

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116926.D
 Acq On : 10 Sep 2019 17:34
 Operator : HP/JU
 Sample : K4656-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519

Quant Time: Sep 11 01:07:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

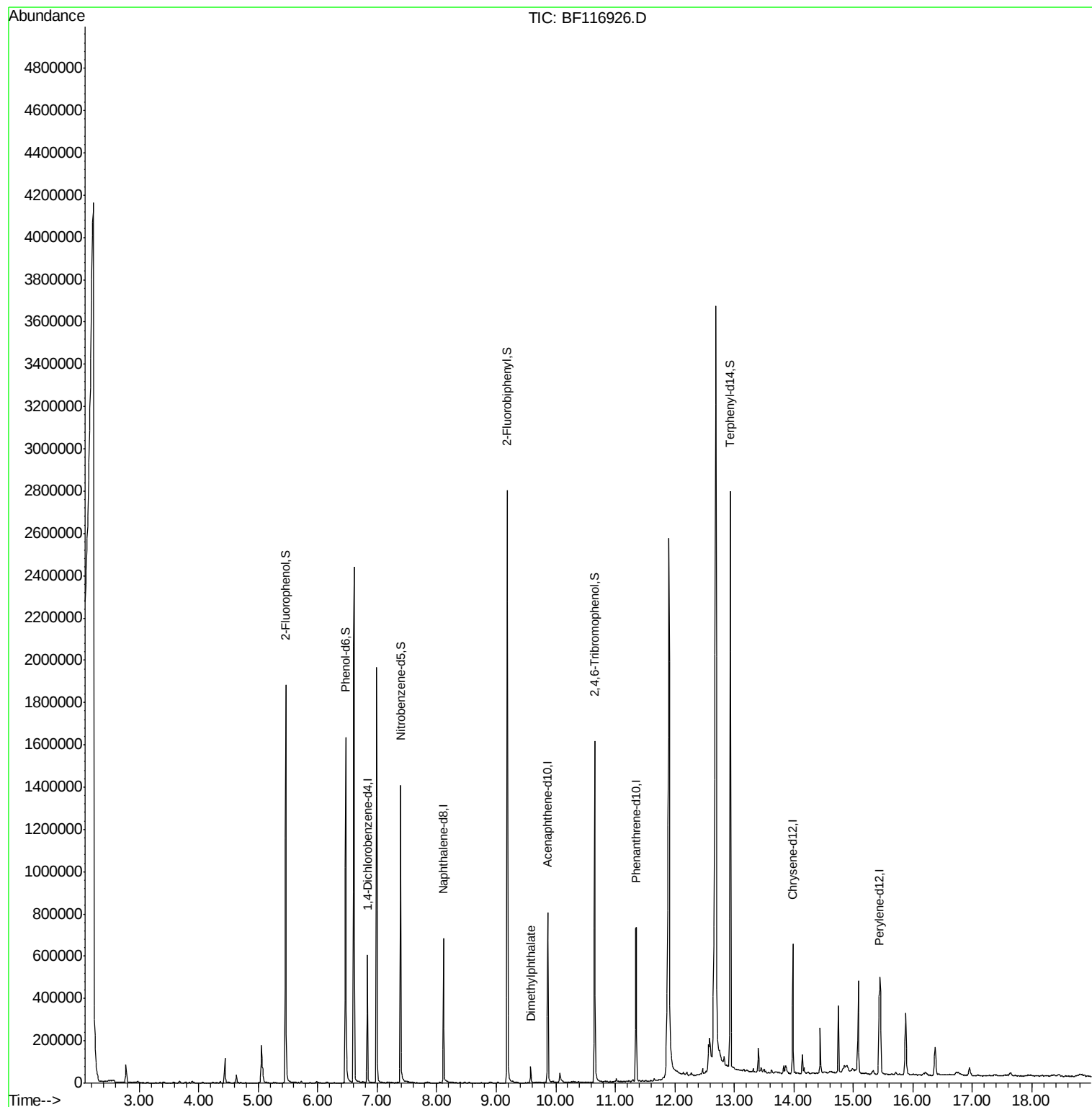
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	84226	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	332137	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	169167	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	280150	20.00	ng	0.00
76) Chrysene-d12	13.98	240	187803	20.00	ng	0.00
87) Perylene-d12	15.43	264	167686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	581159	111.78	ng	0.01
7) Phenol-d6	6.47	99	698877	102.37	ng	0.00
23) Nitrobenzene-d5	7.39	82	536776	92.26	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	188115	166.34	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	897125	89.46	ng	0.00
79) Terphenyl-d14	12.93	244	912256	89.86	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	33846	2.898	ng	99

