

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
 Data File : BF115988.D
 Acq On : 5 Aug 2019 19:07
 Operator : HP/JU
 Sample : K4156-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT1873

Quant Time: Aug 06 03:29:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

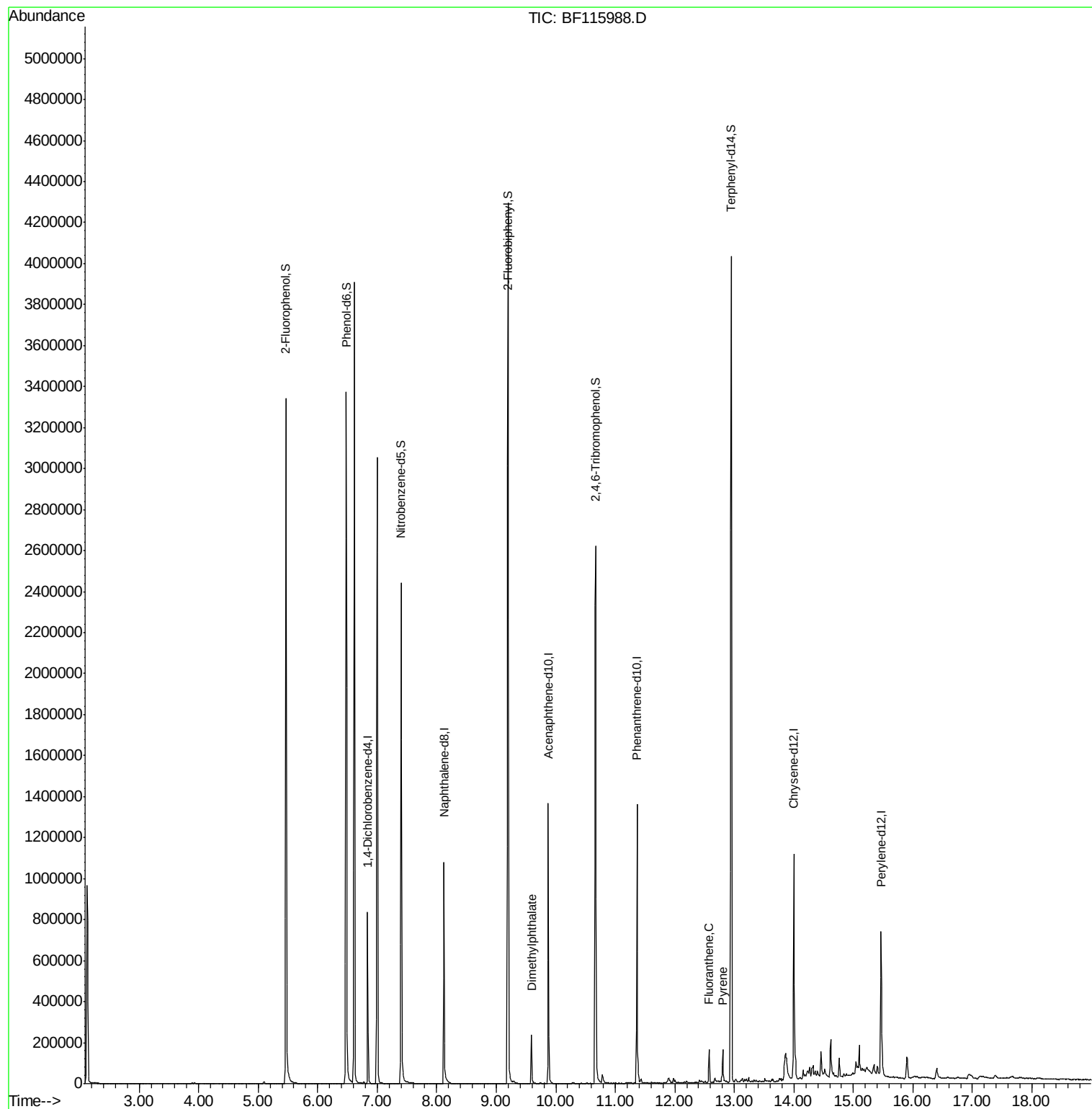
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132379	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	509658	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	272121	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	495495	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	370180	20.00	ng	-0.02
87) Perylene-d12	15.46	264	322191	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1061462	134.23	ng	0.00
7) Phenol-d6	6.48	99	1395860	139.91	ng	0.00
23) Nitrobenzene-d5	7.40	82	891937	101.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	360464	136.63	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1377905	94.84	ng	-0.02
79) Terphenyl-d14	12.95	244	1531591	87.18	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.59	163	116869	6.308	ng	99
75) Fluoranthene	12.57	202	67781	2.556	ng	98
78) Pyrene	12.80	202	66332	2.377	ng	96

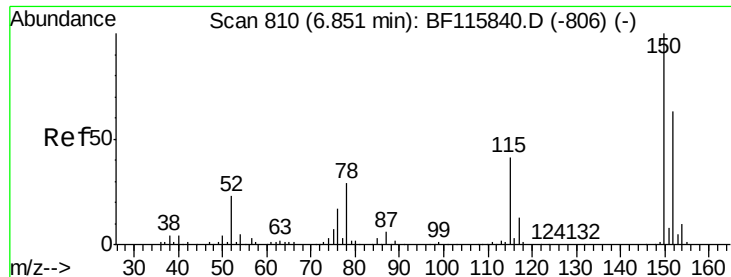
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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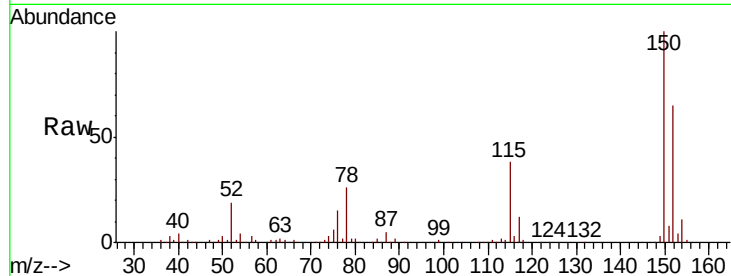


