

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114485.D
 Acq On : 22 May 2019 14:58
 Operator : JU/SJ
 Sample : PB119674BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119674BL

Quant Time: May 22 16:12:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	207919	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	807958	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	390482	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	818170	20.00	ng	0.00
76) Chrysene-d12	14.00	240	658721	20.00	ng	0.00
87) Perylene-d12	15.47	264	712031	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	934653	72.34	ng	0.00
7) Phenol-d6	6.47	99	1191234	77.95	ng	-0.02
23) Nitrobenzene-d5	7.39	82	1067738	74.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	302811	75.01	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1901765	73.67	ng	0.00
79) Terphenyl-d14	12.93	244	1911077	59.81	ng	0.00

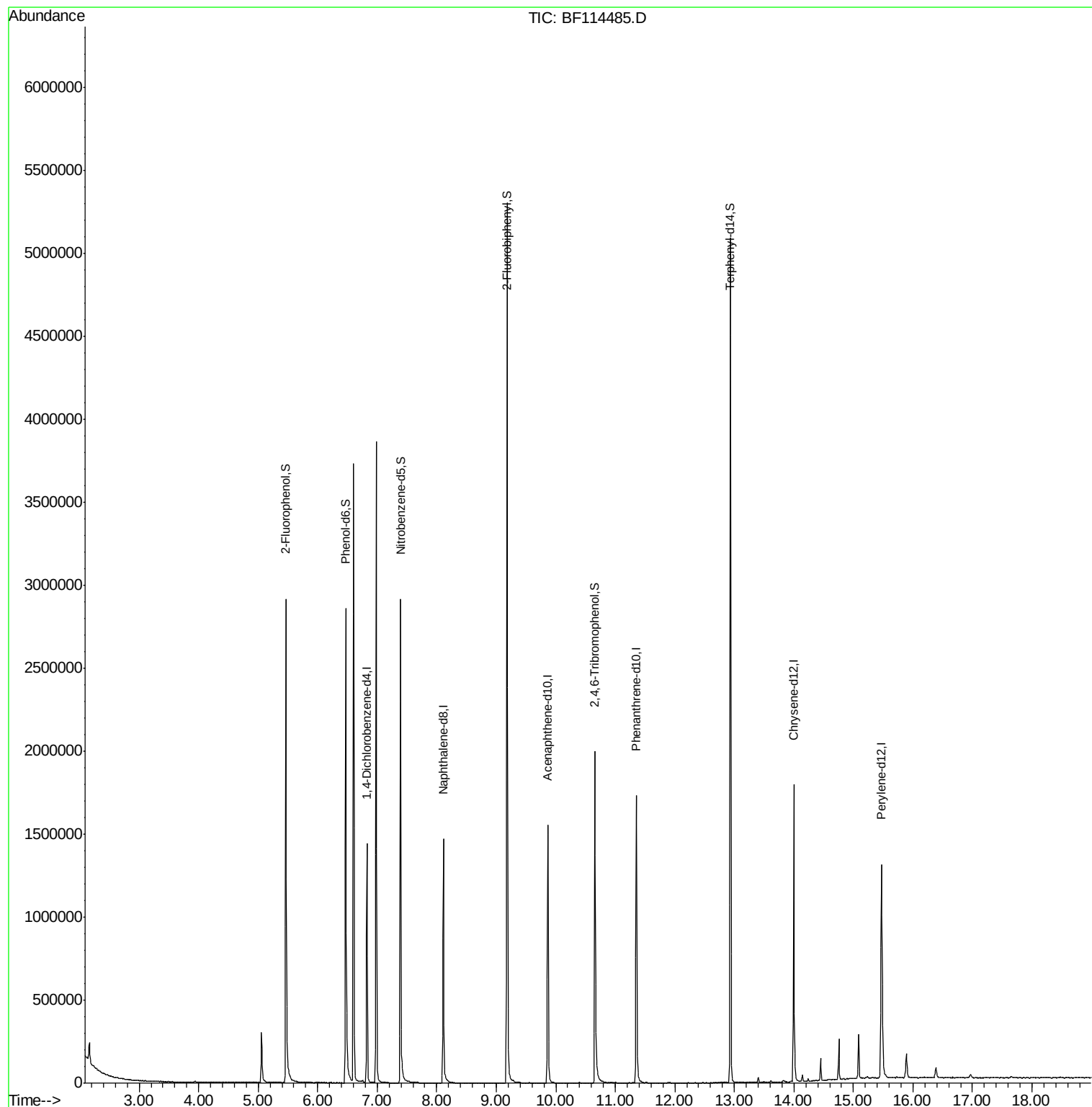
Target Compounds Qvalue

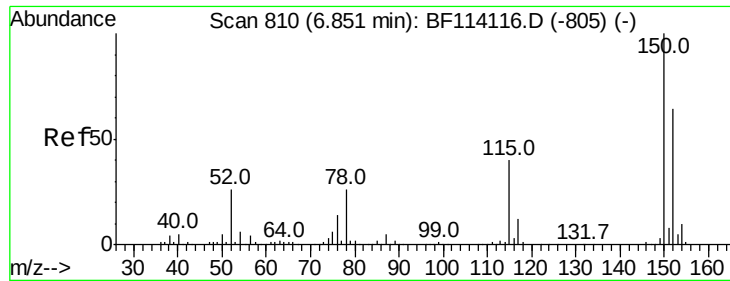
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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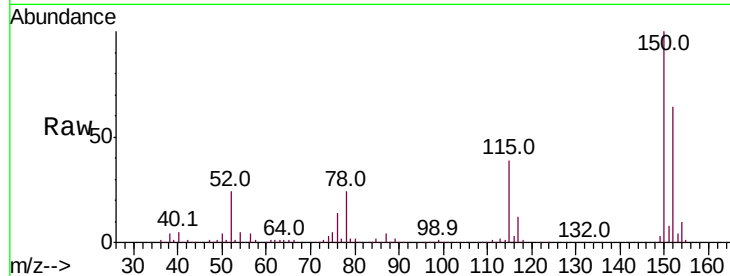


#1

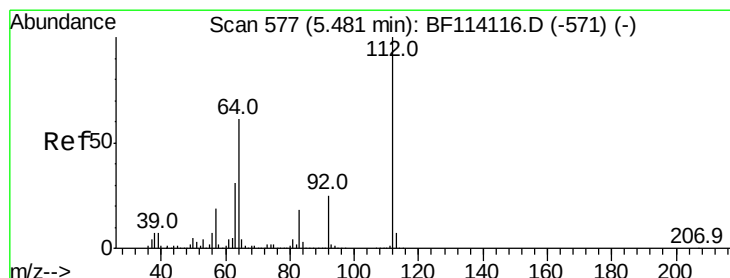
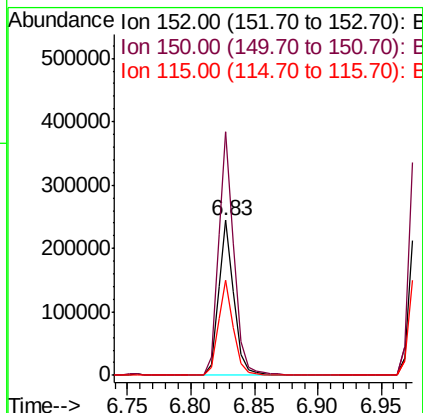
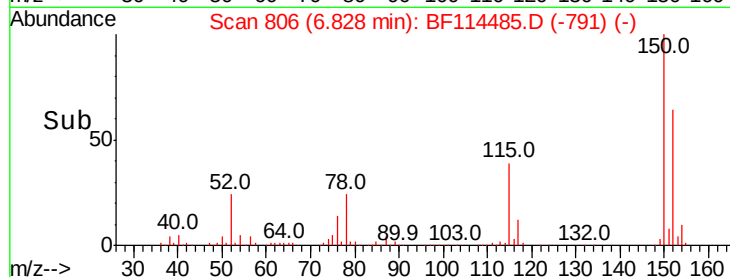
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114485.D
Acq: 22 May 2019 14:58

Instrument :
BNA_F
ClientSampleId :
PB119674BL

Tot Ion:152 Resp: 207919
Ion Ratio Lower Upper
152 100
150 157.0 124.3 186.5
115 61.1 49.1 73.7



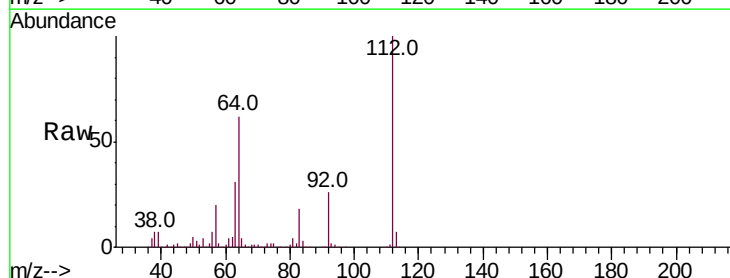
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