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

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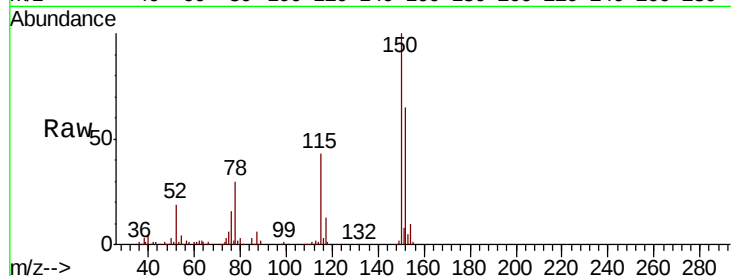


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116926.D
Acq: 10 Sep 2019 17:34

Instrument :
BNA_F
ClientSampleId :
AU-06-090519

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.4	186.6
115	66.2	49.9	74.9

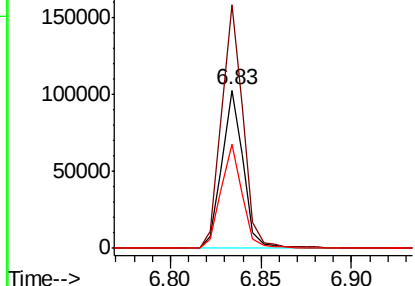
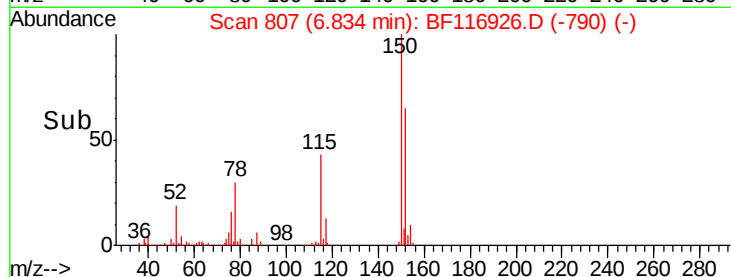


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

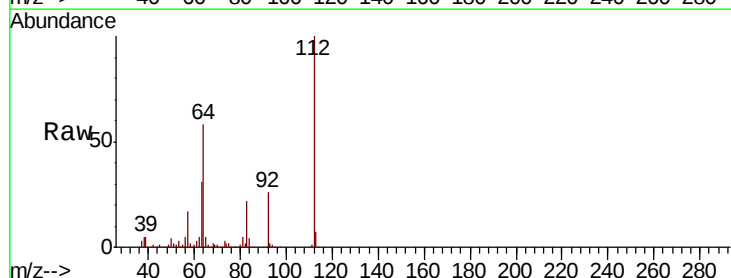
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.784 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF116926.D
Acq: 10 Sep 2019 17:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.1	70.7
63	31.1	24.9	37.3

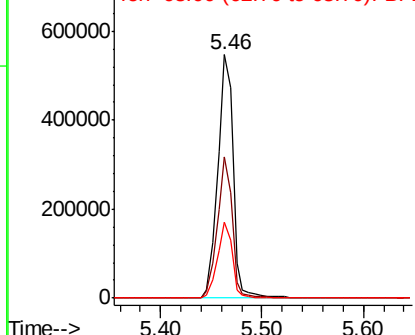
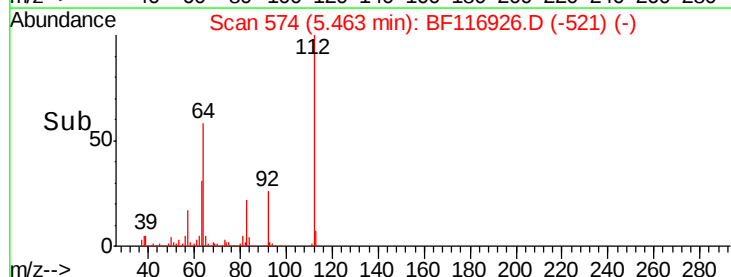


Abundance

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: 102.373 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116926.D

Acq: 10 Sep 2019 17:34

Instrument :

BNA_F

ClientSampleId :

