

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080217\
 Data File : BE093632.D
 Acq On : 2 Aug 2017 18:41
 Operator : SJ/JU
 Sample : I4426-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CASWELL-AFB-HYDRANT

Quant Time: Aug 03 03:02:55 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

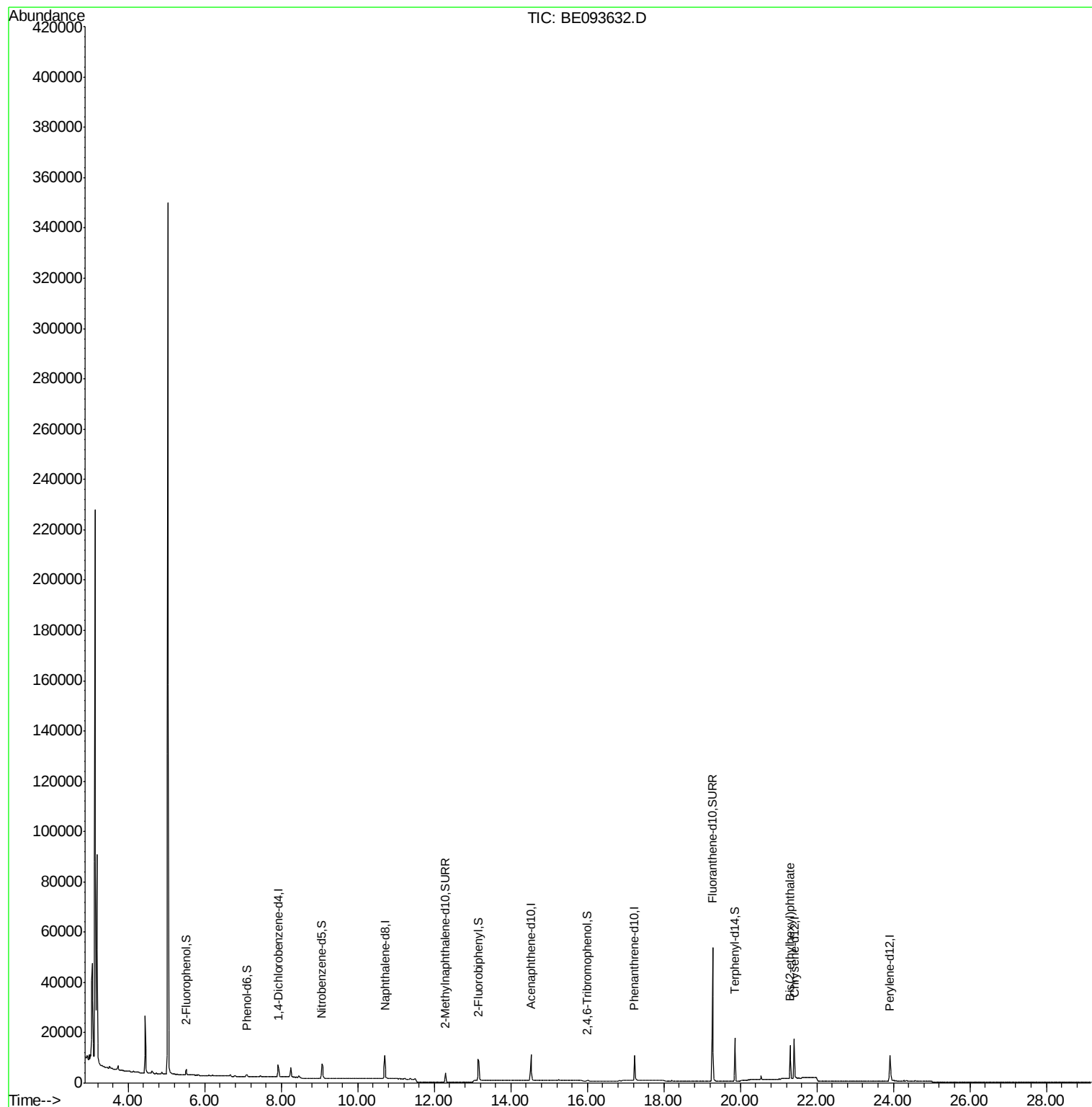
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2469	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	11170	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6326	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16960	0.40	ng	0.00
27) Chrysene-d12	21.42	240	18385	0.40	ng	0.00
34) Perylene-d12	23.91	264	15974	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	1162	0.16	ng	0.00
5) Phenol-d6	7.10	99	1015	0.09	ng	0.00
8) Nitrobenzene-d5	9.06	82	2957	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5773	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	458	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	10208	0.40	ng	0.00
25) Fluoranthene-d10	19.27	212	71096	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	13947	0.42	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.30	149	15270	0.207	ng	98

