

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116252.D
 Acq On : 14 Aug 2019 1:17
 Operator : HP/JU
 Sample : K4319-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 14 05:29:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

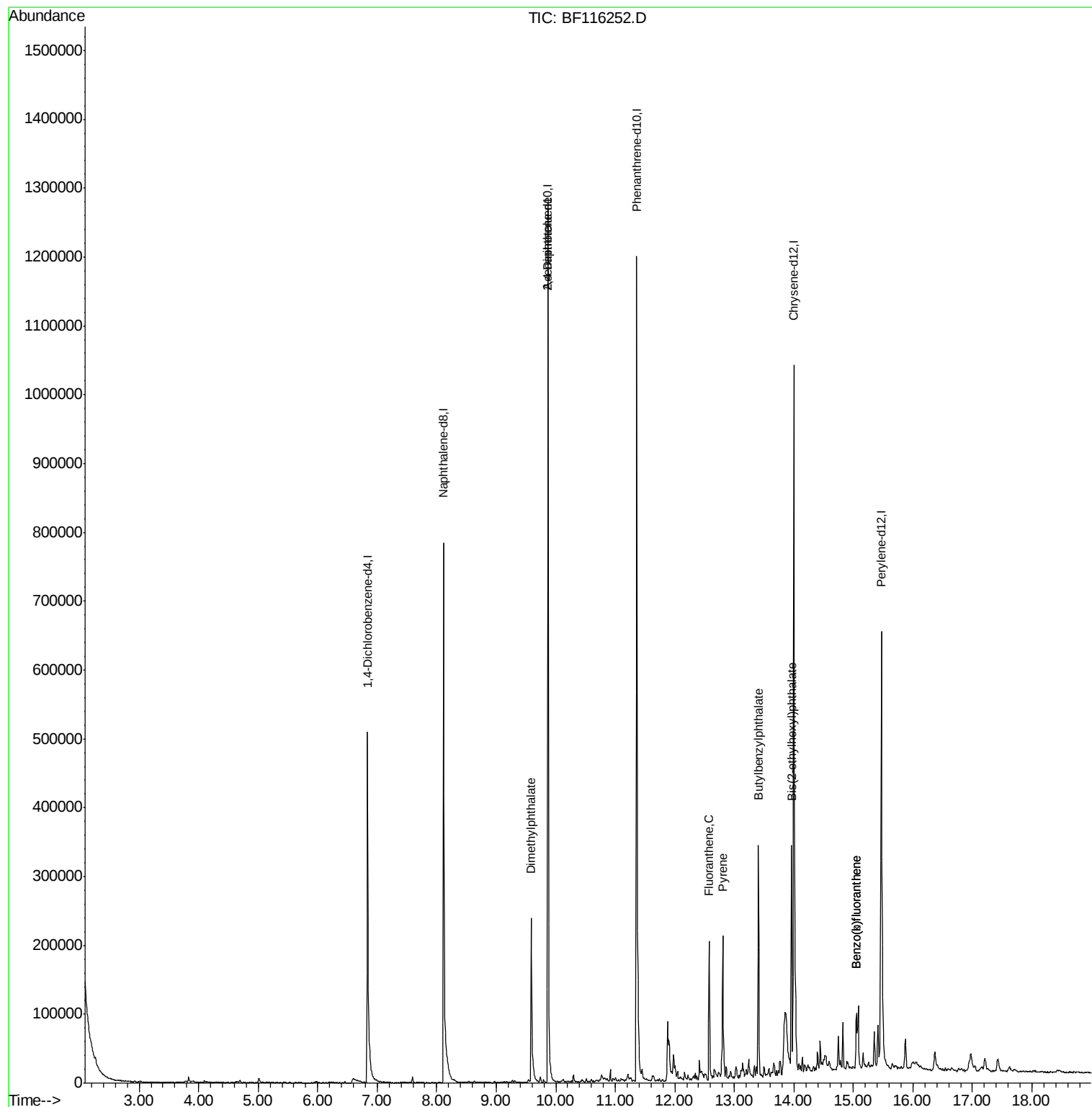
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	114227	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	514105	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	282361	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	522371	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	380971	20.00	ng	-0.01
87) Perylene-d12	15.47	264	372877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	12.94	244	808	0.04	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	155092	8.067	ng	100
57) 2,4-Dinitrotoluene	9.87	165	36170	6.502	ng	# 20
75) Fluoranthene	12.57	202	91534	3.274	ng	99
78) Pyrene	12.80	202	91472	3.185	ng	97
80) Butylbenzylphthalate	13.40	149	65212	5.368	ng	95
84) Bis(2-ethylhexyl)phthalate	13.96	149	91048	5.768	ng	99
88) Benzo(b)fluoranthene	15.05	252	69108	3.205	ng	99
89) Benzo(k)fluoranthene	15.05	252	69108	3.291	ng	98

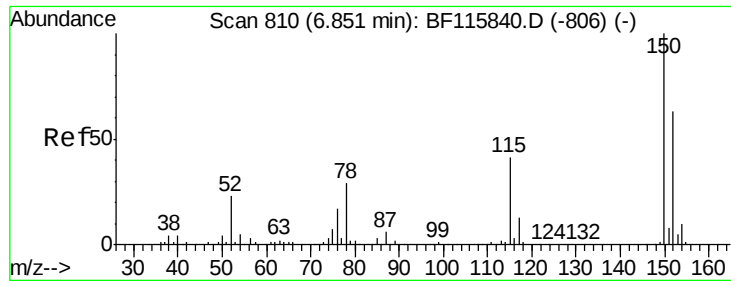
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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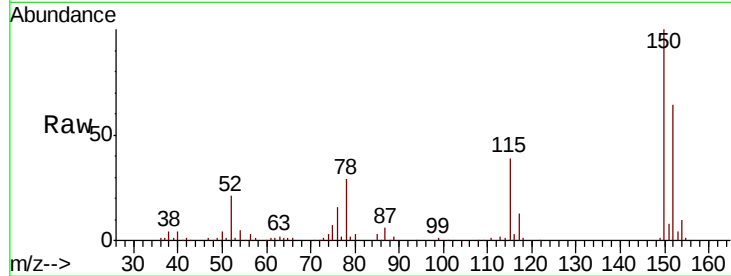


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116252.D
 Acq: 14 Aug 2019 1:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	61.3	49.9	74.9