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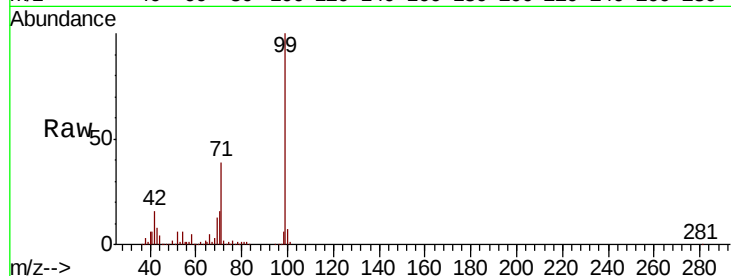
Tot Ion: 99 Resp: 698877

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

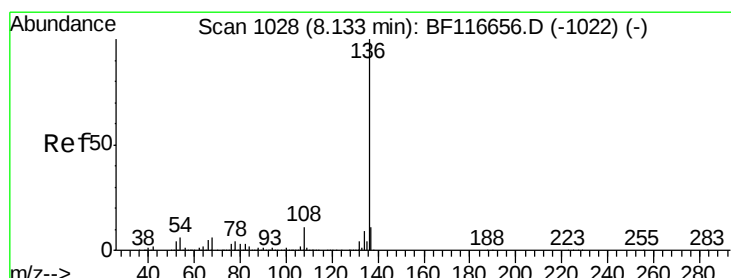
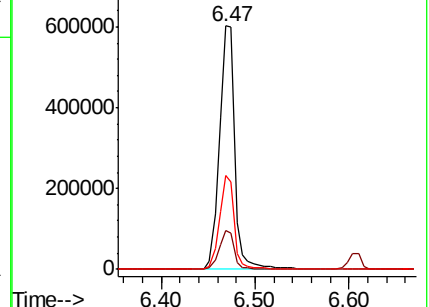
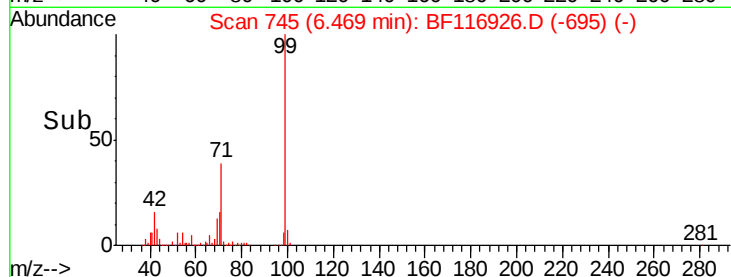
71 38.7 30.8 46.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116926.D

Acq: 10 Sep 2019 17:34

Tgt Ion: 136 Resp: 332137

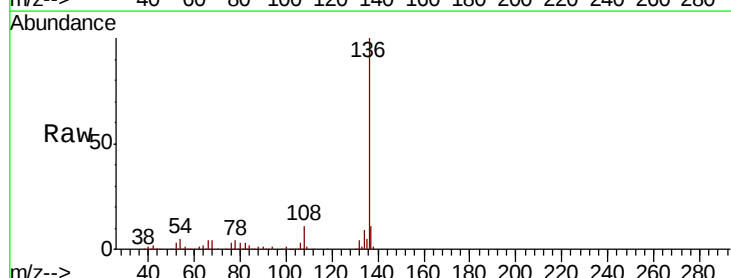
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 5.3 4.8 7.2

68 4.4 4.0 6.0

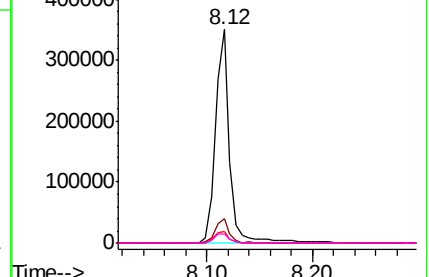
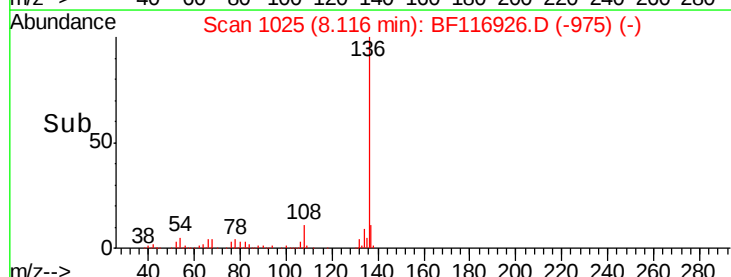


