

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116137.D
 Acq On : 10 Aug 2019 2:37
 Operator : HP/JU
 Sample : K3613-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WILDWOOD-AVE-PILE

Quant Time: Aug 10 06:59:00 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	6.84	152	124861	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	463193	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	227510	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	343608	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	265445	20.00	ng	-0.01
87) Perylene-d12	15.47	264	301065	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	811336	108.78	ng	0.01
7) Phenol-d6	6.48	99	917611	97.51	ng	0.00
23) Nitrobenzene-d5	7.40	82	786002	97.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	264075	119.72	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1362077	112.14	ng	-0.01
79) Terphenyl-d14	12.94	244	1193398	94.73	ng	-0.01

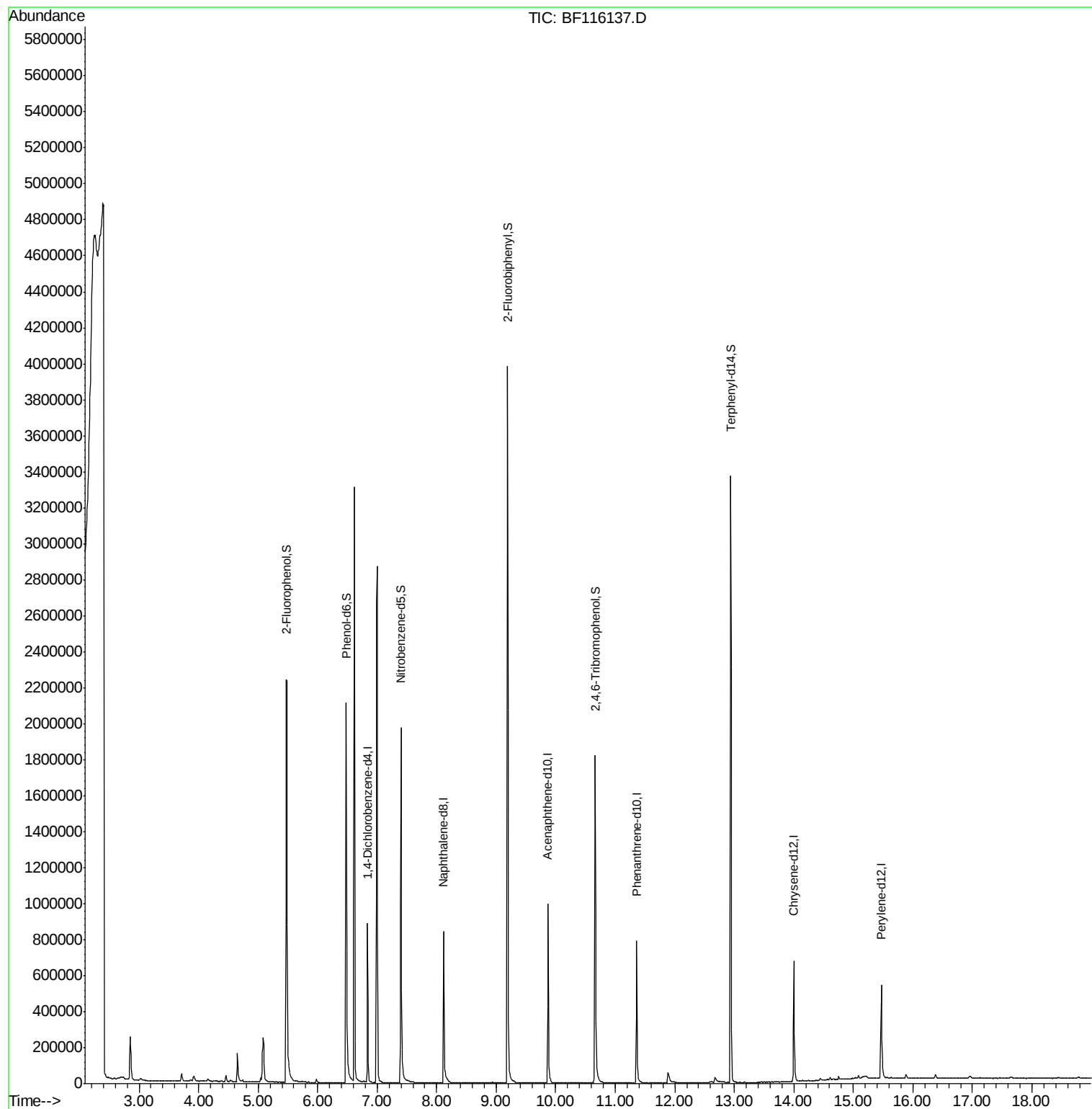
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116137.D

