

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117462.D
 Acq On : 21 Oct 2019 22:02
 Operator : JU
 Sample : K5459-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 01:56:09 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

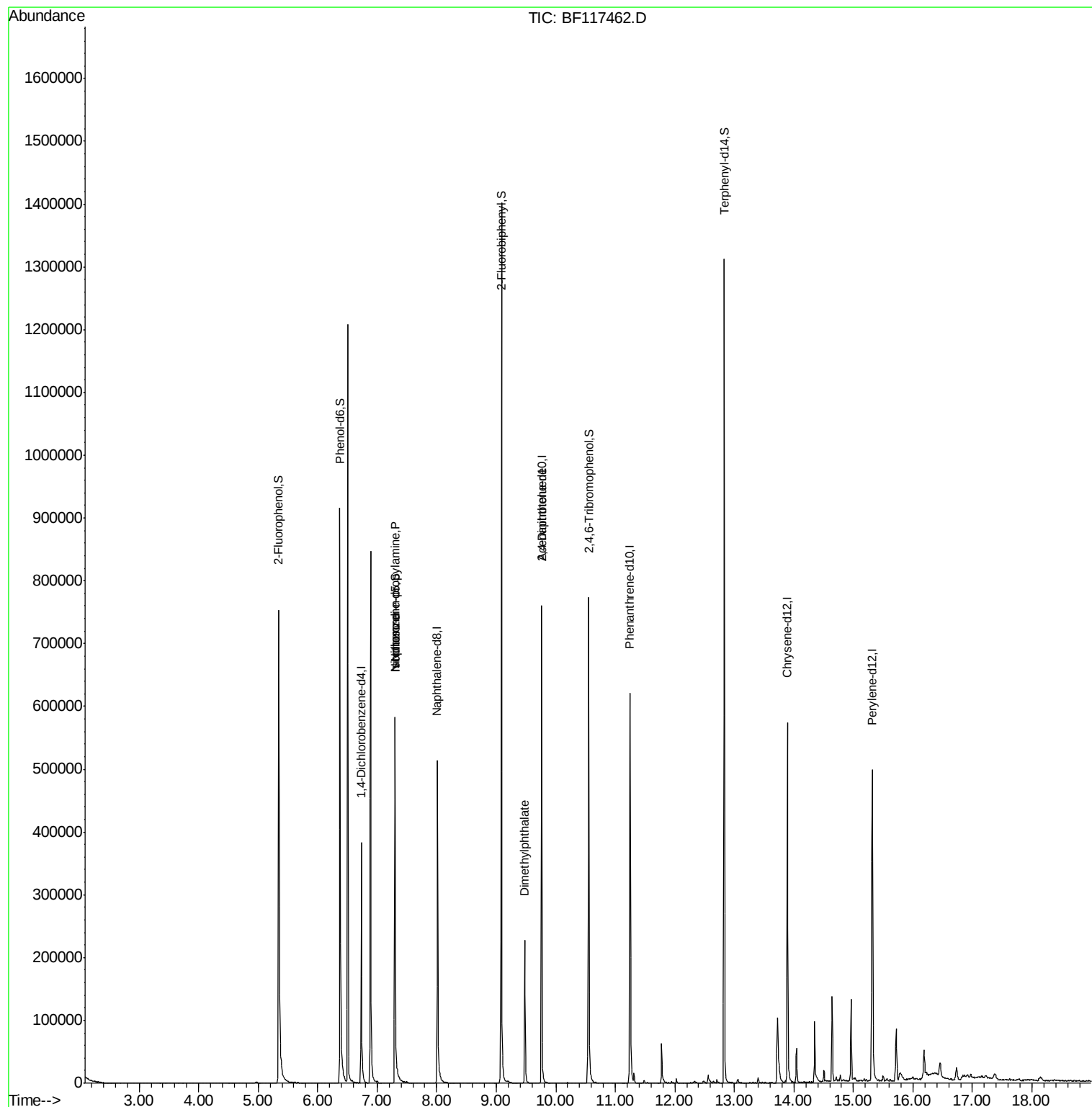
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	66095	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	276306	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	146754	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	257076	20.00	ng	0.00
76) Chrysene-d12	13.89	240	208739	20.00	ng	0.00
87) Perylene-d12	15.32	264	195963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	267054	60.11	ng	0.00
7) Phenol-d6	6.37	99	375365	62.91	ng	0.00
23) Nitrobenzene-d5	7.30	82	233004	41.63	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	81469	64.16	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	413522	39.70	ng	0.00
79) Terphenyl-d14	12.83	244	449817	35.15	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	576	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propylamine	7.30	70	31087	8.530 ng	#	78
25) Isophorone	7.30	82	233002	24.065 ng	#	65
50) Dimethylphthalate	9.48	163	90379	8.639 ng	#	97
57) 2,4-Dinitrotoluene	9.76	165	18106	6.238 ng	#	12
77) Benzidine	12.83	184	5886	Below Cal	#	86

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

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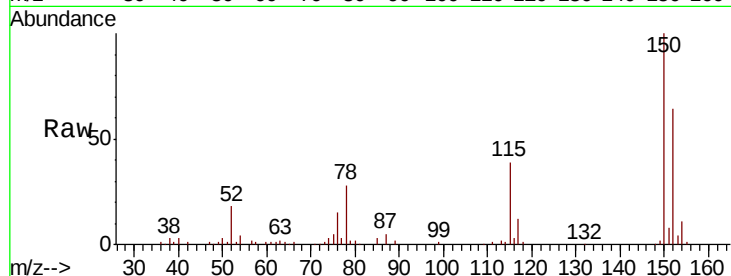


