

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095103.D
 Acq On : 12 May 2017 4:08
 Operator : SJ/MA
 Sample : I3062-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: May 12 05:17:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

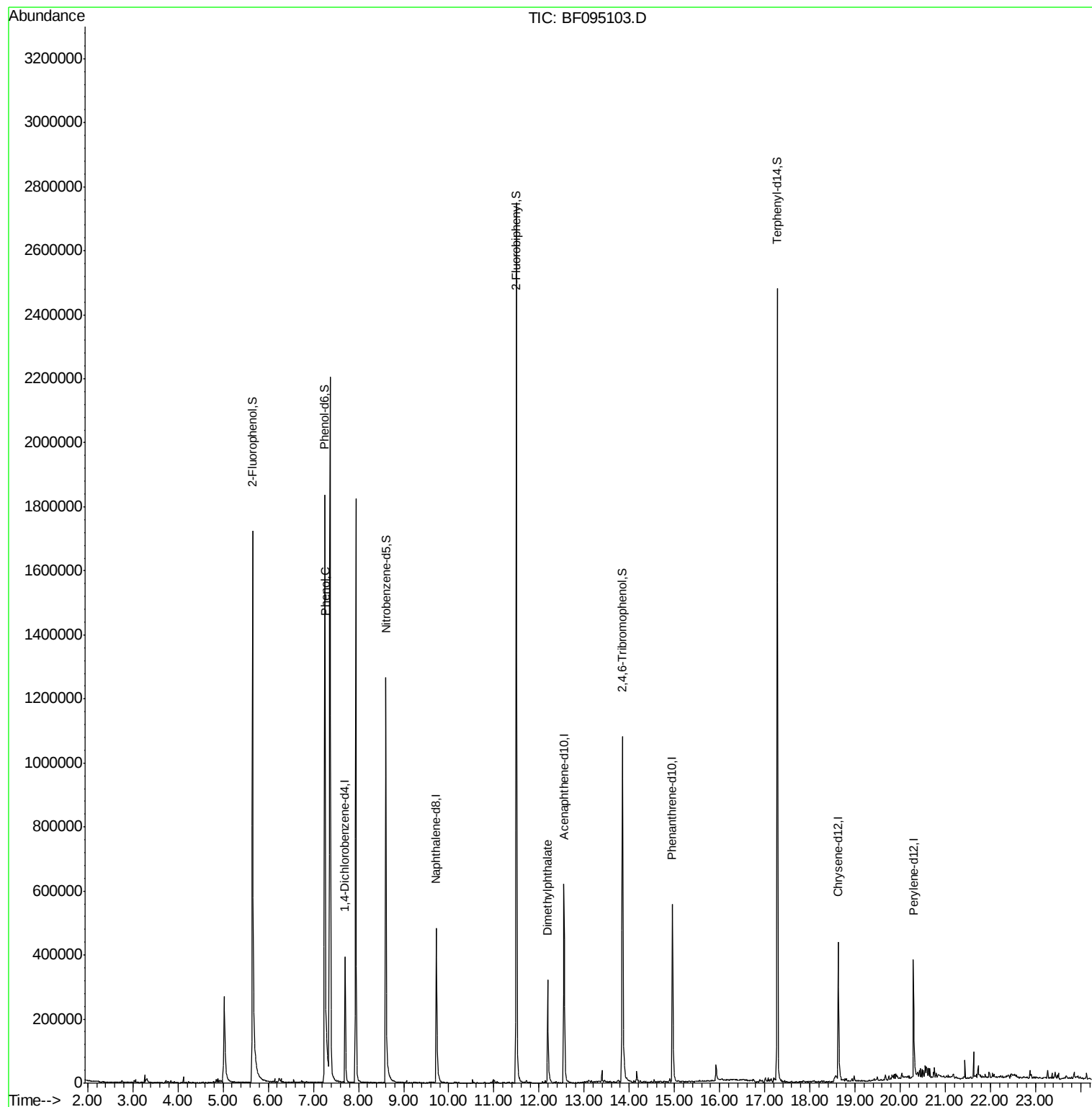
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	89017	20.00	ng	-0.02
21) Naphthalene-d8	9.72	136	406365	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	193770	20.00	ng	-0.03
63) Phenanthrene-d10	14.95	188	342747	20.00	ng	-0.03
75) Chrysene-d12	18.63	240	234106	20.00	ng	-0.02
86) Perylene-d12	20.29	264	190522	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	907298	169.93	ng	-0.02
7) Phenol-d6	7.25	99	1152339	179.88	ng	-0.02
23) Nitrobenzene-d5	8.61	82	635044	98.54	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	206245	129.97	ng	-0.04
44) 2-Fluorobiphenyl	11.50	172	1294338	96.14	ng	-0.03
78) Terphenyl-d14	17.28	244	955522	89.90	ng	-0.03
Target Compounds						
10) Phenol	7.27	94	27289	4.04	ng	Qvalue # 73
49) Dimethylphthalate	12.19	163	229220	14.41	ng	99