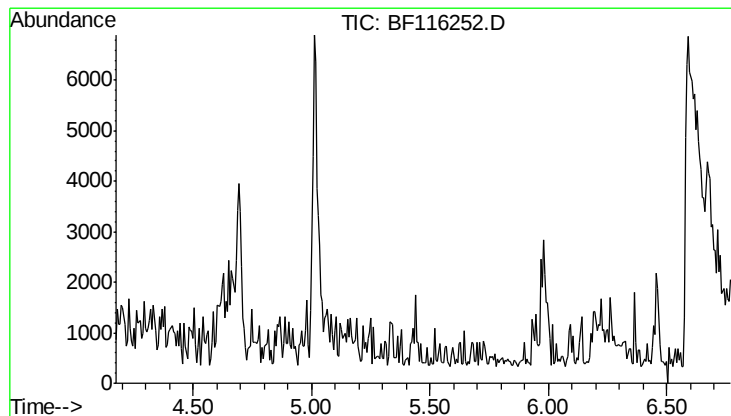
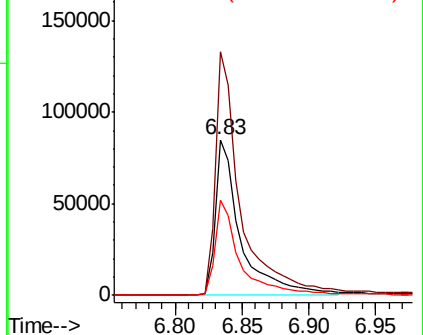
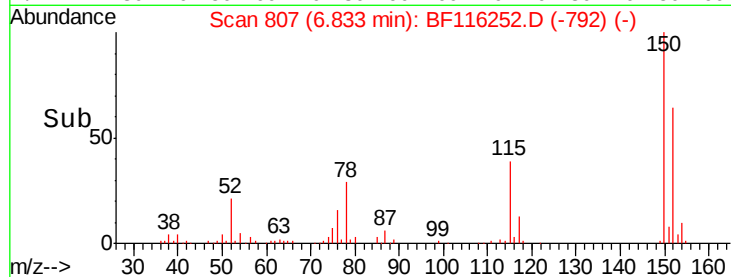


Abundance

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

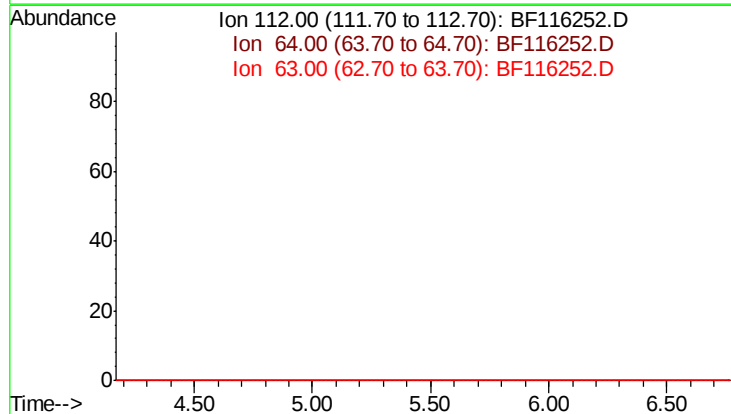


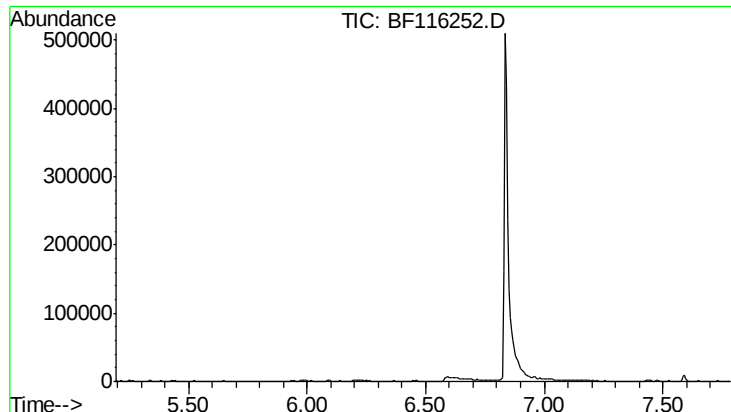
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.47 min

Lab File: BF116252.D
 Acq: 14 Aug 2019 1:17

Tgt Ion	Sig	Exp Ratio
112	100	
64	56.8	
63	29.6	

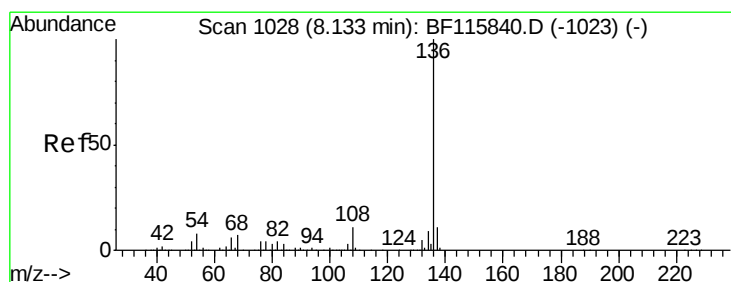
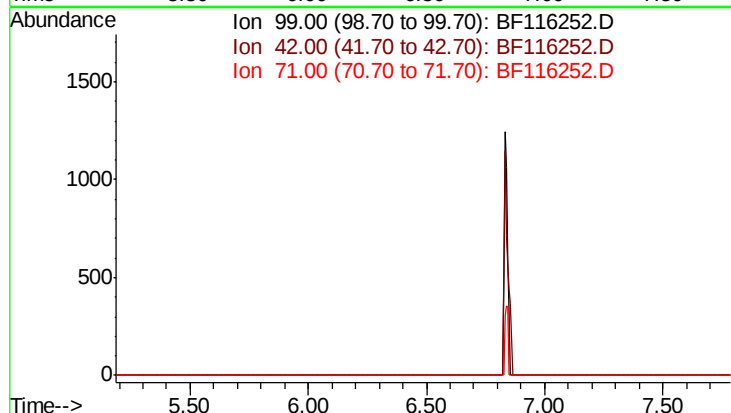




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF116252.D
 Acq: 14 Aug 2019 1:17

Instrument :
 BNA_F
 ClientSampleId :

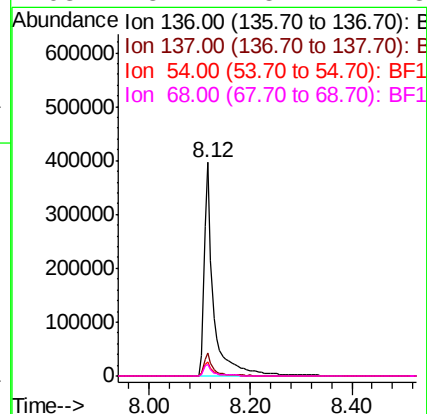
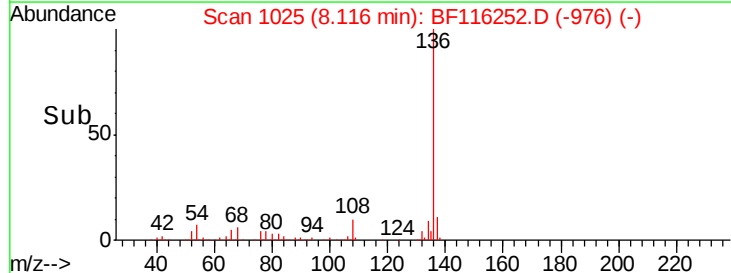
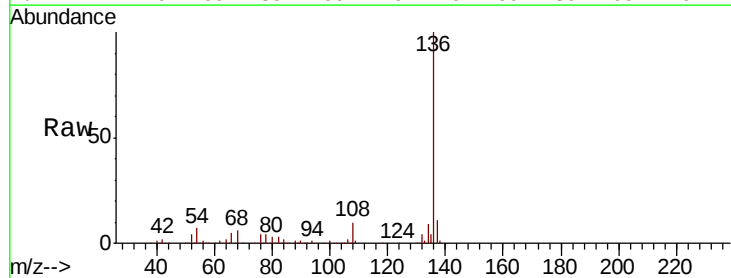
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 17.3
 71 34.1

