

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099785.D
 Acq On : 24 Oct 2017 13:52
 Operator : SJ/JU
 Sample : PB103578BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103578BL

Quant Time: Oct 24 18:19:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	88691	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	372491	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	180527	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	353341	20.00	ng	0.00
75) Chrysene-d12	13.98	240	289549	20.00	ng	0.00
86) Perylene-d12	15.44	264	217119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	609800	107.94	ng	0.01
7) Phenol-d6	6.45	99	717848	107.17	ng	0.00
23) Nitrobenzene-d5	7.37	82	418183	72.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	179532	109.13	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	880642	75.26	ng	0.00
78) Terphenyl-d14	12.92	244	867151	65.45	ng	0.00

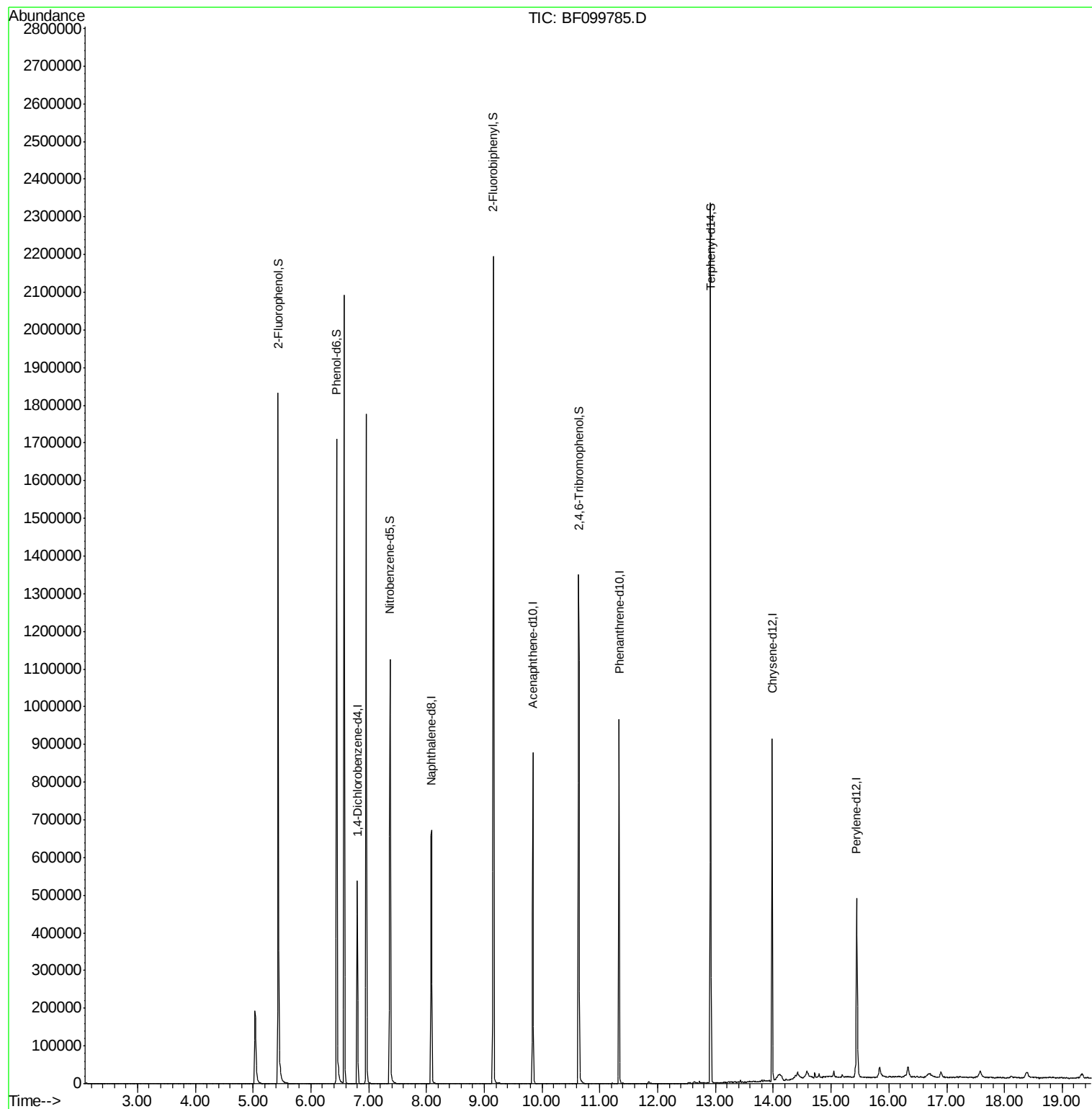
Target Compounds Qvalue

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

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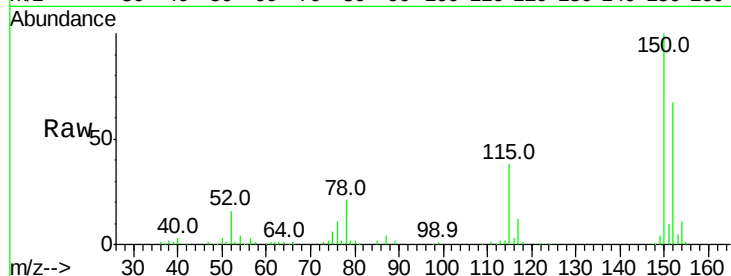


#1

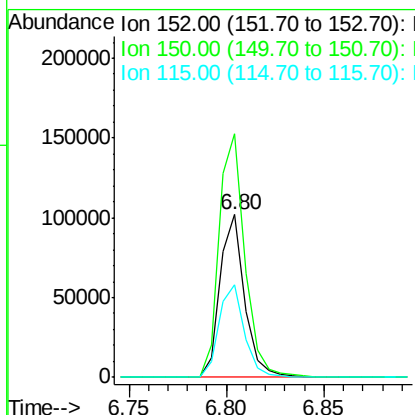
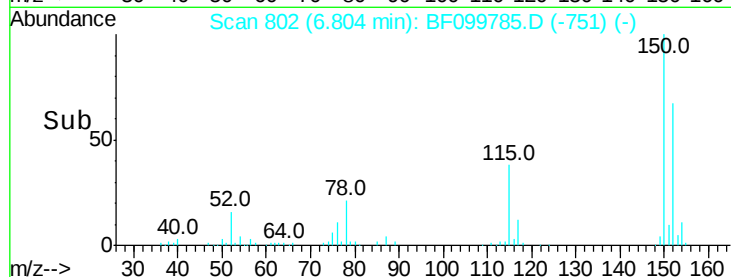
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099785.D
Acq: 24 Oct 2017 13:52

Instrument :
BNA_F
ClientSampleId :
PB103578BL

Tot Ion:152 Resp: 88691
Ion Ratio Lower Upper
152 100
150 149.9 124.6 186.8
115 57.0 50.1 75.1



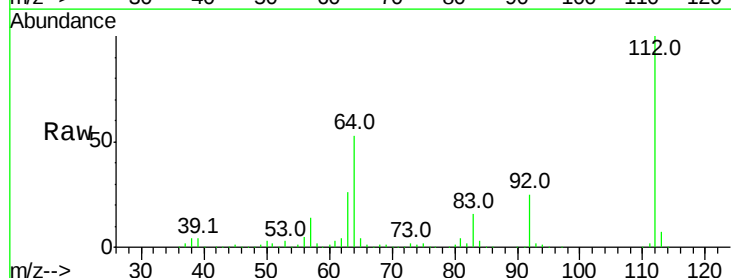
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



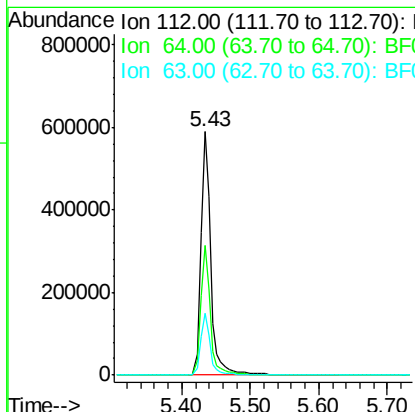
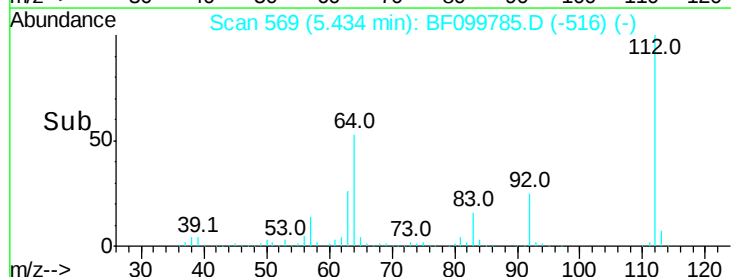
#5

