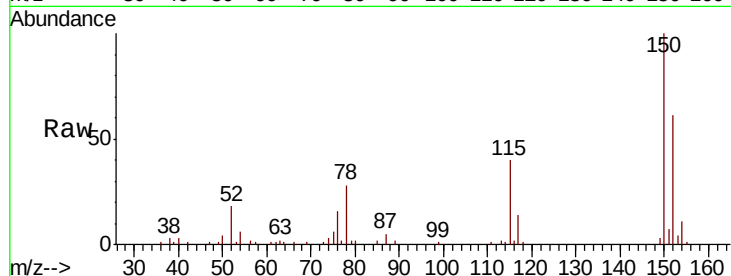


#1

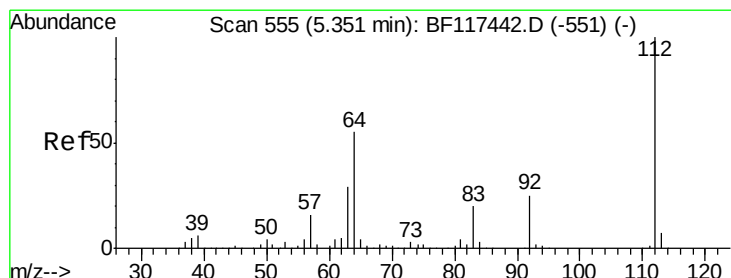
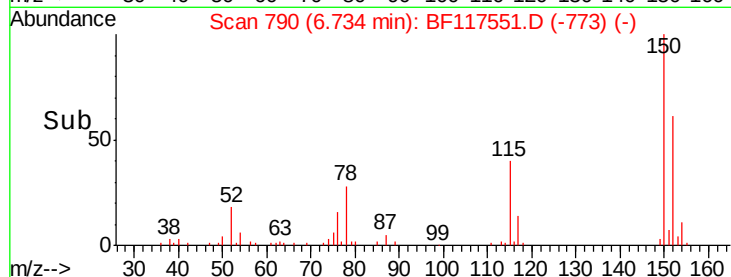
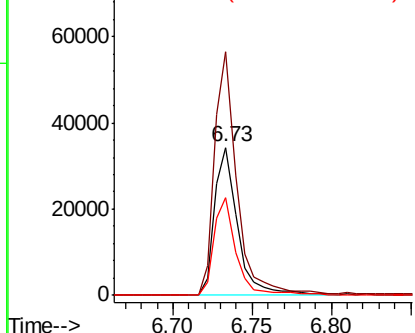
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117551.D
Acq: 25 Oct 2019 22:00

Instrument :
BNA_F
ClientSampleId :
182-66-(0-2)

Tot Ion:152 Resp: 35071
Ion Ratio Lower Upper
152 100
150 164.8 126.8 190.2
115 66.3 51.6 77.4



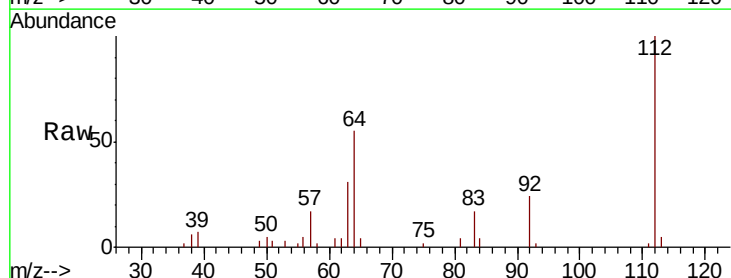
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



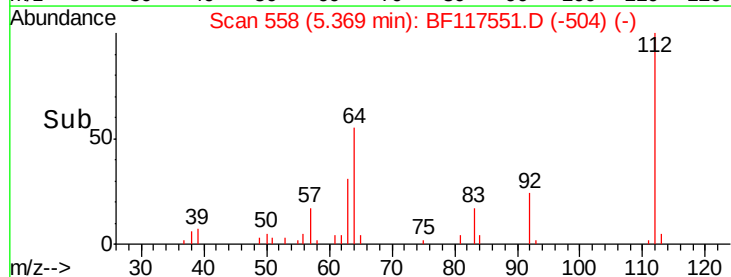
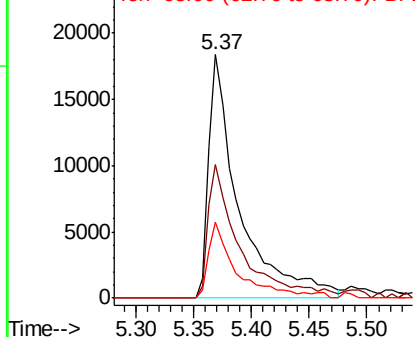
#5

