

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097131.D
 Acq On : 27 Jul 2017 19:17
 Operator : SJ/JU
 Sample : I4432-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-OLDWELL

Quant Time: Jul 28 01:30:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	100701	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	390560	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	133468	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	194043	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	216292	20.00	ng	-0.02
86) Perylene-d12	14.96	264	179803	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	512009	76.65	ng	-0.01
7) Phenol-d6	6.15	99	512034	67.14	ng	-0.02
23) Nitrobenzene-d5	7.05	82	468974	70.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	135513	128.51	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	821621	104.47	ng	-0.02
78) Terphenyl-d14	12.57	244	611548	57.65	ng	-0.01

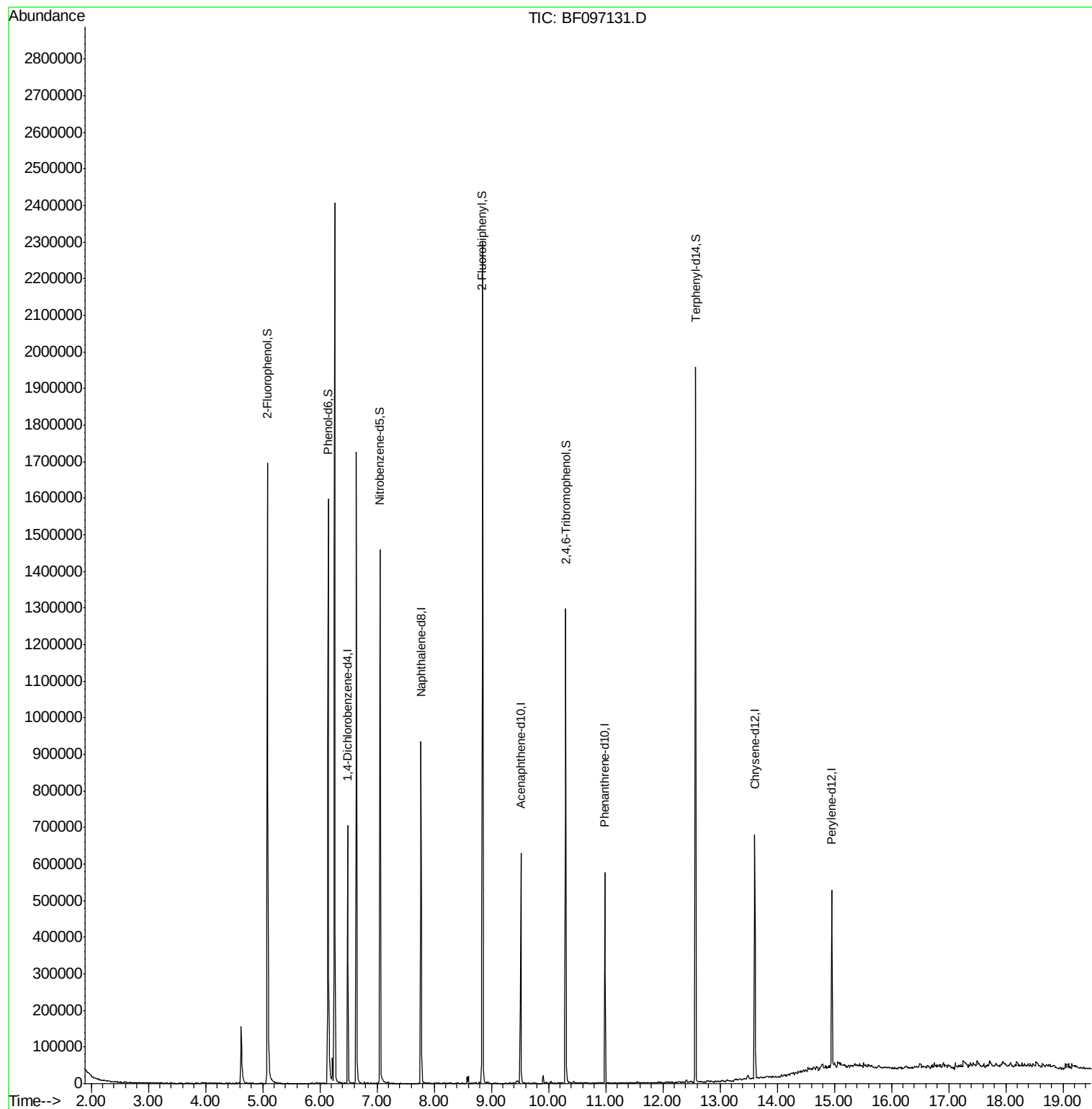
Target Compounds Qvalue

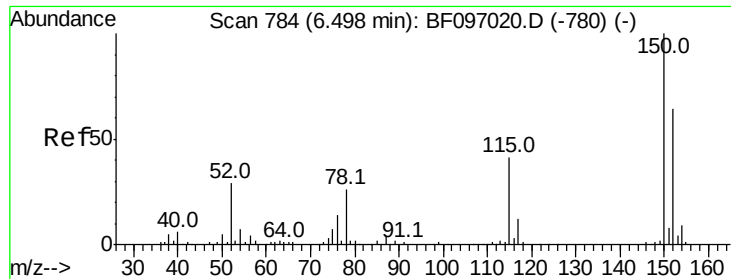
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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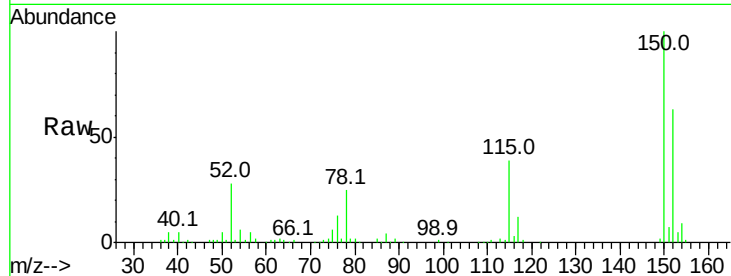


#1

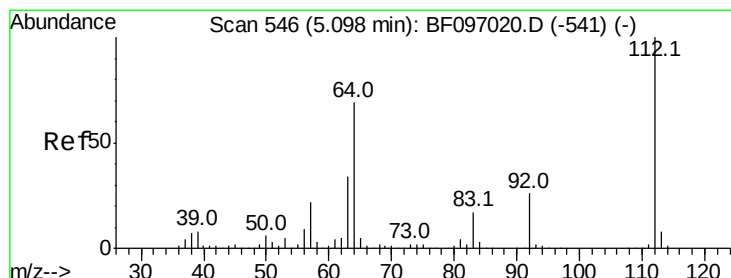
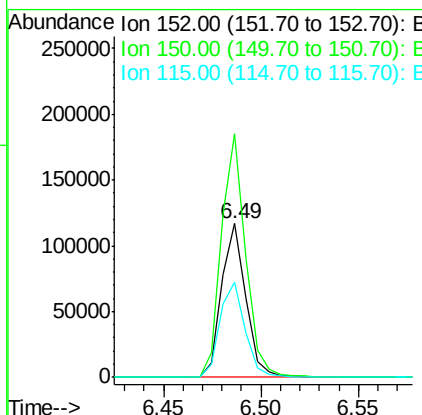
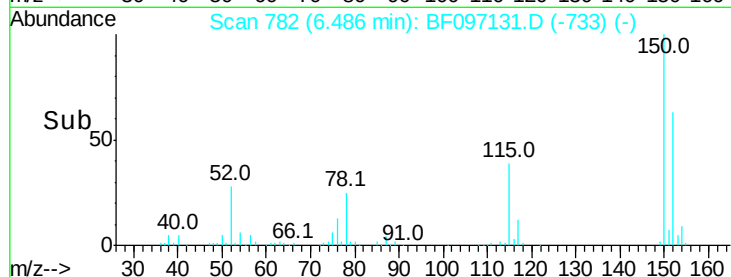
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097131.D
Acq: 27 Jul 2017 19:17

Instrument :
BNA_F
ClientSampleId :
MW-3-OLDWELL

Tot Ion:152 Resp: 100701
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 62.0 52.2 78.2



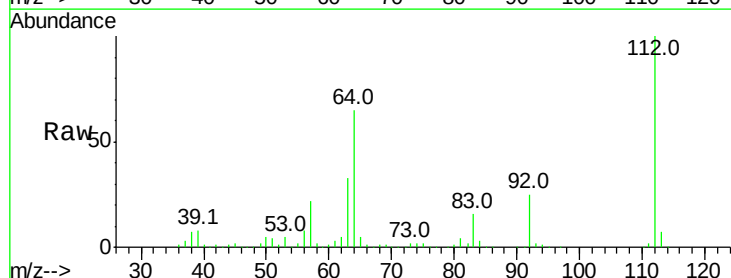
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