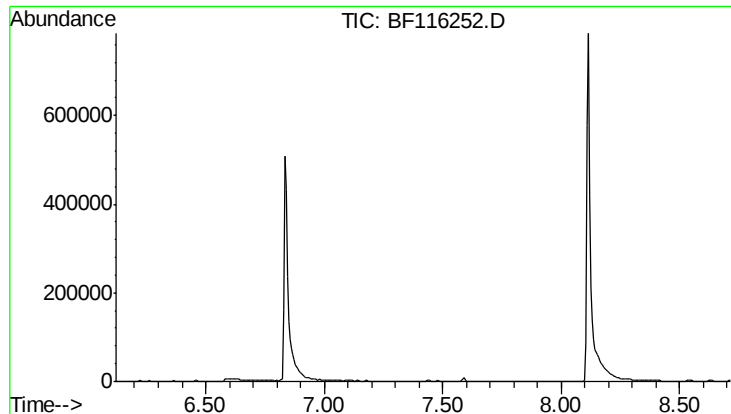


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF116252.D
 Acq: 14 Aug 2019 1:17

Tgt Ion: 136 Resp: 514105

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.7	5.8	8.6
68	5.7	5.2	7.8

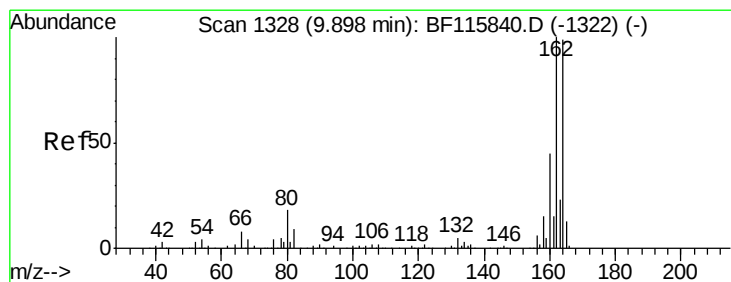
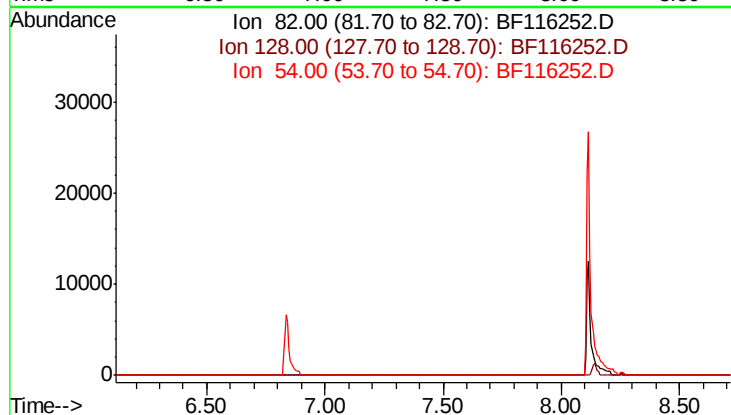




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF116252.D
 Acq: 14 Aug 2019 1:17

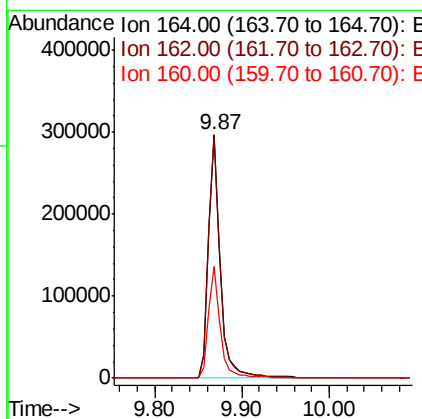
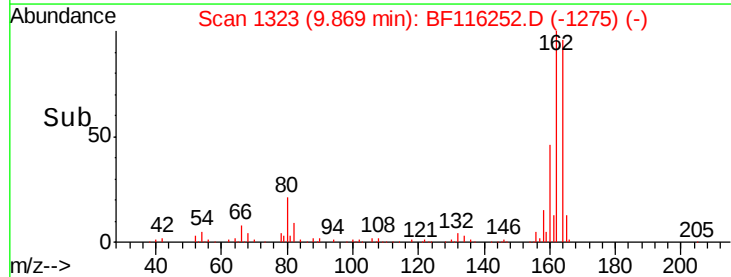
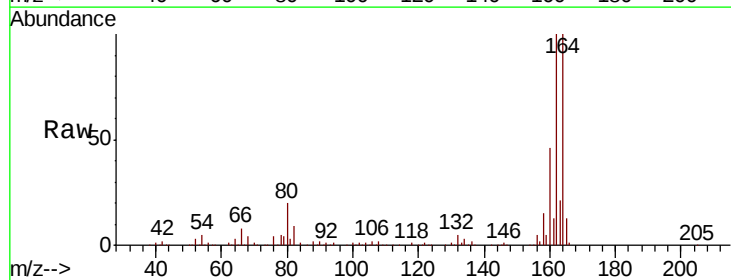
Instrument :
 BNA_F
 ClientSampleId :

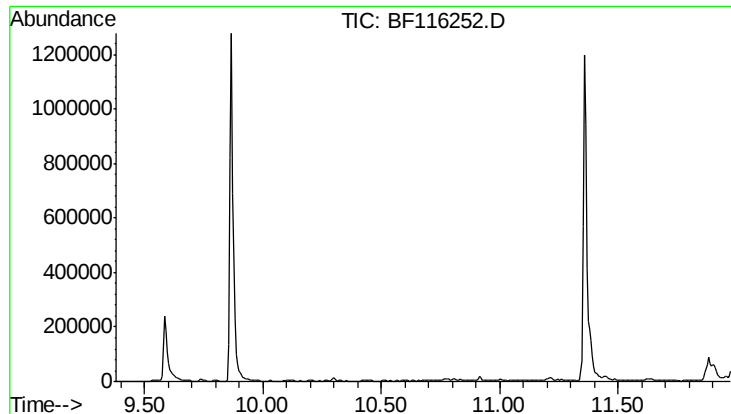
Tot Ion	82
Sig	Exp Ratio
82	100
128	45.6
54	45.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116252.D
 Acq: 14 Aug 2019 1:17

