

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116819.D
 Acq On : 4 Sep 2019 16:54
 Operator : HP/JU
 Sample : K4639-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-01

Quant Time: Sep 05 03:56:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

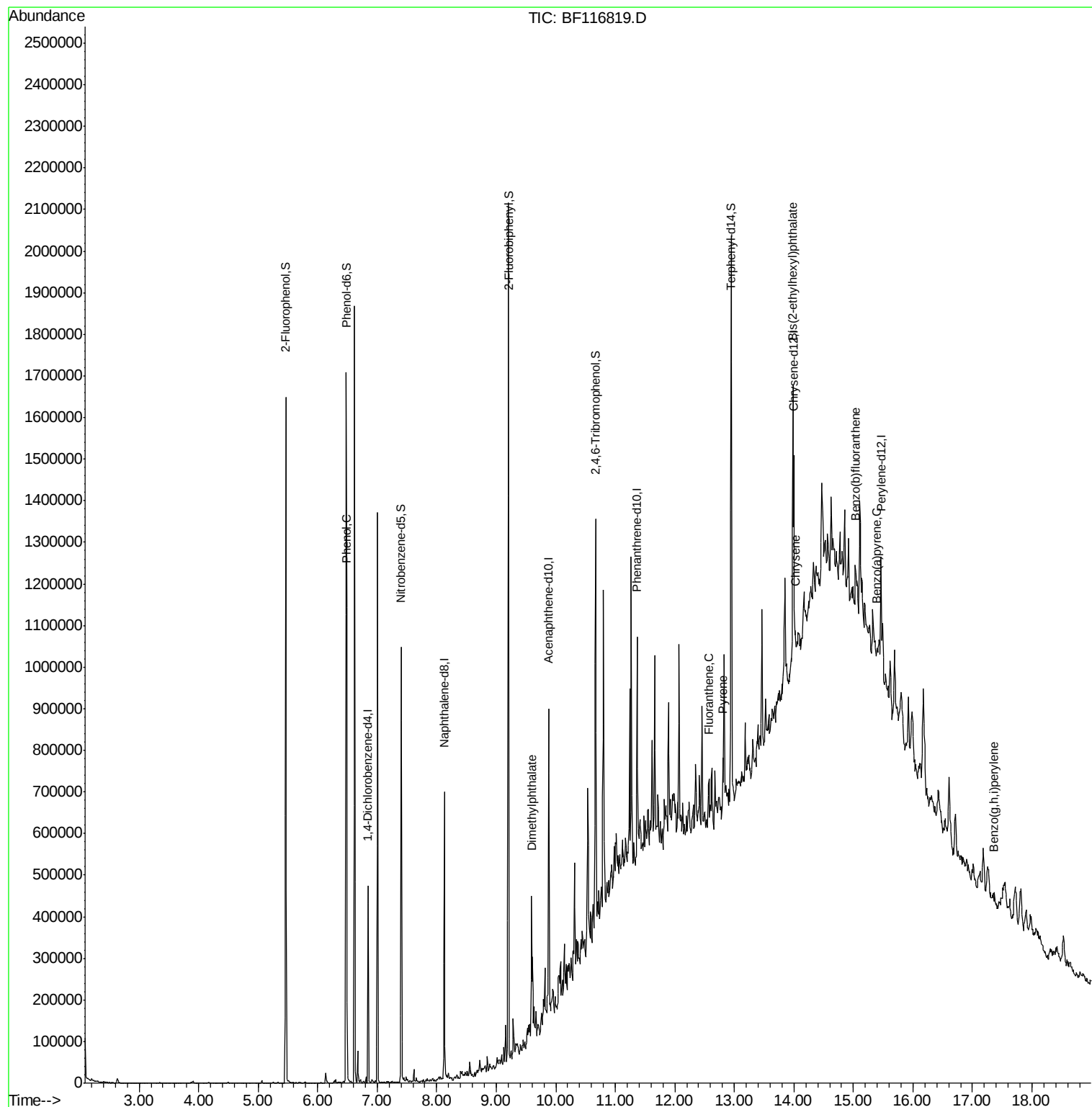
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	69503	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	277695	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	137662	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	188633	20.00	ng	0.00
76) Chrysene-d12	14.00	240	139369	20.00	ng	0.00
87) Perylene-d12	15.46	264	122866	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	458328	106.83	ng	0.00
7) Phenol-d6	6.48	99	614407	109.06	ng	0.00
23) Nitrobenzene-d5	7.40	82	360368	74.08	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	98435	106.96	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	558121	68.39	ng	0.00
79) Terphenyl-d14	12.94	244	409119	54.31	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.49	94	21571	3.458	ng	98
50) Dimethylphthalate	9.59	163	93793	9.869	ng	98
75) Fluoranthene	12.57	202	34379	3.331	ng	93
78) Pyrene	12.80	202	48480	3.913	ng	97
83) Chrysene	14.02	228	29253	3.219	ng	# 88
84) Bis(2-ethylhexyl)phthalate	13.98	149	183569	24.683	ng	99
88) Benzo(b)fluoranthene	15.03	252	33073m	4.452	ng	
90) Benzo(a)pyrene	15.40	252	13733	2.125	ng	# 1
92) Benzo(g,h,i)perylene	17.36	276	14063	2.438	ng	# 73

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

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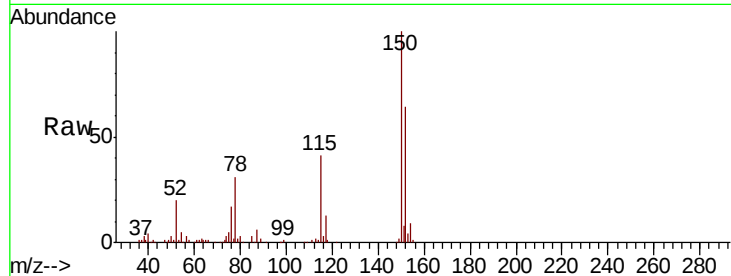


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116819.D
Acq: 4 Sep 2019 16:54

Instrument :
BNA_F
ClientSampleId :
DW-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.4	186.6
115	64.4	49.9	74.9

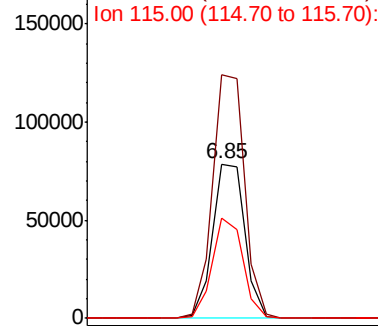


Abundance

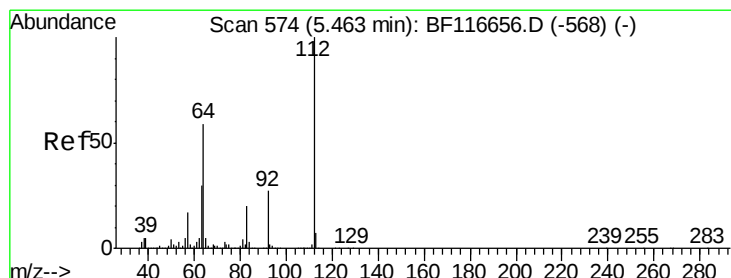
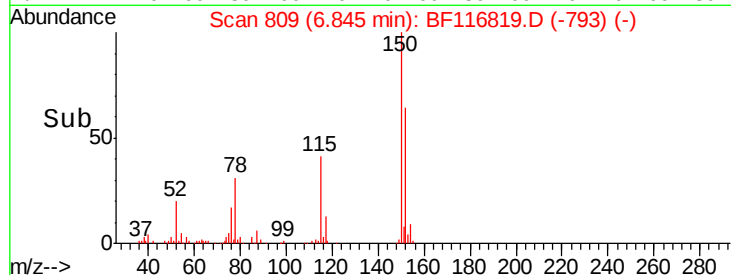
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



