

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102722.D
 Acq On : 3 Feb 2018 17:36
 Operator : SJ/JU
 Sample : J1431-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 132-1-PH-3

Quant Time: Feb 05 03:46:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	181394	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	676967	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	167952	20.00	ng	0.02
63) Phenanthrene-d10	11.47	188	82361	20.00	ng	0.07
75) Chrysene-d12	14.07	240	252581	20.00	ng	0.04
86) Perylene-d12	15.53	264	339065	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1031615	86.37	ng	0.00
7) Phenol-d6	6.50	99	1208028	84.00	ng	0.00
23) Nitrobenzene-d5	7.44	82	696498	71.37	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	108271	80.09	ng	0.03
44) 2-Fluorobiphenyl	9.25	172	1088967	107.59	ng	0.00
78) Terphenyl-d14	13.04	244	344118	32.26	ng	0.06

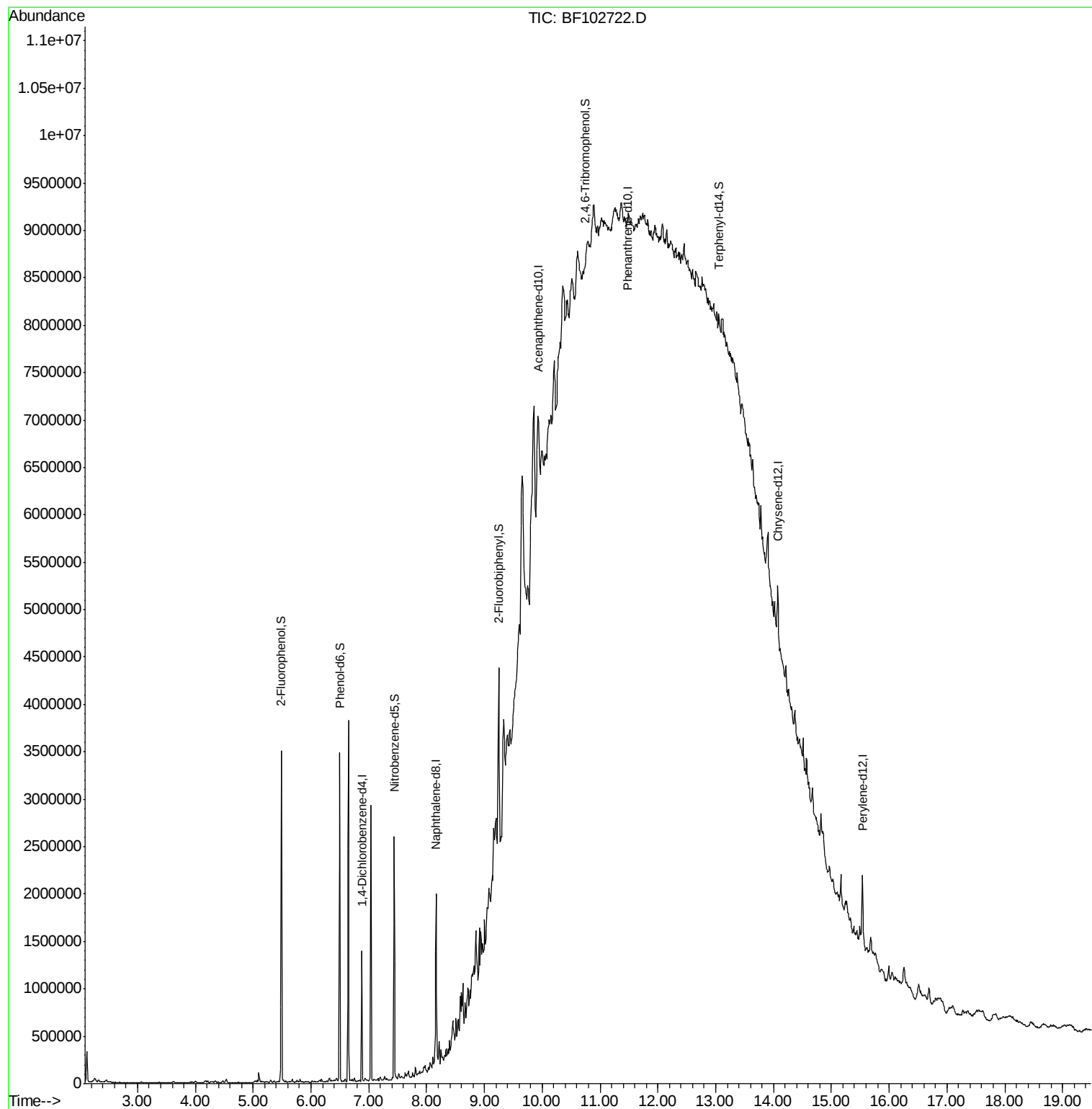
Target Compounds Qvalue

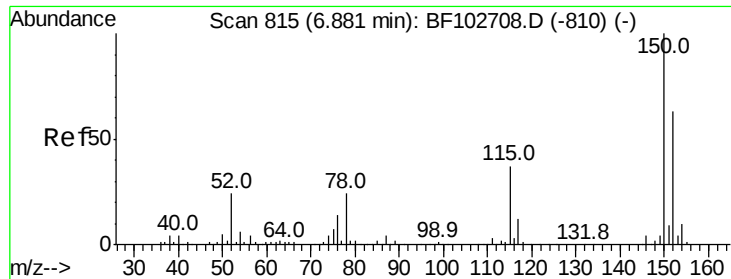
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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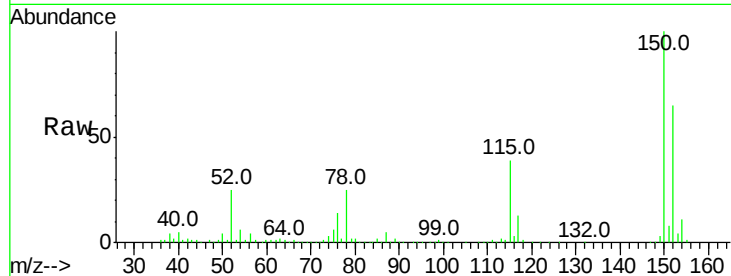


#1

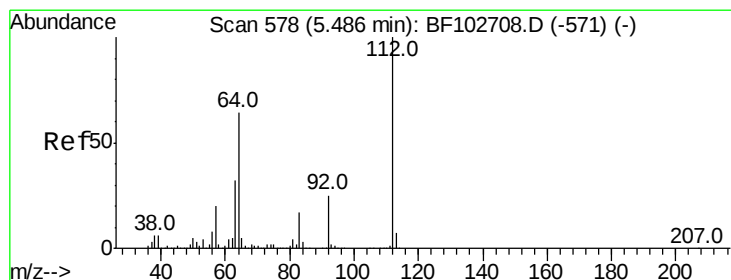
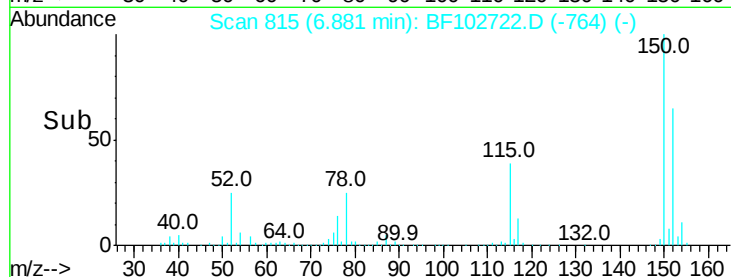
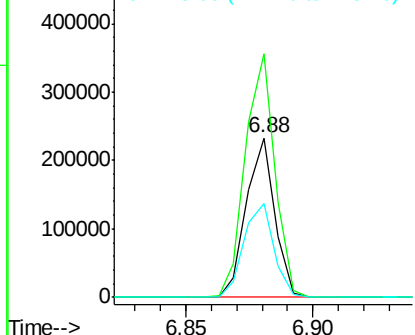
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102722.D
Acq: 3 Feb 2018 17:36

Instrument :
BNA_F
ClientSampleId :
132-1-PH-3

Tot Ion:152 Resp: 181394
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 59.0 50.1 75.1



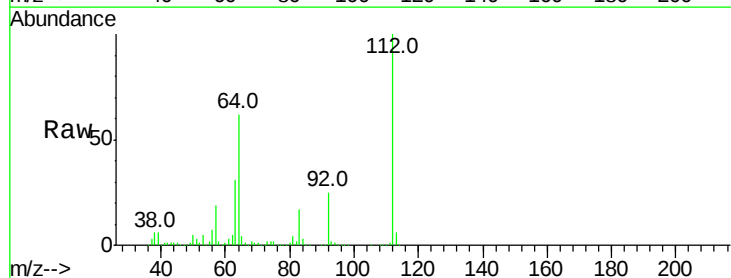
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



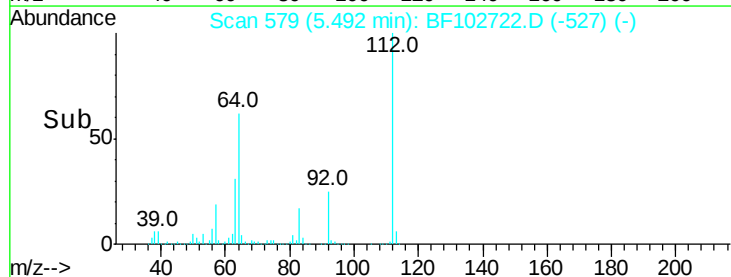
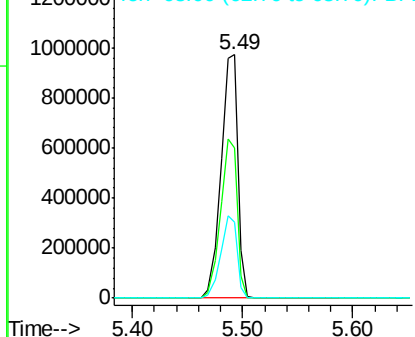
#5