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

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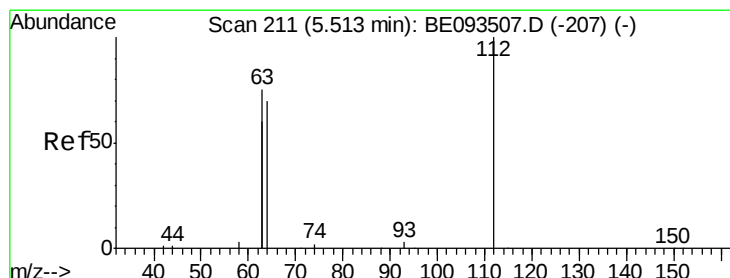
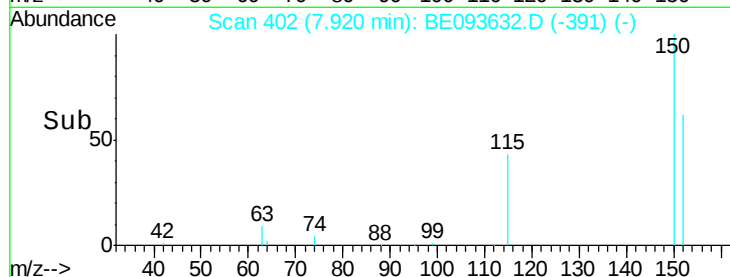
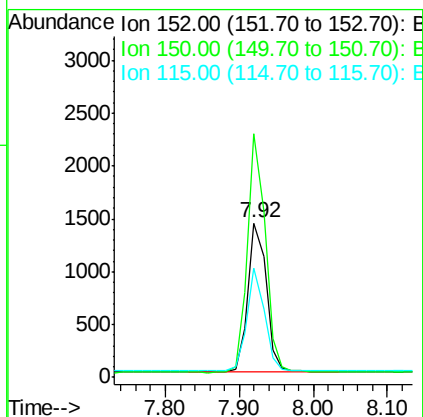
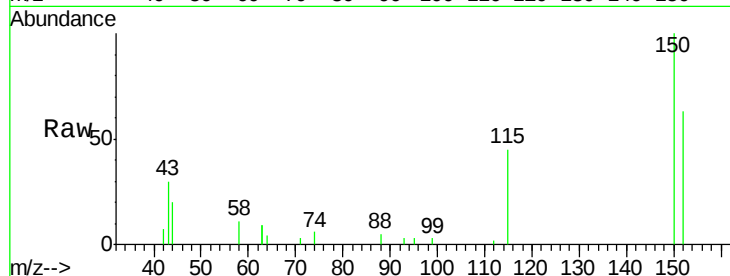


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.92 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BE093632.D
 Acq: 2 Aug 2017 18:41

Instrument :
 BNA_E
 ClientSampleId :
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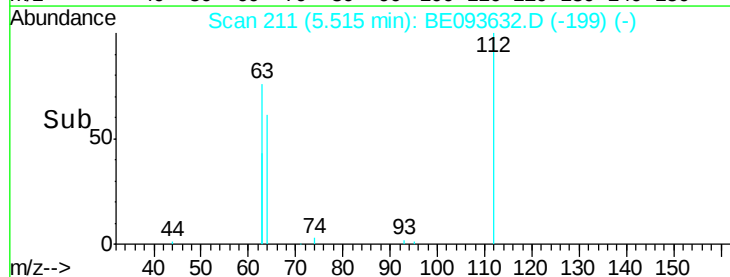
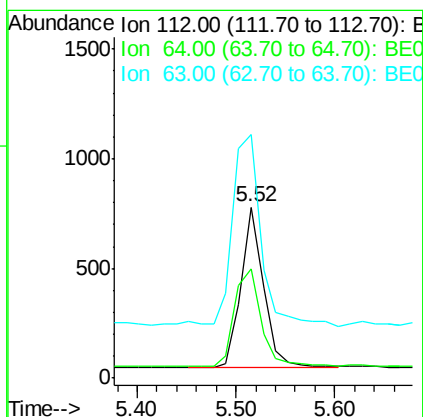
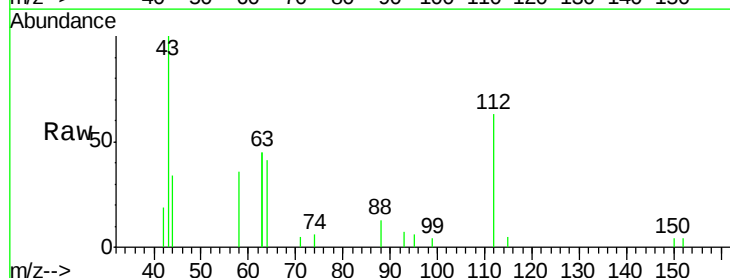
Tgt Ion:152 Resp: 2469
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.1 187.7
 115 71.0 55.7 83.5

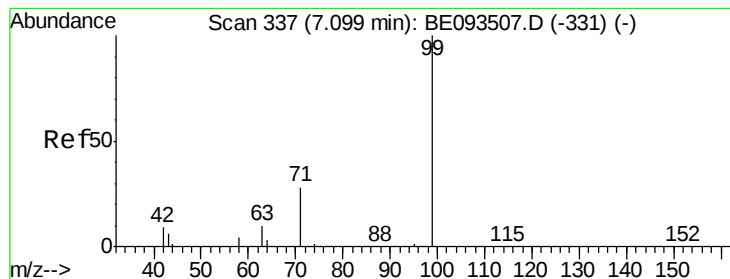


#4

2-Fluorophenol
 Concen: 0.158 ng
 RT: 5.52 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: BE093632.D
 Acq: 2 Aug 2017 18:41

Tgt Ion:112 Resp: 1162
 Ion Ratio Lower Upper
 112 100
 64 70.8 56.4 84.6
 63 150.7 29.3 43.9#





#5

Phenol-d6

Concen: 0.092 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093632.D

Acq: 2 Aug 2017 18:41

Instrument :

BNA_E

ClientSampleId :