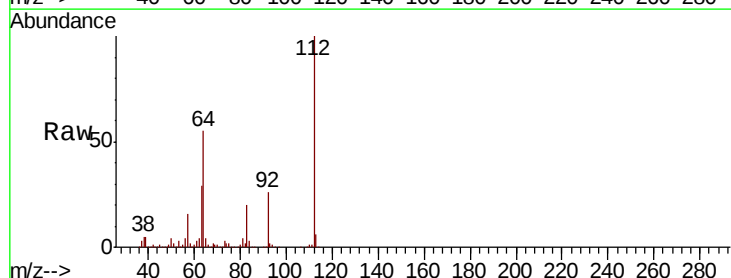
Time-->



#5

2-Fluorophenol
Concen: 106.832 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116819.D
Acq: 4 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.1	70.7
63	29.5	24.9	37.3

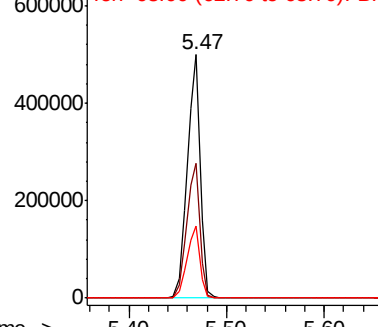


Abundance

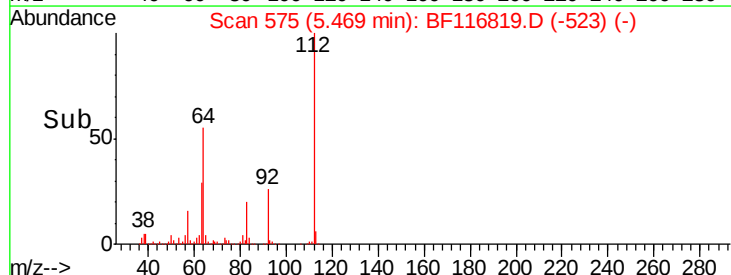
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 109.064 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116819.D

Acq: 4 Sep 2019 16:54

Instrument :

BNA_F

ClientSampleId :