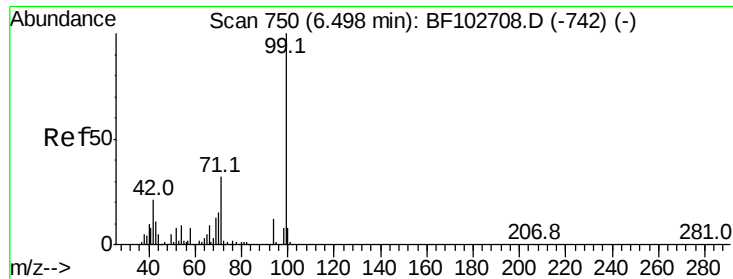
2-Fluorophenol
Concen: 86.369 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF102722.D
Acq: 3 Feb 2018 17:36

Tgt Ion:112 Resp: 1031615
Ion Ratio Lower Upper
112 100
64 61.9 47.9 71.9
63 31.3 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: 83.997 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102722.D

Acq: 3 Feb 2018 17:36

Instrument :

BNA_F

ClientSampleId :

132-1-PH-3

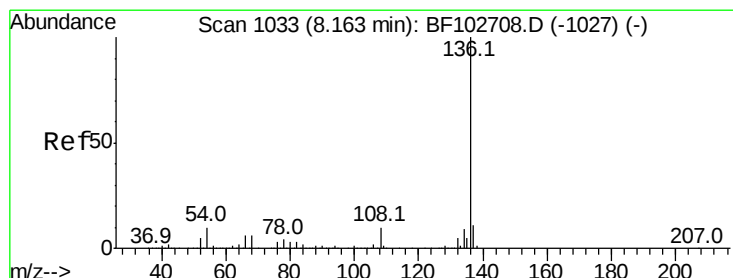
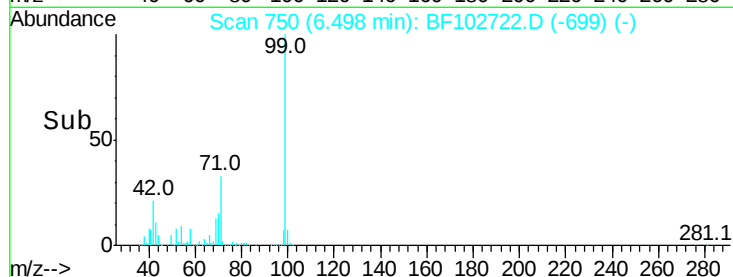
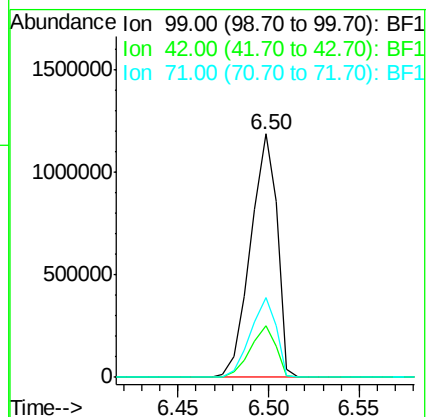
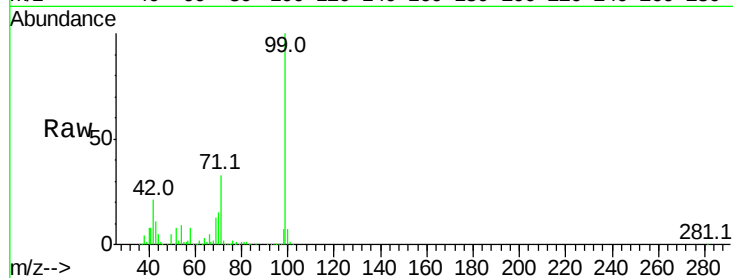
Tot Ion: 99 Resp: 1208028

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 32.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF102722.D

