

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116629.D
 Acq On : 28 Aug 2019 21:51
 Operator : HP/JU
 Sample : K4543-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-S

Quant Time: Aug 29 03:47:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

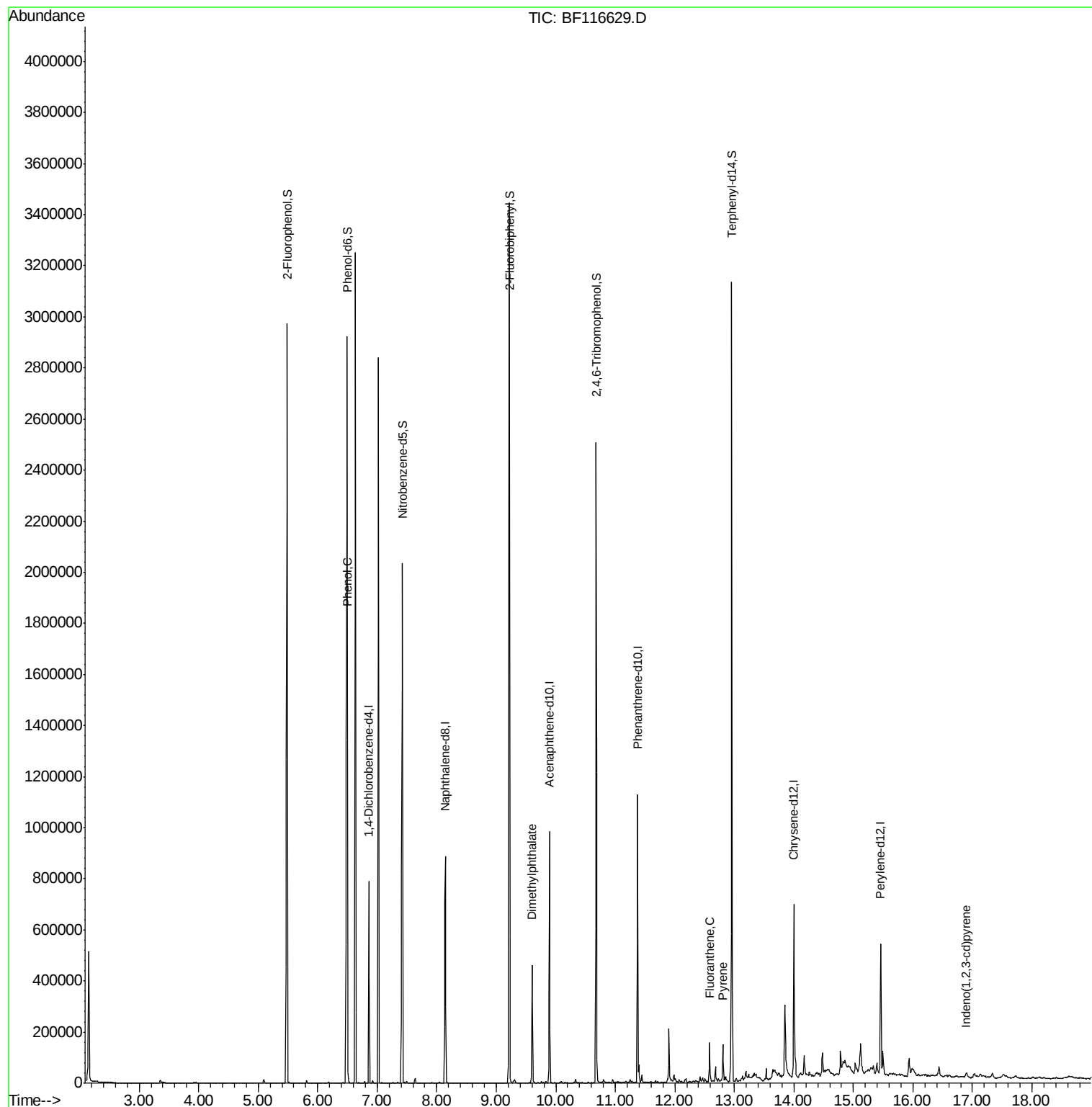
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	103449	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	390752	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	204365	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	357645	20.00	ng	0.00
76) Chrysene-d12	14.00	240	189111	20.00	ng	0.00
87) Perylene-d12	15.46	264	233473	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	835914	139.57	ng	0.00
7) Phenol-d6	6.49	99	1115711	137.40	ng	0.00
23) Nitrobenzene-d5	7.42	82	689737	101.00	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	269805	138.73	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1173305	95.55	ng	0.00
79) Terphenyl-d14	12.96	244	1094728	94.15	ng	0.00
Target Compounds						
10) Phenol	6.50	94	82088	9.216	ng	96
50) Dimethylphthalate	9.60	163	171045	12.449	ng	99
75) Fluoranthene	12.58	202	54421	3.159	ng	97
78) Pyrene	12.81	202	52886	3.041	ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	12522	5.076	ng	95

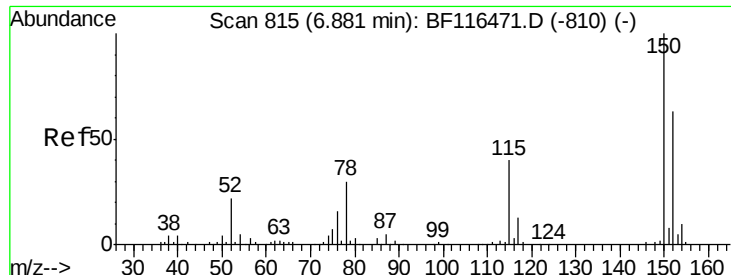
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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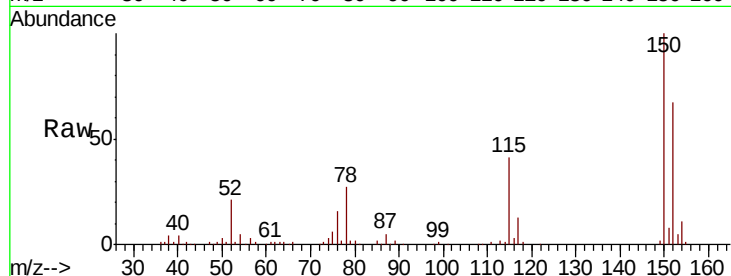