DW-01

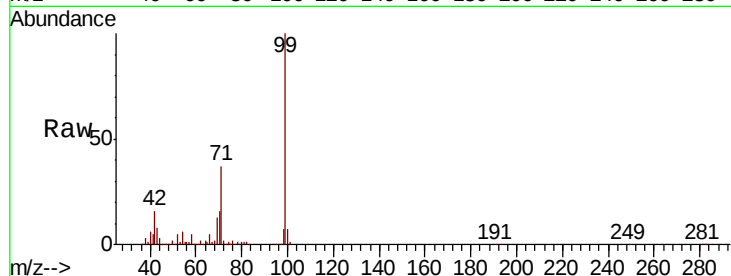
Tot Ion: 99 Resp: 614407

Ion Ratio Lower Upper

99 100

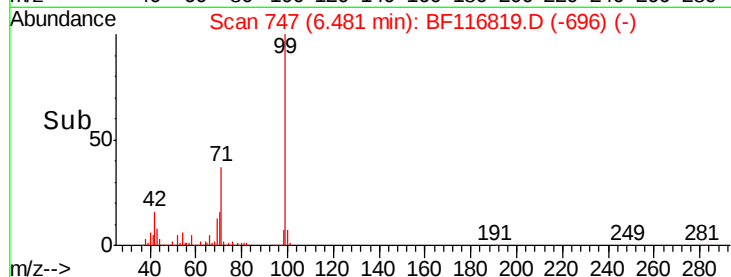
42 15.7 13.7 20.5

71 37.0 30.8 46.2

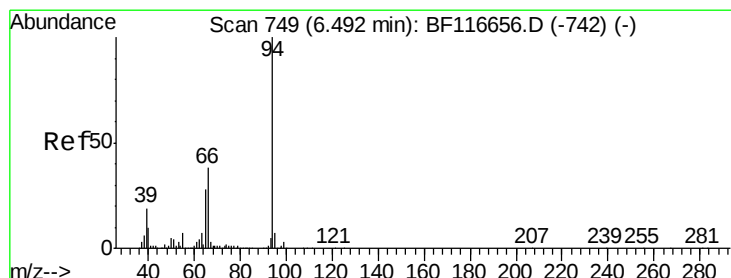


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

6.48



Time--> 6.40 6.45 6.50 6.55



#10

Phenol

Concen: 3.458 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116819.D

Acq: 4 Sep 2019 16:54

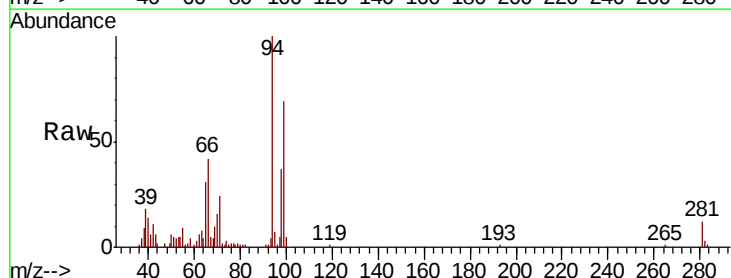
Tgt Ion: 94 Resp: 21571

Ion Ratio Lower Upper

94 100

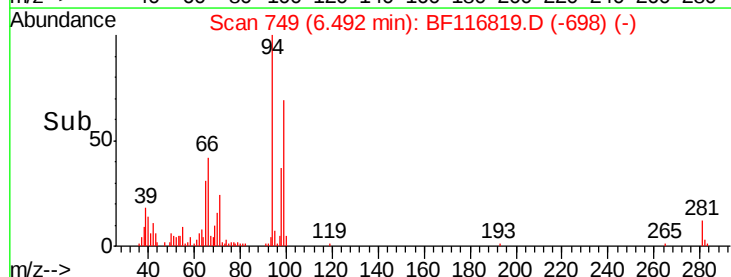
65 31.4 10.8 50.8

66 42.3 21.1 61.1



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

6.49



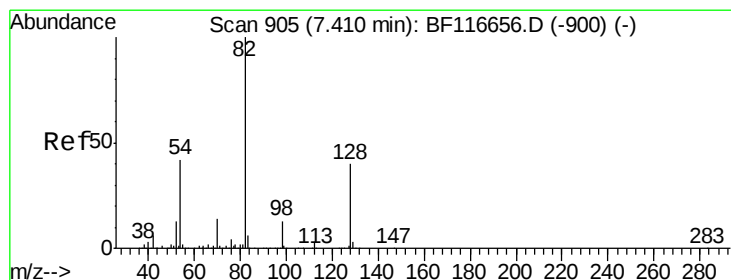
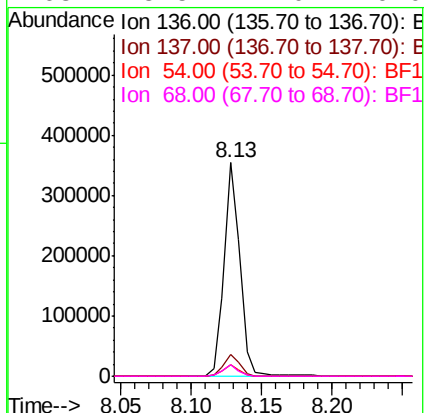
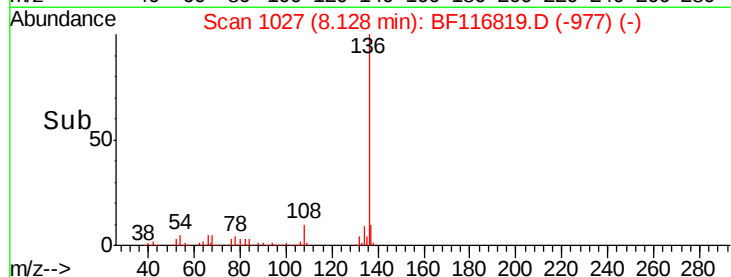
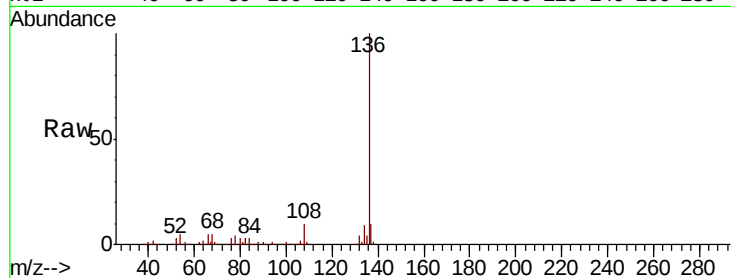
Time--> 6.45 6.50 6.55



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116819.D
Acq: 4 Sep 2019 16:54

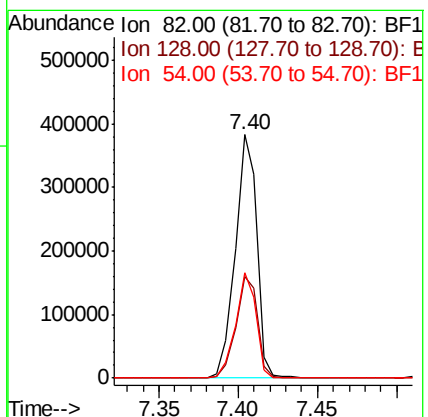
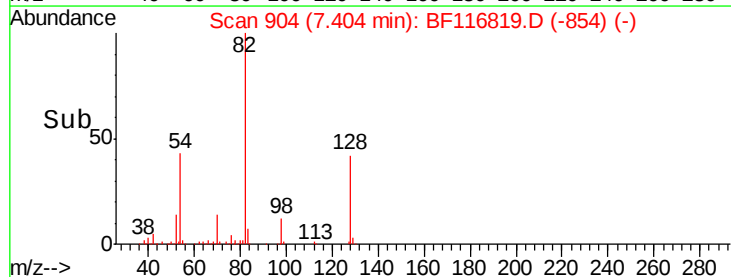
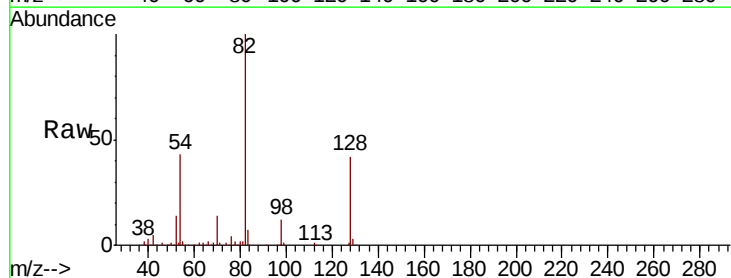
Instrument :
BNA_F
ClientSampleId :
DW-01

Tot Ion:136	Resp:	277695
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.9	13.3
54 5.4	4.8	7.2
68 5.5	4.0	6.0



#23
Nitrobenzene-d5
Concen: 74.083 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116819.D
Acq: 4 Sep 2019 16:54

Tgt	Ion: 82	Resp:	360368
Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.8	49.2
54	43.4	36.9	55.3

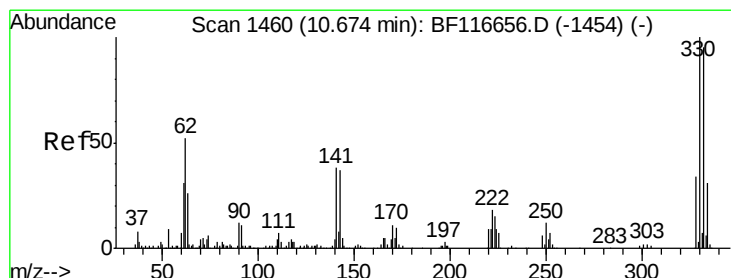
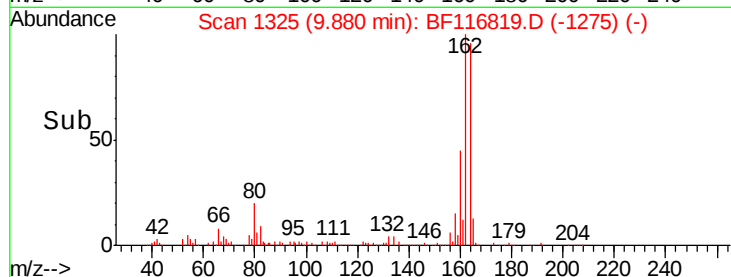
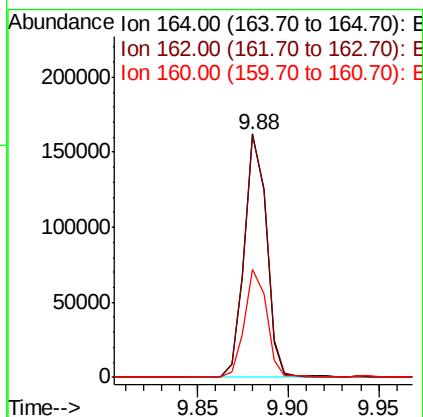
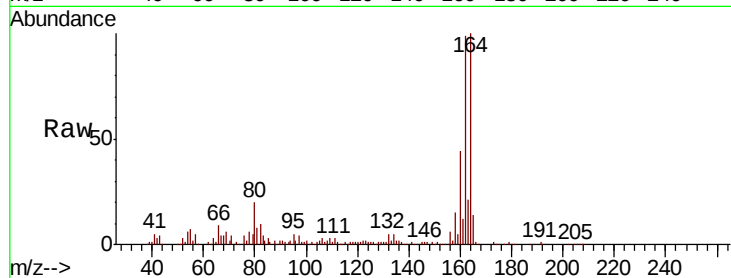




