

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097697.D
 Acq On : 15 Aug 2017 18:06
 Operator : SJ/JU
 Sample : I4754-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL-MATERIAL-COMP

Quant Time: Aug 16 04:40:29 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

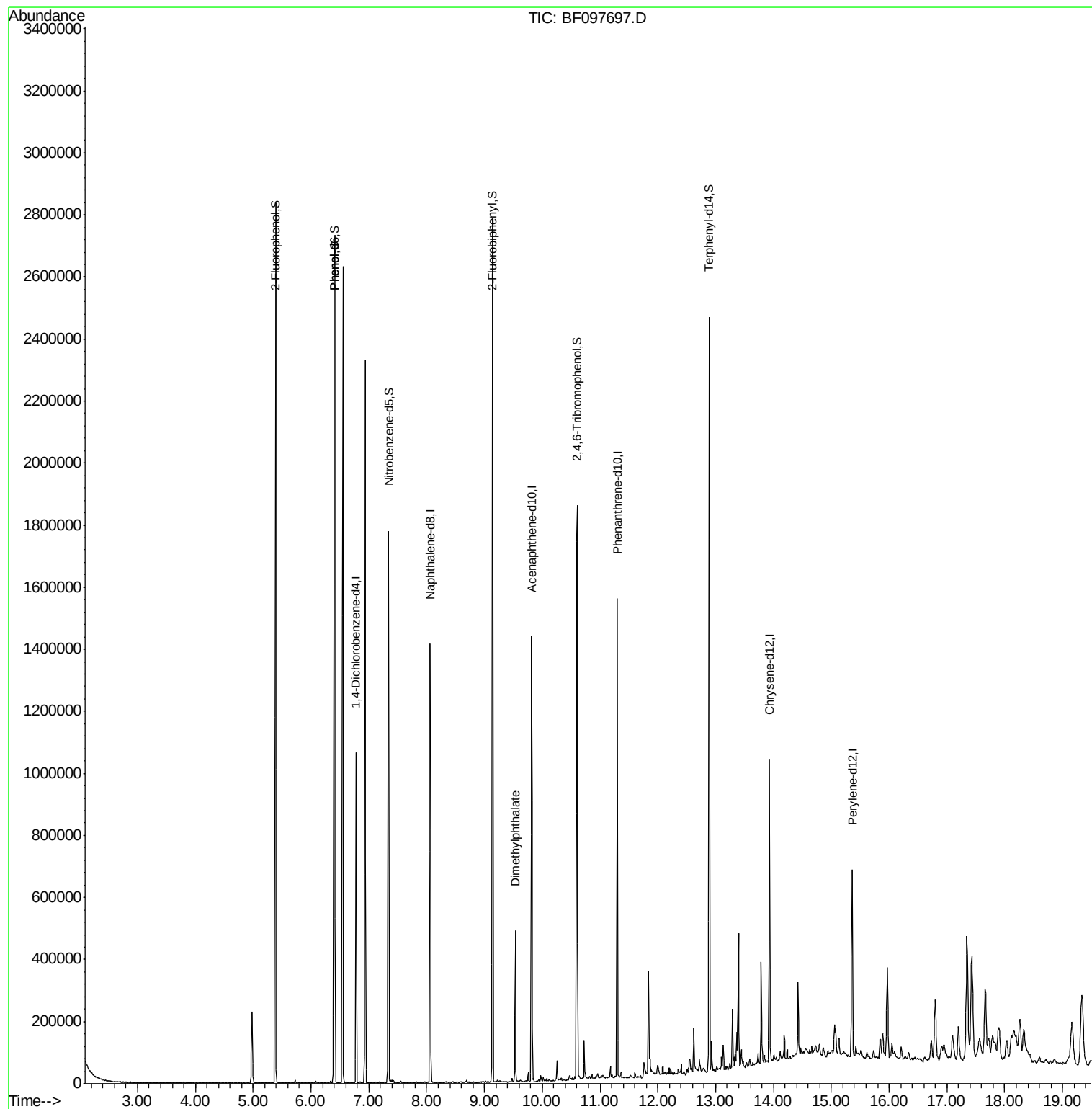
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	131467	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	541188	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	250219	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	497565	20.00	ng	0.00
75) Chrysene-d12	13.93	240	336333	20.00	ng	0.00
86) Perylene-d12	15.36	264	258654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	776646	89.86	ng	0.00
7) Phenol-d6	6.41	99	1084713	92.37	ng	0.00
23) Nitrobenzene-d5	7.35	82	649069	65.15	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	207853	95.74	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	845586	49.65	ng	0.00
78) Terphenyl-d14	12.89	244	715690	44.37	ng	0.00
Target Compounds						
10) Phenol	6.42	94	37179	2.707	ng	97
49) Dimethylphthalate	9.53	163	152899	8.360	ng	99