Acq: 10 Aug 2019 2:37

Instrument :

BNA_F

ClientSampleId :

WILDWOOD-AVE-PILE

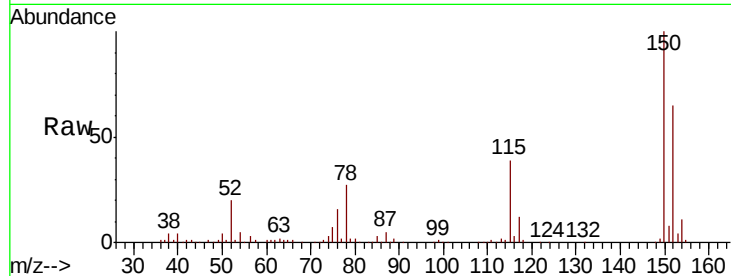
Tot Ion:152 Resp: 124861

Ion Ratio Lower Upper

152 100

150 153.5 126.2 189.2

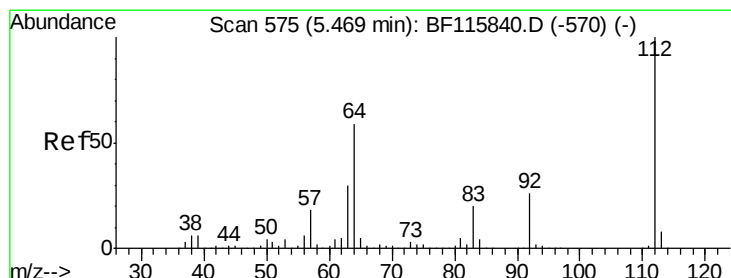
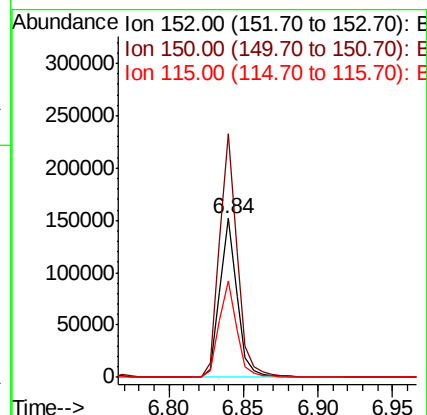
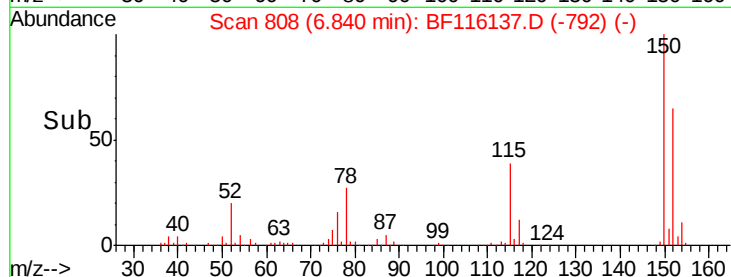
115 60.6 49.9 74.9



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: 108.779 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF116137.D

