

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030619\
 Data File : BE098799.D
 Acq On : 6 Mar 2019 15:42
 Operator : JU/SJ
 Sample : K1701-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M1-T4A-OZ(POST)

Quant Time: Mar 07 01:45:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

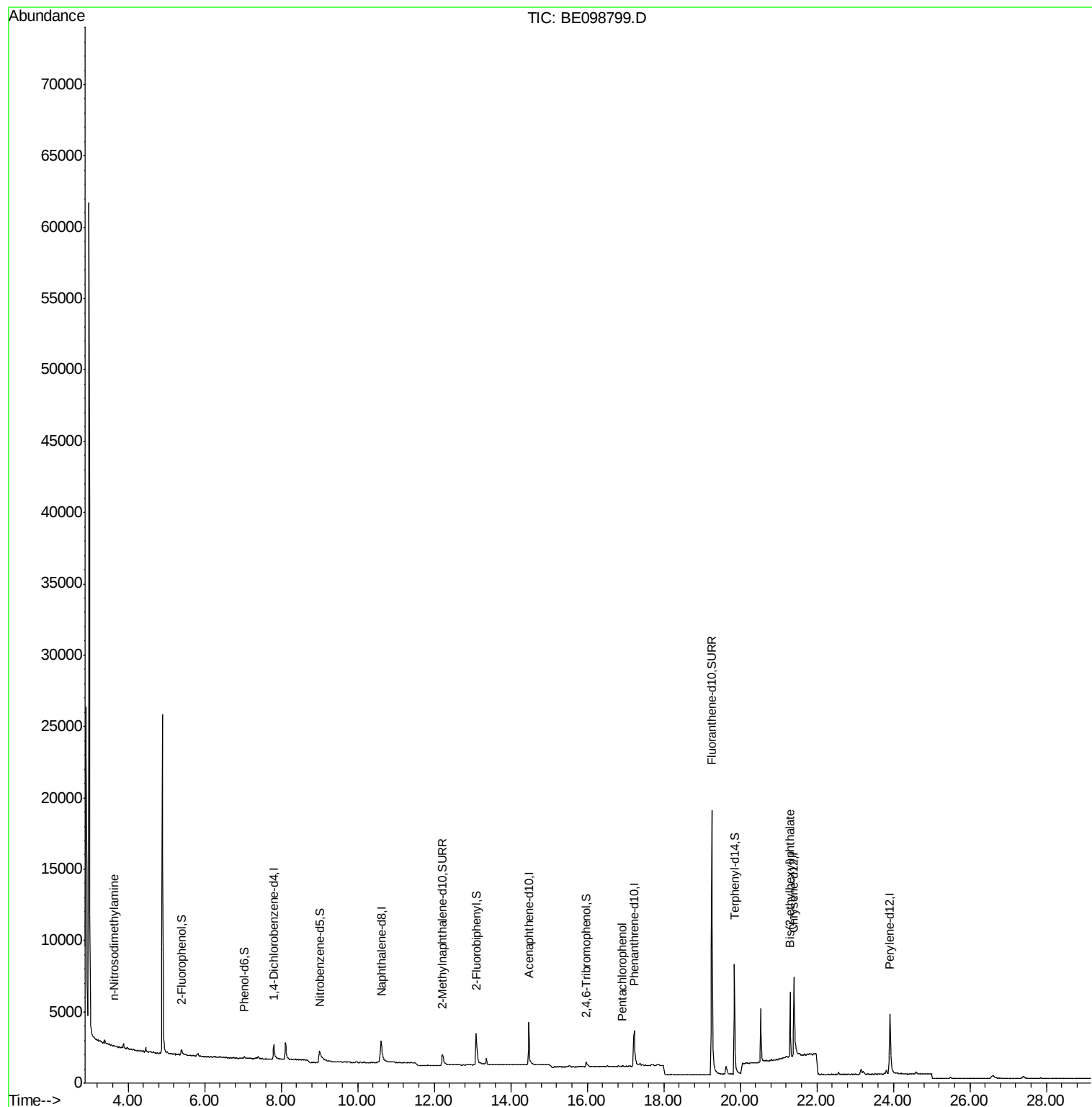
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	748	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	3002	0.40	ng	0.02
13) Acenaphthene-d10	14.47	164	2163	0.40	ng	0.02
19) Phenanthrene-d10	17.23	188	5798	0.40	ng	0.01
27) Chrysene-d12	21.40	240	7557	0.40	ng	0.00
34) Perylene-d12	23.91	264	7411	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	384	0.17	ng	0.01
5) Phenol-d6	7.03	99	240	0.08	ng	0.05
8) Nitrobenzene-d5	9.00	82	989	0.31	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2126	0.38	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	399	0.37	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	4190	0.47	ng	0.02
25) Fluoranthene-d10	19.25	212	31652	0.34	ng	0.00
29) Terphenyl-d14	19.85	244	8147	0.44	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.63	42	50	0.027	ng	Qvalue # 14
22) Pentachlorophenol	16.91	266	27	0.286	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	5039	0.100	ng	100

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

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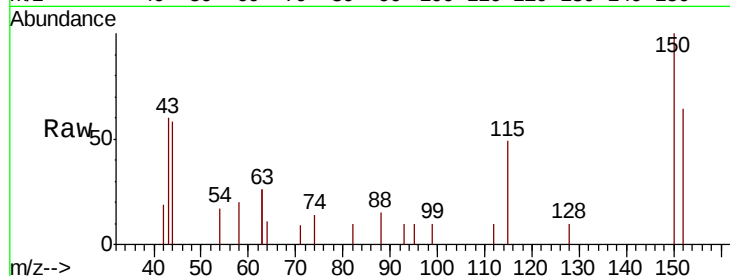


