

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117257.D
 Acq On : 25 Sep 2019 22:51
 Operator : JU
 Sample : K4663-07 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-092419

Quant Time: Sep 26 11:16:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

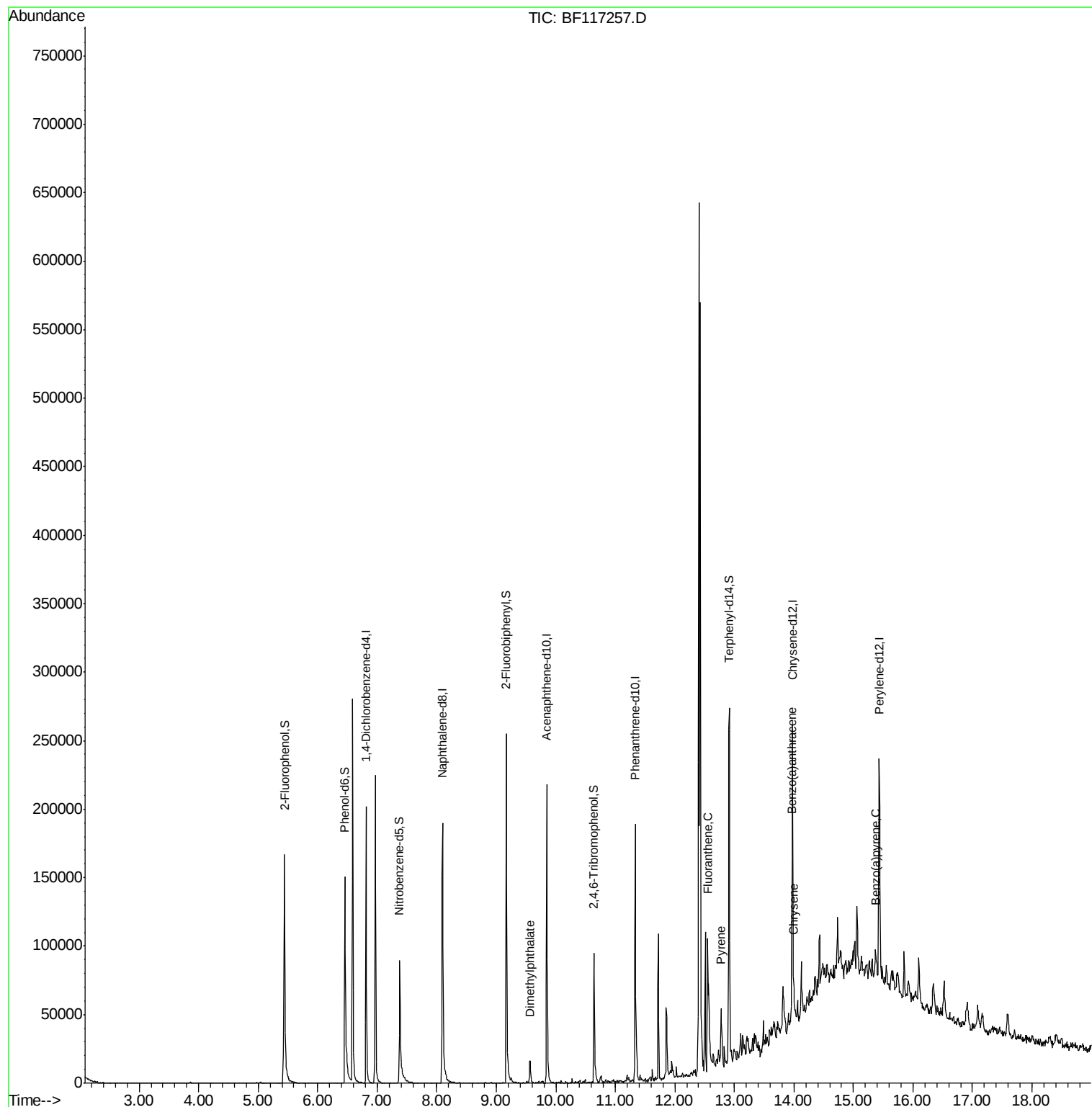
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	33873	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	126063	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	57754	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	82044	20.00	ng	0.00
76) Chrysene-d12	13.97	240	64016	20.00	ng	0.00
87) Perylene-d12	15.43	264	54957	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	66826	30.80	ng	0.00
7) Phenol-d6	6.46	99	92161	32.87	ng	0.00
23) Nitrobenzene-d5	7.37	82	55325	23.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	14216	29.45	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	96926	26.24	ng	0.00
79) Terphenyl-d14	12.92	244	84133	24.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	10411	2.546	ng	Qvalue # 97
75) Fluoranthene	12.55	202	12612	2.634	ng	98
78) Pyrene	12.78	202	17483	3.255	ng	99
81) Benzo(a)anthracene	13.96	228	8905	2.082	ng	# 88
83) Chrysene	14.00	228	10318	2.473	ng	# 93
90) Benzo(a)pyrene	15.37	252	6941	2.376	ng	# 93

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

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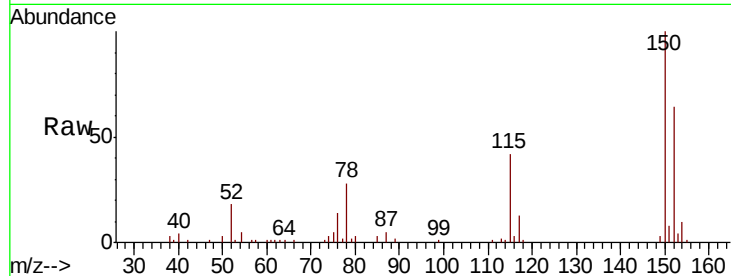


#1

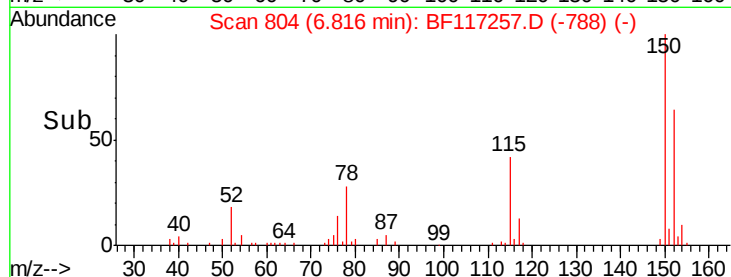
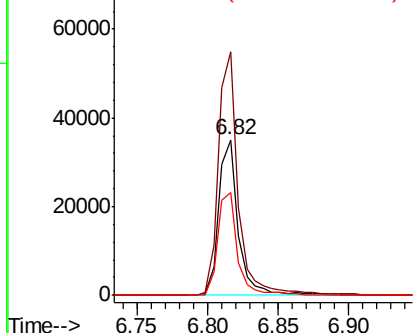
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117257.D
Acq: 25 Sep 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OK-02-092419