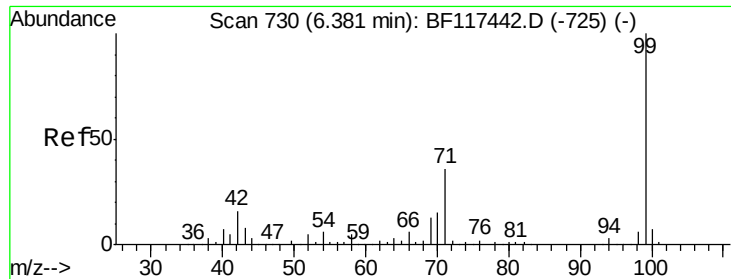
2-Fluorophenol
Concen: 14.303 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF117551.D
Acq: 25 Oct 2019 22:00

Tgt Ion:112 Resp: 33718
Ion Ratio Lower Upper
112 100
64 55.0 44.1 66.1
63 31.1 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: 14.505 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF117551.D

Acq: 25 Oct 2019 22:00

Instrument :

BNA_F

ClientSampleId :

182-66-(0-2)

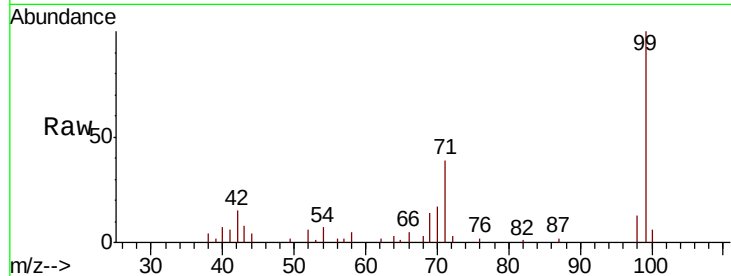
Tot Ion: 99 Resp: 45926

Ion Ratio Lower Upper

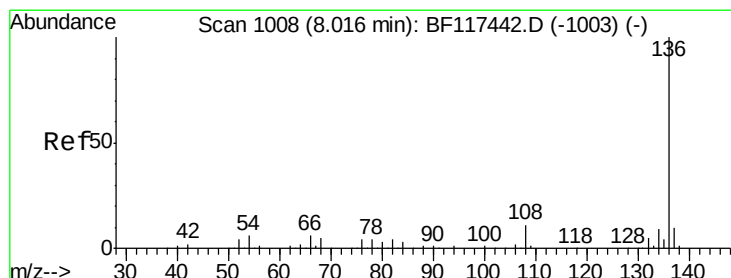
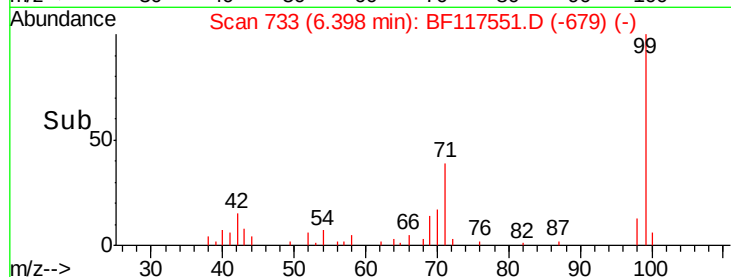
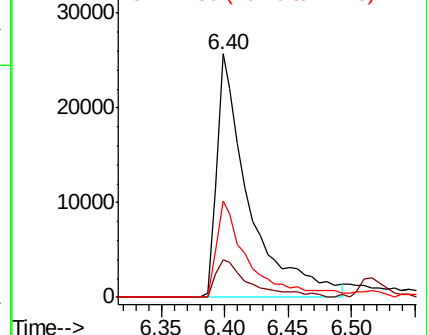
99 100

42 15.2 12.8 19.2

71 39.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF117551.D

Acq: 25 Oct 2019 22:00

Tgt Ion: 136 Resp: 133998

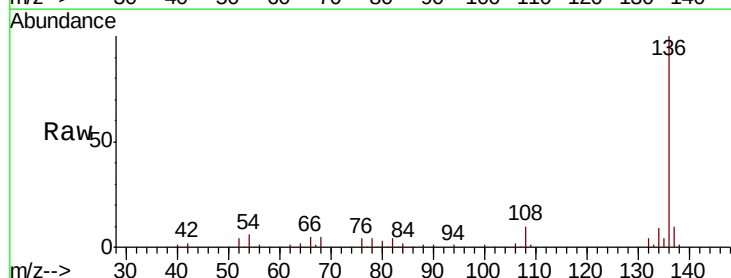
Ion Ratio Lower Upper

136 100

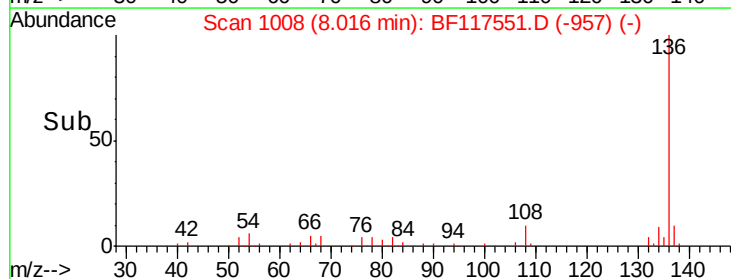
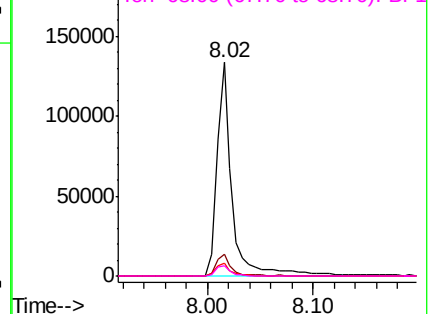
137 10.4 8.2 12.4