#1

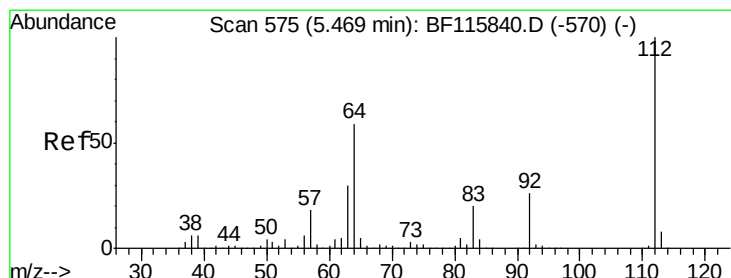
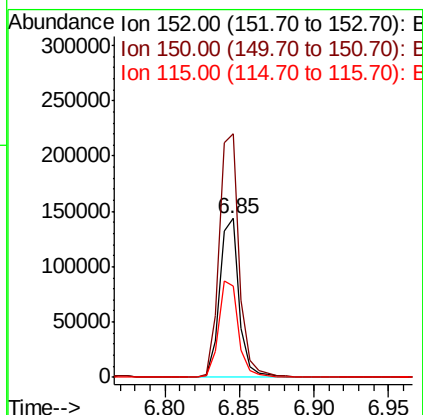
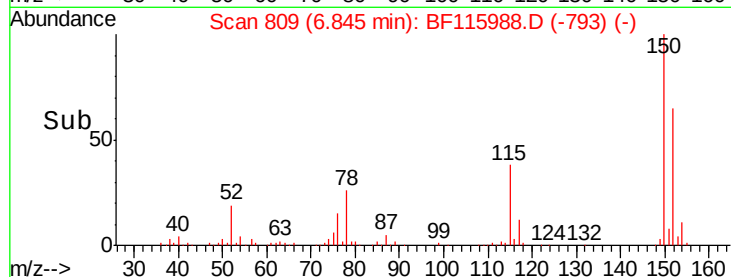
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF115988.D
Acq: 5 Aug 2019 19:07

Instrument :
BNA_F
ClientSampleId :
RT1873

Tot Ion:152 Resp: 132379
Ion Ratio Lower Upper
152 100
150 153.6 127.4 191.0
115 57.8 51.8 77.8



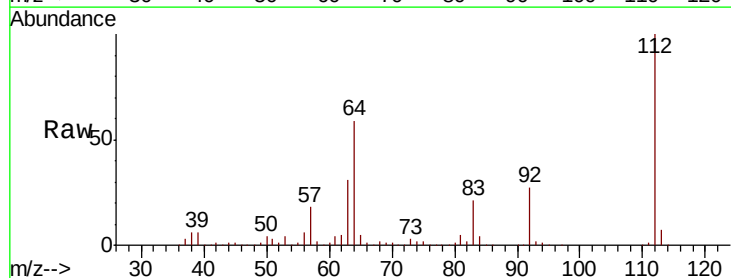
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



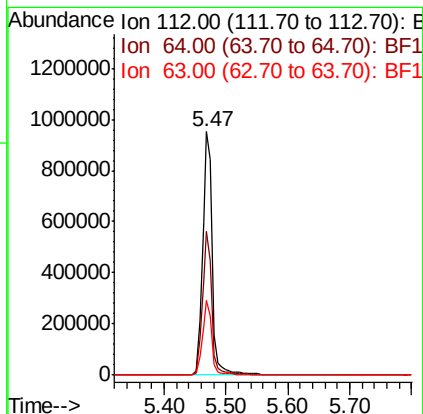
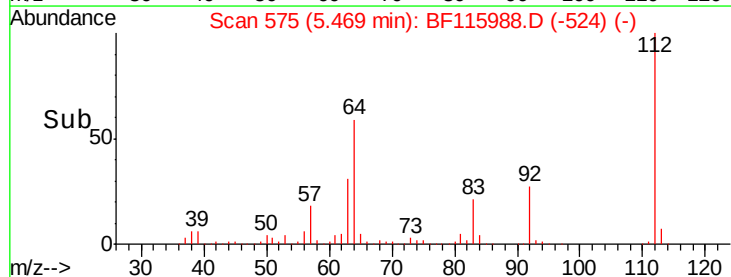
#5

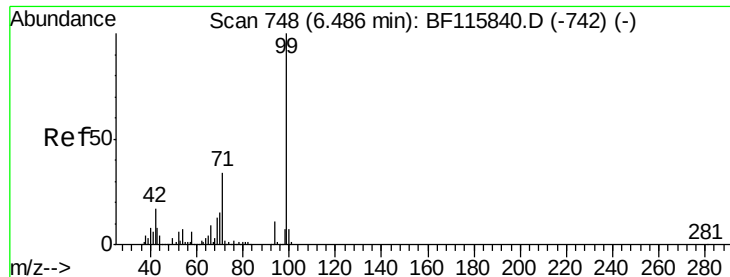
2-Fluorophenol
Concen: 134.232 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF115988.D
Acq: 5 Aug 2019 19:07

Tgt Ion:112 Resp: 1061462
Ion Ratio Lower Upper
112 100
64 59.2 46.8 70.2
63 30.8 24.2 36.2