Tot Ion:152 Resp: 33873
Ion Ratio Lower Upper
152 100
150 156.5 127.5 191.3
115 65.8 55.0 82.4



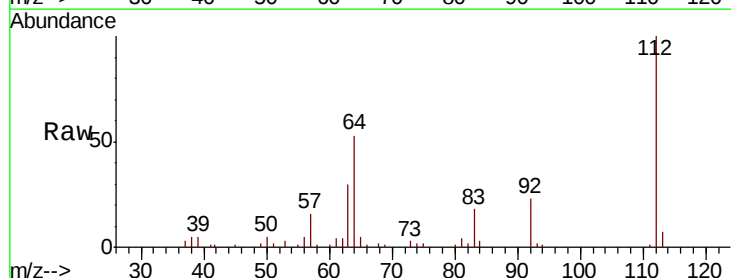
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



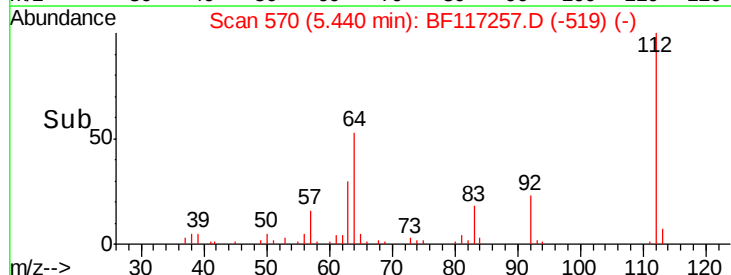
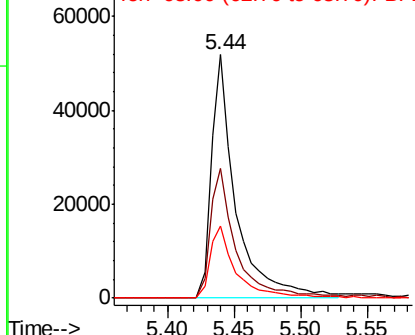
#5

2-Fluorophenol
Concen: 30.801 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117257.D
Acq: 25 Sep 2019 22:51

Tgt Ion:112 Resp: 66826
Ion Ratio Lower Upper
112 100
64 53.3 45.7 68.5
63 29.8 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





#7

Phenol-d6

Concen: 32.869 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117257.D

Acq: 25 Sep 2019 22:51

Instrument :

BNA_F

ClientSampleId :

OK-02-092419

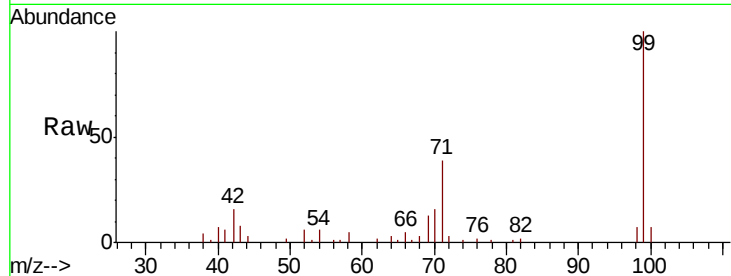
Tot Ion: 99 Resp: 92161

Ion Ratio Lower Upper

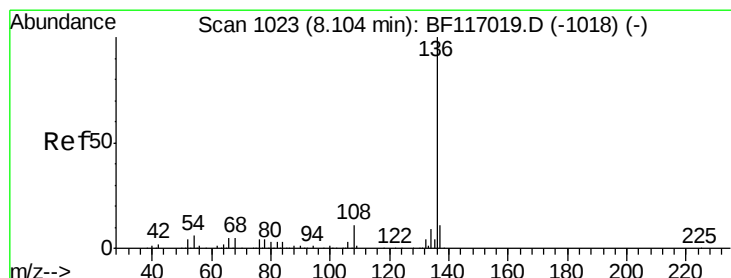
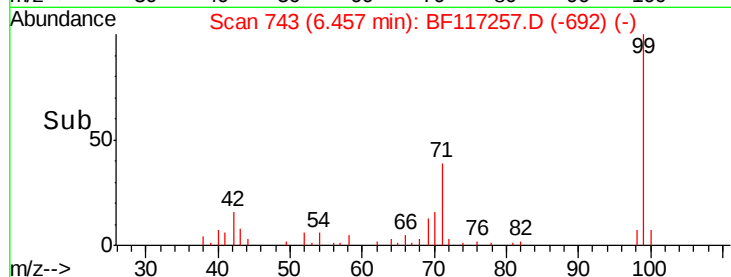
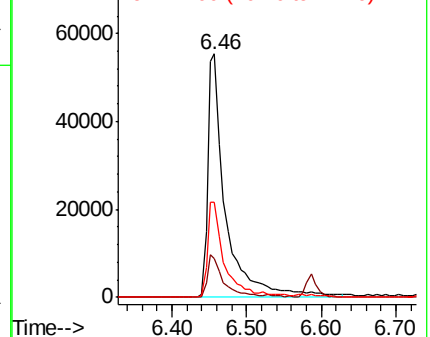
99 100

