

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097064.D
 Acq On : 26 Jul 2017 8:24
 Operator : SJ/JU
 Sample : I4399-06 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-NSW

Quant Time: Jul 26 08:46:55 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

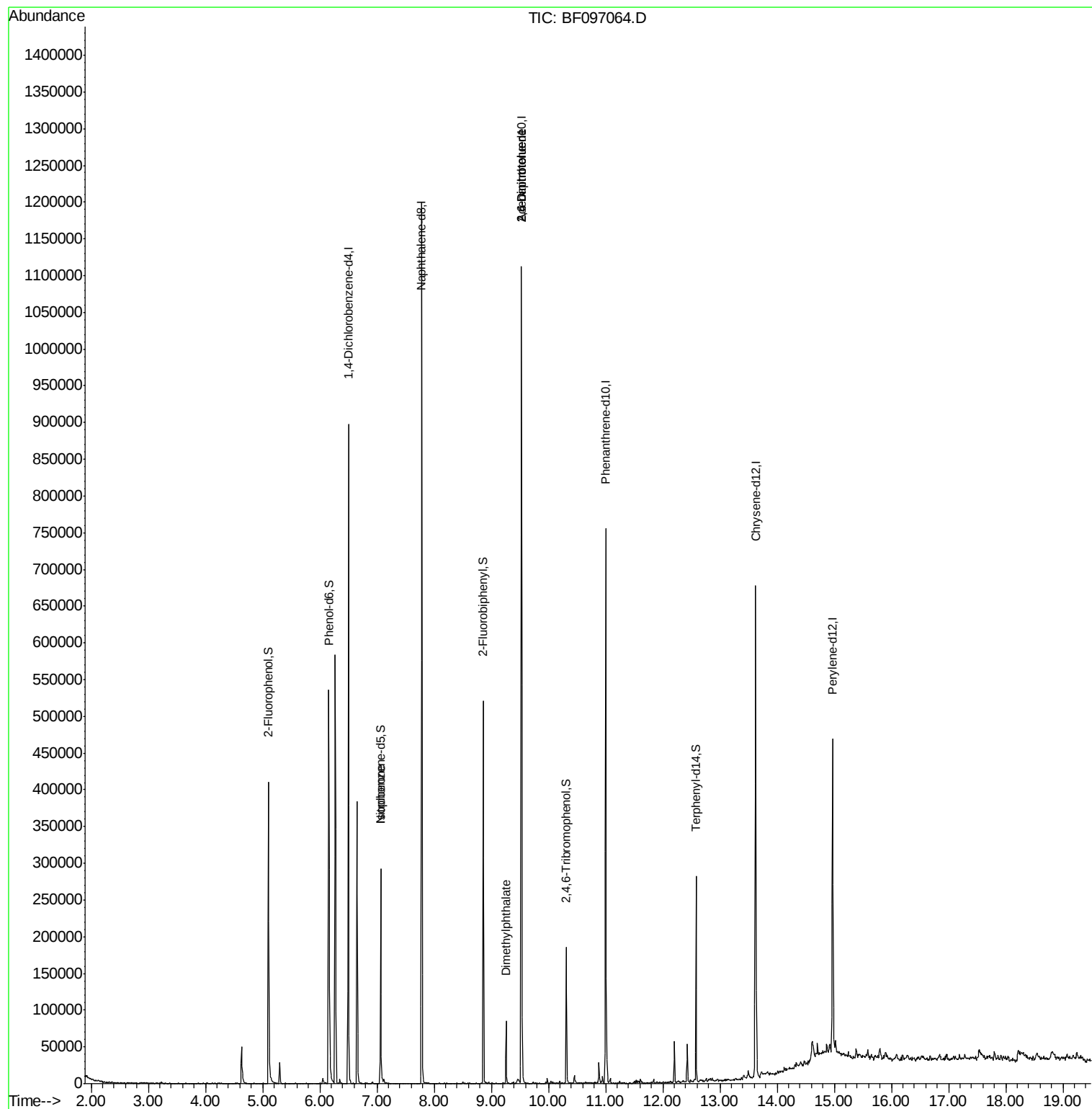
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	123308	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	517353	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	207577	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	265649	20.00	ng	0.00
75) Chrysene-d12	13.62	240	219003	20.00	ng	0.00
86) Perylene-d12	14.97	264	174342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	137154	16.77	ng	0.00
7) Phenol-d6	6.16	99	181773	19.47	ng	-0.01
23) Nitrobenzene-d5	7.06	82	84204	9.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	19119	11.66	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	143354	11.72	ng	-0.01
78) Terphenyl-d14	12.58	244	77432	7.21	ng	0.00
Target Compounds						
25) Isophorone	7.06	82	84203	4.88	ng	# 67
49) Dimethylphthalate	9.26	163	31951	2.03	ng	99
50) 2,6-Dinitrotoluene	9.53	165	26483	7.92	ng	# 33
56) 2,4-Dinitrotoluene	9.53	165	26483	6.89	ng	# 33

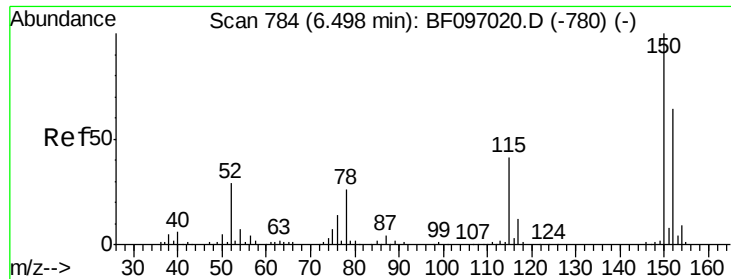
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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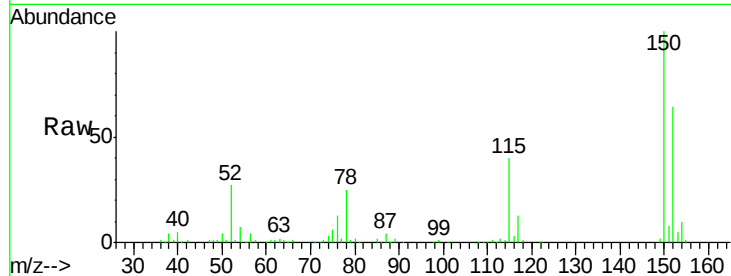