#1

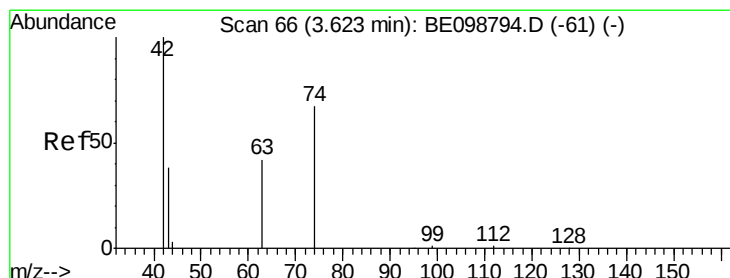
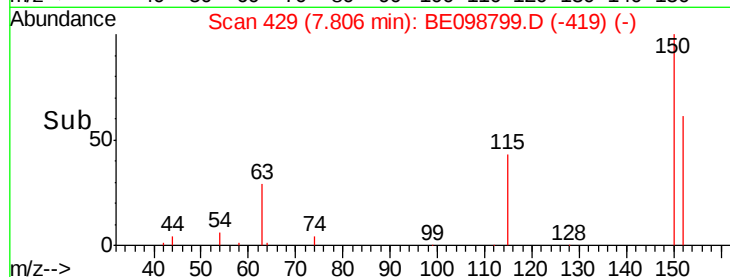
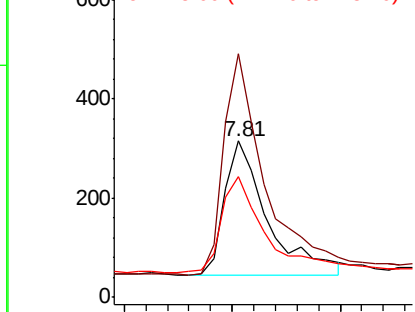
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Instrument :
BNA_E
ClientSampleId :
M1-T4A-OZ(POST)

Tgt Ion: 152 Resp: 748
Ion Ratio Lower Upper
152 100
150 155.9 122.5 183.7
115 76.8 57.4 86.2



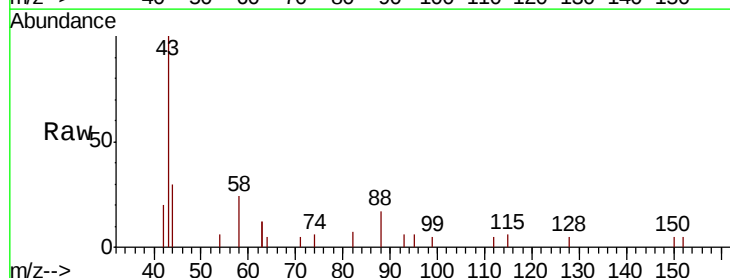
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



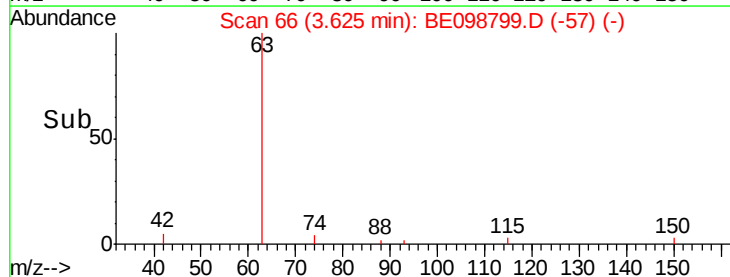
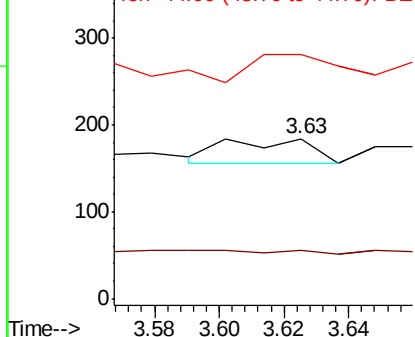
#3

n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.63 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Tgt Ion: 42 Resp: 50
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.4#
44 180.0 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.172 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098799.D

Acq: 6 Mar 2019 15:42

Instrument :

BNA_E

ClientSampleId :

M1-T4A-OZ(POST)