42 16.2 12.2 18.2

71 39.2 29.8 44.8



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117257.D

Acq: 25 Sep 2019 22:51

Tgt Ion: 136 Resp: 126063

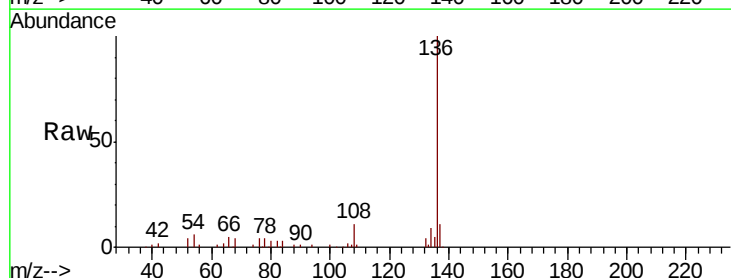
Ion Ratio Lower Upper

136 100

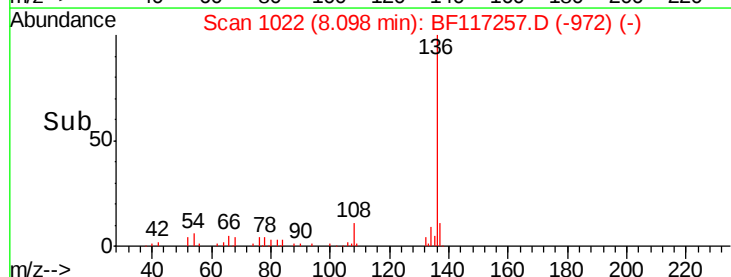
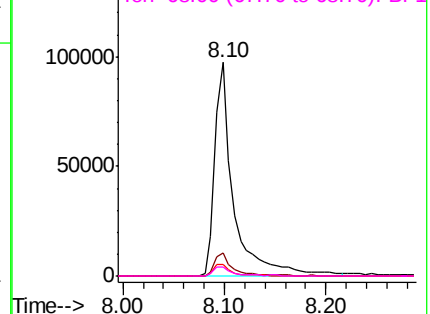
137 10.6 9.0 13.4

54 5.7 4.5 6.7

68 4.4 4.0 6.0



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

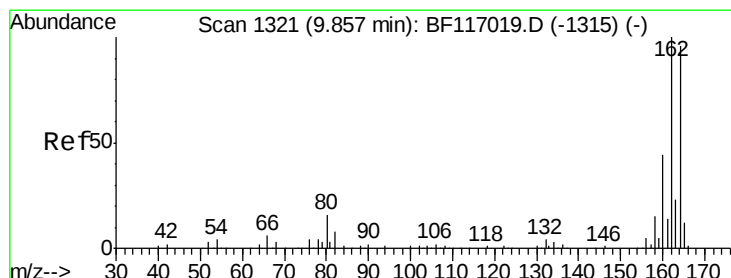
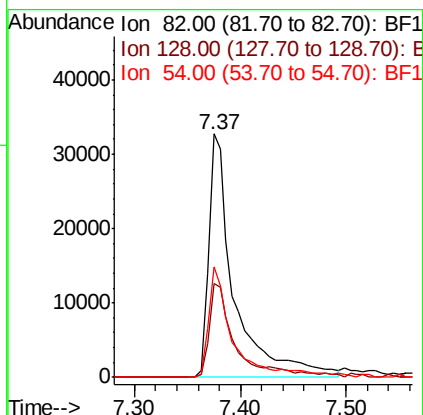
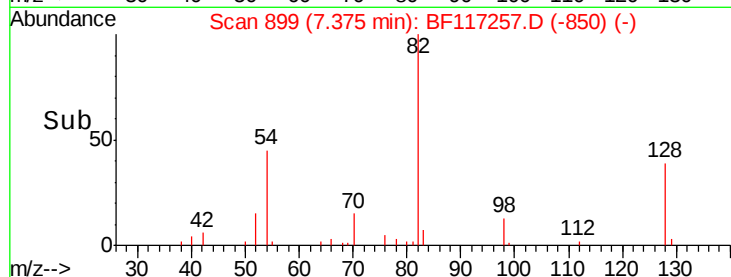
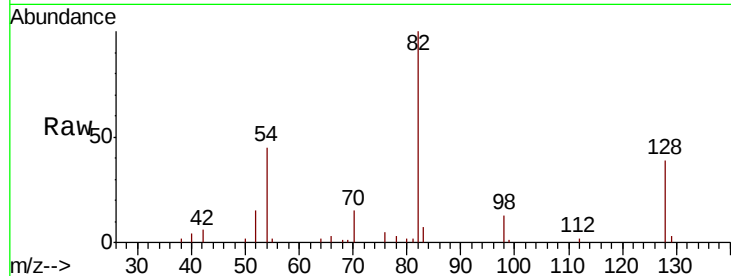




#23
 Nitrobenzene-d5
 Concen: 23.059 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF117257.D
 Acq: 25 Sep 2019 22:51

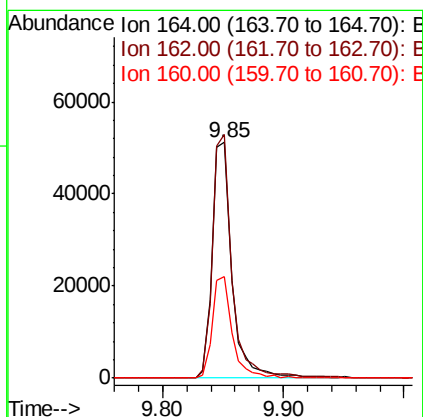
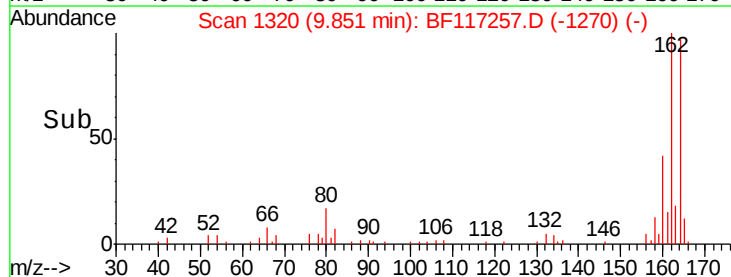
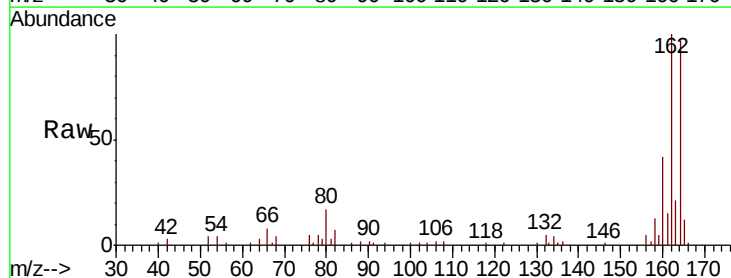
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-092419