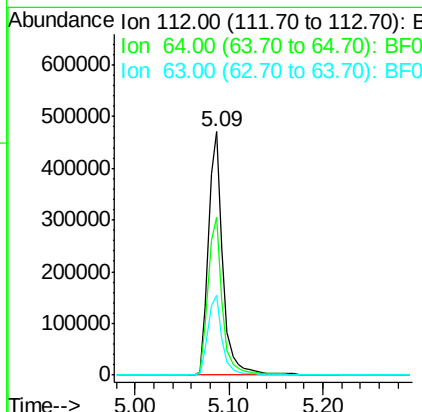
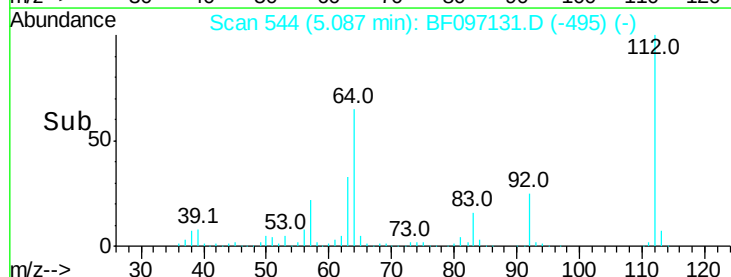
#5

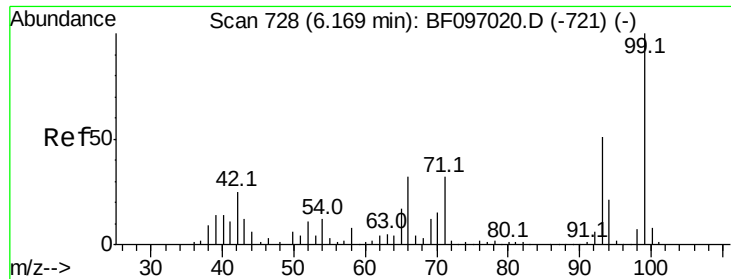
2-Fluorophenol
Concen: 76.647 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097131.D
Acq: 27 Jul 2017 19:17

Tgt Ion:112 Resp: 512009
Ion Ratio Lower Upper
112 100
64 65.0 46.0 69.0
63 32.9 23.4 35.0



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: 67.143 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097131.D

Acq: 27 Jul 2017 19:17

Instrument :

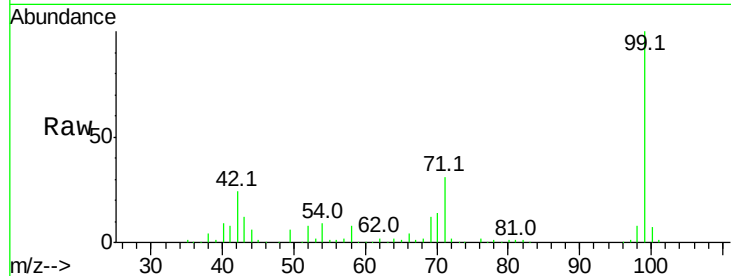
BNA_F

ClientSampleId :

MW-3-OLDWELL

Tot Ion: 99 Resp: 512034

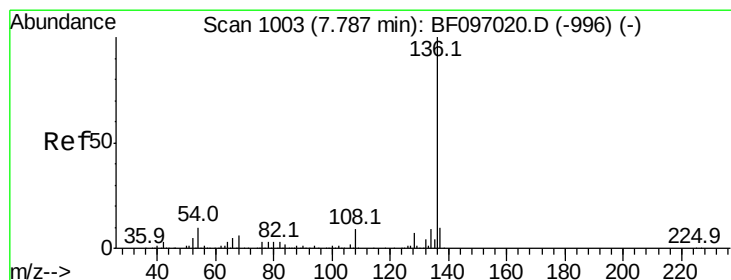
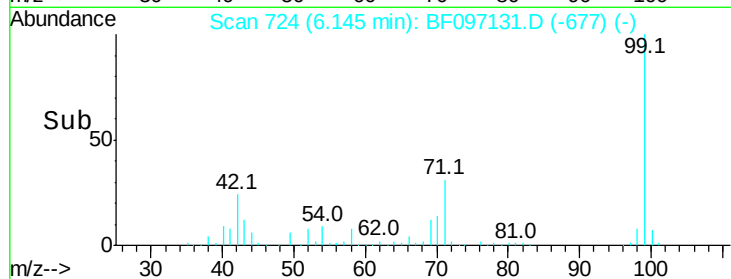
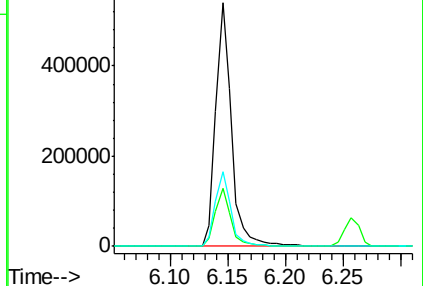
Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.5	20.3#
71	30.9	24.5	36.7