Tgt Ion	164	Resp	282361
Ion Ratio	Lower	Upper	
164	100		
162	100.4	82.6	124.0
160	45.9	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.67 min

Lab File: BF116252.D

Acq: 14 Aug 2019 1:17

Instrument :

BNA_F

ClientSampleId :

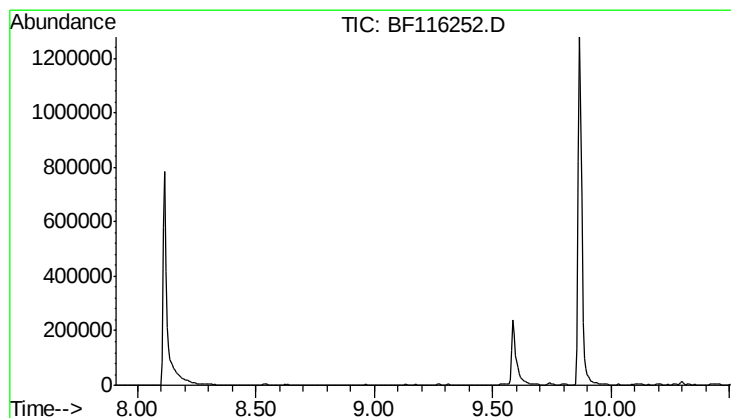
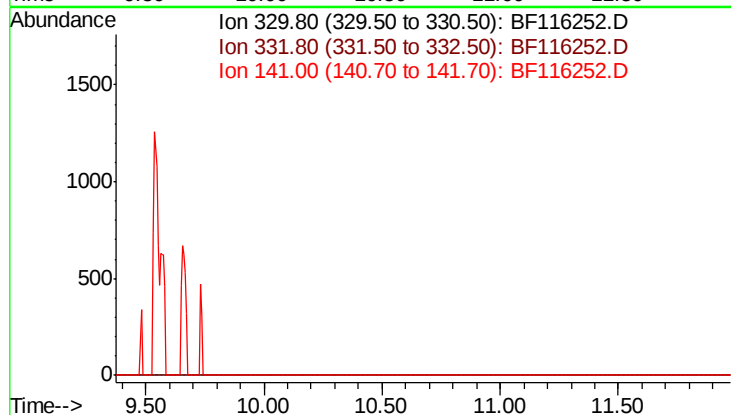
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.0

141 32.9



#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.20 min

Lab File: BF116252.D

Acq: 14 Aug 2019 1:17

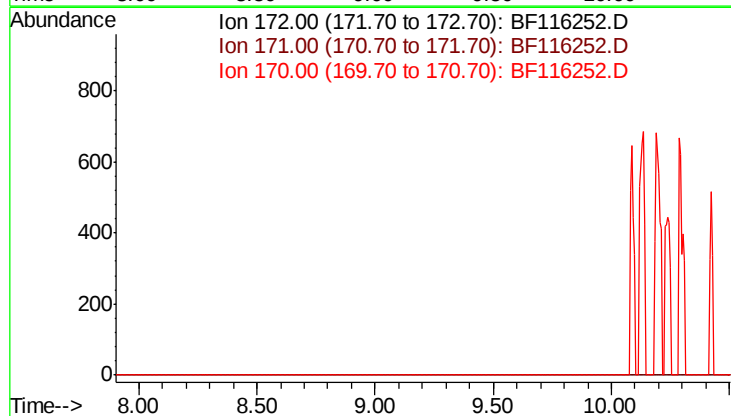
Tgt Ion: 172

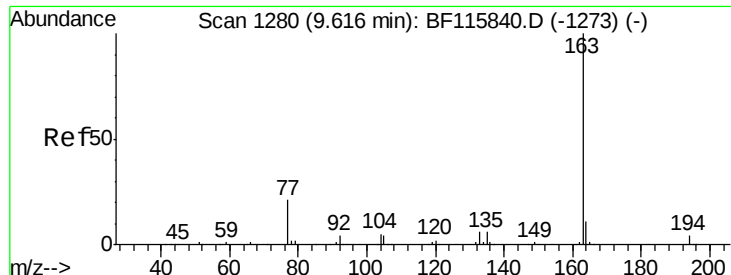
Sig Exp Ratio

172 100

171 37.0

170 25.1

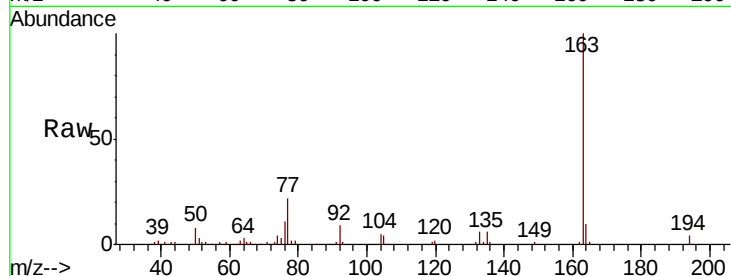




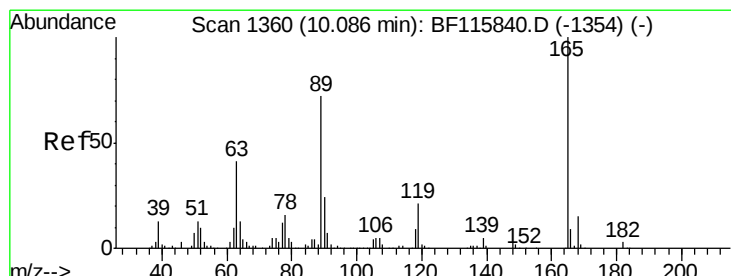
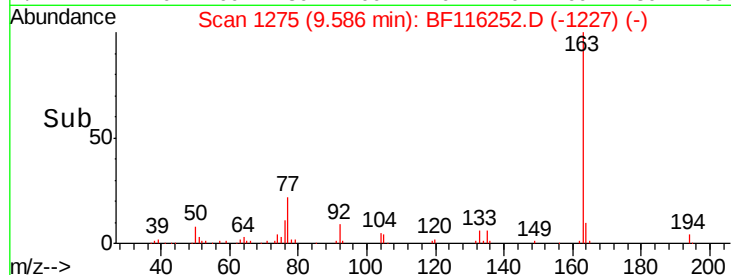
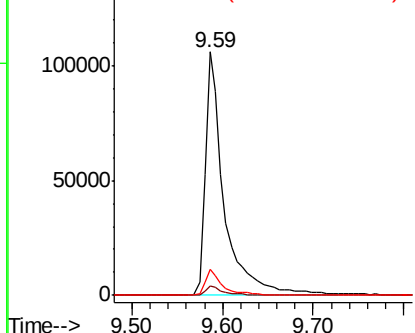
#50
Dimethylphthalate
Concen: 8.067 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116252.D
Acq: 14 Aug 2019 1:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.5	8.4	12.6