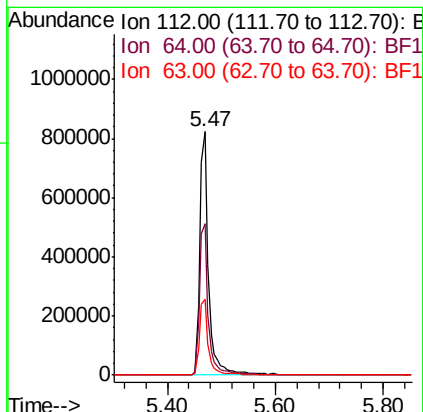
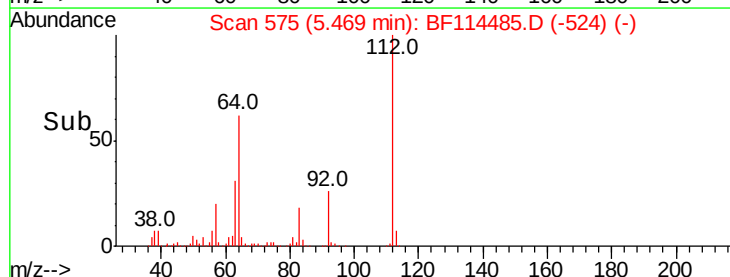
#5

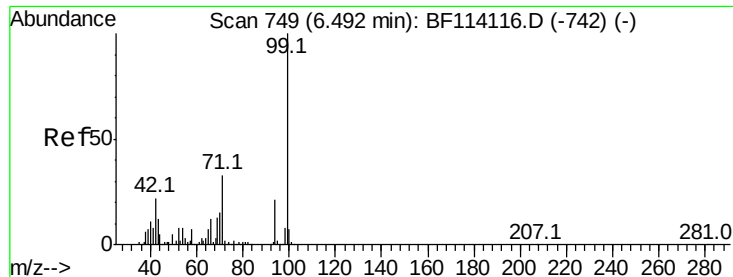
2-Fluorophenol
Concen: 72.341 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF114485.D
Acq: 22 May 2019 14:58

Tgt Ion:112 Resp: 934653
Ion Ratio Lower Upper
112 100
64 62.3 49.0 73.6
63 31.4 24.6 37.0



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: 77.955 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF114485.D

Acq: 22 May 2019 14:58

Instrument :

BNA_F

ClientSampleId :

PB119674BL

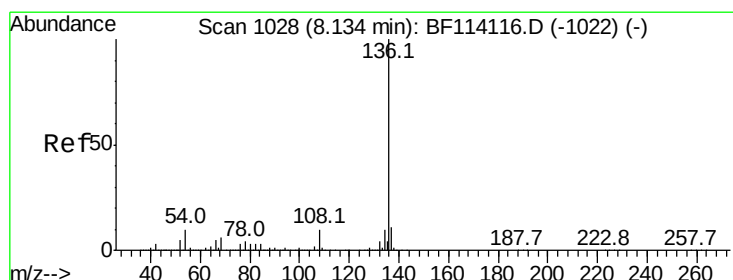
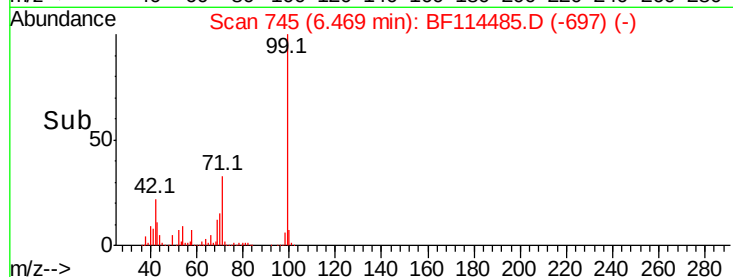
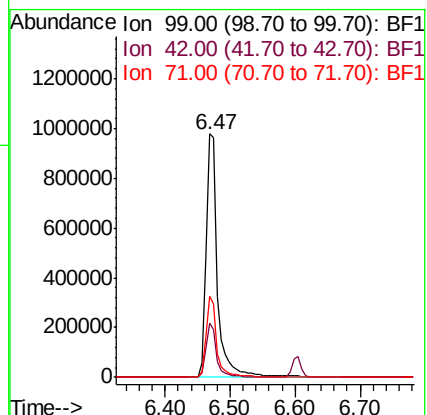
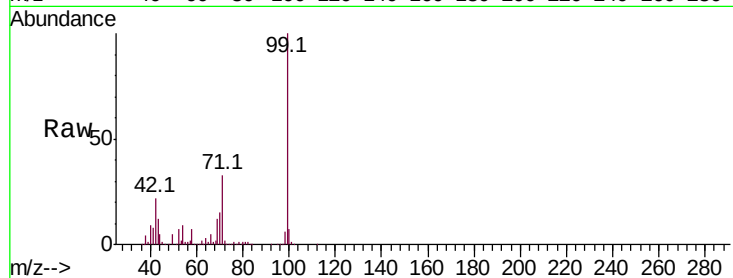
Tot Ion: 99 Resp: 1191234