Acq: 10 Aug 2019 2:37

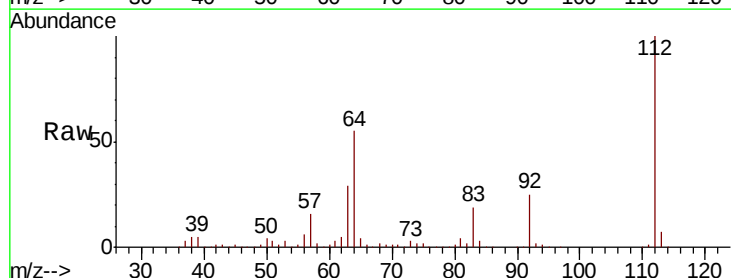
Tgt Ion:112 Resp: 811336

Ion Ratio Lower Upper

112 100

64 55.0 45.4 68.2

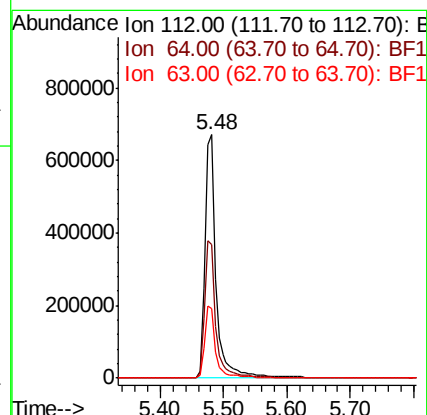
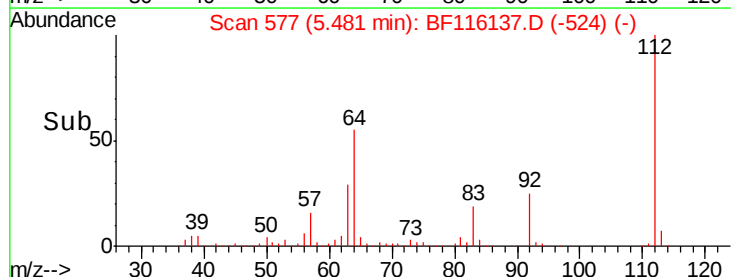
63 28.6 23.7 35.5



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: 97.511 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116137.D

Acq: 10 Aug 2019 2:37

Instrument :

BNA_F

ClientSampleId :

WILDWOOD-AVE-PILE

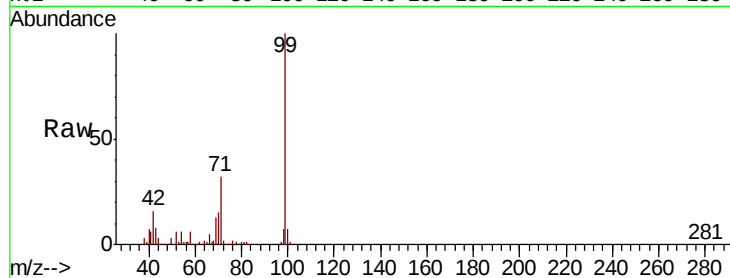
Tot Ion: 99 Resp: 917611

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.8

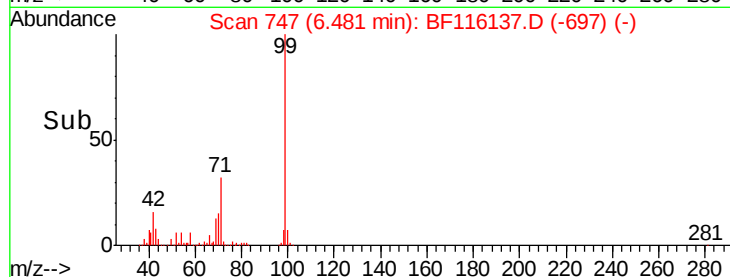
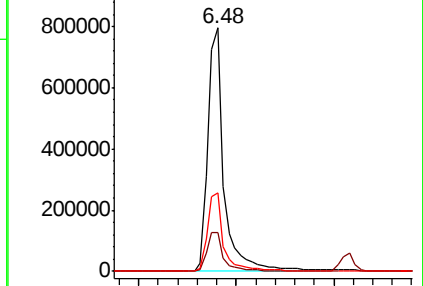
71 32.0 27.3 40.9



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116137.D

Acq: 10 Aug 2019 2:37

Tgt Ion: 136 Resp: 463193

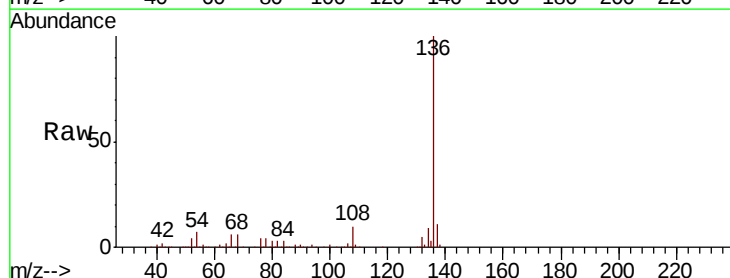
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.4 5.8 8.6