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: 139.909 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115988.D

Acq: 5 Aug 2019 19:07

Instrument :

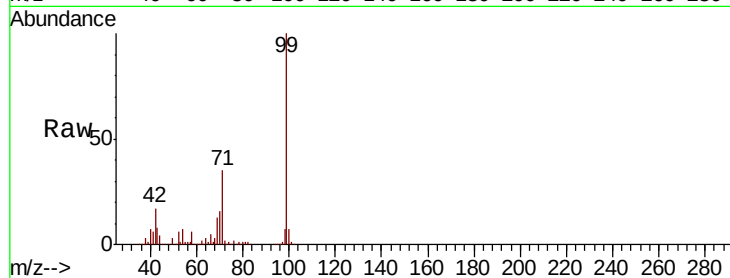
BNA_F

ClientSampleId :

RT1873

Tot Ion: 99 Resp: 1395860

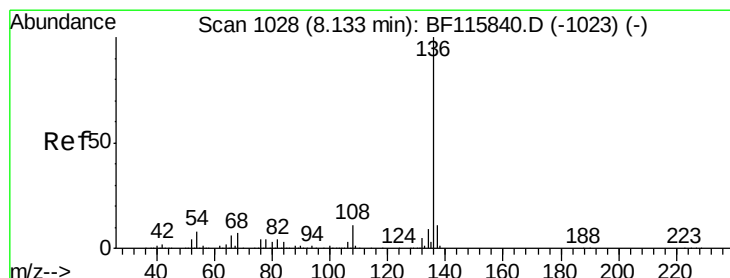
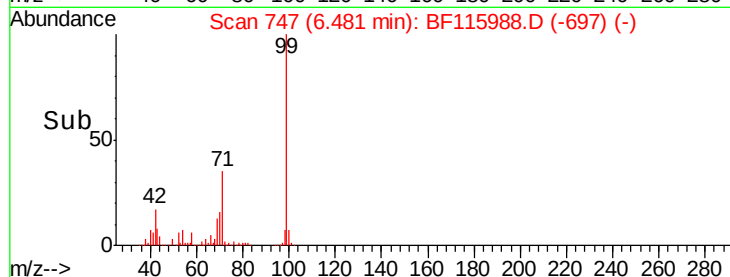
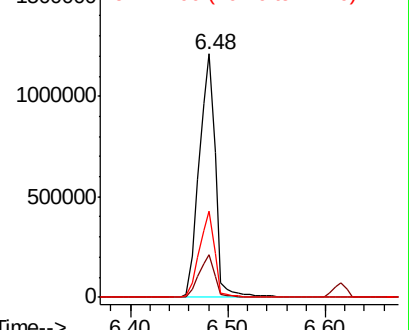
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.6
71	35.3	27.1	40.7



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# 1026

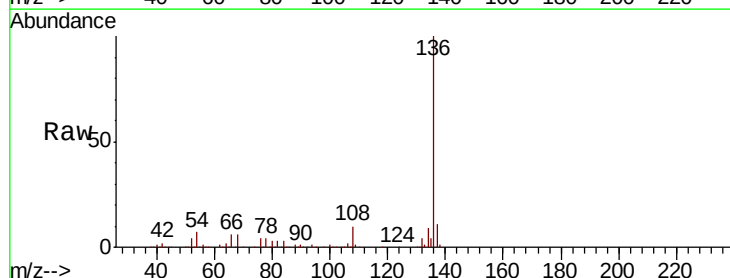
Delta R.T. -0.01 min

Lab File: BF115988.D

Acq: 5 Aug 2019 19:07

Tgt Ion: 136 Resp: 509658

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.4	6.1	9.1
68	6.4	5.4	8.2

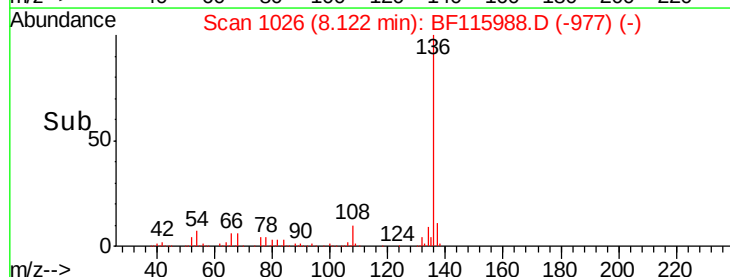
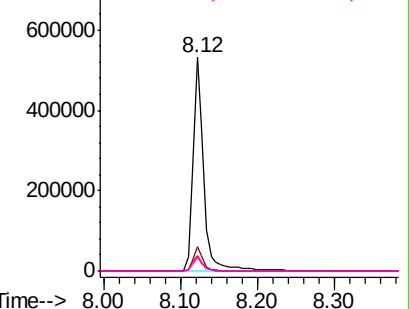


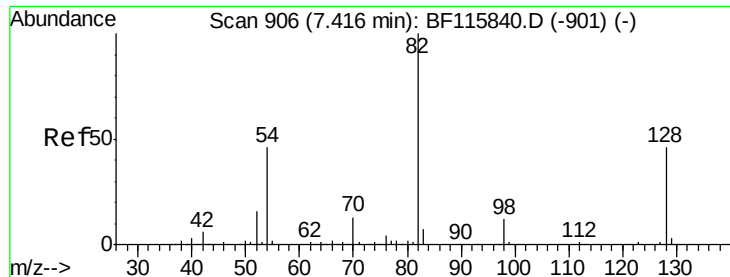
Abundance Ion 136.00 (135.70 to 136.70): E