Abundance Ion 136.00 (135.70 to 136.70): E

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

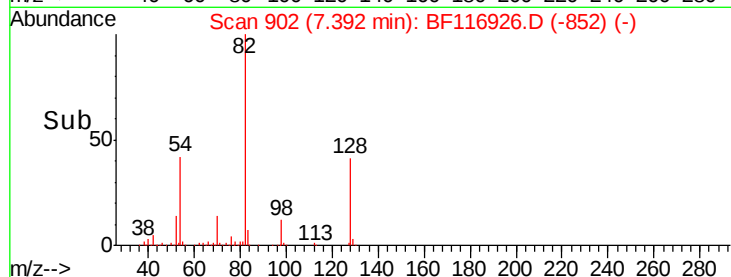
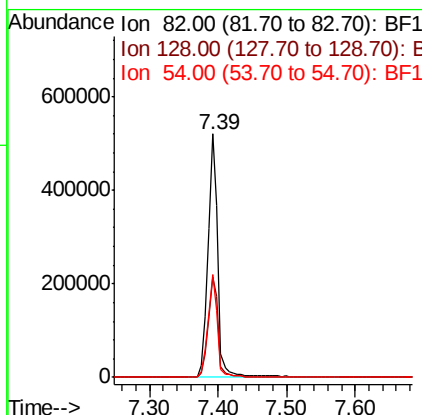
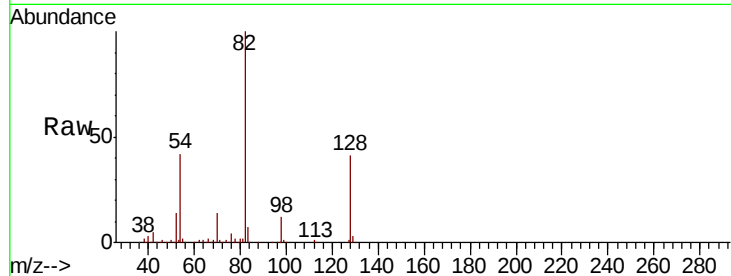




#23
Nitrobenzene-d5
Concen: 92.260 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116926.D
Acq: 10 Sep 2019 17:34

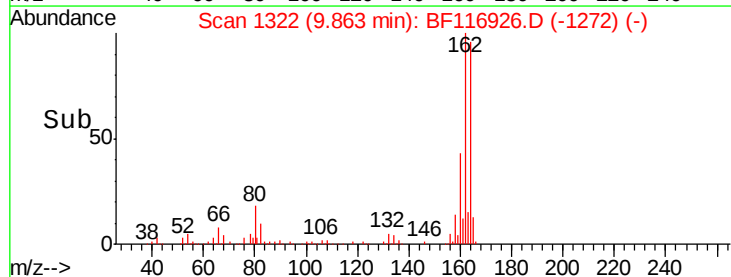
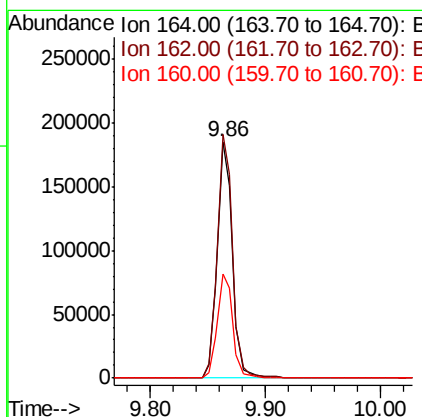
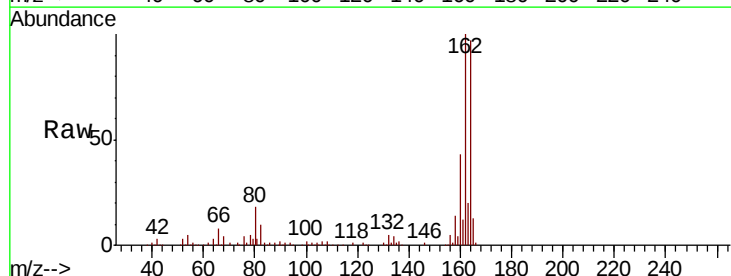
Instrument :
BNA_F
ClientSampleId :
AU-06-090519