#1

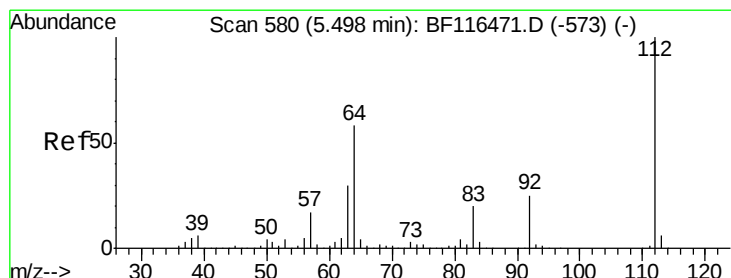
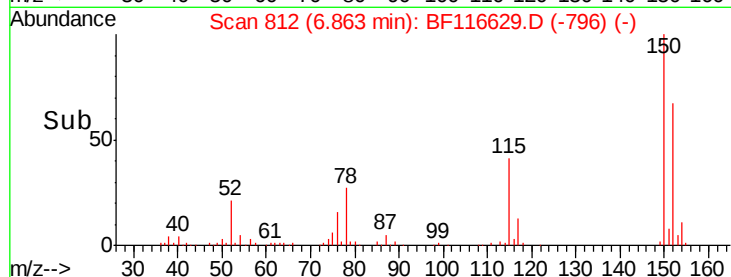
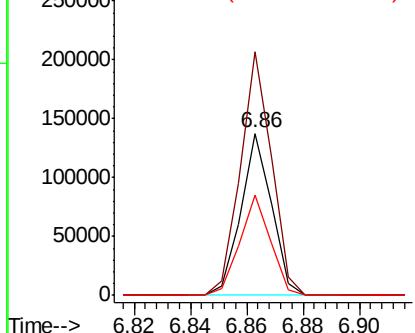
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116629.D
Acq: 28 Aug 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TP-9-S

Tot Ion:152 Resp: 103449
Ion Ratio Lower Upper
152 100
150 150.3 123.4 185.2
115 61.8 48.2 72.2



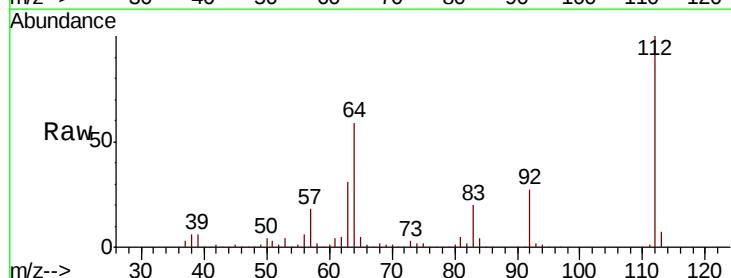
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



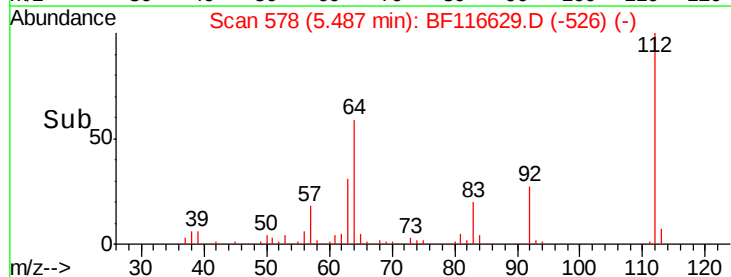
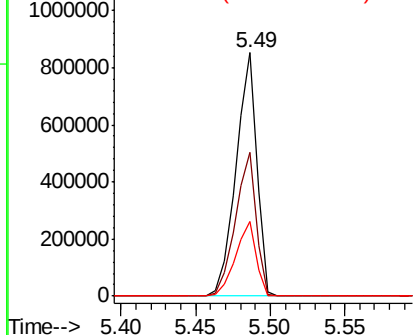
#5

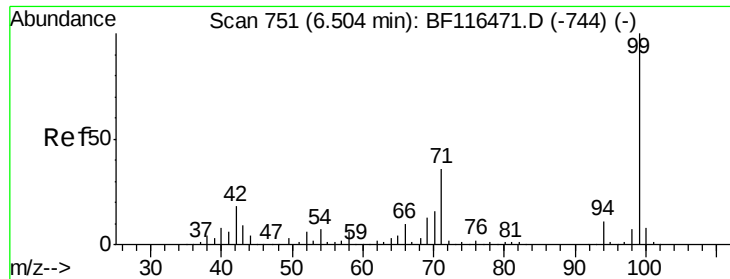
2-Fluorophenol
Concen: 139.568 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF116629.D
Acq: 28 Aug 2019 21:51

Tgt Ion:112 Resp: 835914
Ion Ratio Lower Upper
112 100
64 59.0 48.0 72.0
63 30.8 24.6 36.8



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: 137.403 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116629.D

Acq: 28 Aug 2019 21:51

Instrument :

BNA_F

ClientSampled :