#1

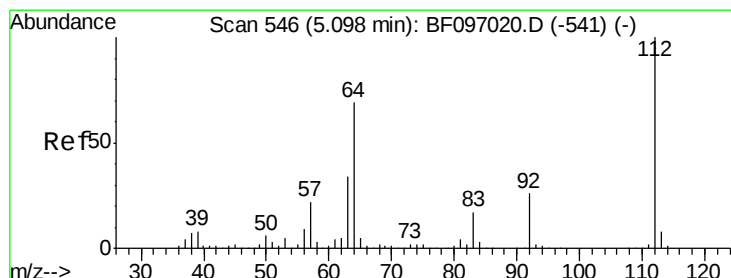
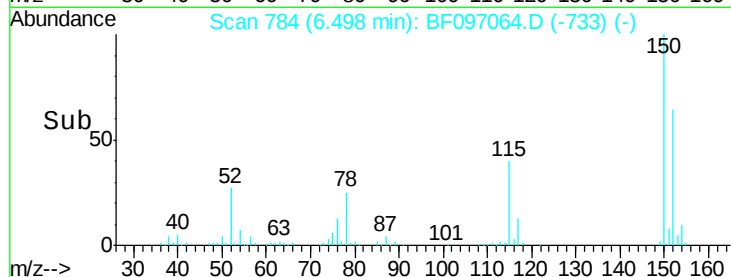
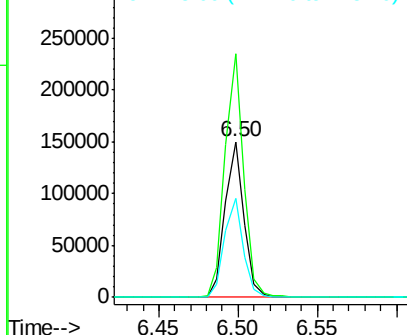
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097064.D
Acq: 26 Jul 2017 8:24

Instrument :
BNA_F
ClientSampleId :
E2-HS4-NSW

Tot Ion:152 Resp: 123308
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 63.3 52.2 78.2



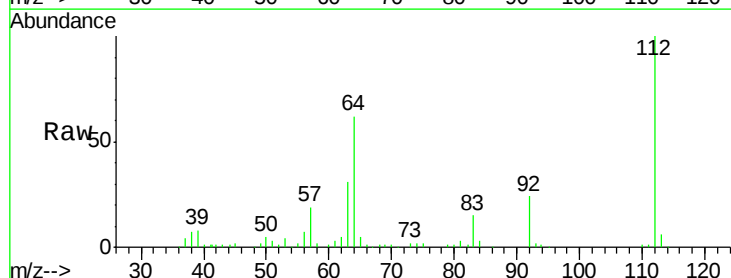
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



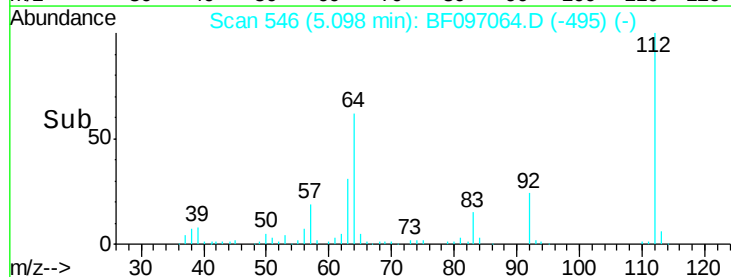
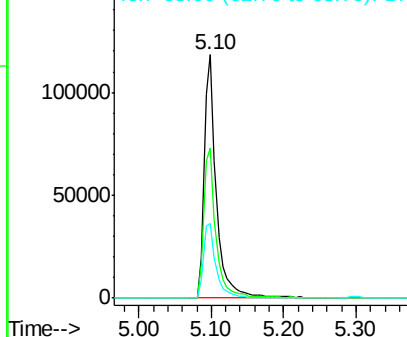
#5

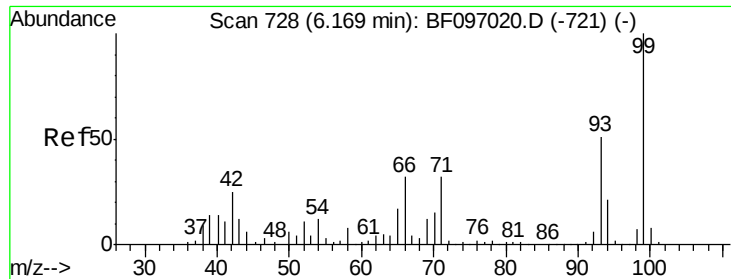
2-Fluorophenol
Concen: 16.77 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097064.D
Acq: 26 Jul 2017 8:24

Tgt Ion:112 Resp: 137154
Ion Ratio Lower Upper
112 100
64 61.9 46.0 69.0
63 30.8 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: 19.47 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097064.D

Acq: 26 Jul 2017 8:24

Instrument :

BNA_F

ClientSampleId :