#1

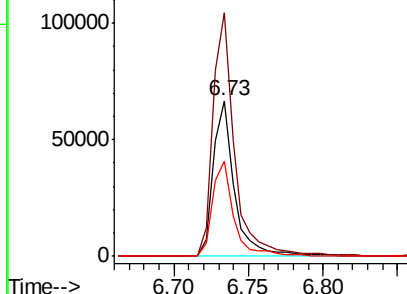
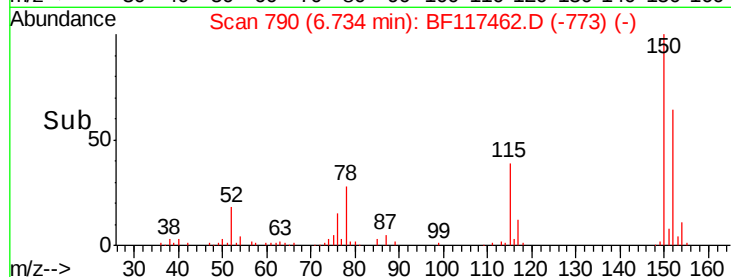
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117462.D
Acq: 21 Oct 2019 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66095
Ion Ratio Lower Upper
152 100
150 156.7 126.8 190.2
115 61.2 51.6 77.4



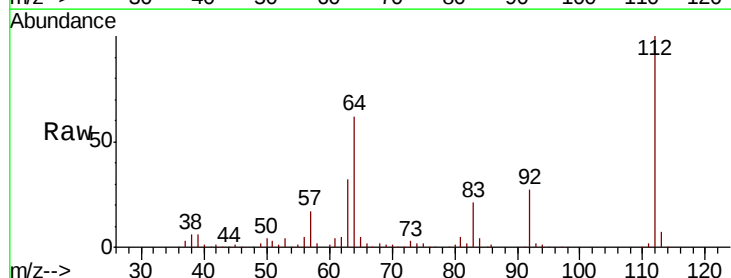
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



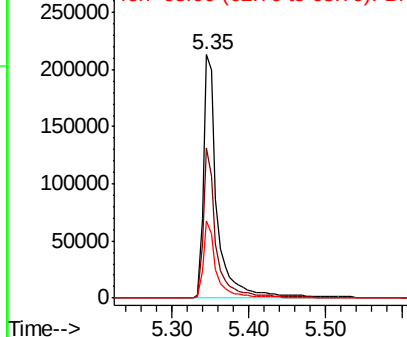
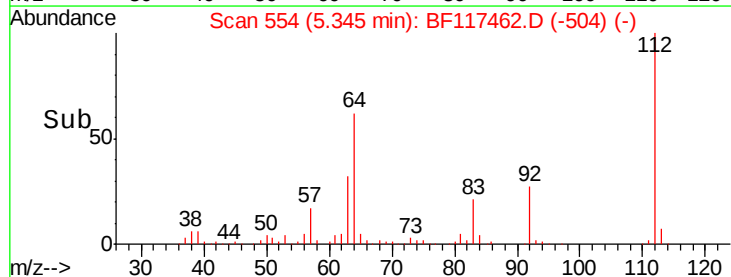
#5

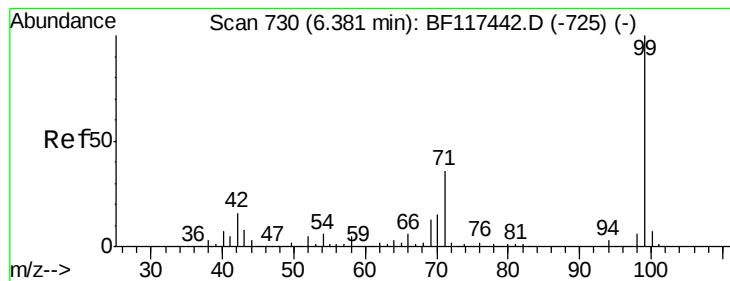
2-Fluorophenol
Concen: 60.110 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF117462.D
Acq: 21 Oct 2019 22:02

Tgt Ion:112 Resp: 267054
Ion Ratio Lower Upper
112 100
64 61.9 44.1 66.1
63 31.9 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: 62.906 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF117462.D

Acq: 21 Oct 2019 22:02

Instrument :

BNA_F

ClientSampleId :