TP-9-S

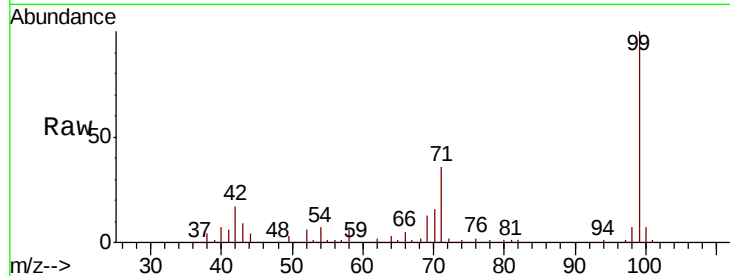
Tot Ion: 99 Resp: 1115711

Ion Ratio Lower Upper

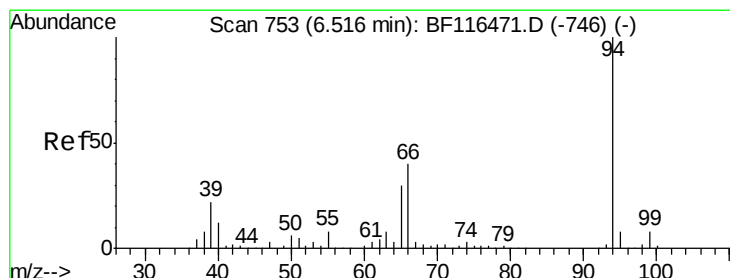
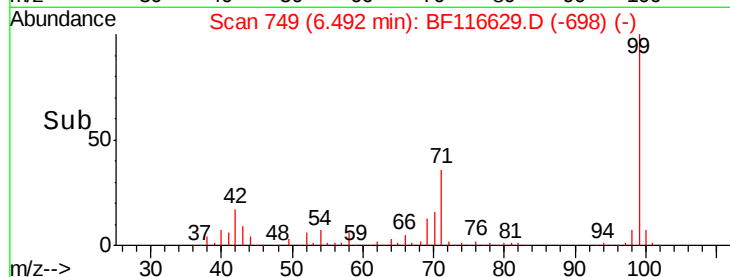
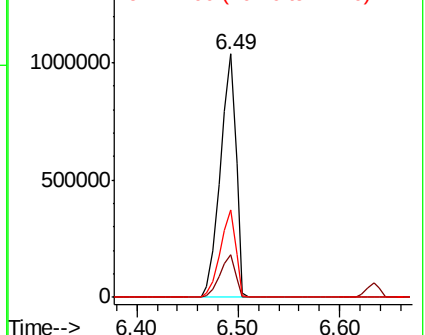
99 100

42 17.4 13.2 19.8

71 36.1 27.4 41.2



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



#10

Phenol

Concen: 9.216 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116629.D

Acq: 28 Aug 2019 21:51

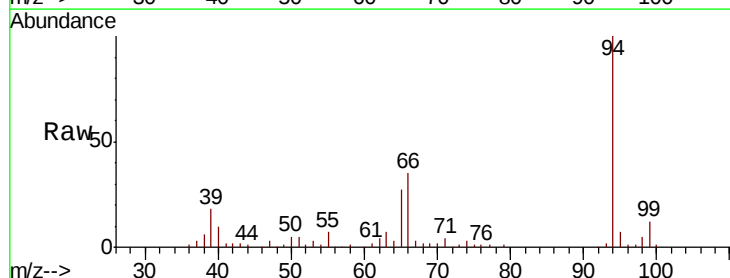
Tgt Ion: 94 Resp: 82088

Ion Ratio Lower Upper

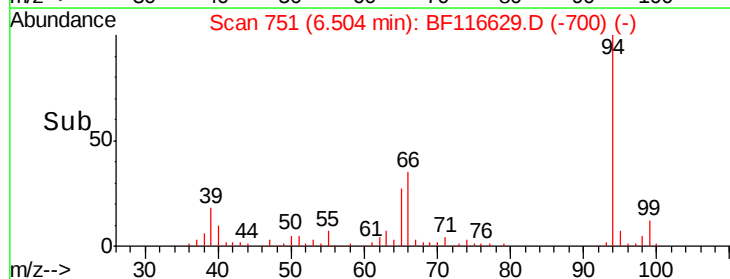
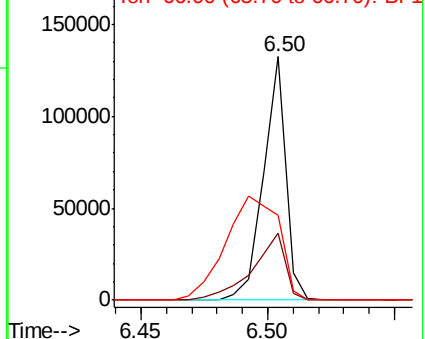
94 100

65 27.3 8.6 48.6

66 35.0 18.0 58.0



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116629.D

Acq: 28 Aug 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TP-9-S

Tot Ion:136 Resp: 390752

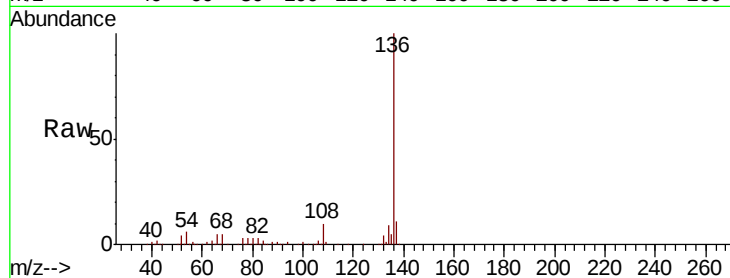
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.2 5.0 7.4

68 5.5 4.5 6.7

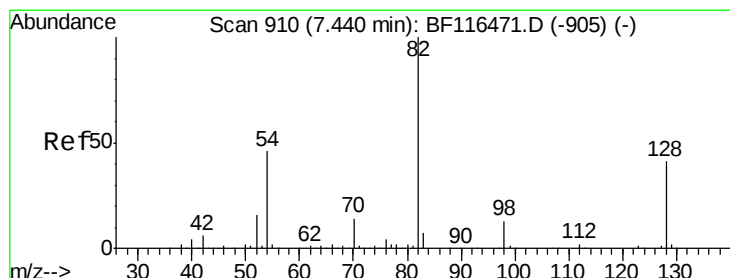
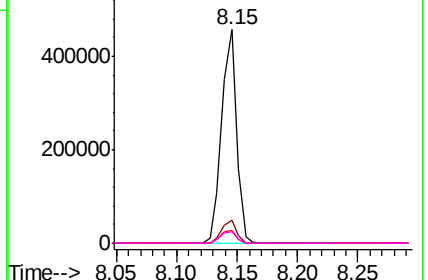
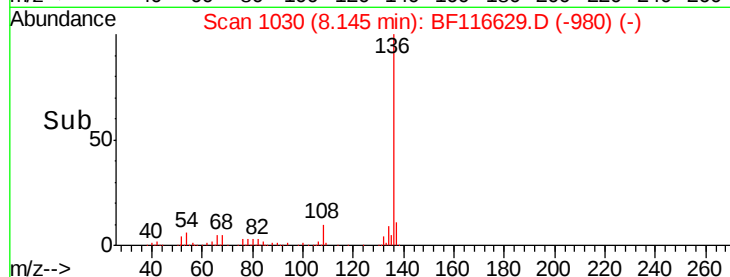


