

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116223.D
 Acq On : 13 Aug 2019 11:23
 Operator : HP/JU
 Sample : PB122176TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122176TB

Quant Time: Aug 13 23:39:37 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	148970	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	580409	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	310246	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	549853	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	396801	20.00	ng	0.00
87) Perylene-d12	15.47	264	367225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1066524	119.85	ng	0.00
7) Phenol-d6	6.48	99	1385650	123.42	ng	0.00
23) Nitrobenzene-d5	7.40	82	926598	92.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	384658	127.88	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1564679	94.47	ng	-0.01
79) Terphenyl-d14	12.94	244	1751398	93.01	ng	0.00

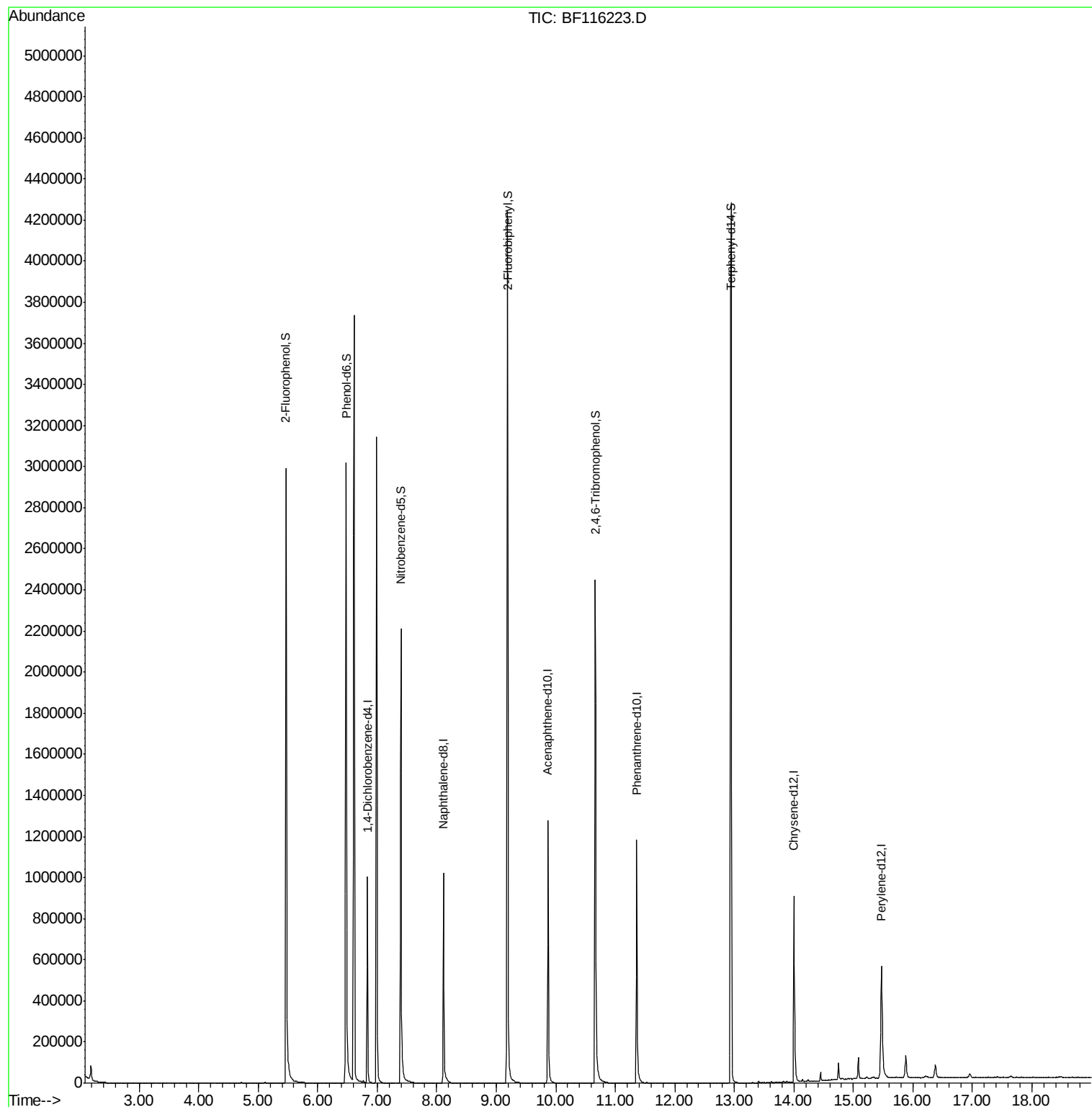
Target Compounds Qvalue

(#) = 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# 807

Delta R.T. -0.01 min

Lab File: BF116223.D

Acq: 13 Aug 2019 11:23

Instrument :

BNA_F

ClientSampleId :

PB122176TB

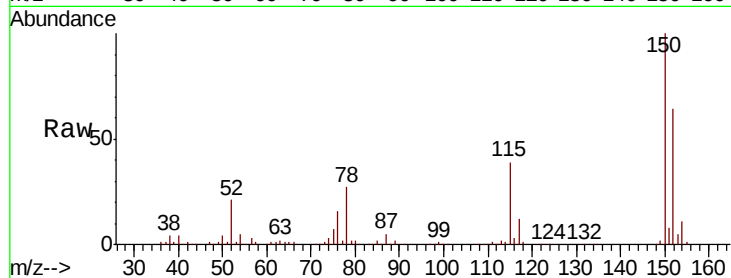
Tot Ion:152 Resp: 148970

Ion Ratio Lower Upper

152 100

150 155.2 126.2 189.2

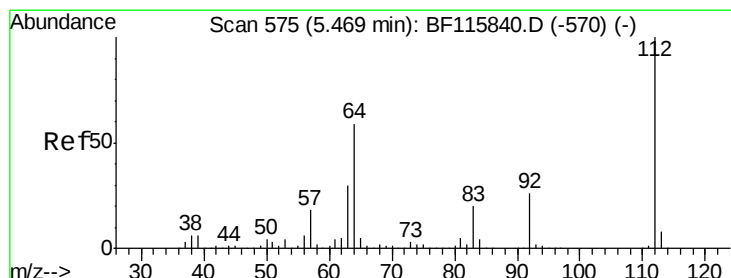
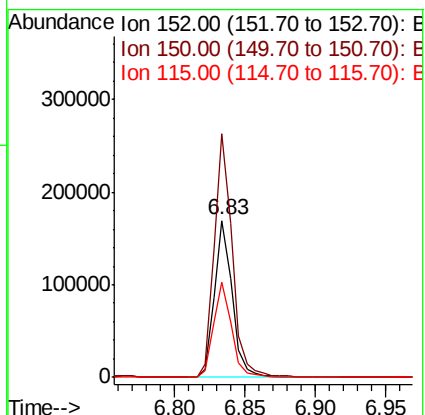
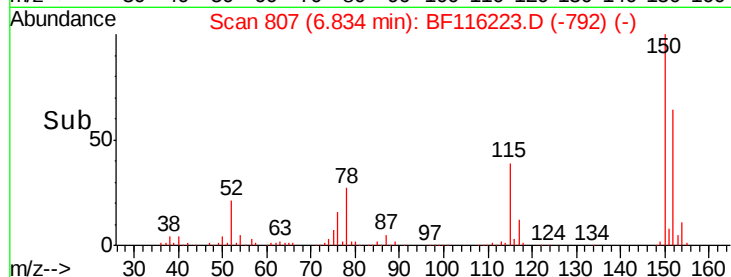
115 60.9 49.9 74.9



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: 119.851 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116223.D