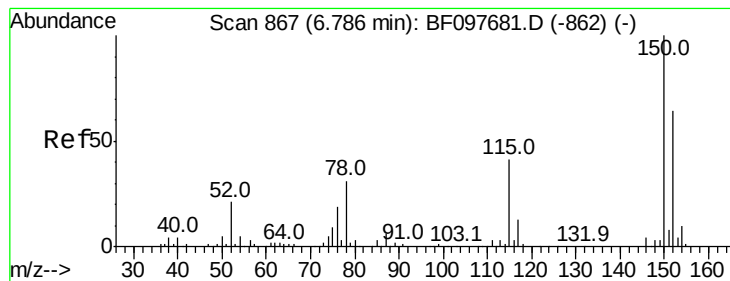
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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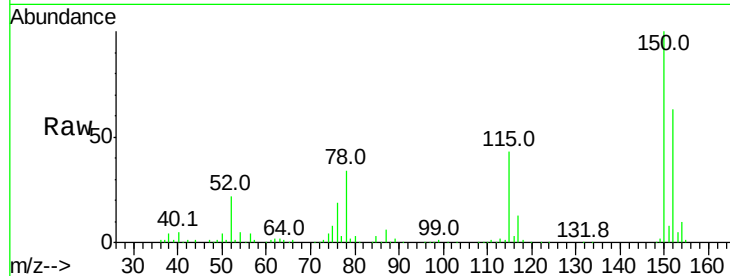


#1

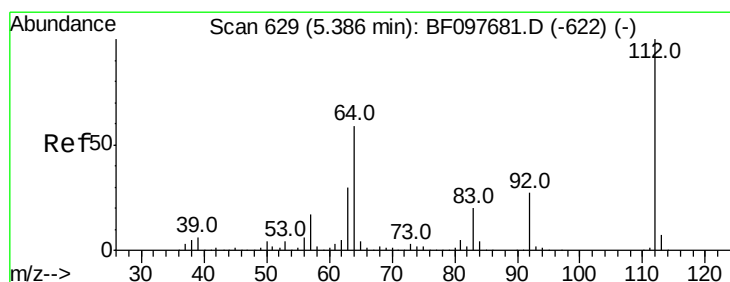
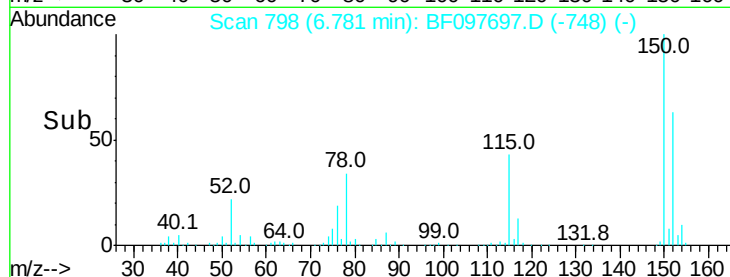
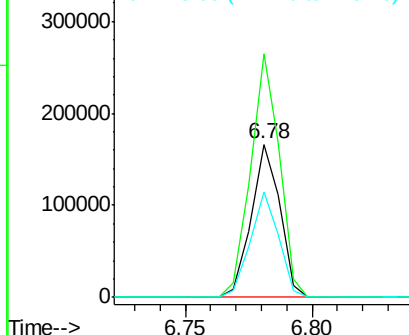
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097697.D
Acq: 15 Aug 2017 18:06

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-MATERIAL-COMP

Tot Ion:152 Resp: 131467
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 68.6 52.2 78.2



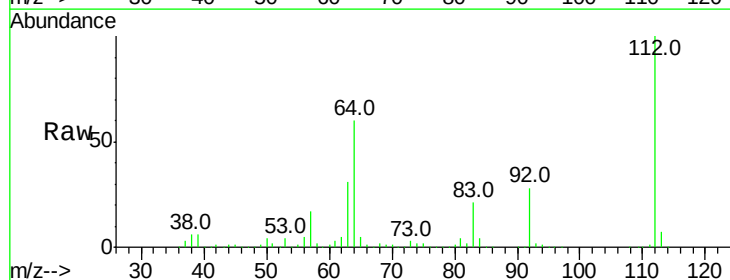
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



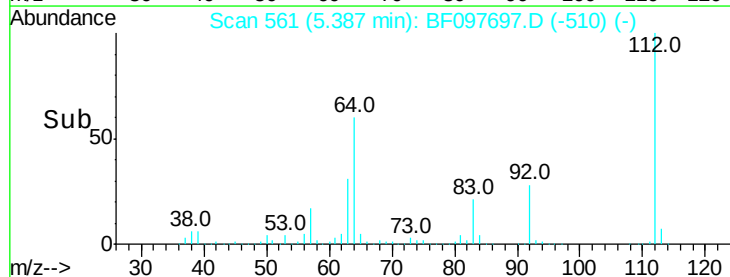
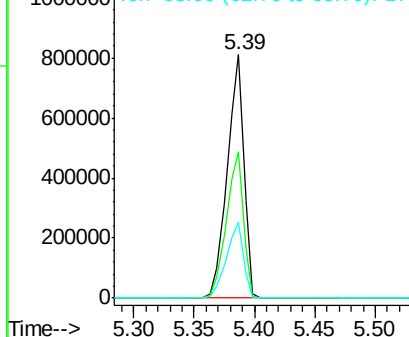
#5