Ion Ratio Lower Upper

99 100

42 22.5 17.9 26.9

71 33.5 26.2 39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114485.D

Acq: 22 May 2019 14:58

Tgt Ion: 136 Resp: 807958

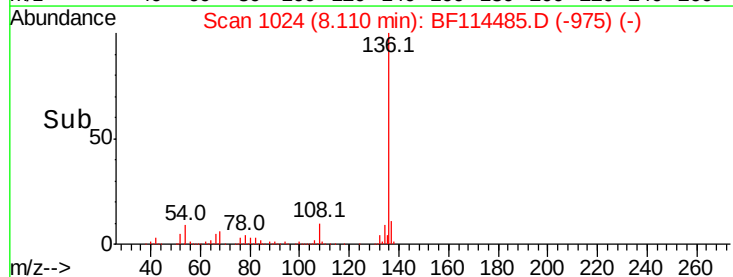
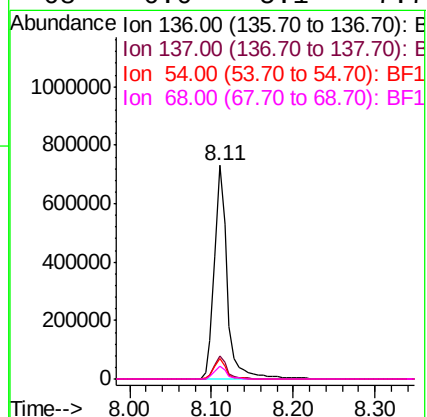
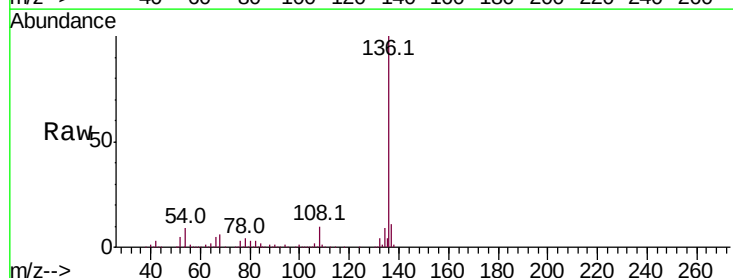
Ion Ratio Lower Upper

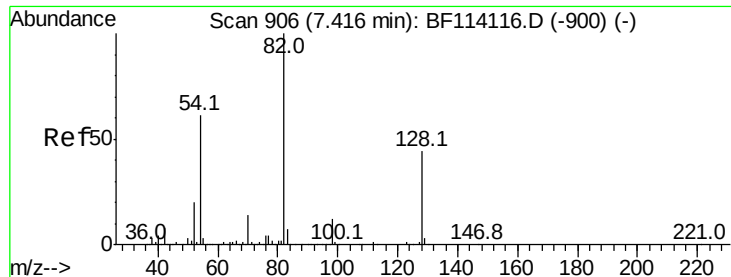
136 100

137 10.9 8.8 13.2

54 9.5 7.8 11.8

68 6.0 5.1 7.7

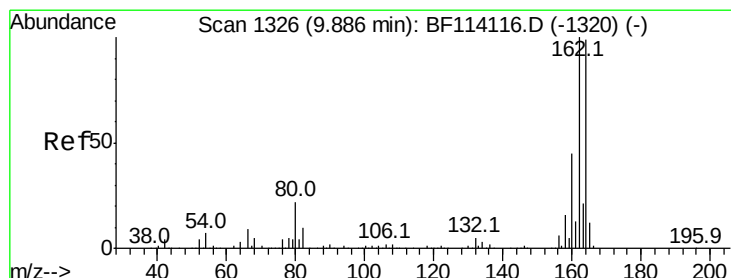
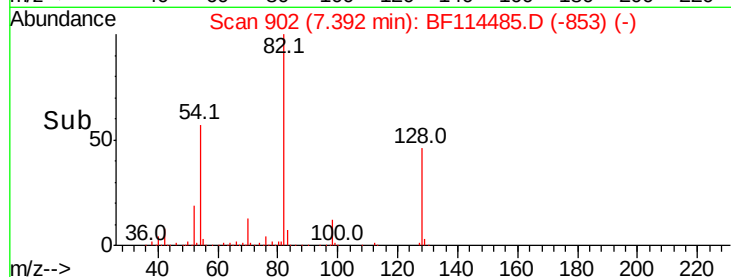
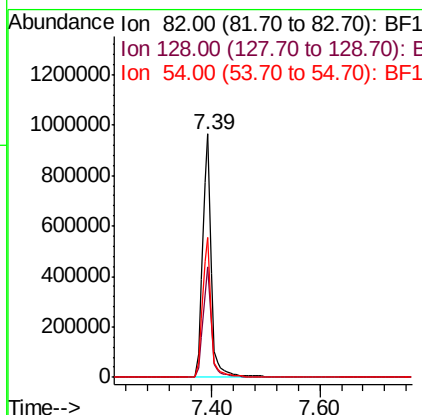
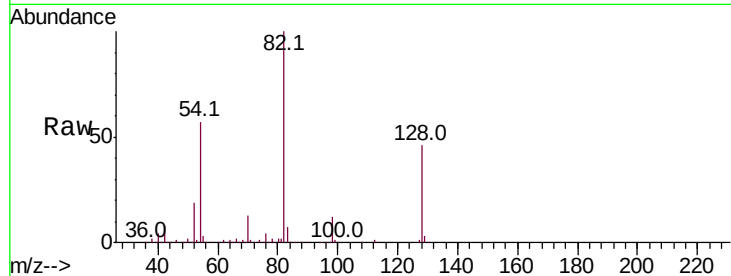