2-Fluorophenol
Concen: 107.944 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF099785.D
Acq: 24 Oct 2017 13:52

Tgt Ion:112 Resp: 609800
Ion Ratio Lower Upper
112 100
64 53.3 47.9 71.9
63 25.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.167 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099785.D

Acq: 24 Oct 2017 13:52

Instrument :

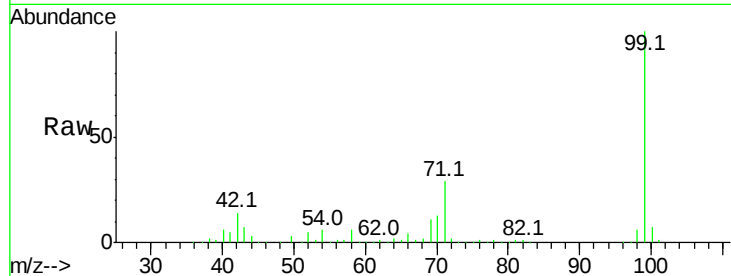
BNA_F

ClientSampleId :

PB103578BL

Tot Ion: 99 Resp: 717848

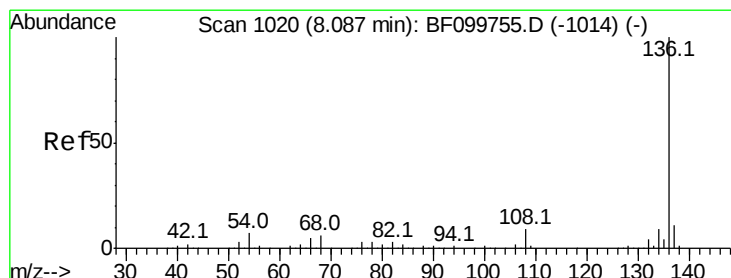
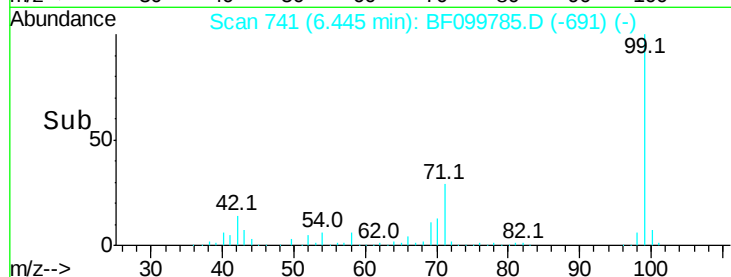
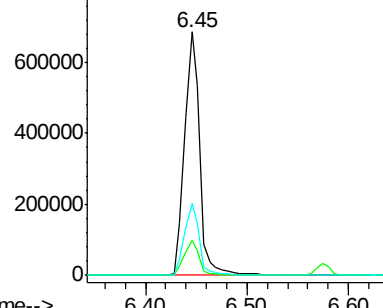
Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7#
71	29.4	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