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116819.D
Acq: 4 Sep 2019 16:54

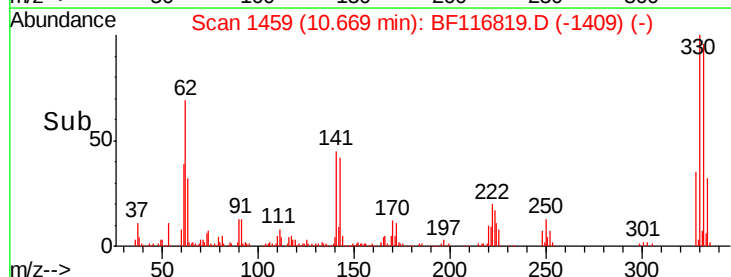
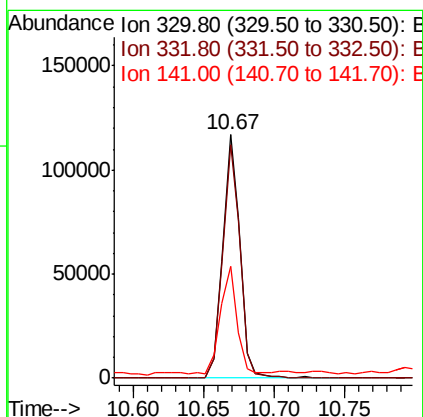
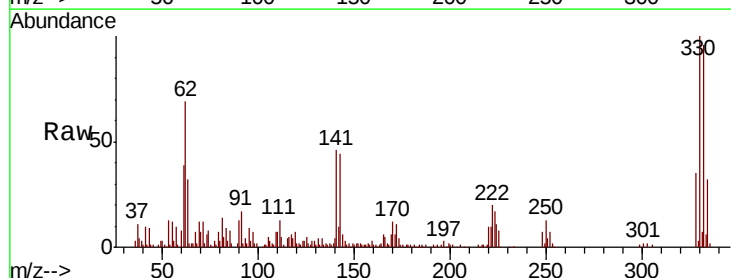
Instrument :
BNA_F
ClientSampleId :
DW-01

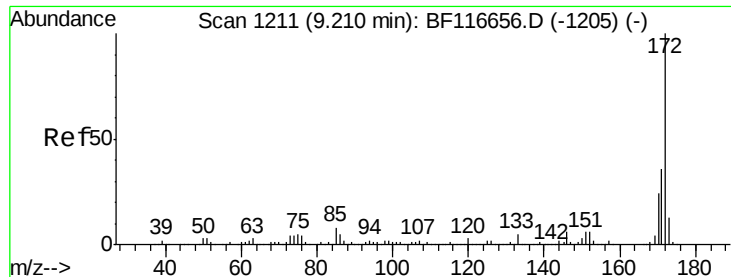
Tot Ion:164 Resp: 137662
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 44.2 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 106.960 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116819.D
Acq: 4 Sep 2019 16:54

Tgt Ion:330 Resp: 98435
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 42.0 31.4 47.2

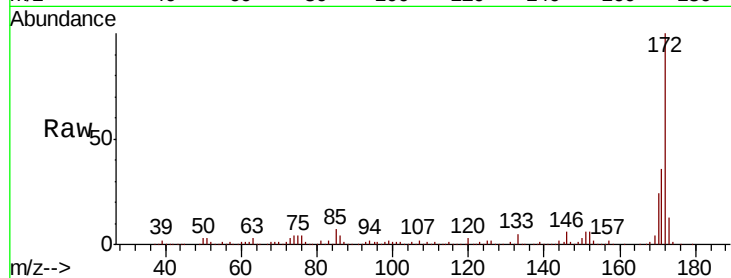




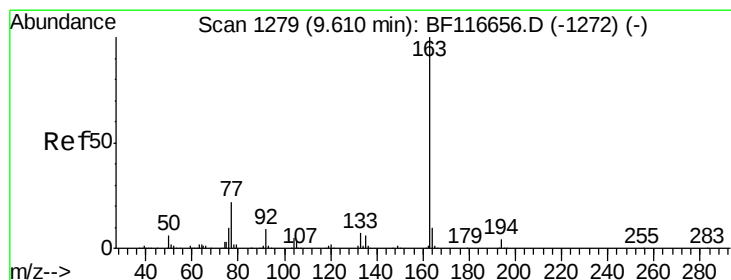
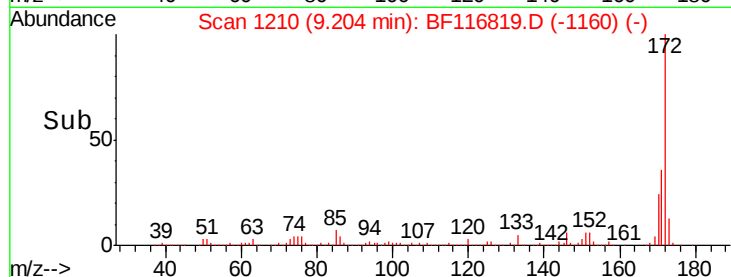
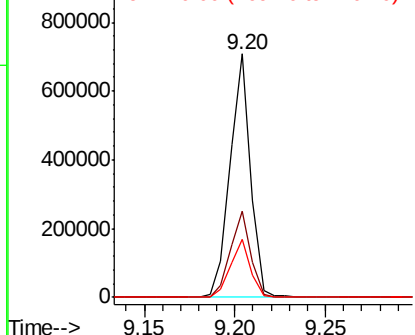
#45
2-Fluorobiphenyl
Concen: 68.392 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116819.D
Acq: 4 Sep 2019 16:54

Instrument :
BNA_F
ClientSampleId :
DW-01

Tot Ion:172 Resp: 558121
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.6
170 23.8 18.9 28.3

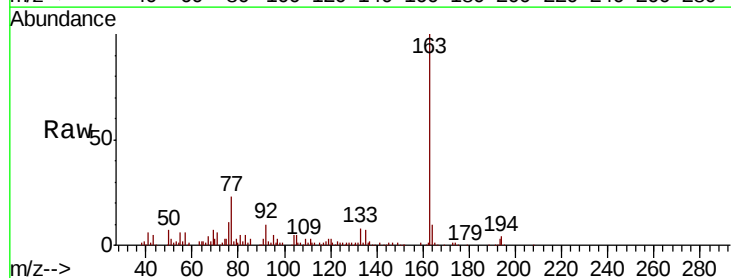


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

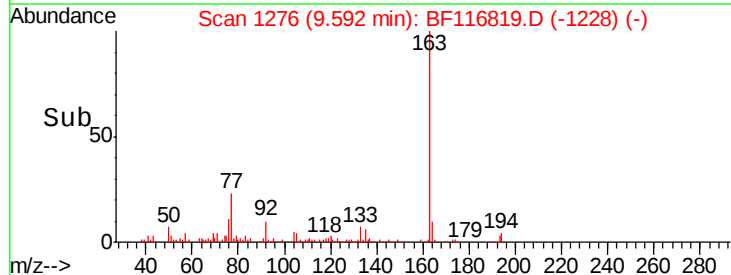
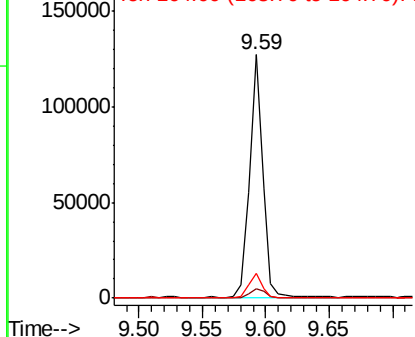