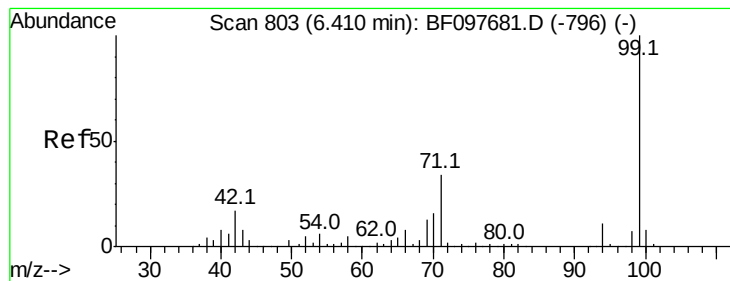
2-Fluorophenol
Concen: 89.858 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097697.D
Acq: 15 Aug 2017 18:06

Tgt Ion:112 Resp: 776646
Ion Ratio Lower Upper
112 100
64 60.1 46.0 69.0
63 31.2 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: 92.368 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097697.D

Acq: 15 Aug 2017 18:06

Instrument :

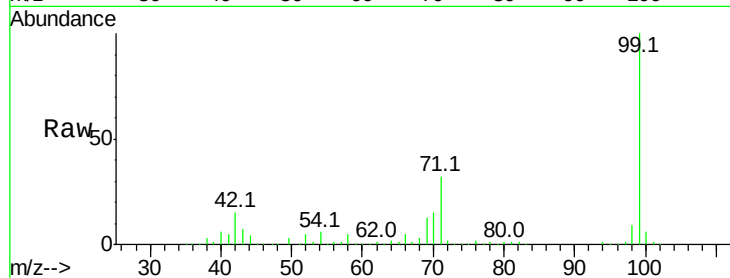
BNA_F

ClientSampleId :

TOPSOIL-MATERIAL-COMP

Tot Ion: 99 Resp: 1084713

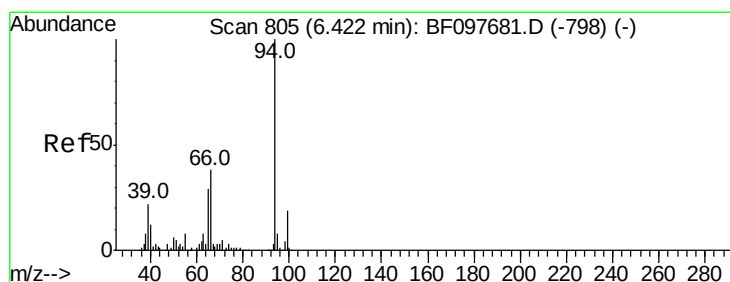
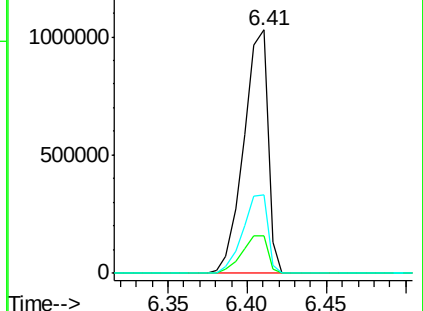
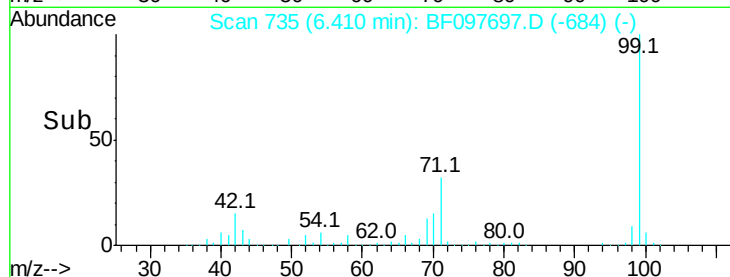
Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	32.2	24.5	36.7



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



#10

Phenol

Concen: 2.707 ng

RT: 6.42 min Scan# 736

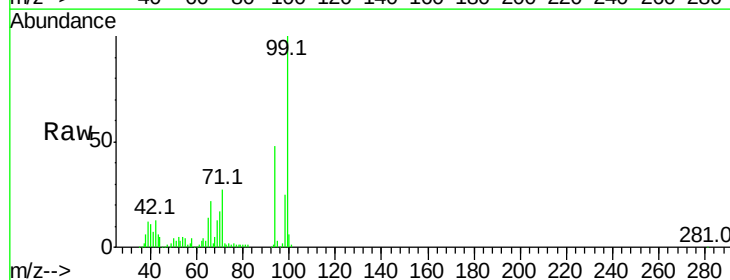
Delta R.T. -0.01 min

Lab File: BF097697.D

Acq: 15 Aug 2017 18:06

Tgt Ion: 94 Resp: 37179

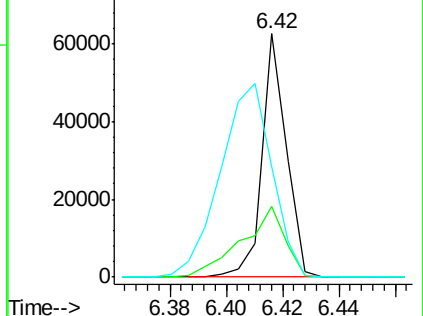
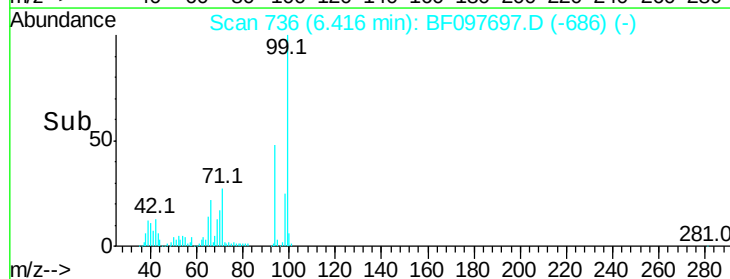
Ion	Ratio	Lower	Upper
94	100		
65	29.3	9.9	49.9
66	45.4	23.1	63.1

