

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111815.D
 Acq On : 2 Jan 2019 18:26
 Operator : JU/SJ
 Sample : J6587-05 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20181227

Quant Time: Jan 03 04:03:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	145683	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	567049	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	271165	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	456318	20.00	ng	0.01
76) Chrysene-d12	14.06	240	347295	20.00	ng	0.01
87) Perylene-d12	15.55	264	373067	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	11160	1.31	ng	0.01
7) Phenol-d6	6.53	99	14717	1.35	ng	0.01
23) Nitrobenzene-d5	7.45	82	9548	0.98	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	3390	1.06	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	19536	1.05	ng	0.00
79) Terphenyl-d14	13.00	244	18486	1.01	ng	0.00

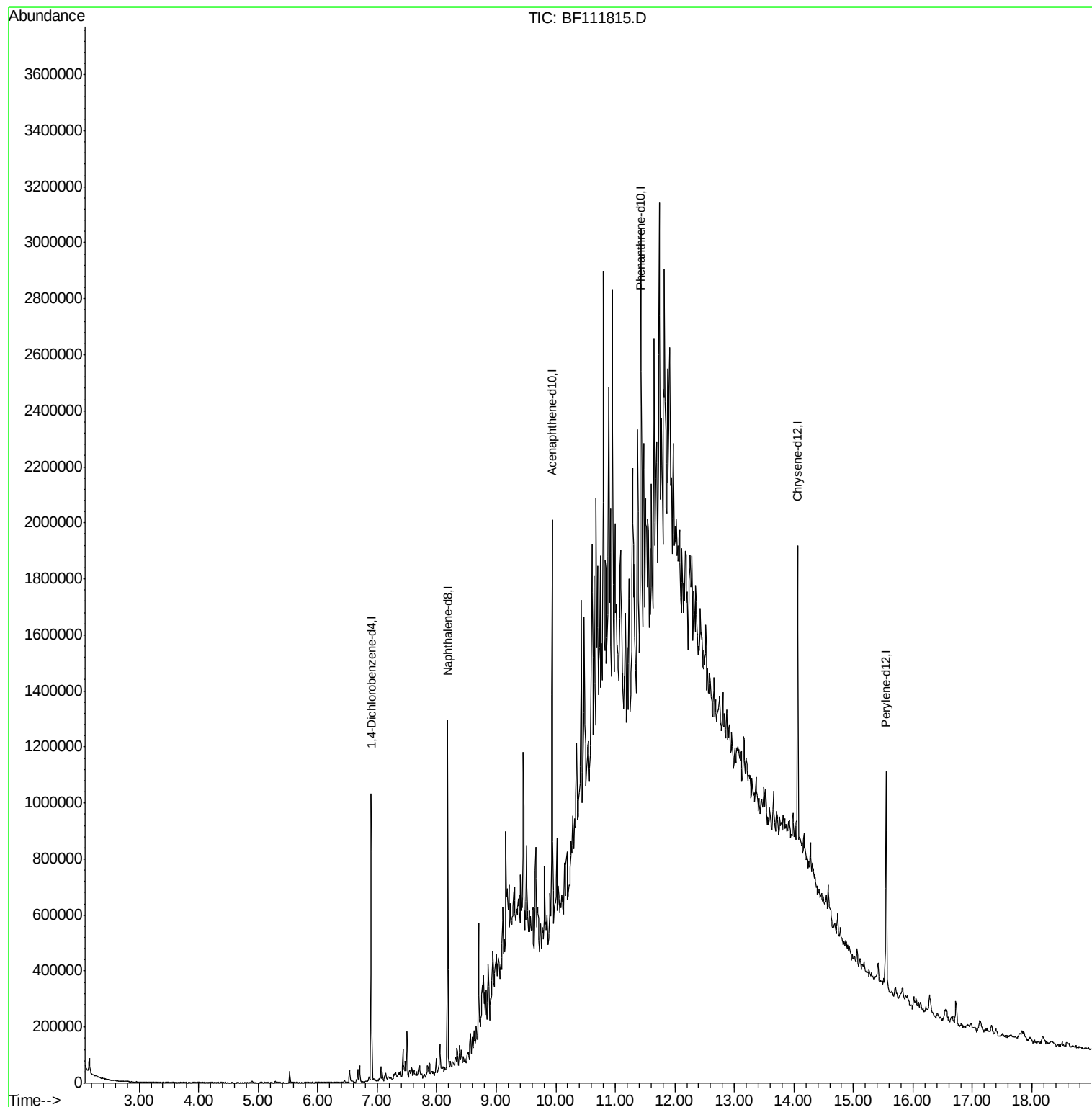
Target Compounds Qvalue

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

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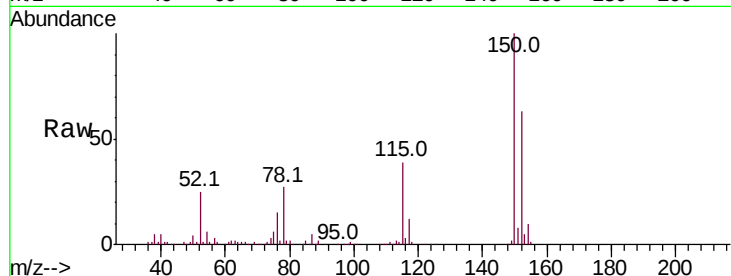


#1

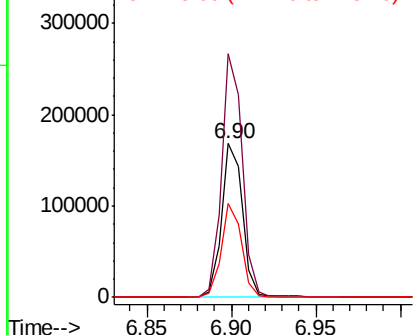
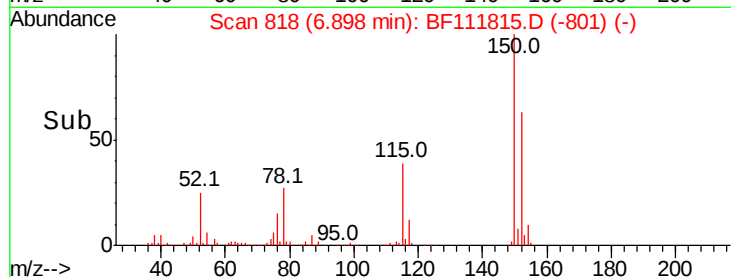
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111815.D
Acq: 2 Jan 2019 18:26

Instrument :
BNA_F
ClientSampleId :
WC-20181227

Tot Ion:152 Resp: 145683
Ion Ratio Lower Upper
152 100
150 158.3 126.6 189.8
115 61.3 50.7 76.1



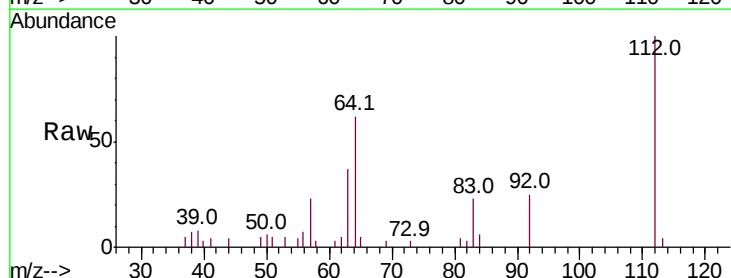
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



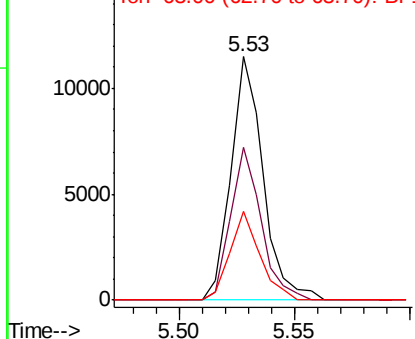
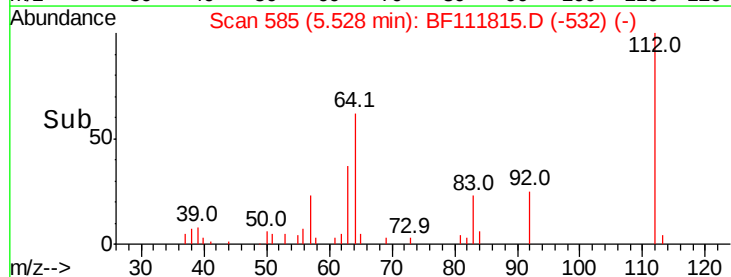
#5