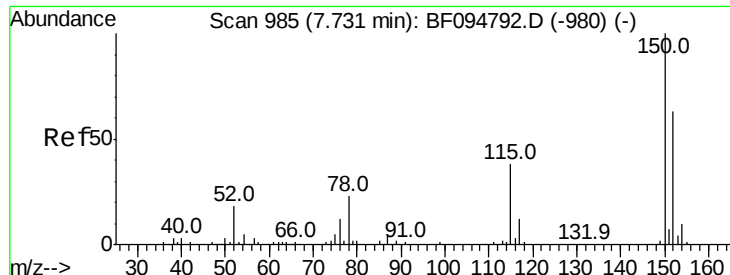
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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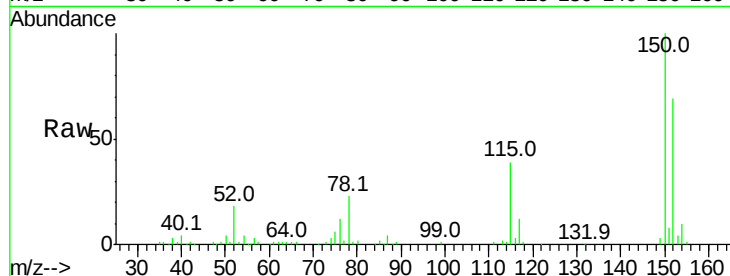


#1

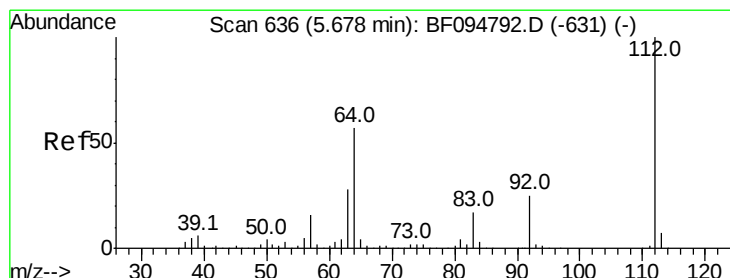
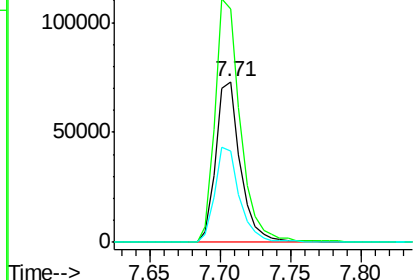
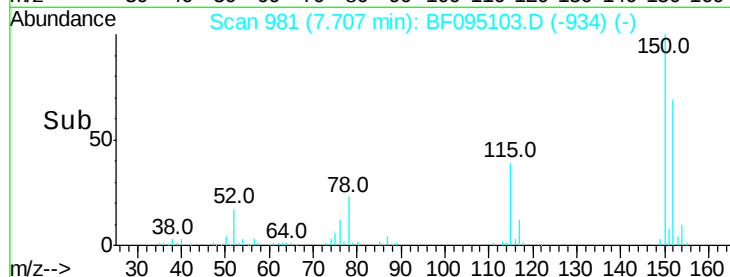
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095103.D
Acq: 12 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.4	126.2	189.2
115	57.1	52.2	78.2



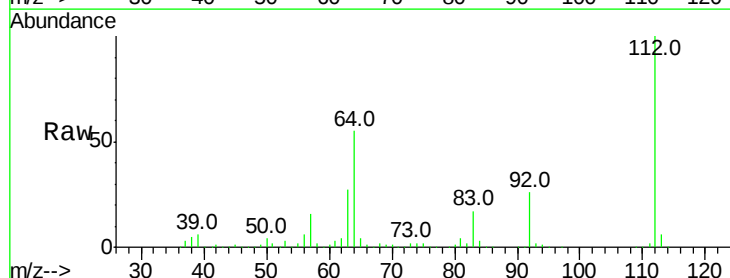
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



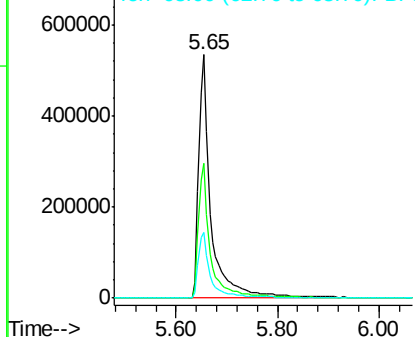
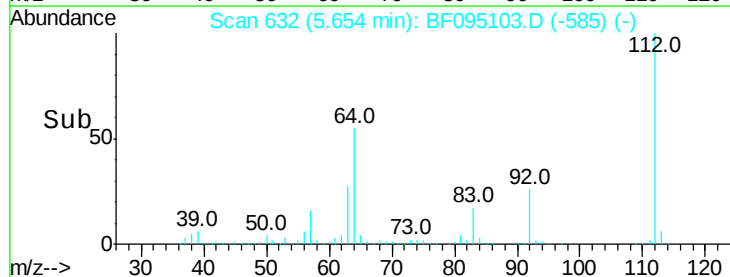
#5

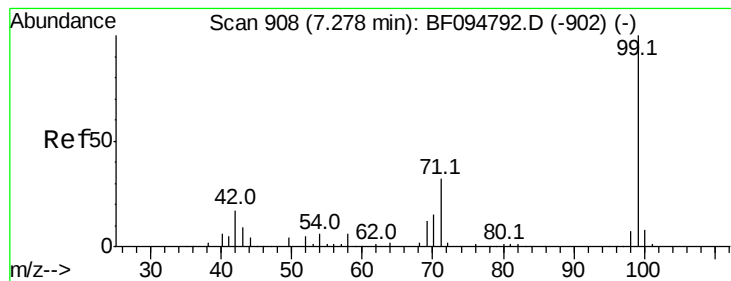
2-Fluorophenol
Concen: 169.93 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF095103.D
Acq: 12 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	46.0	69.0
63	26.8	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: 179.88 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095103.D

