

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097845.D
 Acq On : 18 Aug 2017 21:03
 Operator : SJ/JU
 Sample : I4811-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-23

Quant Time: Aug 19 01:11:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

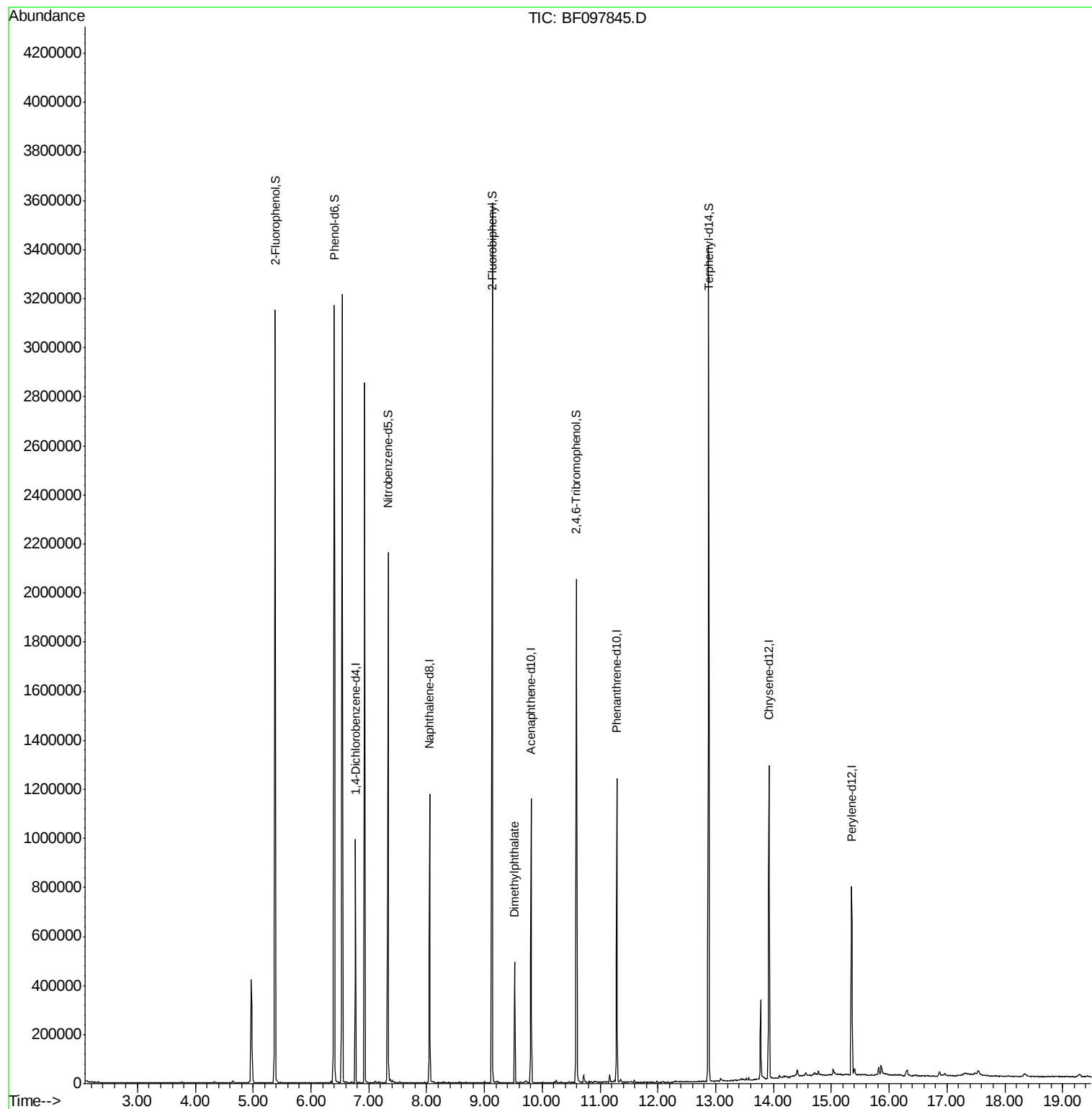
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	124637	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	490487	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	220198	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	439469	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	406520	20.00	ng	-0.02
86) Perylene-d12	15.35	264	331976	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	940606	114.79	ng	0.00
7) Phenol-d6	6.40	99	1271105	114.17	ng	0.00
23) Nitrobenzene-d5	7.33	82	803258	88.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	241633	126.47	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1121912	74.86	ng	-0.01
78) Terphenyl-d14	12.88	244	1058588	54.30	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	169883	10.554	ng	98