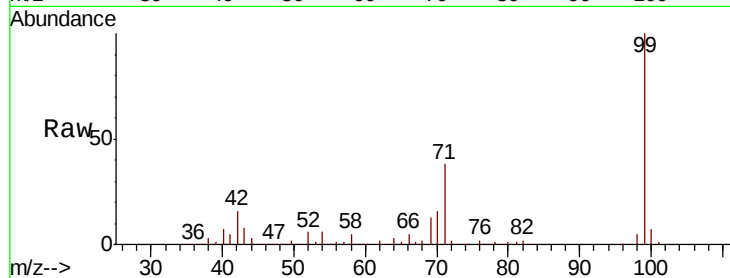
Tot Ion: 99 Resp: 375365

Ion Ratio Lower Upper

99 100

42 15.9 12.8 19.2

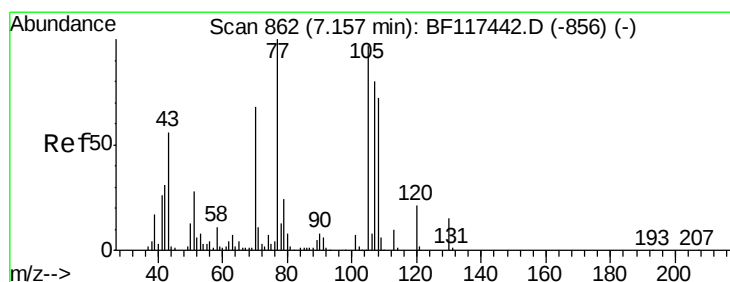
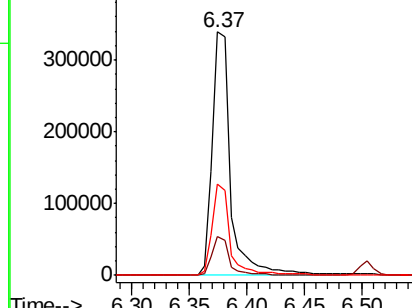
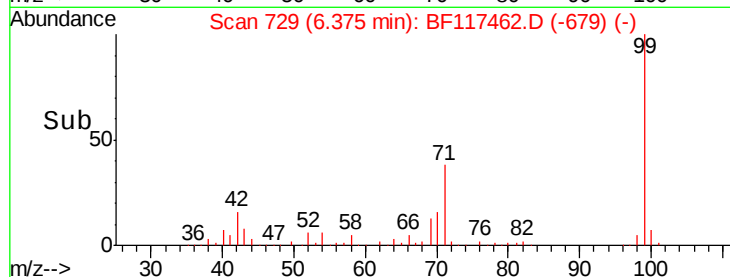
71 37.6 28.6 43.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.530 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF117462.D

Acq: 21 Oct 2019 22:02

Tgt Ion: 70 Resp: 31087

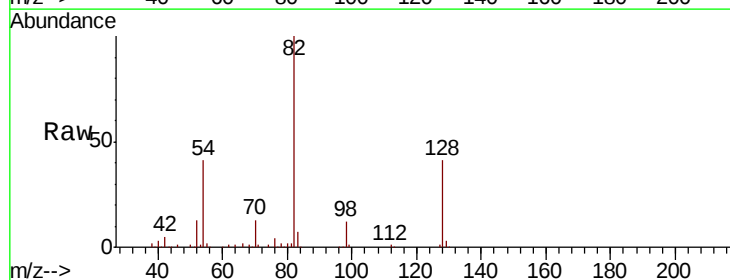
Ion Ratio Lower Upper

70 100

42 39.1 36.7 55.1

101 0.0 8.3 12.5#

130 1.9 18.1 27.1#

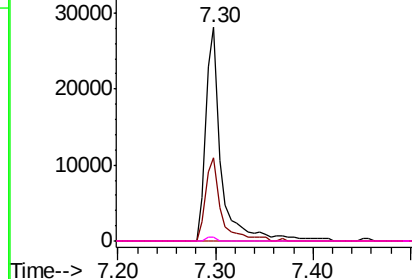
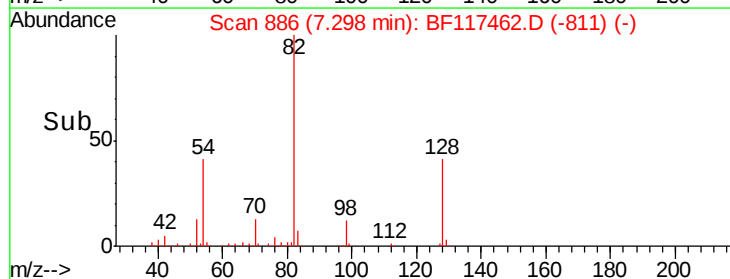


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

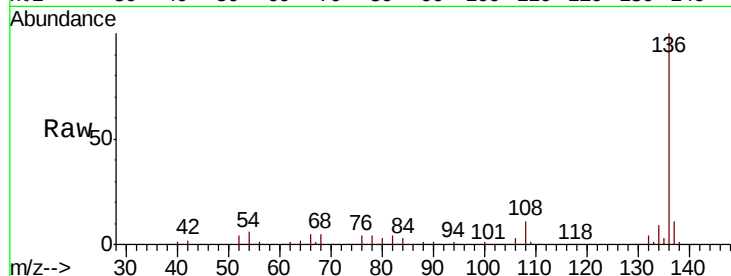




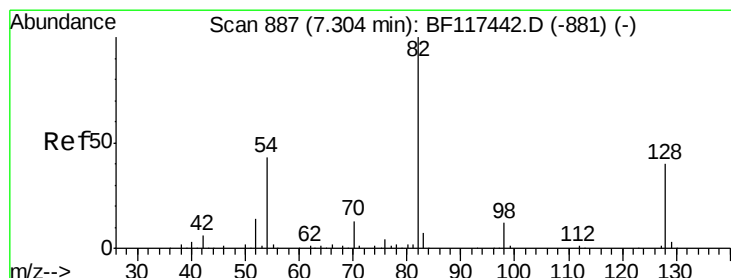
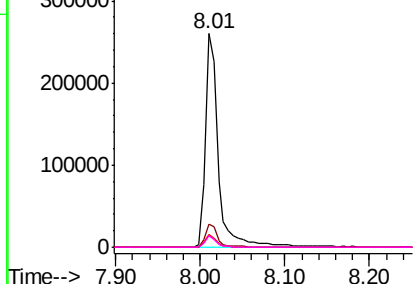
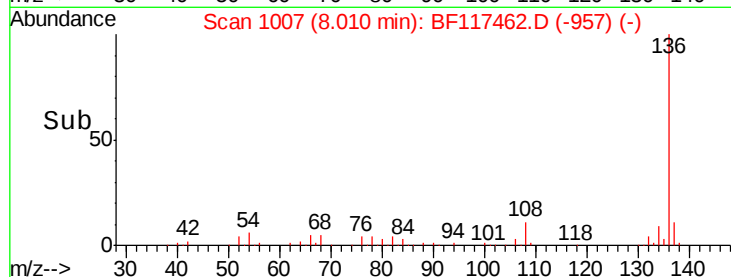
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117462.D
Acq: 21 Oct 2019 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	276306
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.2 12.4
54	5.8	4.5 6.7
68	5.1	4.3 6.5

