

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116186.D
 Acq On : 12 Aug 2019 12:38
 Operator : HP/JU
 Sample : PB122104BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BL

Quant Time: Aug 12 15:21:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	138565	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	542857	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	297013	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	548296	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	405270	20.00	ng	-0.01
87) Perylene-d12	15.46	264	361820	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1007309	121.70	ng	0.00
7) Phenol-d6	6.47	99	1320584	126.45	ng	-0.01
23) Nitrobenzene-d5	7.40	82	854097	90.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	380195	132.03	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1531813	96.60	ng	-0.02
79) Terphenyl-d14	12.94	244	1754061	91.20	ng	-0.01

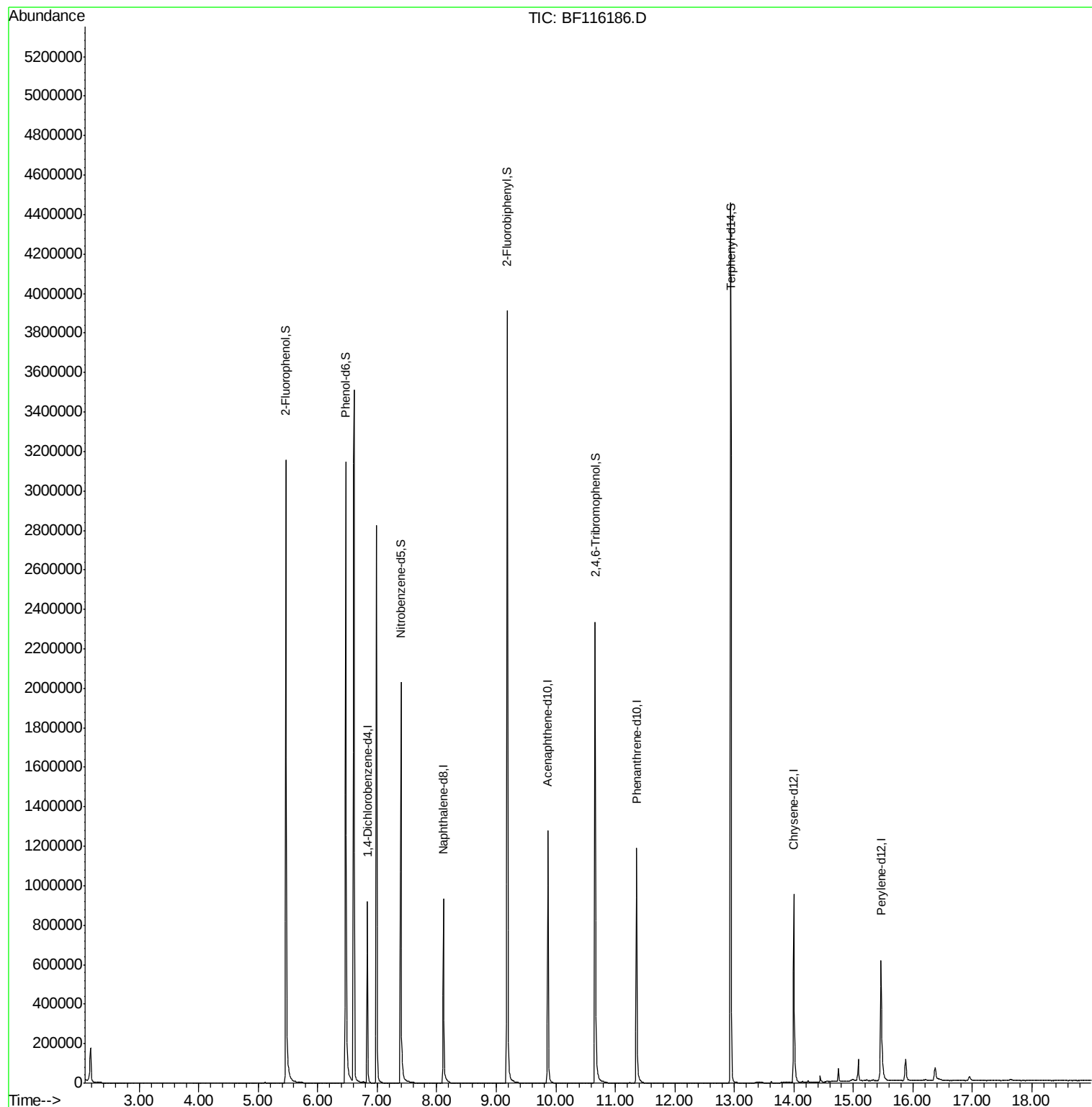
Target Compounds Qvalue

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

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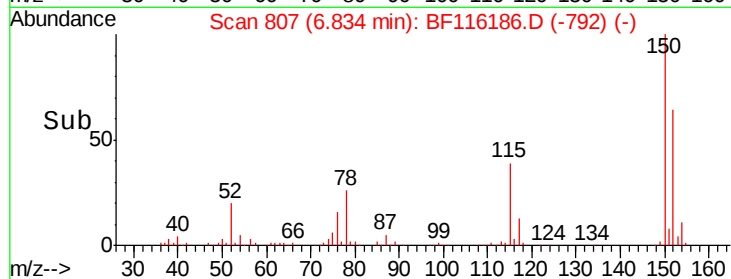
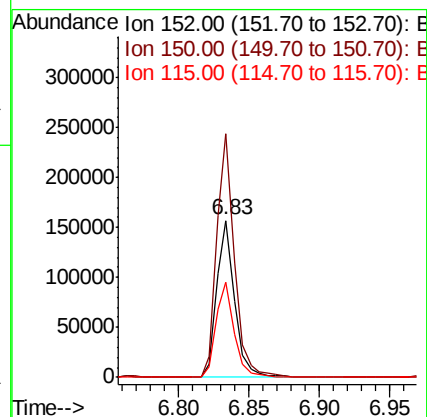
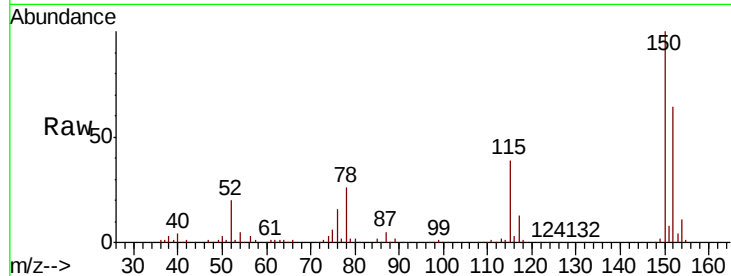


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116186.D
 Acq: 12 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BL

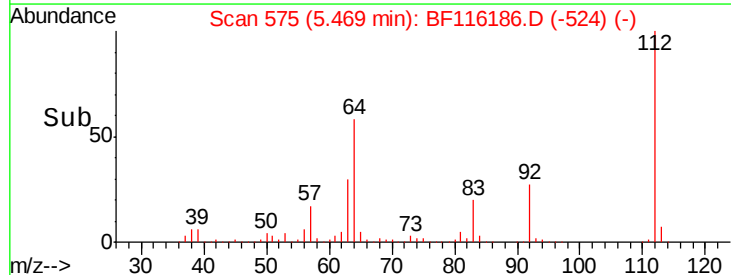
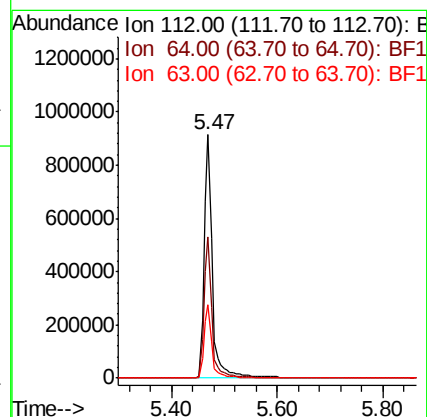
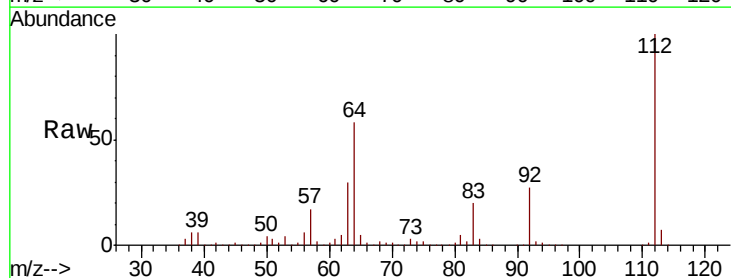
Tot Ion:152 Resp: 138565
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.2 189.2
 115 61.1 49.9 74.9