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

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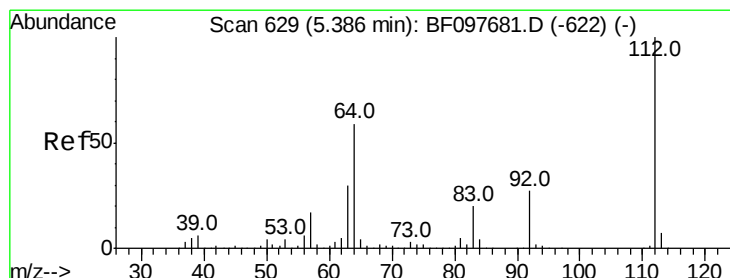
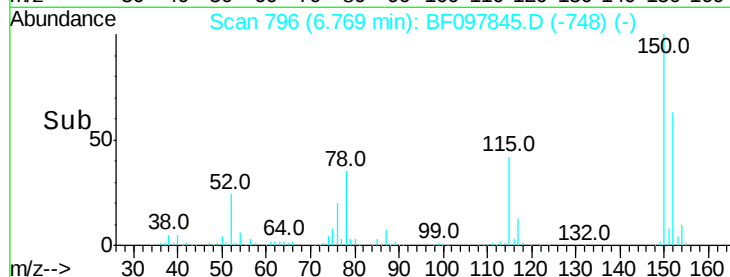
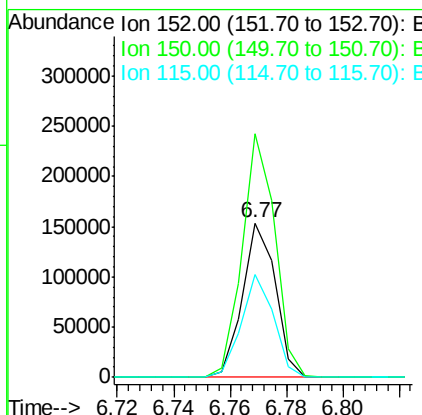
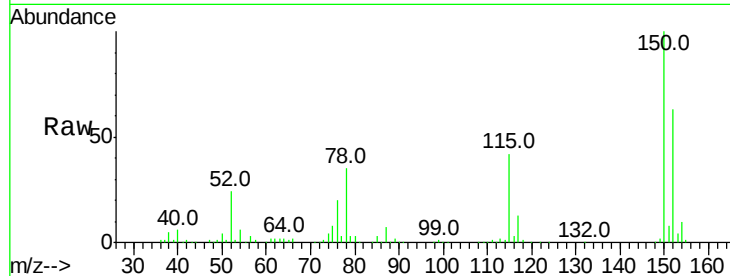


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097845.D
Acq: 18 Aug 2017 21:03

Instrument :
BNA_F
ClientSampled :
EP-23

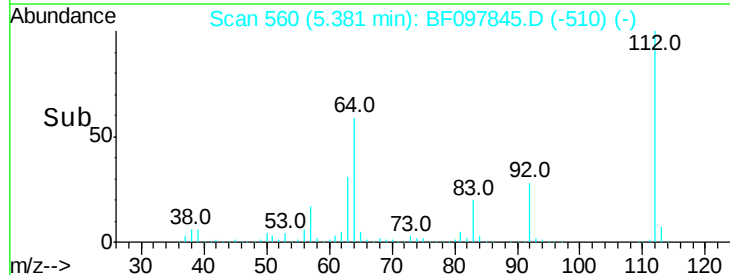
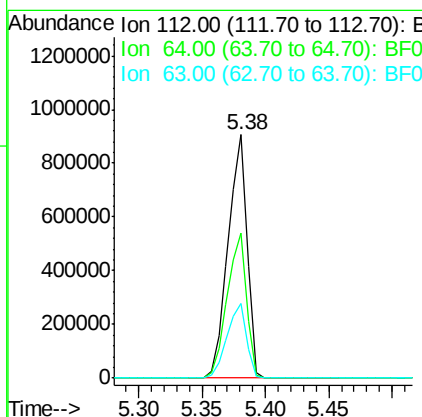
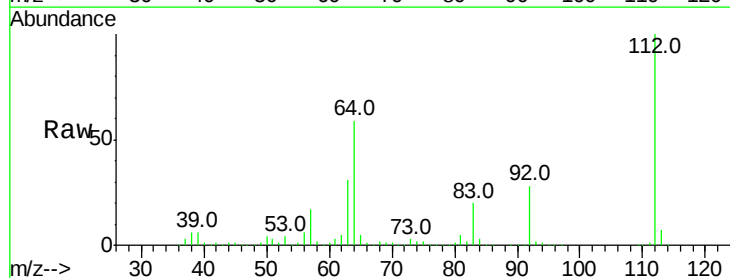
Tot Ion:152 Resp: 124637
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 66.3 52.2 78.2