#23
 Nitrobenzene-d5
 Concen: 74.164 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114485.D
 Acq: 22 May 2019 14:58

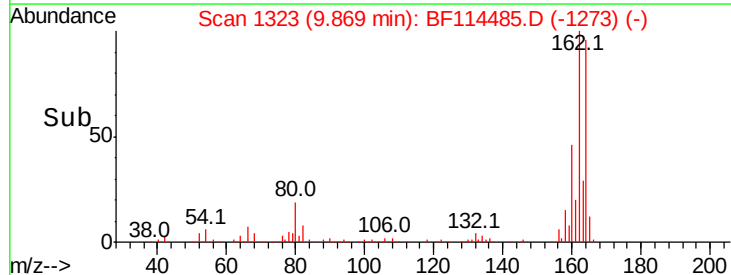
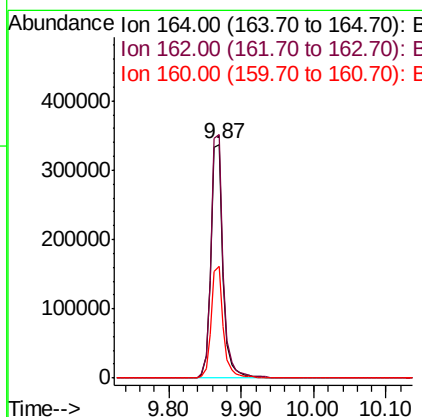
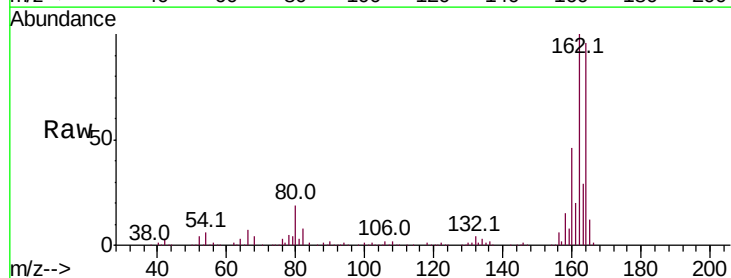
Instrument :
 BNA_F
 ClientSampleId :
 PB119674BL

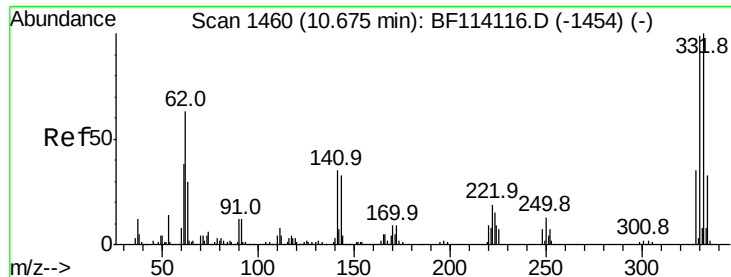
Tot Ion: 82 Resp: 1067738
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.5 53.3
 54 57.5 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114485.D
 Acq: 22 May 2019 14:58

Tgt Ion:164 Resp: 390482
 Ion Ratio Lower Upper
 164 100
 162 104.1 80.6 120.8
 160 47.9 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 75.010 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114485.D

Acq: 22 May 2019 14:58

Instrument :

BNA_F

ClientSampleId :