Acq: 12 May 2017 4:08

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

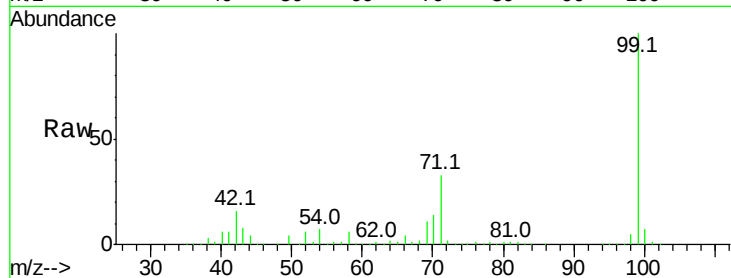
Tot Ion: 99 Resp: 1152339

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	32.7	24.5	36.7

99 100

42 16.4 13.5 20.3

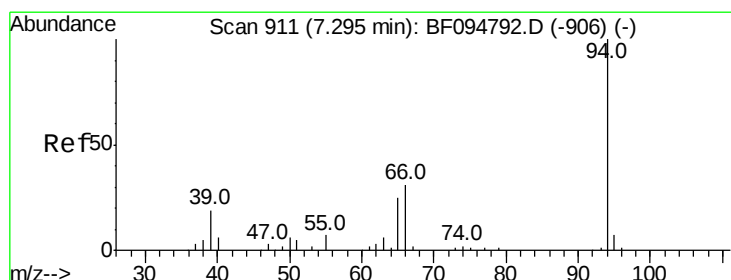
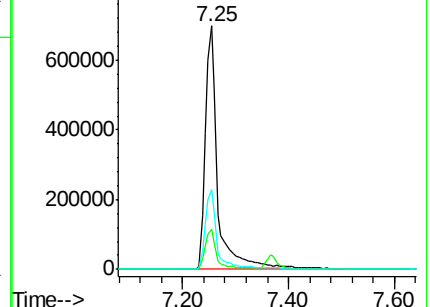
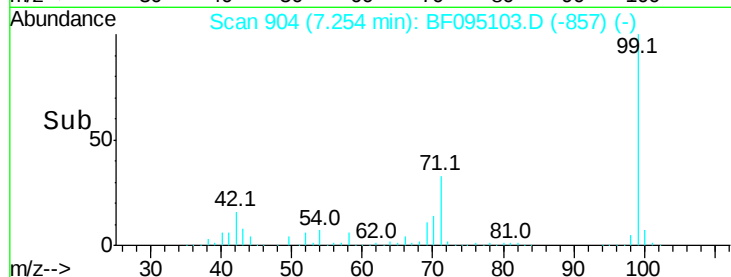
71 32.7 24.5 36.7



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: 4.04 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF095103.D

Acq: 12 May 2017 4:08

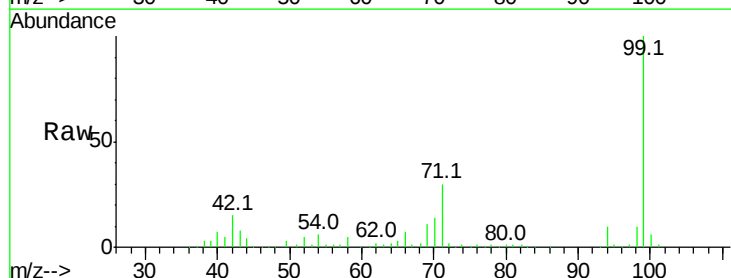
Tgt Ion: 94 Resp: 27289

Ion	Ratio	Lower	Upper
94	100		
65	32.4	9.9	49.9
66	70.1	23.1	63.1

94 100

65 32.4 9.9 49.9

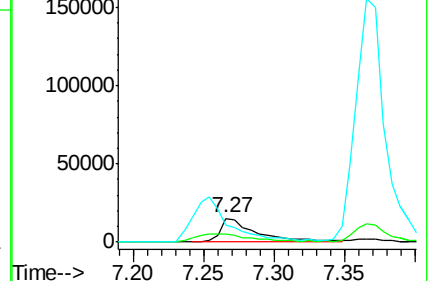
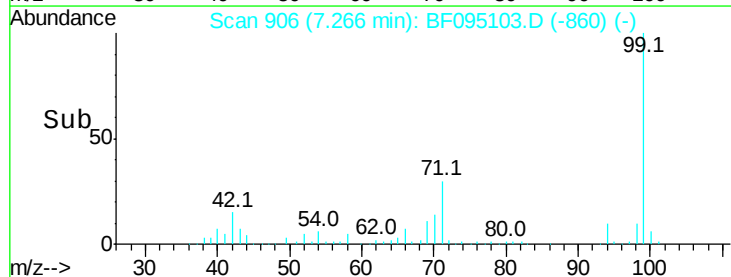
66 70.1 23.1 63.1#