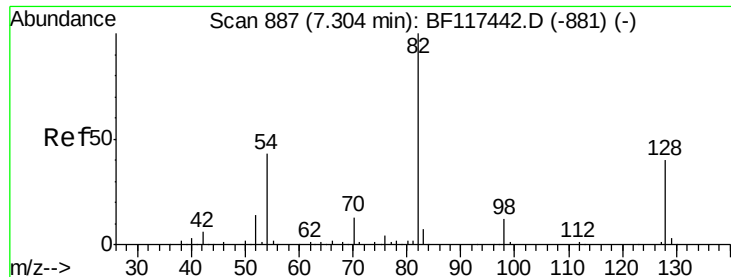
54 6.1 4.5 6.7

68 5.1 4.3 6.5



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

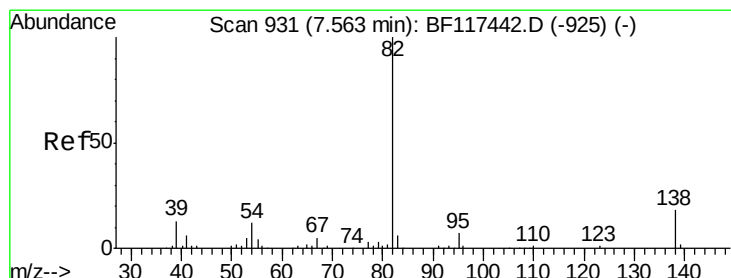
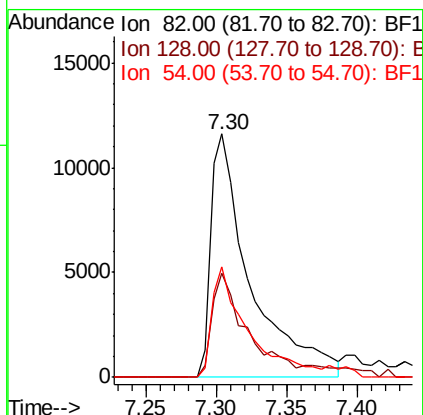
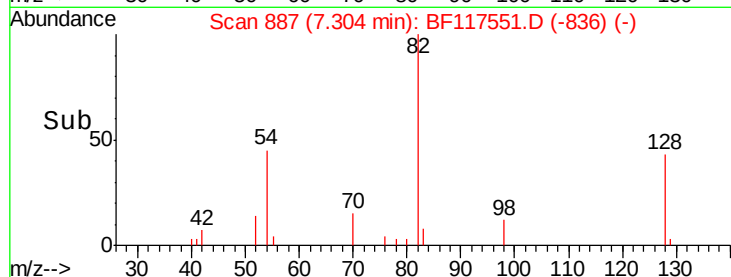
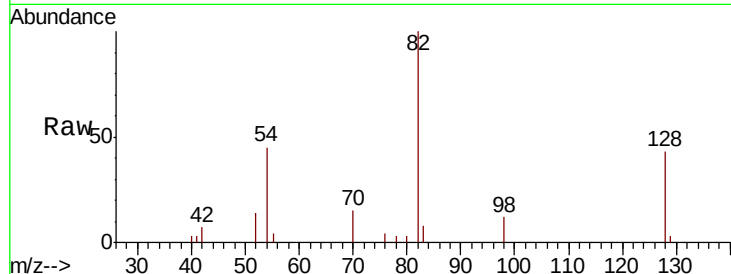




#23
 Nitrobenzene-d5
 Concen: 8.372 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF117551.D
 Acq: 25 Oct 2019 22:00

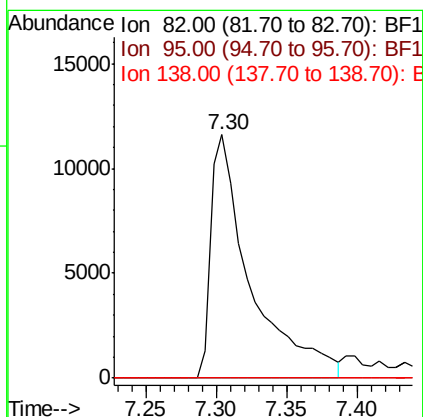
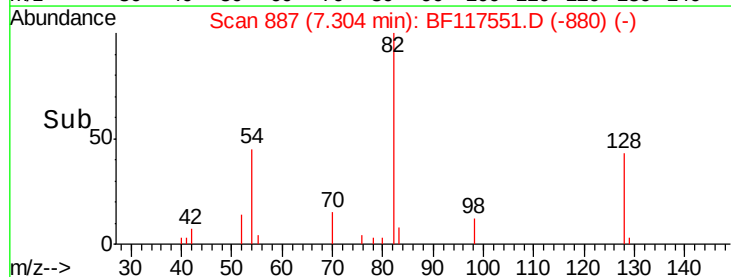
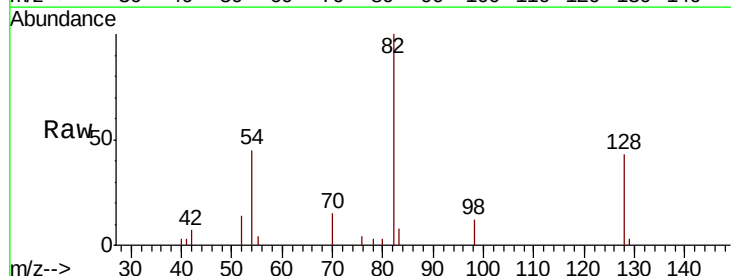
Instrument :
 BNA_F
 ClientSampleId :
 182-66-(0-2)