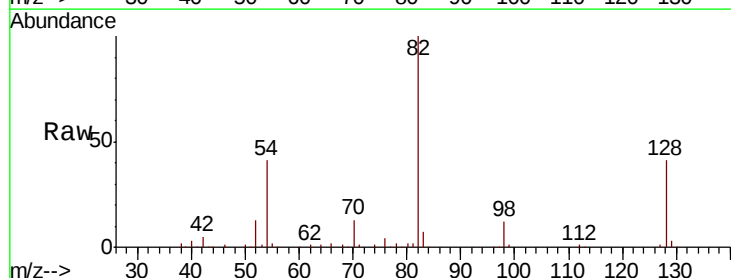


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

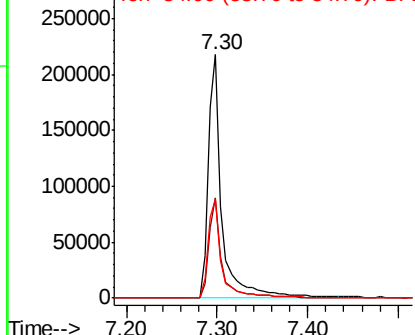
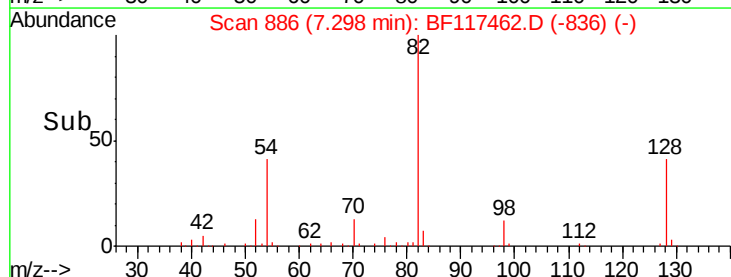


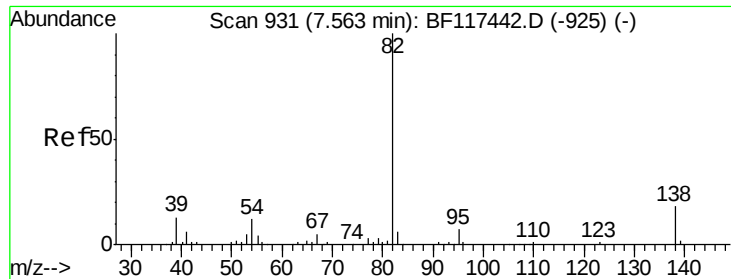
#23
Nitrobenzene-d5
Concen: 41.631 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117462.D
Acq: 21 Oct 2019 22:02

Tgt Ion: 82	Resp:	233004
Ion	Ratio	Lower Upper
82	100	
128	41.2	32.2 48.2
54	40.9	34.2 51.2



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





#25

Isophorone

Concen: 24.065 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF117462.D

Acq: 21 Oct 2019 22:02

Instrument :

BNA_F

ClientSampled :

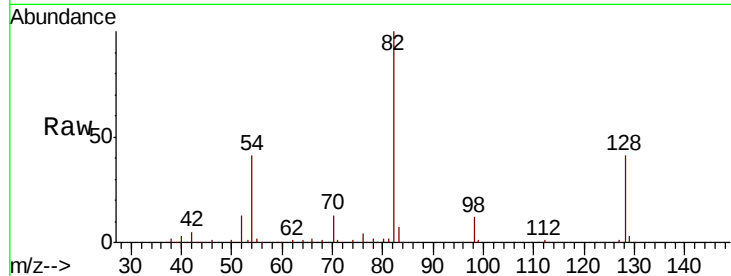
Tot Ion: 82 Resp: 233002

Ion Ratio Lower Upper

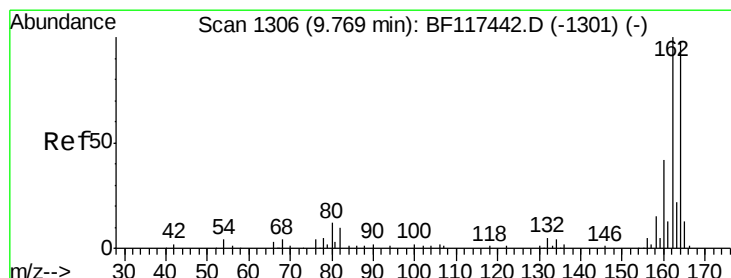
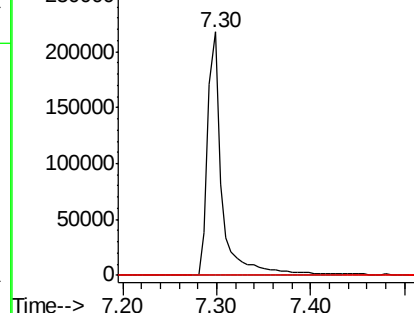
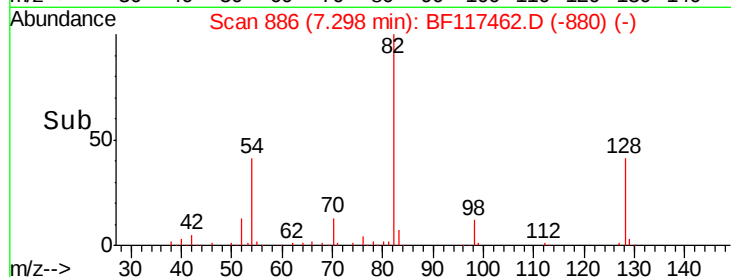
82 100