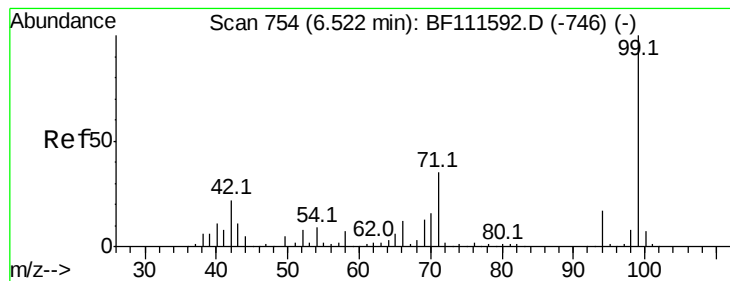
2-Fluorophenol
Concen: 1.306 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111815.D
Acq: 2 Jan 2019 18:26

Tgt Ion:112 Resp: 11160
Ion Ratio Lower Upper
112 100
64 62.5 51.8 77.6
63 36.6 26.8 40.2



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: 1.353 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111815.D

Acq: 2 Jan 2019 18:26

Instrument :

BNA_F

ClientSampleId :

WC-20181227

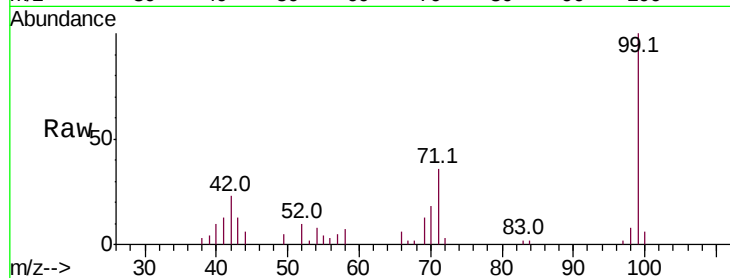
Tot Ion: 99 Resp: 14717

Ion Ratio Lower Upper

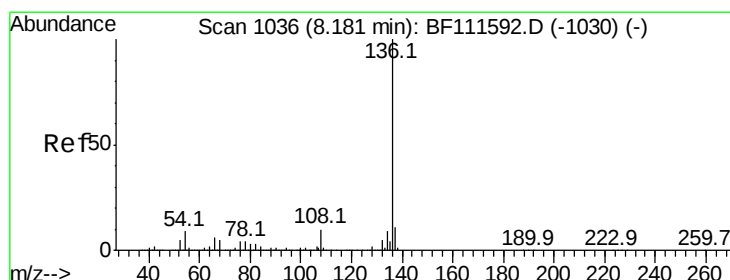
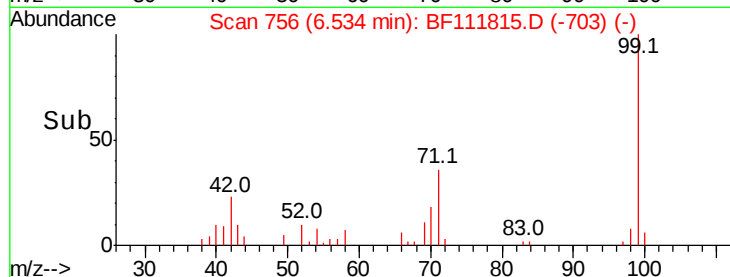
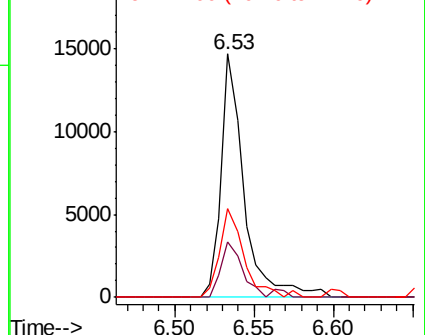
99 100

42 22.9 17.4 26.0

71 36.5 26.1 39.1



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: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111815.D