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: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097131.D

Acq: 27 Jul 2017 19:17

Tgt Ion: 136 Resp: 390560

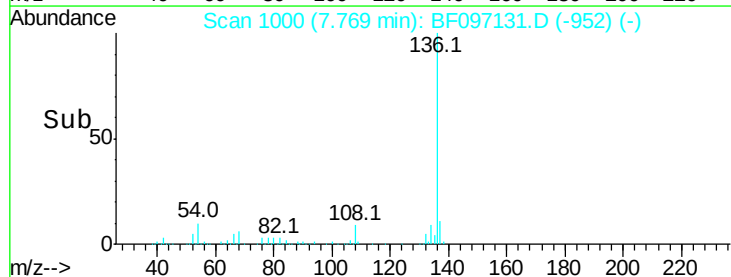
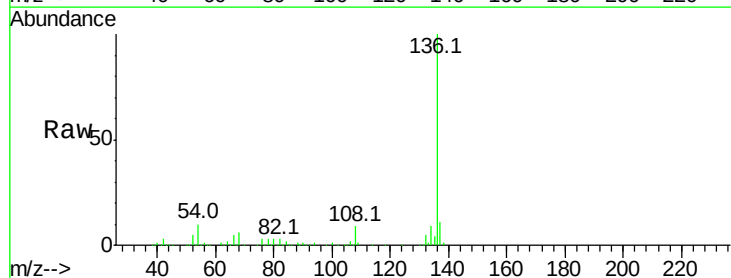
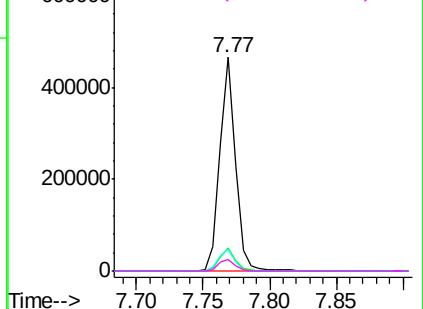
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.4	4.9	7.3#
68	5.6	4.1	6.1

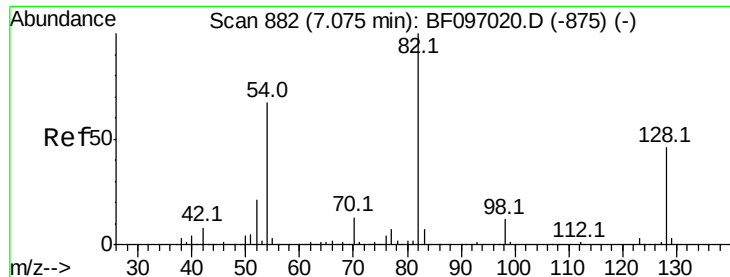
Abundance Ion 136.00 (135.70 to 136.70): E

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

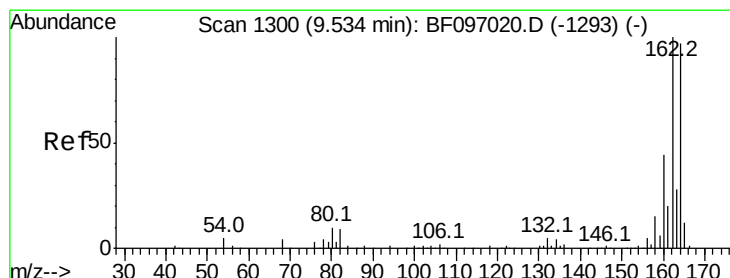
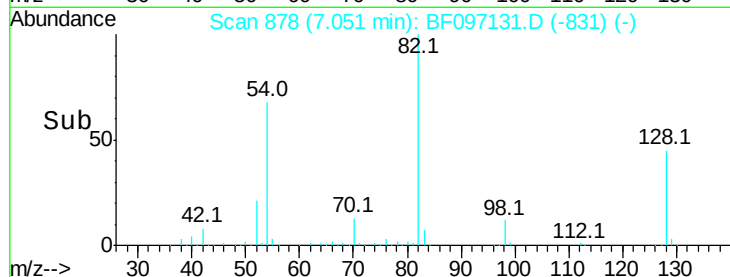
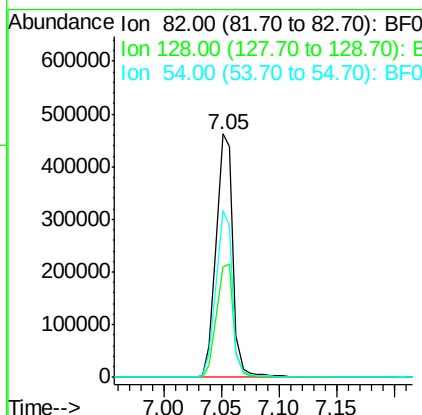
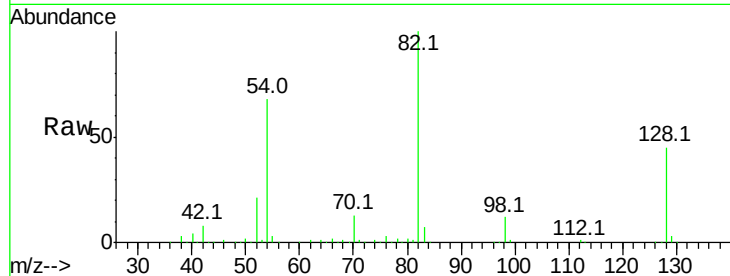