95 0.0 5.4 8.0#

138 0.0 14.2 21.2#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117462.D

Acq: 21 Oct 2019 22:02

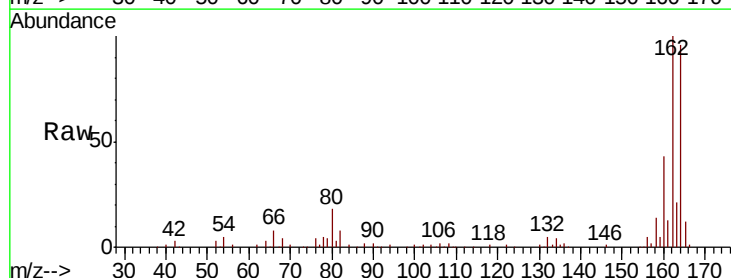
Tgt Ion:164 Resp: 146754

Ion Ratio Lower Upper

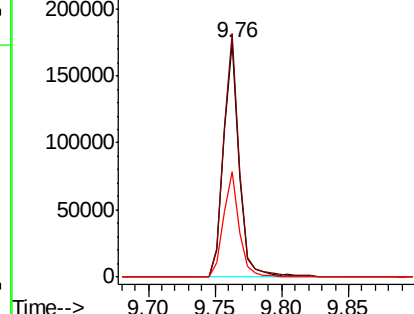
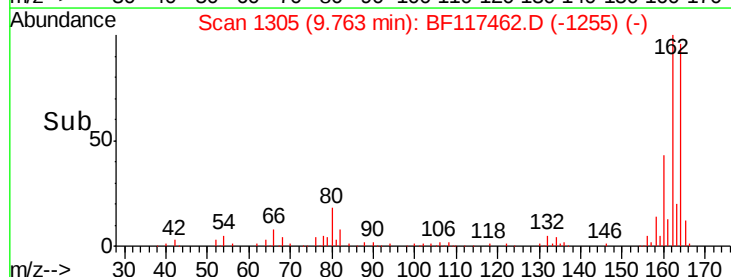
164 100

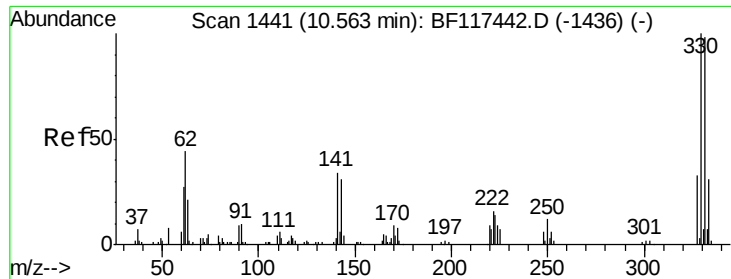
162 103.8 81.8 122.6

160 45.0 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

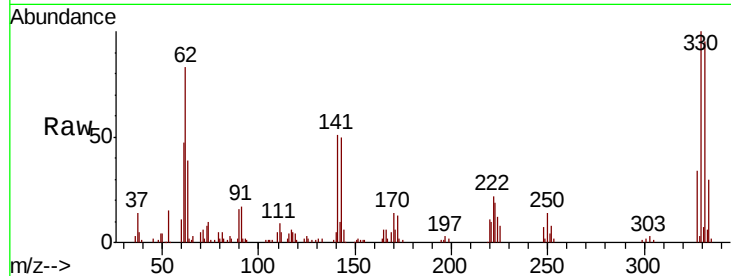




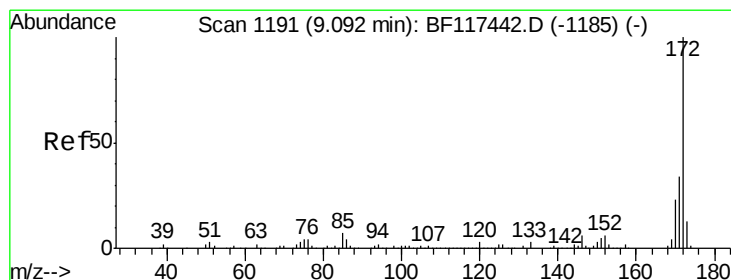
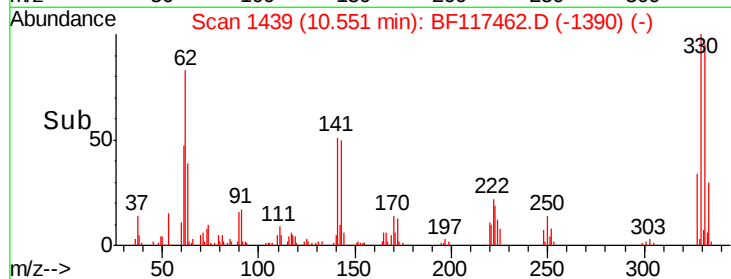
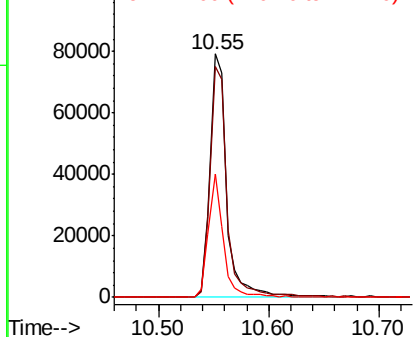
#42
 2,4,6-Tribromophenol
 Concen: 64.159 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF117462.D
 Acq: 21 Oct 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 81469
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.5 117.7
 141 44.5 37.0 55.6