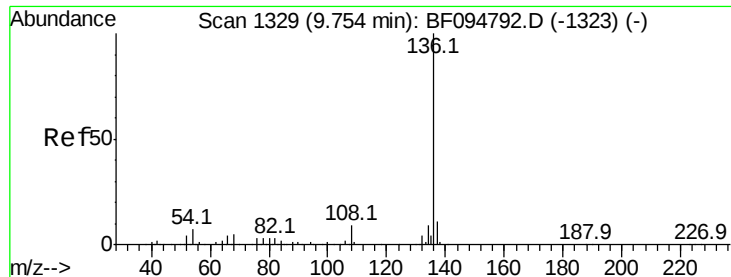


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

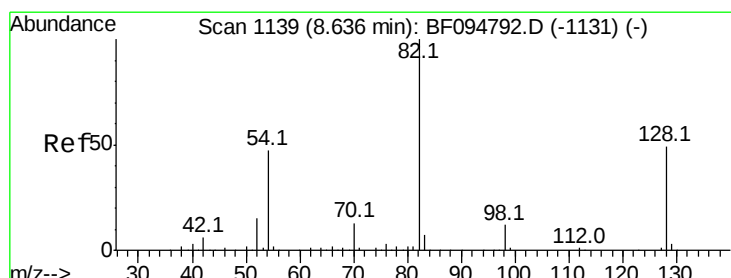
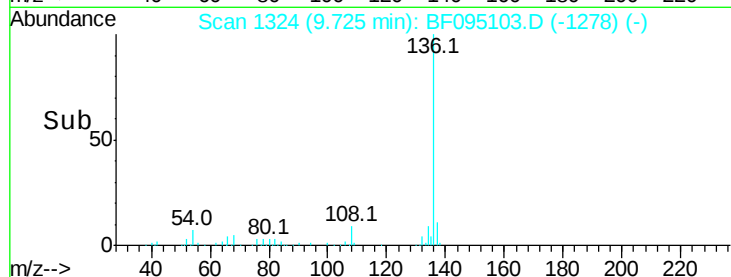
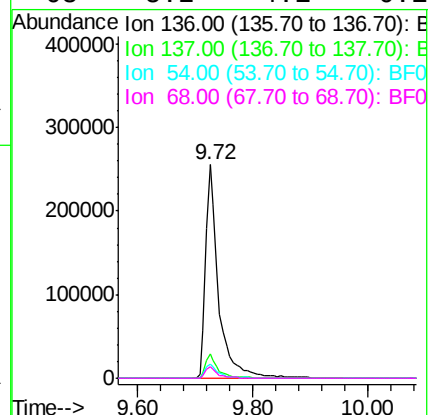
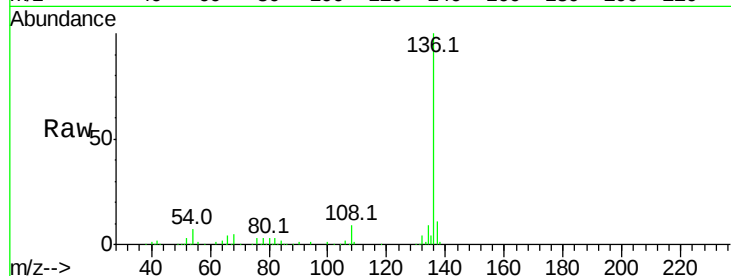




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BF095103.D
Acq: 12 May 2017 4:08

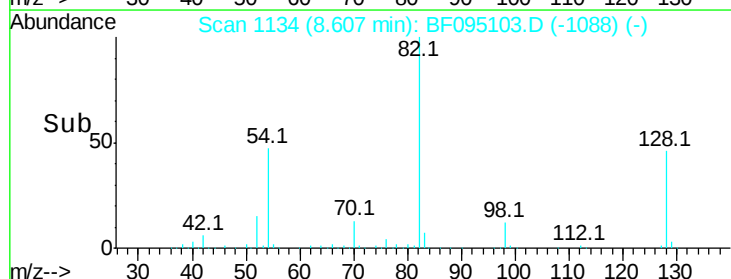
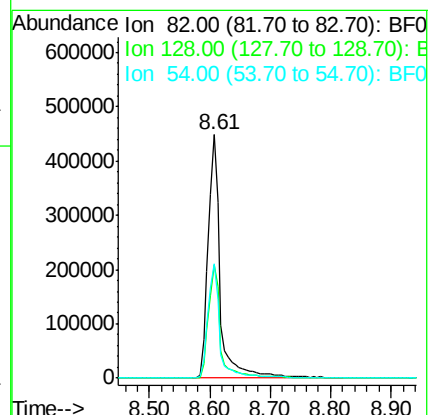
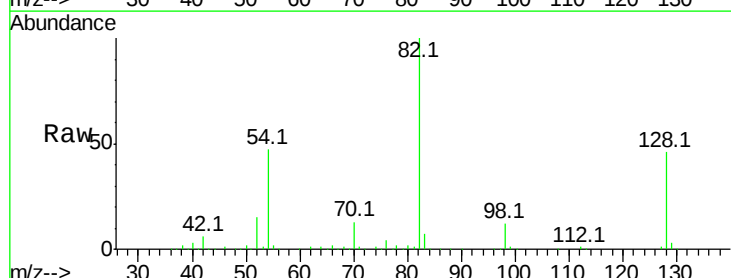
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