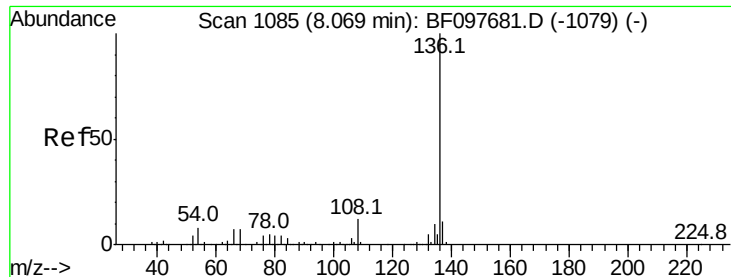


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

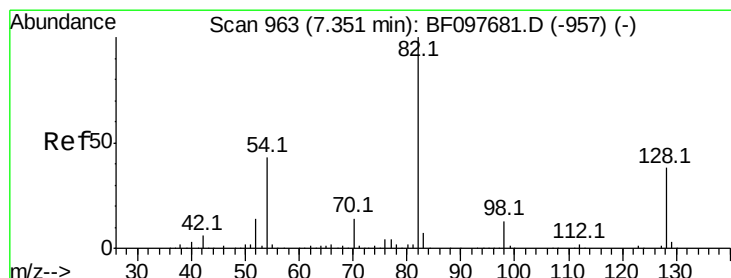
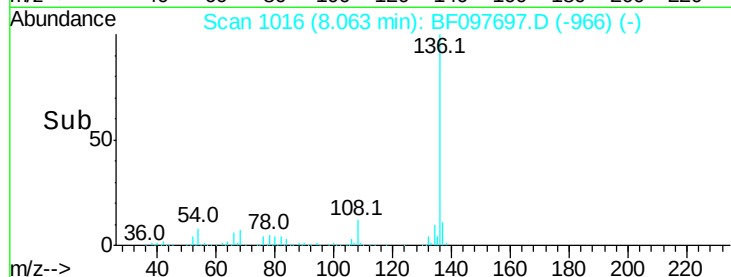
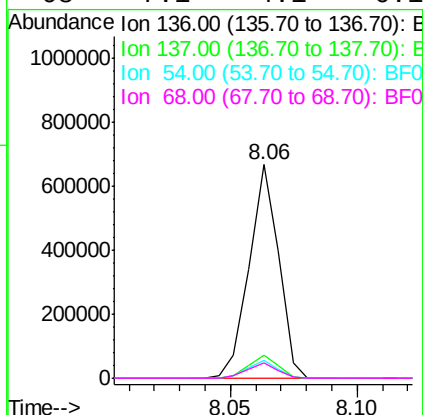
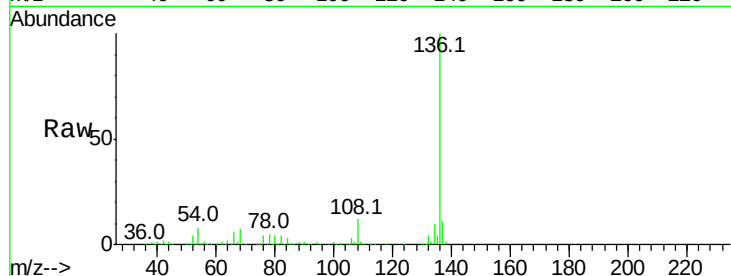




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097697.D
Acq: 15 Aug 2017 18:06

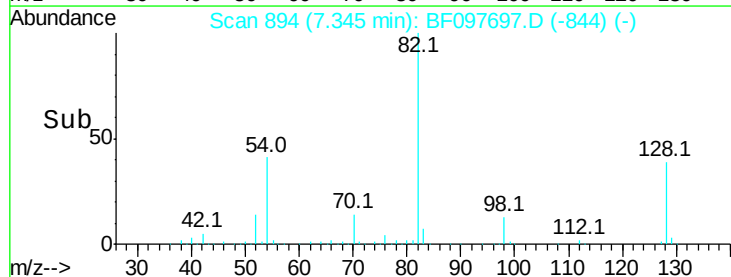
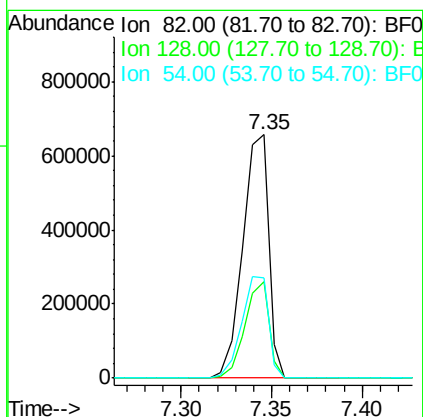
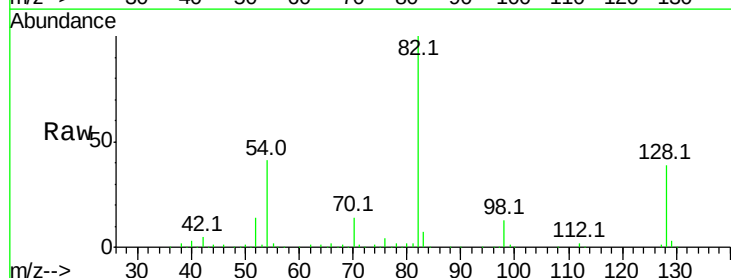
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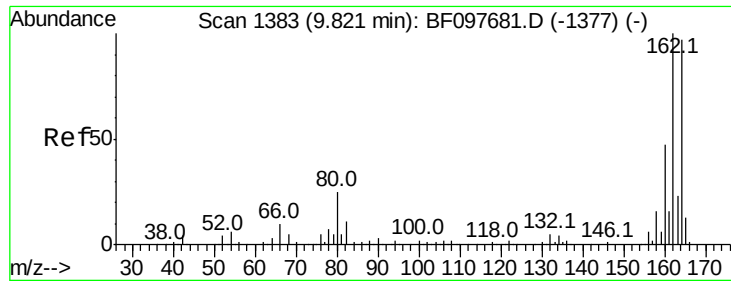
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.1	4.9	7.3#
68	7.1	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 65.154 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097697.D
Acq: 15 Aug 2017 18:06