#5

2-Fluorophenol
 Concen: 121.697 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF116186.D
 Acq: 12 Aug 2019 12:38

Tgt Ion:112 Resp: 1007309
 Ion Ratio Lower Upper
 112 100
 64 57.9 45.4 68.2
 63 30.2 23.7 35.5





#7

Phenol-d6

Concen: 126.455 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116186.D

Acq: 12 Aug 2019 12:38

Instrument :

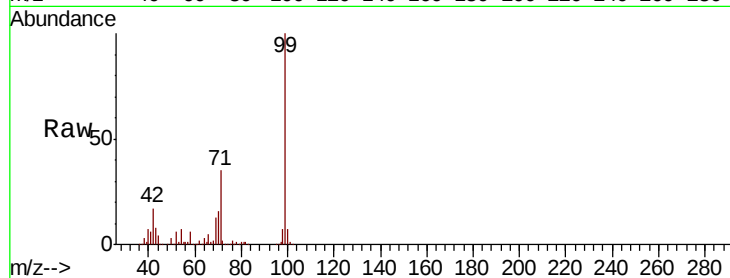
BNA_F

ClientSampleId :

PB122104BL

Tot Ion: 99 Resp: 1320584

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.8
71	35.0	27.3	40.9

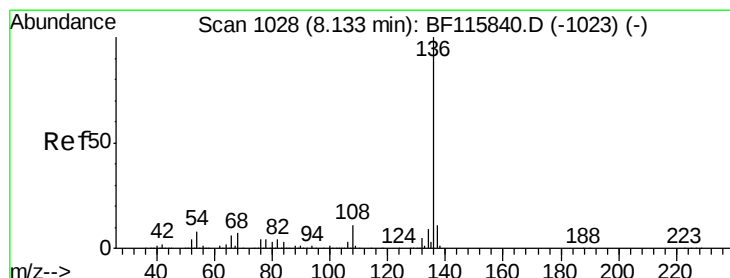
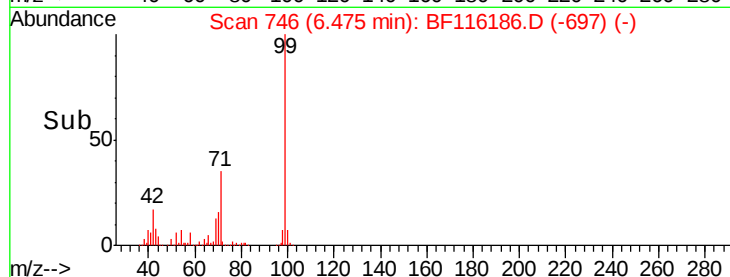