CASWELL-AFB-HYDRANT

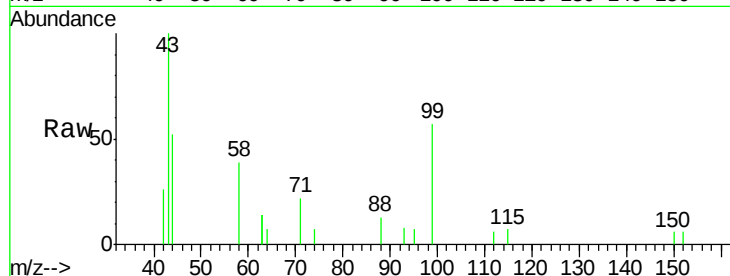
Tgt Ion: 99 Resp: 1015

Ion Ratio Lower Upper

99 100

42 18.2 0.0 0.0#

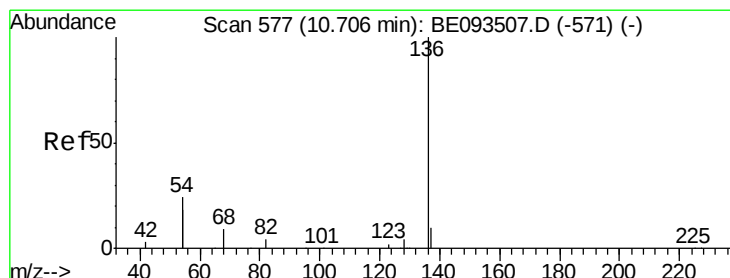
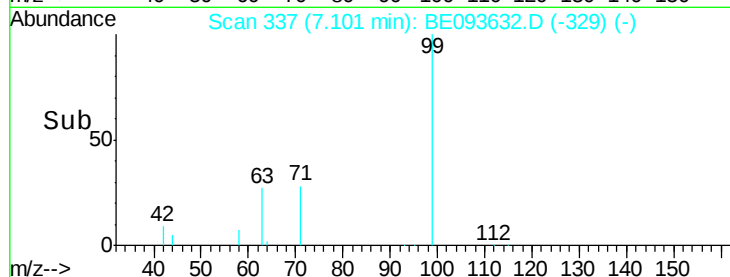
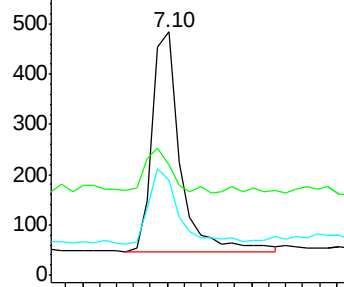
71 35.8 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093632.D

Acq: 2 Aug 2017 18:41

Tgt Ion: 136 Resp: 11170

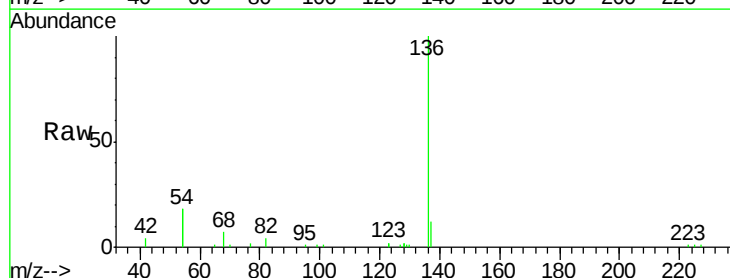
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.8

54 35.3 10.3 15.5#

68 7.4 9.0 13.4#

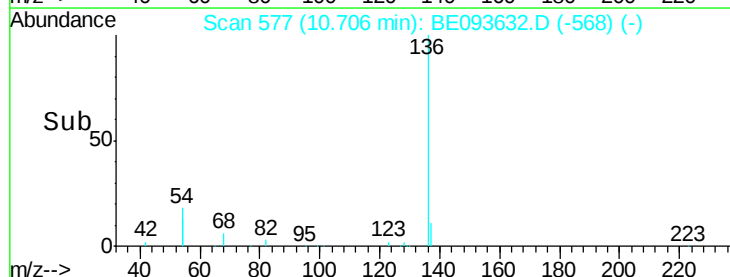
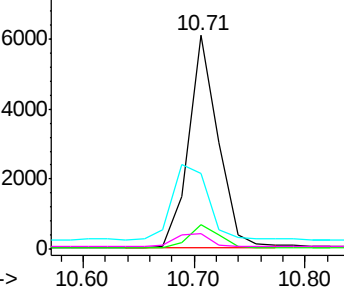