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.4	34.0	51.0
54	40.9	42.2	63.2#

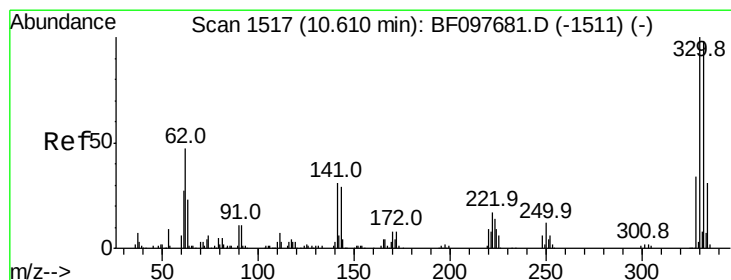
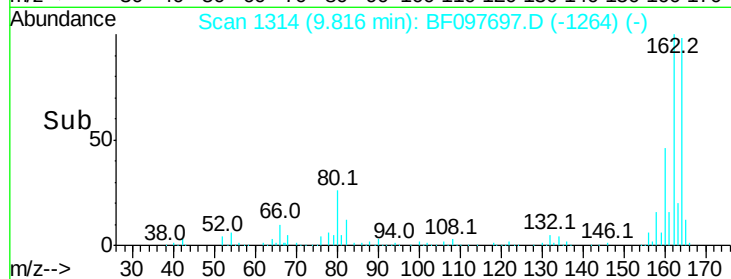
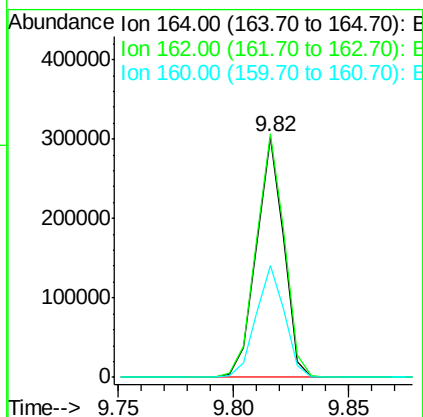
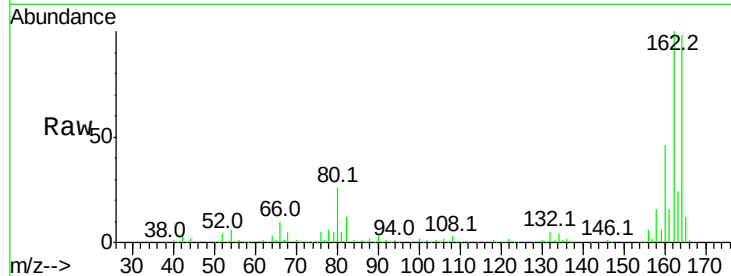




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF097697.D
 Acq: 15 Aug 2017 18:06