E2-HS4-NSW

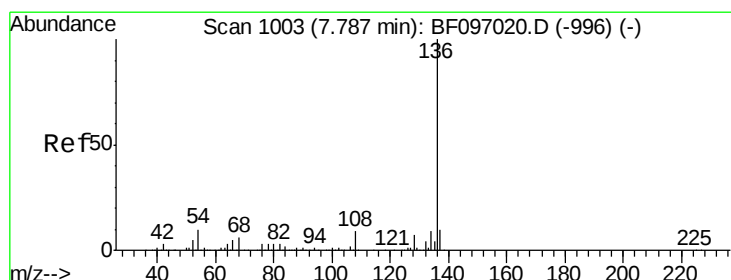
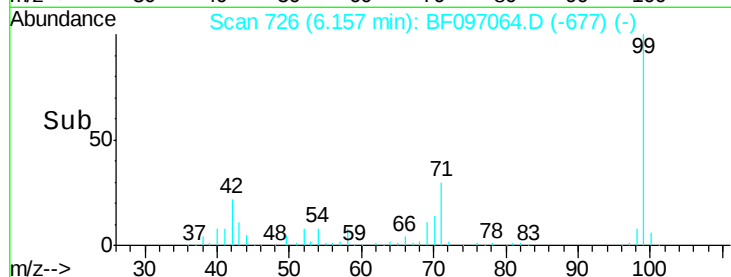
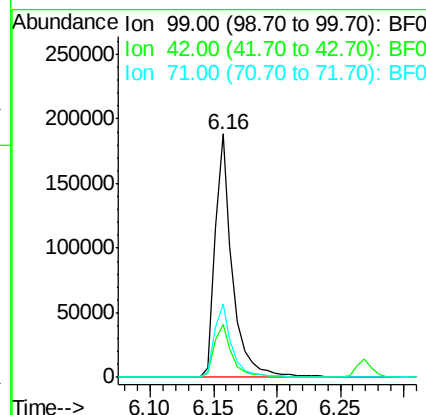
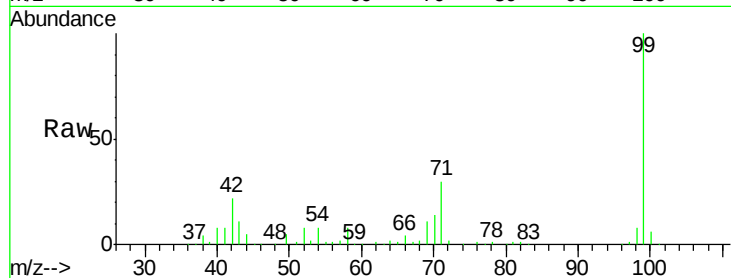
Tot Ion: 99 Resp: 181773

Ion Ratio Lower Upper

99 100

42 21.9 13.5 20.3#

71 30.2 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097064.D

Acq: 26 Jul 2017 8:24

Tgt Ion: 136 Resp: 517353

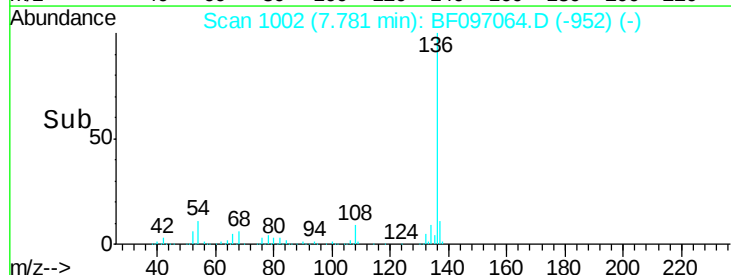
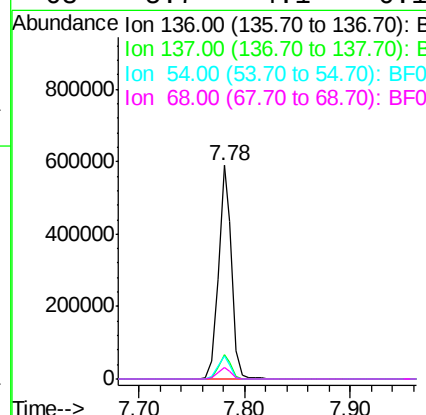
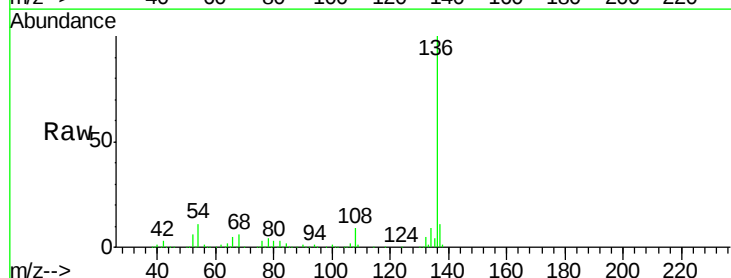
Ion Ratio Lower Upper