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

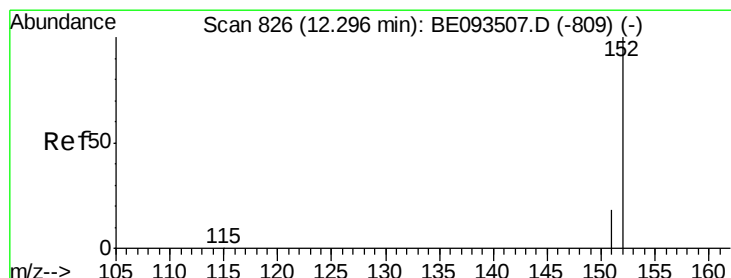
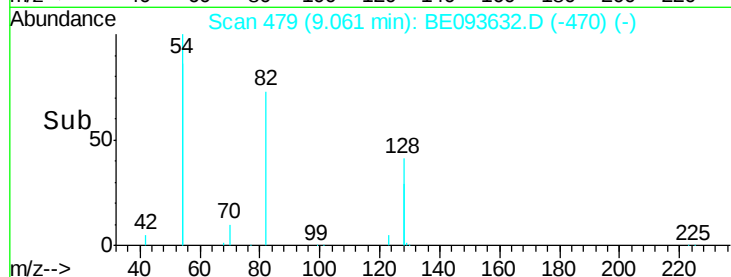
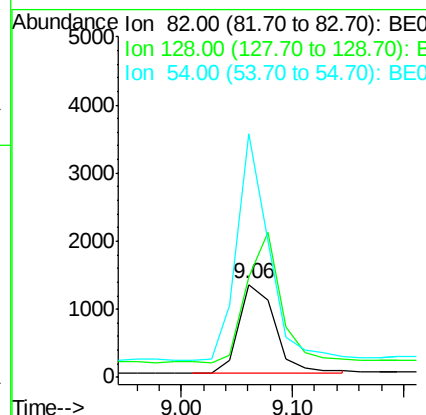
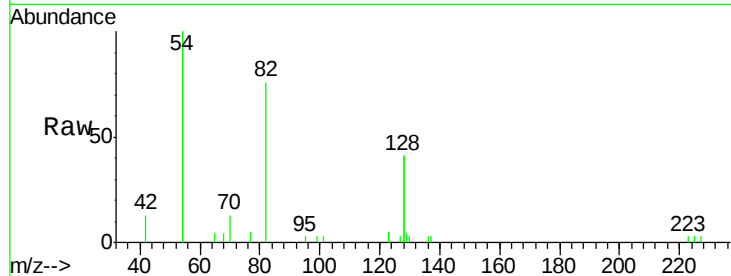




#8
 Nitrobenzene-d5
 Concen: 0.347 ng
 RT: 9.06 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BE093632.D
 Acq: 2 Aug 2017 18:41

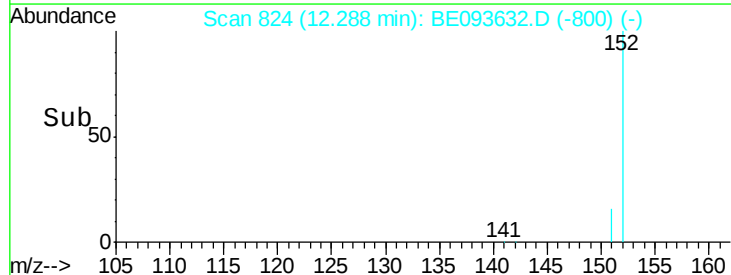
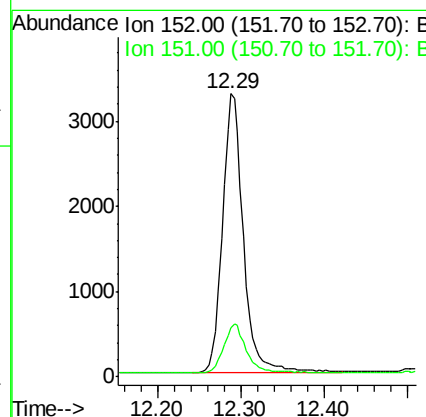
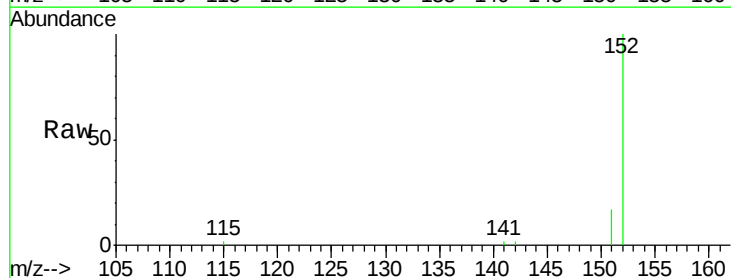
Instrument :
 BNA_E
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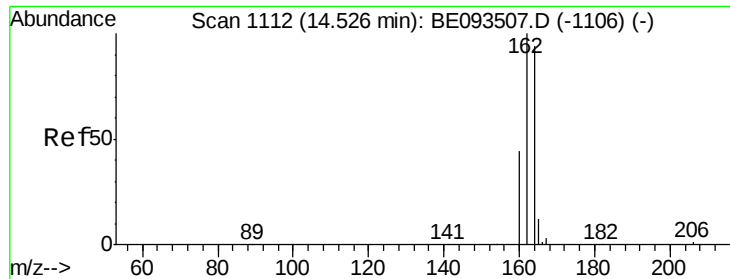
Tgt Ion	Ratio	Lower	Upper
82	100		
128	107.8	17.0	25.4#
54	261.6	53.8	80.6#



#11
 2-Methylnaphthalene-d10
 Concen: 0.327 ng
 RT: 12.29 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE093632.D
 Acq: 2 Aug 2017 18:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.1	22.7