Abundance

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: 8.11 min Scan# 1024

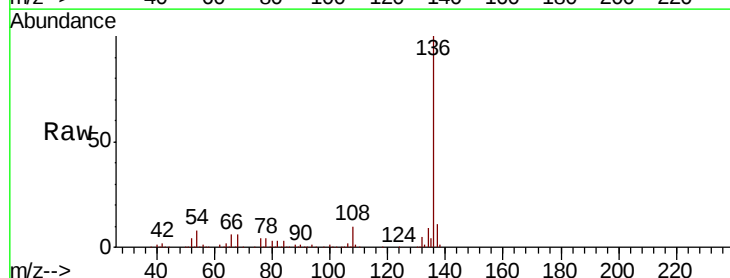
Delta R.T. -0.02 min

Lab File: BF116186.D

Acq: 12 Aug 2019 12:38

Tgt Ion: 136 Resp: 542857

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.6	5.8	8.6
68	6.5	5.2	7.8



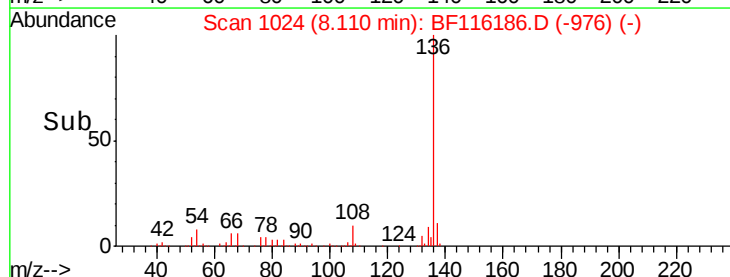
Abundance

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

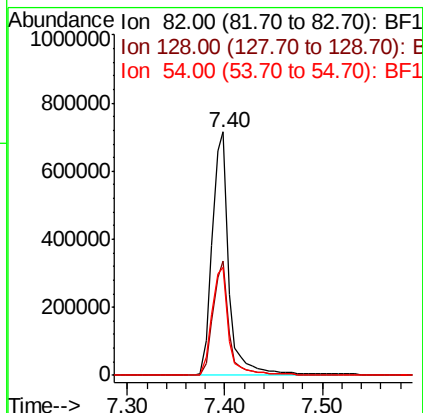
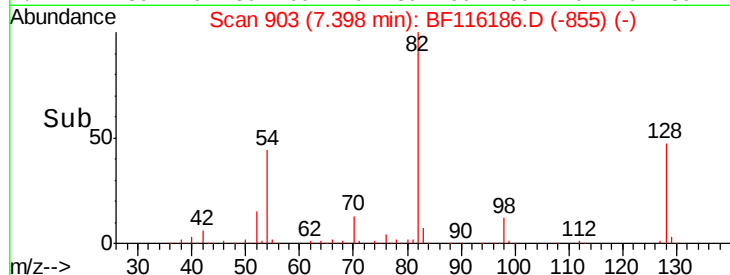
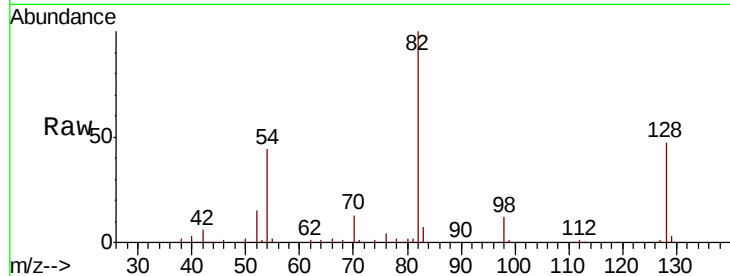




#23
 Nitrobenzene-d5
 Concen: 90.818 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116186.D
 Acq: 12 Aug 2019 12:38