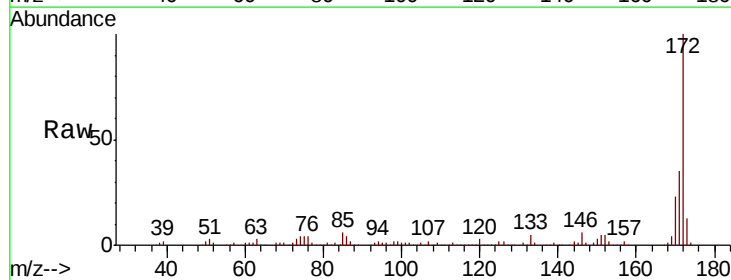


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

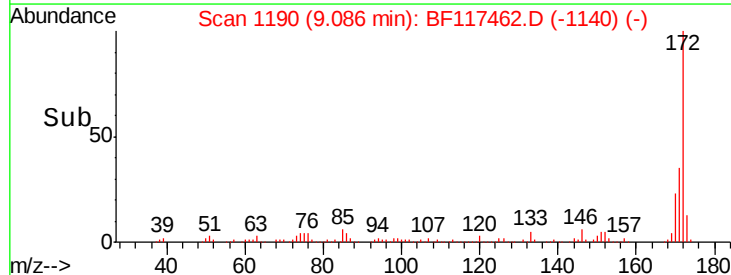
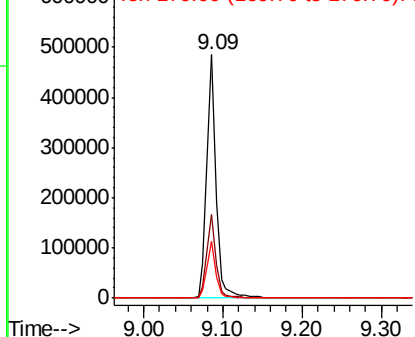


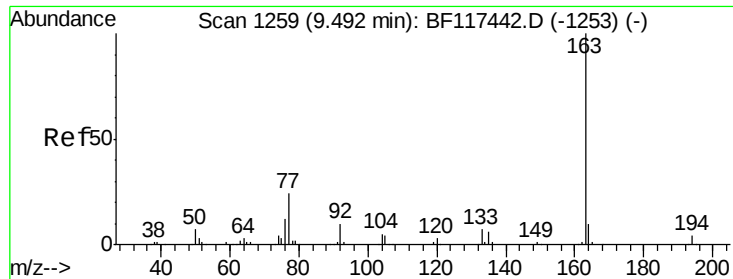
#45
 2-Fluorobiphenyl
 Concen: 39.702 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117462.D
 Acq: 21 Oct 2019 22:02

Tgt Ion:172 Resp: 413522
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.5 41.3
 170 23.2 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

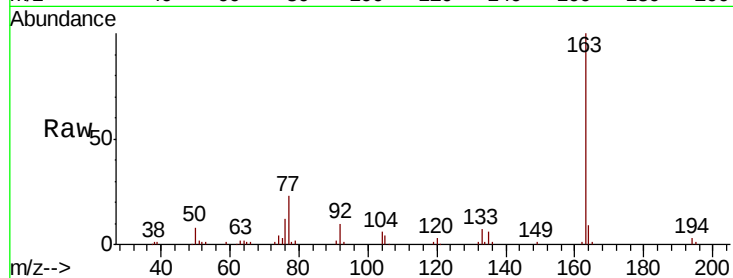




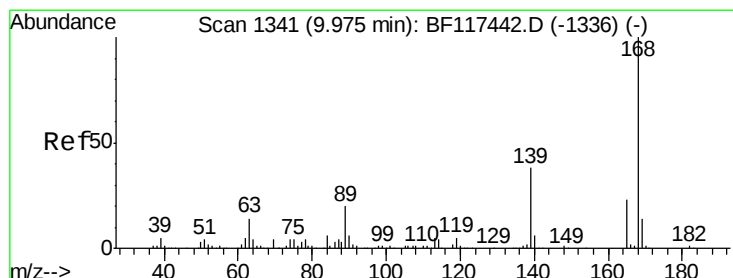
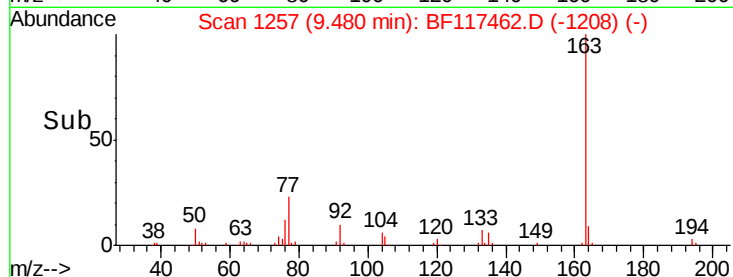
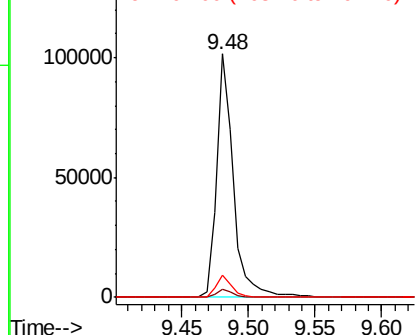
#50
Dimethylphthalate
Concen: 8.639 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117462.D
Acq: 21 Oct 2019 22:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	8.9	8.2	12.2