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

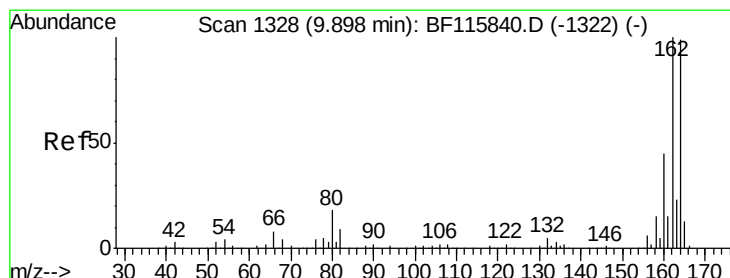
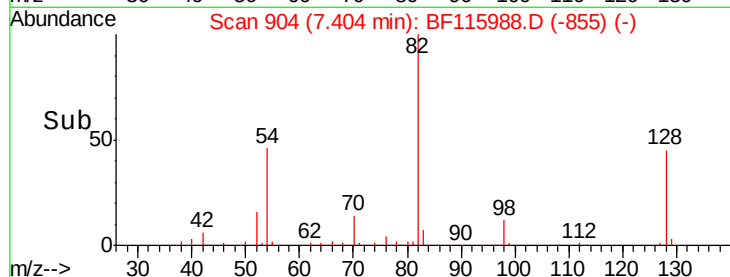
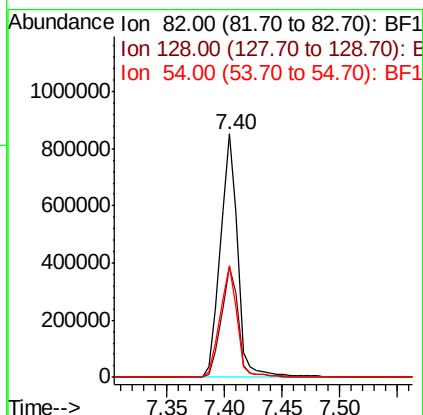
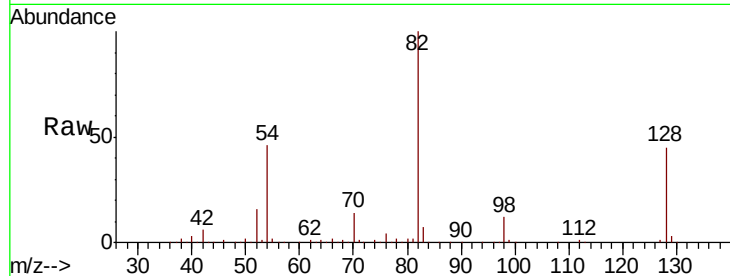




#23
 Nitrobenzene-d5
 Concen: 101.019 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF115988.D
 Acq: 5 Aug 2019 19:07

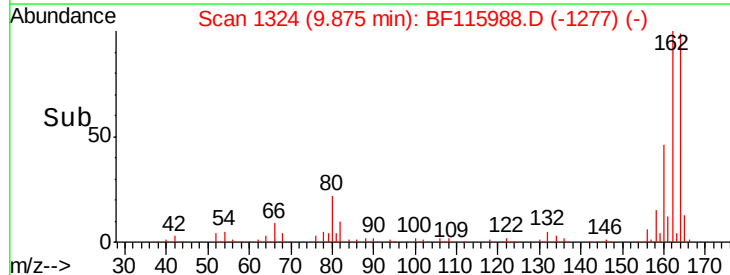
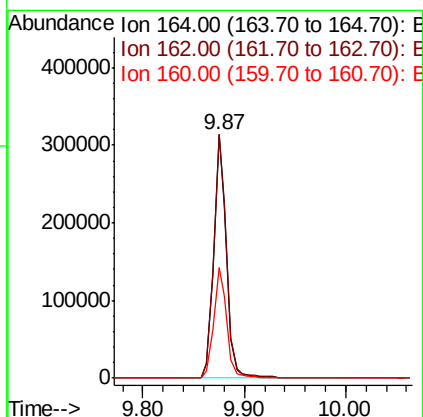
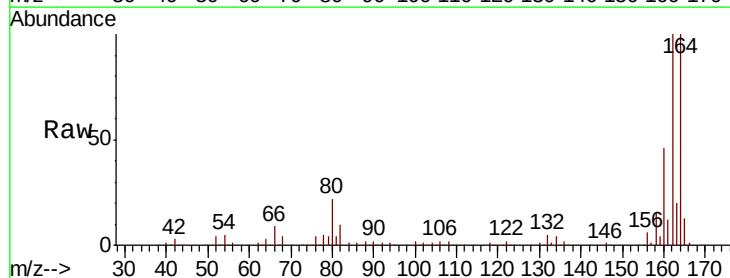
Instrument :
 BNA_F
 ClientSampled :
 RT1873

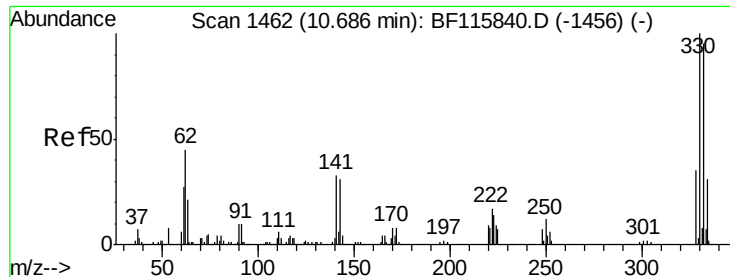
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.6	55.0
54	45.7	36.6	55.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF115988.D
 Acq: 5 Aug 2019 19:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.8	121.2
160	45.5	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 136.628 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF115988.D