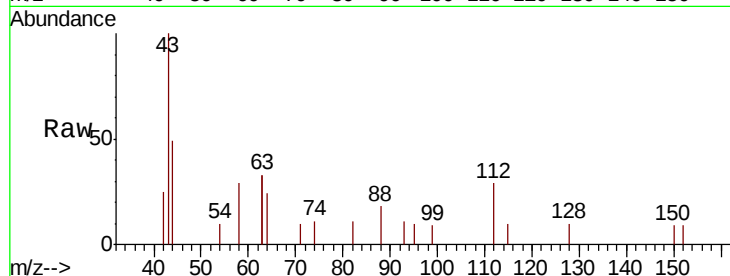
Tgt Ion: 112 Resp: 384

Ion Ratio Lower Upper

112 100

64 70.8 57.9 86.9

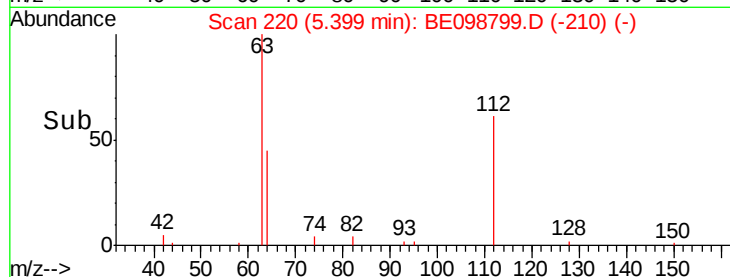
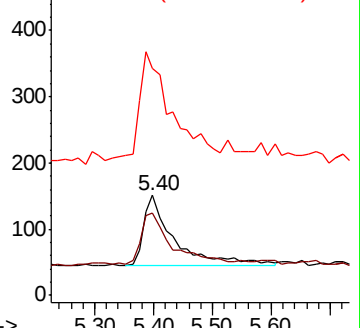
63 164.6 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.076 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE098799.D

Acq: 6 Mar 2019 15:42

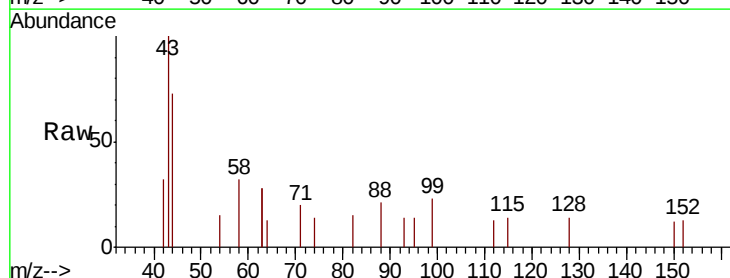
Tgt Ion: 99 Resp: 240

Ion Ratio Lower Upper

99 100

42 32.9 24.2 36.2

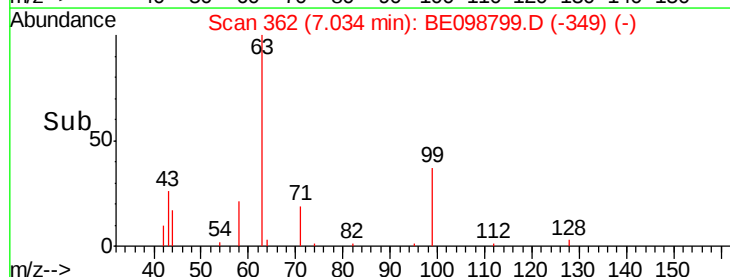
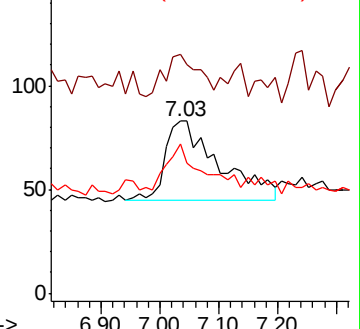
71 38.3 35.7 53.5



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: 10.61 min Scan# 650

Delta R.T. 0.02 min

Lab File: BE098799.D

Acq: 6 Mar 2019 15:42

Instrument :

BNA_E

ClientSampleId :

M1-T4A-OZ(POST)

Tgt Ion: 136 Resp: 3002

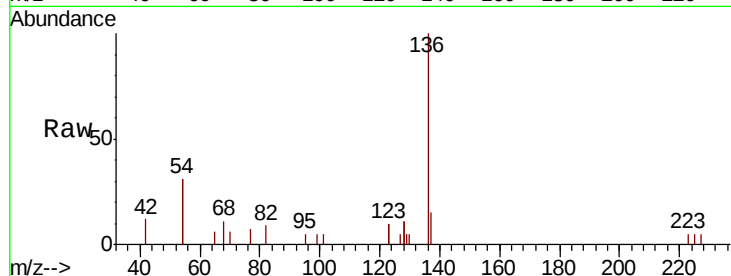
Ion Ratio Lower Upper

136 100

137 15.4 11.4 17.0

54 61.8 39.3 58.9#

68 10.6 6.7 10.1#

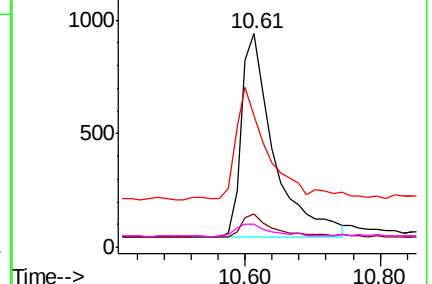
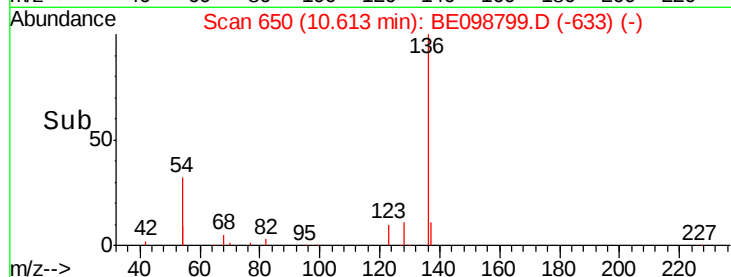


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.314 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098799.D