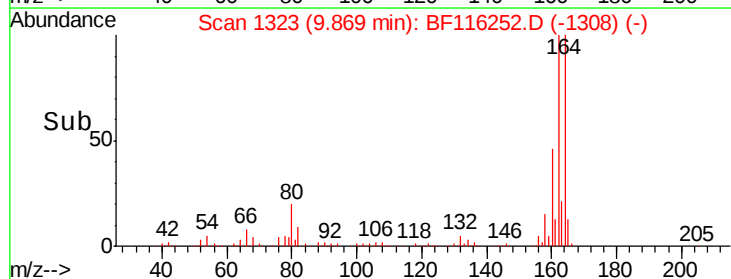
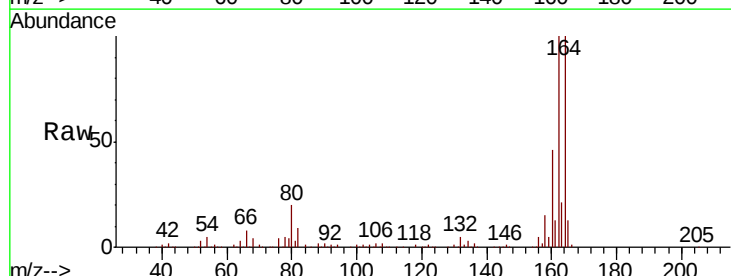
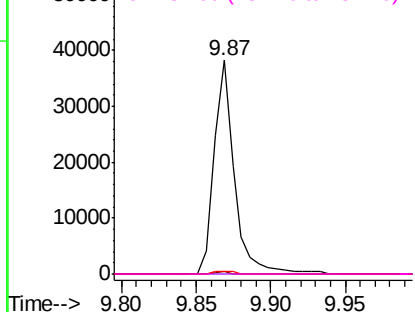
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

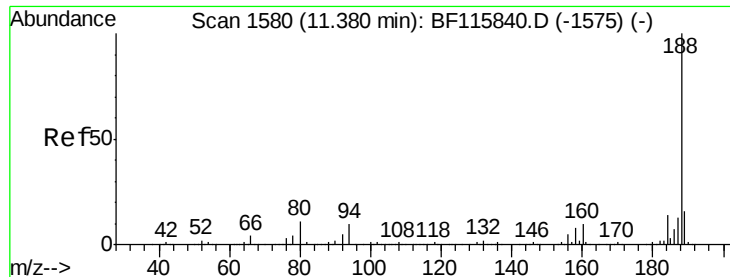


#57
2,4-Dinitrotoluene
Concen: 6.502 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF116252.D
Acq: 14 Aug 2019 1:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#

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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116252.D

Acq: 14 Aug 2019 1:17

Instrument :

BNA_F

ClientSampleId :

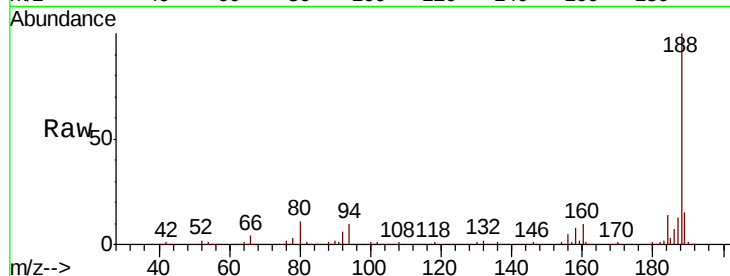
Tot Ion:188 Resp: 522371

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

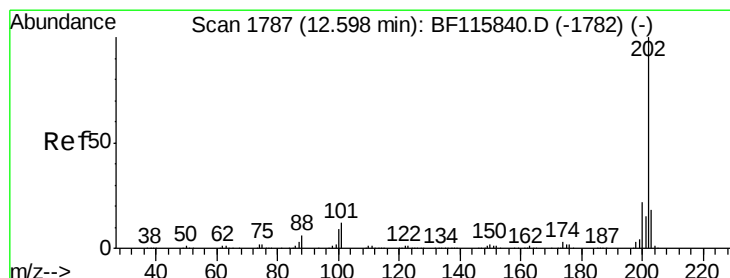
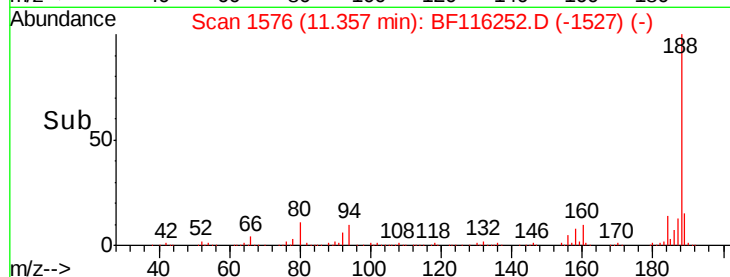
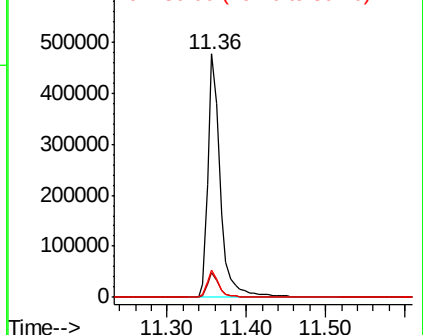
80 11.0 8.7 13.1



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



#75

Fluoranthene

Concen: 3.274 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116252.D

Acq: 14 Aug 2019 1:17

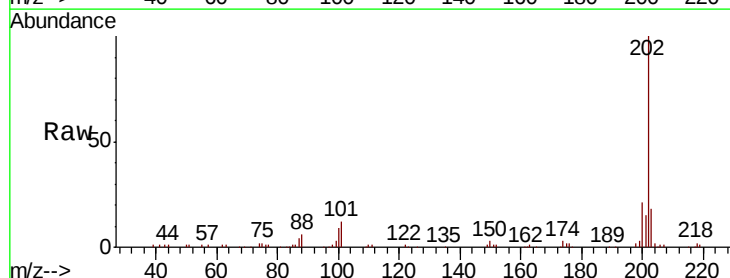
Tgt Ion:202 Resp: 91534

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.2

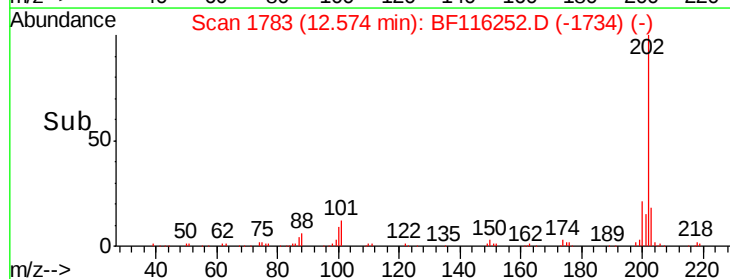
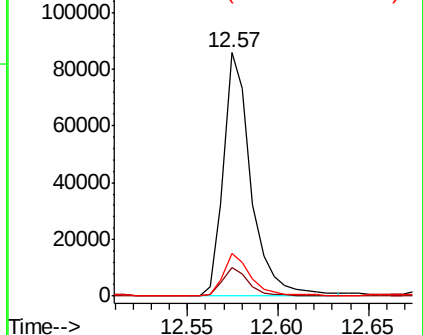
203 17.5 0.0 37.8