Acq: 13 Aug 2019 11:23

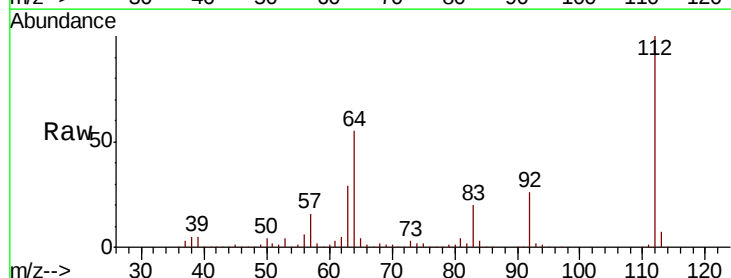
Tgt Ion:112 Resp: 1066524

Ion Ratio Lower Upper

112 100

64 55.4 45.4 68.2

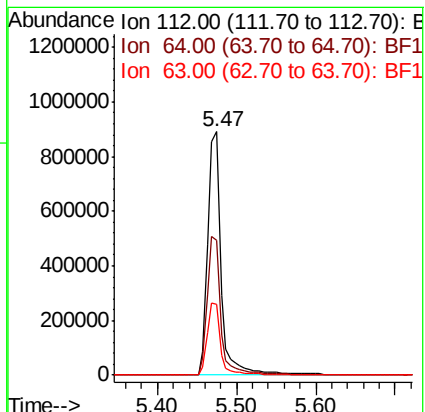
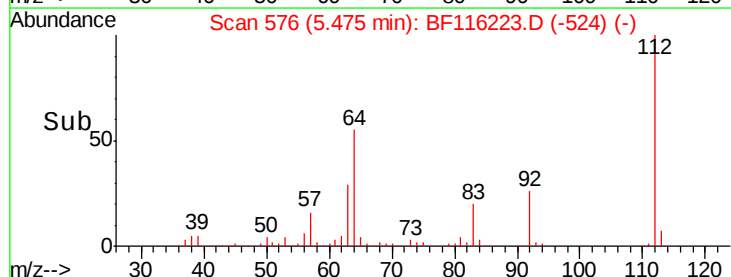
63 29.3 23.7 35.5



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: 123.418 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116223.D

Acq: 13 Aug 2019 11:23

Instrument :

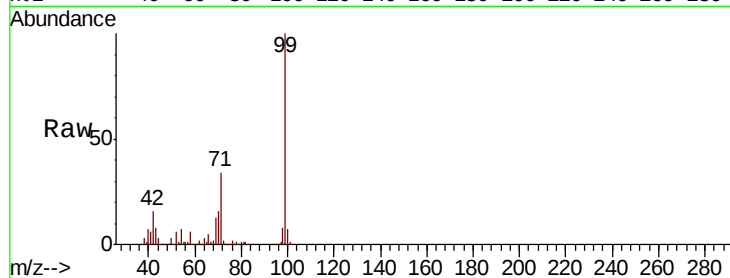
BNA_F

ClientSampleId :

PB122176TB

Tot Ion: 99 Resp: 1385650

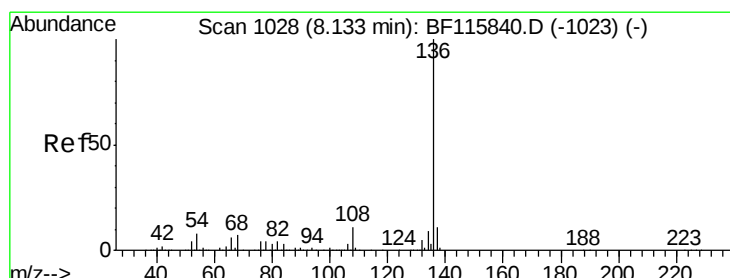
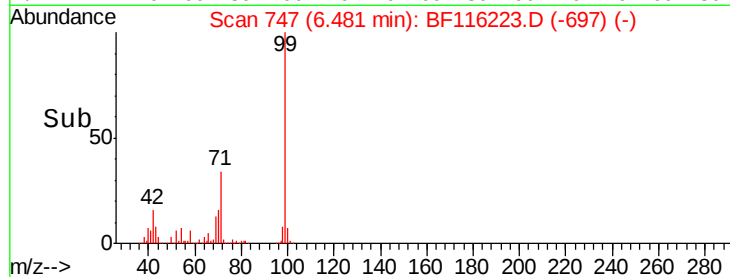
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.8
71	34.3	27.3	40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1