Tot Ion	82	Resp	55325
Ion Ratio	Lower	Upper	
82	100		
128	38.7	32.3	48.5
54	45.4	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117257.D
 Acq: 25 Sep 2019 22:51

Tgt Ion	164	Resp	57754
Ion Ratio	Lower	Upper	
164	100		
162	103.3	83.4	125.2
160	43.3	36.4	54.6

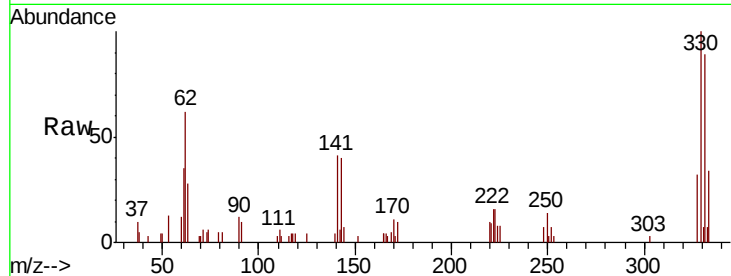




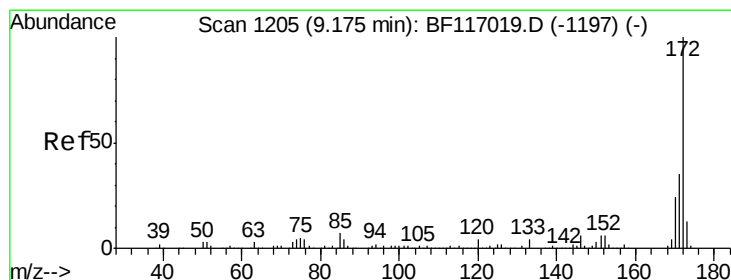
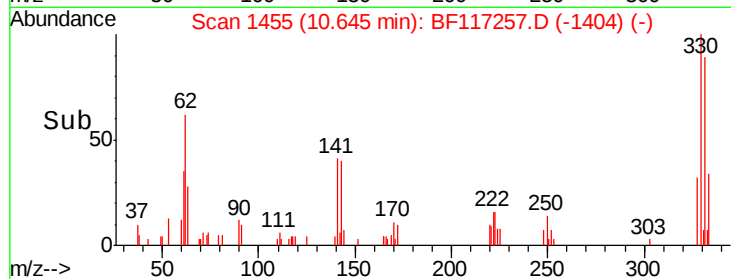
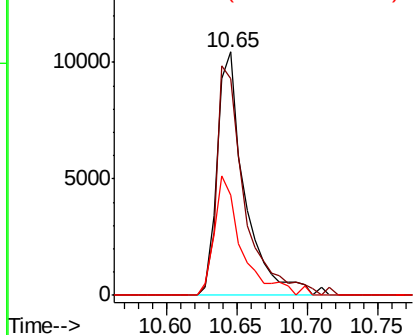
#42
 2,4,6-Tribromophenol
 Concen: 29.452 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF117257.D
 Acq: 25 Sep 2019 22:51

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-092419

Tot Ion:330 Resp: 14216
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.0 117.0
 141 48.4 35.8 53.6

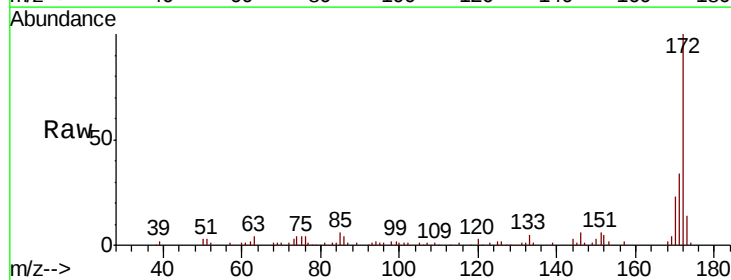


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

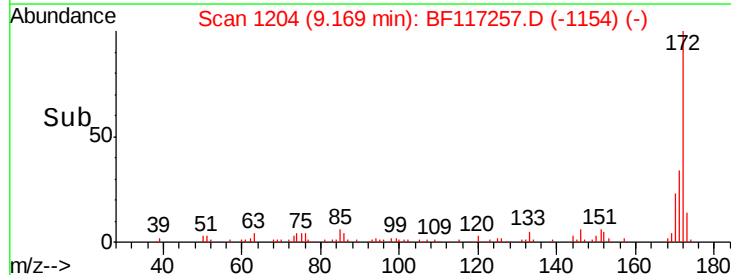
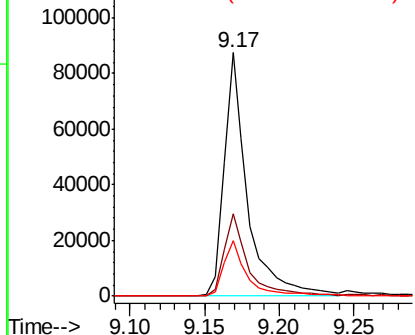


#45
 2-Fluorobiphenyl
 Concen: 26.241 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF117257.D
 Acq: 25 Sep 2019 22:51

Tgt Ion:172 Resp: 96926
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.2 42.2
 170 22.8 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