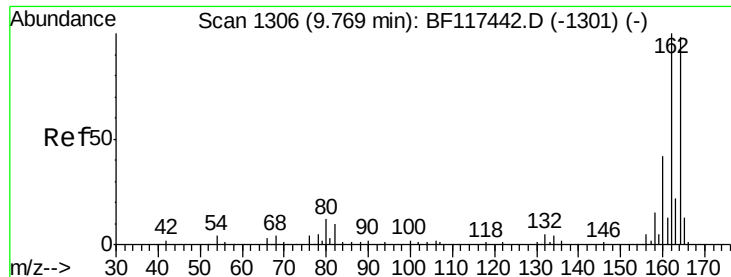
Tot Ion	82	Resp	22723
Ion Ratio	Lower	Upper	
82	100		
128	42.8	32.2	48.2
54	45.2	34.2	51.2



#25
 Isophorone
 Concen: 4.839 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.26 min
 Lab File: BF117551.D
 Acq: 25 Oct 2019 22:00

Tgt Ion	82	Resp	22723
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF117551.D

Acq: 25 Oct 2019 22:00

Instrument :

BNA_F

ClientSampleId :

182-66-(0-2)

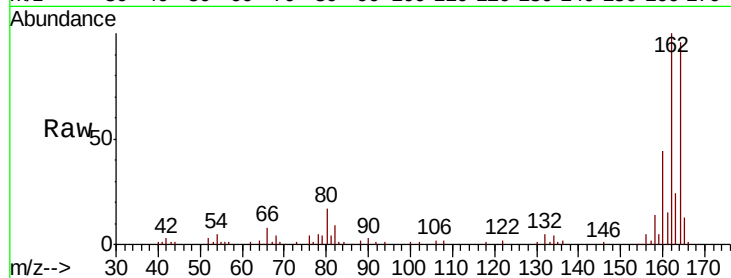
Tot Ion:164 Resp: 58575

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.6

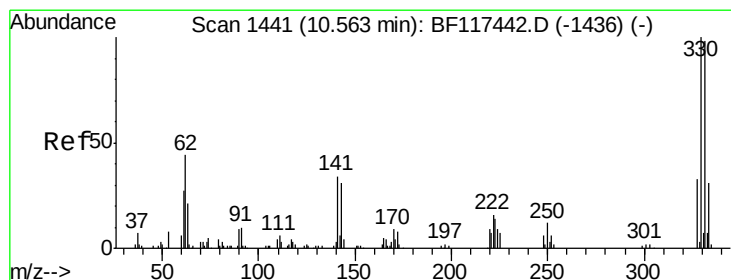
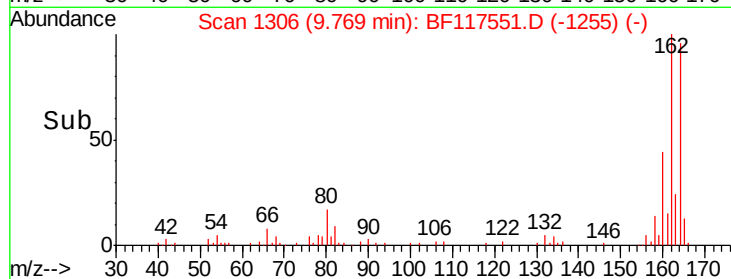
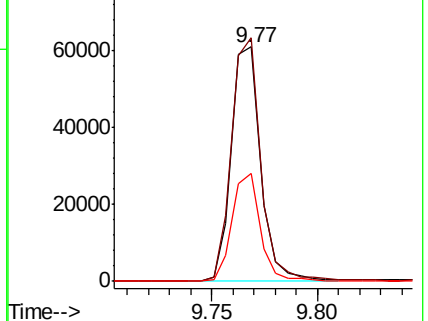
160 46.1 34.4 51.6



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: 13.869 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF117551.D