#23
Nitrobenzene-d5
Concen: 70.442 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097131.D
Acq: 27 Jul 2017 19:17

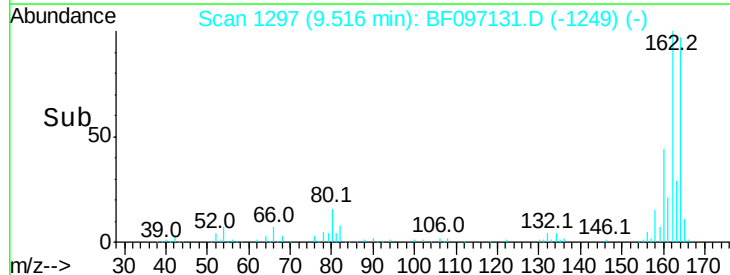
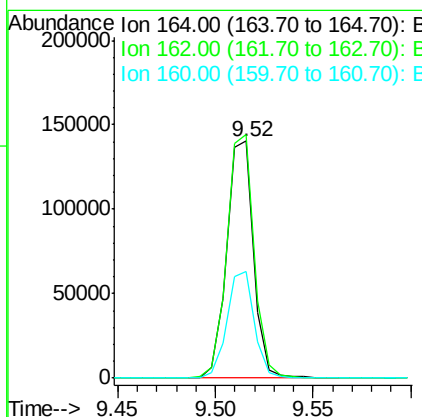
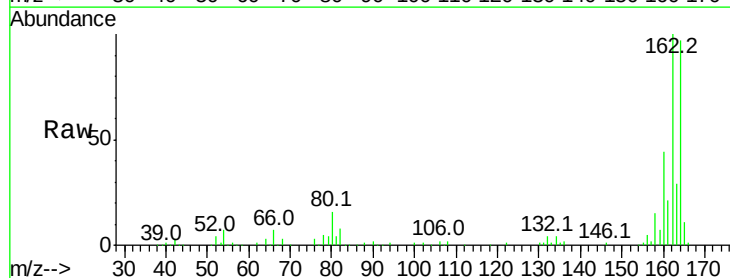
Instrument :
BNA_F
ClientSampleId :
MW-3-OLDWELL

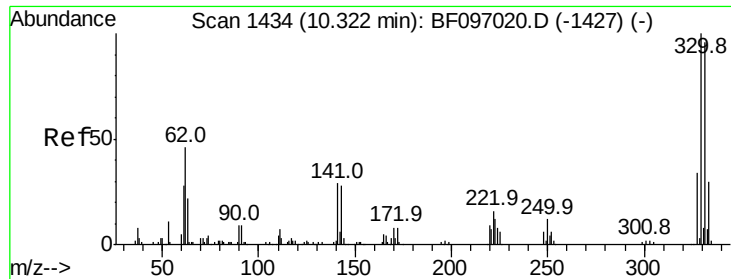
Tot Ion: 82 Resp: 468974
Ion Ratio Lower Upper
82 100
128 45.2 34.0 51.0
54 68.4 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097131.D
Acq: 27 Jul 2017 19:17

Tgt Ion:164 Resp: 133468
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 45.2 36.2 54.2