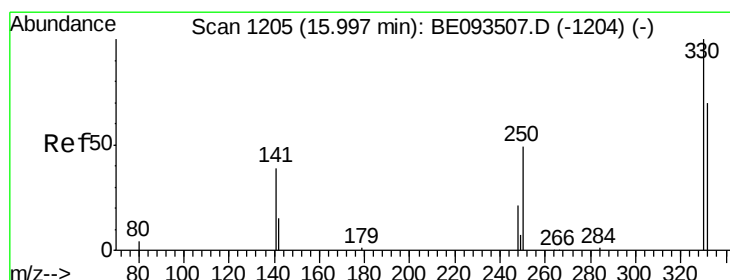
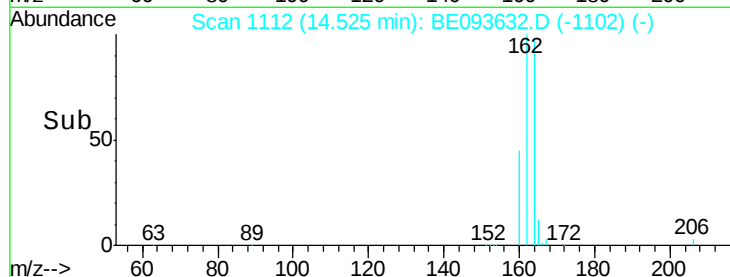
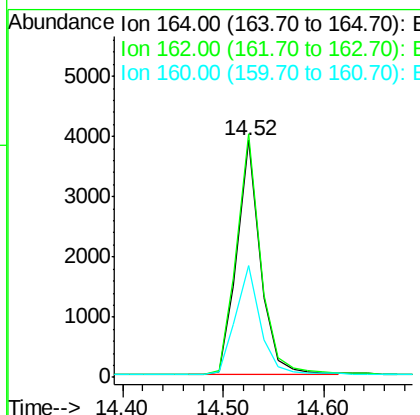
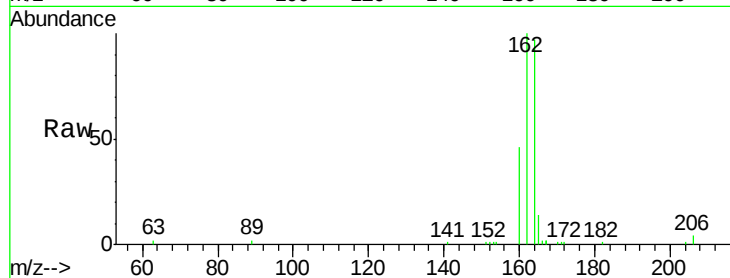




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093632.D
 Acq: 2 Aug 2017 18:41

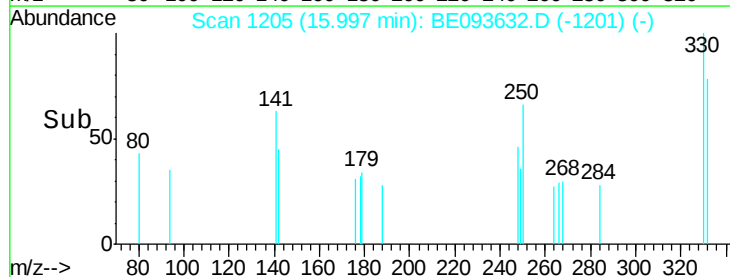
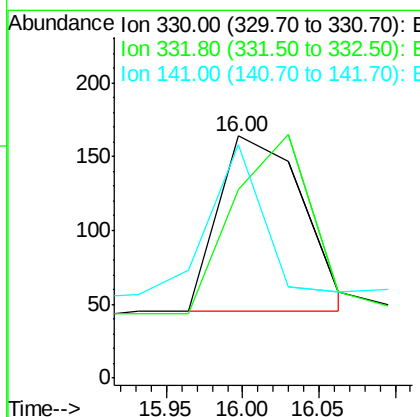
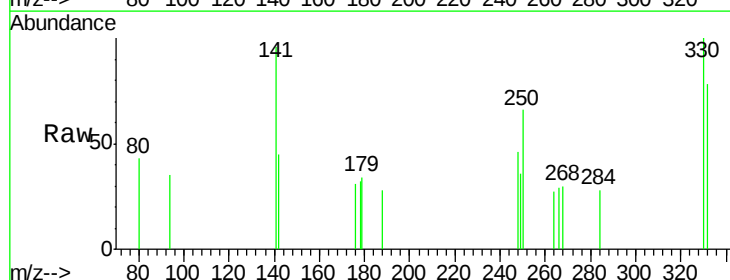
Instrument :
 BNA_E
 ClientSampleId :
 CASWELL-AFB-HYDRANT

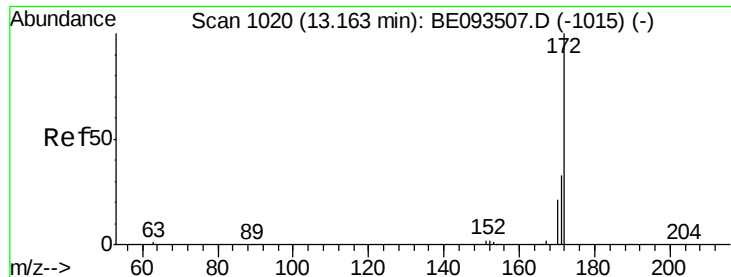
Tgt Ion:164 Resp: 6326
 Ion Ratio Lower Upper
 164 100
 162 102.7 84.6 127.0
 160 47.2 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.349 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093632.D
 Acq: 2 Aug 2017 18:41

Tgt Ion:330 Resp: 458
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.7 116.5#
 141 52.6 56.2 84.4#