Acq: 25 Oct 2019 22:00

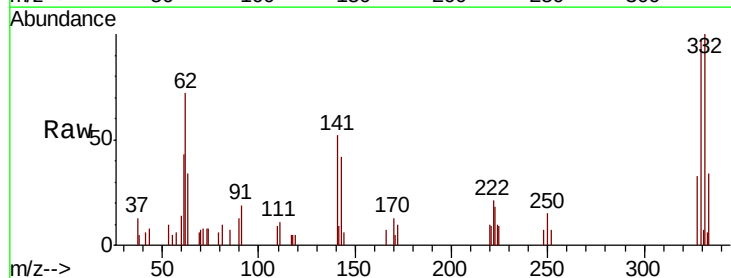
Tgt Ion:330 Resp: 7029

Ion Ratio Lower Upper

330 100

332 94.9 78.5 117.7

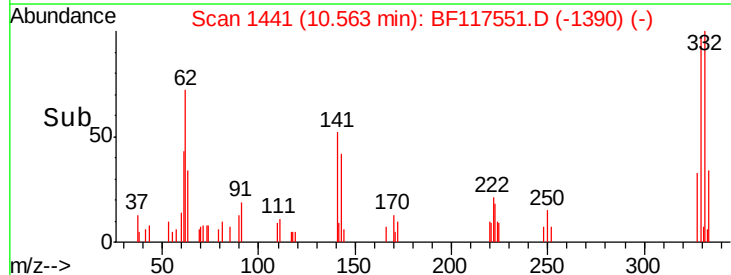
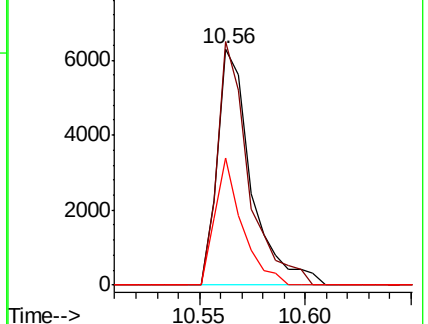
141 43.5 37.0 55.6

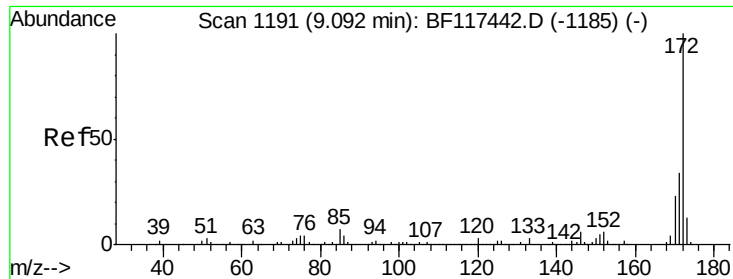


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

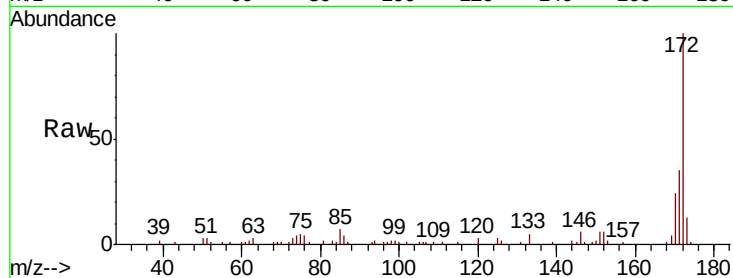




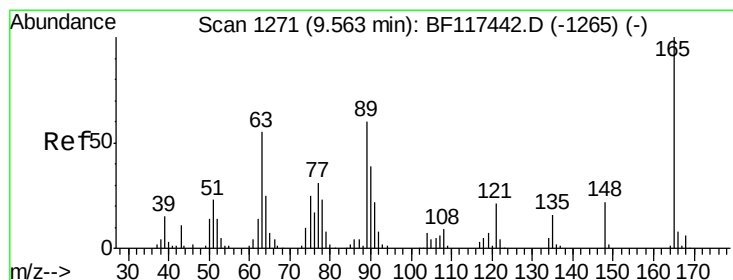
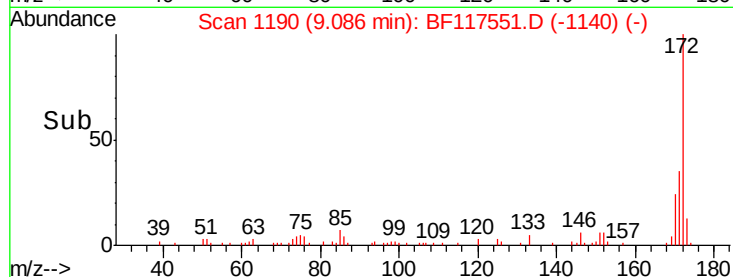
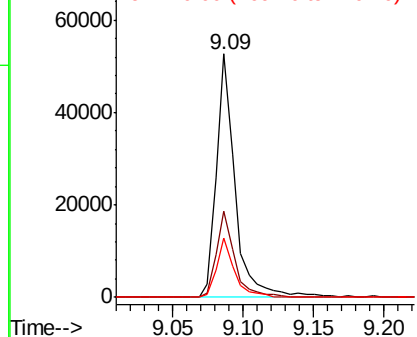
#45
2-Fluorobiphenyl
Concen: 11.703 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117551.D
Acq: 25 Oct 2019 22:00