Acq: 2 Jan 2019 18:26

Tgt Ion: 136 Resp: 567049

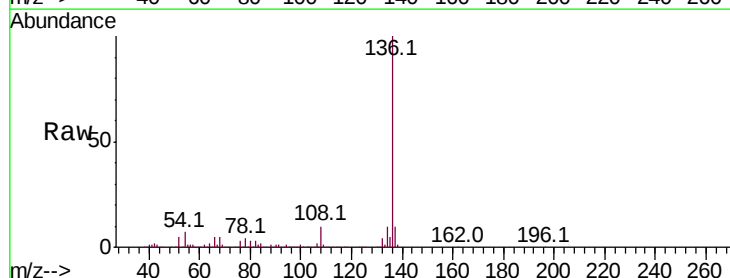
Ion Ratio Lower Upper

136 100

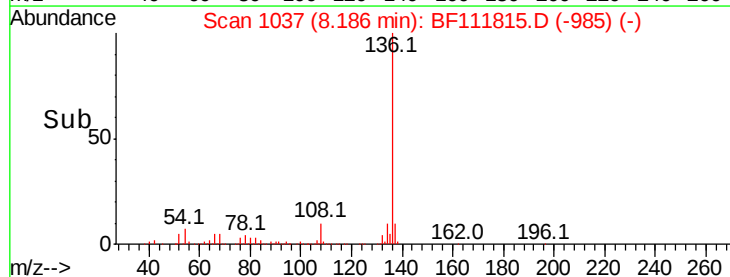
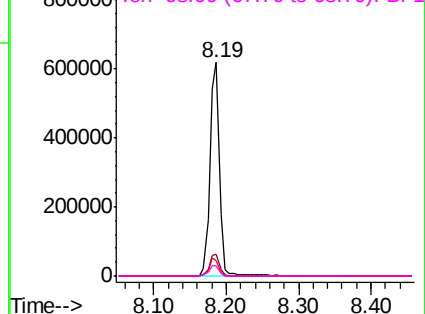
137 10.4 9.1 13.7

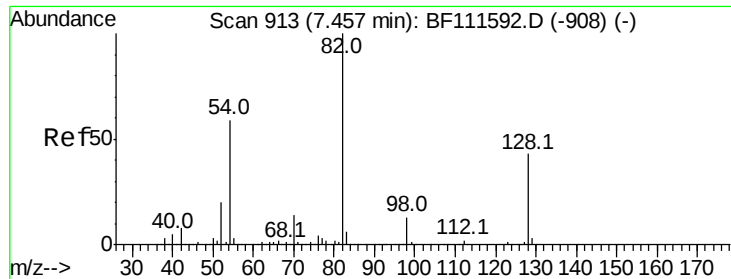
54 7.5 7.7 11.5#

68 4.7 4.9 7.3#



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

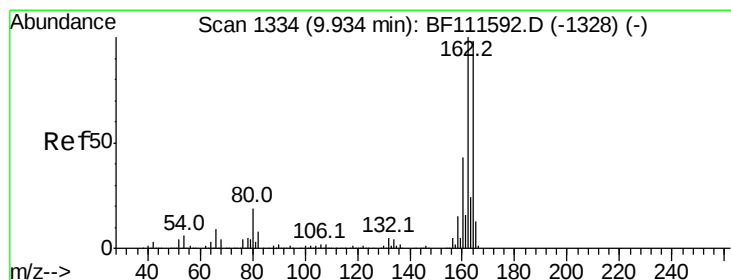
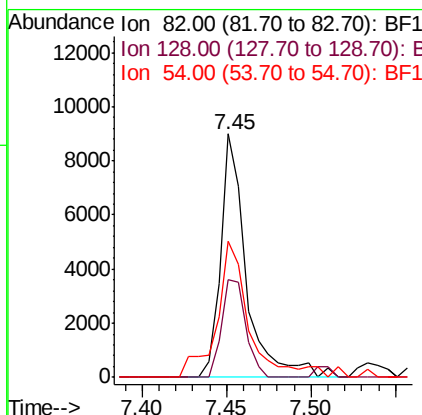
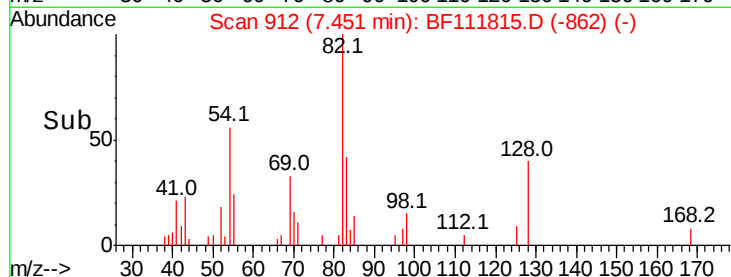
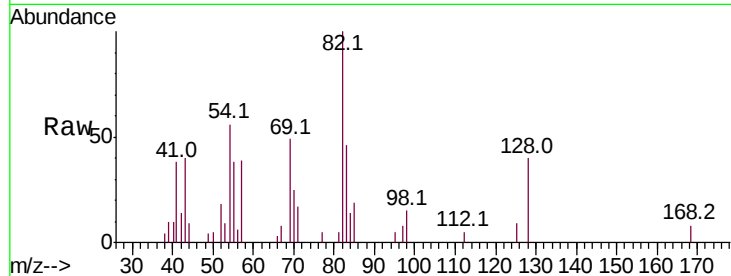