1500000 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

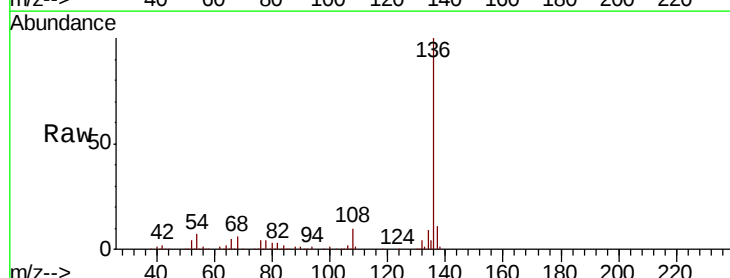
Delta R.T. -0.01 min

Lab File: BF116223.D

Acq: 13 Aug 2019 11:23

Tgt Ion: 136 Resp: 580409

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.8	5.8	8.6
68	6.2	5.2	7.8

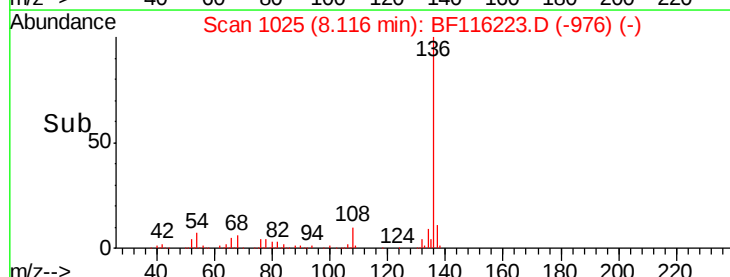


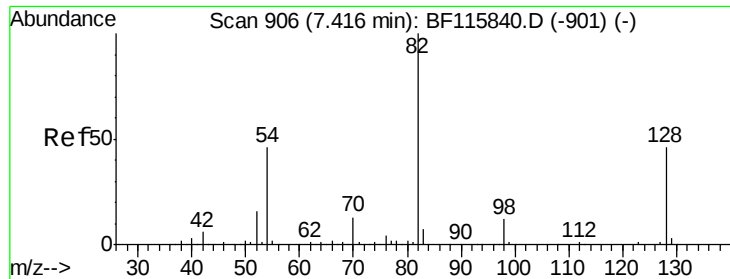
Abundance Ion 136.00 (135.70 to 136.70): E

800000 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

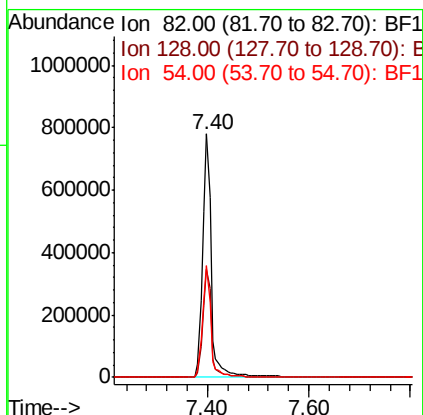
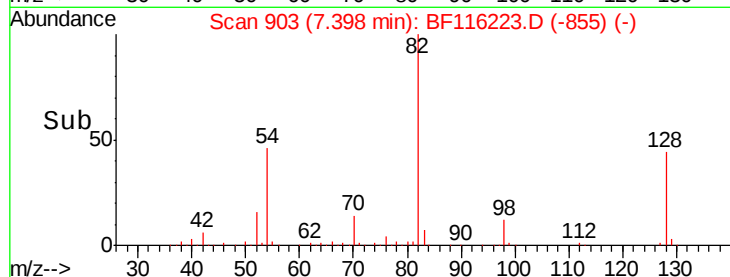
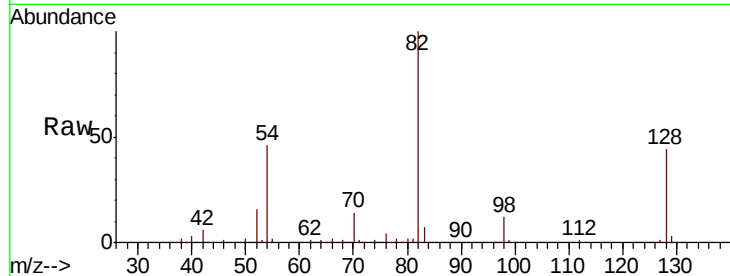