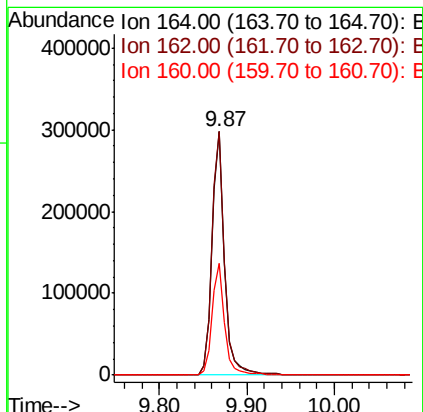
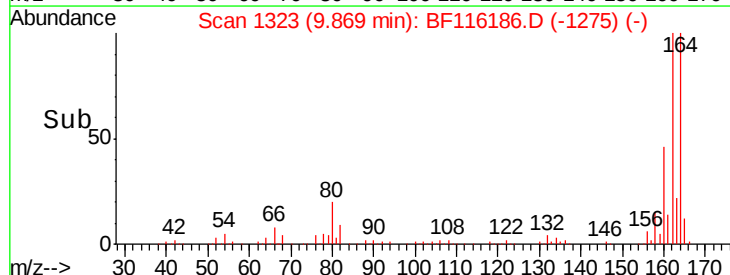
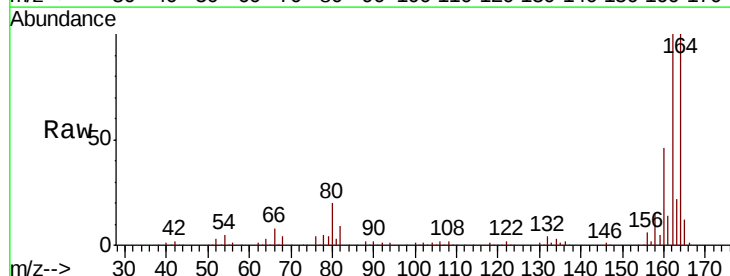
Instrument :
 BNA_F
 ClientSampleId :
 PB122104BL

Tot Ion: 82 Resp: 854097
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.5 54.7
 54 44.5 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116186.D
 Acq: 12 Aug 2019 12:38

Tgt Ion: 164 Resp: 297013
 Ion Ratio Lower Upper
 164 100
 162 100.1 82.6 124.0
 160 45.7 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 132.029 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116186.D

Acq: 12 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122104BL

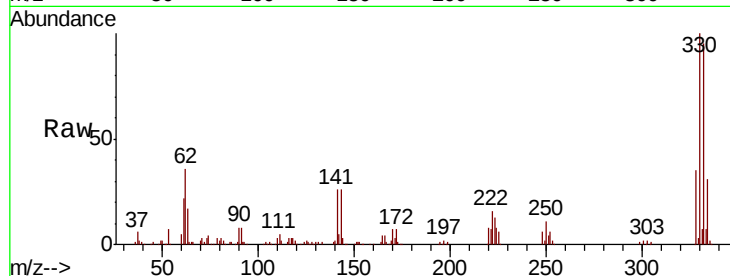
Tot Ion:330 Resp: 380195

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

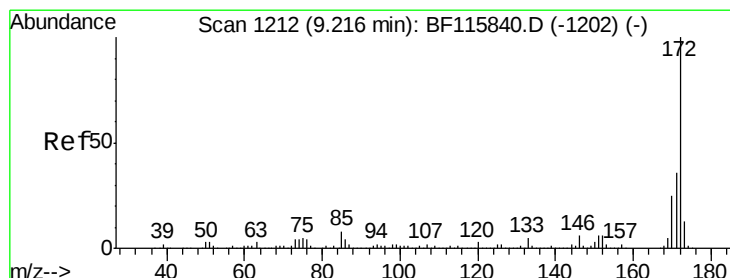
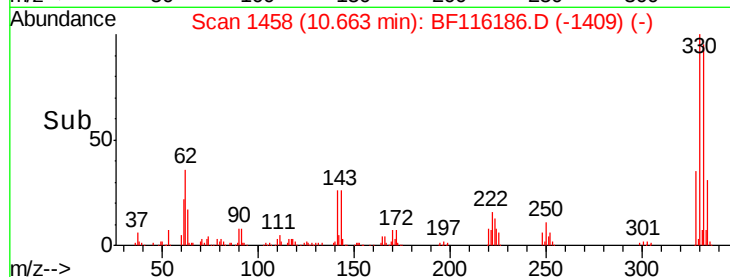
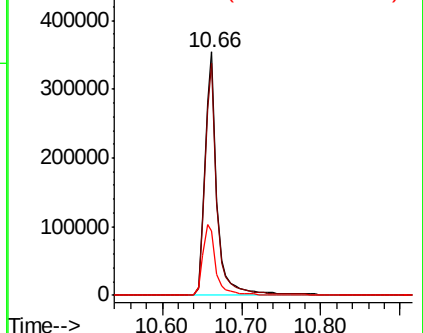
141 33.0 26.3 39.5