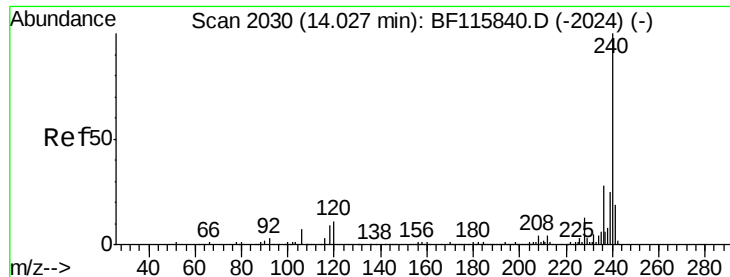


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

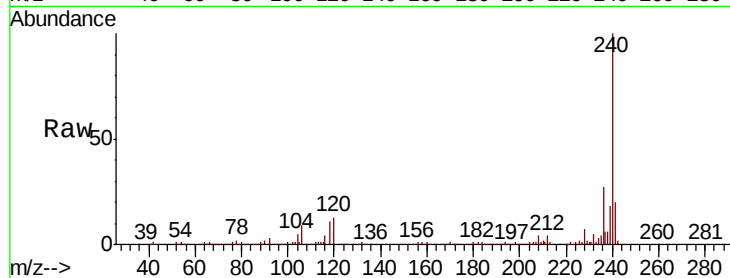




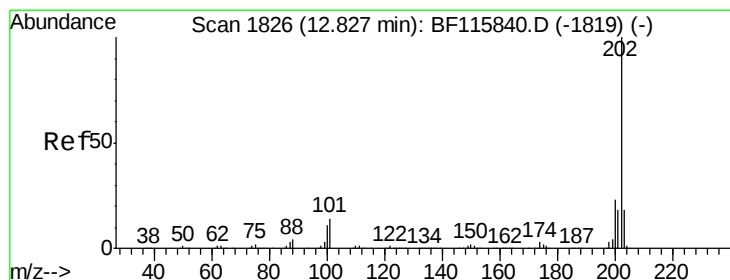
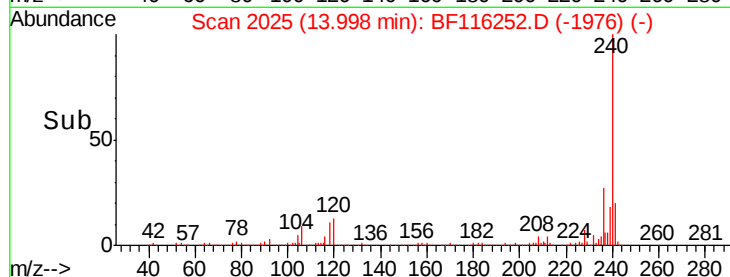
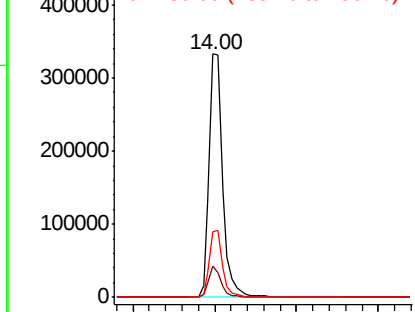
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116252.D
Acq: 14 Aug 2019 1:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 380971
Ion Ratio Lower Upper
240 100
120 12.9 10.7 16.1
236 27.1 22.2 33.2

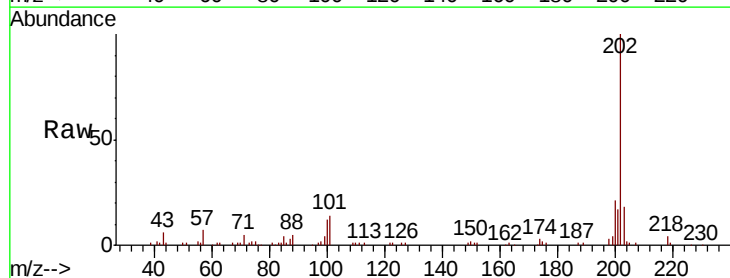


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

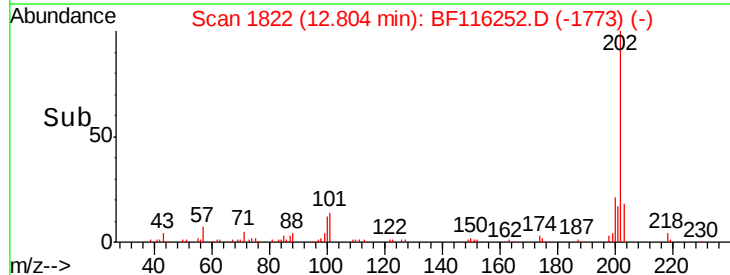
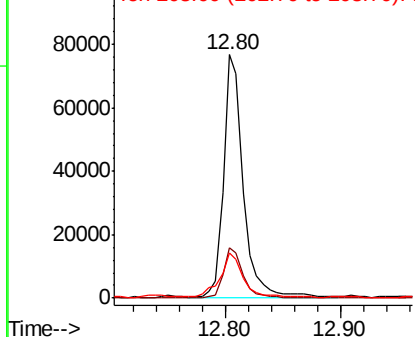


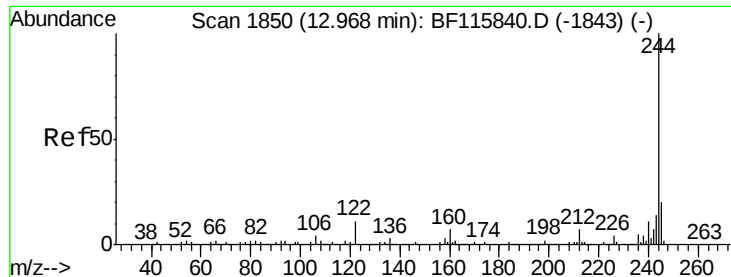
#78
Pyrene
Concen: 3.185 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116252.D
Acq: 14 Aug 2019 1:17

Tgt Ion:202 Resp: 91472
Ion Ratio Lower Upper
202 100
200 20.9 18.0 27.0
203 18.4 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 0.045 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116252.D