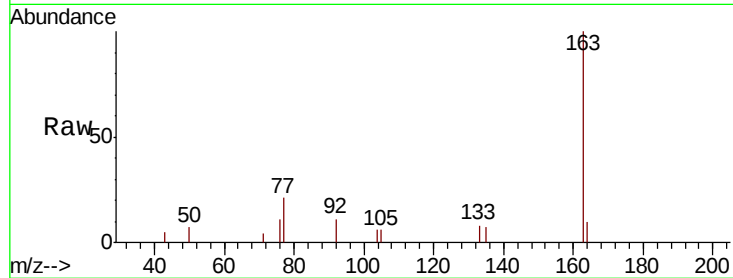




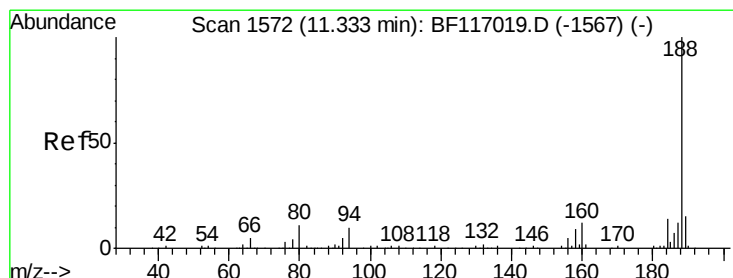
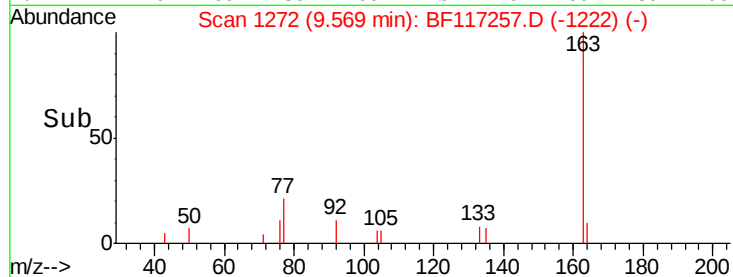
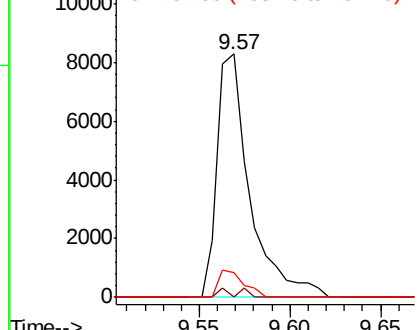
#50
Dimethylphthalate
Concen: 2.546 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117257.D
Acq: 25 Sep 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OK-02-092419

Tot Ion:163 Resp: 10411
Ion Ratio Lower Upper
163 100
194 0.0 2.9 4.3#
164 10.3 8.2 12.4

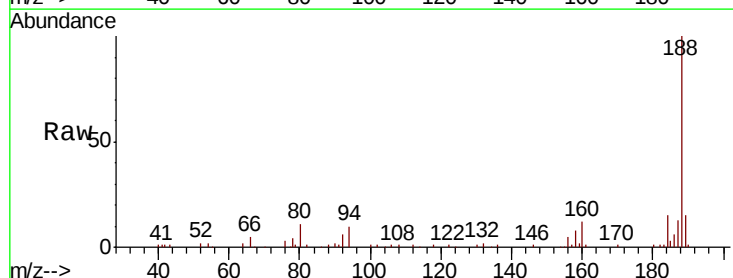


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

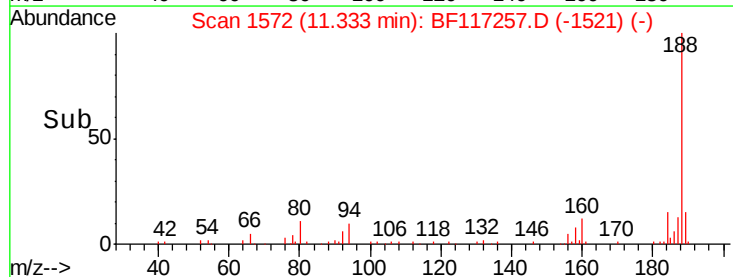
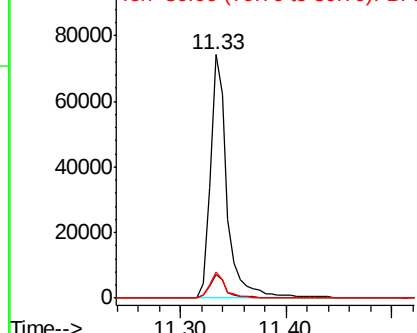


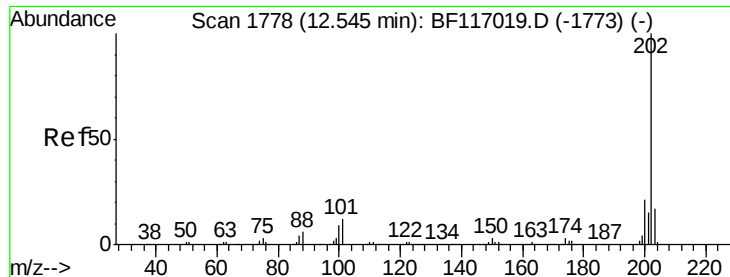
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117257.D
Acq: 25 Sep 2019 22:51

Tgt Ion:188 Resp: 82044
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 10.6 9.0 13.6



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: 2.634 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF117257.D

Acq: 25 Sep 2019 22:51

Instrument :

BNA_F

ClientSampleId :

OK-02-092419

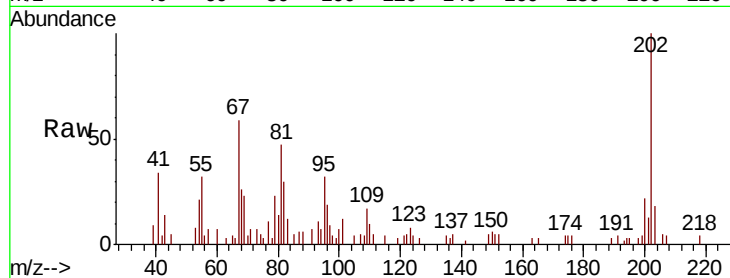
Tot Ion:202 Resp: 12612

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.3

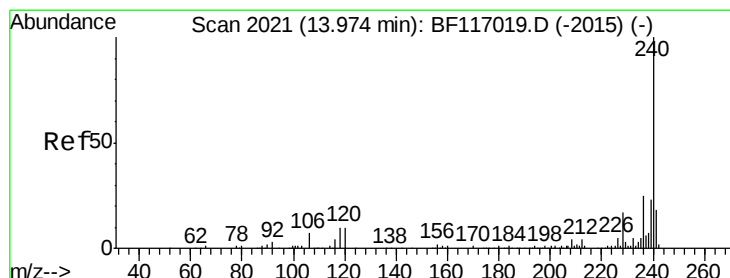
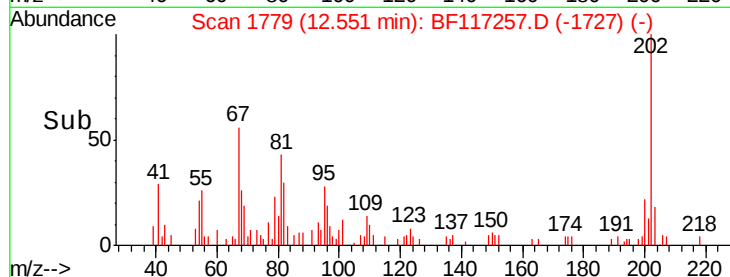
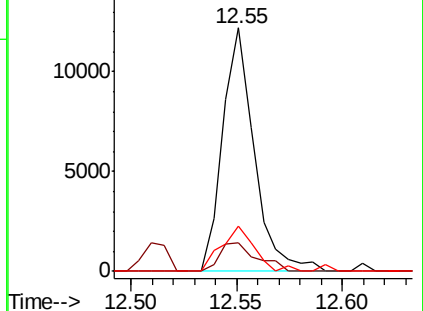
203 18.3 0.0 37.1