#50
Dimethylphthalate
Concen: 9.869 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116819.D
Acq: 4 Sep 2019 16:54

Tgt Ion:163 Resp: 93793
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 10.0 8.6 12.8



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

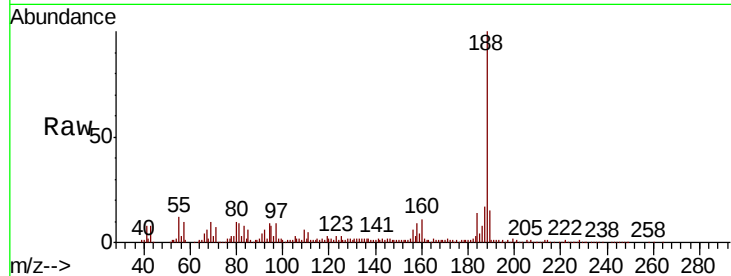




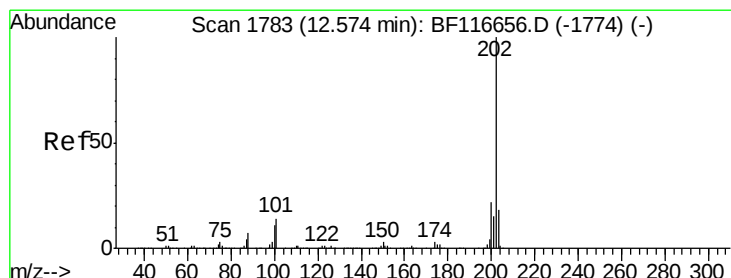
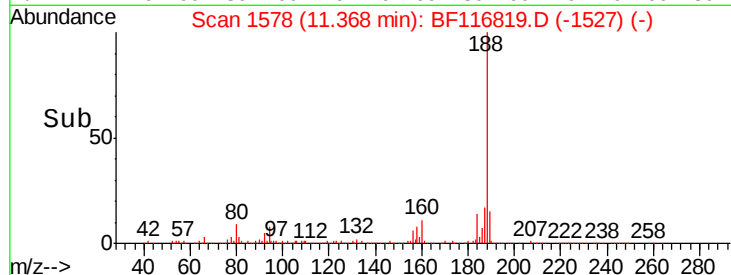
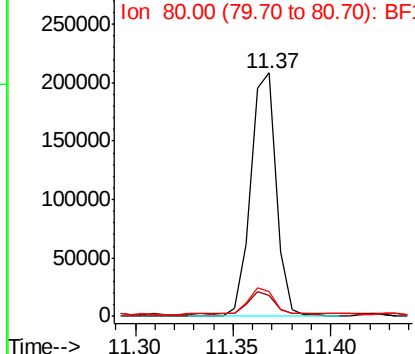
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116819.D
Acq: 4 Sep 2019 16:54

Instrument :
BNA_F
ClientSampleId :
DW-01

Tot Ion:188 Resp: 188633
Ion Ratio Lower Upper
188 100
94 8.6 7.3 10.9
80 10.3 8.4 12.6

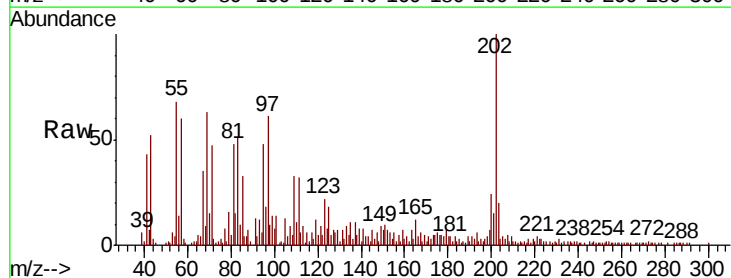


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

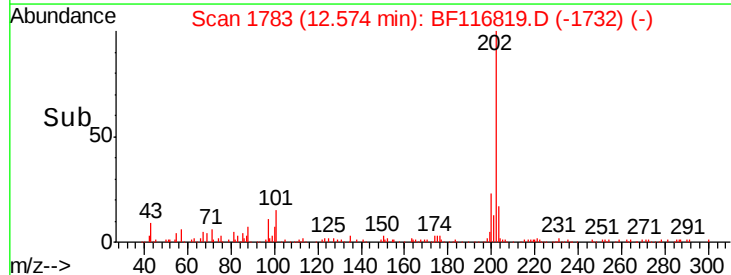
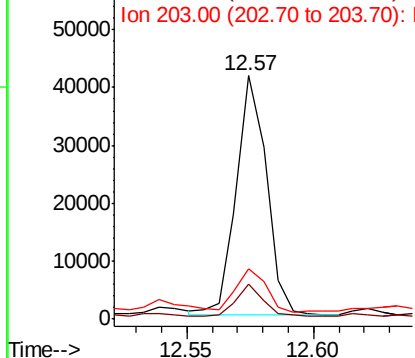


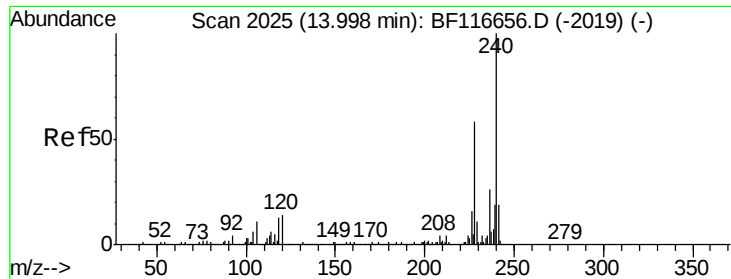
#75
Fluoranthene
Concen: 3.331 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF116819.D
Acq: 4 Sep 2019 16:54

Tgt Ion:202 Resp: 34379
Ion Ratio Lower Upper
202 100
101 14.5 0.0 31.3
203 20.5 0.0 37.6



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

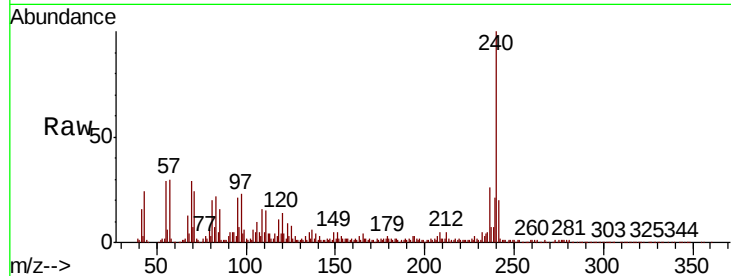




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116819.D
Acq: 4 Sep 2019 16:54

Instrument :
BNA_F
ClientSampleId :
DW-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.1	13.7
236	26.4	21.1	31.7