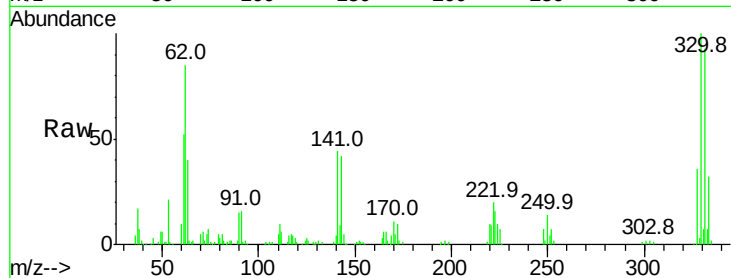




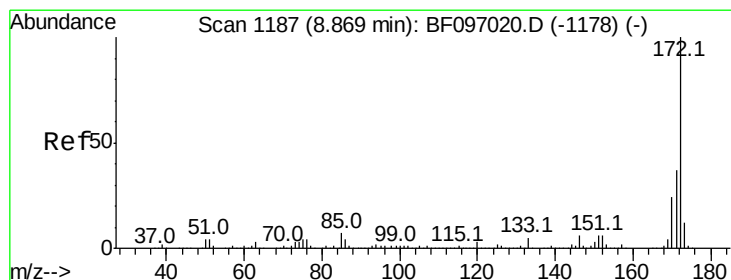
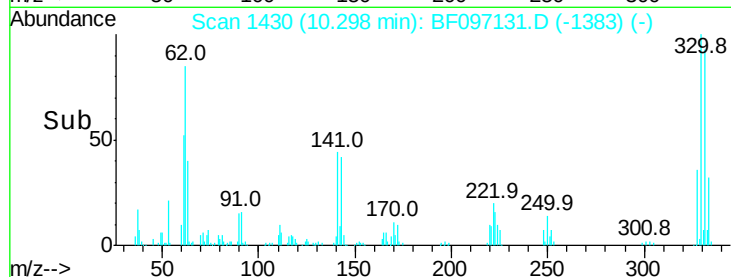
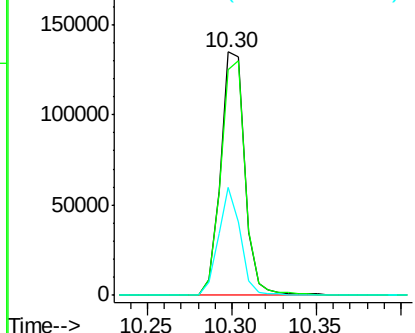
#41
 2,4,6-Tribromophenol
 Concen: 128.506 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097131.D
 Acq: 27 Jul 2017 19:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-OLDWELL

Tot Ion:330 Resp: 135513
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 40.2 31.4 47.2

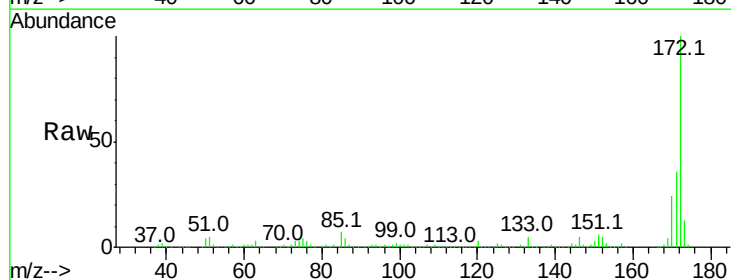


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

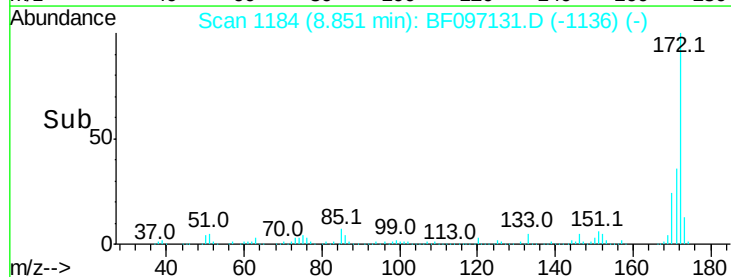
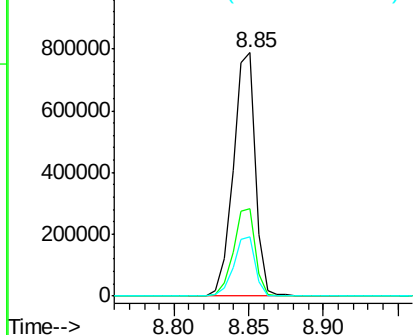


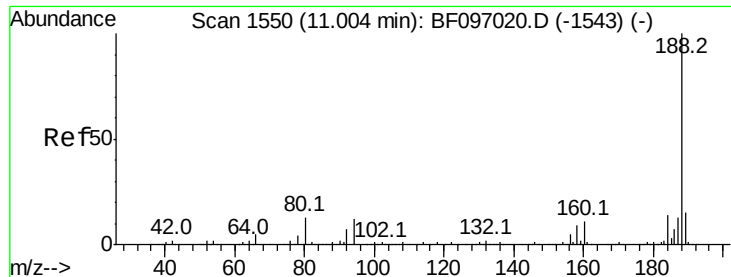
#44
 2-Fluorobiphenyl
 Concen: 104.472 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097131.D
 Acq: 27 Jul 2017 19:17