Acq: 5 Aug 2019 19:07

Instrument :

BNA_F

ClientSampleId :

RT1873

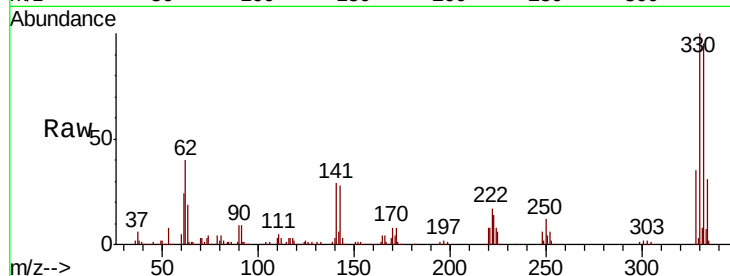
Tot Ion:330 Resp: 360464

Ion Ratio Lower Upper

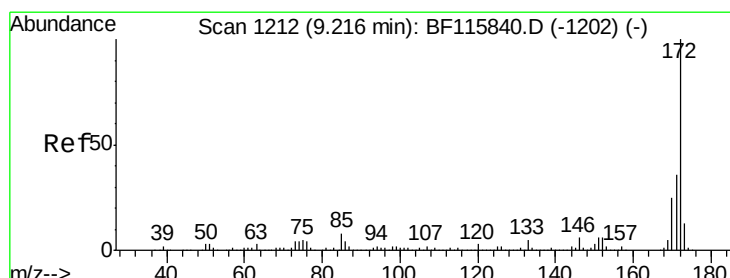
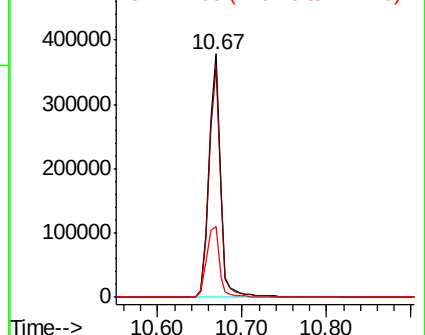
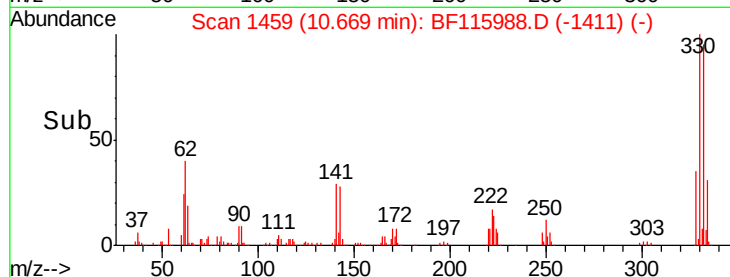
330 100

332 95.3 77.7 116.5

141 33.1 28.1 42.1



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: 94.844 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF115988.D

Acq: 5 Aug 2019 19:07

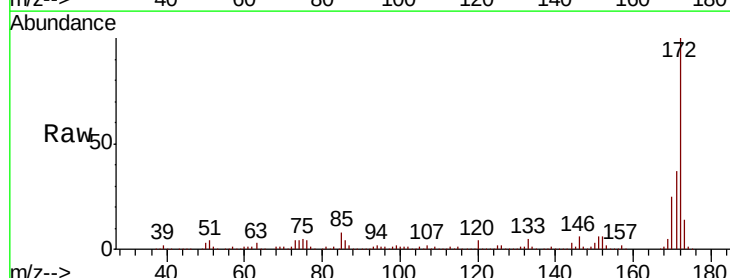
Tgt Ion:172 Resp: 1377905

Ion Ratio Lower Upper

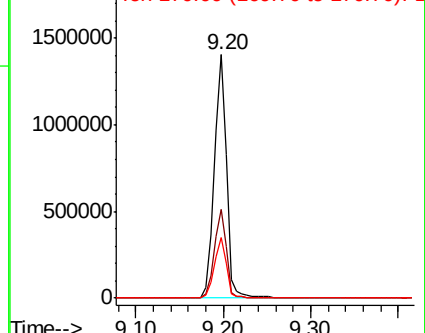
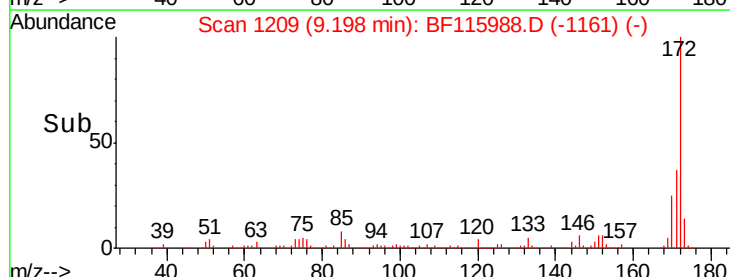
172 100

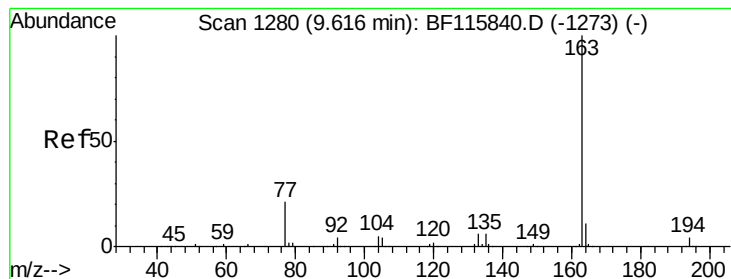
171 36.6 29.1 43.7

170 25.1 20.1 30.1



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: 6.308 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF115988.D