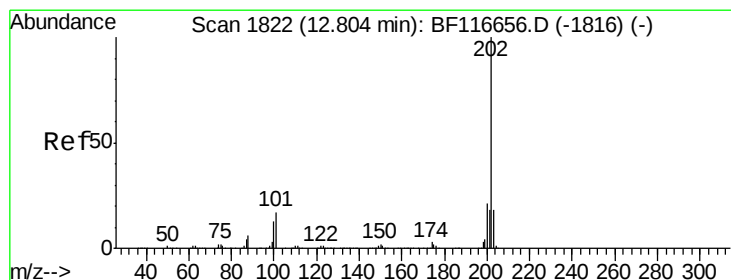
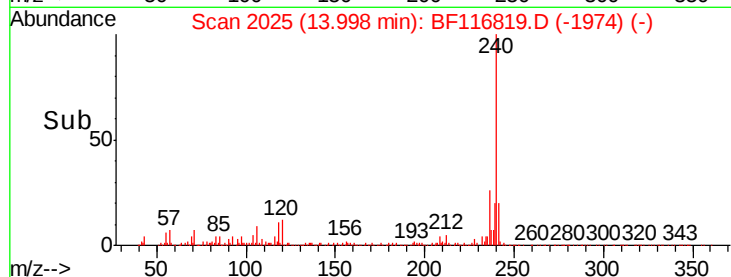
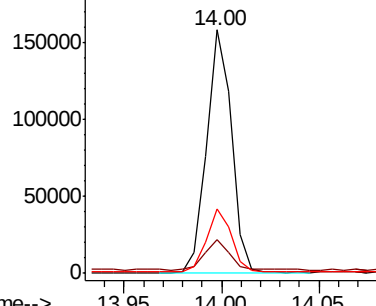


Abundance

Ion 240.00 (239.70 to 240.70): E

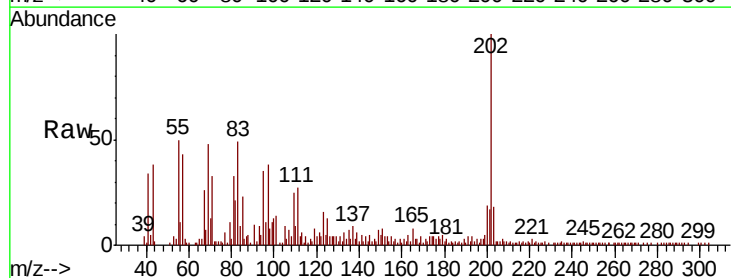
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 3.913 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116819.D
Acq: 4 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.7	16.5	24.7
203	17.8	13.7	20.5

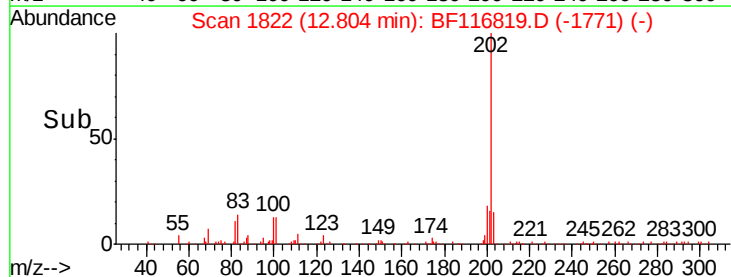
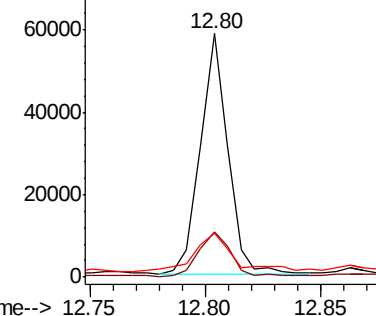


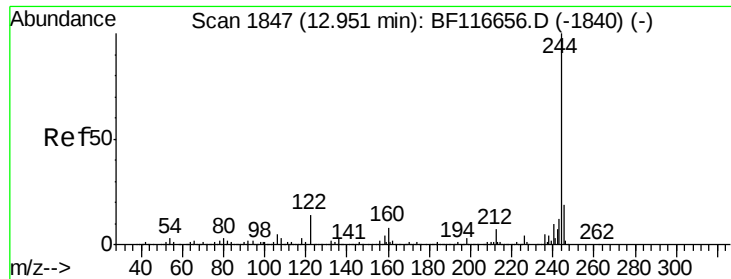
Abundance

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

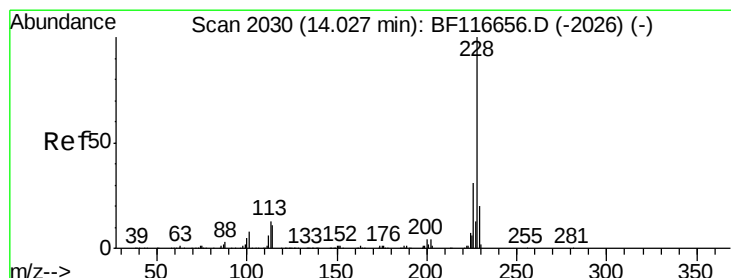
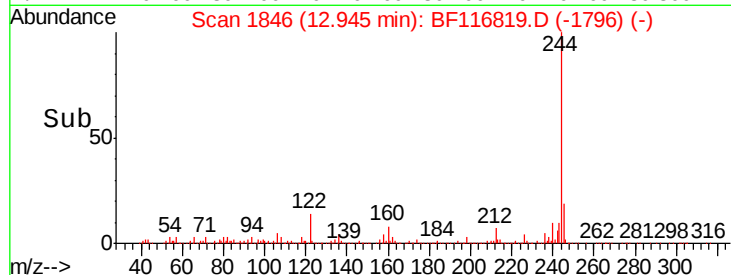
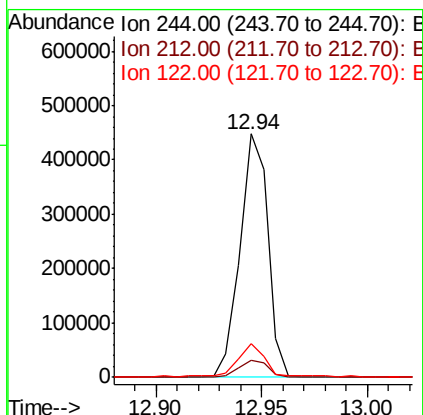
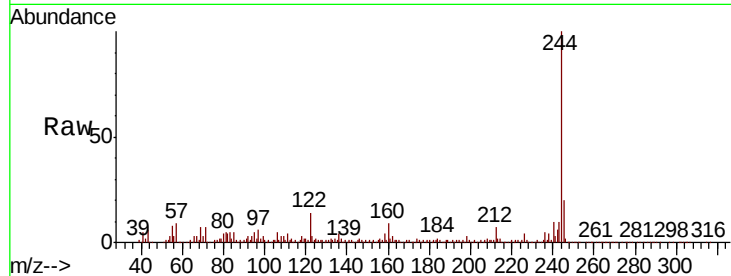




#79
 Terphenyl-d14
 Concen: 54.305 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116819.D
 Acq: 4 Sep 2019 16:54