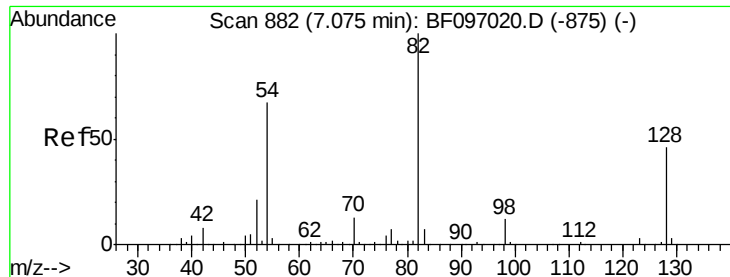
136 100

137 11.4 8.5 12.7

54 10.9 4.9 7.3#

68 5.7 4.1 6.1

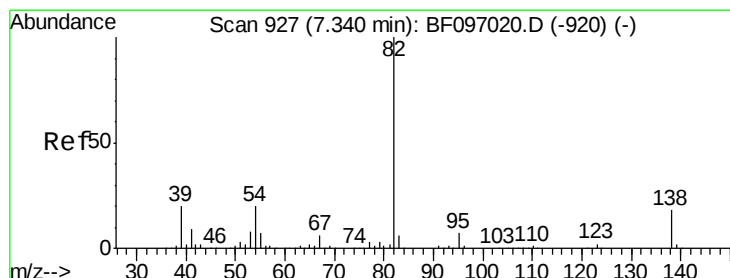
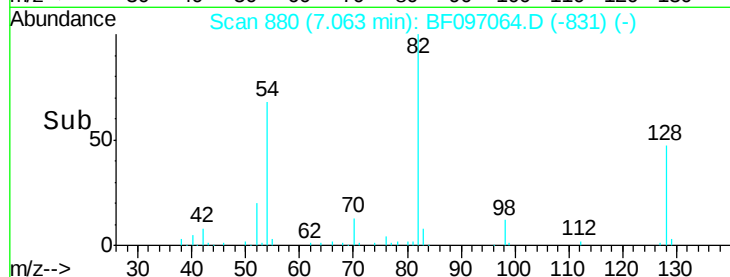
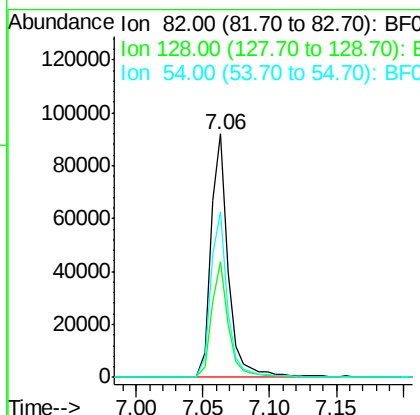
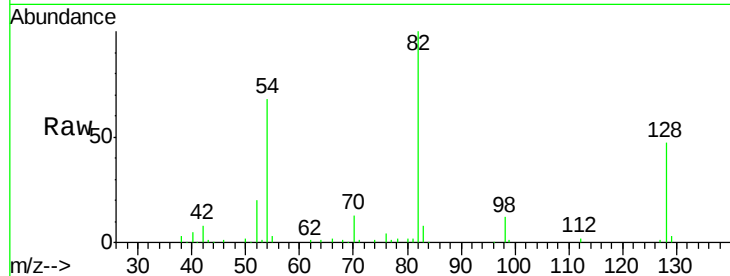




#23
 Nitrobenzene-d5
 Concen: 9.55 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF097064.D
 Acq: 26 Jul 2017 8:24

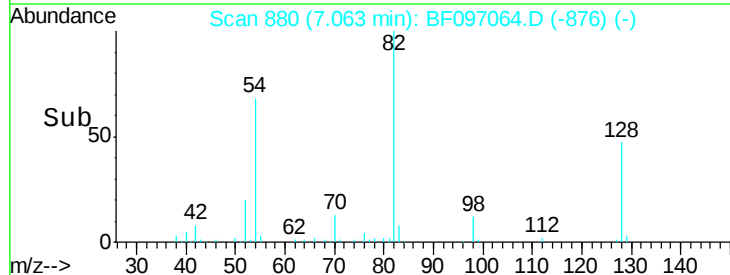
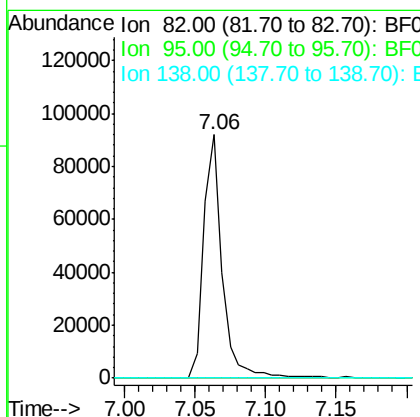
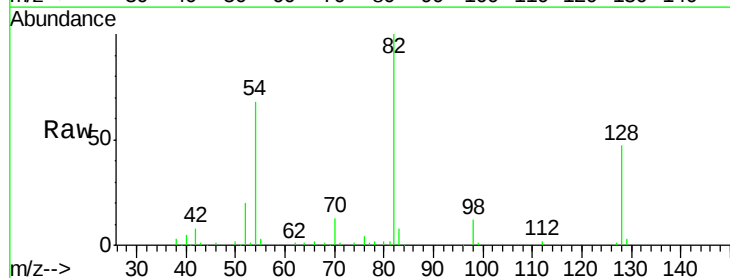
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-NSW

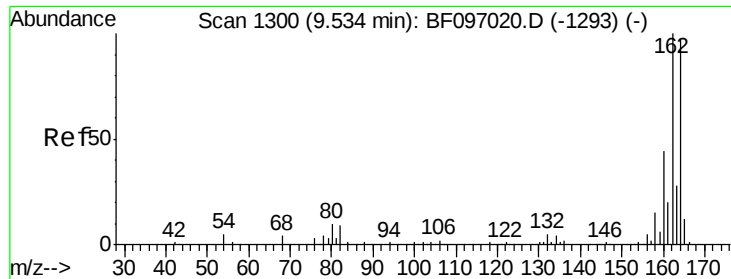
Tot Ion	82	Resp	84204
Ion Ratio	Lower	Upper	
82	100		
128	47.2	34.0	51.0
54	67.8	42.2	63.2#



#25
 Isophorone
 Concen: 4.88 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF097064.D
 Acq: 26 Jul 2017 8:24

Tgt Ion	82	Resp	84203
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097064.D

Acq: 26 Jul 2017 8:24

Instrument :

BNA_F

ClientSampleId :