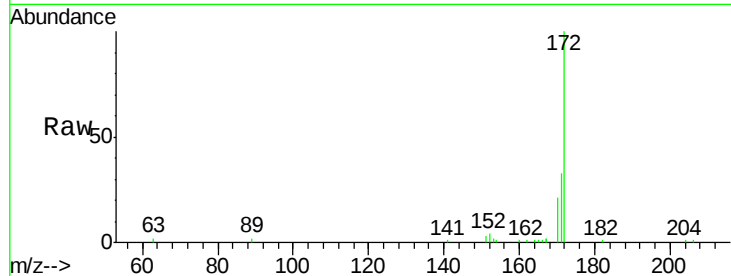




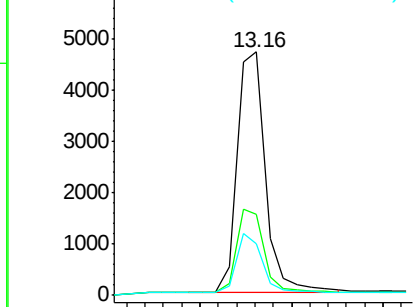
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093632.D
Acq: 2 Aug 2017 18:41

Instrument :
BNA_E
ClientSampleId :
CASWELL-AFB-HYDRANT

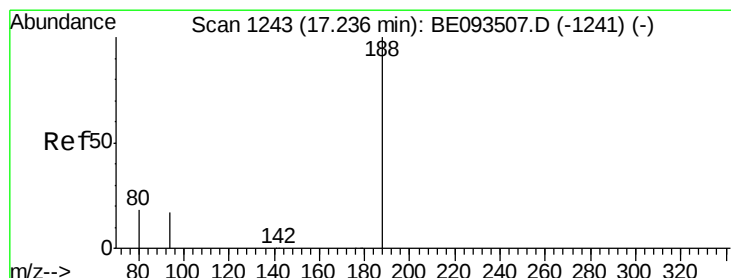
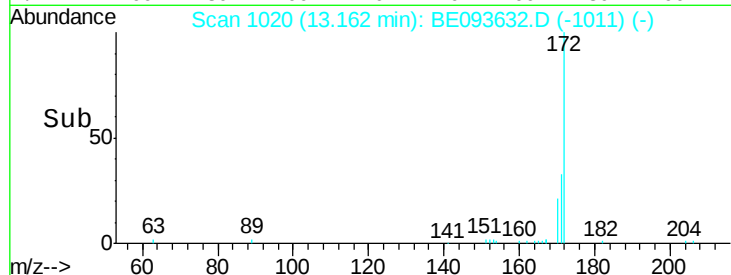
Tgt Ion:172 Resp: 10208
Ion Ratio Lower Upper
172 100
171 33.1 29.8 44.6
170 21.4 20.7 31.1



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

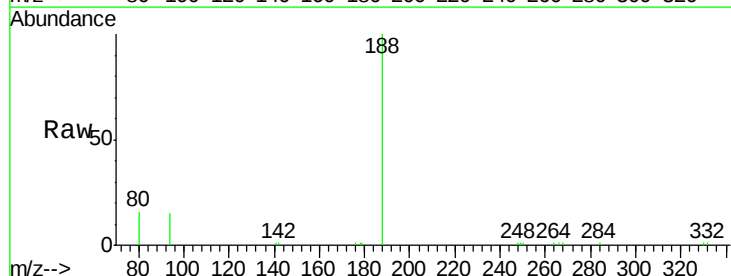


Time-->

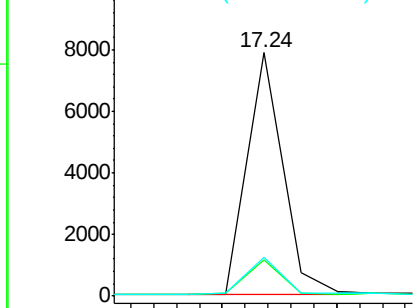


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093632.D
Acq: 2 Aug 2017 18:41

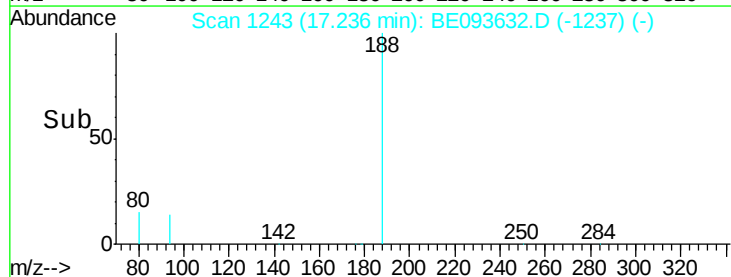
Tgt Ion:188 Resp: 16960
Ion Ratio Lower Upper
188 100
94 14.8 11.3 16.9
80 15.9 11.7 17.5

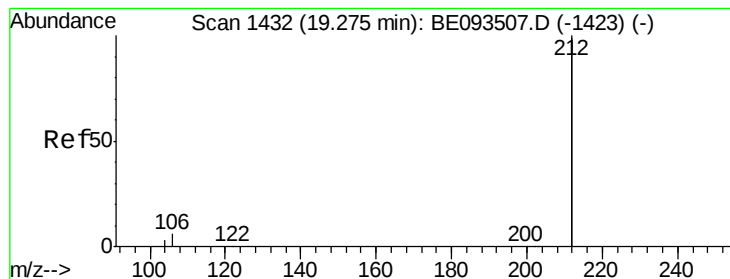


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0



Time-->





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093632.D

Acq: 2 Aug 2017 18:41

Instrument :

BNA_E

ClientSampleId :