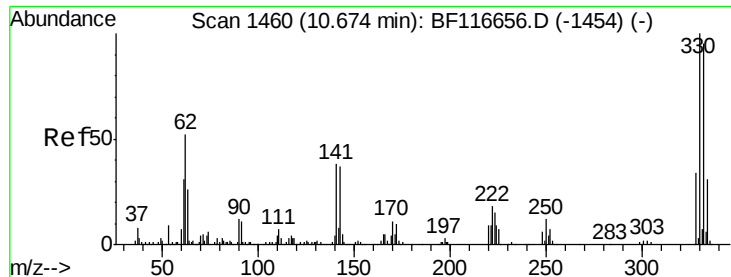
Tot Ion	82	Resp	536776
Ion Ratio	Lower	Upper	
82	100		
128	41.4	32.8	49.2
54	42.1	36.9	55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF116926.D
Acq: 10 Sep 2019 17:34

Tgt Ion	164	Resp	169167
Ion Ratio	Lower	Upper	
164	100		
162	103.1	81.4	122.0
160	44.0	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 166.338 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF116926.D

Acq: 10 Sep 2019 17:34

Instrument :

BNA_F

ClientSampleId :

AU-06-090519

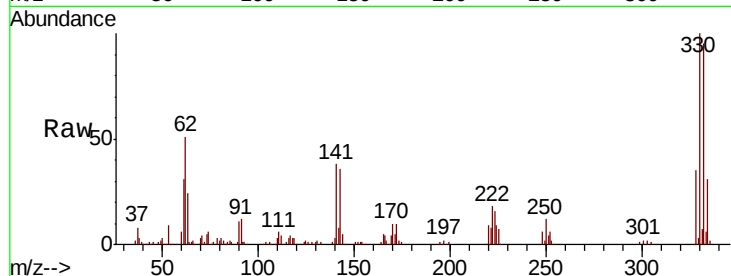
Tot Ion:330 Resp: 188115

Ion Ratio Lower Upper

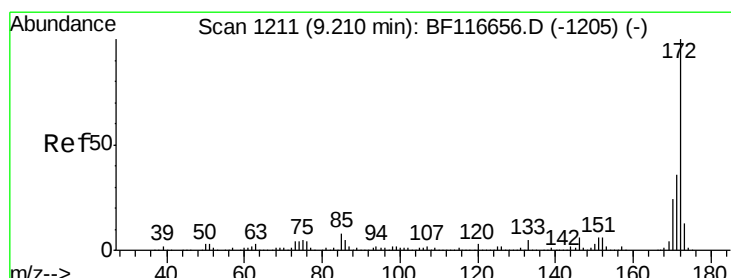
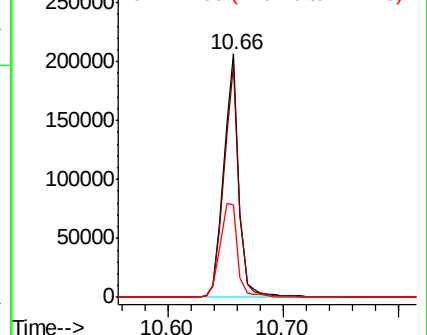
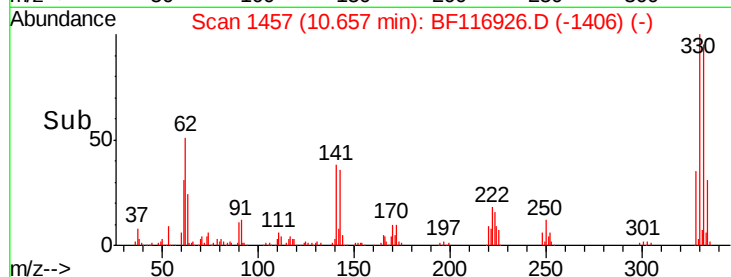
330 100

332 95.4 76.9 115.3

141 45.0 31.4 47.2



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: 89.459 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF116926.D