#23
 Nitrobenzene-d5
 Concen: 0.980 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111815.D
 Acq: 2 Jan 2019 18:26

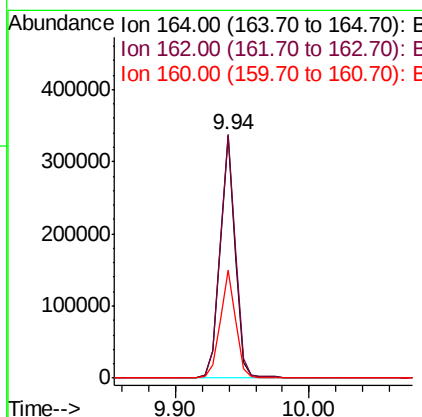
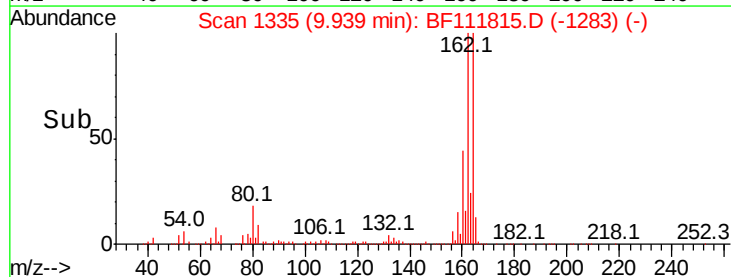
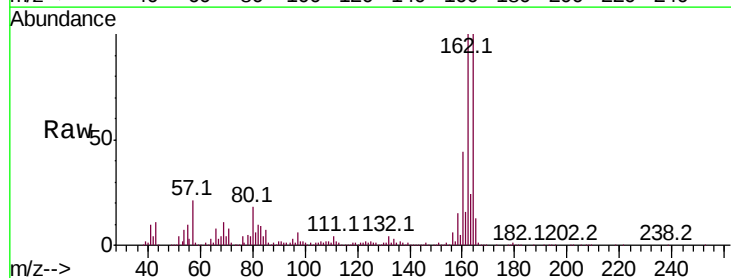
Instrument :
 BNA_F
 ClientSampleId :
 WC-20181227

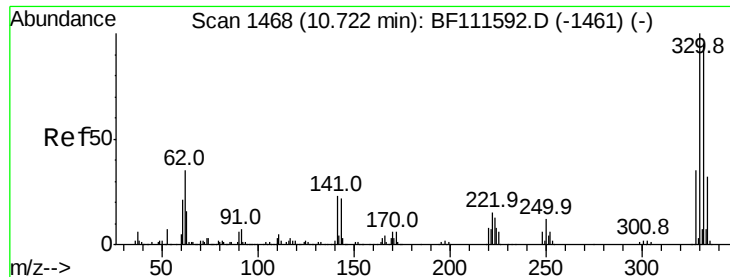
Tot Ion: 82 Resp: 9548
 Ion Ratio Lower Upper
 82 100
 128 39.9 37.4 56.2
 54 56.2 47.6 71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111815.D
 Acq: 2 Jan 2019 18:26

Tgt Ion: 164 Resp: 271165
 Ion Ratio Lower Upper
 164 100
 162 100.2 81.4 122.0
 160 44.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 1.058 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111815.D

Acq: 2 Jan 2019 18:26

Instrument :

BNA_F

ClientSampleId :