Acq: 5 Aug 2019 19:07

Instrument :

BNA_F

ClientSampleId :

RT1873

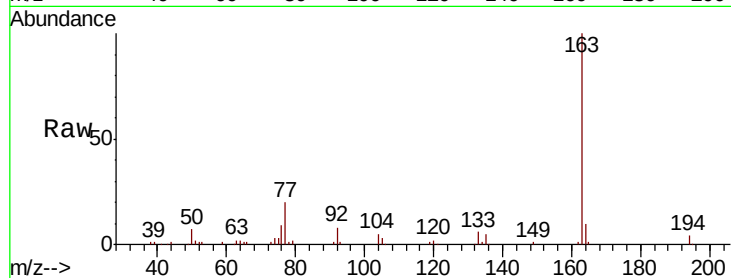
Tot Ion:163 Resp: 116869

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

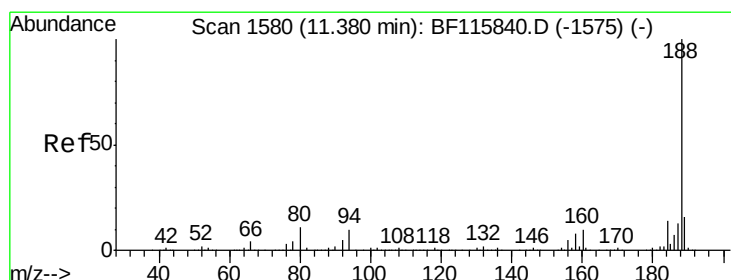
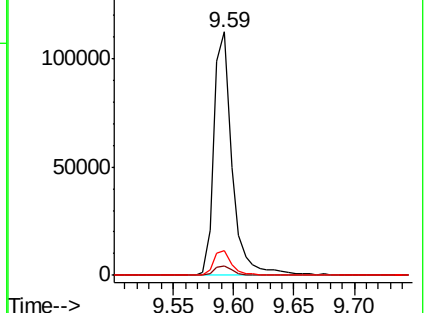
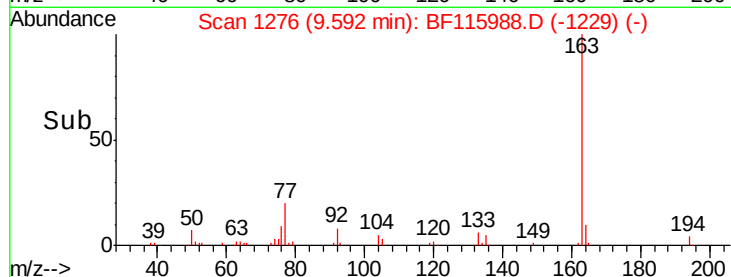
164 10.1 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF115988.D

Acq: 5 Aug 2019 19:07

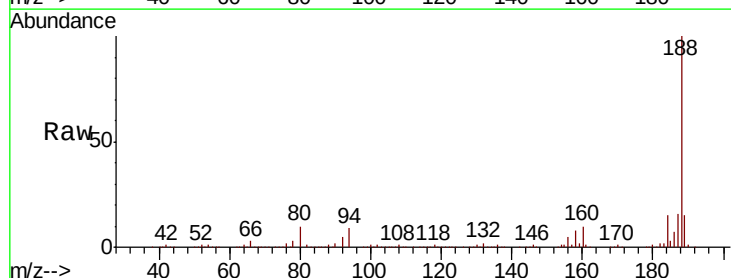
Tgt Ion:188 Resp: 495495

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

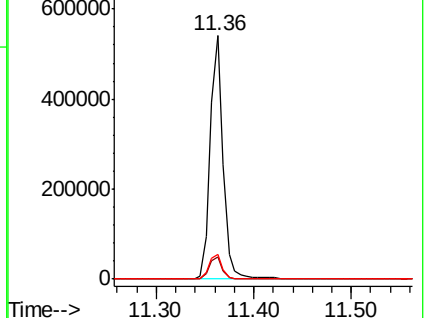
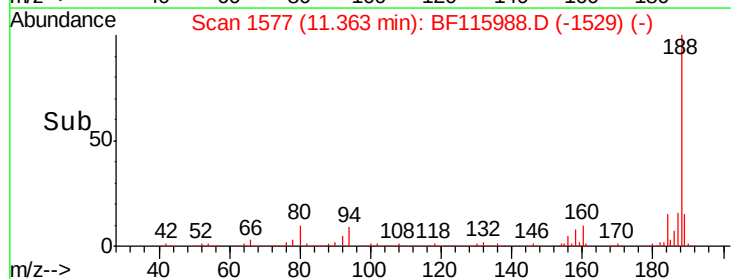
80 10.1 8.6 12.8