Instrument :
BNA_F
ClientSampleId :
182-66-(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.5	41.3
170	24.1	18.6	27.8

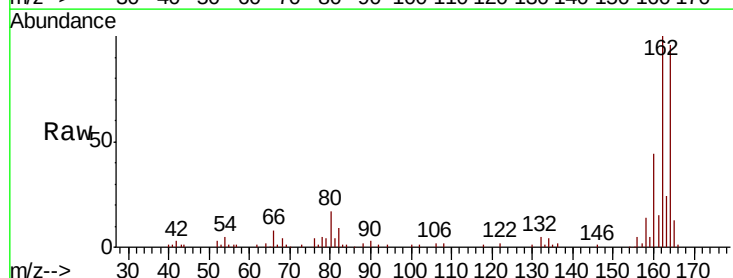


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

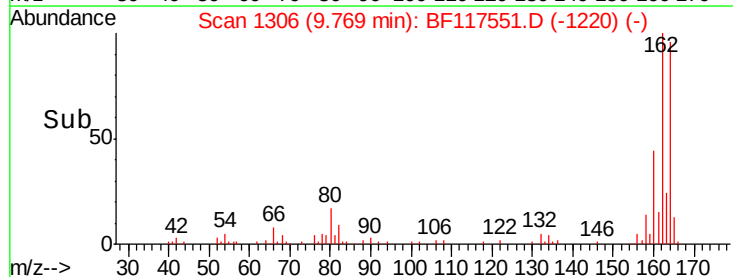
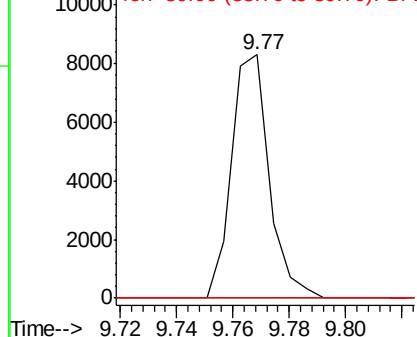


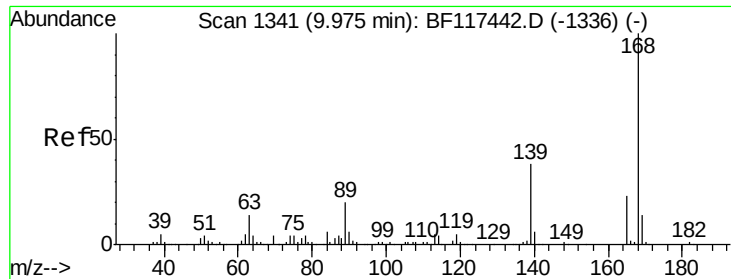
#51
2,6-Dinitrotoluene
Concen: 8.820 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.21 min
Lab File: BF117551.D
Acq: 25 Oct 2019 22:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	47.6	71.4#



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

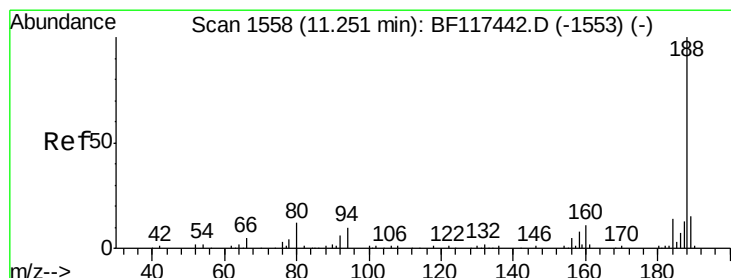
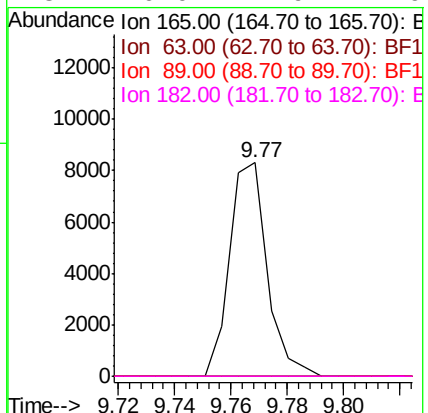
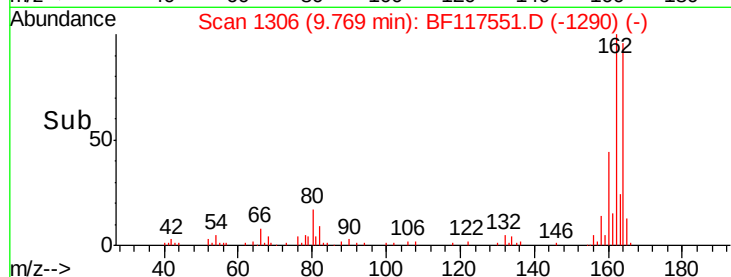
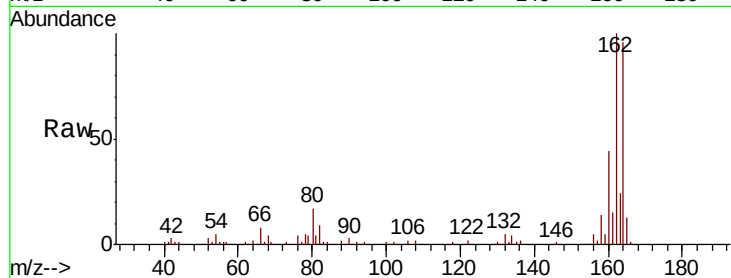