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: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF117257.D

Acq: 25 Sep 2019 22:51

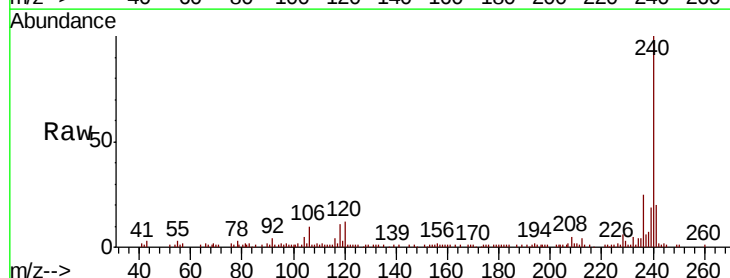
Tgt Ion:240 Resp: 64016

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

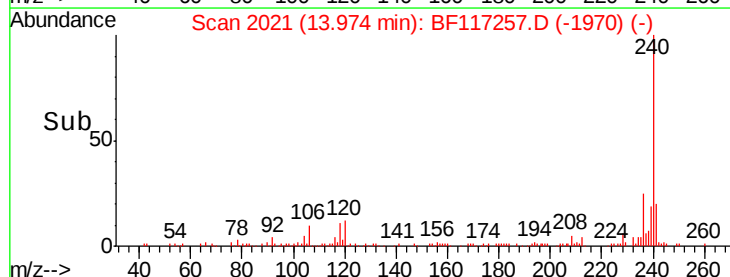
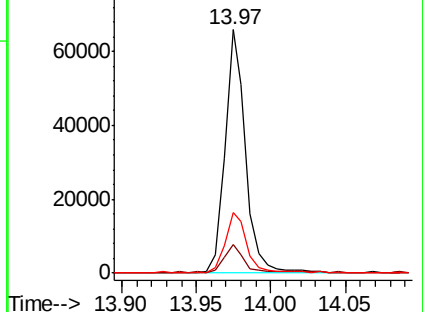
236 24.9 20.3 30.5

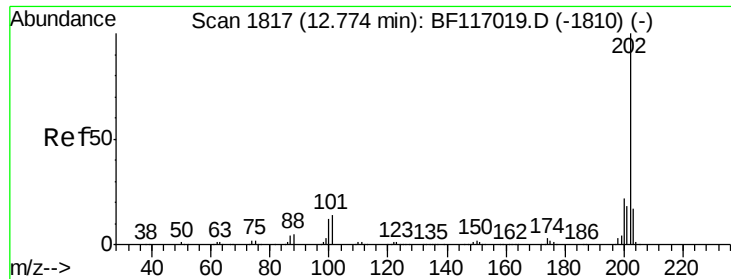


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

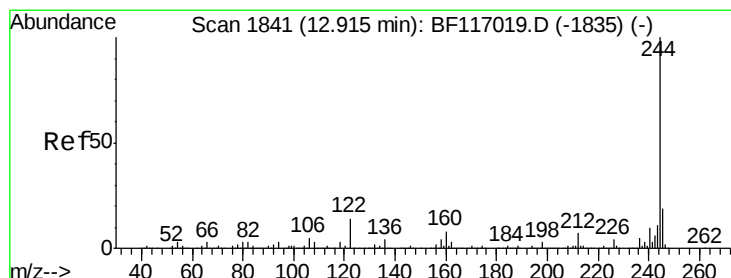
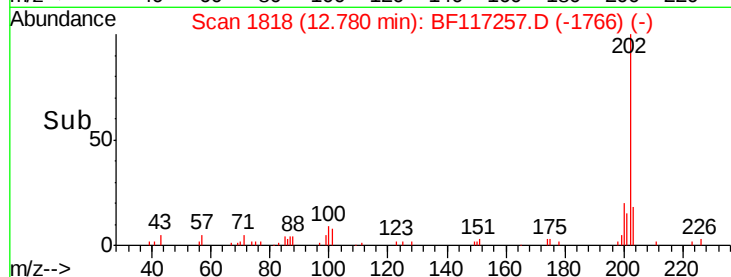
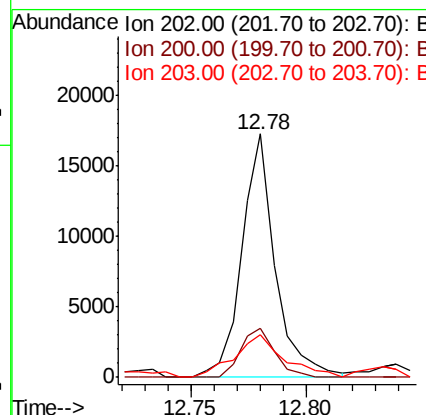
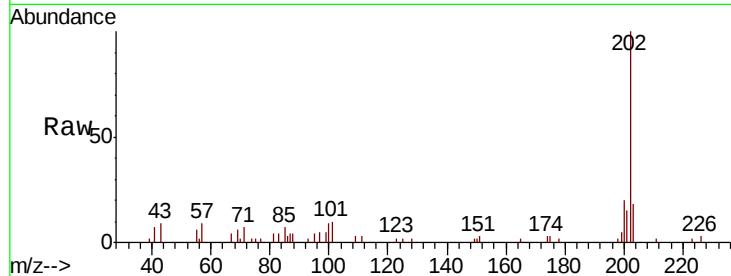




#78
Pvrene
Concen: 3.255 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117257.D
Acq: 25 Sep 2019 22:51