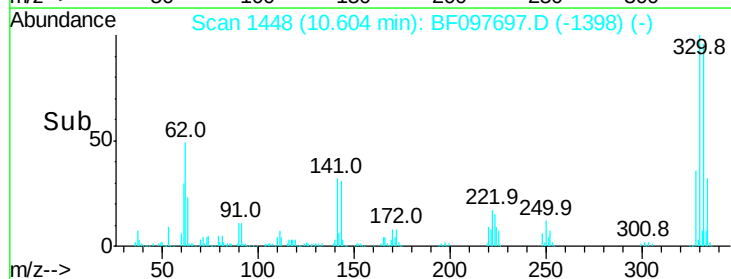
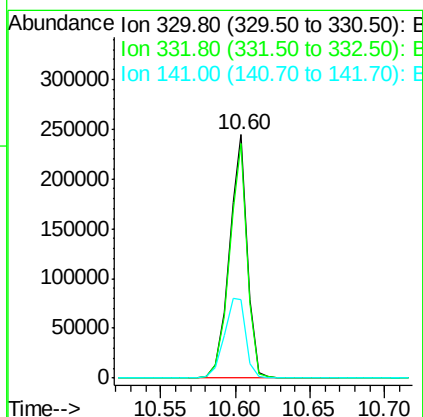
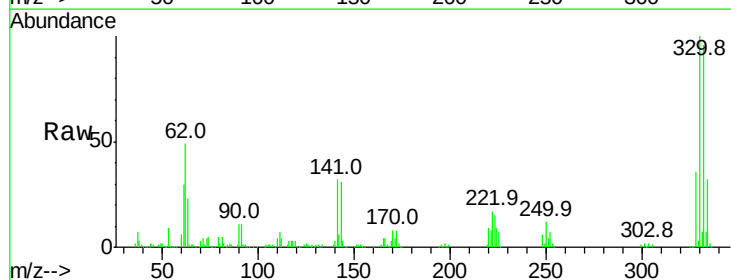
Instrument :
 BNA_F
 ClientSampleId :
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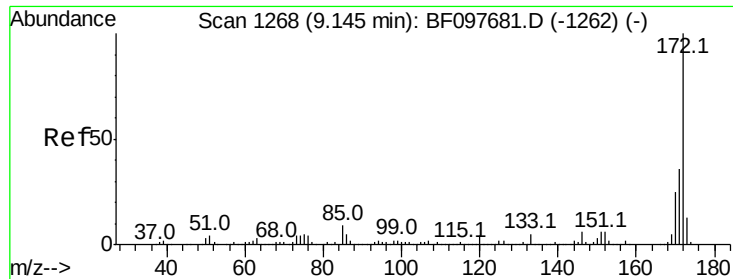
Tot Ion:164 Resp: 250219
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 123.8
 160 46.8 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 95.738 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097697.D
 Acq: 15 Aug 2017 18:06

Tgt Ion:330 Resp: 207853
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 39.3 31.4 47.2

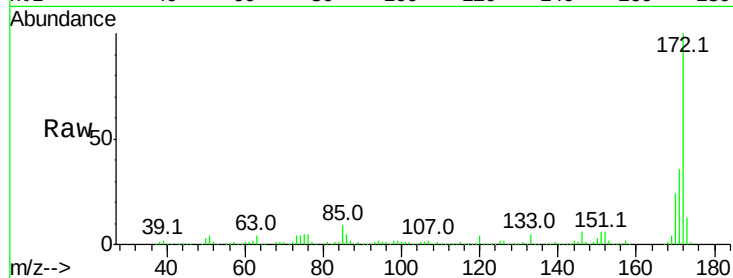




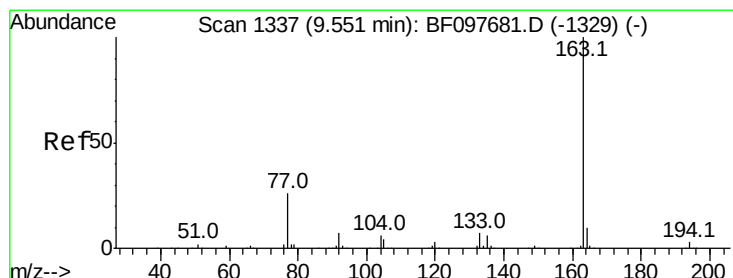
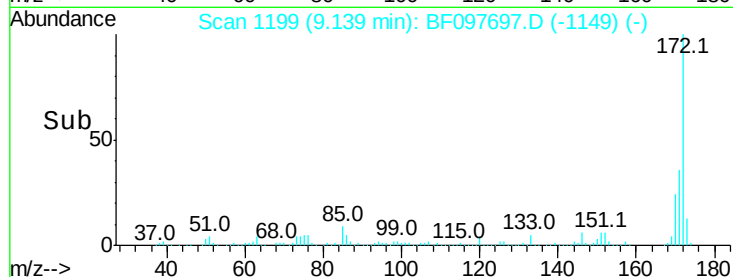
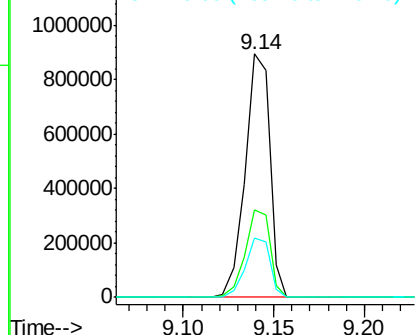
#44
 2-Fluorobiphenyl
 Concen: 49.650 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097697.D
 Acq: 15 Aug 2017 18:06

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:172 Resp: 845586
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.4 19.8 29.8