Tgt Ion:172 Resp: 821621
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.4 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

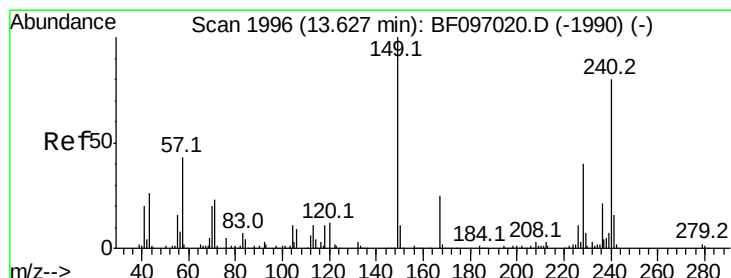
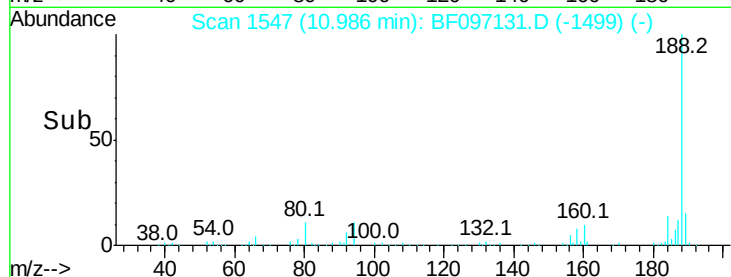
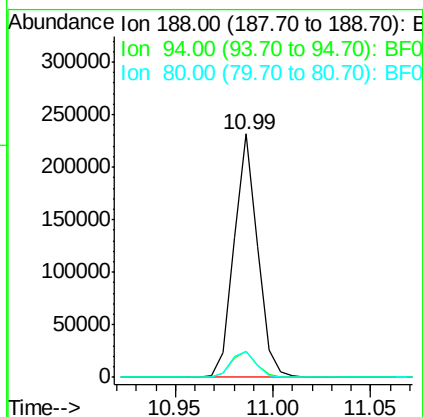
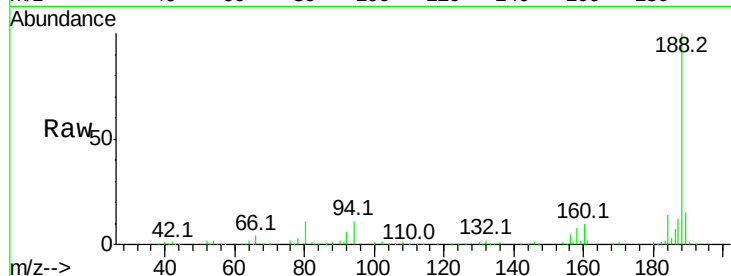




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097131.D
Acq: 27 Jul 2017 19:17

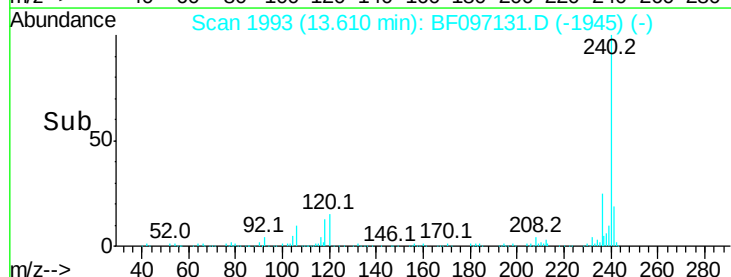
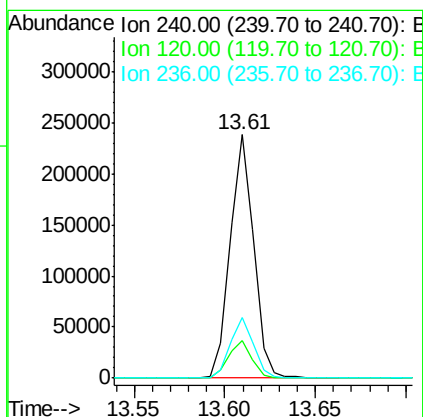
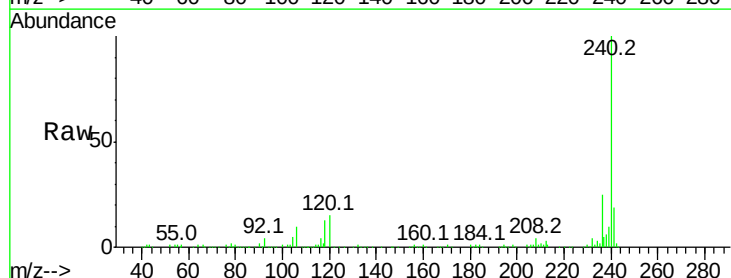
Instrument :
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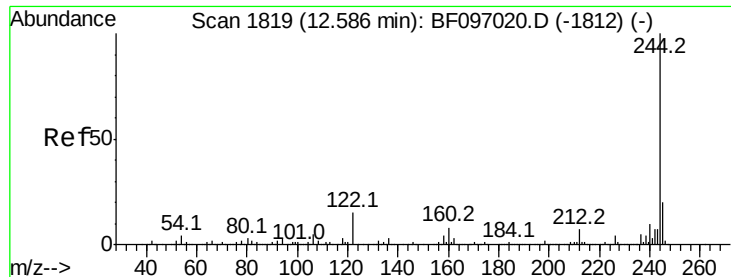
Tot Ion:188 Resp: 194043
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 10.8 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097131.D
Acq: 27 Jul 2017 19:17