68 6.4 5.2 7.8

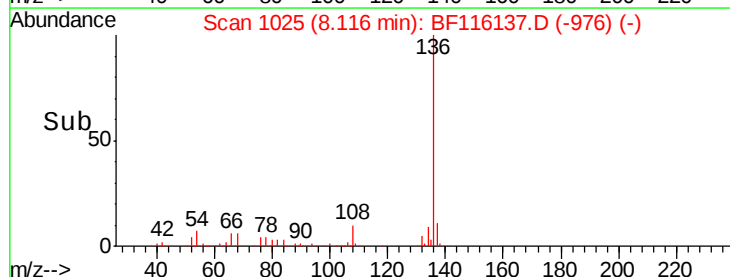
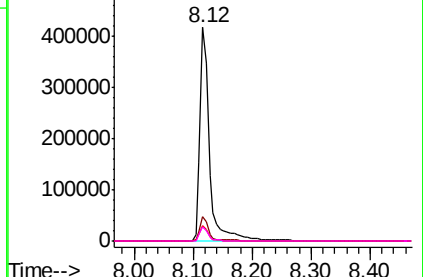


Abundance Ion 136.00 (135.70 to 136.70): E

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

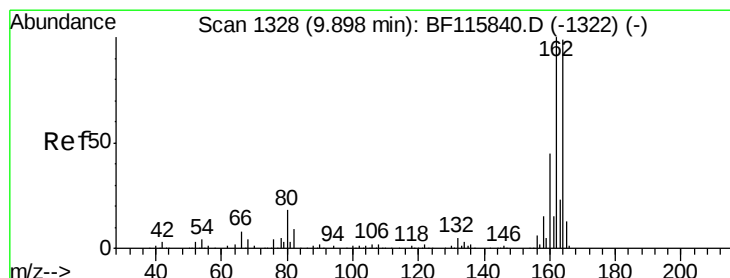
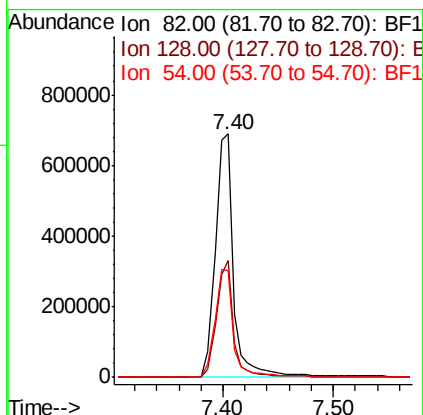
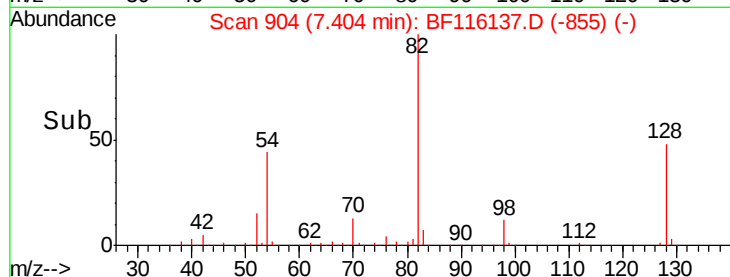
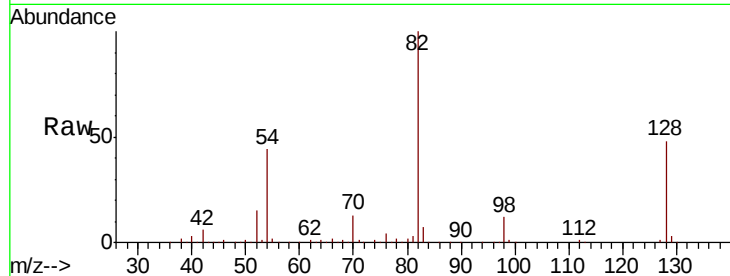




#23
Nitrobenzene-d5
Concen: 97.952 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116137.D
Acq: 10 Aug 2019 2:37