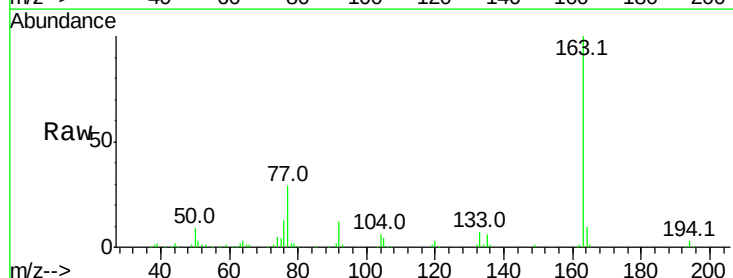


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

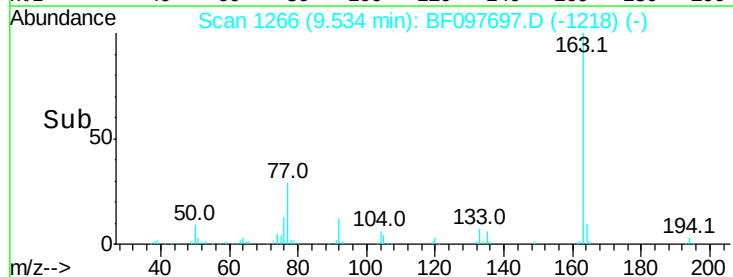
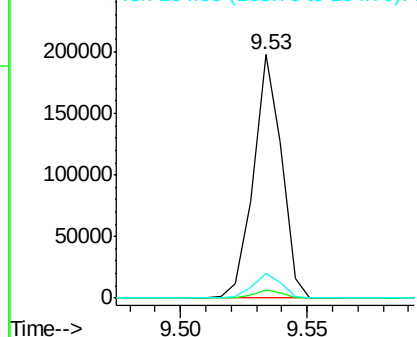


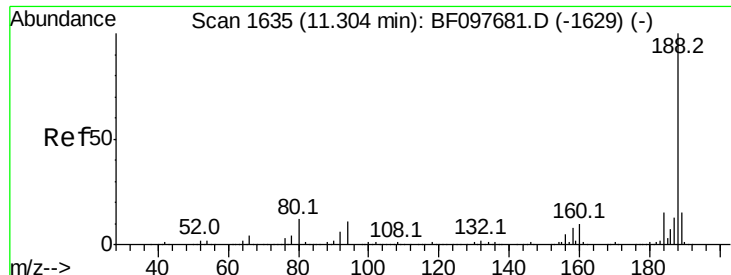
#49
 Dimethylphthalate
 Concen: 8.360 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF097697.D
 Acq: 15 Aug 2017 18:06

Tgt Ion:163 Resp: 152899
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.2 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

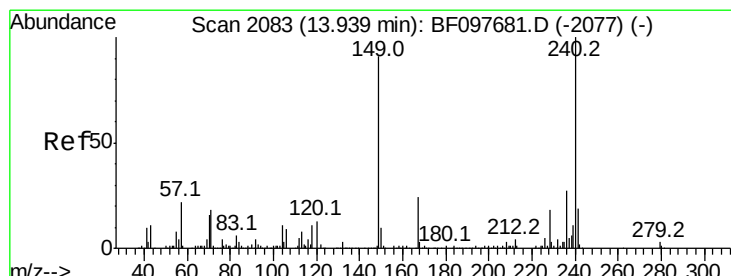
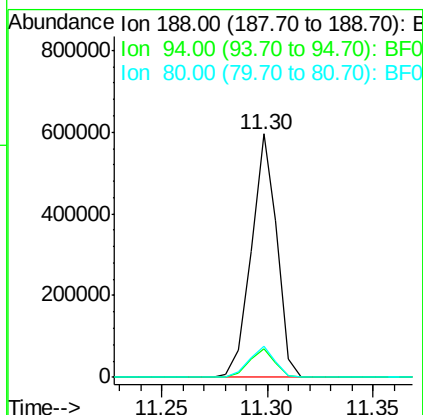
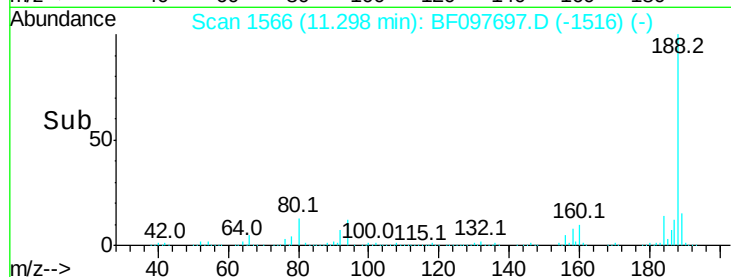
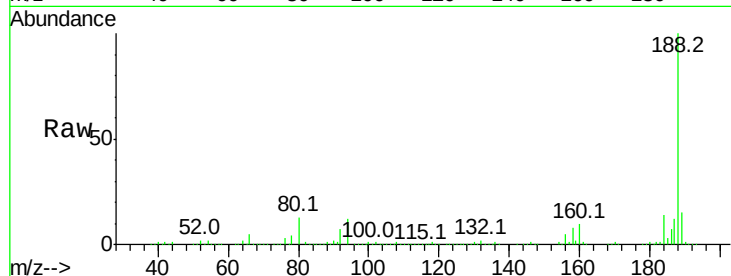




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097697.D
Acq: 15 Aug 2017 18:06