PB119674BL

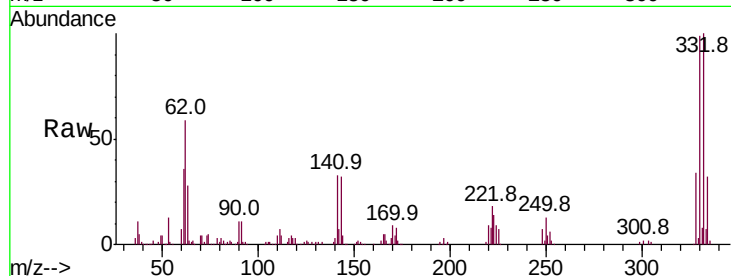
Tot Ion:330 Resp: 302811

Ion Ratio Lower Upper

330 100

332 101.1 81.4 122.2

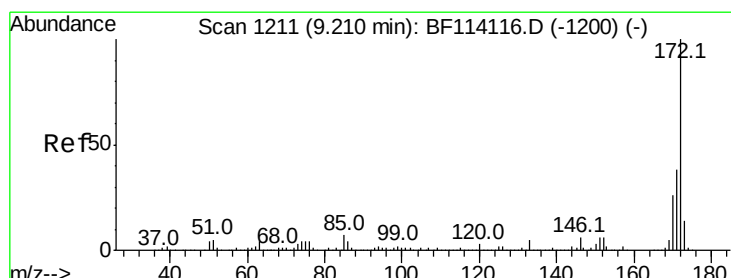
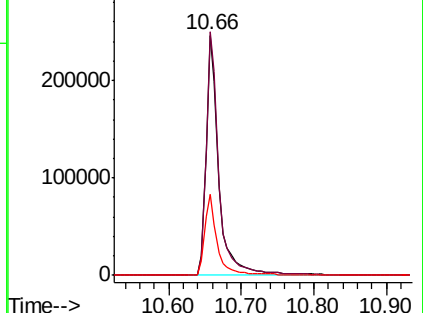
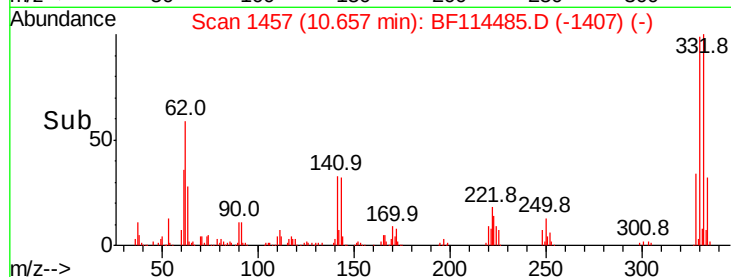
141 33.6 26.6 40.0



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: 73.671 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114485.D

Acq: 22 May 2019 14:58

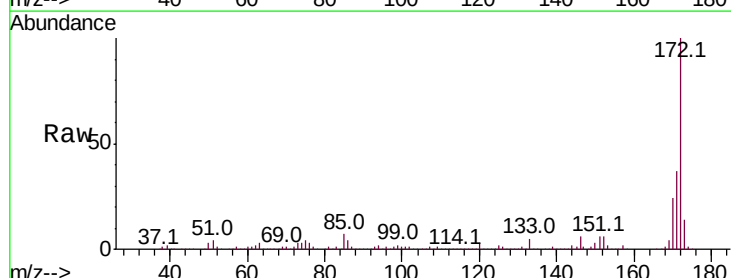
Tgt Ion:172 Resp: 1901765

Ion Ratio Lower Upper

172 100

171 36.7 30.7 46.1

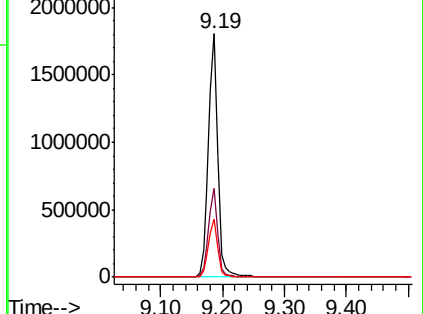
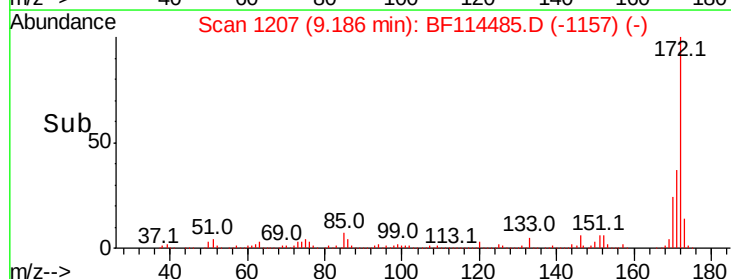
170 24.1 20.5 30.7