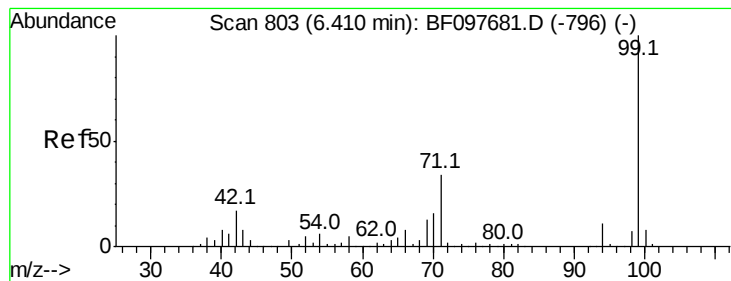


#5

2-Fluorophenol
Concen: 114.792 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF097845.D
Acq: 18 Aug 2017 21:03

Tgt Ion:112 Resp: 940606
Ion Ratio Lower Upper
112 100
64 59.4 46.0 69.0
63 30.6 23.4 35.0





#7

Phenol-d6

Concen: 114.171 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097845.D

Acq: 18 Aug 2017 21:03

Instrument :

BNA_F

ClientSampleId :

EP-23

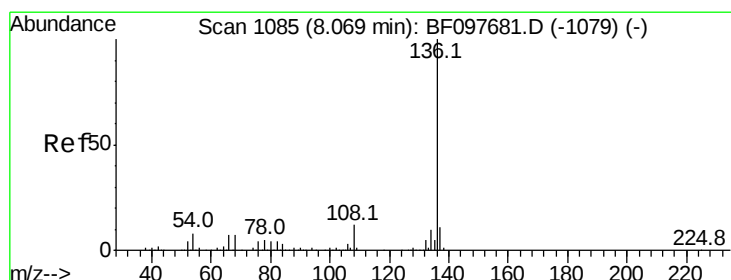
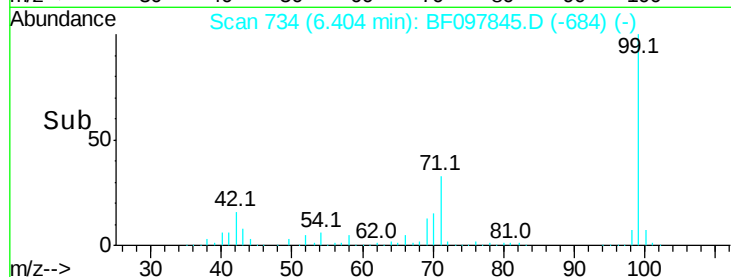
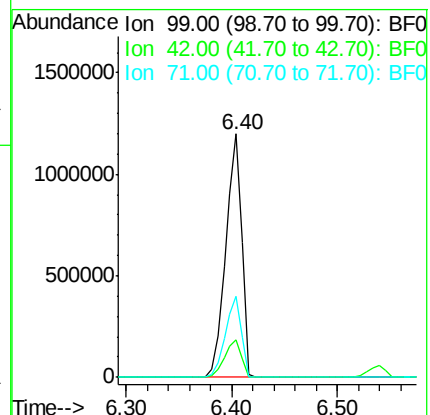
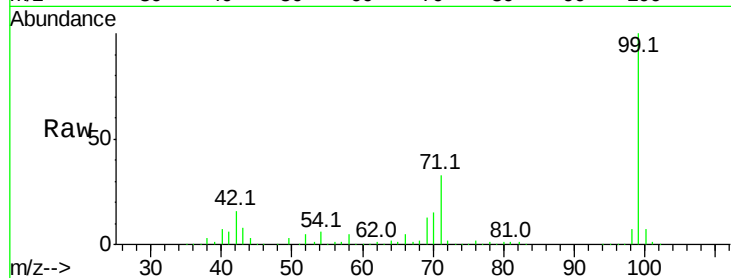
Tot Ion: 99 Resp: 1271105