Acq: 3 Feb 2018 17:36

Tgt Ion: 136 Resp: 676967

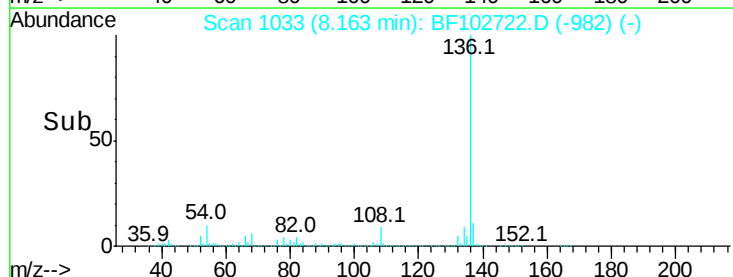
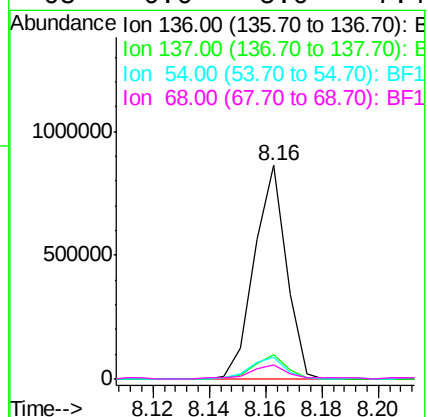
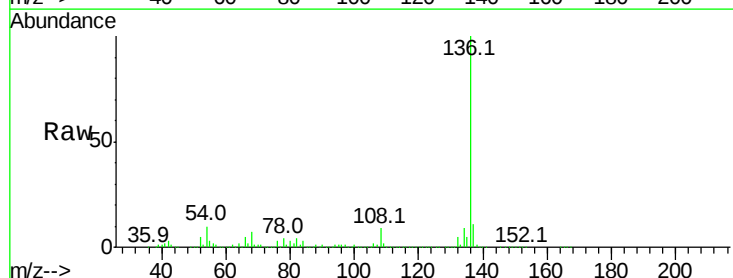
Ion Ratio Lower Upper

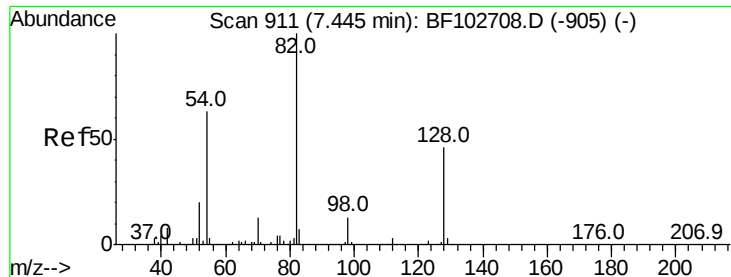
136 100

137 11.4 8.9 13.3

54 10.2 6.6 9.8#

68 6.6 5.0 7.4

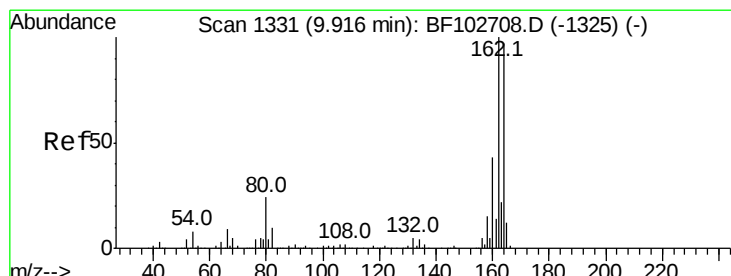
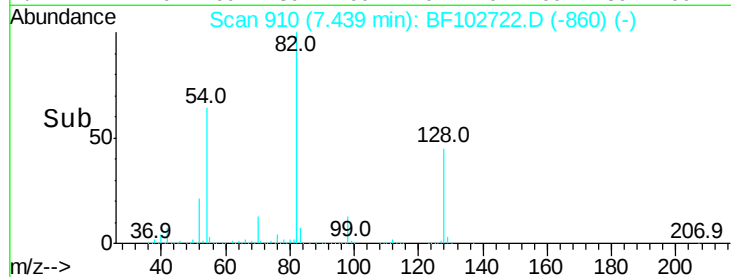
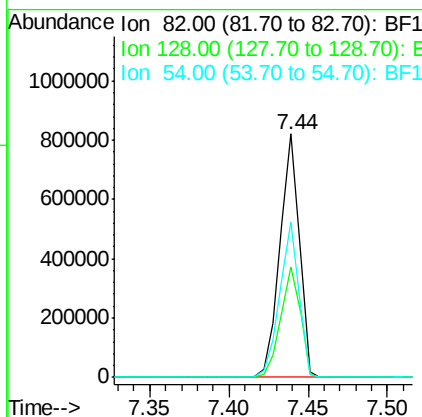
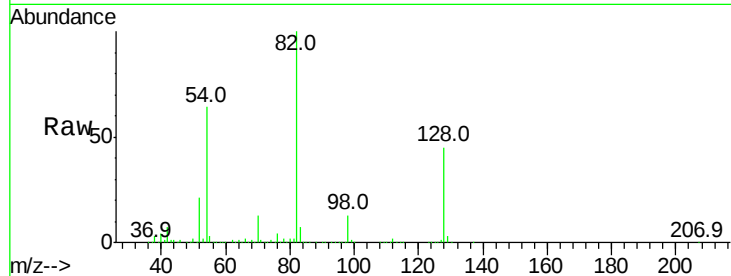