Acq: 6 Mar 2019 15:42

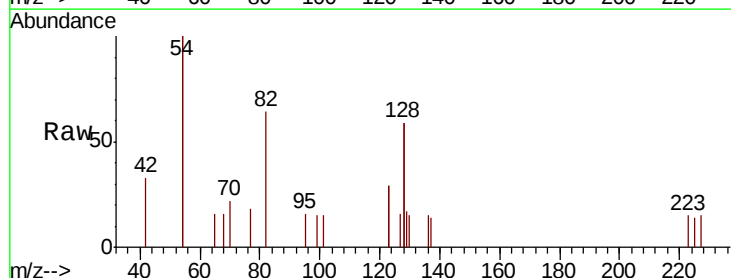
Tgt Ion: 82 Resp: 989

Ion Ratio Lower Upper

82 100

128 186.1 123.8 185.8#

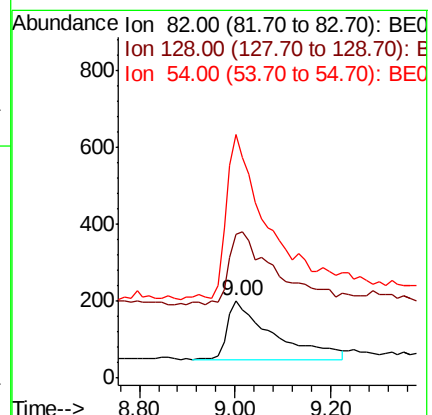
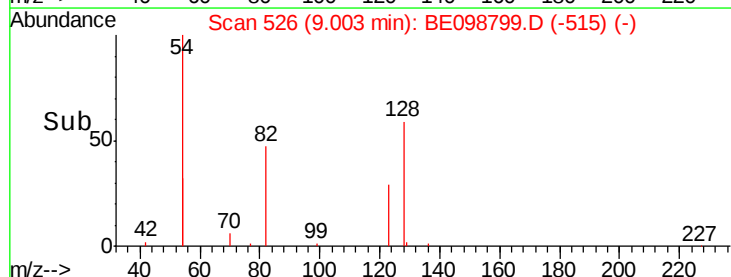
54 314.4 203.4 305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

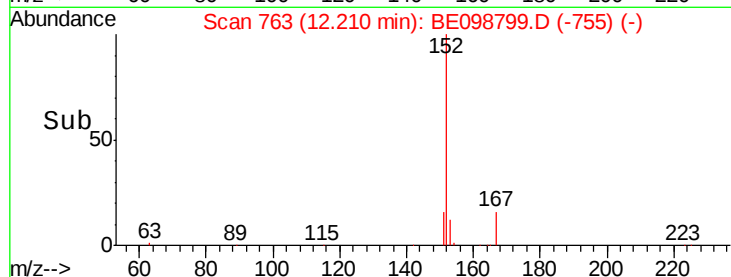
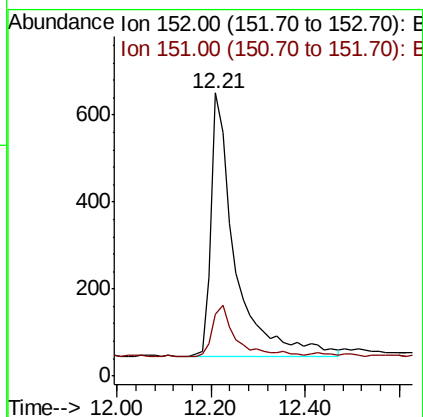
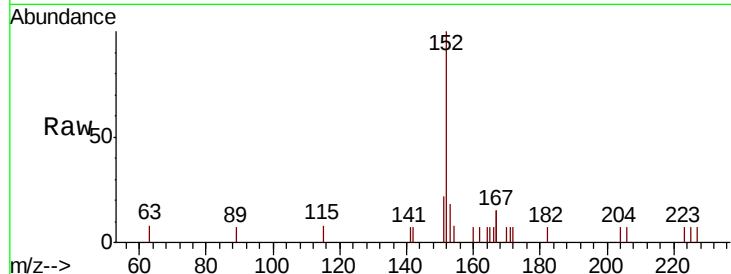




#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.02 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

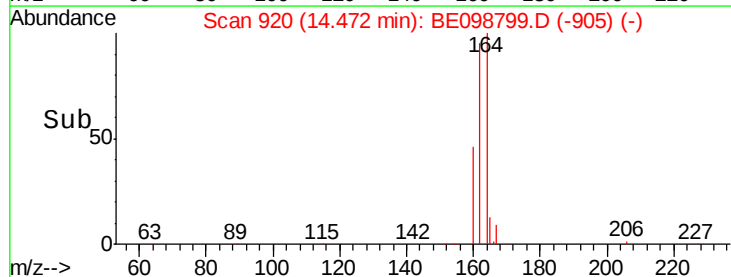
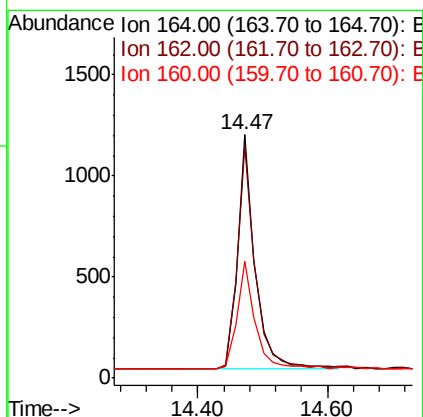
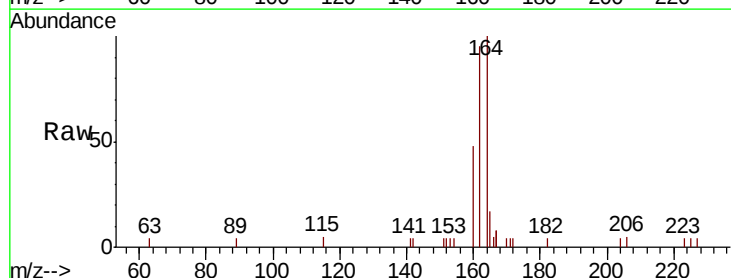
Instrument :
BNA_E
ClientSampleId :
M1-T4A-OZ(POST)