Acq: 10 Sep 2019 17:34

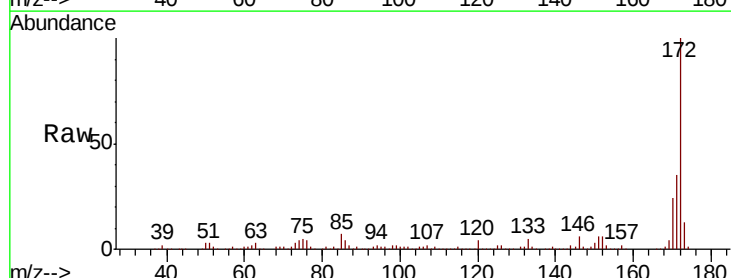
Tgt Ion:172 Resp: 897125

Ion Ratio Lower Upper

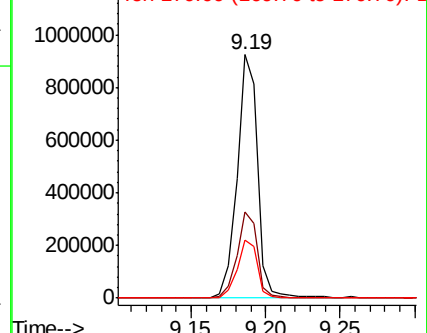
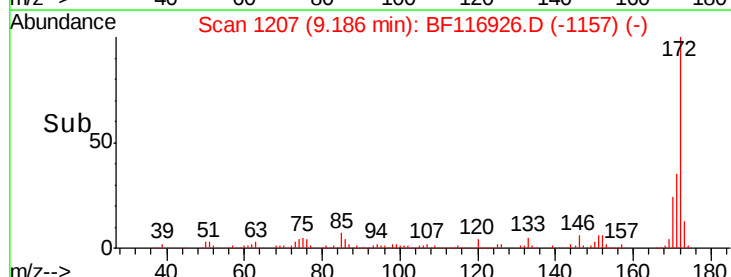
172 100

171 35.5 27.8 41.6

170 24.1 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: 2.898 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF116926.D

Acq: 10 Sep 2019 17:34

Instrument :

BNA_F

ClientSampleId :

AU-06-090519

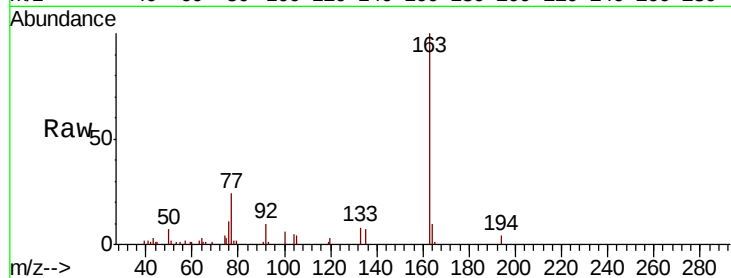
Tot Ion:163 Resp: 33846

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

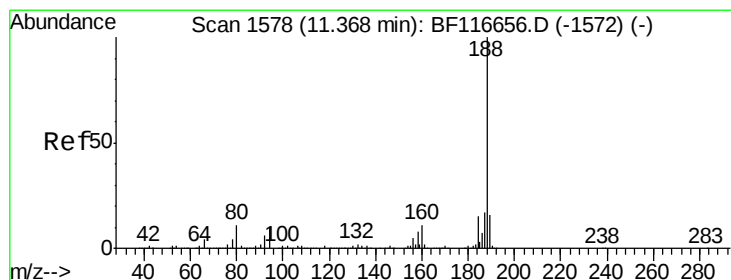
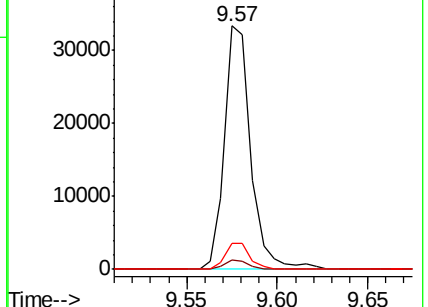
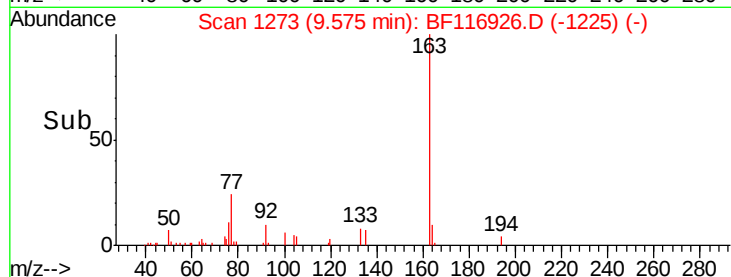
164 10.5 8.6 12.8



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: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF116926.D