Tgt Ion:240 Resp: 216292
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 25.0 20.5 30.7





#78

Terphenyl-d14

Concen: 57.647 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097131.D

Acq: 27 Jul 2017 19:17

Instrument :

BNA_F

ClientSampleId :

MW-3-OLDWELL

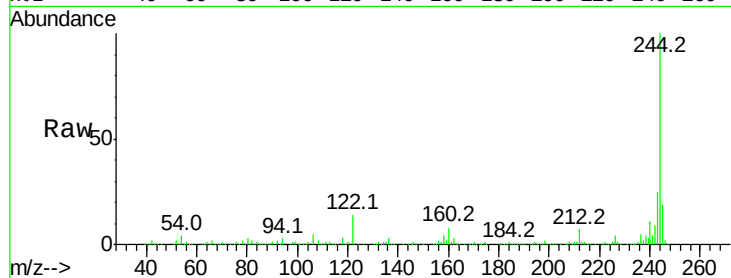
Tot Ion:244 Resp: 611548

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

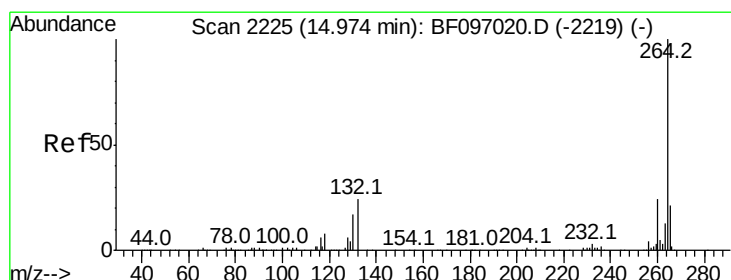
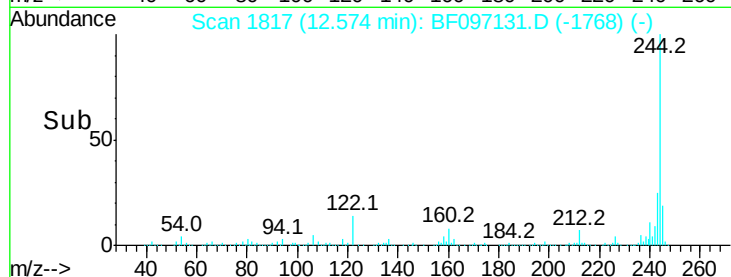
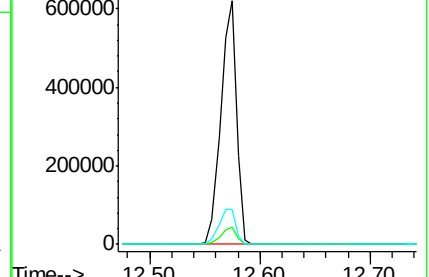
122 14.3 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 14.96 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF097131.D

Acq: 27 Jul 2017 19:17

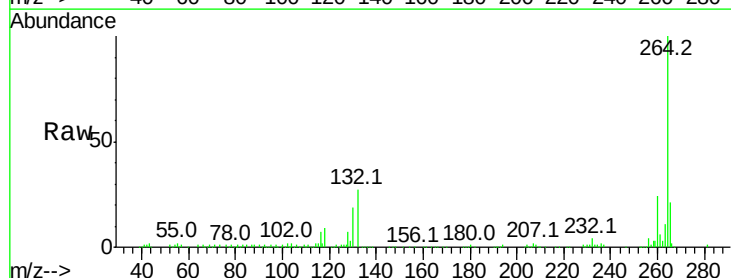
Tgt Ion:264 Resp: 179803

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.0 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