#23
Nitrobenzene-d5
Concen: 92.152 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116223.D
Acq: 13 Aug 2019 11:23

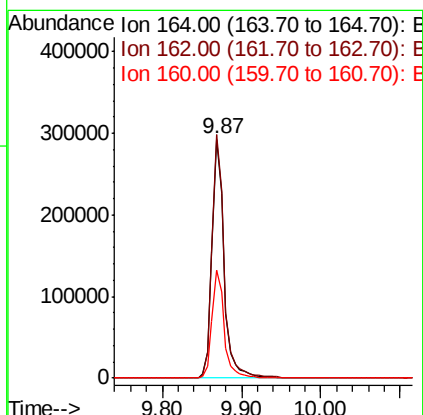
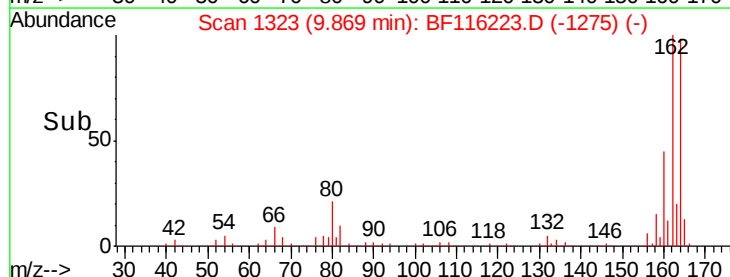
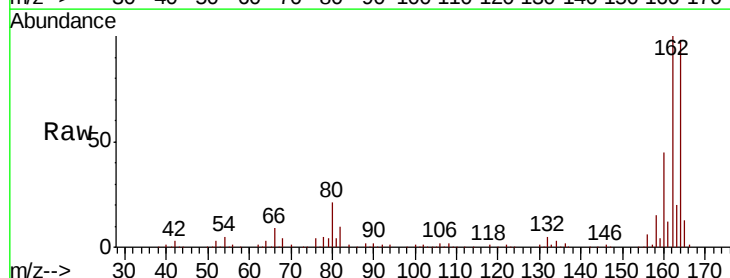
Instrument :
BNA_F
ClientSampleId :
PB122176TB

Tot Ion: 82 Resp: 926598
Ion Ratio Lower Upper
82 100
128 44.4 36.5 54.7
54 45.7 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: BF116223.D
Acq: 13 Aug 2019 11:23

Tgt Ion: 164 Resp: 310246
Ion Ratio Lower Upper
164 100
162 101.9 82.6 124.0
160 45.4 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 127.882 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116223.D

Acq: 13 Aug 2019 11:23

Instrument :

BNA_F

ClientSampleId :