Acq: 10 Sep 2019 17:34

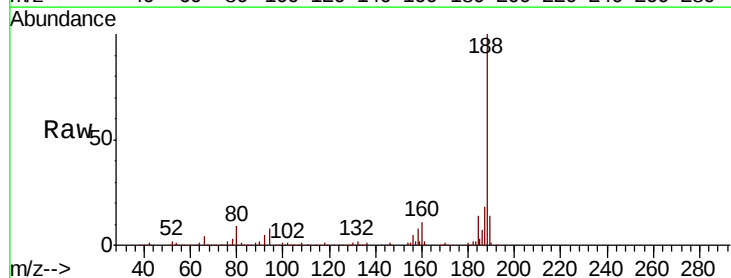
Tgt Ion:188 Resp: 280150

Ion Ratio Lower Upper

188 100

94 7.9 7.3 10.9

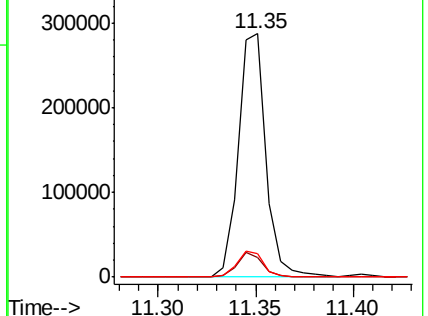
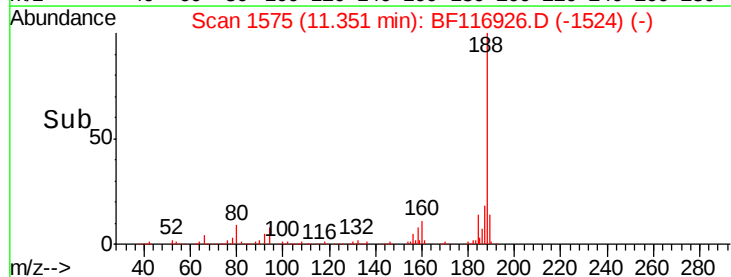
80 9.4 8.4 12.6

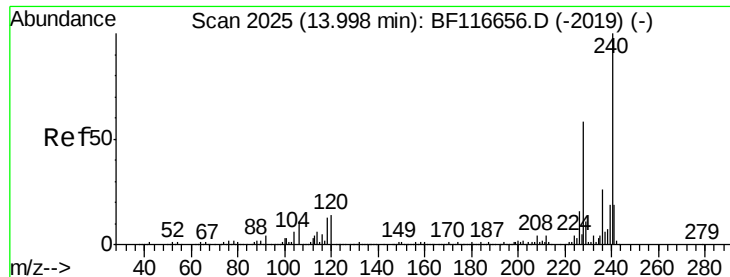


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

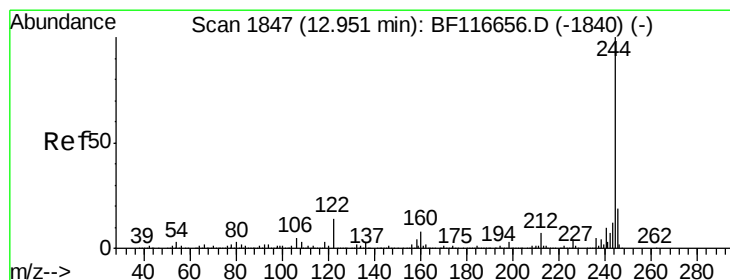
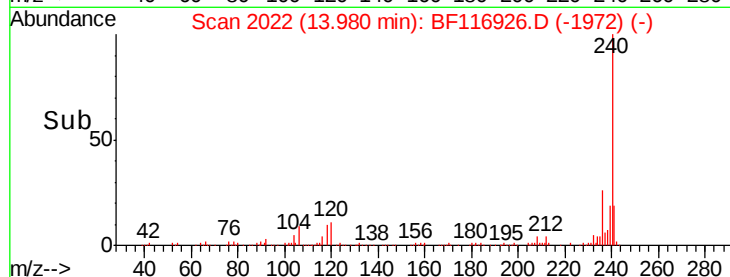
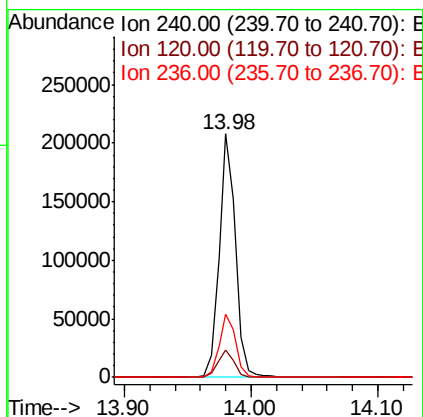
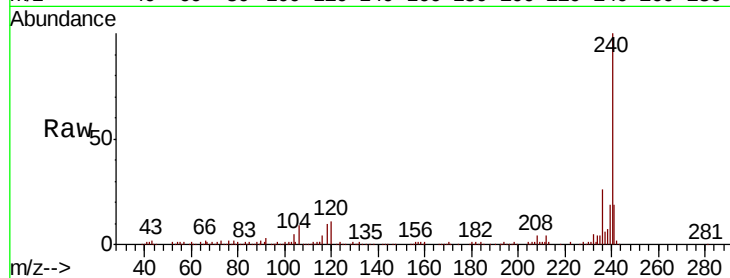