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.002 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF116629.D

Acq: 28 Aug 2019 21:51

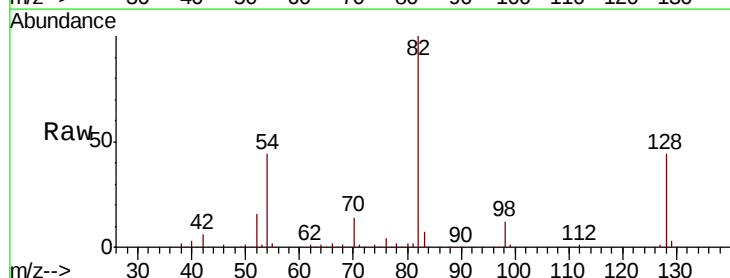
Tgt Ion: 82 Resp: 689737

Ion Ratio Lower Upper

82 100

128 43.9 35.0 52.6

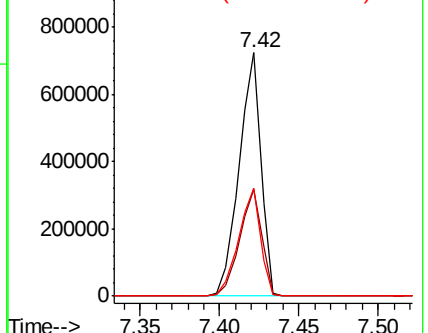
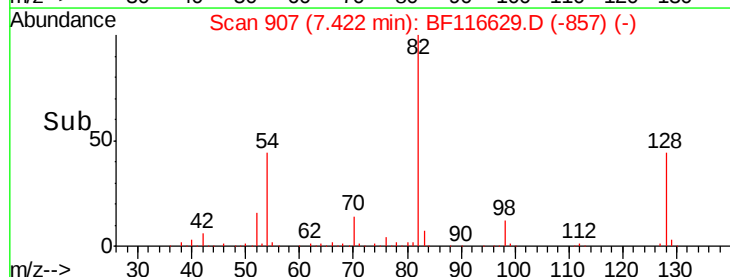
54 44.1 34.4 51.6

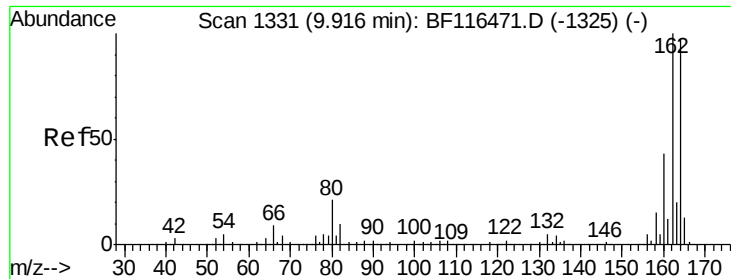


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF116629.D

Acq: 28 Aug 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TP-9-S

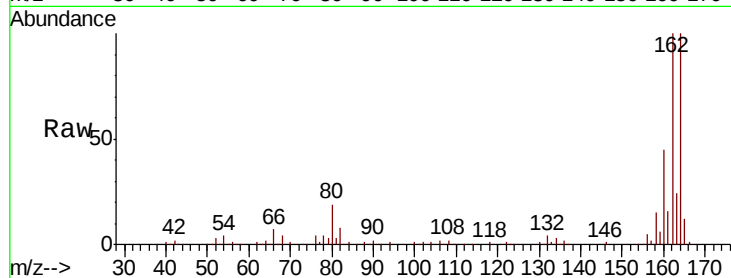
Tot Ion:164 Resp: 204365

Ion Ratio Lower Upper

164 100

162 100.4 83.4 125.0

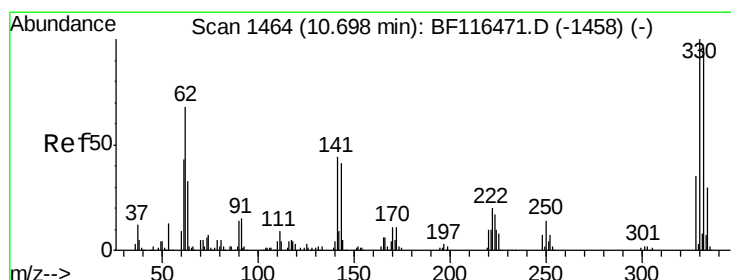
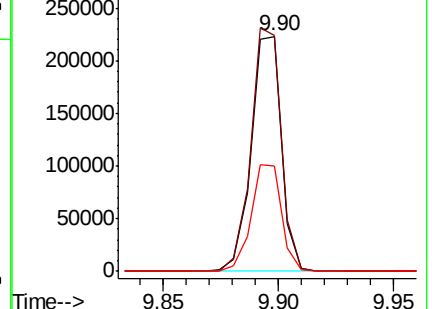
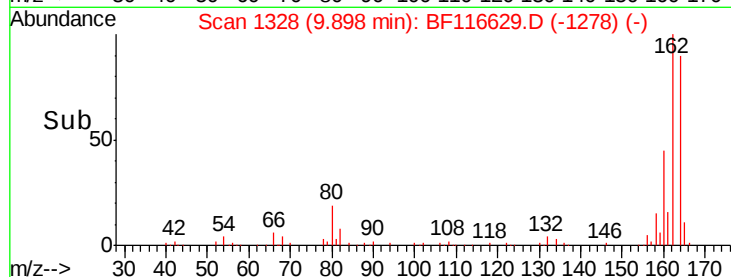
160 44.8 37.0 55.4



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: 138.735 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF116629.D