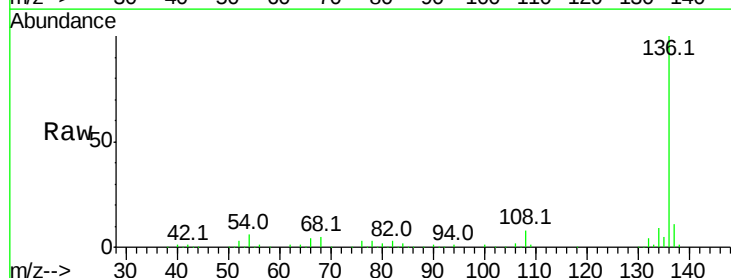
Delta R.T. -0.00 min

Lab File: BF099785.D

Acq: 24 Oct 2017 13:52

Tgt Ion: 136 Resp: 372491

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	6.6	9.8#
68	5.2	5.0	7.4

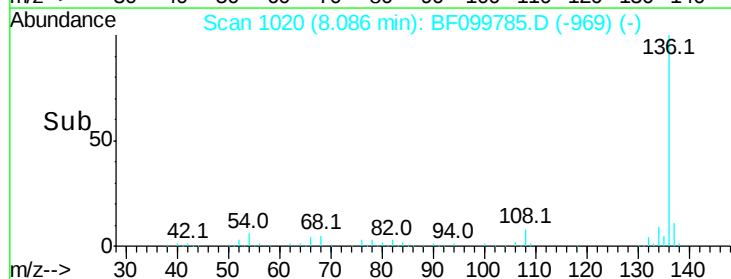
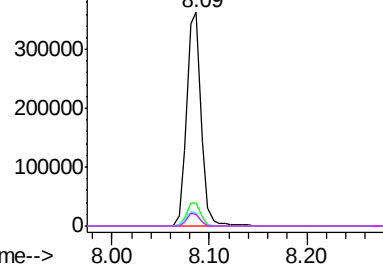


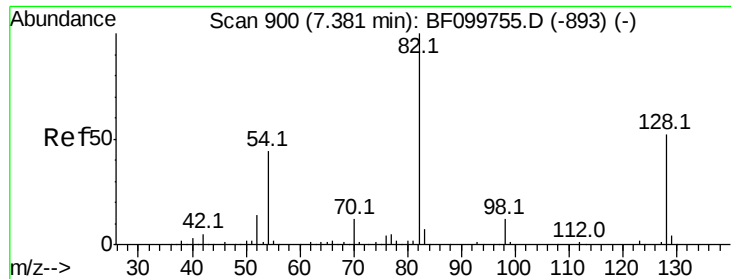
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

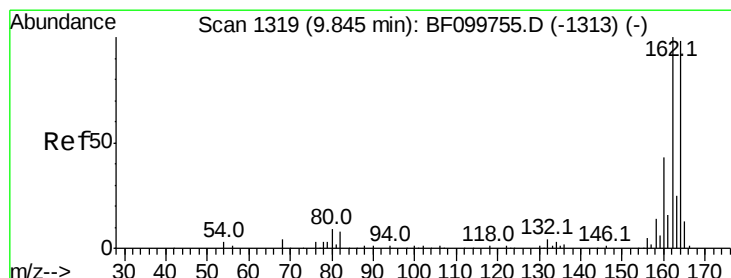
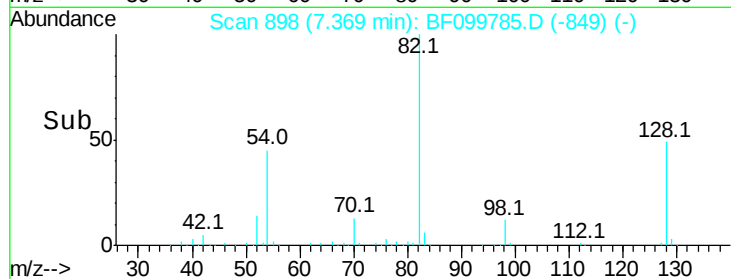
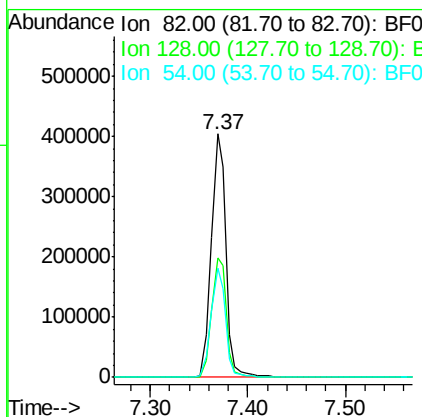
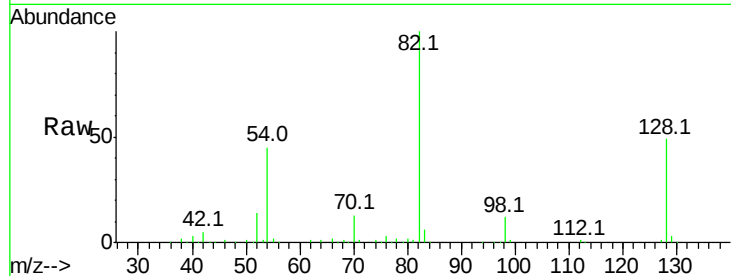