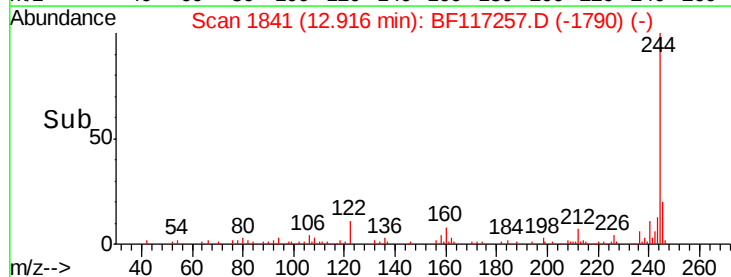
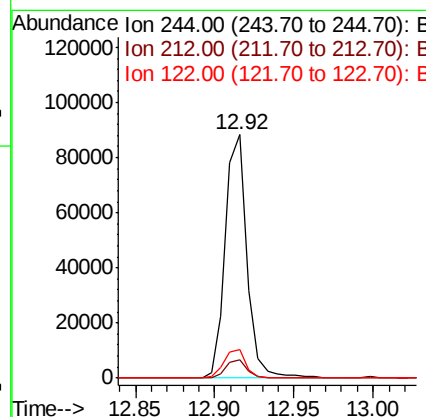
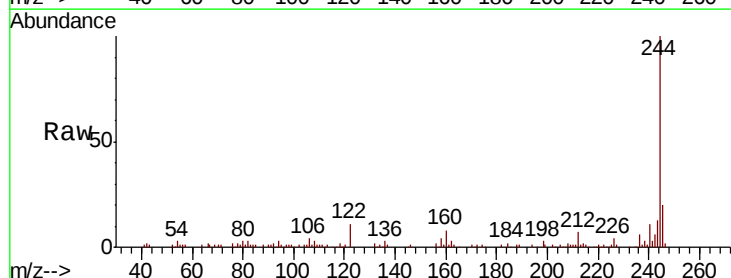
Instrument :
BNA_F
ClientSampleId :
OK-02-092419

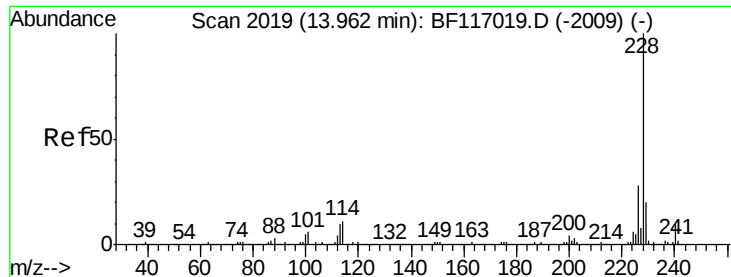
Tot Ion:202 Resp: 17483
Ion Ratio Lower Upper
202 100
200 20.3 17.2 25.8
203 17.5 14.0 21.0



#79
Terphenyl-d14
Concen: 24.566 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117257.D
Acq: 25 Sep 2019 22:51

Tgt Ion:244 Resp: 84133
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 11.5 11.3 16.9

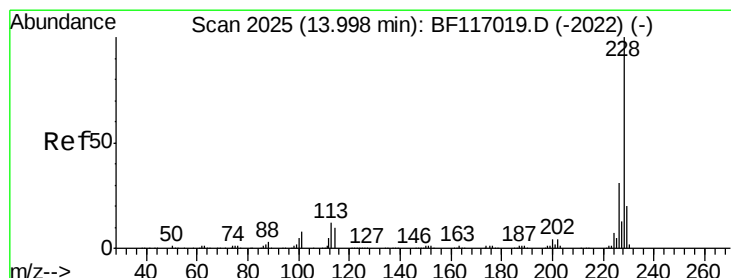
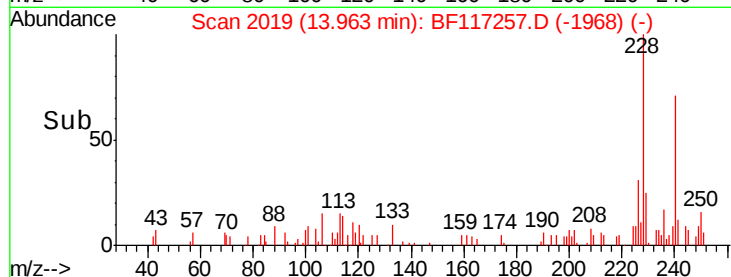
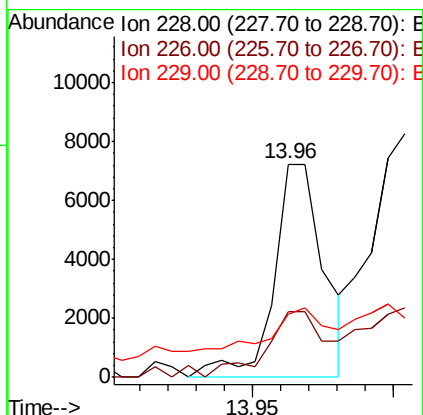
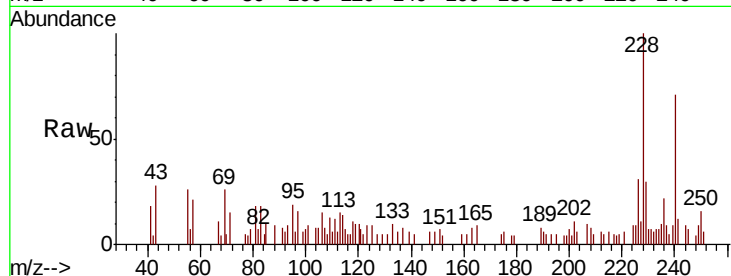




#81
Benzo(a)anthracene
Concen: 2.082 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117257.D
Acq: 25 Sep 2019 22:51