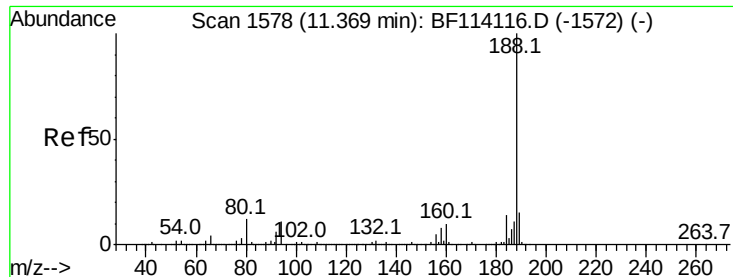


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

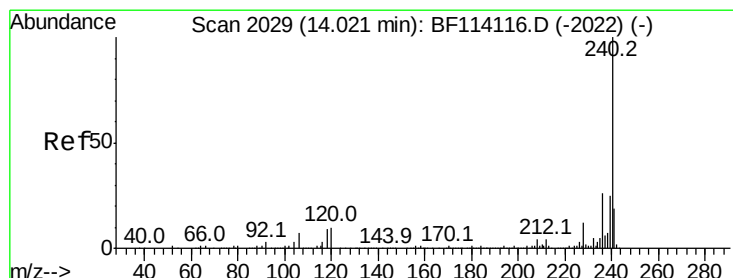
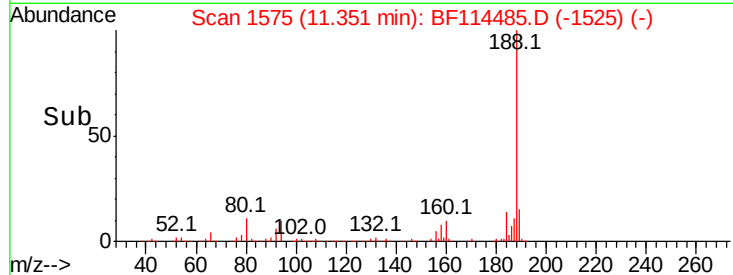
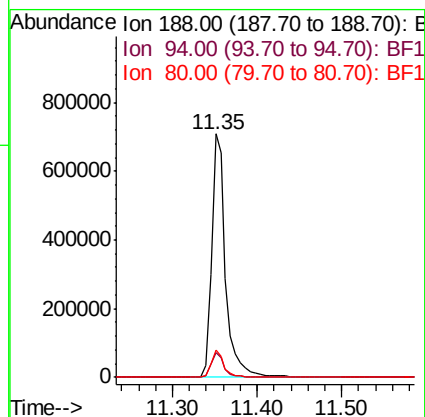
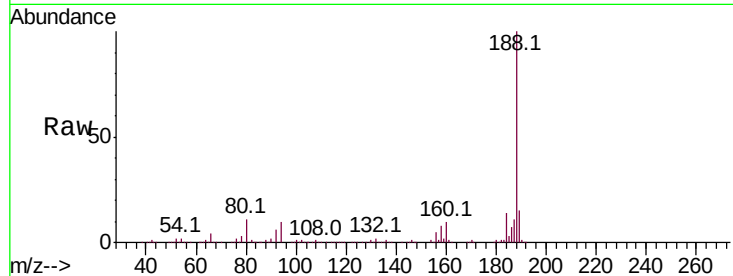




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114485.D
Acq: 22 May 2019 14:58

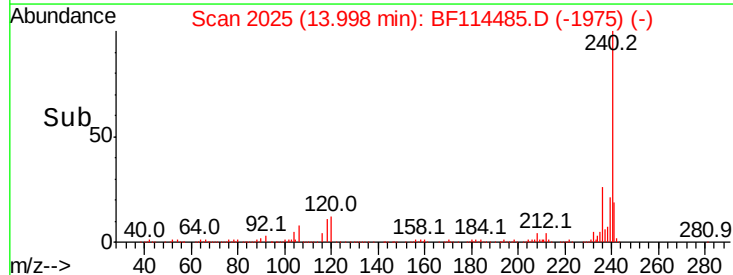
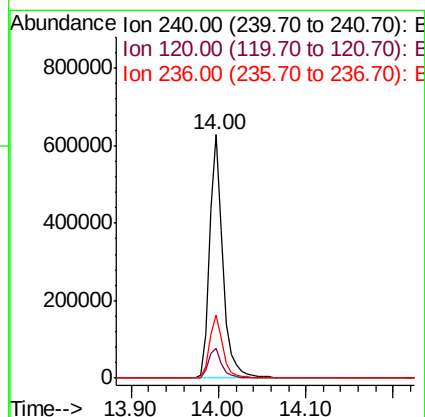
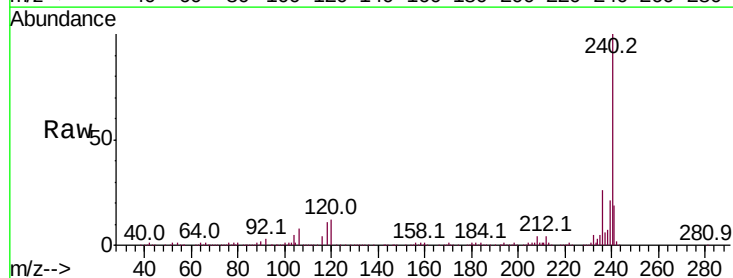
Instrument :
BNA_F
ClientSampleId :
PB119674BL