#57
 2,4-Dinitrotoluene
 Concen: 6.634 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.21 min
 Lab File: BF117551.D
 Acq: 25 Oct 2019 22:00

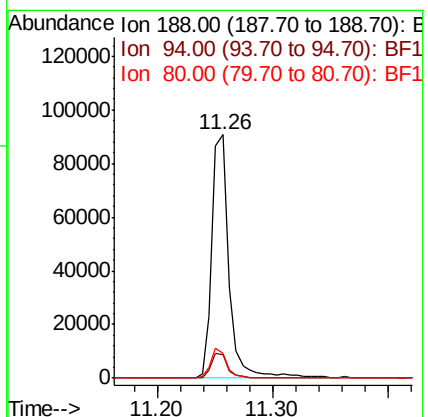
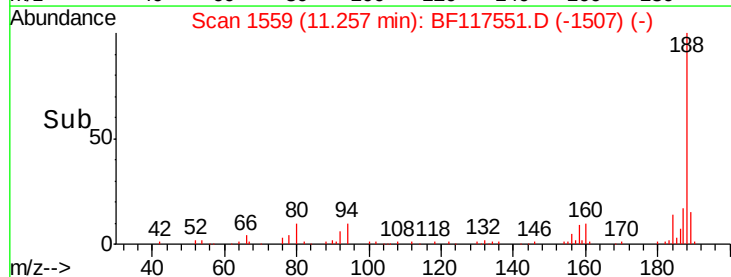
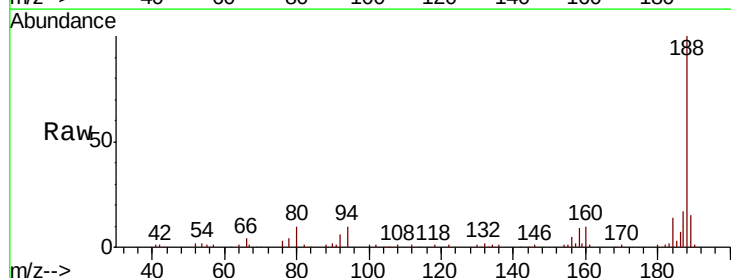
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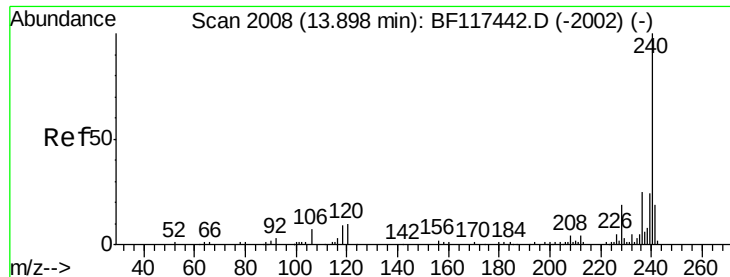
Tot Ion:165 Resp: 7686
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.4 77.0#
 89 0.0 69.9 104.9#
 182 0.0 1.9 2.9#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. 0.01 min
 Lab File: BF117551.D
 Acq: 25 Oct 2019 22:00

Tgt Ion:188 Resp: 93602
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.0 12.0
 80 10.0 9.5 14.3