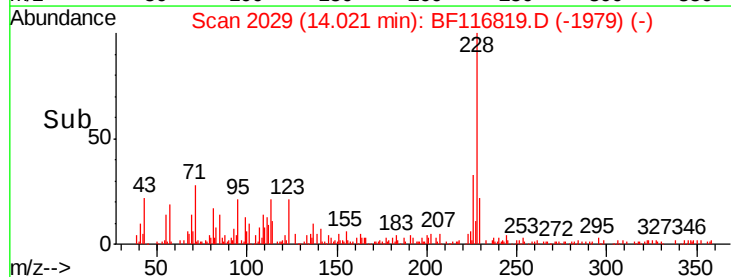
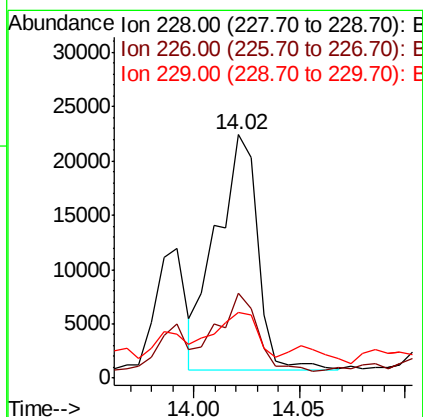
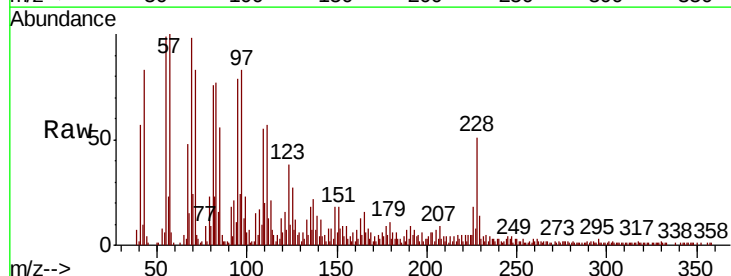
Instrument :
 BNA_F
 ClientSampleId :
 DW-01

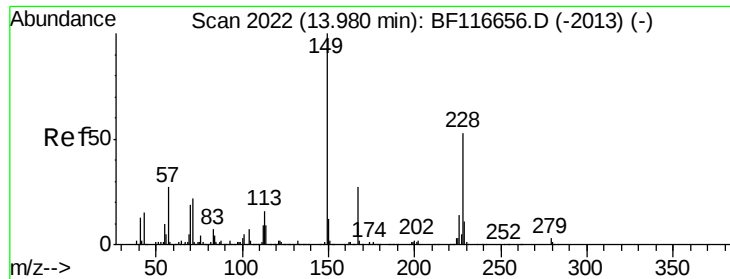
Tot Ion:244 Resp: 409119
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 13.9 10.2 15.4



#83
 Chrysene
 Concen: 3.219 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF116819.D
 Acq: 4 Sep 2019 16:54

Tgt Ion:228 Resp: 29253
 Ion Ratio Lower Upper
 228 100
 226 34.9 24.0 36.0
 229 26.9 15.4 23.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 24.683 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF116819.D

Acq: 4 Sep 2019 16:54

Instrument :

BNA_F

ClientSampleId :

DW-01

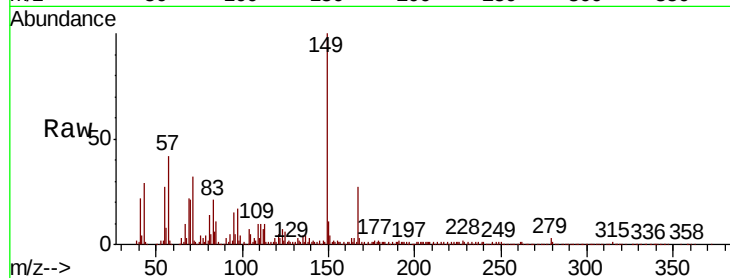
Tot Ion:149 Resp: 183569

Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

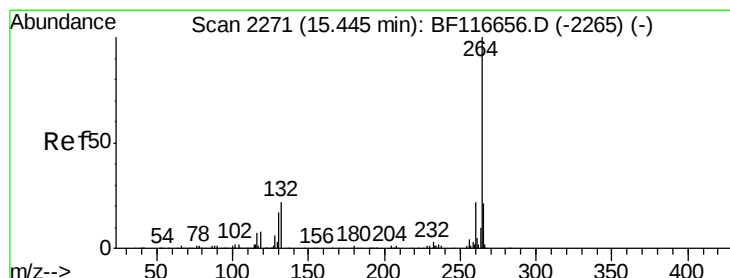
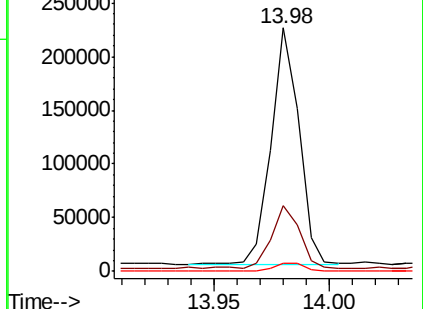
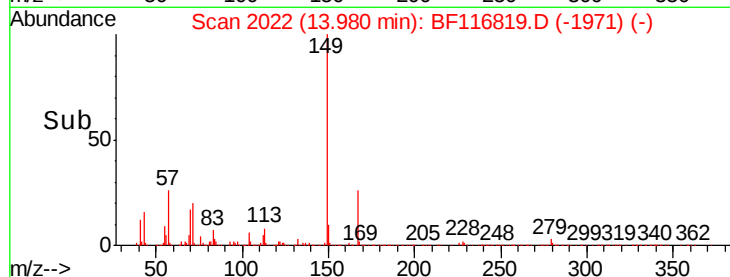
279 3.4 2.8 4.2



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: 15.46 min Scan# 2274

Delta R.T. 0.02 min

Lab File: BF116819.D

Acq: 4 Sep 2019 16:54

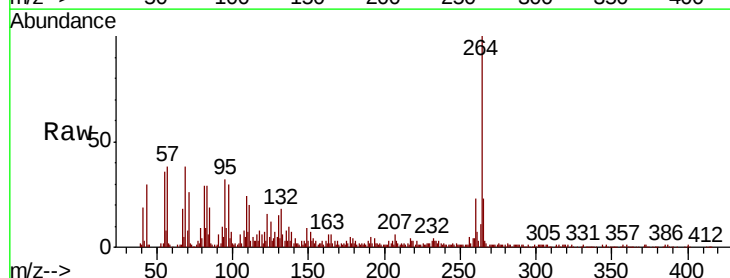
Tgt Ion:264 Resp: 122866

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

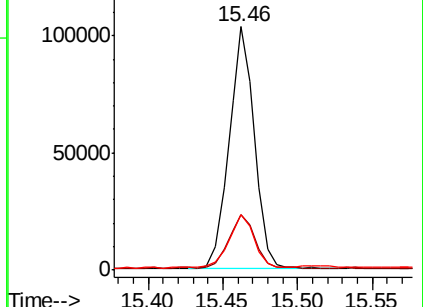
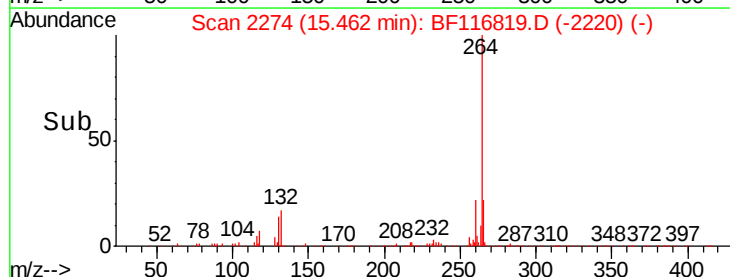
265 22.7 16.5 24.7