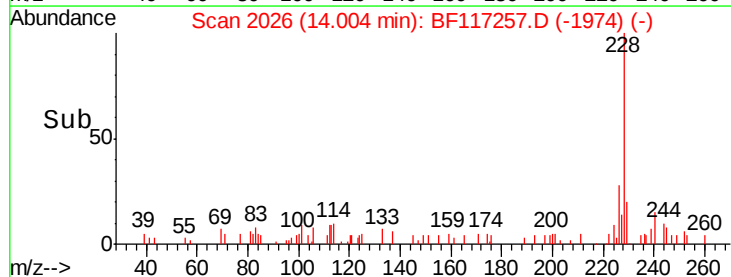
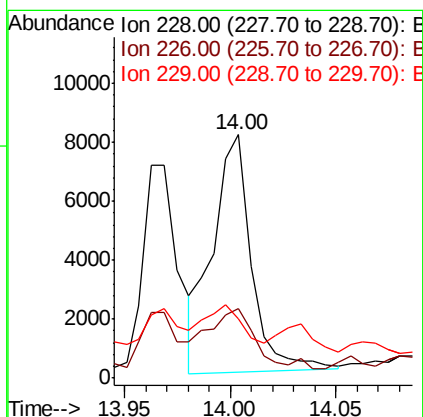
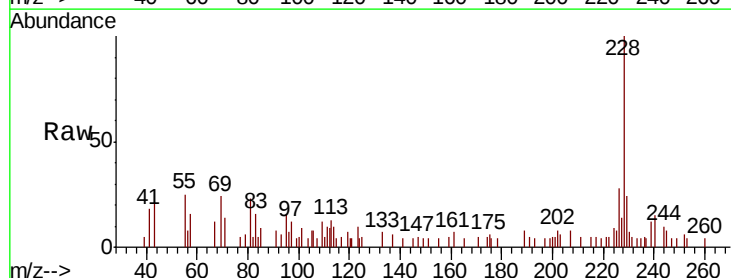
Instrument :
BNA_F
ClientSampleId :
OK-02-092419

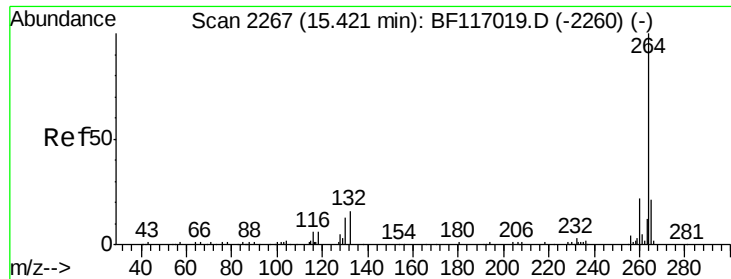
Tot Ion:228 Resp: 8905
Ion Ratio Lower Upper
228 100
226 30.7 22.3 33.5
229 29.5 15.9 23.9#



#83
Chrysene
Concen: 2.473 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF117257.D
Acq: 25 Sep 2019 22:51

Tgt Ion:228 Resp: 10318
Ion Ratio Lower Upper
228 100
226 28.4 24.8 37.2
229 24.4 15.8 23.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF117257.D

Acq: 25 Sep 2019 22:51

Instrument :

BNA_F

ClientSampleId :

OK-02-092419

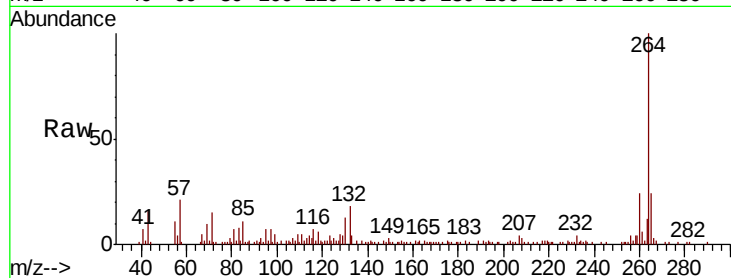
Tot Ion:264 Resp: 54957

Ion Ratio Lower Upper

264 100

260 24.2 17.6 26.4

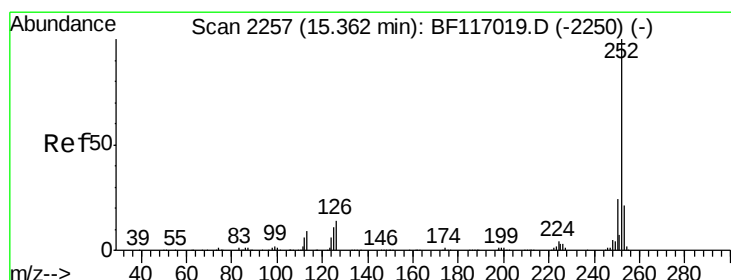
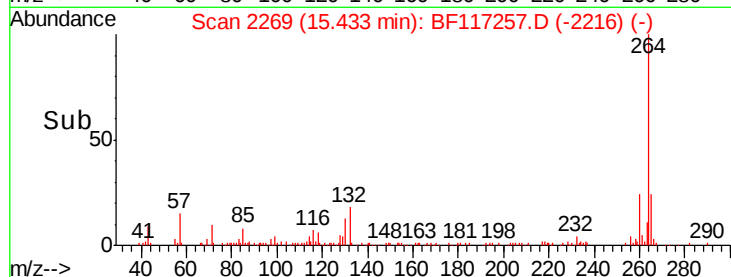
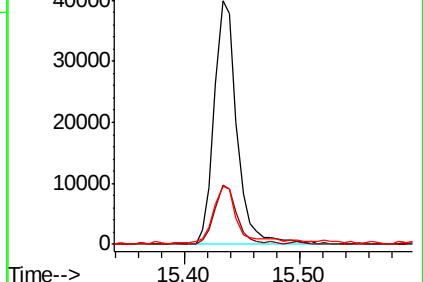
265 23.6 16.6 24.8



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



#90

Benzo(a)pyrene

Concen: 2.376 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF117257.D

Acq: 25 Sep 2019 22:51

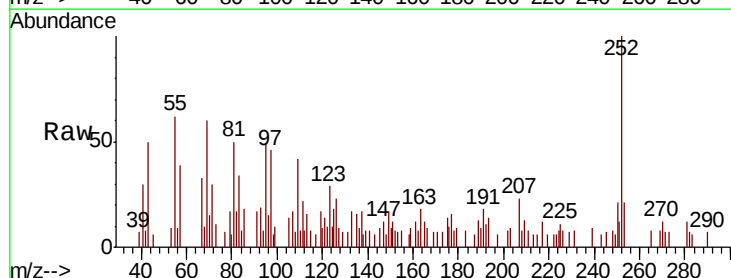
Tgt Ion:252 Resp: 6941

Ion Ratio Lower Upper

252 100

253 21.0 16.6 25.0

125 18.0 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