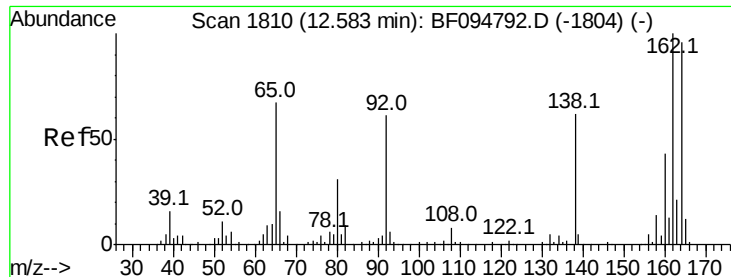
Tot Ion:136	Resp:	406365
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	6.6	4.9 7.3
68	5.2	4.1 6.1



#23
Nitrobenzene-d5
Concen: 98.54 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF095103.D
Acq: 12 May 2017 4:08

Tgt Ion: 82	Resp:	635044
Ion Ratio	Lower	Upper
82	100	
128	46.2	34.0 51.0
54	47.0	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.55 min Scan# 1805

Delta R.T. -0.03 min

Lab File: BF095103.D

Acq: 12 May 2017 4:08

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

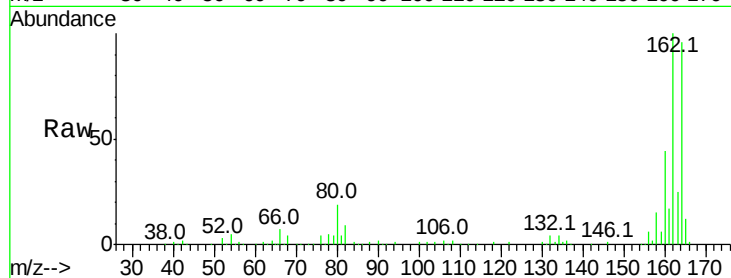
Tot Ion:164 Resp: 193770

Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

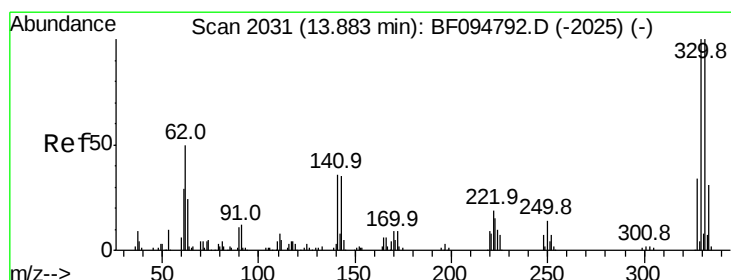
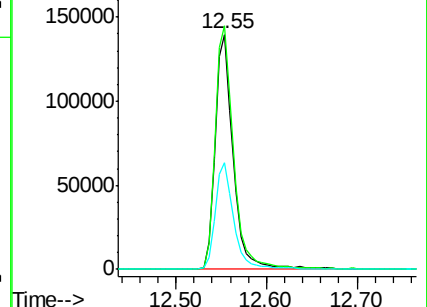
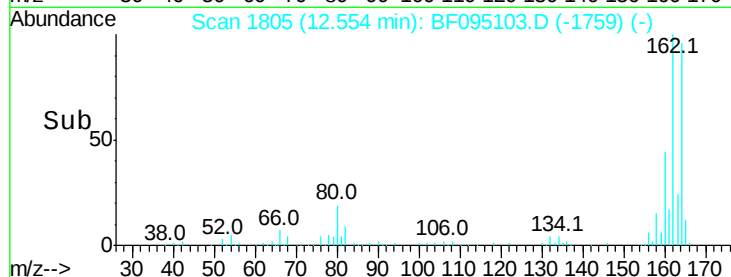
160 45.6 36.2 54.2



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: 129.97 ng

RT: 13.85 min Scan# 2025

Delta R.T. -0.04 min

Lab File: BF095103.D

Acq: 12 May 2017 4:08

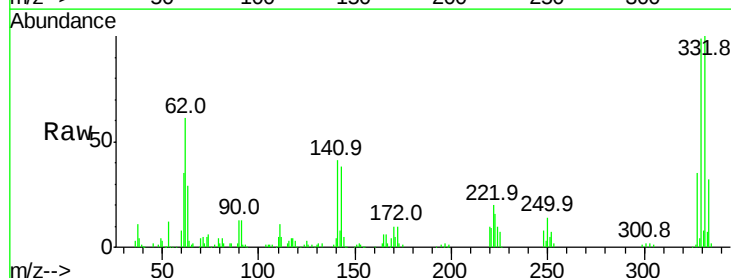
Tgt Ion:330 Resp: 206245

Ion Ratio Lower Upper

330 100

332 98.5 76.6 115.0

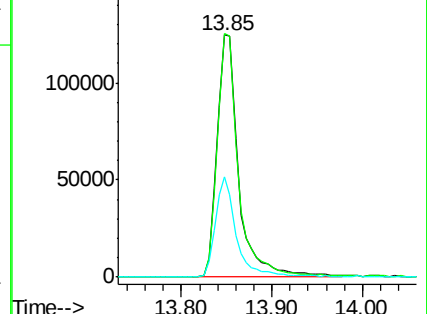
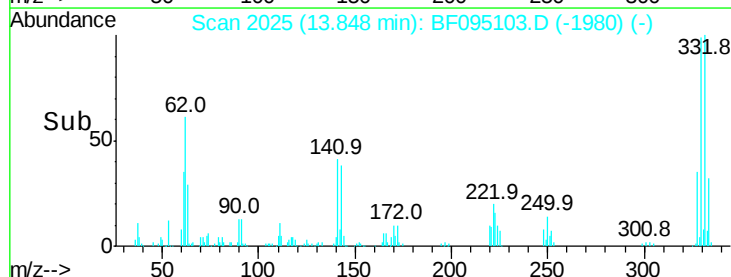
141 39.6 31.4 47.2