Acq: 28 Aug 2019 21:51

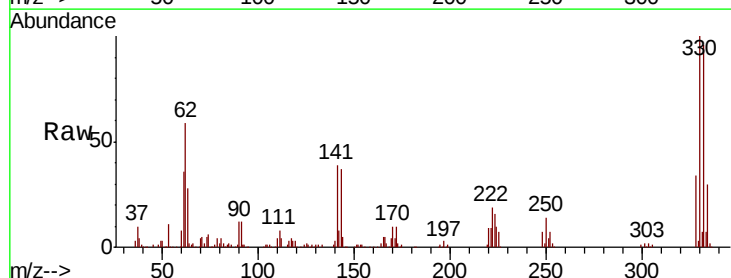
Tgt Ion:330 Resp: 269805

Ion Ratio Lower Upper

330 100

332 96.1 77.5 116.3

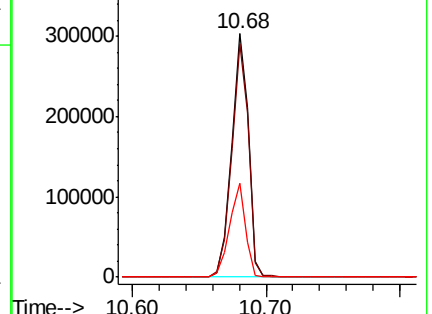
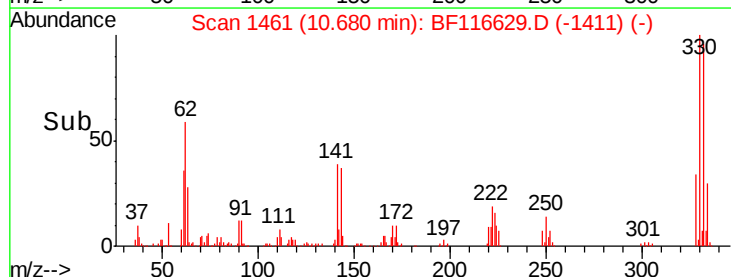
141 37.1 28.2 42.2

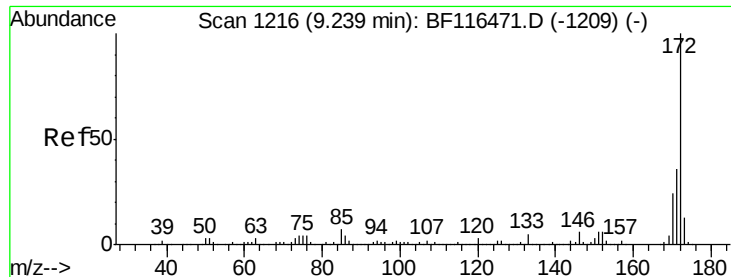


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

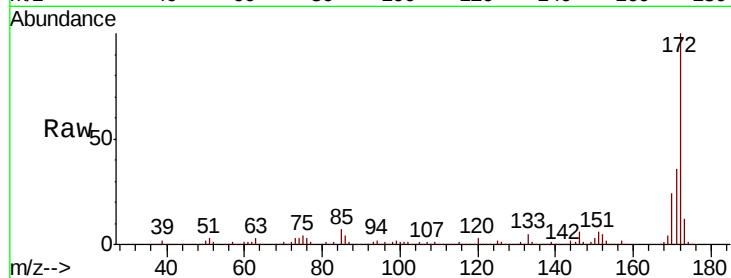




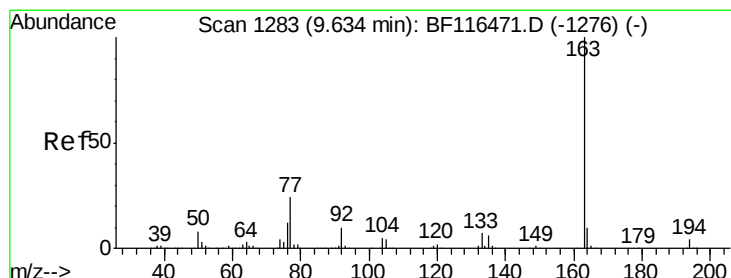
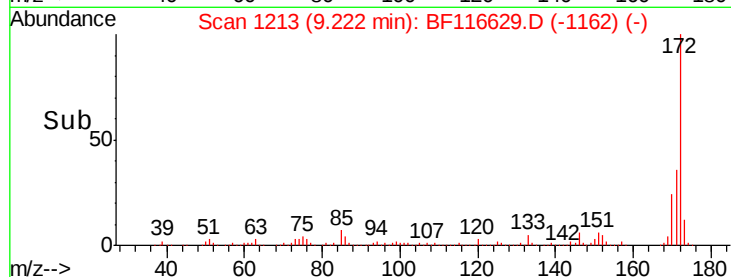
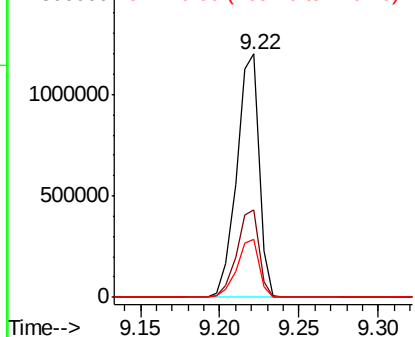
#45
2-Fluorobiphenyl
Concen: 95.545 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF116629.D
Acq: 28 Aug 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TP-9-S

Tot Ion:172 Resp: 1173305
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 23.9 19.3 28.9

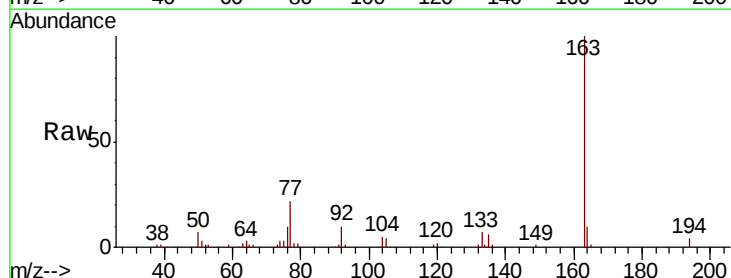


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

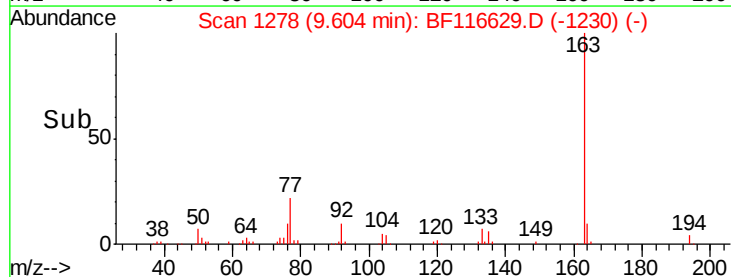
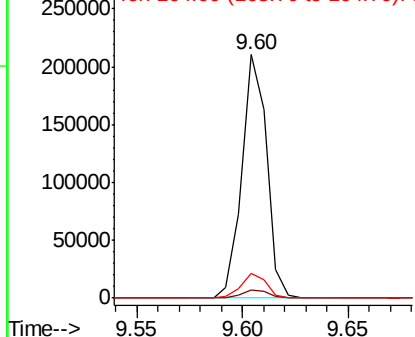