CASWELL-AFB-HYDRANT

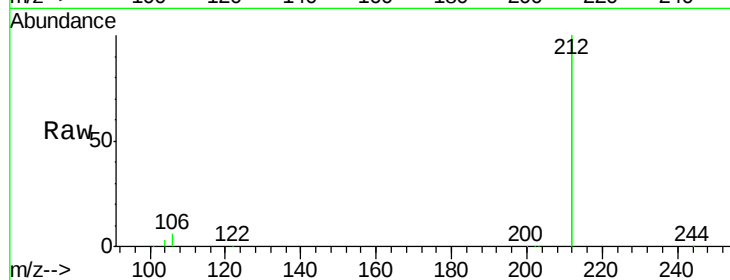
Tgt Ion:212 Resp: 71096

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

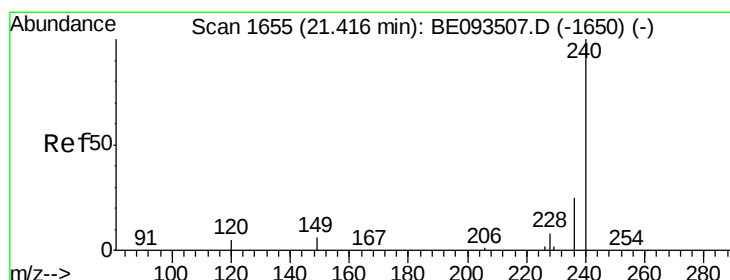
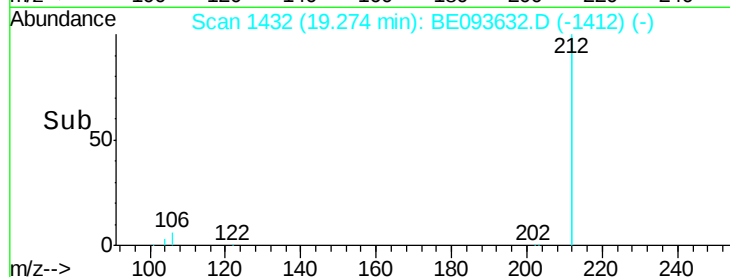
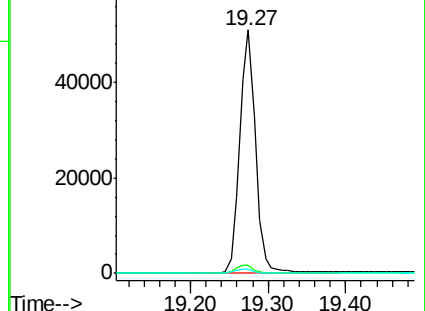
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE093632.D

Acq: 2 Aug 2017 18:41

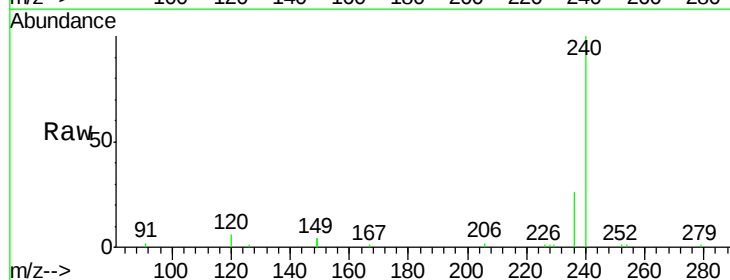
Tgt Ion:240 Resp: 18385

Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

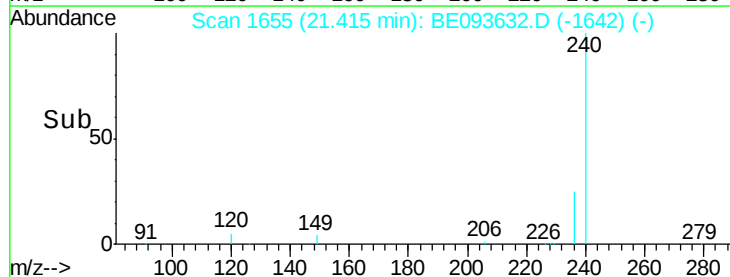
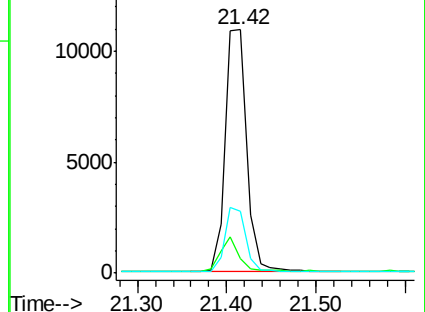
236 25.6 20.8 31.2

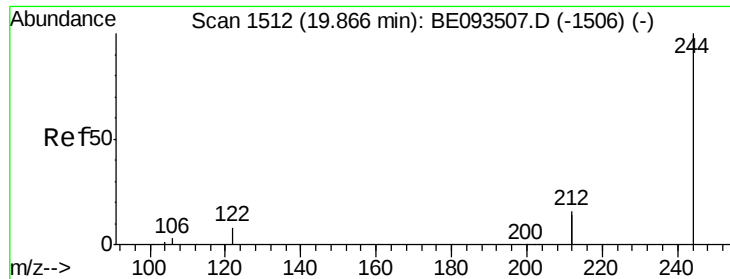


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.422 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093632.D