PB122176TB

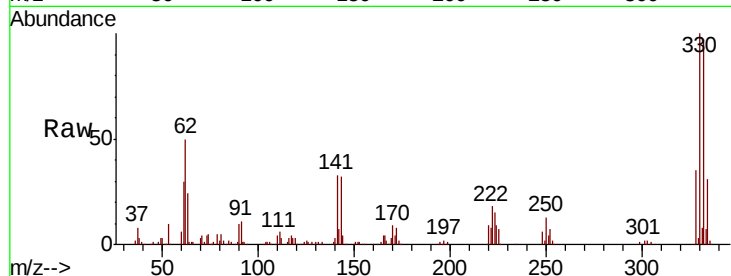
Tot Ion:330 Resp: 384658

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

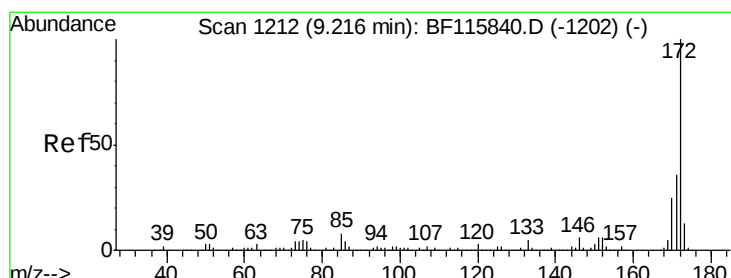
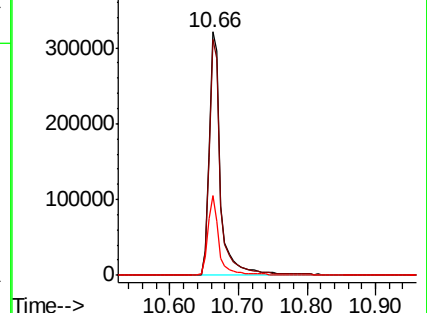
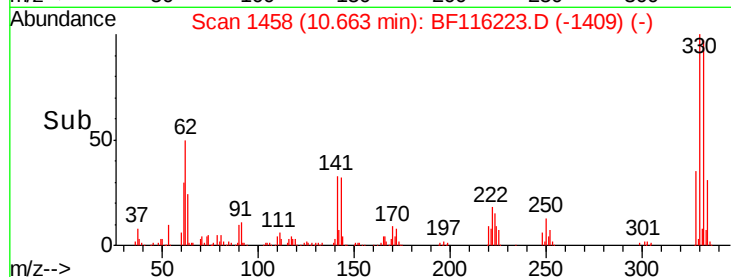
141 33.1 26.3 39.5



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: 94.466 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116223.D

Acq: 13 Aug 2019 11:23

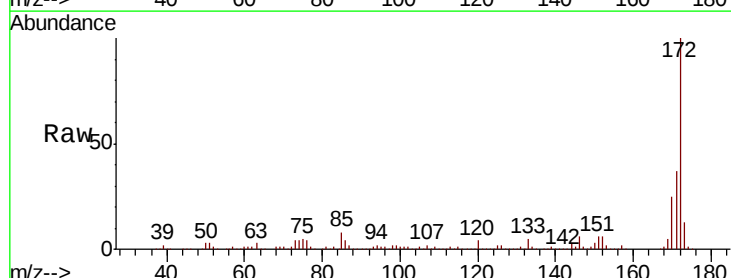
Tgt Ion:172 Resp: 1564679

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

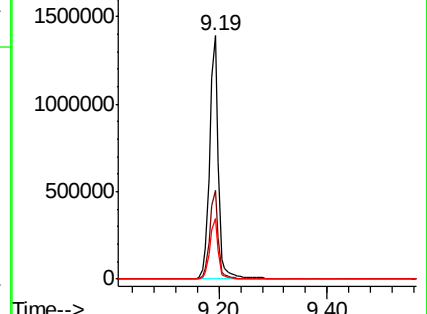
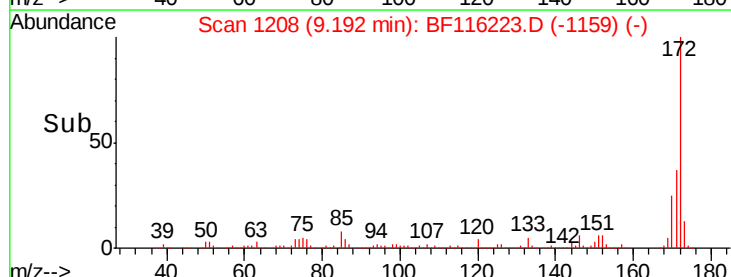
170 25.0 20.1 30.1

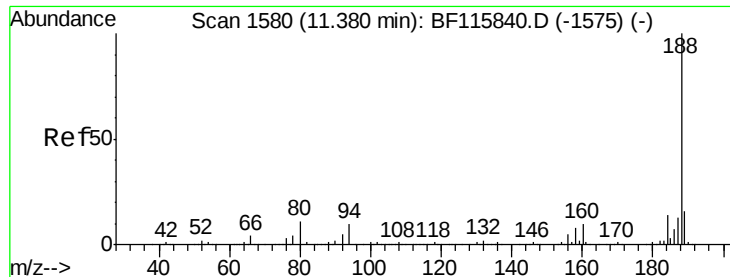


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF116223.D

Acq: 13 Aug 2019 11:23

Instrument :

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ClientSampleId :