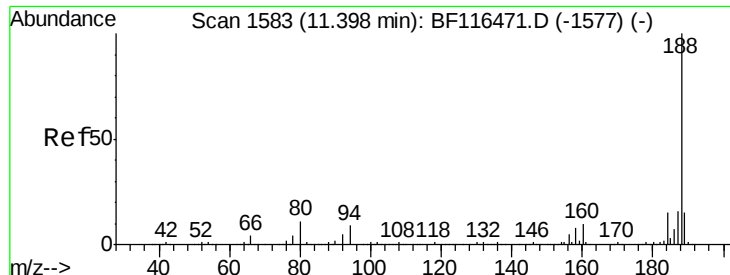
#50
Dimethylphthalate
Concen: 12.449 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF116629.D
Acq: 28 Aug 2019 21:51

Tgt Ion:163 Resp: 171045
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.4 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

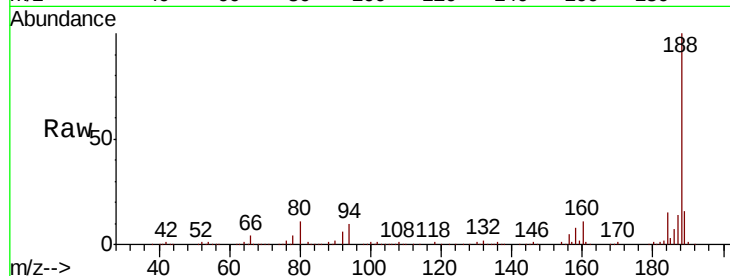




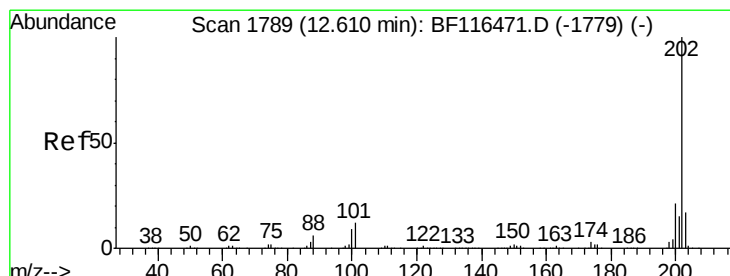
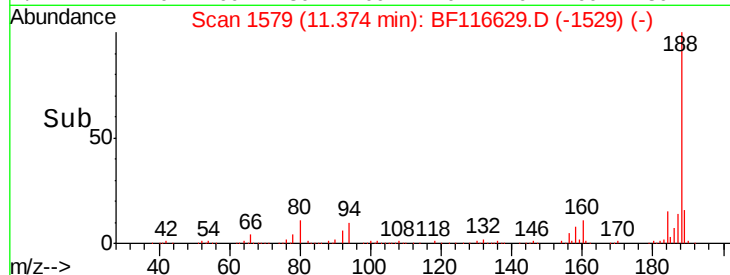
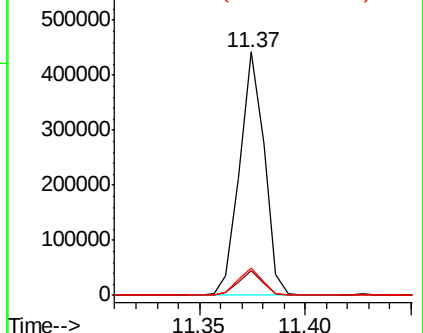
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF116629.D
Acq: 28 Aug 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TP-9-S

Tot Ion:188 Resp: 357645
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.4
80 11.4 8.9 13.3

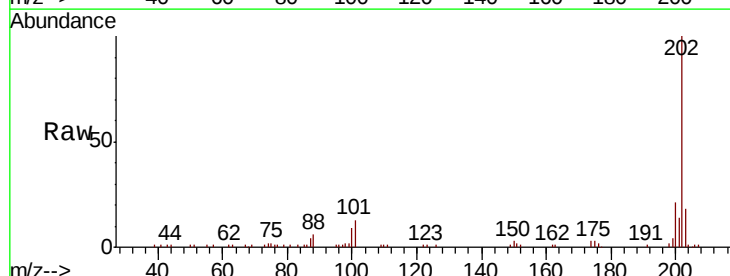


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

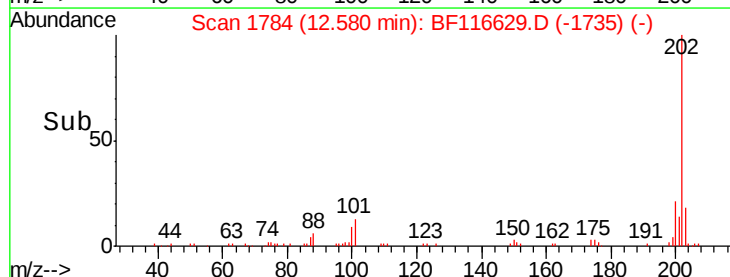
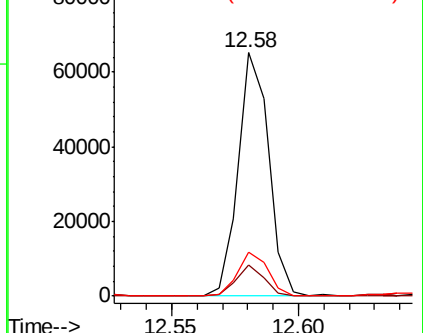