Acq: 14 Aug 2019 1:17

Instrument :

BNA_F

ClientSampleId :

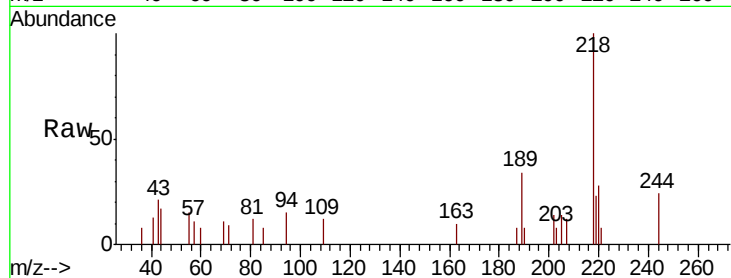
Tot Ion:244 Resp: 808

Ion Ratio Lower Upper

244 100

212 0.0 5.8 8.8#

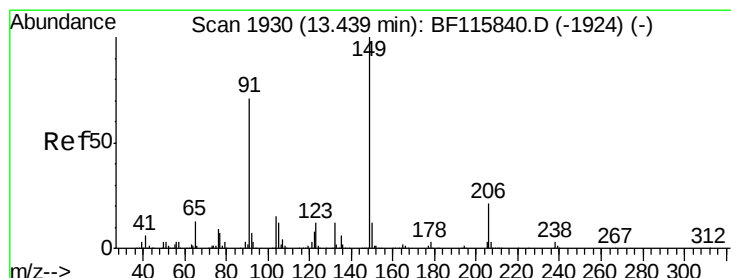
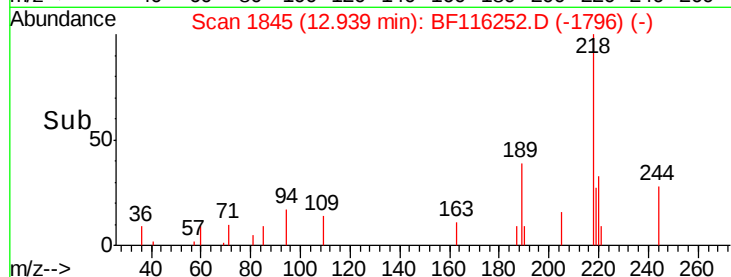
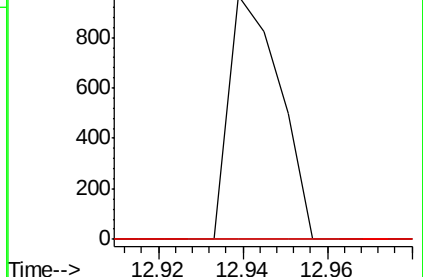
122 0.0 9.0 13.4#



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



#80

Butylbenzylphthalate

Concen: 5.368 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF116252.D

Acq: 14 Aug 2019 1:17

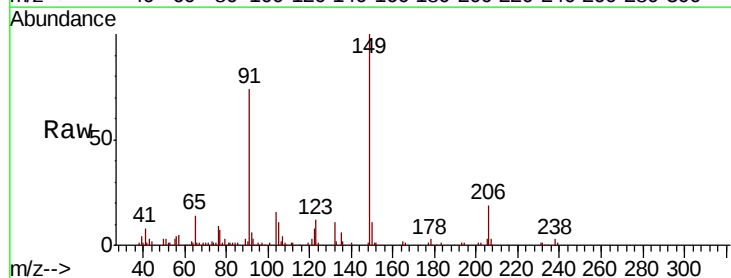
Tgt Ion:149 Resp: 65212

Ion Ratio Lower Upper

149 100

91 74.5 56.3 84.5

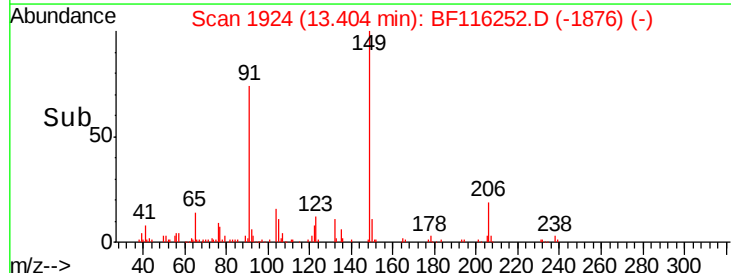
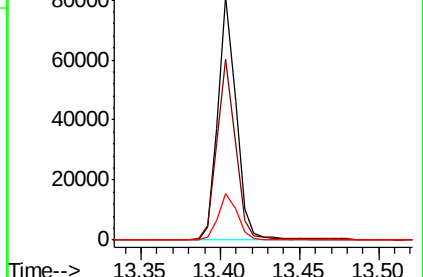
206 19.2 18.0 27.0

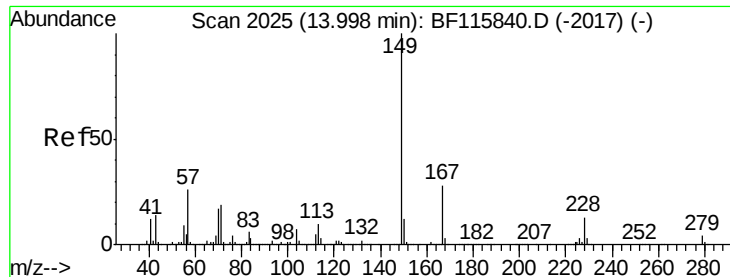


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.768 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF116252.D

Acq: 14 Aug 2019 1:17

Instrument :

BNA_F

ClientSampled :