Tgt Ion:152 Resp: 2126
Ion Ratio Lower Upper
152 100
151 19.3 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.02 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Tgt Ion:164 Resp: 2163
Ion Ratio Lower Upper
164 100
162 95.3 80.2 120.2
160 48.0 37.8 56.8

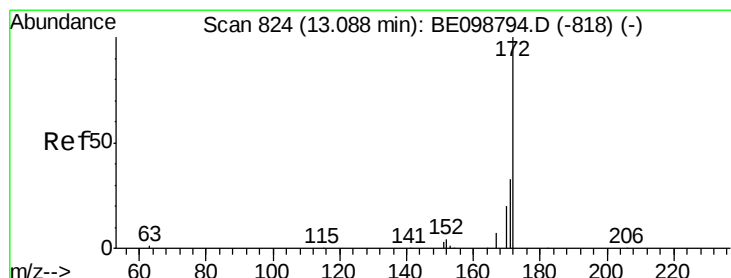
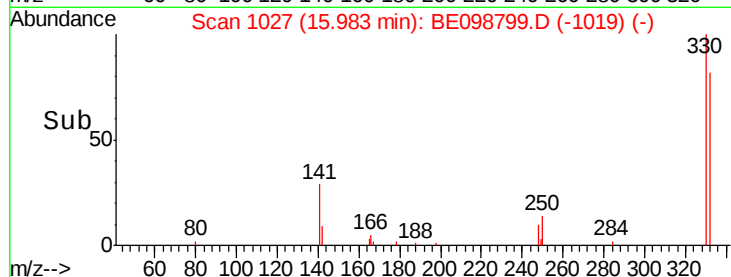
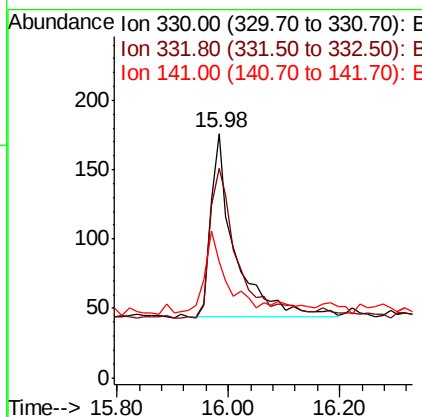
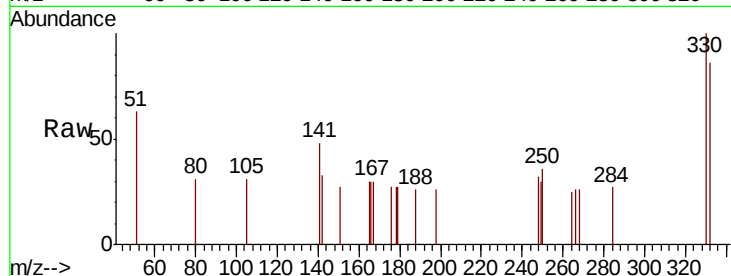




#14
 2,4,6-Tribromophenol
 Concen: 0.365 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE098799.D
 Acq: 6 Mar 2019 15:42

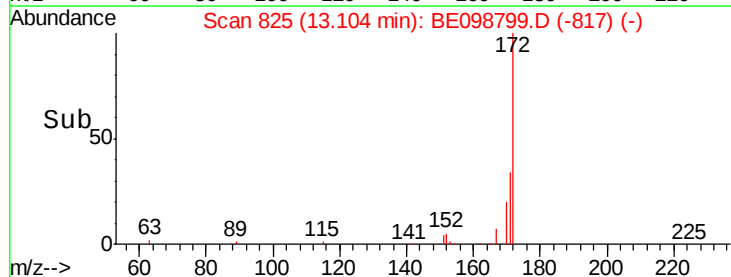
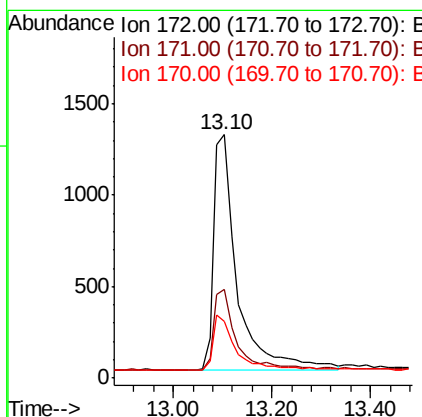
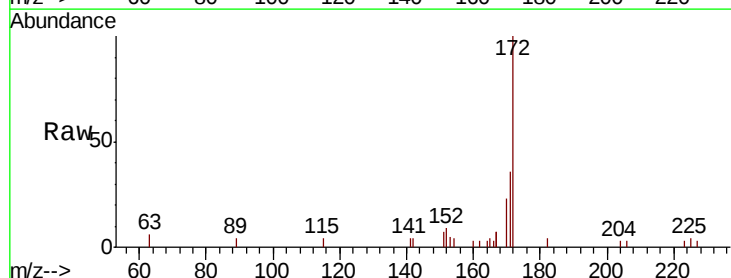
Instrument :
 BNA_E
 ClientSampleId :
 M1-T4A-OZ(POST)

Tgt Ion: 330 Resp: 399
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.6 116.4
 141 37.3 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.468 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.02 min
 Lab File: BE098799.D
 Acq: 6 Mar 2019 15:42