PB122176TB

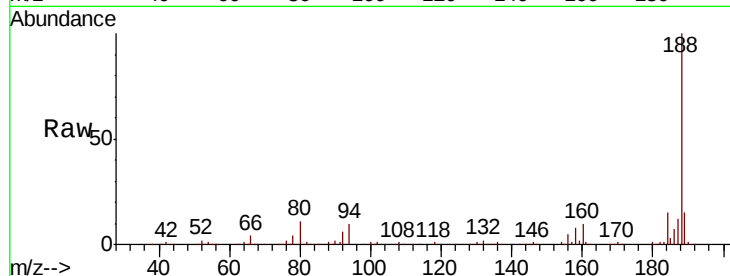
Tot Ion:188 Resp: 549853

Ion Ratio Lower Upper

188 100

94 10.2 8.1 12.1

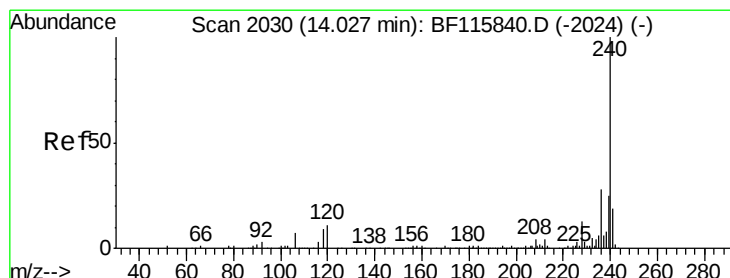
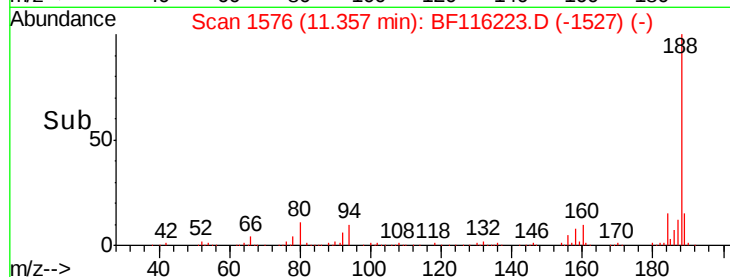
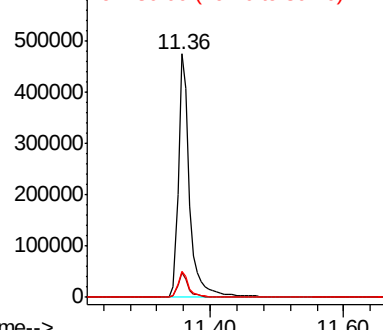
80 10.9 8.7 13.1



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116223.D

Acq: 13 Aug 2019 11:23

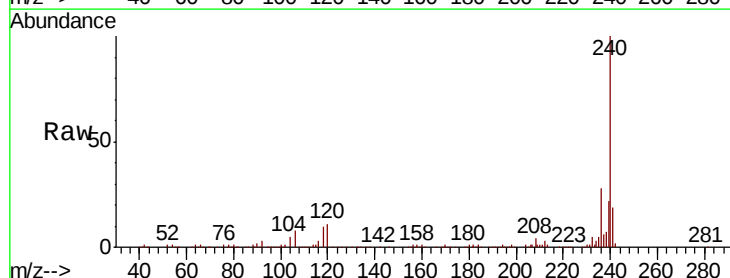
Tgt Ion:240 Resp: 396801

Ion Ratio Lower Upper

240 100

120 11.0 10.7 16.1

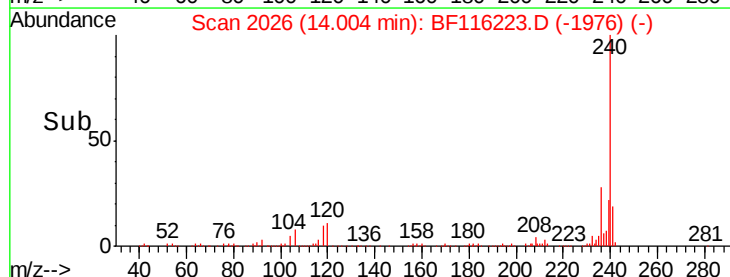
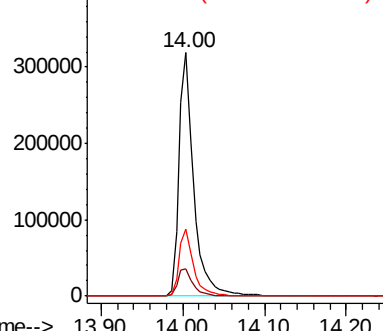
236 27.8 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.006 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116223.D