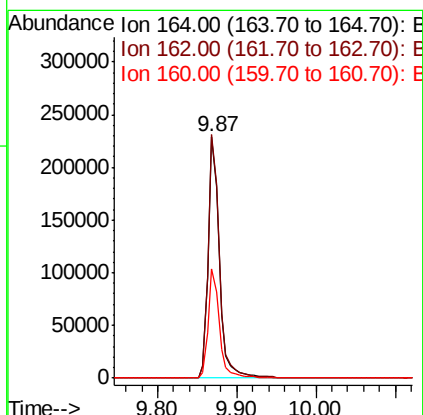
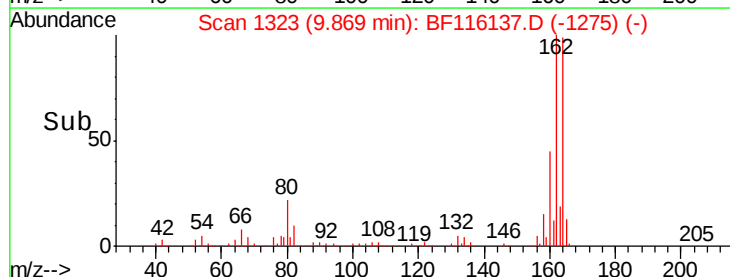
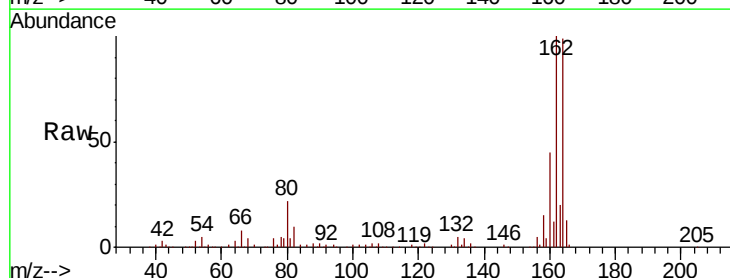
Instrument :
BNA_F
ClientSampleId :
WILDWOOD-AVE-PILE

Tot Ion: 82 Resp: 786002
Ion Ratio Lower Upper
82 100
128 48.1 36.5 54.7
54 43.8 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: BF116137.D
Acq: 10 Aug 2019 2:37

Tgt Ion: 164 Resp: 227510
Ion Ratio Lower Upper
164 100
162 101.0 82.6 124.0
160 45.1 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 119.720 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116137.D

Acq: 10 Aug 2019 2:37

Instrument :

BNA_F

ClientSampleId :