Tgt Ion: 172 Resp: 4190
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.0 42.0
 170 23.1 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE098799.D

Acq: 6 Mar 2019 15:42

Instrument :

BNA_E

ClientSampleId :

M1-T4A-OZ(POST)

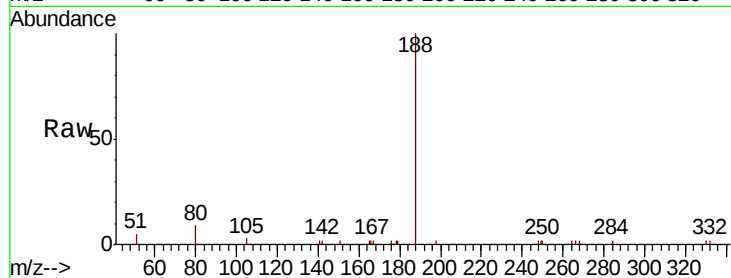
Tgt Ion:188 Resp: 5798

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

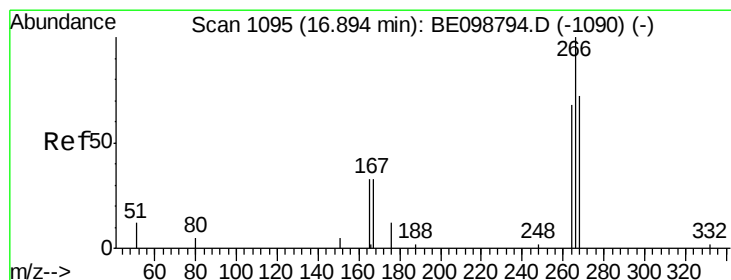
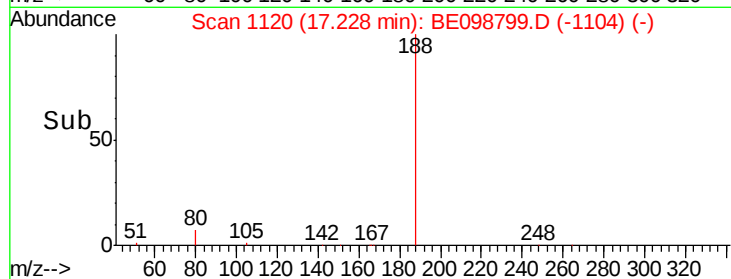
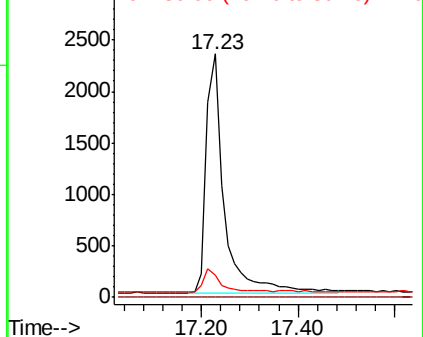
80 9.2 6.3 9.5



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



#22

Pentachlorophenol

Concen: 0.286 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098799.D

Acq: 6 Mar 2019 15:42

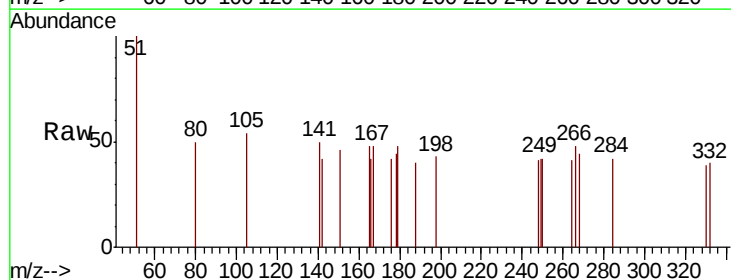
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

266 100

264 85.2 66.6 100.0

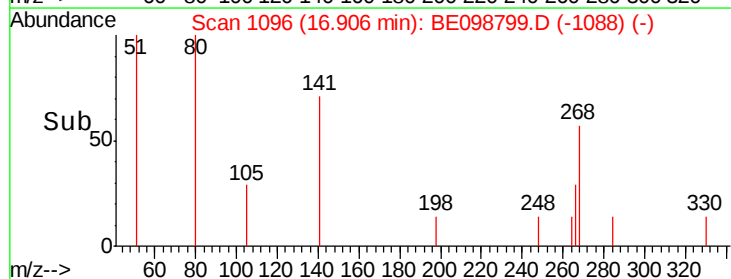
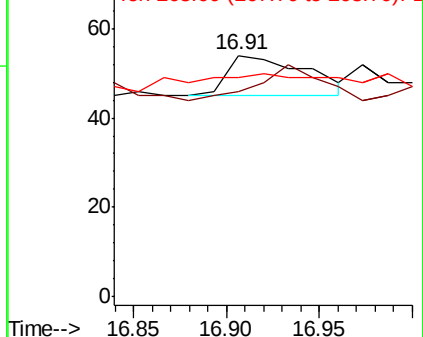
268 90.7 69.8 104.8



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.342 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE098799.D

Acq: 6 Mar 2019 15:42

Instrument :

BNA_E

ClientSampleId :

M1-T4A-OZ(POST)