#23
 Nitrobenzene-d5
 Concen: 71.372 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF102722.D
 Acq: 3 Feb 2018 17:36

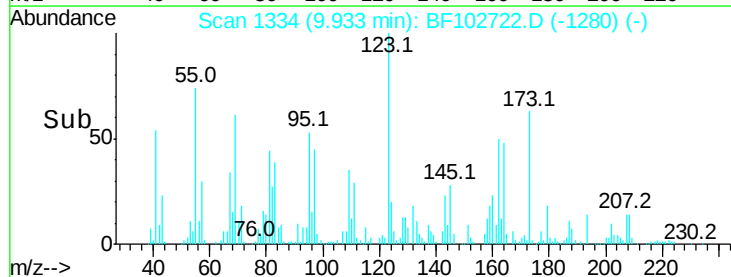
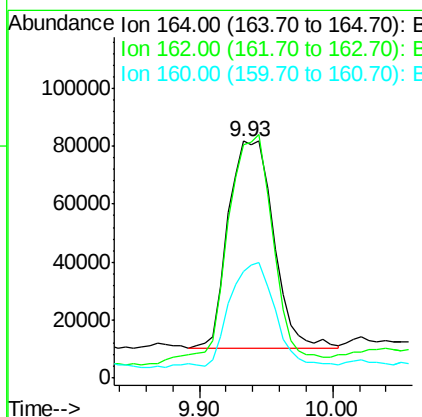
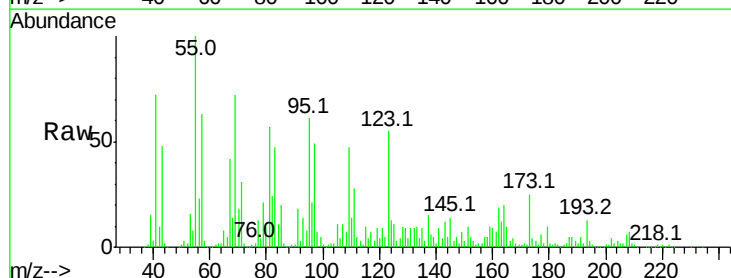
Instrument :
 BNA_F
 ClientSampleId :
 132-1-PH-3

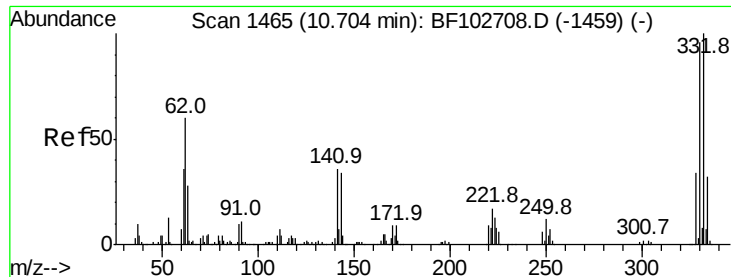
Tot Ion: 82 Resp: 696498
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 63.8 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF102722.D
 Acq: 3 Feb 2018 17:36

Tgt Ion: 164 Resp: 167952
 Ion Ratio Lower Upper
 164 100
 162 98.5 86.1 129.1
 160 44.9 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 80.093 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.03 min

Lab File: BF102722.D

Acq: 3 Feb 2018 17:36

Instrument :

BNA_F

ClientSampleId :