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	33.2	24.5	36.7

99 100

42 15.7 13.5 20.3

71 33.2 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF097845.D

Acq: 18 Aug 2017 21:03

Tgt Ion: 136 Resp: 490487

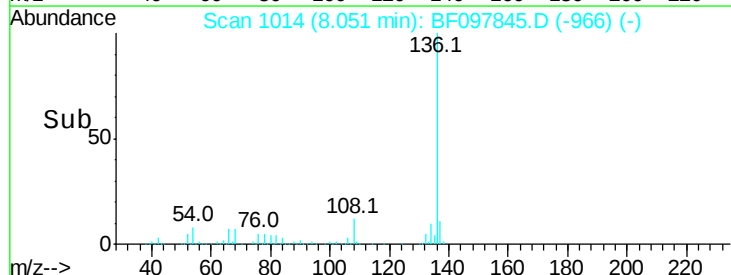
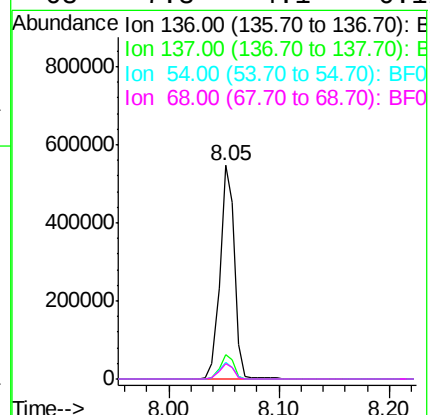
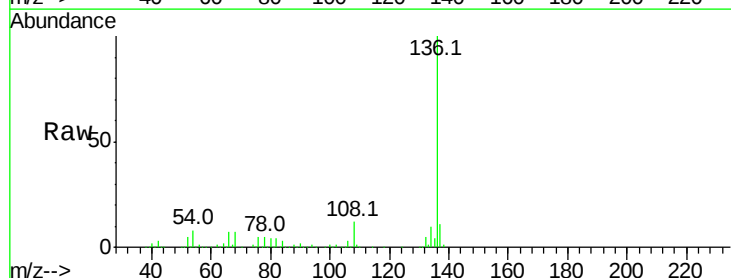
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.0	4.9	7.3#
68	7.3	4.1	6.1#

136 100

137 11.2 8.5 12.7

54 8.0 4.9 7.3#

68 7.3 4.1 6.1#

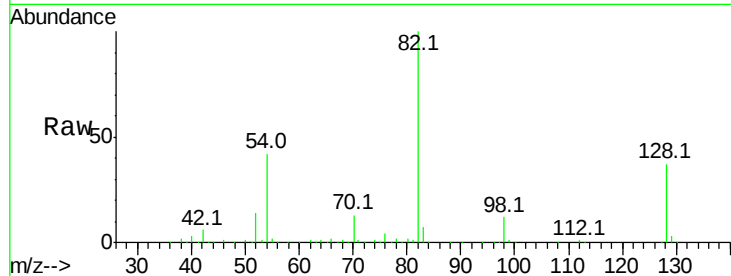




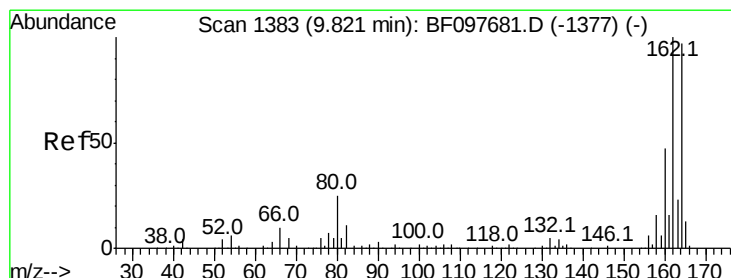
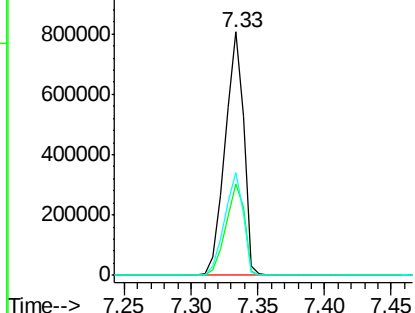
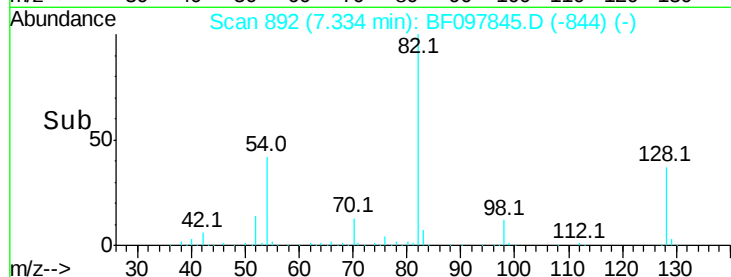
#23
 Nitrobenzene-d5
 Concen: 88.966 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF097845.D
 Acq: 18 Aug 2017 21:03

Instrument :
 BNA_F
 ClientSampleId :
 EP-23

Tot Ion	82	Resp	803258
Ion Ratio	100	Lower	Upper
128	37.3	34.0	51.0
54	42.2	42.2	63.2