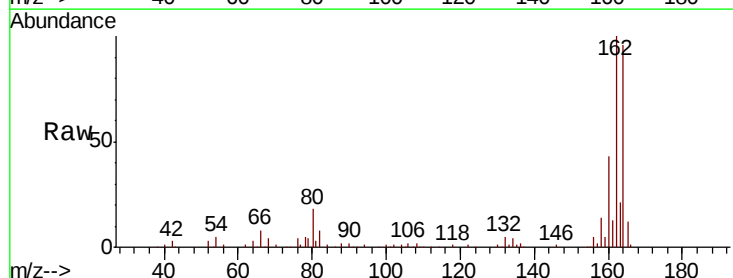


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

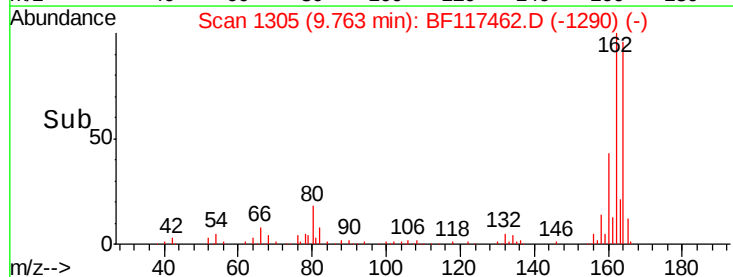
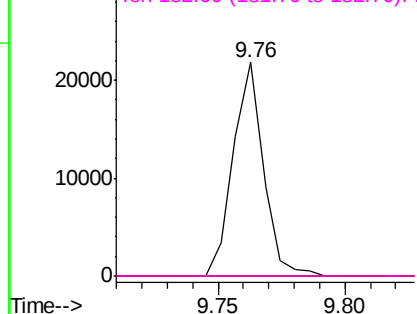


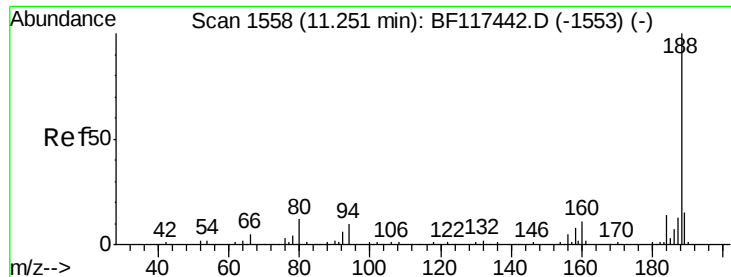
#57
2,4-Dinitrotoluene
Concen: 6.238 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117462.D
Acq: 21 Oct 2019 22:02

Tgt 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#



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
Ion 182.00 (181.70 to 182.70): E

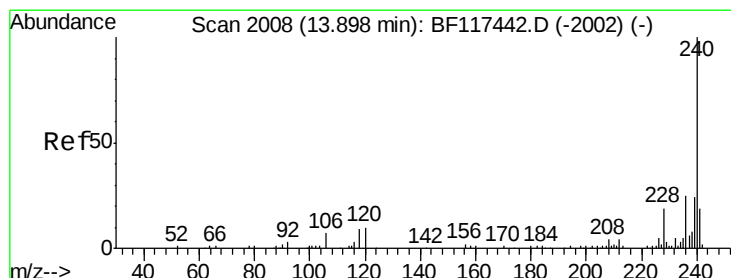
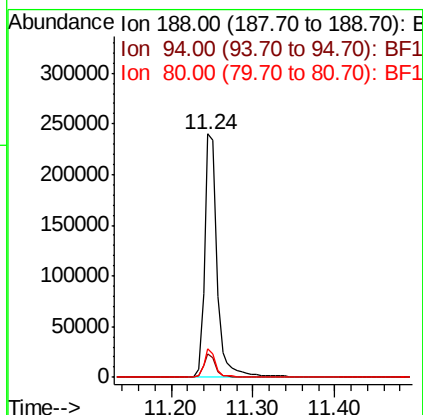
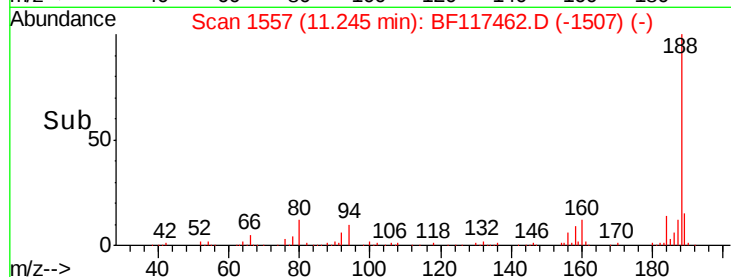
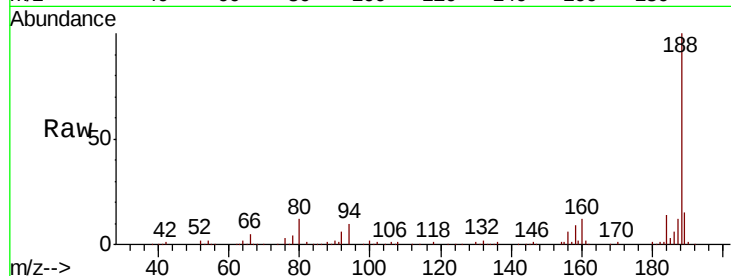




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117462.D
Acq: 21 Oct 2019 22:02