132-1-PH-3

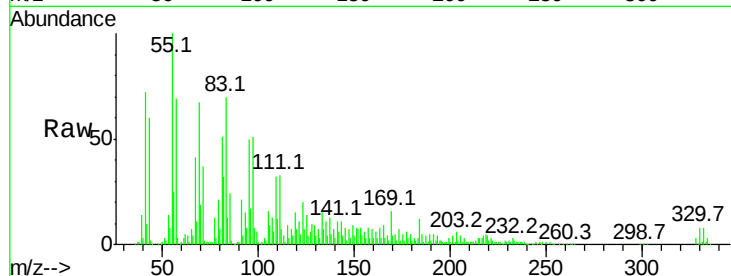
Tot Ion:330 Resp: 108271

Ion Ratio Lower Upper

330 100

332 102.9 77.0 115.6

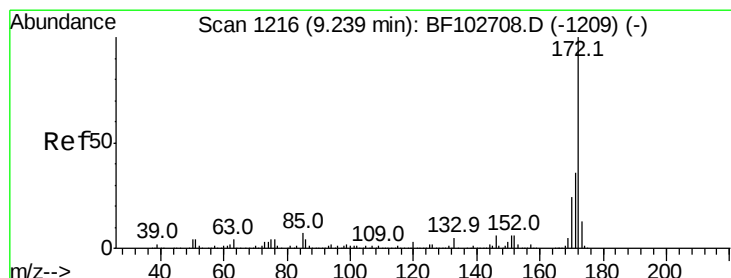
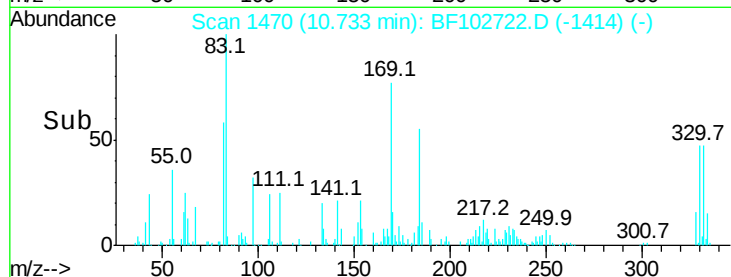
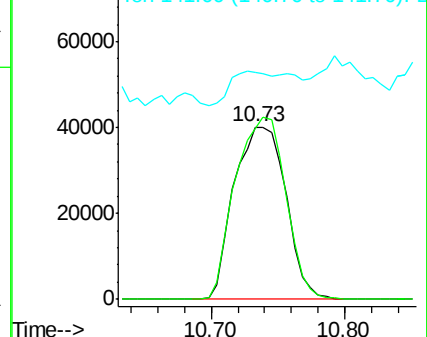
141 15.4 29.9 44.9#



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



#44

2-Fluorobiphenyl

Concen: 107.589 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.01 min

Lab File: BF102722.D

Acq: 3 Feb 2018 17:36

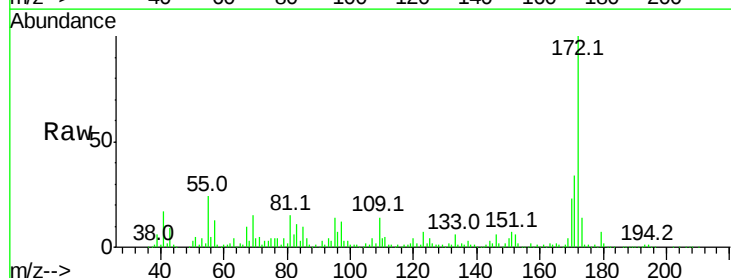
Tgt Ion:172 Resp: 1088967

Ion Ratio Lower Upper

172 100

171 34.5 29.7 44.5

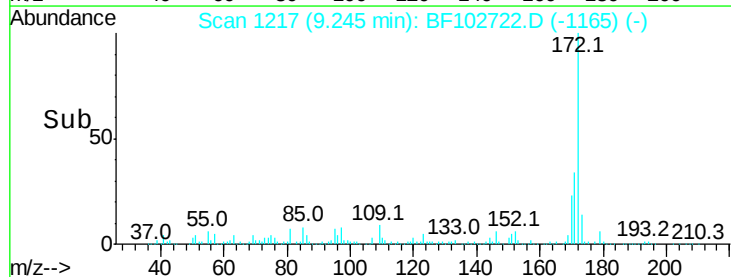
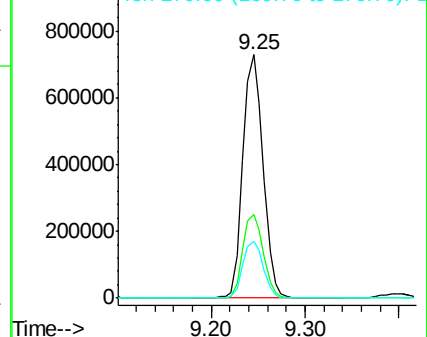
170 23.5 19.6 29.4