WC-20181227

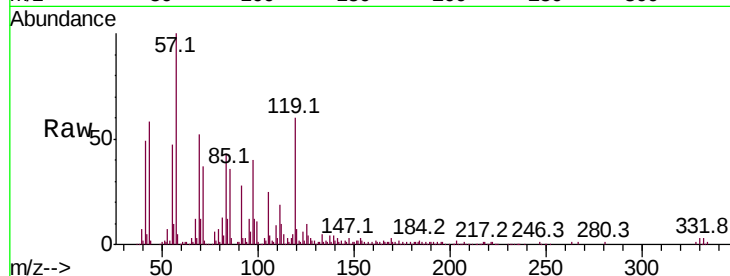
Tot Ion:330 Resp: 3390

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

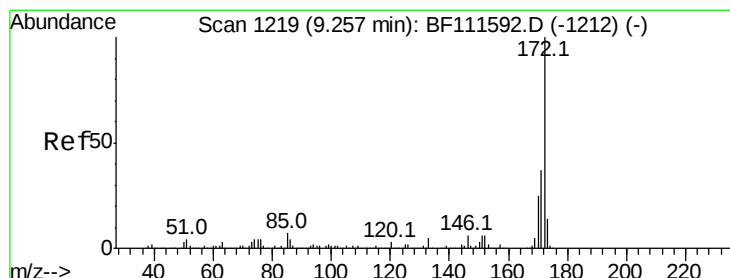
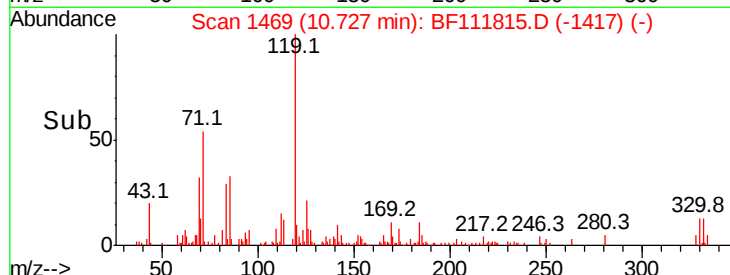
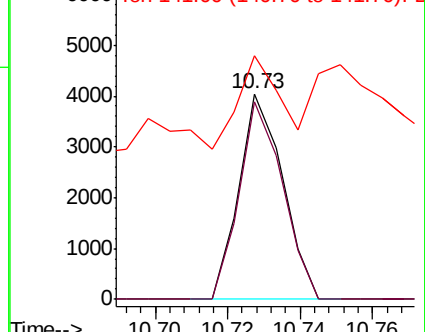
141 43.2 31.0 46.6



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: 1.050 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF111815.D

Acq: 2 Jan 2019 18:26

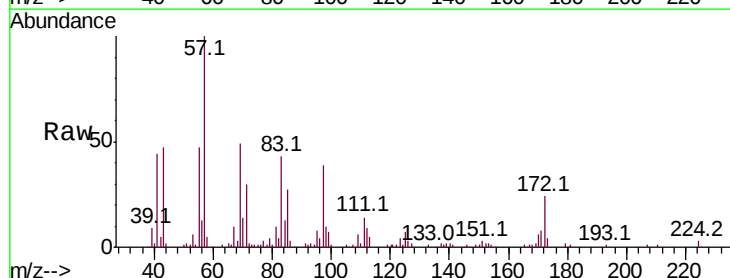
Tgt Ion:172 Resp: 19536

Ion Ratio Lower Upper

172 100

171 34.4 33.0 49.4

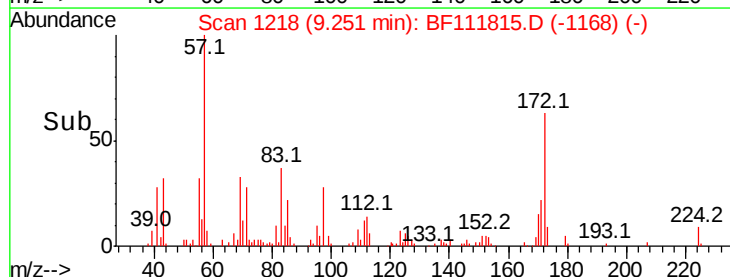
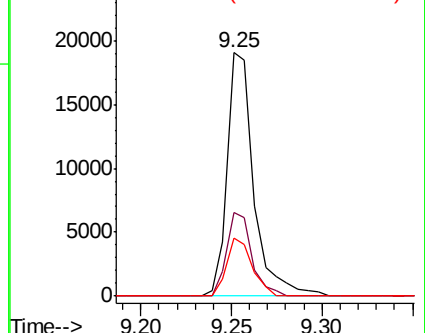
170 24.0 22.3 33.5