#23
 Nitrobenzene-d5
 Concen: 72.278 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF099785.D
 Acq: 24 Oct 2017 13:52

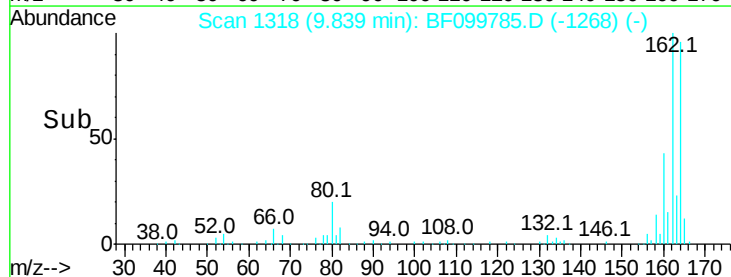
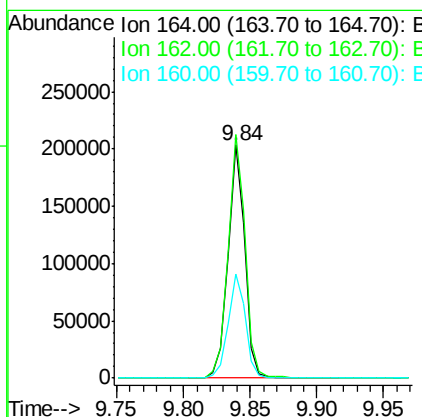
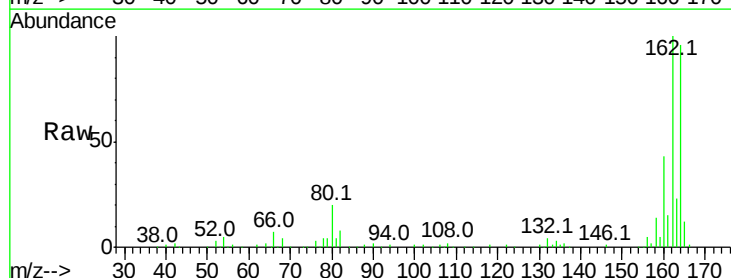
Instrument :
 BNA_F
 ClientSampleId :
 PB103578BL

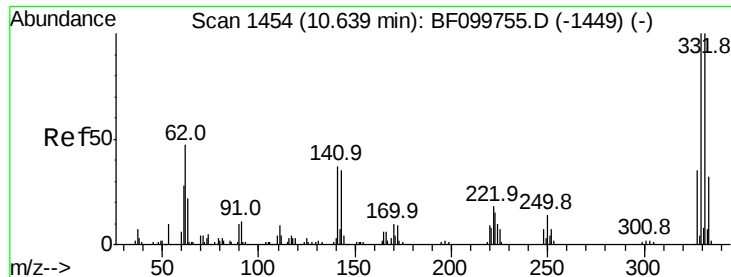
Tot Ion: 82 Resp: 418183
 Ion Ratio Lower Upper
 82 100
 128 49.0 36.1 54.1
 54 44.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF099785.D
 Acq: 24 Oct 2017 13:52

Tgt Ion:164 Resp: 180527
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 44.8 38.3 57.5