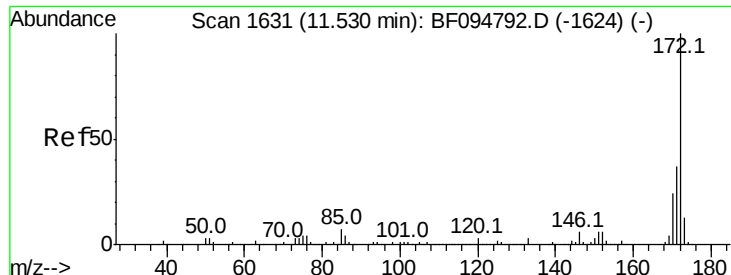


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

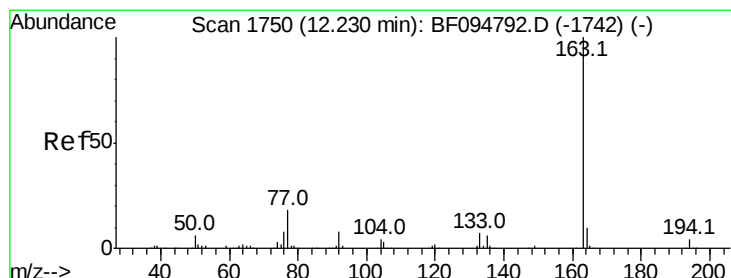
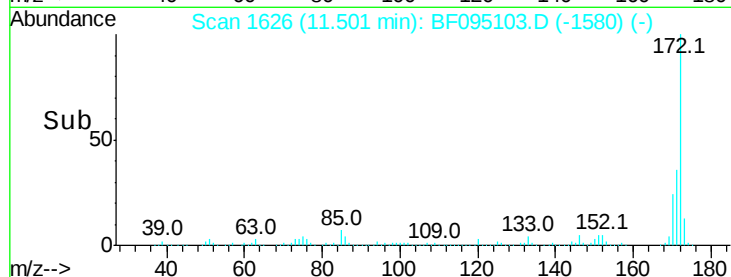
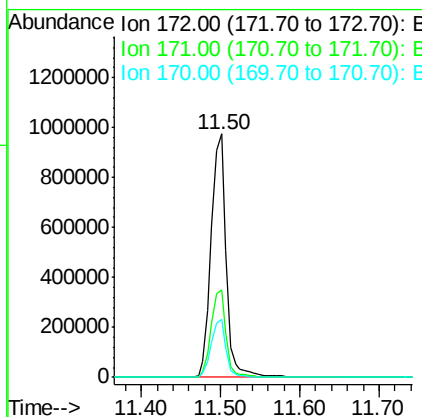
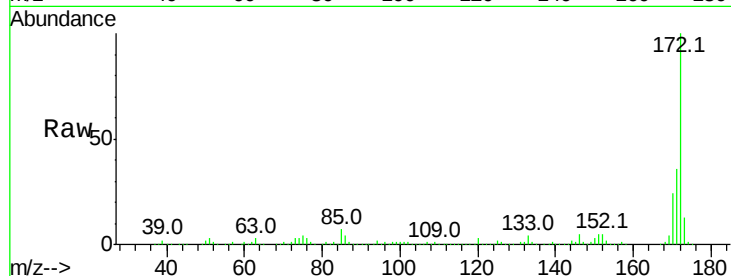




#44
2-Fluorobiphenyl
Concen: 96.14 ng
RT: 11.50 min Scan# 1626
Delta R.T. -0.03 min
Lab File: BF095103.D
Acq: 12 May 2017 4:08

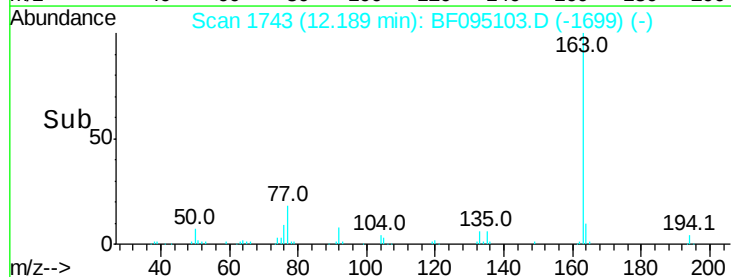
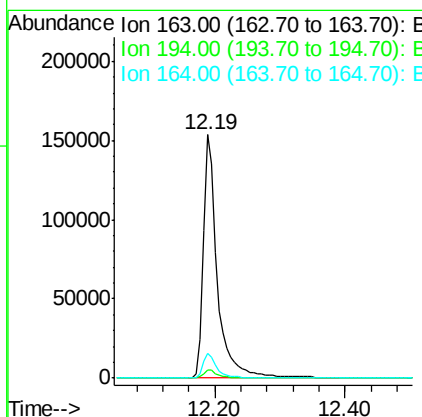
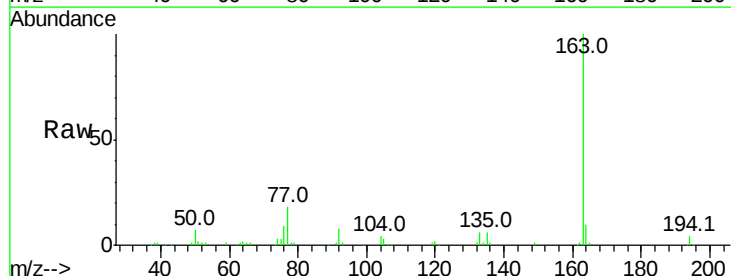
Instrument :
BNA_F
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SB-02-COMP