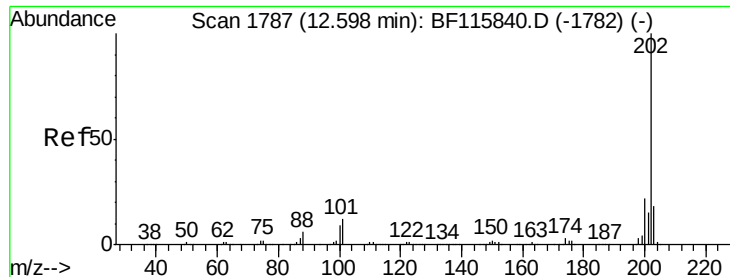


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

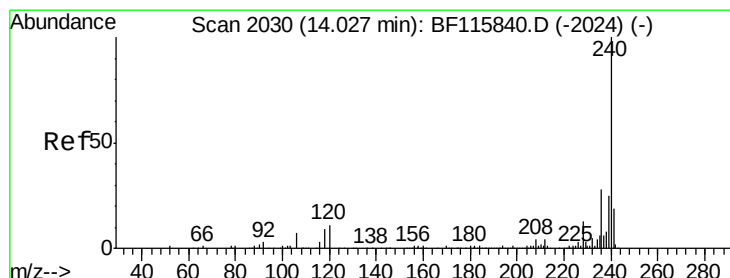
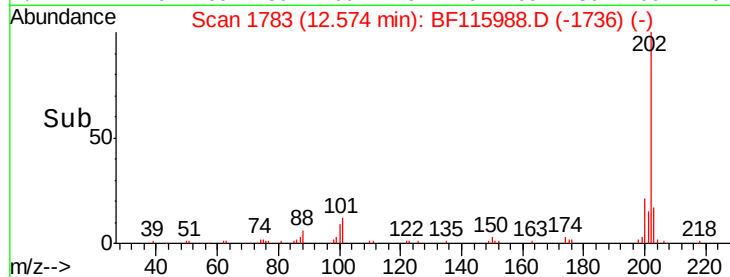
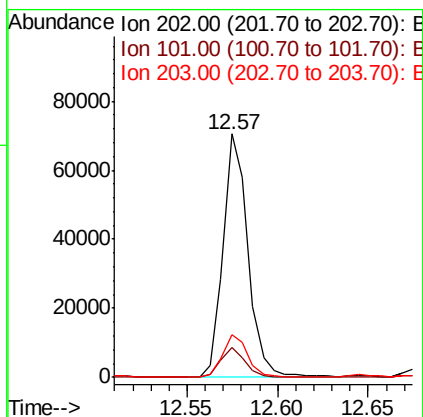
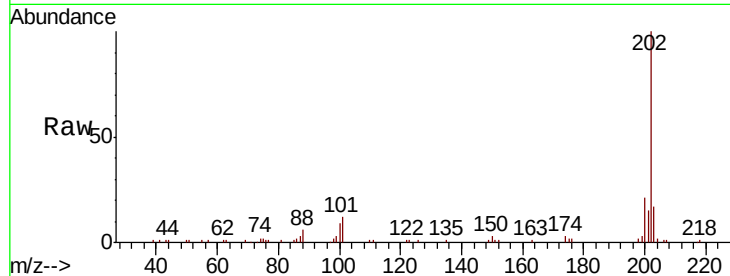




#75
Fluoranthene
Concen: 2.556 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BF115988.D
Acq: 5 Aug 2019 19:07

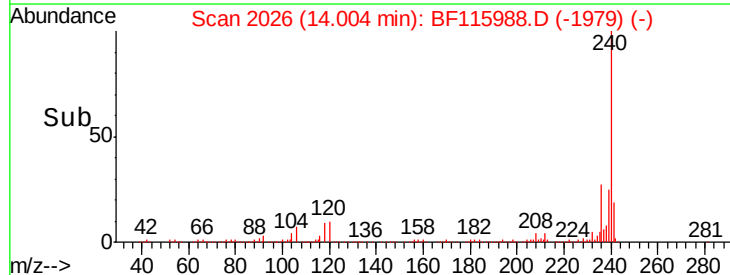
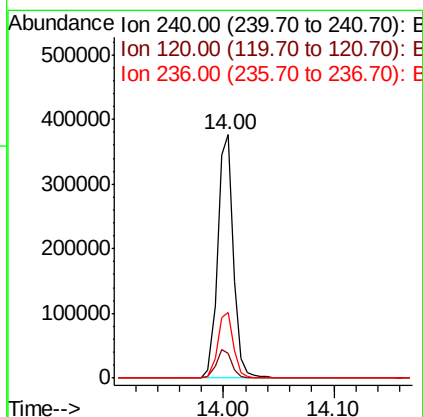
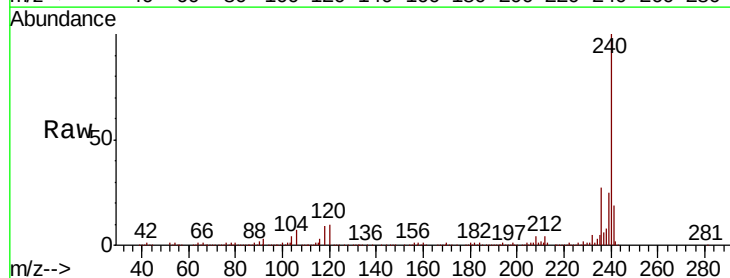
Instrument :
BNA_F
ClientSampleId :
RT1873

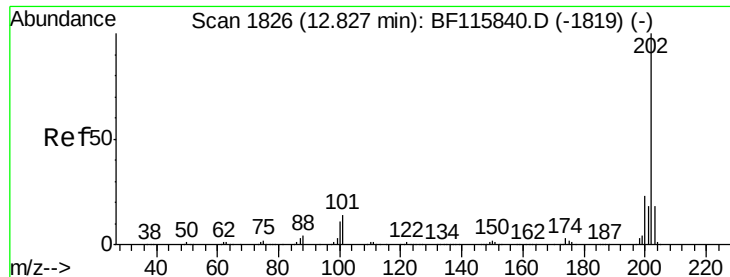
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.5
203	17.3	0.0	37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF115988.D
Acq: 5 Aug 2019 19:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.5	12.7
236	27.1	22.2	33.2