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: 96.602 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116186.D

Acq: 12 Aug 2019 12:38

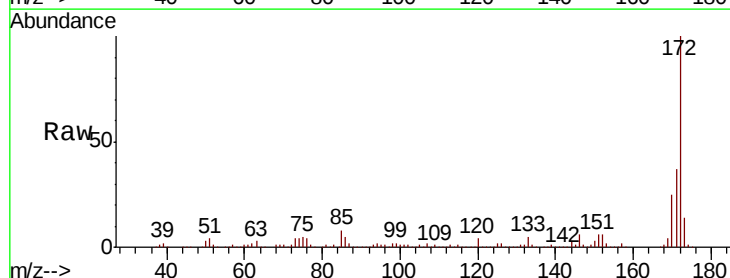
Tgt Ion:172 Resp: 1531813

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

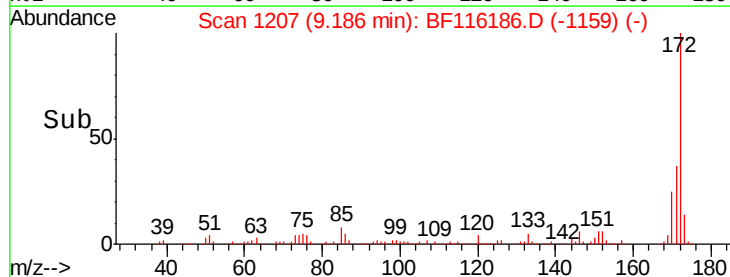
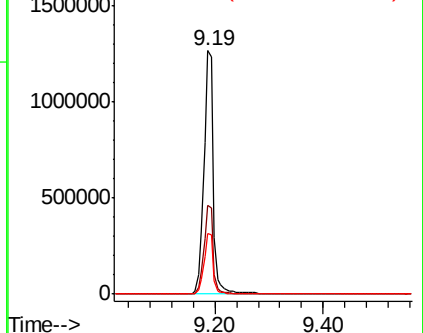
170 24.6 20.1 30.1