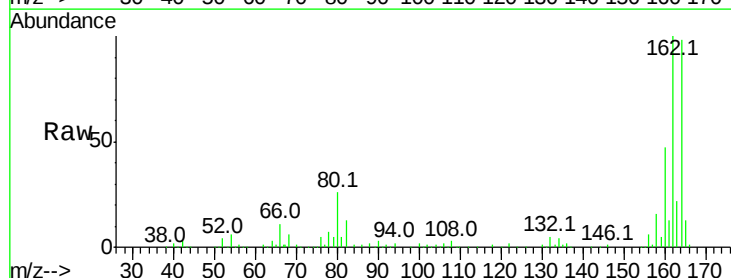


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

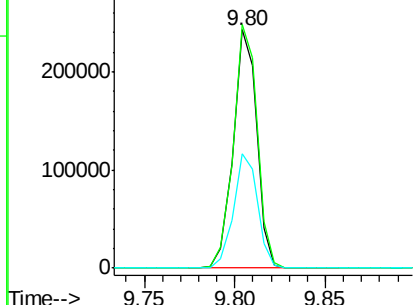
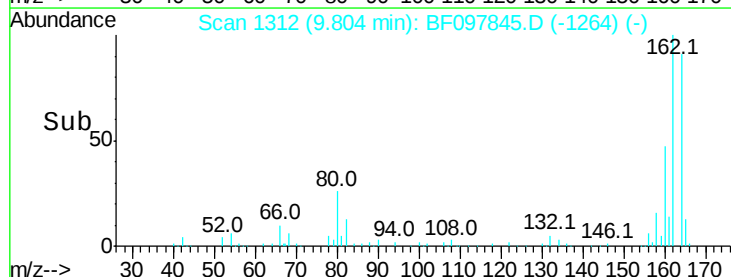


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF097845.D
 Acq: 18 Aug 2017 21:03

Tgt Ion	164	Resp	220198
Ion Ratio	100	Lower	Upper
162	102.2	82.6	123.8
160	48.1	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

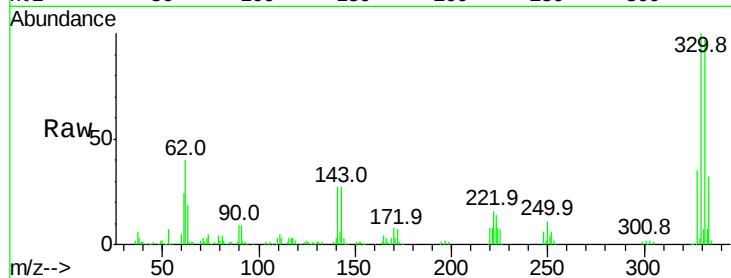




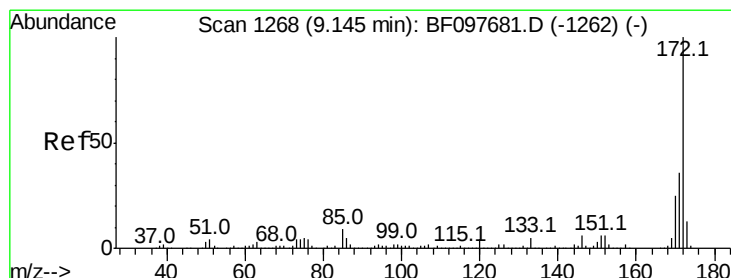
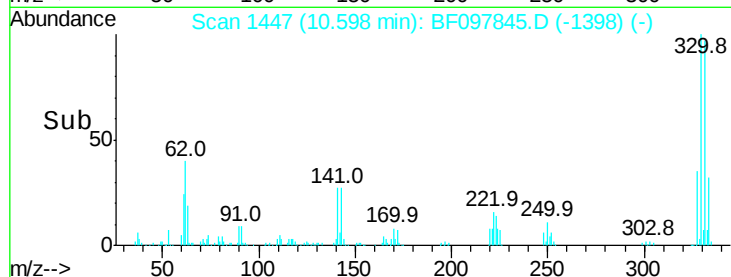
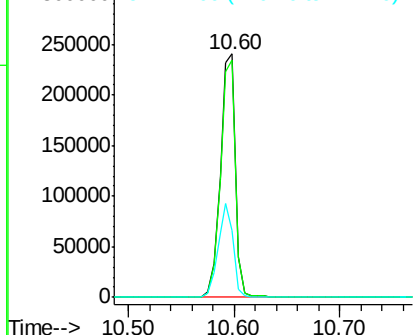
#41
 2,4,6-Tribromophenol
 Concen: 126.471 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097845.D
 Acq: 18 Aug 2017 21:03

Instrument :
 BNA_F
 ClientSampleId :
 EP-23

Tot Ion:330 Resp: 241633
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 38.8 31.4 47.2