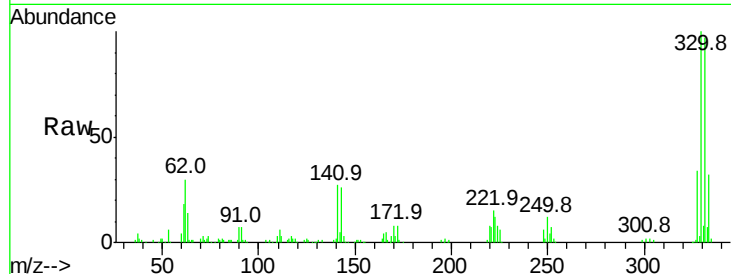




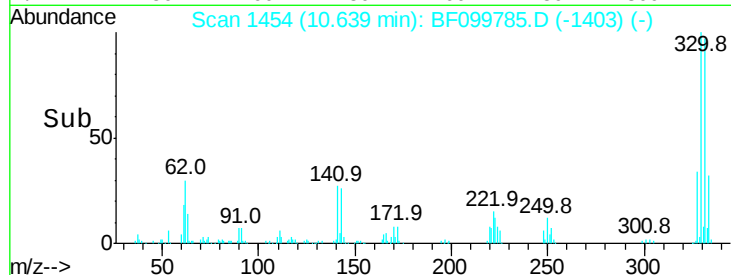
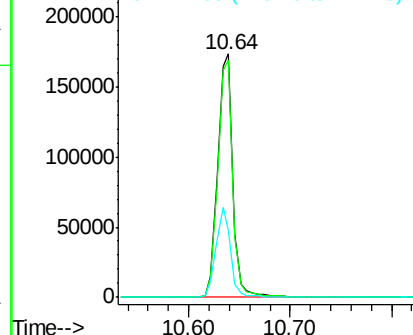
#41
 2,4,6-Tribromophenol
 Concen: 109.127 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099785.D
 Acq: 24 Oct 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB103578BL

Tot Ion:330 Resp: 179532
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 35.7 29.9 44.9

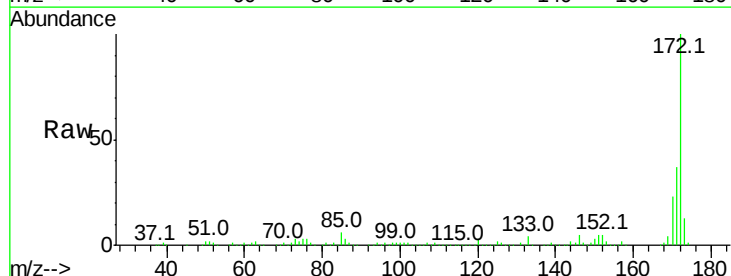


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

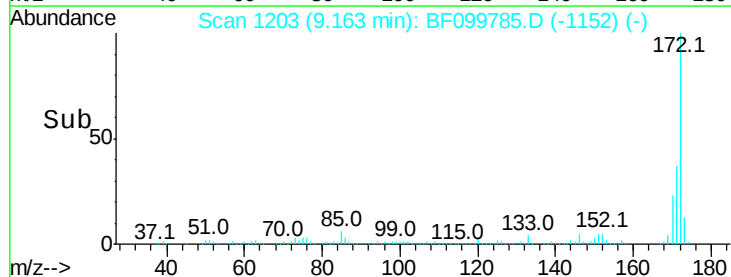
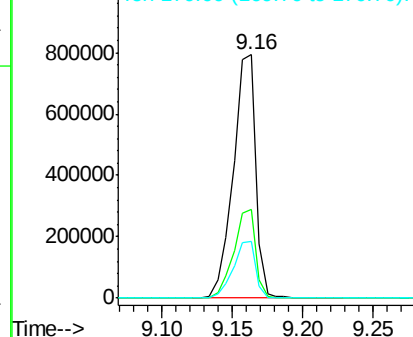


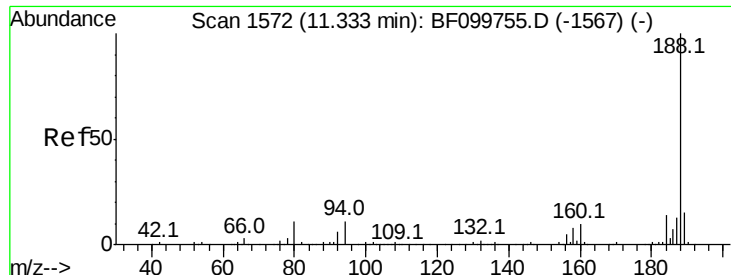
#44
 2-Fluorobiphenyl
 Concen: 75.262 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099785.D
 Acq: 24 Oct 2017 13:52

Tgt Ion:172 Resp: 880642
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 23.3 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