Acq: 13 Aug 2019 11:23

Instrument :

BNA_F

ClientSampleId :

PB122176TB

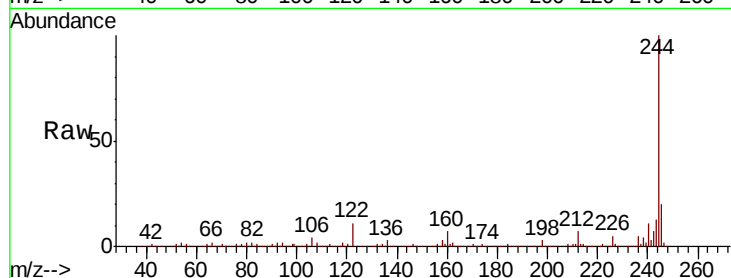
Tot Ion:244 Resp: 1751398

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

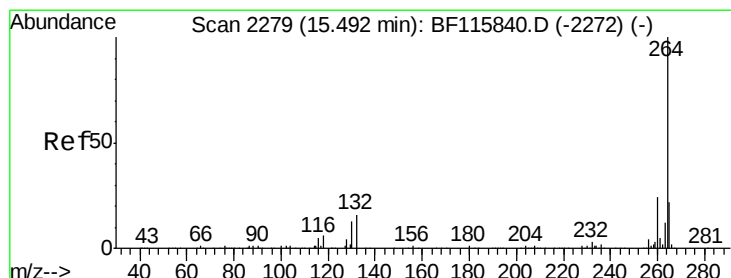
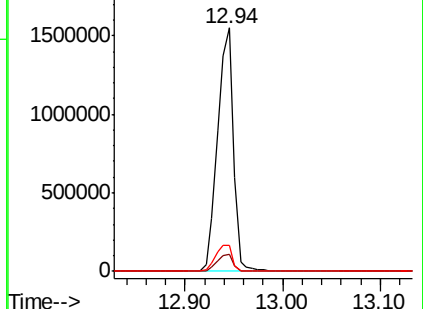
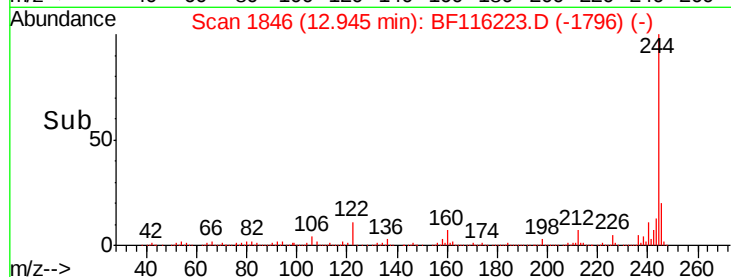
122 10.9 9.0 13.4



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: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF116223.D

Acq: 13 Aug 2019 11:23

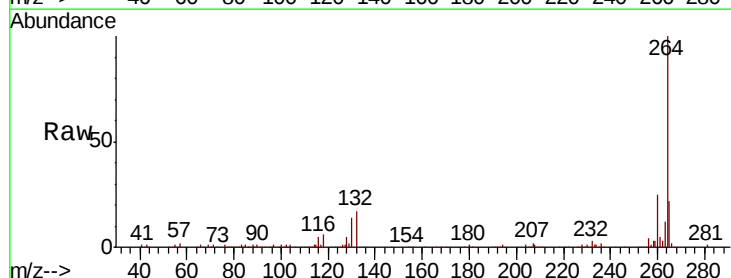
Tgt Ion:264 Resp: 367225

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 22.2 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