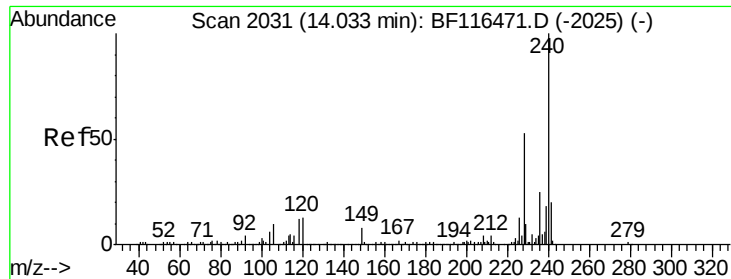
#75
Fluoranthene
Concen: 3.159 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF116629.D
Acq: 28 Aug 2019 21:51

Tgt Ion:202 Resp: 54421
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.8
203 18.1 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

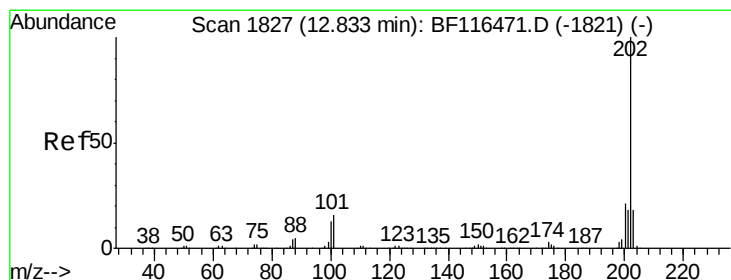
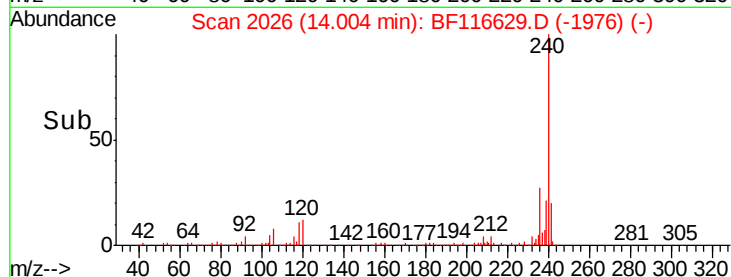
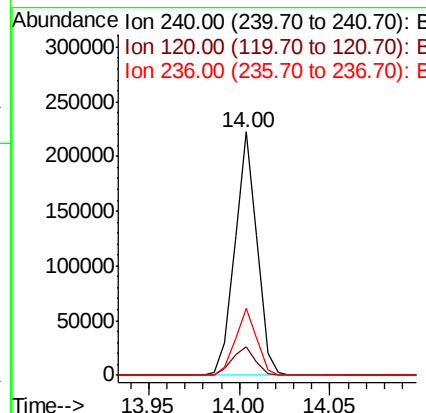
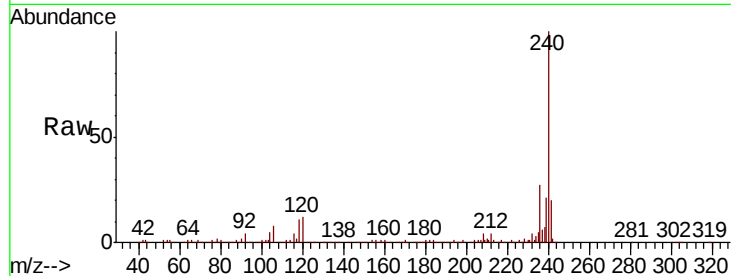




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116629.D
Acq: 28 Aug 2019 21:51

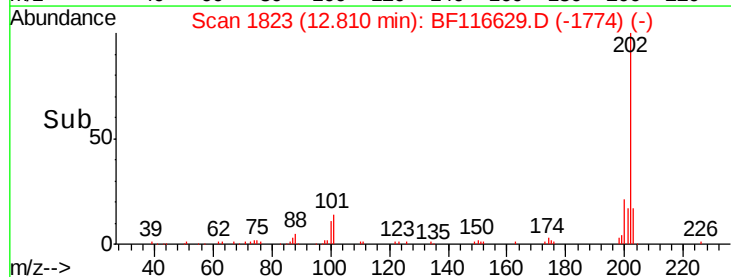
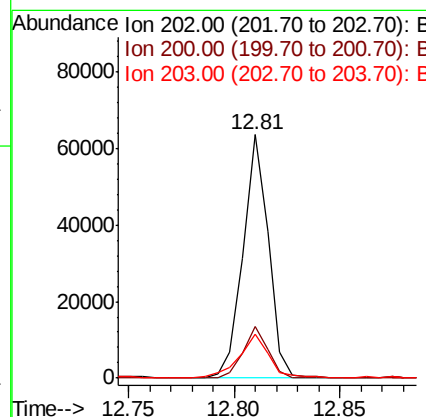
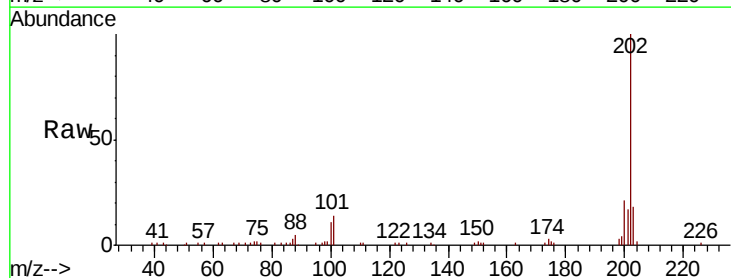
Instrument :
BNA_F
ClientSampleId :
TP-9-S

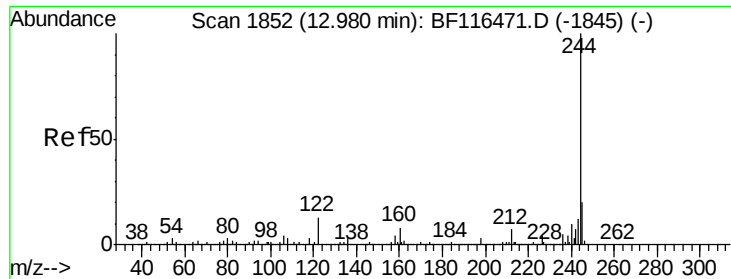
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	11.3	16.9
236	27.3	21.4	32.2