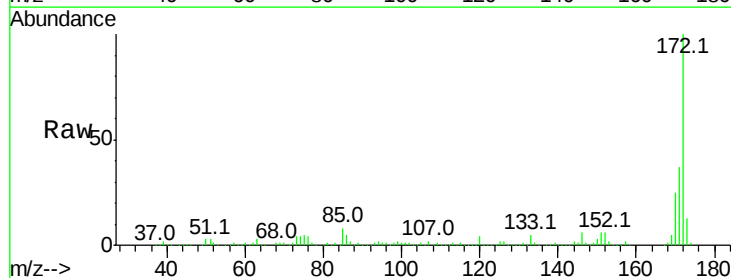


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

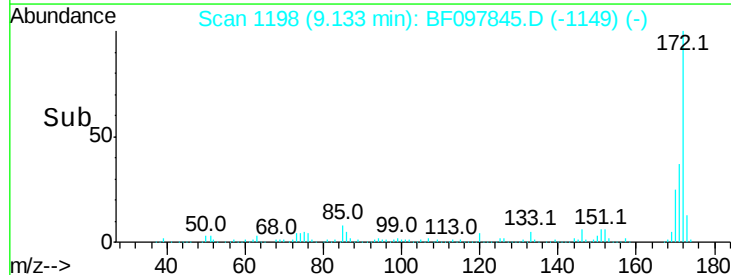
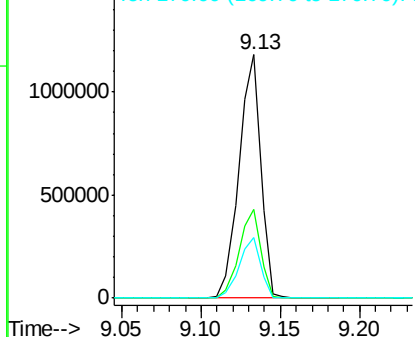


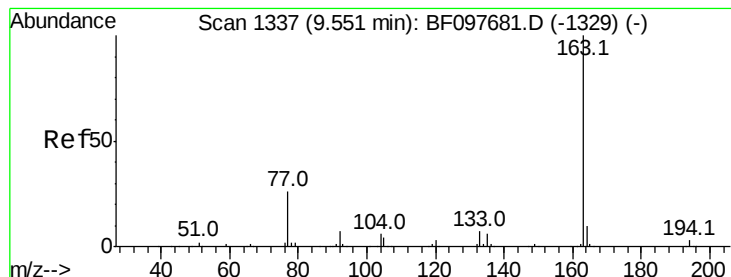
#44
 2-Fluorobiphenyl
 Concen: 74.856 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097845.D
 Acq: 18 Aug 2017 21:03

Tgt Ion:172 Resp: 1121912
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.8 19.8 29.8



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





#49

Dimethylphthalate

Concen: 10.554 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BF097845.D

Acq: 18 Aug 2017 21:03

Instrument :

BNA_F

ClientSampleId :

EP-23

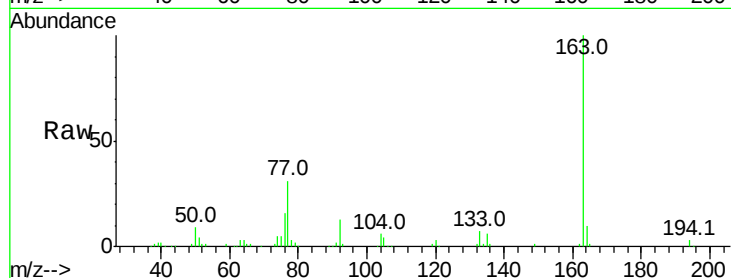
Tot Ion:163 Resp: 169883

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

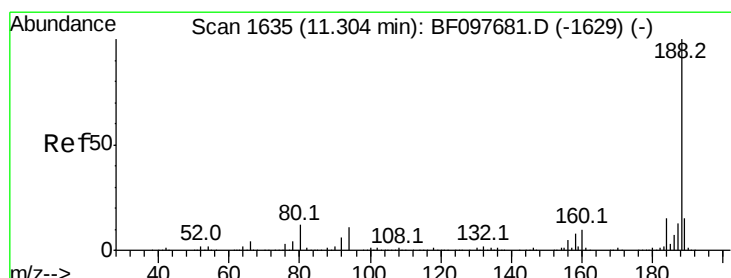
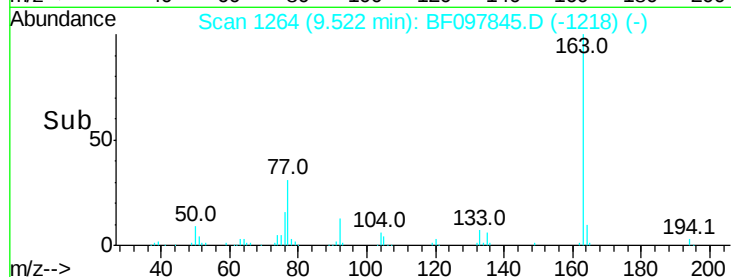
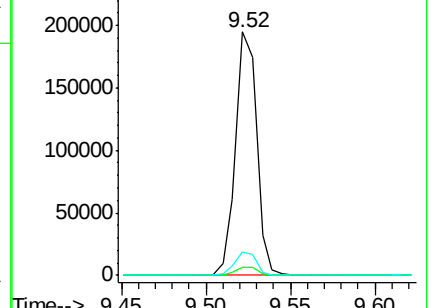
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.02 min