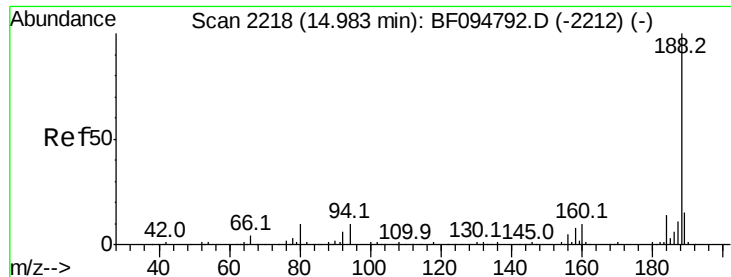
Tot Ion:172 Resp: 1294338
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.6 19.8 29.8



#49
Dimethylphthalate
Concen: 14.41 ng
RT: 12.19 min Scan# 1743
Delta R.T. -0.04 min
Lab File: BF095103.D
Acq: 12 May 2017 4:08

Tgt Ion:163 Resp: 229220
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.0 8.4 12.6

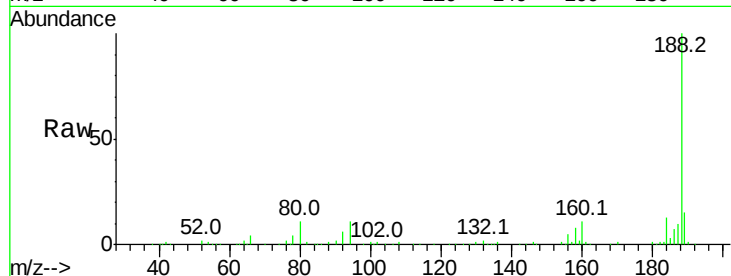




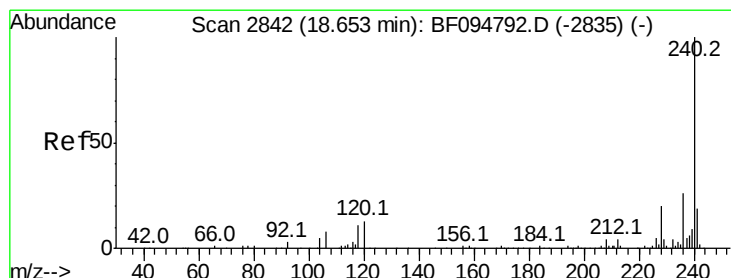
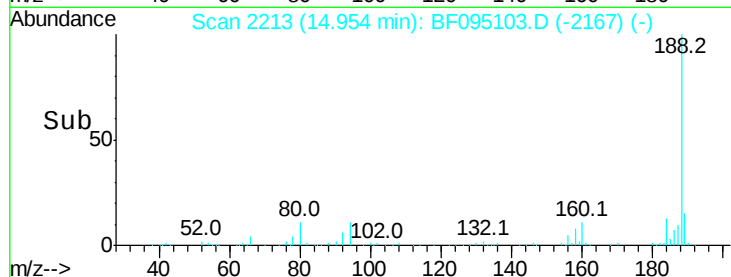
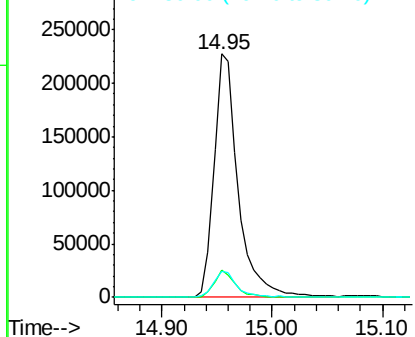
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF095103.D
Acq: 12 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	10.7	10.2	15.2