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116926.D
Acq: 10 Sep 2019 17:34

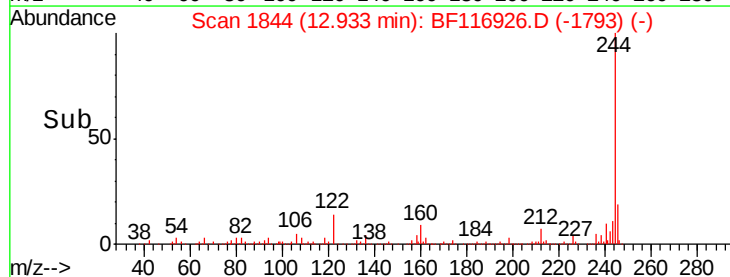
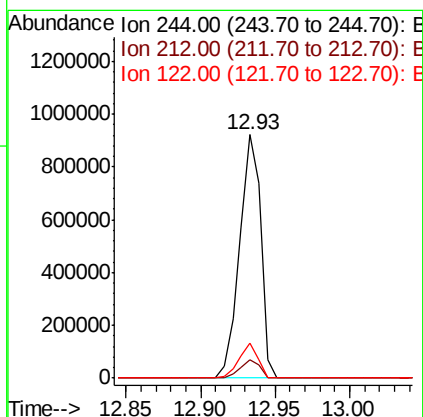
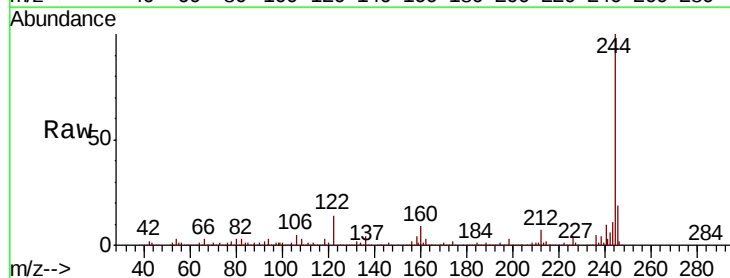
Instrument :
BNA_F
ClientSampleId :
AU-06-090519

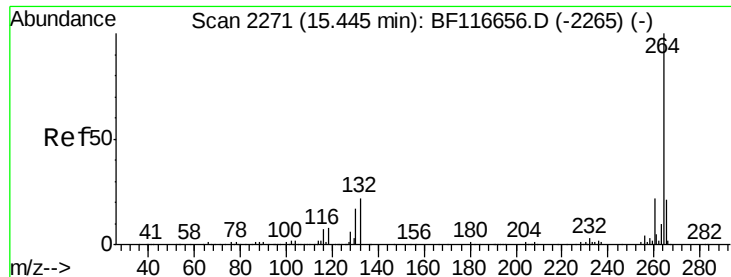
Tot Ion:240 Resp: 187803
Ion Ratio Lower Upper
240 100
120 11.1 9.1 13.7
236 25.8 21.1 31.7



#79
Terphenyl-d14
Concen: 89.861 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF116926.D
Acq: 10 Sep 2019 17:34

Tgt Ion:244 Resp: 912256
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 14.2 10.2 15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF116926.D
Acq: 10 Sep 2019 17:34

Instrument :
BNA_F
ClientSampleId :
AU-06-090519

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	20.6	16.5	24.7