E2-HS4-NSW

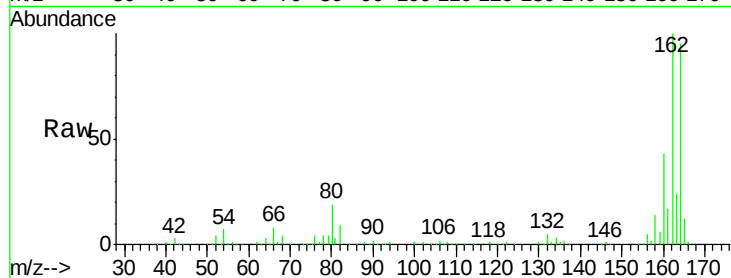
Tot Ion:164 Resp: 207577

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

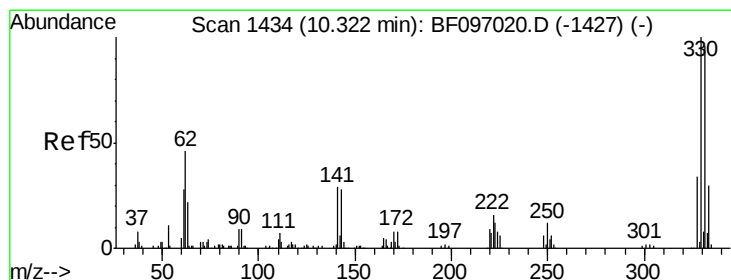
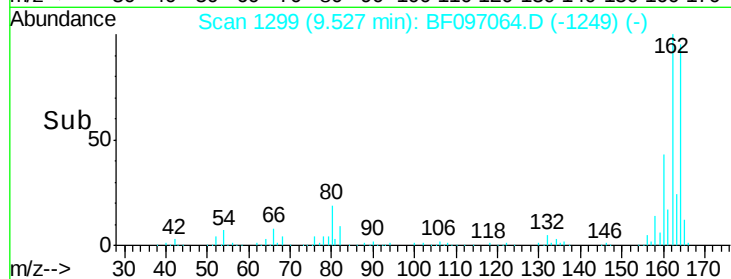
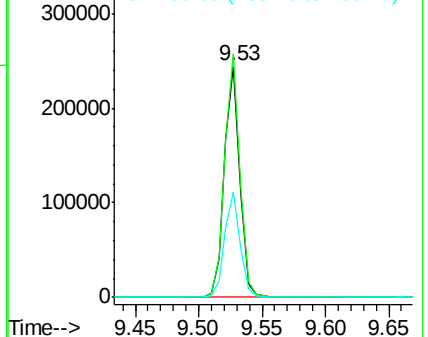
160 45.6 36.2 54.2



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: 11.66 ng

RT: 10.31 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF097064.D

Acq: 26 Jul 2017 8:24

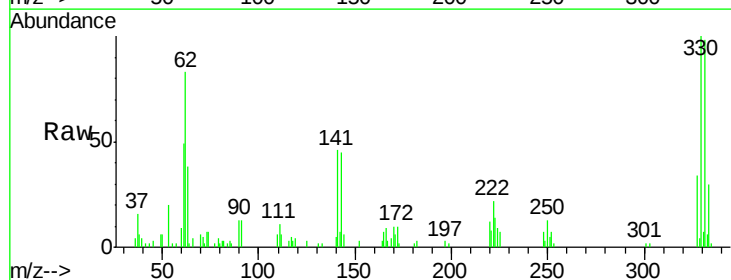
Tgt Ion:330 Resp: 19119

Ion Ratio Lower Upper

330 100

332 94.4 76.6 115.0

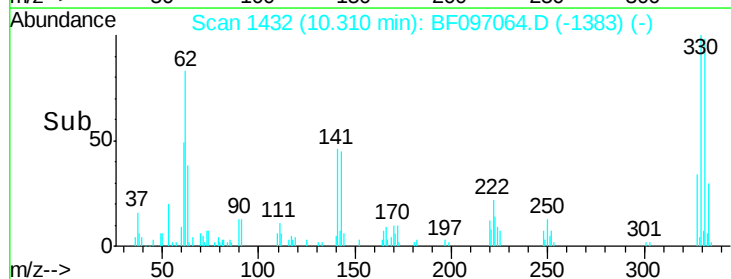
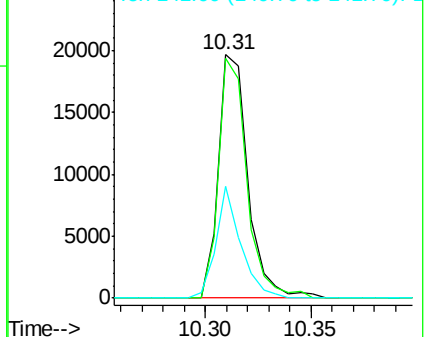
141 38.8 31.4 47.2