#78
Pyrene
Concen: 3.041 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF116629.D
Acq: 28 Aug 2019 21:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.0
203	18.1	14.2	21.4





#79

Terphenyl-d14

Concen: 94.146 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF116629.D

Acq: 28 Aug 2019 21:51

Instrument :

BNA_F

ClientSampled :

TP-9-S

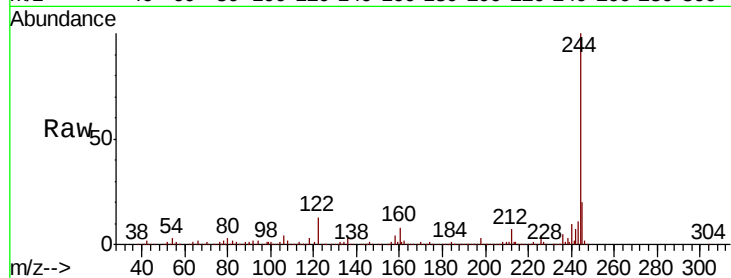
Tot Ion:244 Resp: 1094728

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

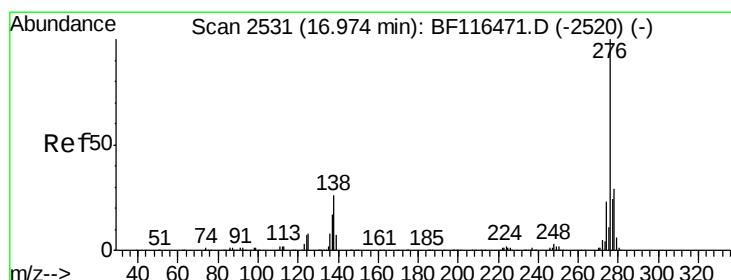
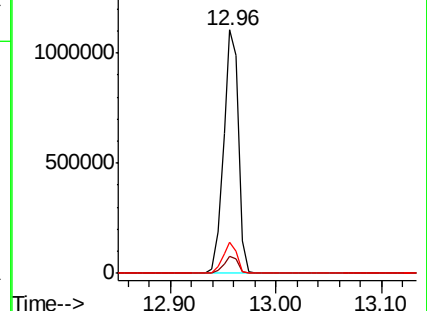
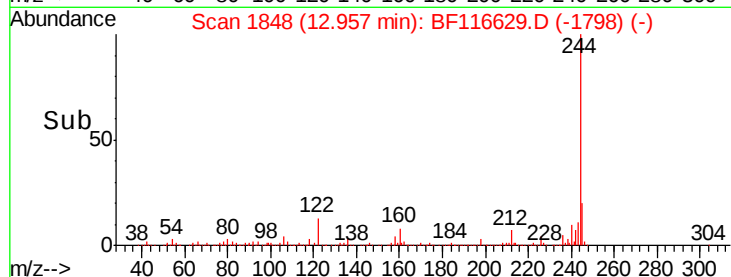
122 12.7 10.0 15.0



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 5.076 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.02 min

Lab File: BF116629.D

Acq: 28 Aug 2019 21:51

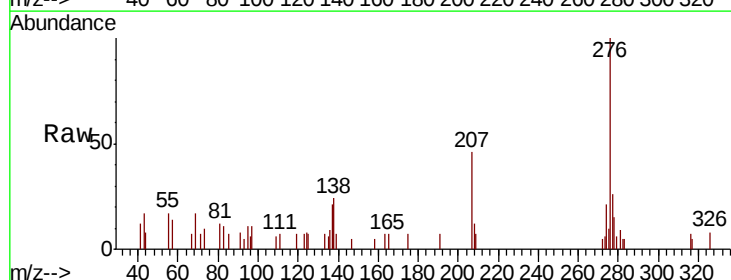
Tgt Ion:276 Resp: 12522

Ion Ratio Lower Upper

276 100

138 31.5 21.5 32.3

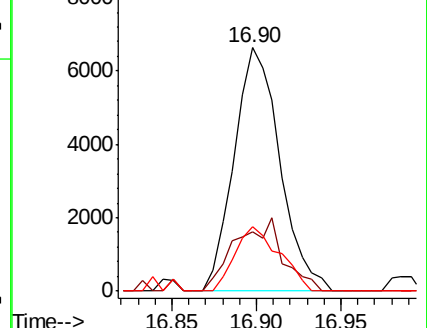
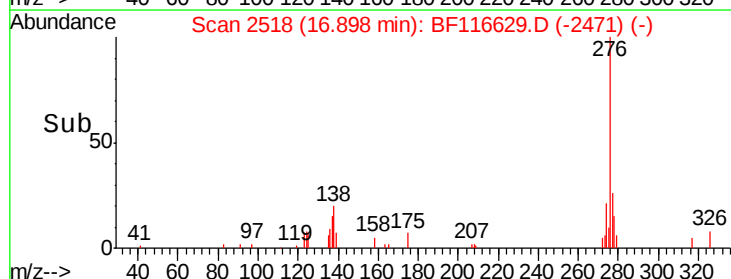
277 25.5 20.0 30.0

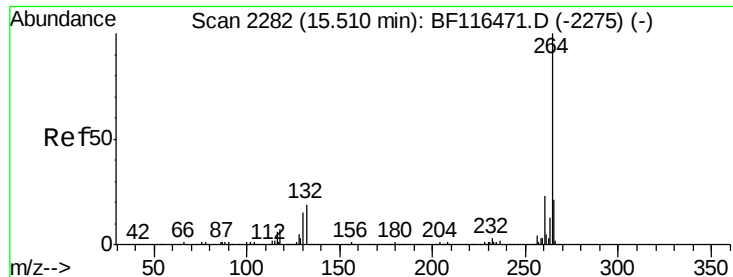


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116629.D
 Acq: 28 Aug 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.0	30.0
265	21.0	17.6	26.4