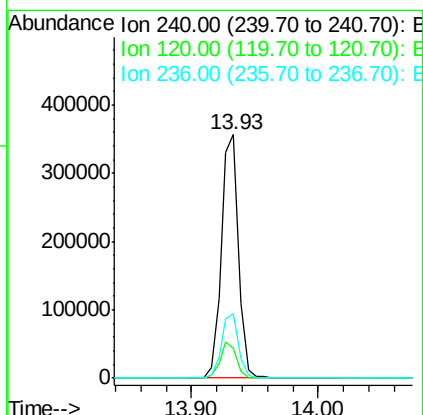
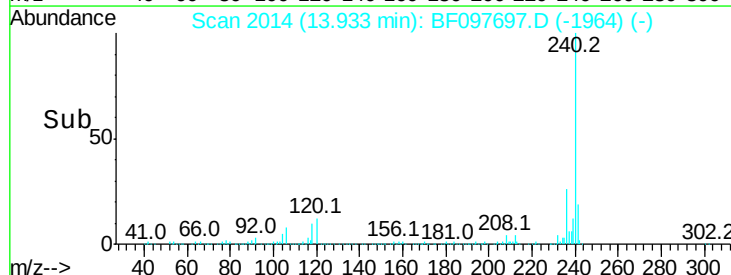
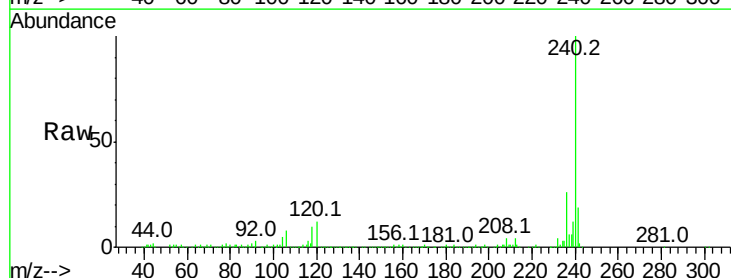
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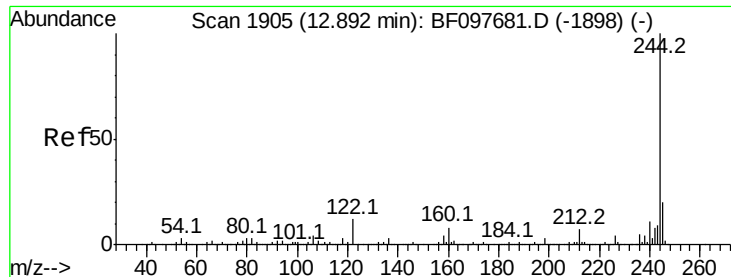
Tot Ion:188 Resp: 497565
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 12.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097697.D
Acq: 15 Aug 2017 18:06

Tgt Ion:240 Resp: 336333
Ion Ratio Lower Upper
240 100
120 12.2 5.8 8.8#
236 26.3 20.5 30.7

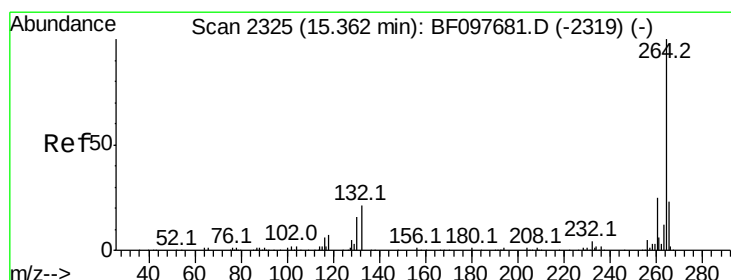
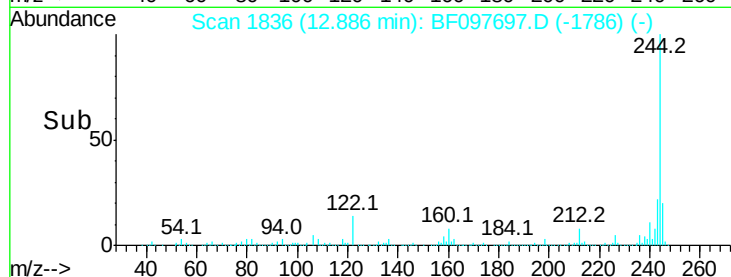
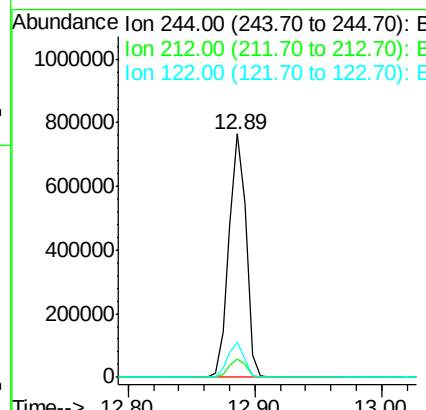
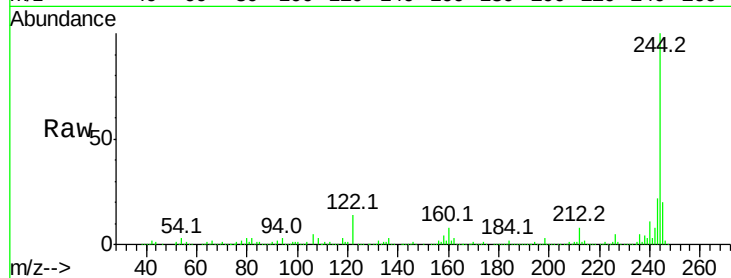




#78
 Terphenyl-d14
 Concen: 44.374 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF097697.D
 Acq: 15 Aug 2017 18:06

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Tot Ion:244 Resp: 715690
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BF097697.D
 Acq: 15 Aug 2017 18:06

Tgt Ion:264 Resp: 258654
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.8 17.2 25.8