WILDWOOD-AVE-PILE

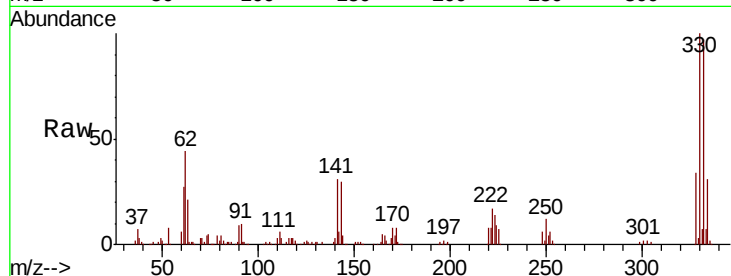
Tot Ion:330 Resp: 264075

Ion Ratio Lower Upper

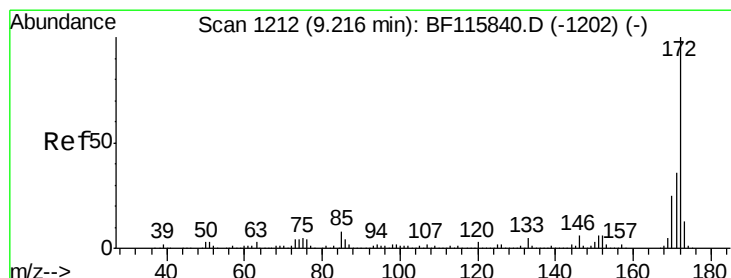
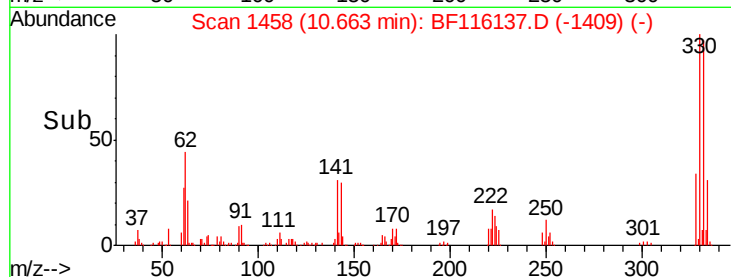
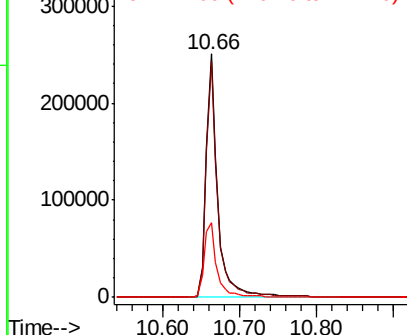
330 100

332 97.3 76.8 115.2

141 33.9 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: 112.139 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116137.D

Acq: 10 Aug 2019 2:37

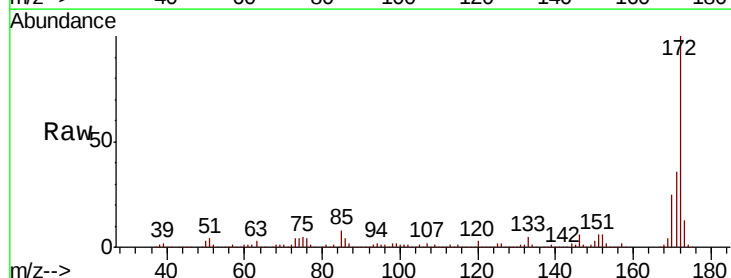
Tgt Ion:172 Resp: 1362077

Ion Ratio Lower Upper

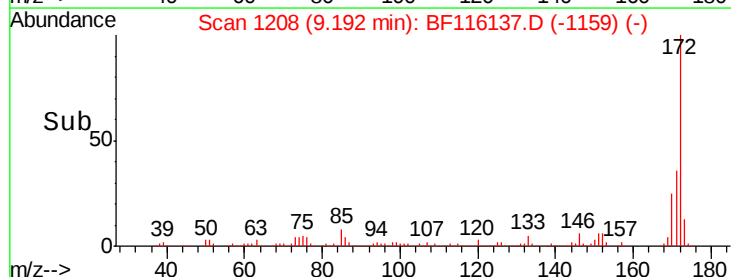
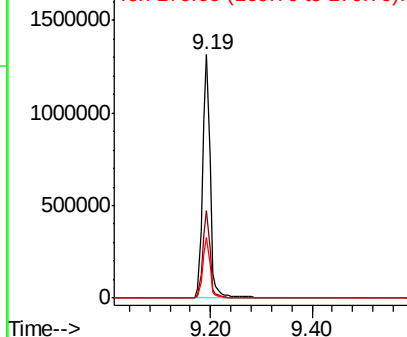
172 100