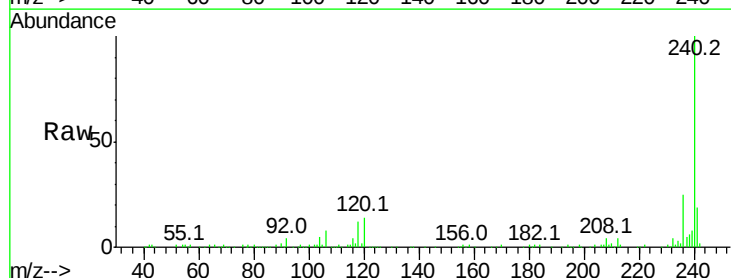


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

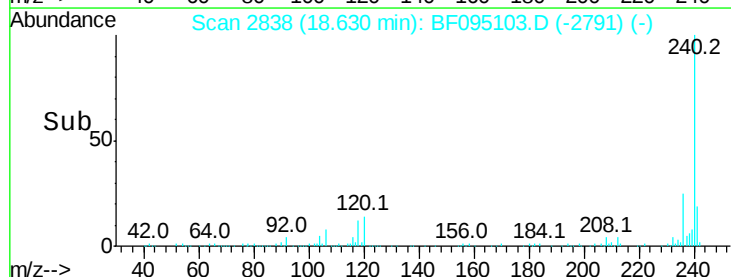
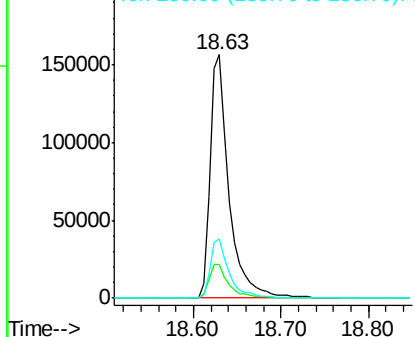


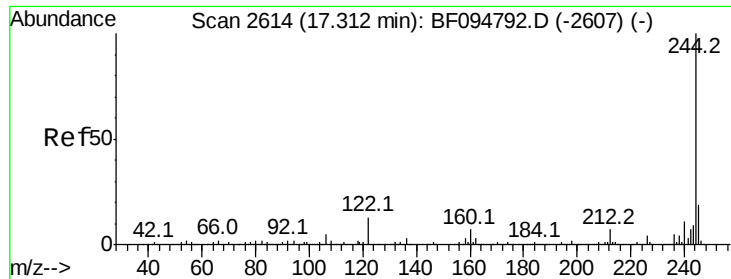
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095103.D
Acq: 12 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	24.5	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

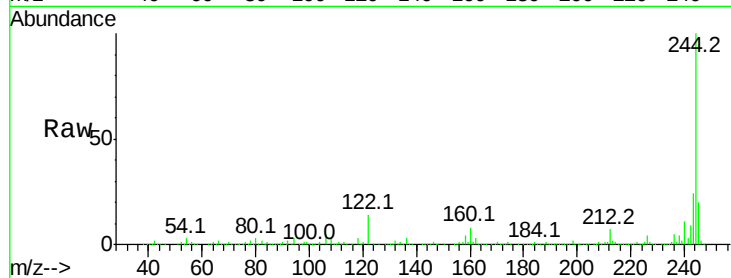




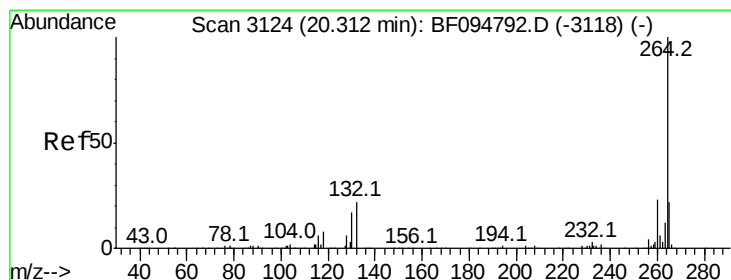
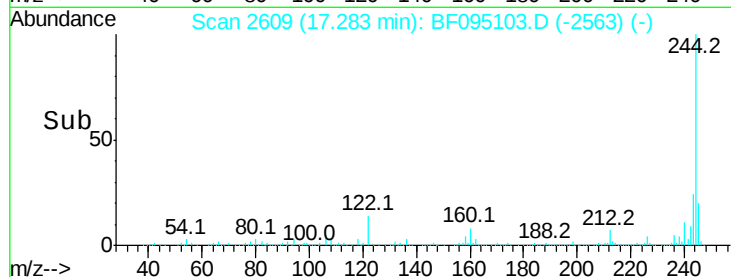
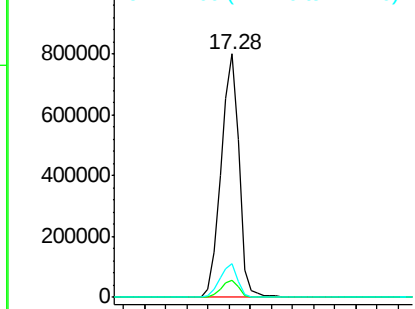
#78
 Terphenyl-d14
 Concen: 89.90 ng
 RT: 17.28 min Scan# 2609
 Delta R.T. -0.03 min
 Lab File: BF095103.D
 Acq: 12 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion:244 Resp: 955522
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.9 10.3 15.5

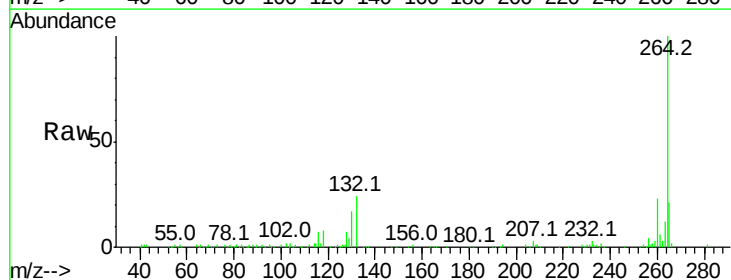


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095103.D
 Acq: 12 May 2017 4:08

Tgt Ion:264 Resp: 190522
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.9 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