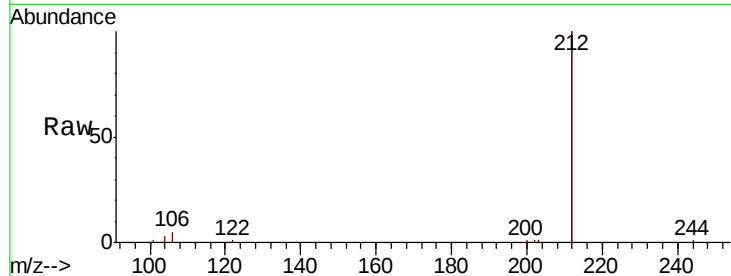
Tgt Ion:212 Resp: 31652

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

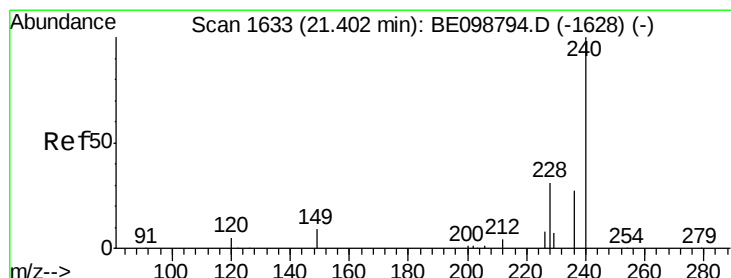
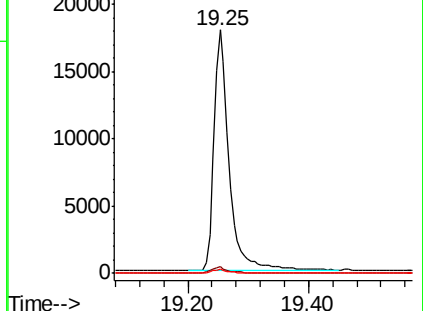
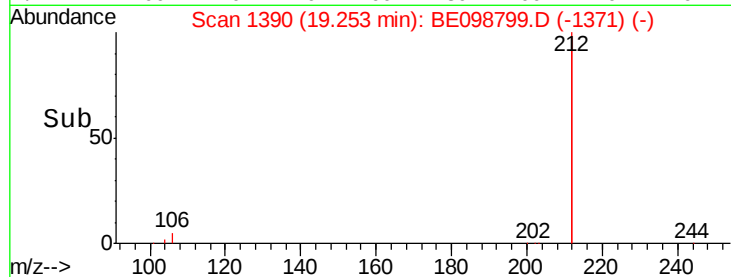
104 1.3 1.0 1.6



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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098799.D

Acq: 6 Mar 2019 15:42

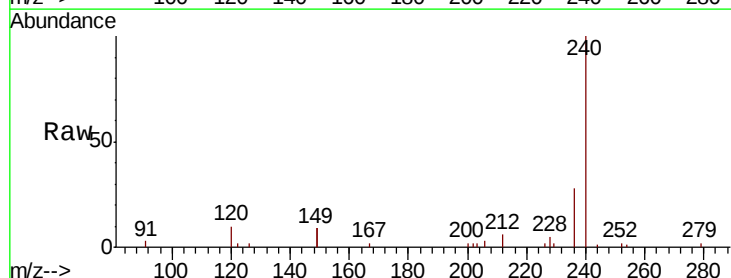
Tgt Ion:240 Resp: 7557

Ion Ratio Lower Upper

240 100

120 9.7 5.0 7.4#

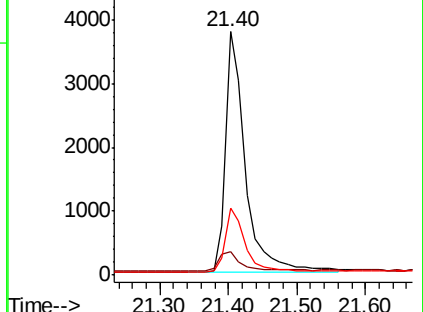
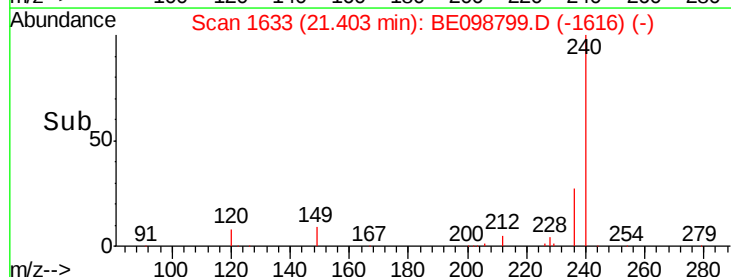
236 27.7 22.7 34.1



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: 0.444 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098799.D

Acq: 6 Mar 2019 15:42

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M1-T4A-OZ(POST)