Lab File: BF097845.D

Acq: 18 Aug 2017 21:03

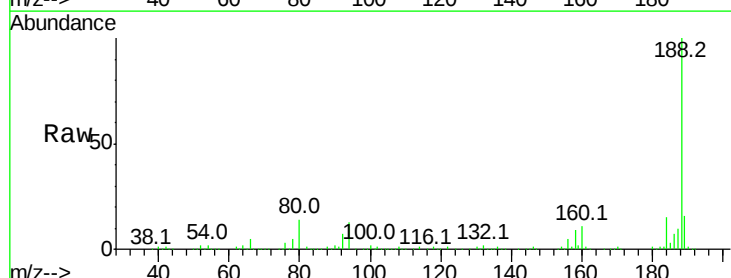
Tgt Ion:188 Resp: 439469

Ion Ratio Lower Upper

188 100

94 12.9 9.4 14.2

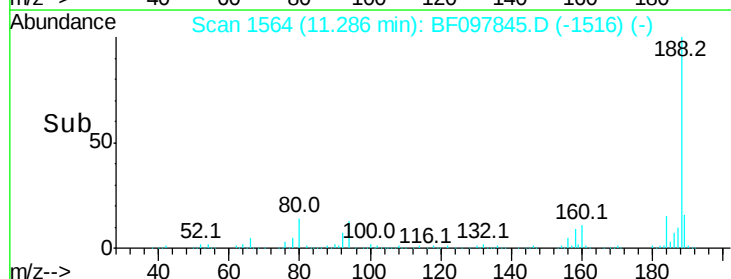
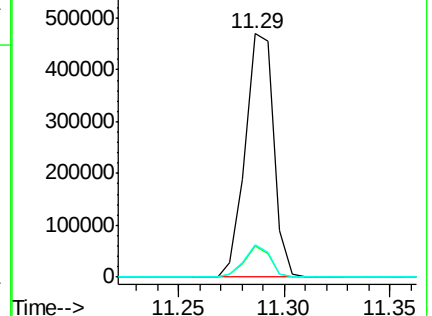
80 13.5 10.2 15.2

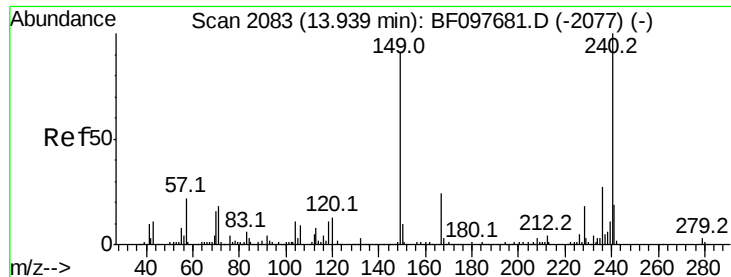


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097845.D

Acq: 18 Aug 2017 21:03

Instrument :

BNA_F

ClientSampleId :