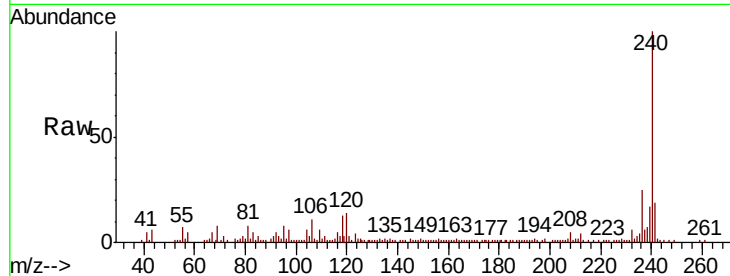




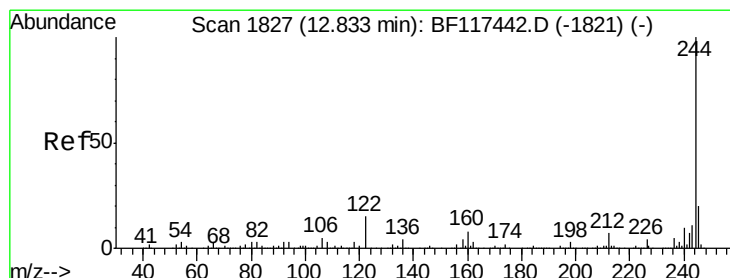
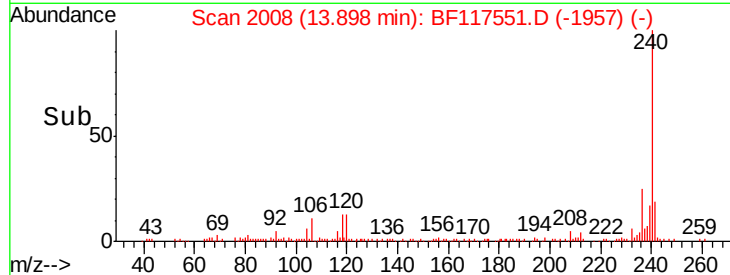
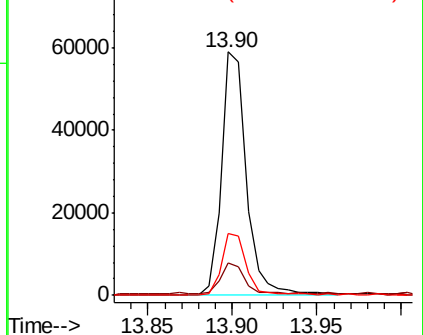
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117551.D
Acq: 25 Oct 2019 22:00

Instrument :
BNA_F
ClientSampleId :
182-66-(0-2)

Tot Ion:240 Resp: 60981
Ion Ratio Lower Upper
240 100
120 13.5 8.4 12.6#
236 25.2 20.0 30.0

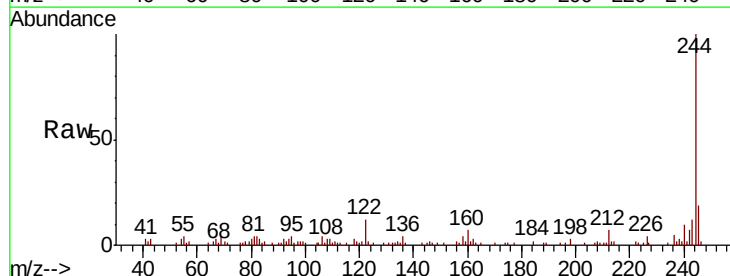


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

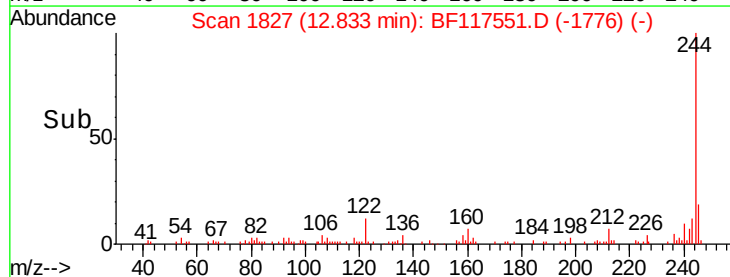
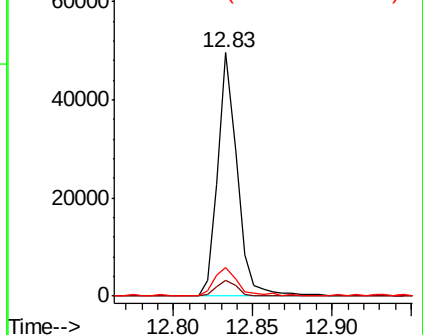


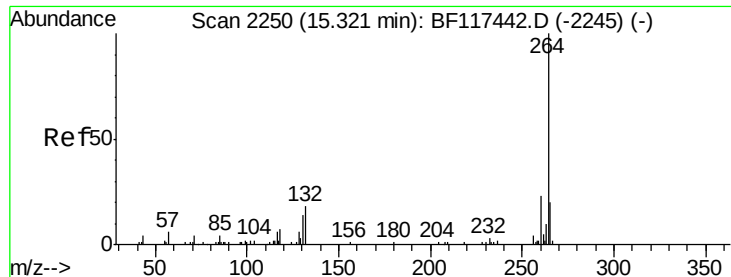
#79
Terphenyl-d14
Concen: 11.383 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117551.D
Acq: 25 Oct 2019 22:00

Tgt Ion:244 Resp: 42556
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 11.6 11.8 17.8#



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

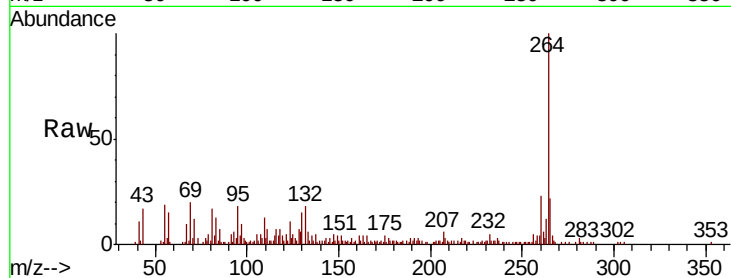




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. 0.02 min
 Lab File: BF117551.D
 Acq: 25 Oct 2019 22:00

Instrument :
 BNA_F
 ClientSampleId :
 182-66-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	22.3	16.1	24.1



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