Acq: 2 Aug 2017 18:41

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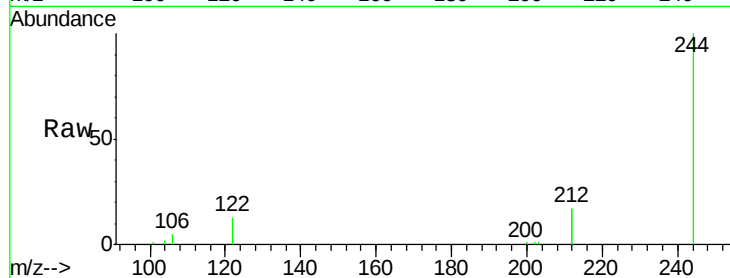
Tgt Ion:244 Resp: 13947

Ion Ratio Lower Upper

244 100

212 34.7 10.6 16.0#

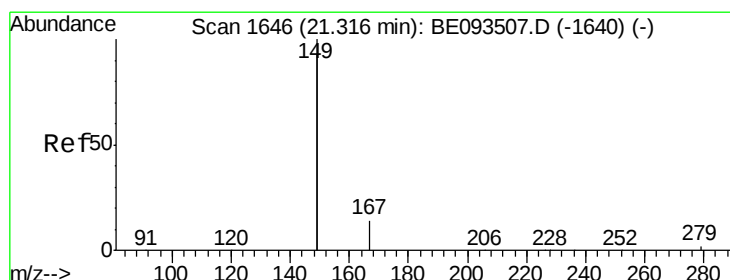
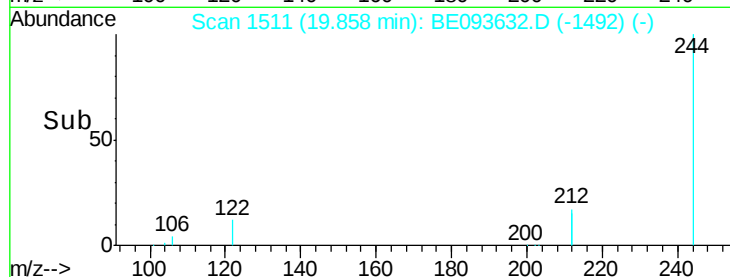
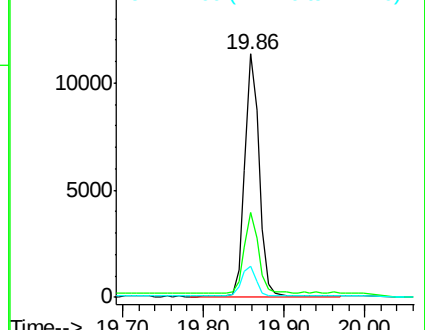
122 12.7 15.4 23.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.207 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093632.D

Acq: 2 Aug 2017 18:41

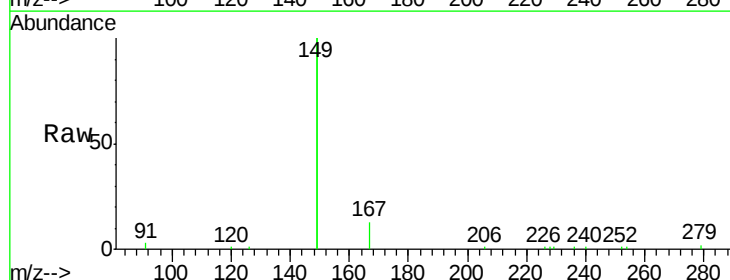
Tgt Ion:149 Resp: 15270

Ion Ratio Lower Upper

149 100

167 6.8 4.8 7.2

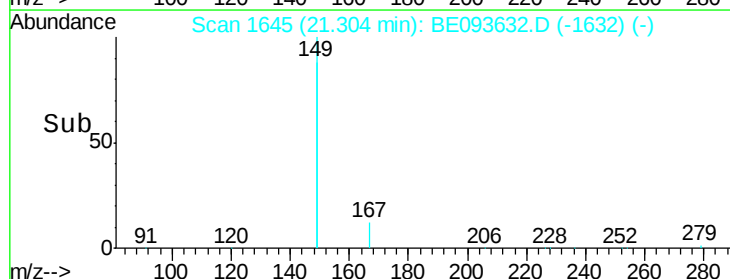
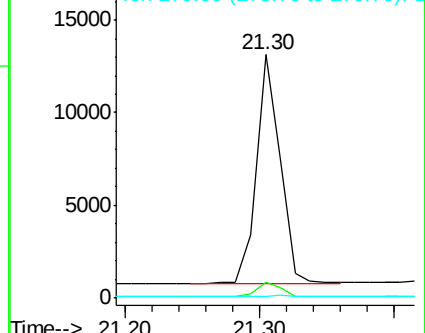
279 1.0 0.8 1.2

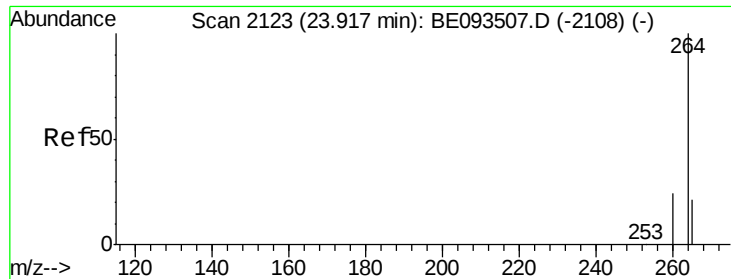


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BE093632.D
Acq: 2 Aug 2017 18:41

Instrument :
BNA_E
ClientSampleId :
CASWELL-AFB-HYDRANT

Tgt Ion: 264 Resp: 15974
Ion Ratio Lower Upper
264 100
260 25.2 21.0 31.4
265 26.6 24.6 36.8