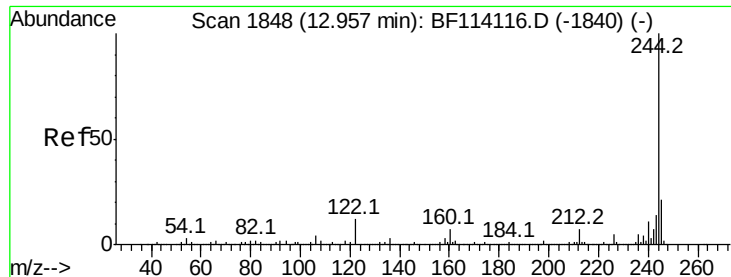
Tot Ion:188 Resp: 818170
Ion Ratio Lower Upper
188 100
94 10.3 8.4 12.6
80 11.0 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114485.D
Acq: 22 May 2019 14:58

Tgt Ion:240 Resp: 658721
Ion Ratio Lower Upper
240 100
120 12.3 8.3 12.5
236 25.8 20.8 31.2





#79

Terphenyl-d14

Concen: 59.806 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114485.D

Acq: 22 May 2019 14:58

Instrument :

BNA_F

ClientSampleId :

PB119674BL

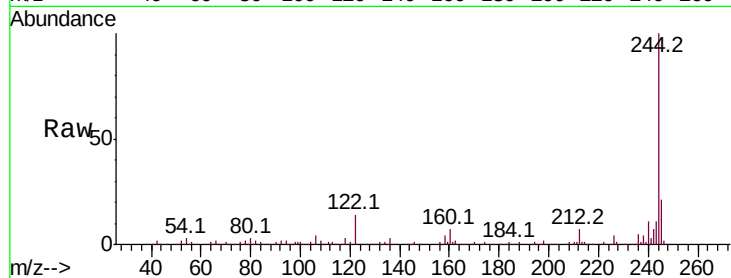
Tot Ion:244 Resp: 1911077

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

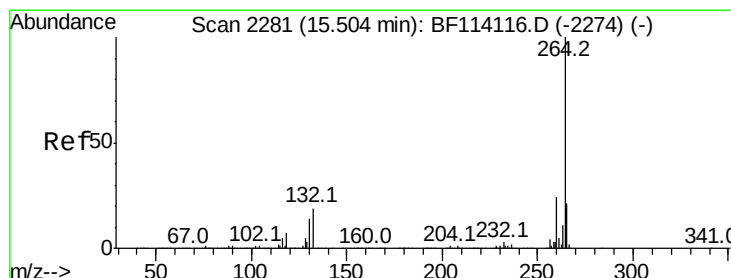
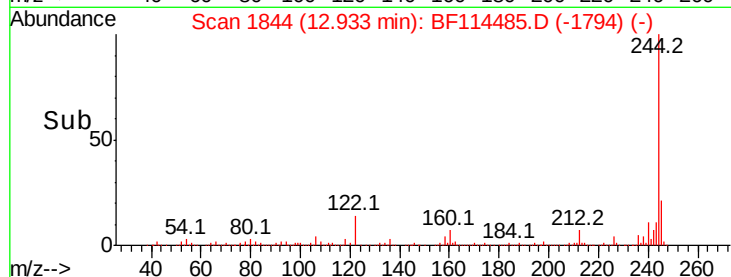
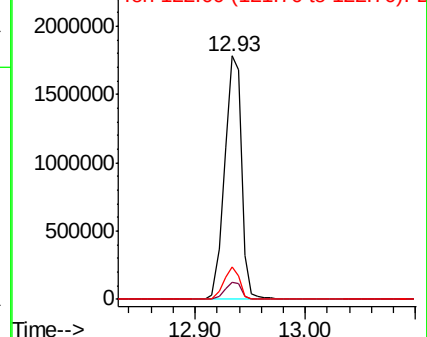
122 13.5 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF114485.D

Acq: 22 May 2019 14:58

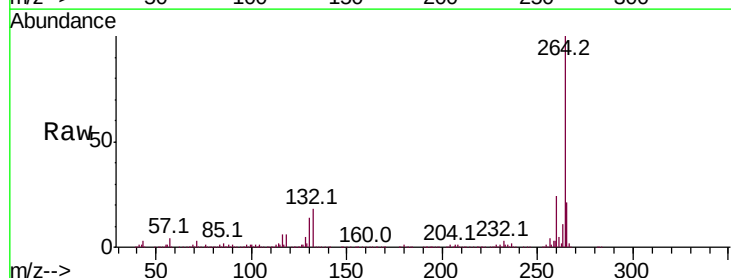
Tgt Ion:264 Resp: 712031

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 21.4 16.9 25.3



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