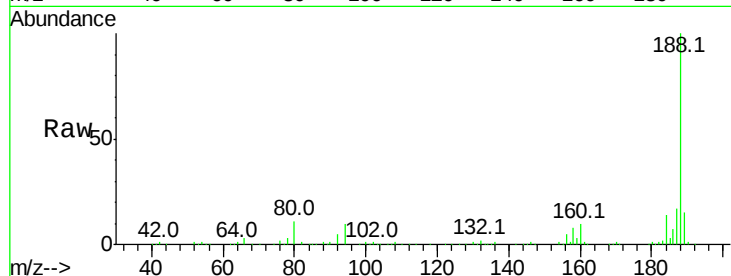




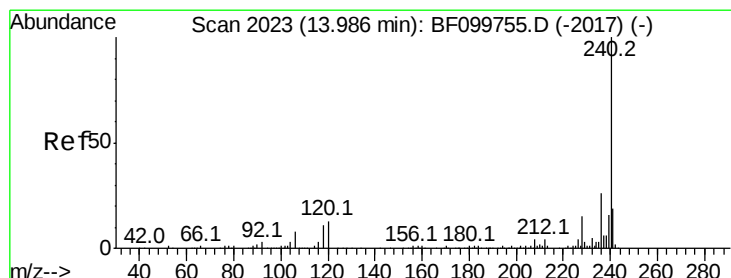
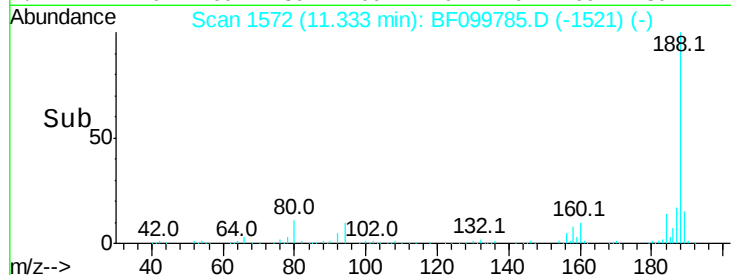
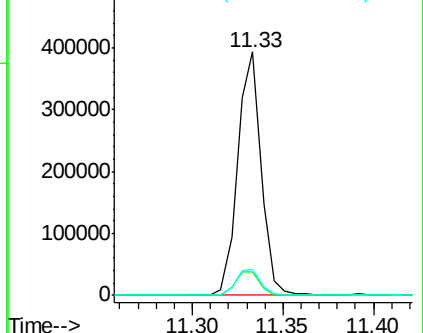
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099785.D
Acq: 24 Oct 2017 13:52

Instrument :
BNA_F
ClientSampleId :
PB103578BL

Tot Ion:188 Resp: 353341
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.5 9.2 13.8

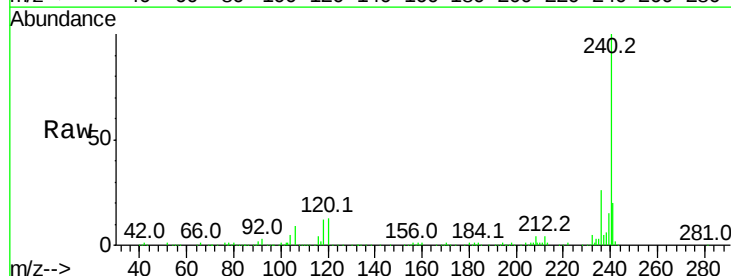


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

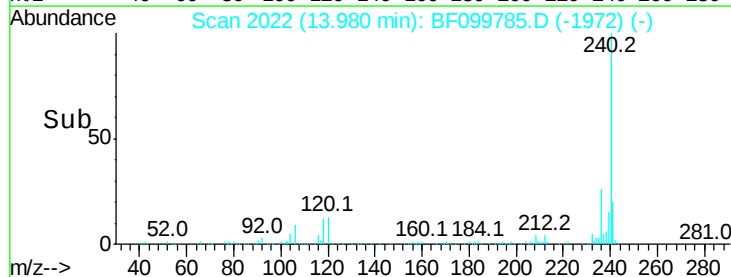
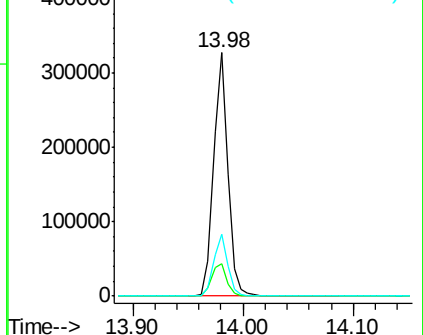