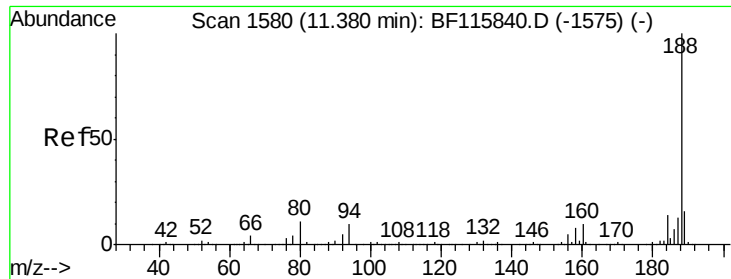


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

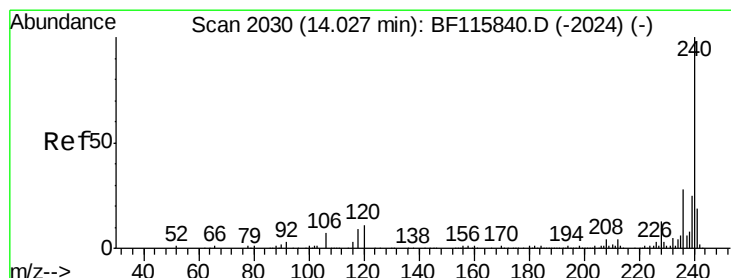
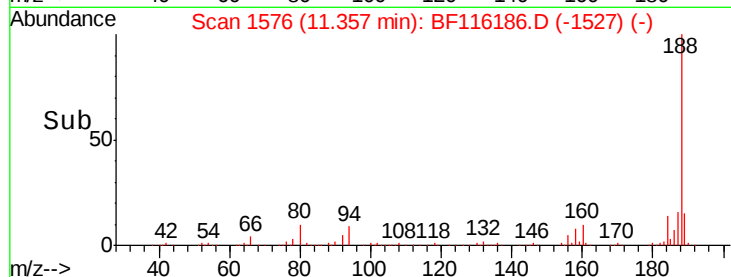
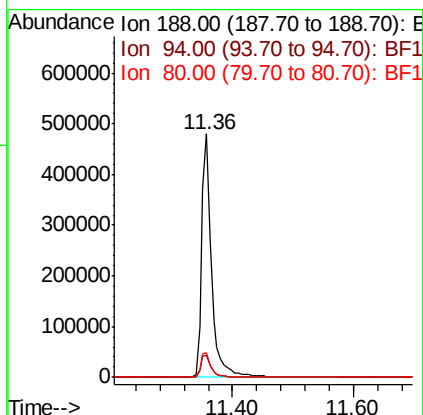
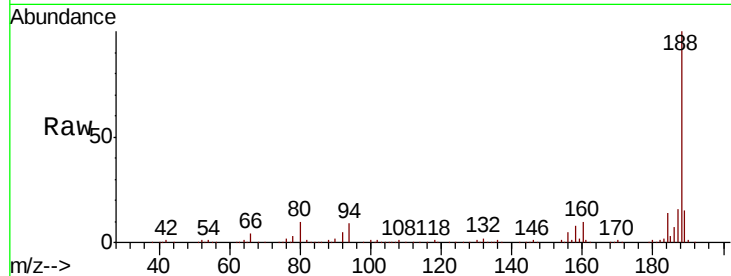




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116186.D
Acq: 12 Aug 2019 12:38

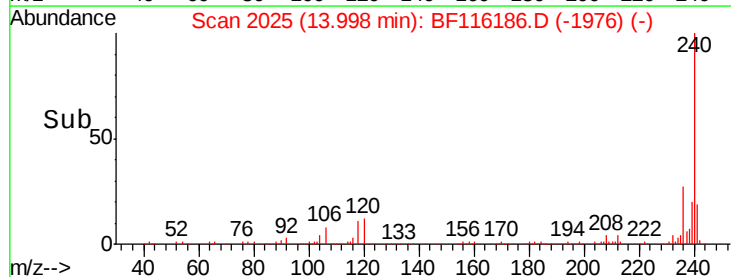
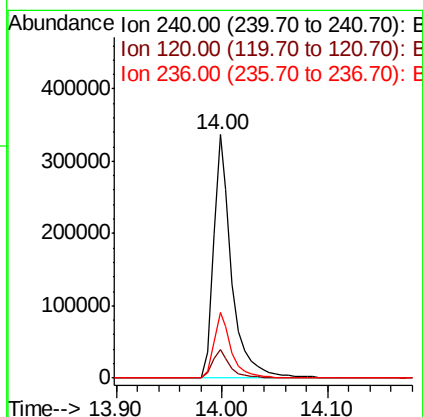
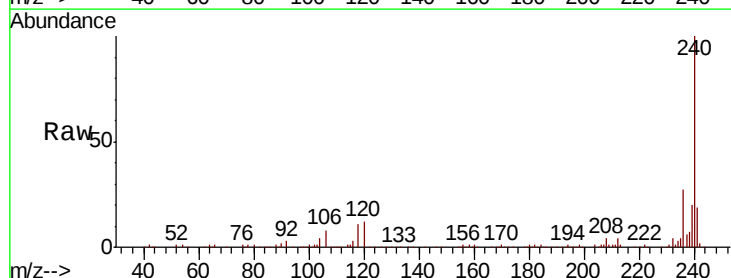
Instrument :
BNA_F
ClientSampleId :
PB122104BL