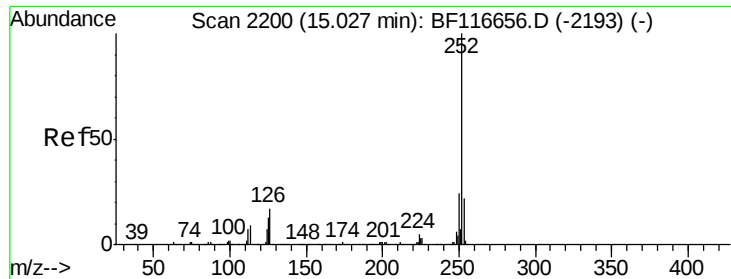


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

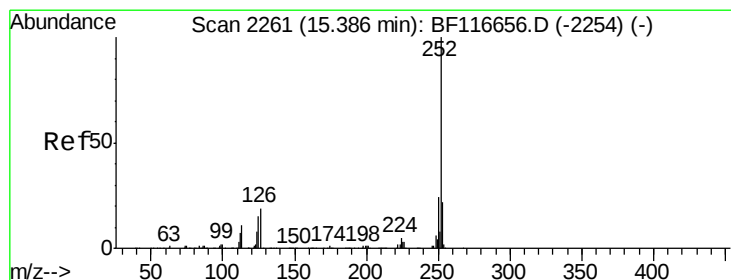
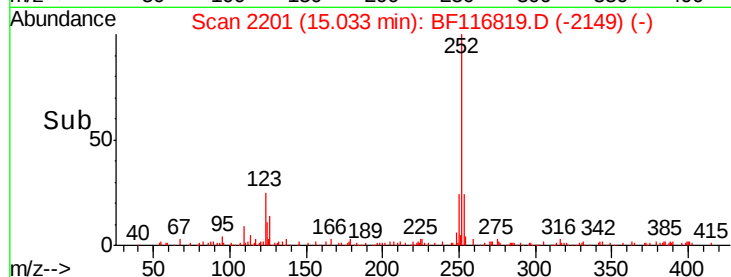
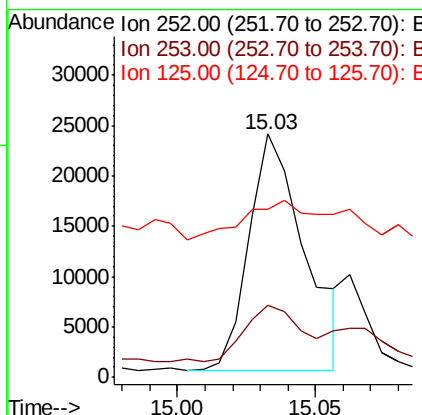
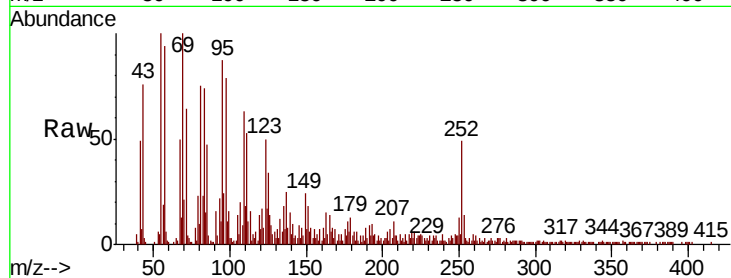




#88
Benzo(b)fluoranthene
Concen: 4.452 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF116819.D
Acq: 4 Sep 2019 16:54

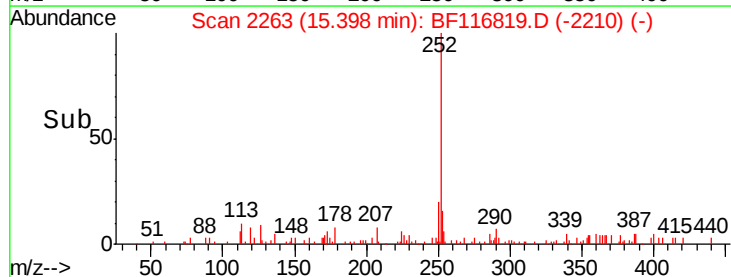
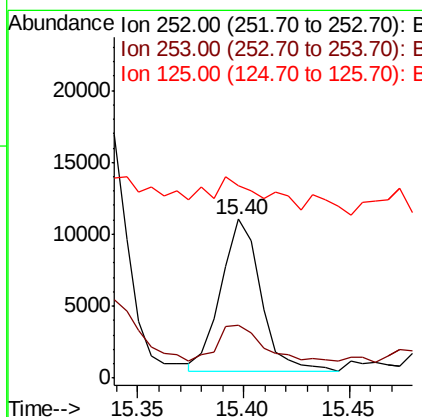
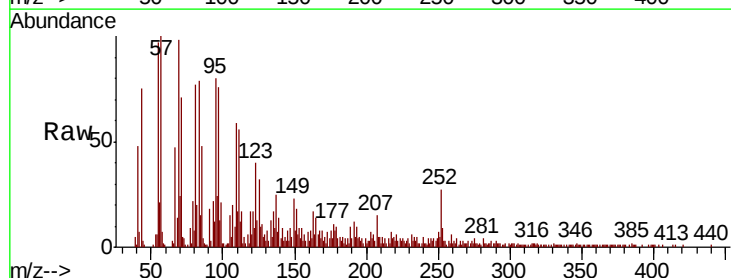
Instrument :
BNA_F
ClientSampleId :
DW-01

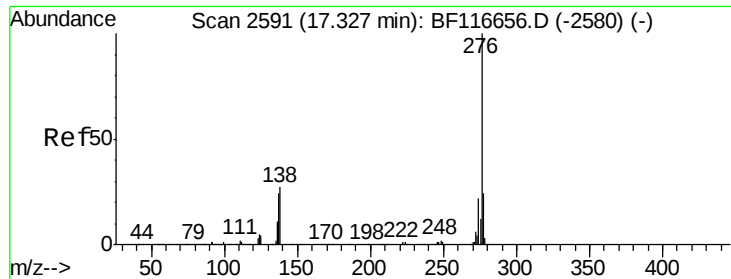
Tot Ion:252 Resp: 33073
Ion Ratio Lower Upper
252 100
253 29.5 17.7 26.5#
125 69.1 8.2 12.2#



#90
Benzo(a)pyrene
Concen: 2.125 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116819.D
Acq: 4 Sep 2019 16:54

Tgt Ion:252 Resp: 13733
Ion Ratio Lower Upper
252 100
253 33.1 18.1 27.1#
125 121.0 9.8 14.8#





#92
 Benzo(a,h,i)perylene
 Concen: 2.438 ng
 RT: 17.36 min Scan# 2596
 Delta R.T. 0.03 min
 Lab File: BF116819.D
 Acq: 4 Sep 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 DW-01

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.3	18.5	27.7#
138	38.8	16.2	24.2#