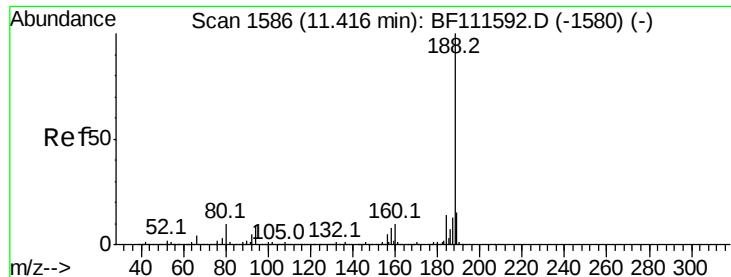


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

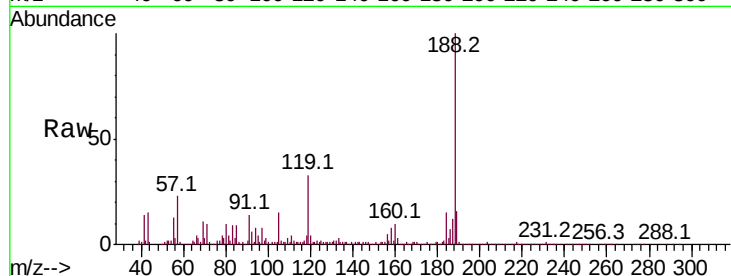




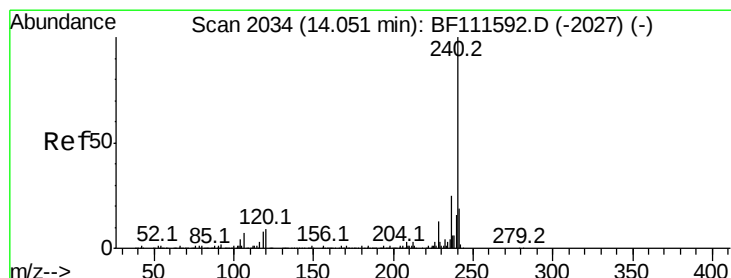
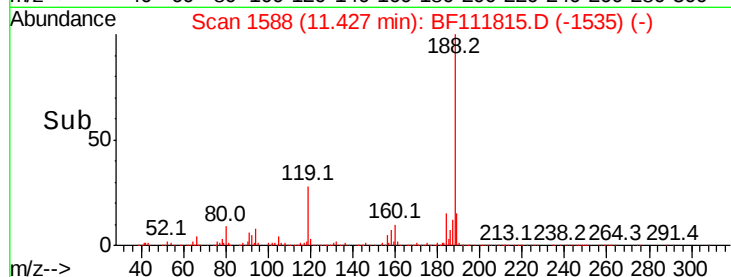
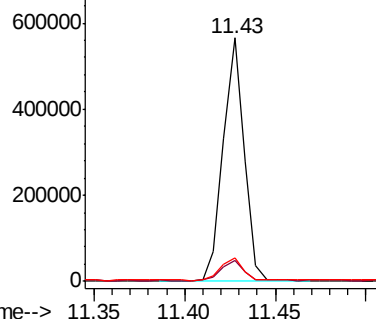
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111815.D
Acq: 2 Jan 2019 18:26

Instrument :
BNA_F
ClientSampleId :
WC-20181227

Tot Ion:188 Resp: 456318
Ion Ratio Lower Upper
188 100
94 8.4 9.6 14.4#
80 9.8 9.8 14.6

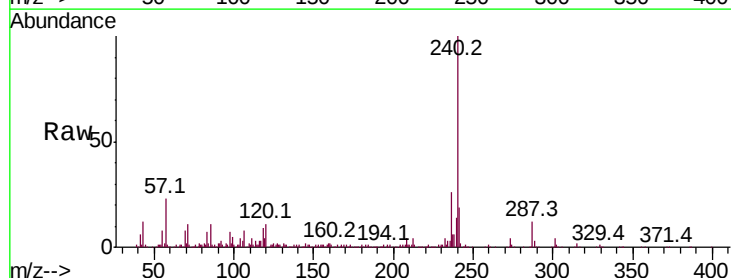


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

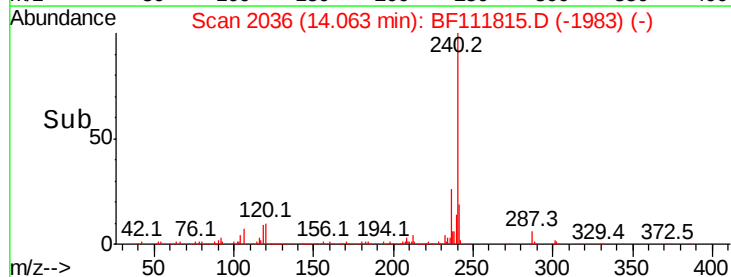
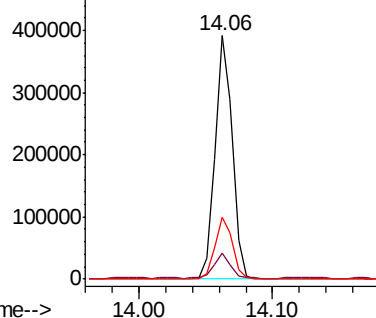