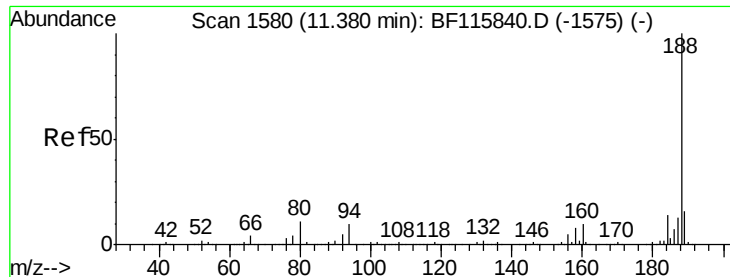
171 36.1 29.6 44.4

170 24.8 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

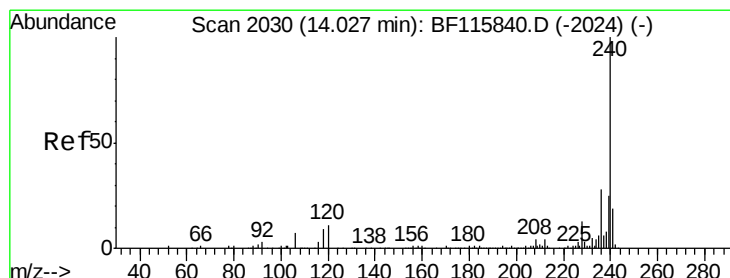
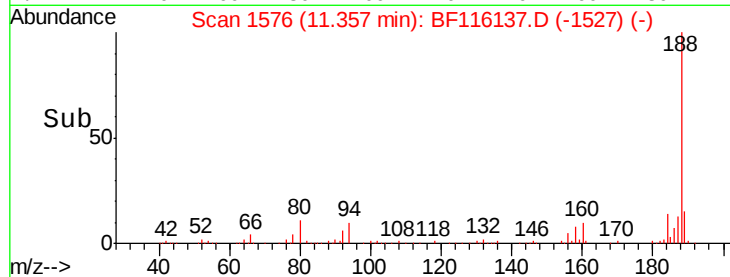
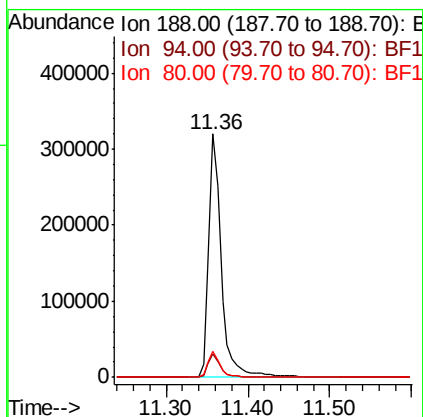
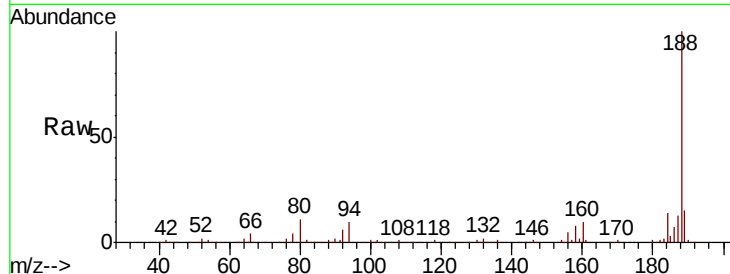




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116137.D
Acq: 10 Aug 2019 2:37

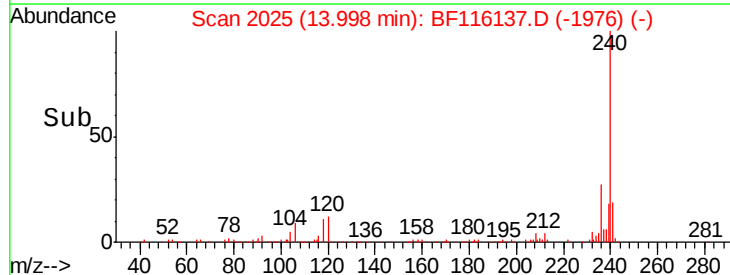
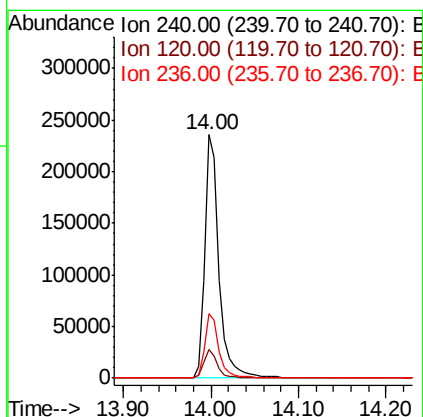
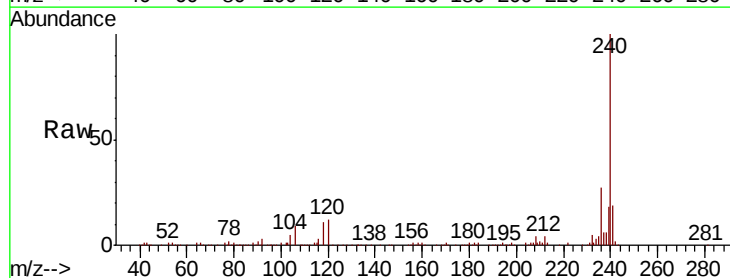
Instrument :
BNA_F
ClientSampleId :
WILDWOOD-AVE-PILE