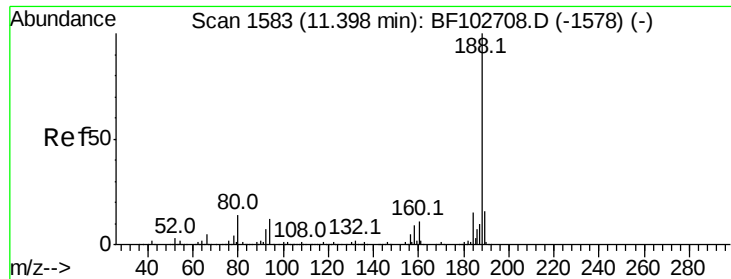


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

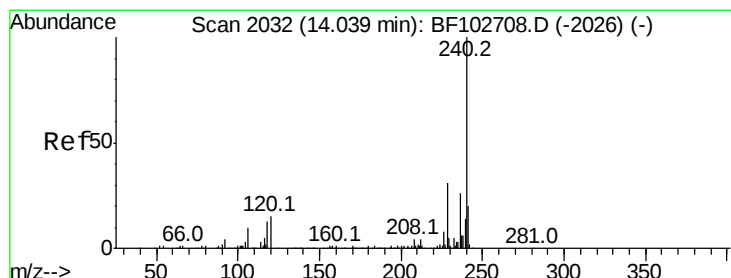
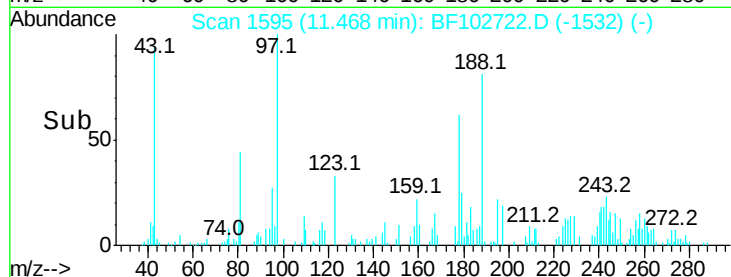
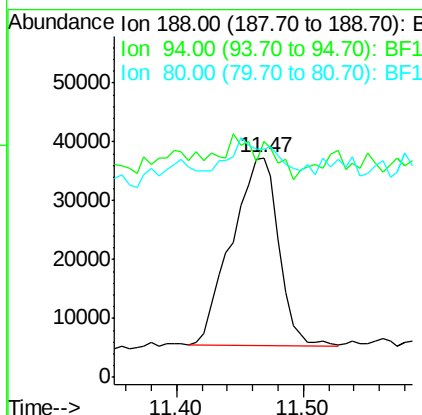
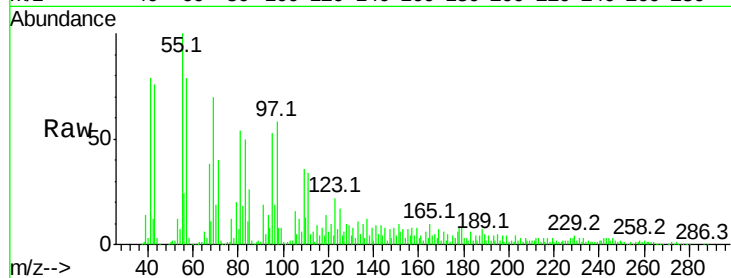




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.07 min
Lab File: BF102722.D
Acq: 3 Feb 2018 17:36

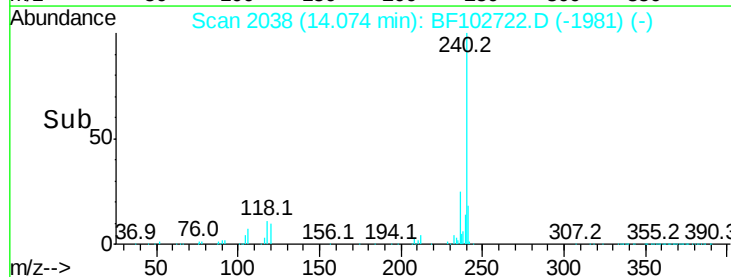
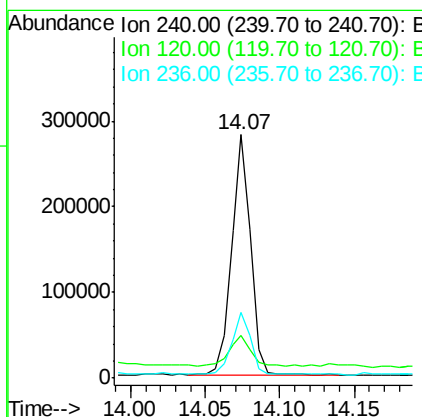
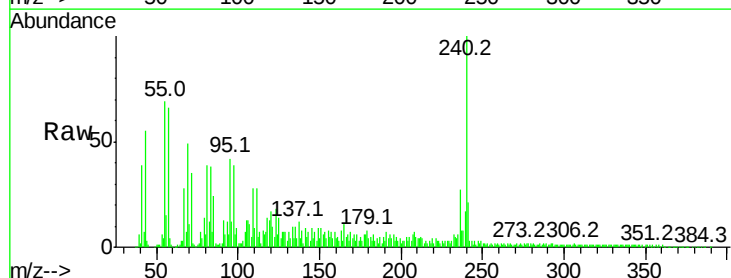
Instrument :
BNA_F
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132-1-PH-3