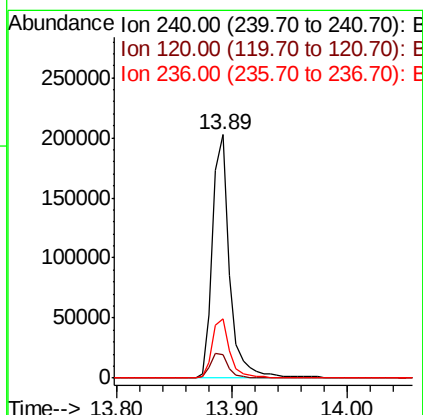
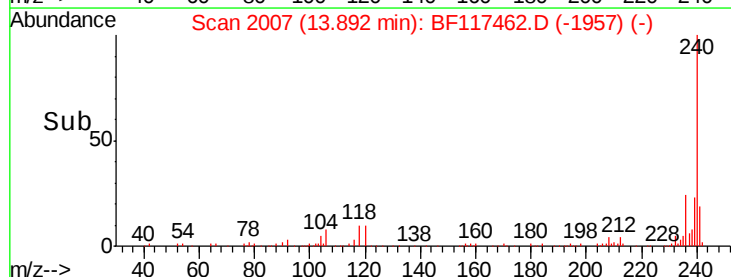
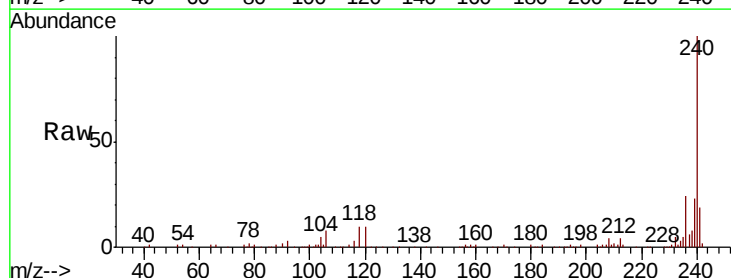
Instrument :
BNA_F
ClientSampleId :

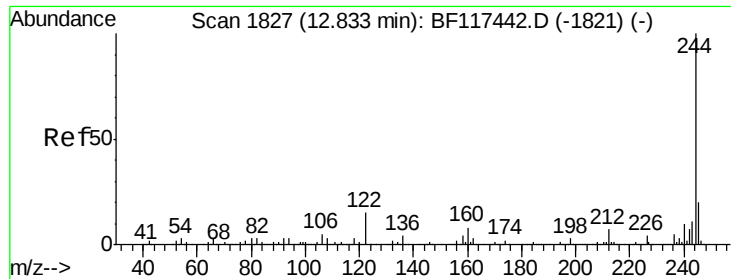
Tot Ion:188 Resp: 257076
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 11.5 9.5 14.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117462.D
Acq: 21 Oct 2019 22:02

Tgt Ion:240 Resp: 208739
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 24.4 20.0 30.0





#79

Terphenyl-d14

Concen: 35.149 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117462.D

Acq: 21 Oct 2019 22:02

Instrument :

BNA_F

ClientSampleId :

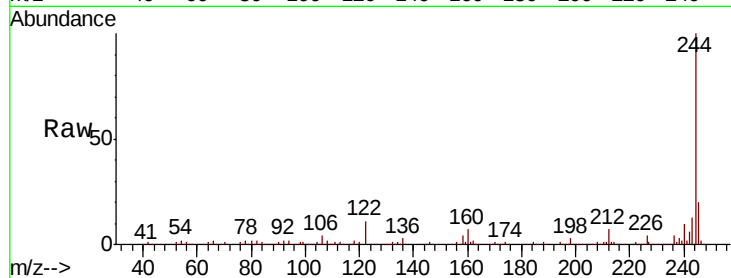
Tot Ion:244 Resp: 449817

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

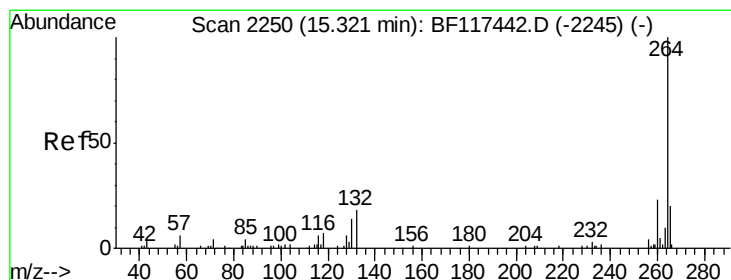
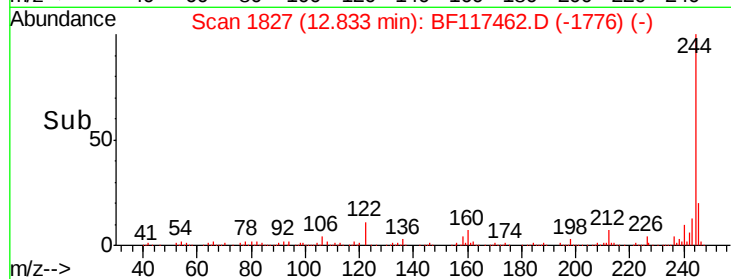
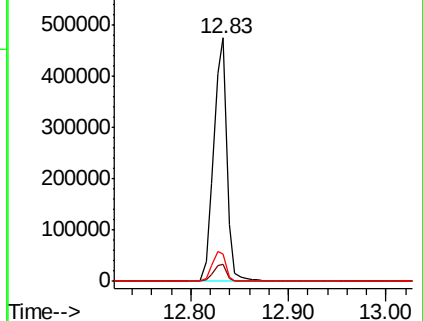
122 11.3 11.8 17.8#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BF117462.D

Acq: 21 Oct 2019 22:02

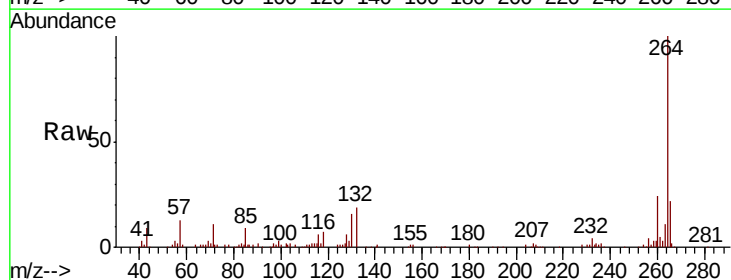
Tgt Ion:264 Resp: 195963

Ion Ratio Lower Upper

264 100

260 23.7 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