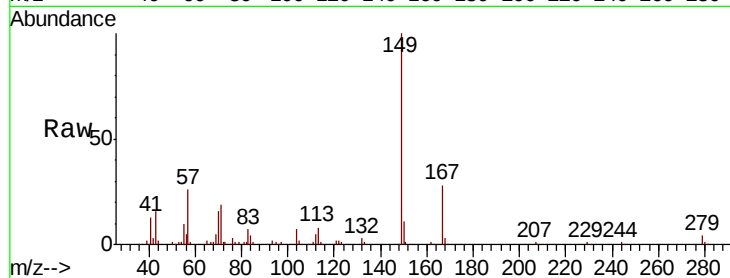
Tot Ion:149 Resp: 91048

Ion Ratio Lower Upper

149 100

167 27.8 21.6 32.4

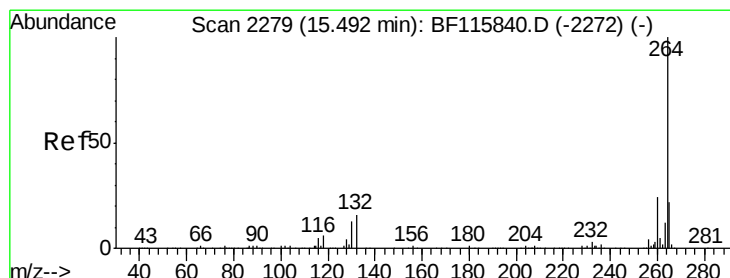
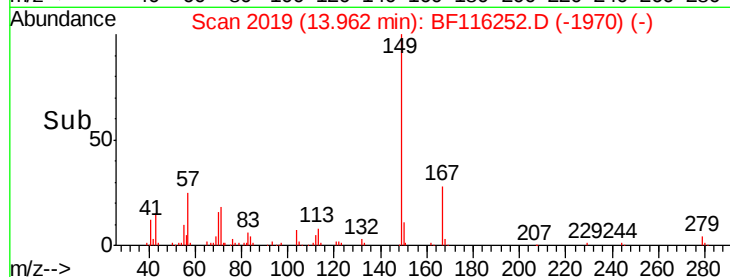
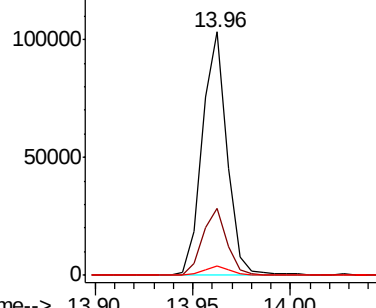
279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116252.D

Acq: 14 Aug 2019 1:17

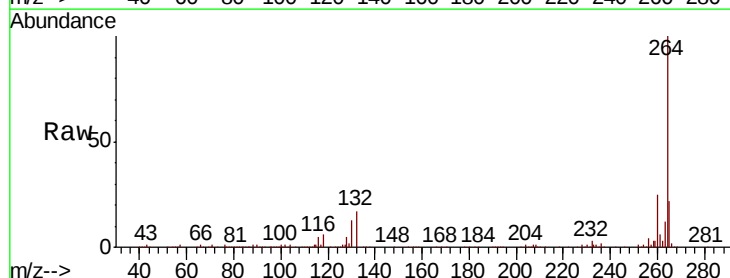
Tgt Ion:264 Resp: 372877

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

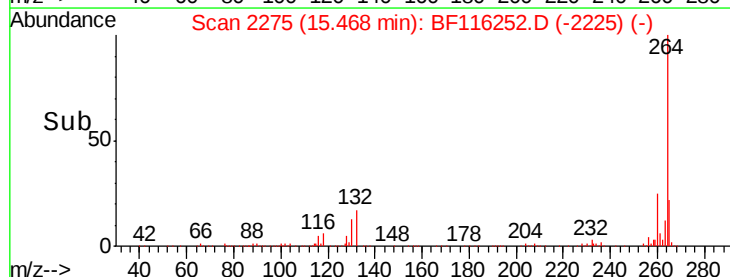
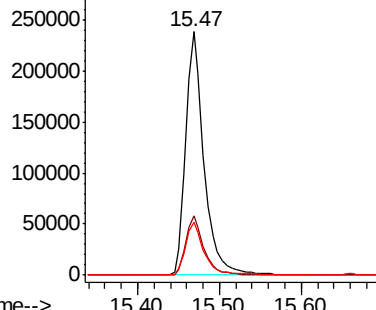
265 21.6 17.4 26.0

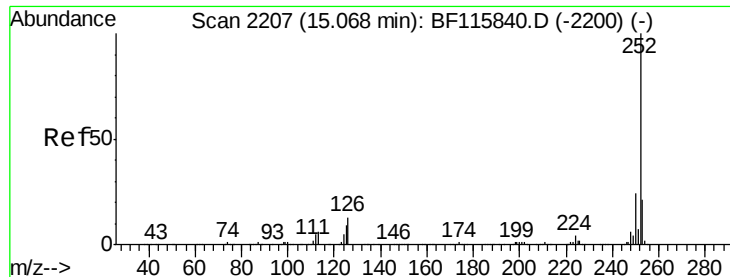


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

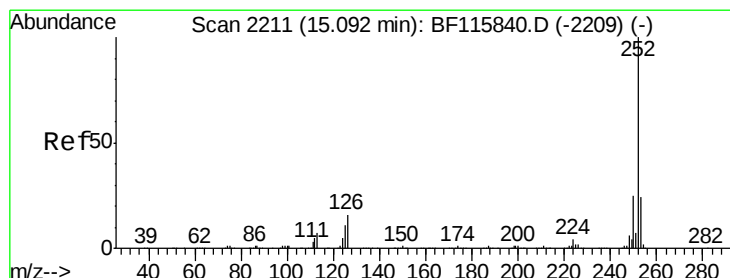
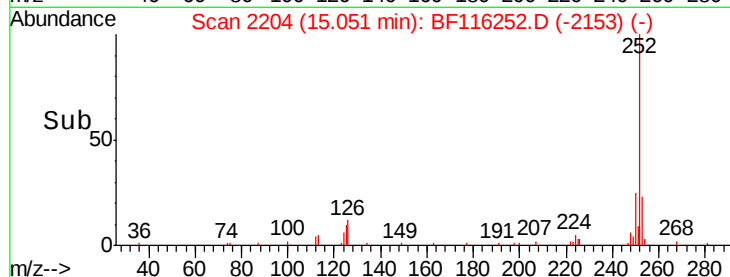
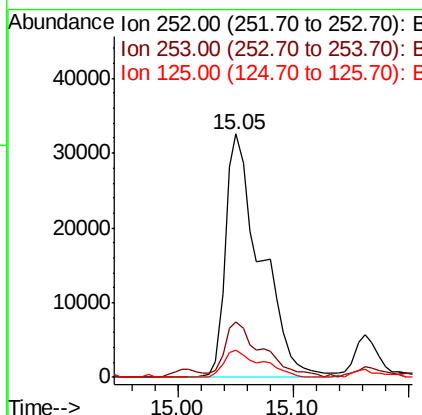
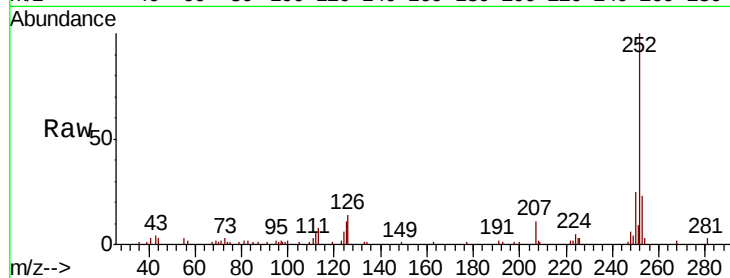




#88
Benzo(b)fluoranthene
Concen: 3.205 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF116252.D
Acq: 14 Aug 2019 1:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.2	8.4	12.6



#89
Benzo(k)fluoranthene
Concen: 3.291 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF116252.D
Acq: 14 Aug 2019 1:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.2	7.7	11.5