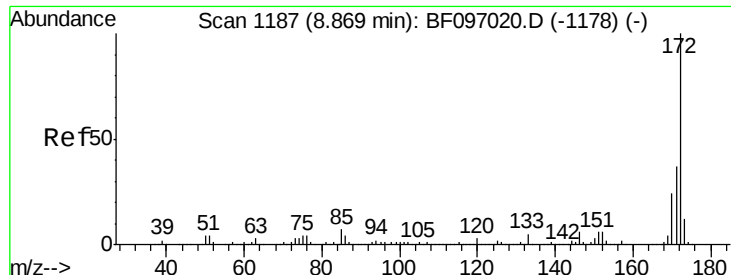


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

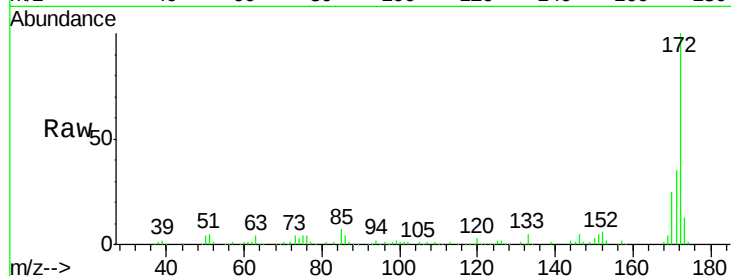




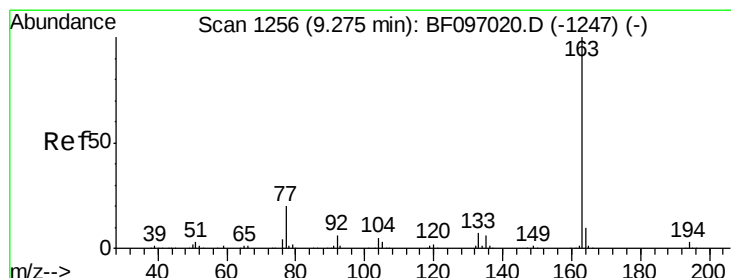
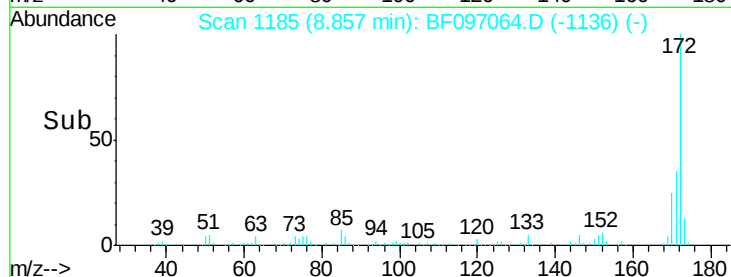
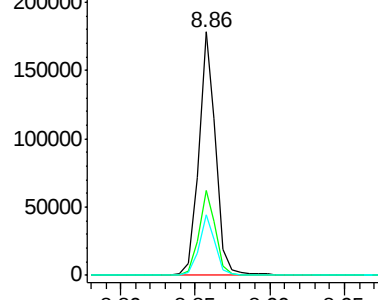
#44
2-Fluorobiphenyl
Concen: 11.72 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097064.D
Acq: 26 Jul 2017 8:24

Instrument :
BNA_F
ClientSampleId :
E2-HS4-NSW

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	24.9	19.8	29.8

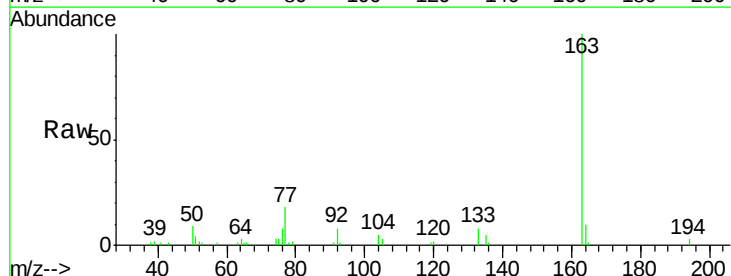


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

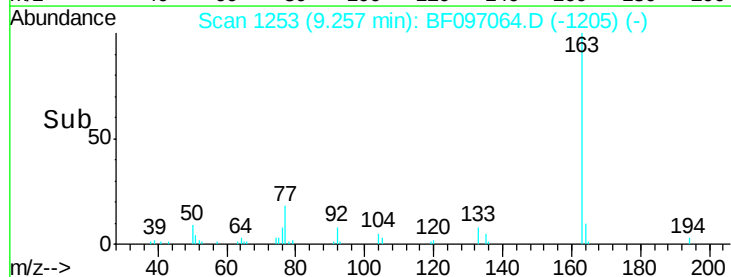
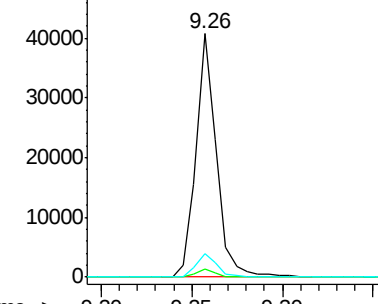


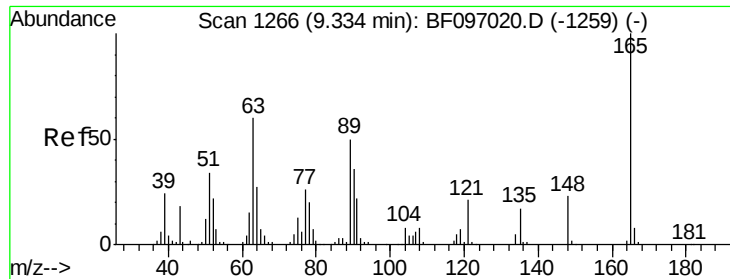
#49
Dimethylphthalate
Concen: 2.03 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097064.D
Acq: 26 Jul 2017 8:24

Tgt 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

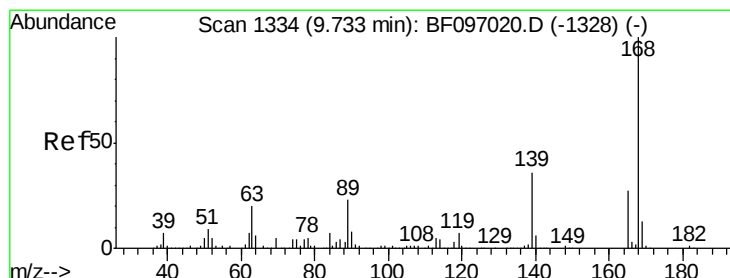
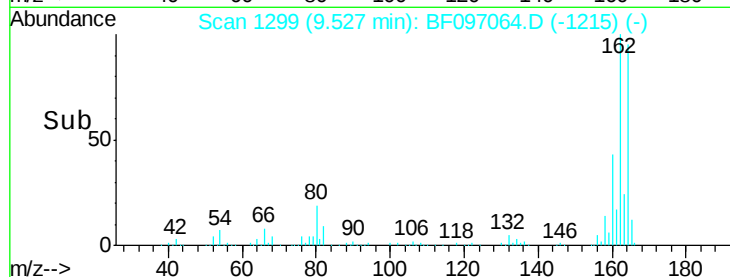
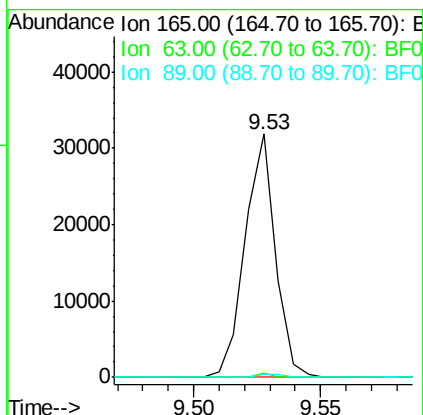
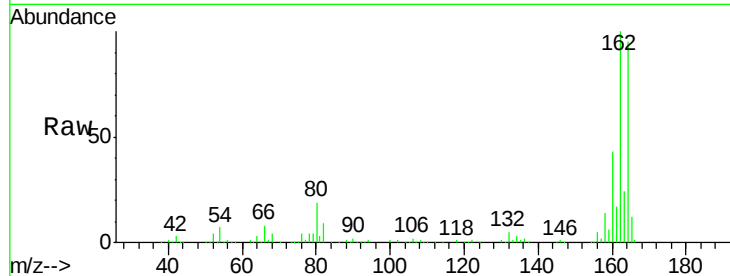