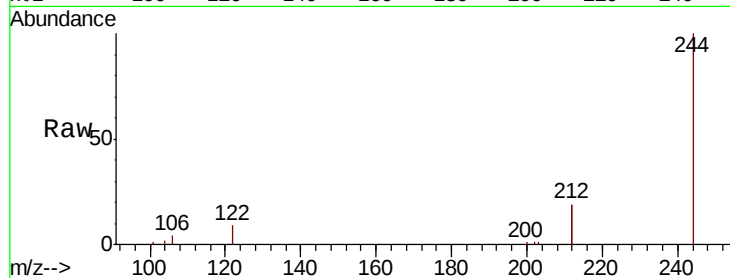
Tgt Ion:244 Resp: 8147

Ion Ratio Lower Upper

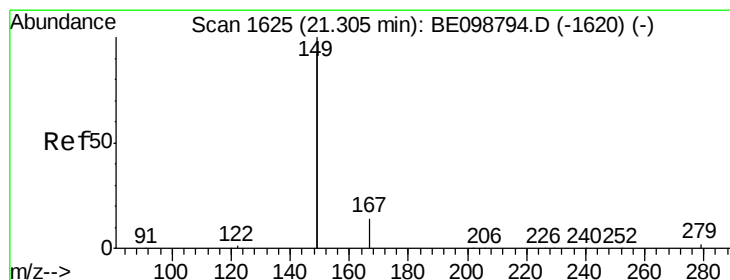
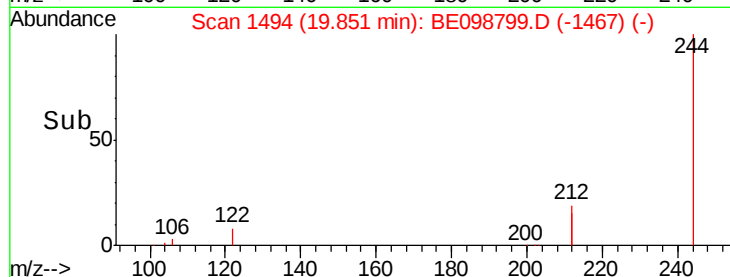
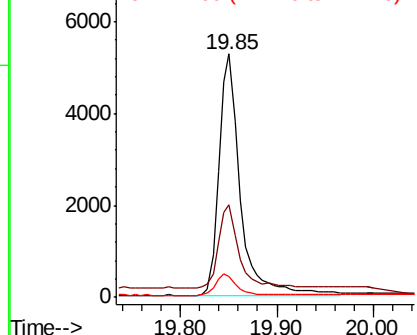
244 100

212 38.2 29.4 44.2

122 8.8 7.1 10.7



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: 0.100 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE098799.D

Acq: 6 Mar 2019 15:42

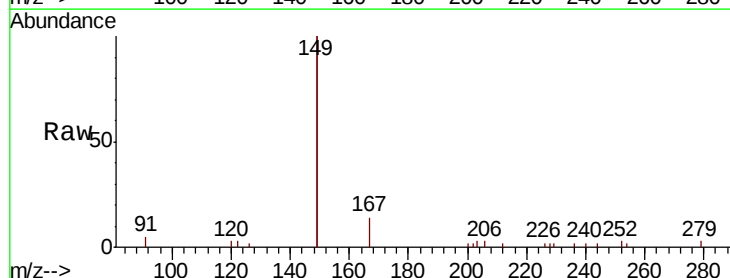
Tgt Ion:149 Resp: 5039

Ion Ratio Lower Upper

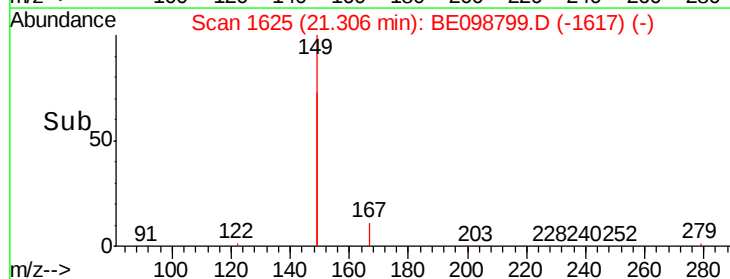
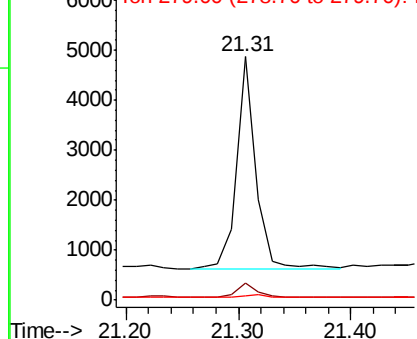
149 100

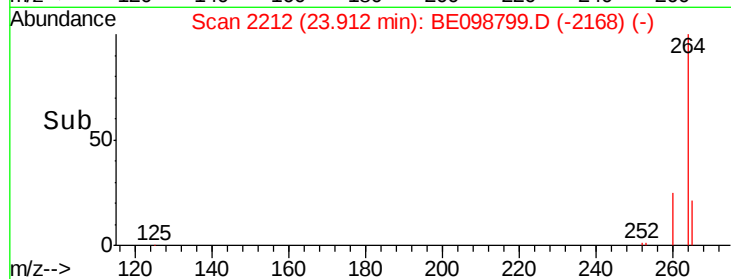
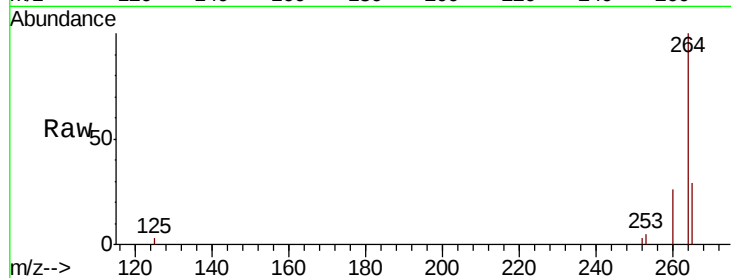
167 6.5 5.4 8.0

279 1.3 1.0 1.4



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# 2212

Delta R.T. 0.01 min

Lab File: BE098799.D

Acq: 6 Mar 2019 15:42

Instrument :

BNA_E

ClientSampleId :

M1-T4A-OZ(POST)

Tgt Ion:264 Resp: 7411

Ion Ratio Lower Upper

264 100

260 26.4 21.2 31.8

265 29.1 24.6 36.8