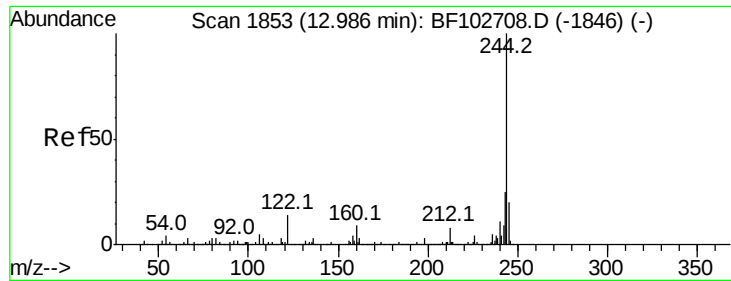
Tot Ion:188 Resp: 82361
Ion Ratio Lower Upper
188 100
94 107.3 8.5 12.7#
80 104.2 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.04 min
Lab File: BF102722.D
Acq: 3 Feb 2018 17:36

Tgt Ion:240 Resp: 252581
Ion Ratio Lower Upper
240 100
120 17.4 9.5 14.3#
236 26.9 20.7 31.1





#78

Terphenyl-d14

Concen: 32.259 ng

RT: 13.04 min Scan# 1863

Delta R.T. 0.06 min

Lab File: BF102722.D

Acq: 3 Feb 2018 17:36

Instrument :

BNA_F

ClientSampleId :

132-1-PH-3

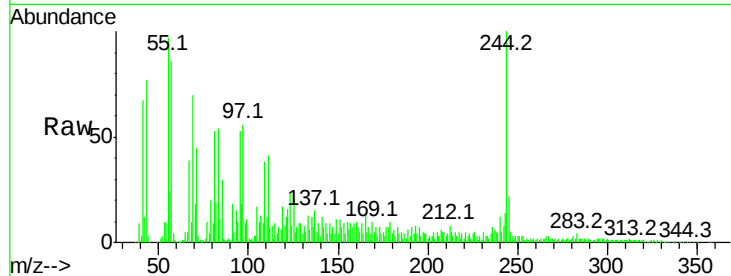
Tot Ion:244 Resp: 344118

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.0#

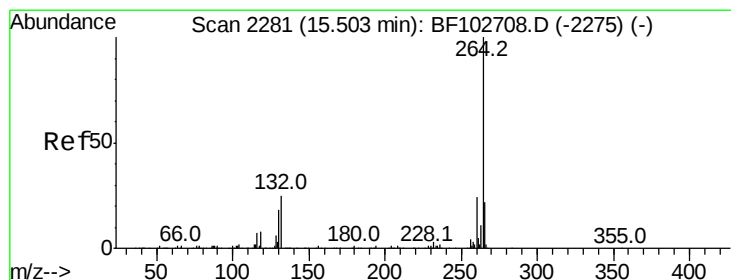
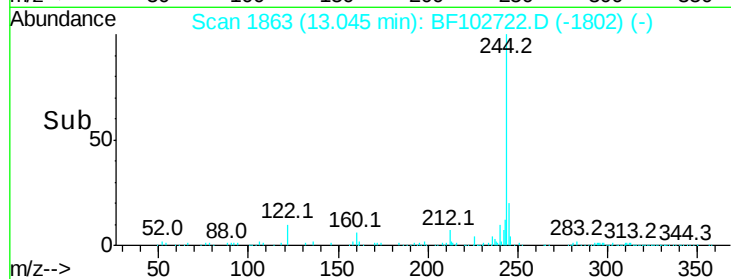
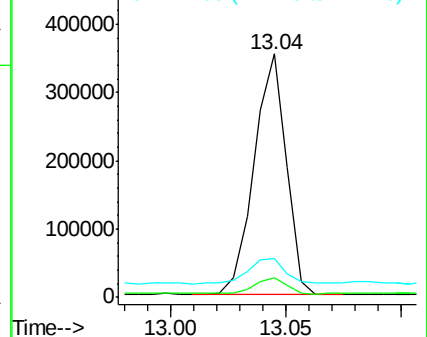
122 15.9 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.03 min

Lab File: BF102722.D

Acq: 3 Feb 2018 17:36

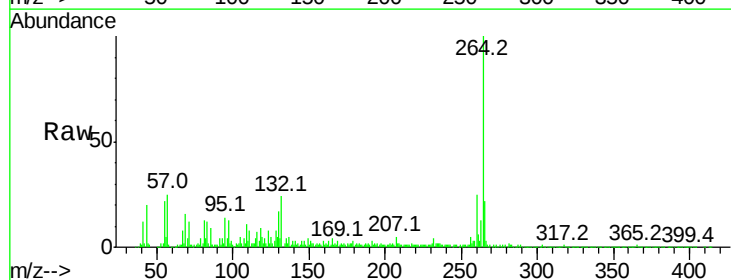
Tgt Ion:264 Resp: 339065

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 22.1 17.5 26.3



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