EP-23

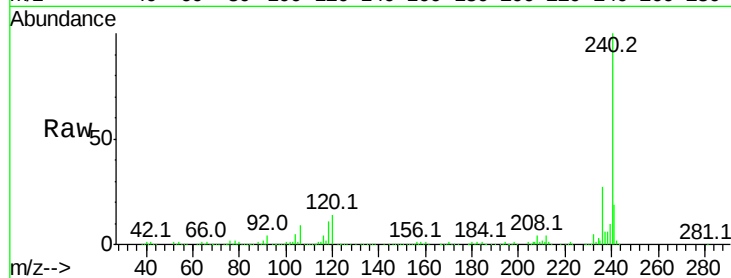
Tot Ion:240 Resp: 406520

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

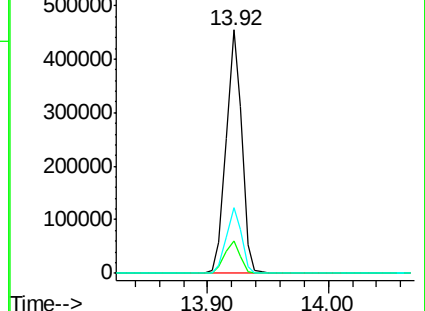
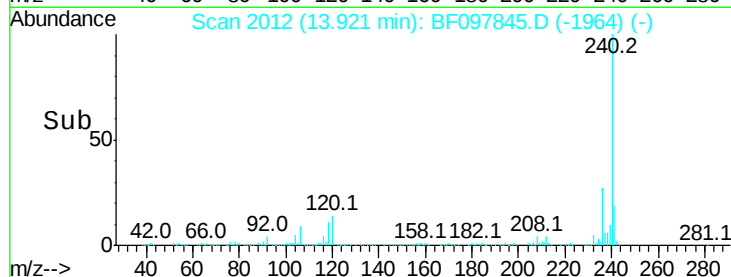
236 26.8 20.5 30.7



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: 54.303 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097845.D

Acq: 18 Aug 2017 21:03

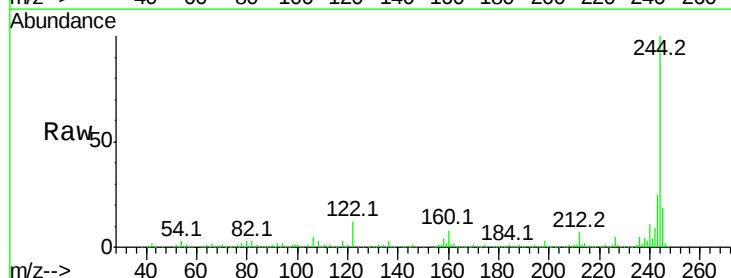
Tgt Ion:244 Resp: 1058588

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

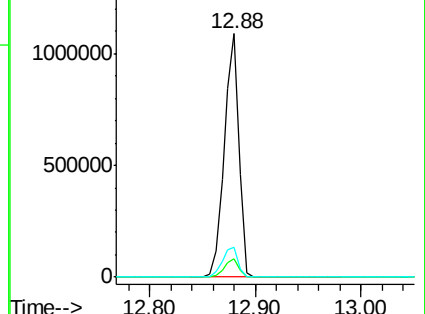
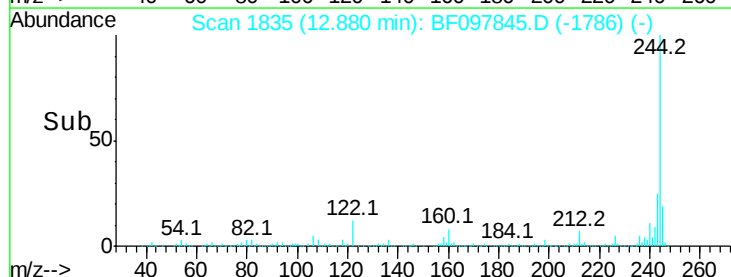
122 12.4 10.3 15.5

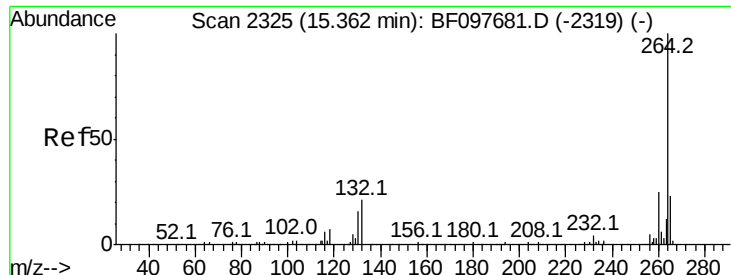


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

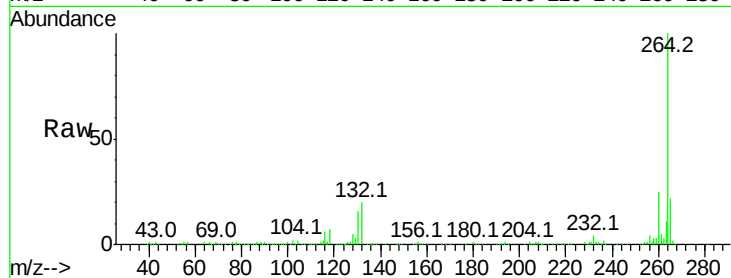




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.35 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BF097845.D
 Acq: 18 Aug 2017 21:03

Instrument :
 BNA_F
 ClientSampleId :
 EP-23

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.8	17.2	25.8



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