Tot Ion:188 Resp: 548296
Ion Ratio Lower Upper
188 100
94 9.2 8.1 12.1
80 10.1 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116186.D
Acq: 12 Aug 2019 12:38

Tgt Ion:240 Resp: 405270
Ion Ratio Lower Upper
240 100
120 11.7 10.7 16.1
236 27.2 22.2 33.2





#79

Terphenyl-d14

Concen: 91.201 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116186.D

Acq: 12 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122104BL

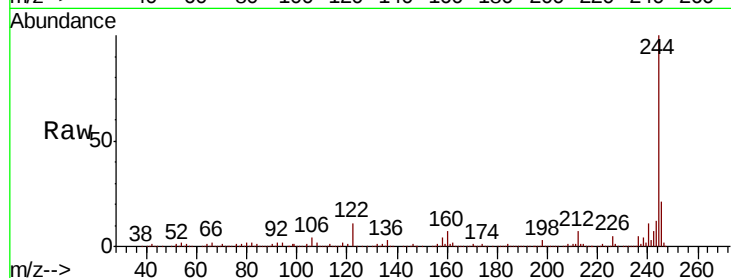
Tot Ion:244 Resp: 1754061

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

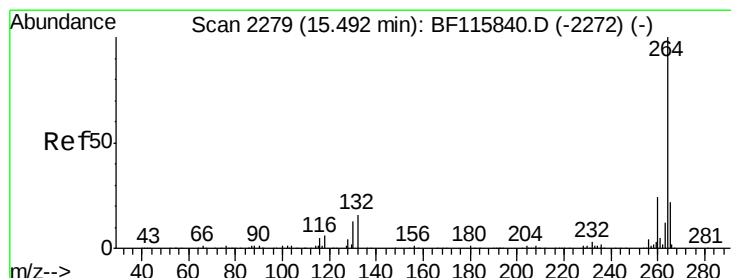
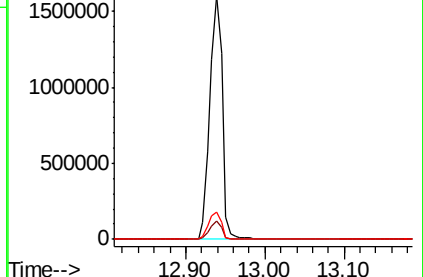
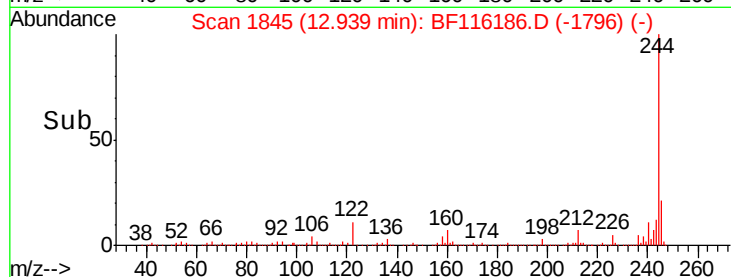
122 11.1 9.0 13.4



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF116186.D

Acq: 12 Aug 2019 12:38

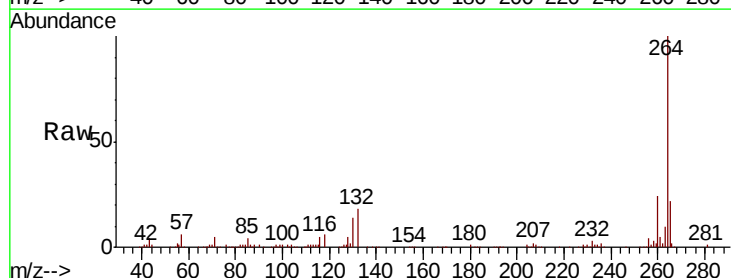
Tgt Ion:264 Resp: 361820

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

265 21.6 17.4 26.0



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