#50
 2,6-Dinitrotoluene
 Concen: 7.92 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF097064.D
 Acq: 26 Jul 2017 8:24

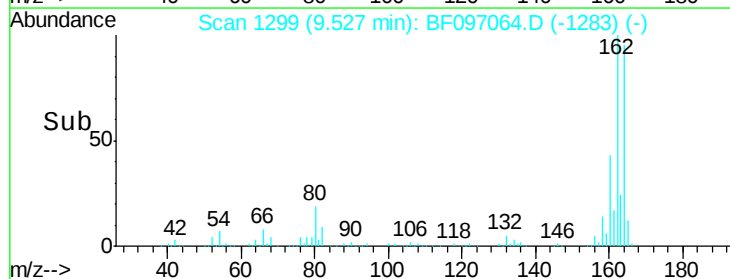
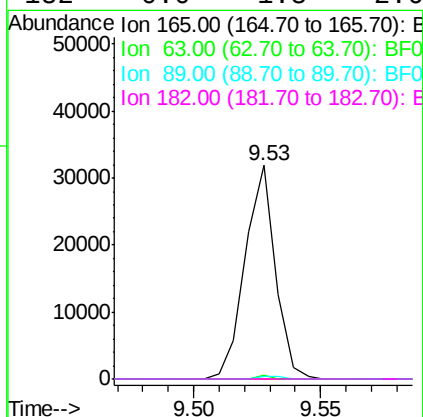
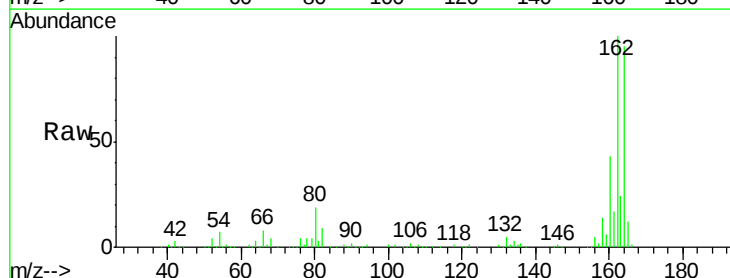
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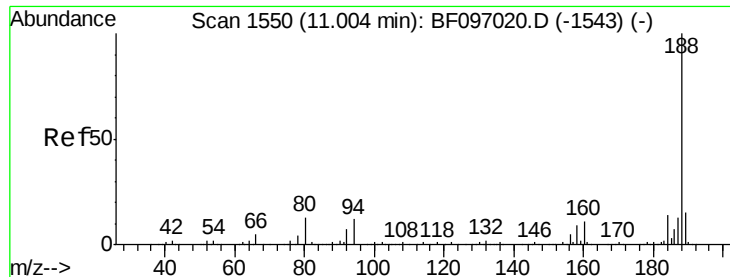
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.89 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF097064.D
 Acq: 26 Jul 2017 8:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.0	46.4	69.6#
182	0.0	1.8	2.6#

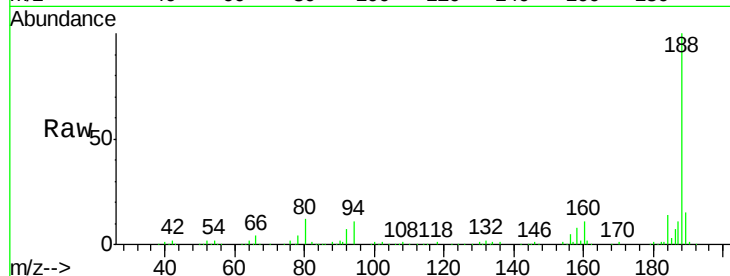




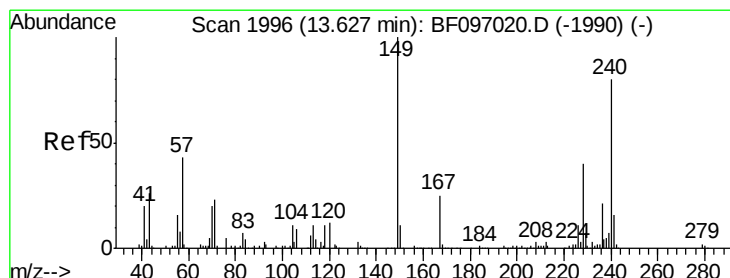
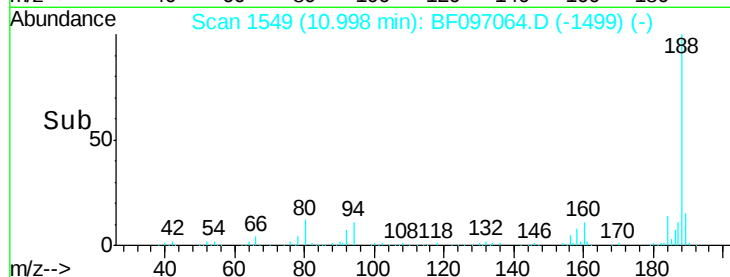
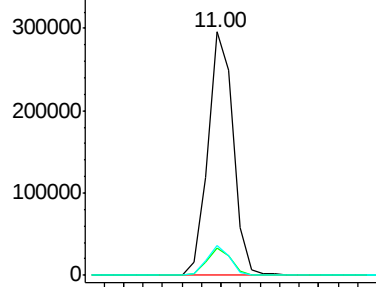
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097064.D
Acq: 26 Jul 2017 8:24