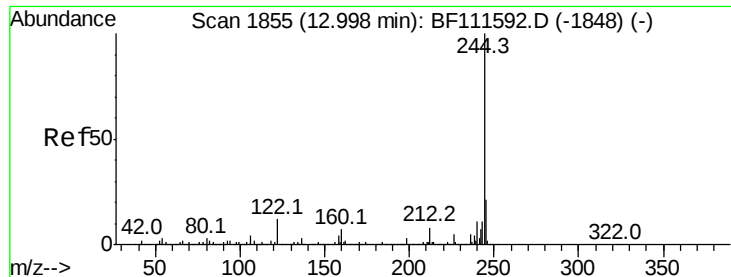
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111815.D
Acq: 2 Jan 2019 18:26

Tgt Ion:240 Resp: 347295
Ion Ratio Lower Upper
240 100
120 10.6 12.2 18.2#
236 25.6 20.2 30.2



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: 1.009 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111815.D

Acq: 2 Jan 2019 18:26

Instrument :

BNA_F

ClientSampleId :

WC-20181227

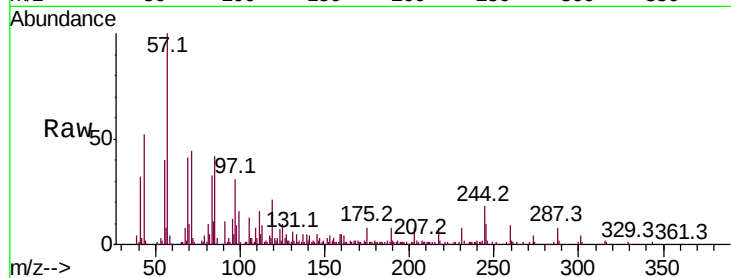
Tot Ion:244 Resp: 18486

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

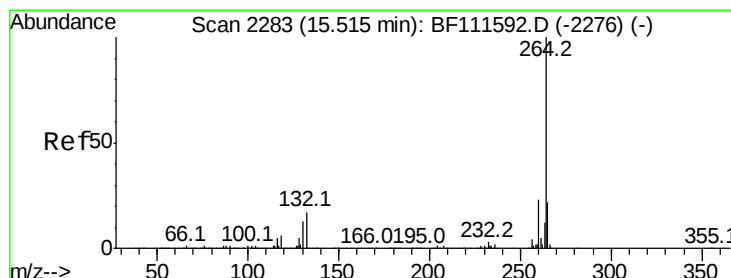
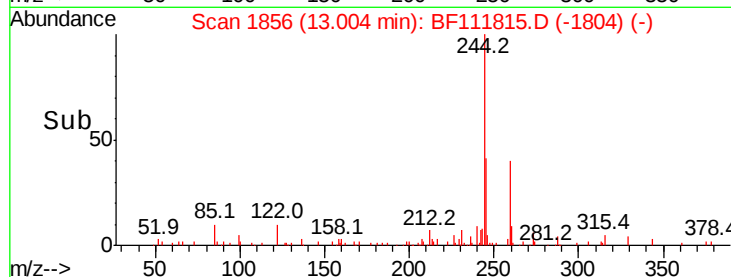
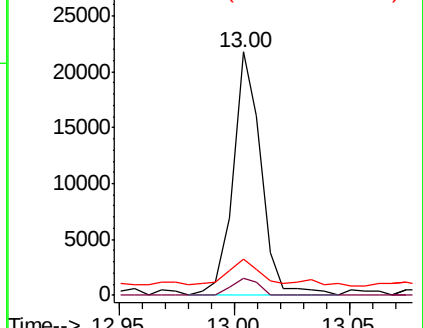
122 14.8 13.1 19.7



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: 15.55 min Scan# 2289

Delta R.T. 0.04 min

Lab File: BF111815.D

Acq: 2 Jan 2019 18:26

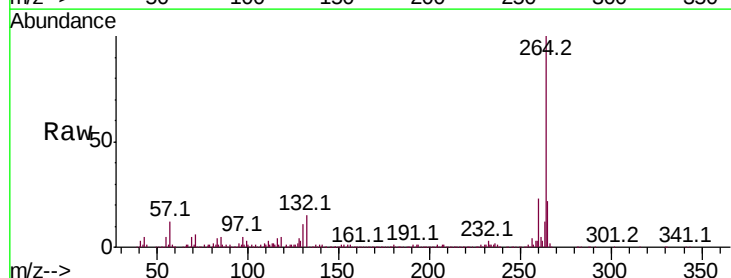
Tgt Ion:264 Resp: 373067

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.7 17.7 26.5



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