Tot Ion:188 Resp: 343608
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 10.7 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: BF116137.D
Acq: 10 Aug 2019 2:37

Tgt Ion:240 Resp: 265445
Ion Ratio Lower Upper
240 100
120 11.9 10.7 16.1
236 26.6 22.2 33.2





#79

Terphenyl-d14

Concen: 94.735 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116137.D

Acq: 10 Aug 2019 2:37

Instrument :

BNA_F

ClientSampleId :

WILDWOOD-AVE-PILE

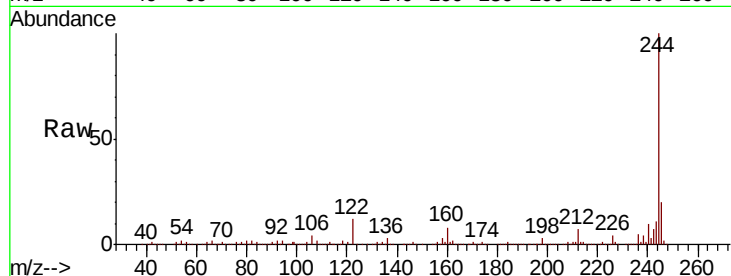
Tot Ion:244 Resp: 1193398

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

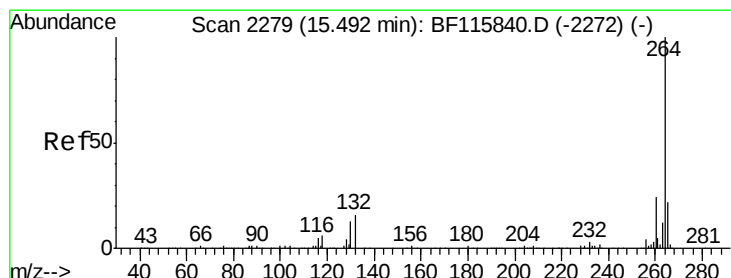
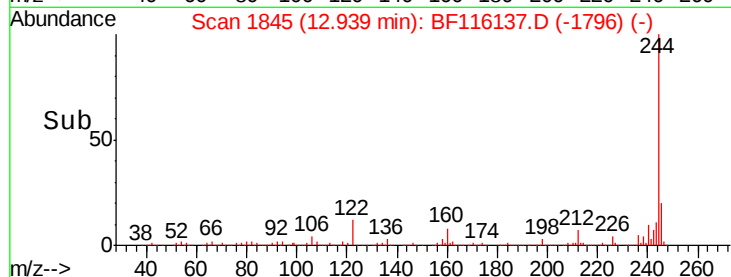
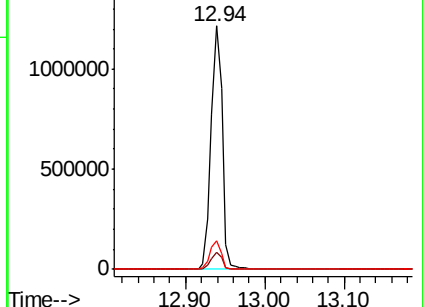
122 11.9 9.0 13.4



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# 2275

Delta R.T. -0.01 min

Lab File: BF116137.D

Acq: 10 Aug 2019 2:37

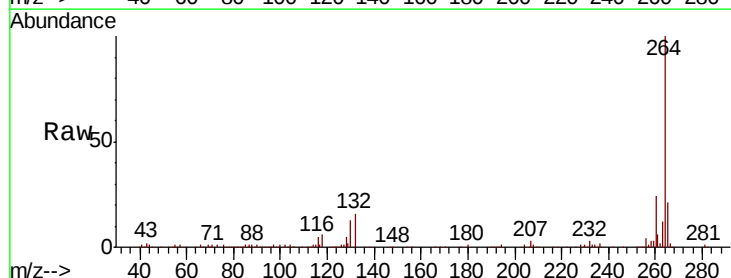
Tgt Ion:264 Resp: 301065

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 21.3 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