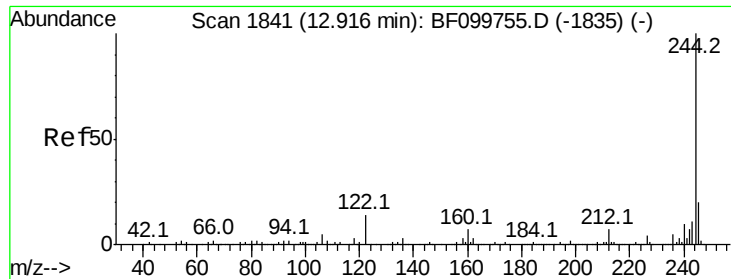
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099785.D
Acq: 24 Oct 2017 13:52

Tgt Ion:240 Resp: 289549
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 25.6 20.7 31.1



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





#78

Terphenyl-d14

Concen: 65.448 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF099785.D

Acq: 24 Oct 2017 13:52

Instrument :

BNA_F

ClientSampleId :

PB103578BL

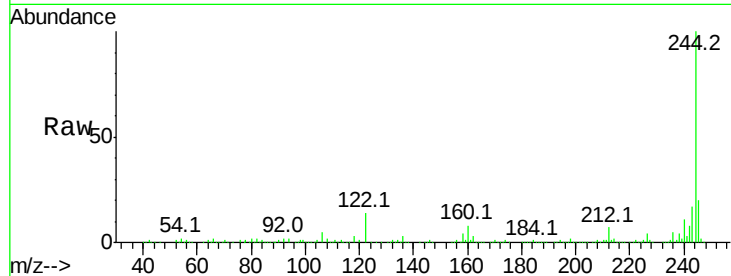
Tot Ion:244 Resp: 867151

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

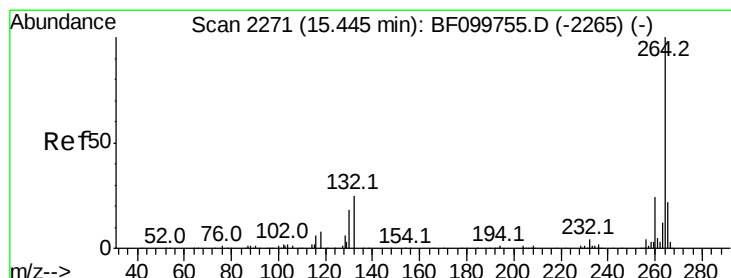
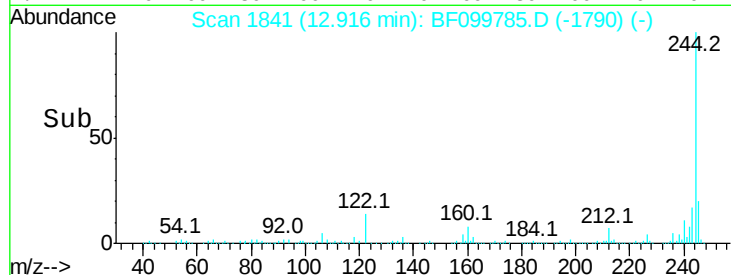
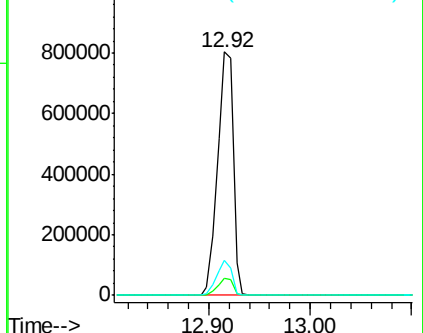
122 14.3 11.0 16.4



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: 15.44 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BF099785.D

Acq: 24 Oct 2017 13:52

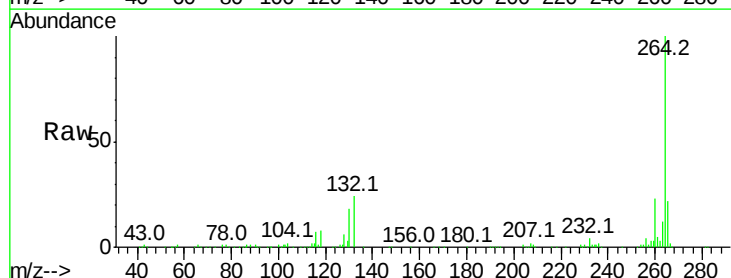
Tgt Ion:264 Resp: 217119

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.5 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