Instrument :
BNA_F
ClientSampleId :
E2-HS4-NSW

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	12.0	10.2	15.2

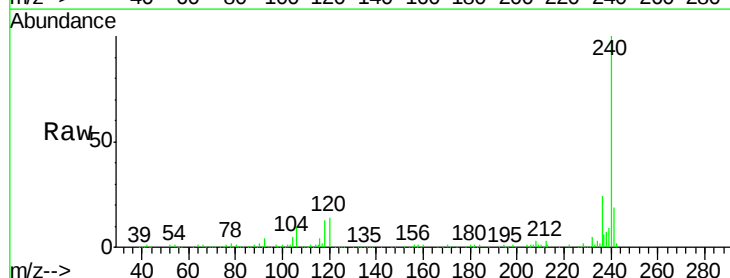


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

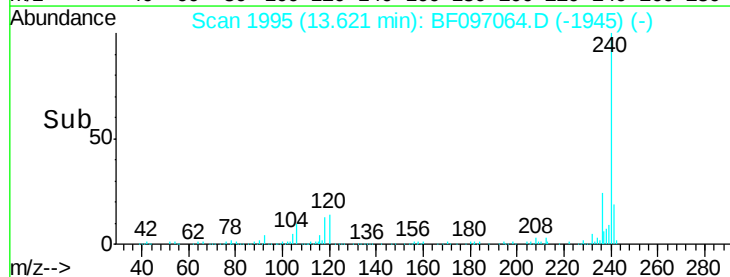
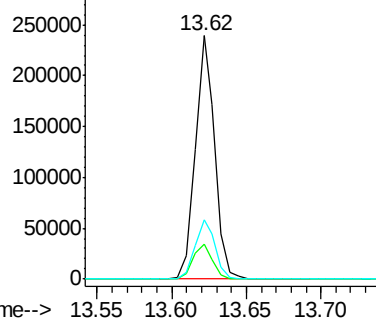


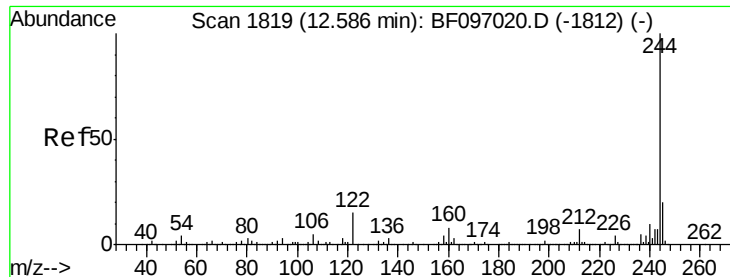
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097064.D
Acq: 26 Jul 2017 8:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	24.3	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

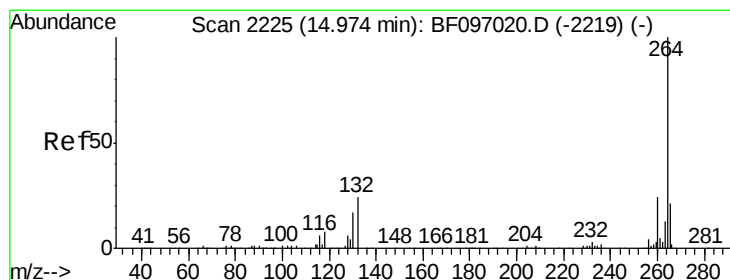
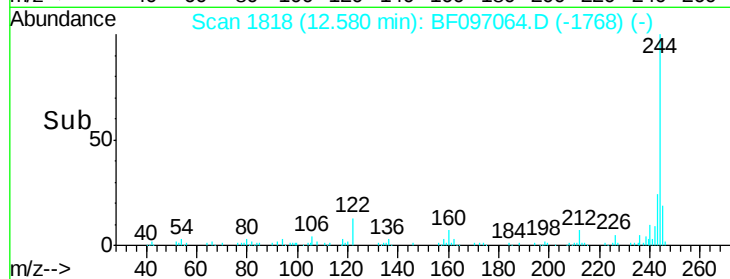
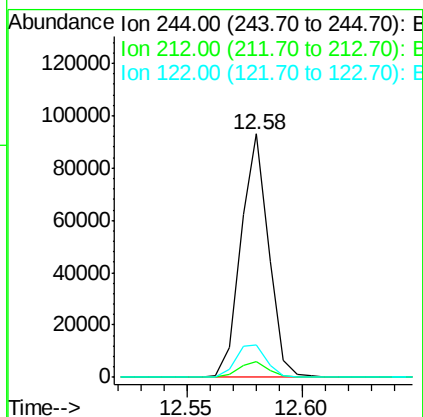
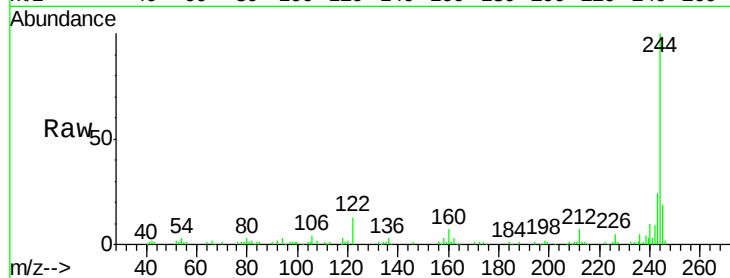




#78
 Terphenyl-d14
 Concen: 7.21 ng
 RT: 12.58 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF097064.D
 Acq: 26 Jul 2017 8:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-NSW

Tot Ion:244 Resp: 77432
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 13.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097064.D
 Acq: 26 Jul 2017 8:24

Tgt Ion:264 Resp: 174342
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 20.9 17.2 25.8