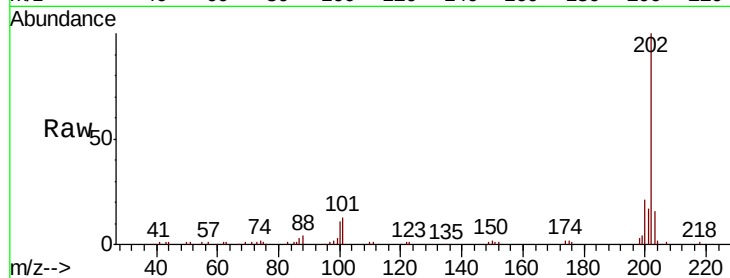




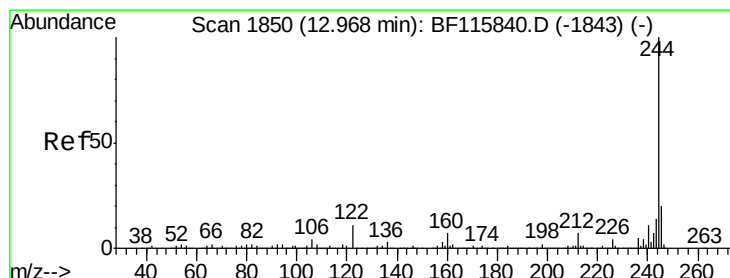
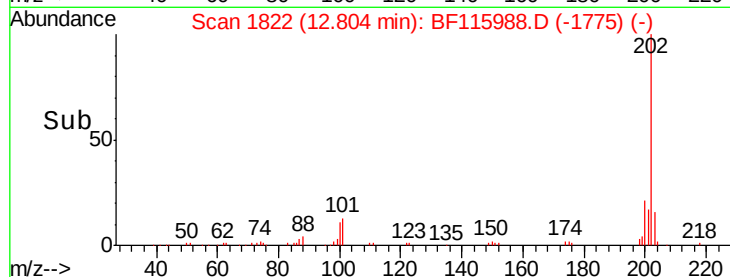
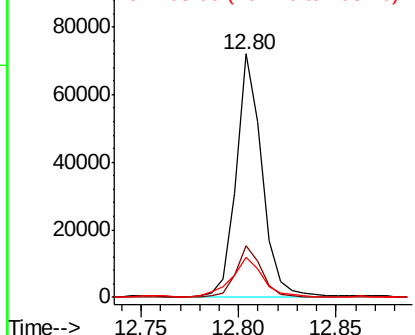
#78
Pvrene
Concen: 2.377 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BF115988.D
Acq: 5 Aug 2019 19:07

Instrument :
BNA_F
ClientSampleId :
RT1873

Tot Ion:202 Resp: 66332
Ion Ratio Lower Upper
202 100
200 21.0 18.2 27.2
203 16.2 14.3 21.5

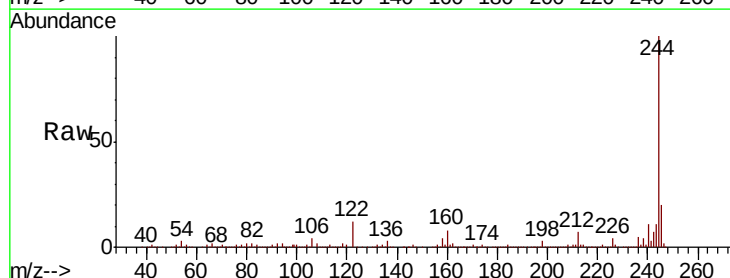


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

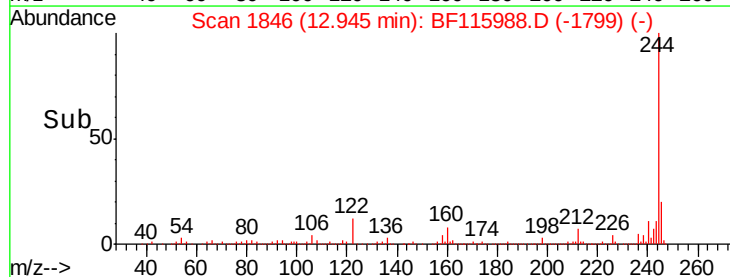
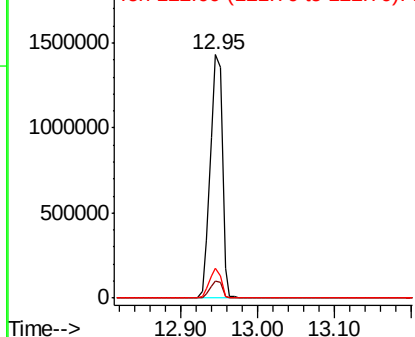


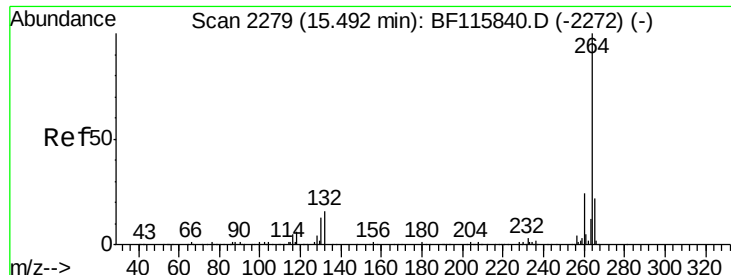
#79
Terphenyl-d14
Concen: 87.182 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF115988.D
Acq: 5 Aug 2019 19:07

Tgt Ion:244 Resp: 1531591
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 12.3 8.6 13.0



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF115988.D
Acq: 5 Aug 2019 19:07

Instrument :
BNA_F
ClientSampleId :
RT1873

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.2	17.5	26.3

