

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098841.D
 Acq On : 8 Mar 2019 19:15
 Operator : JU/SJ
 Sample : K1793-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20190305

Quant Time: Mar 09 00:46:10 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

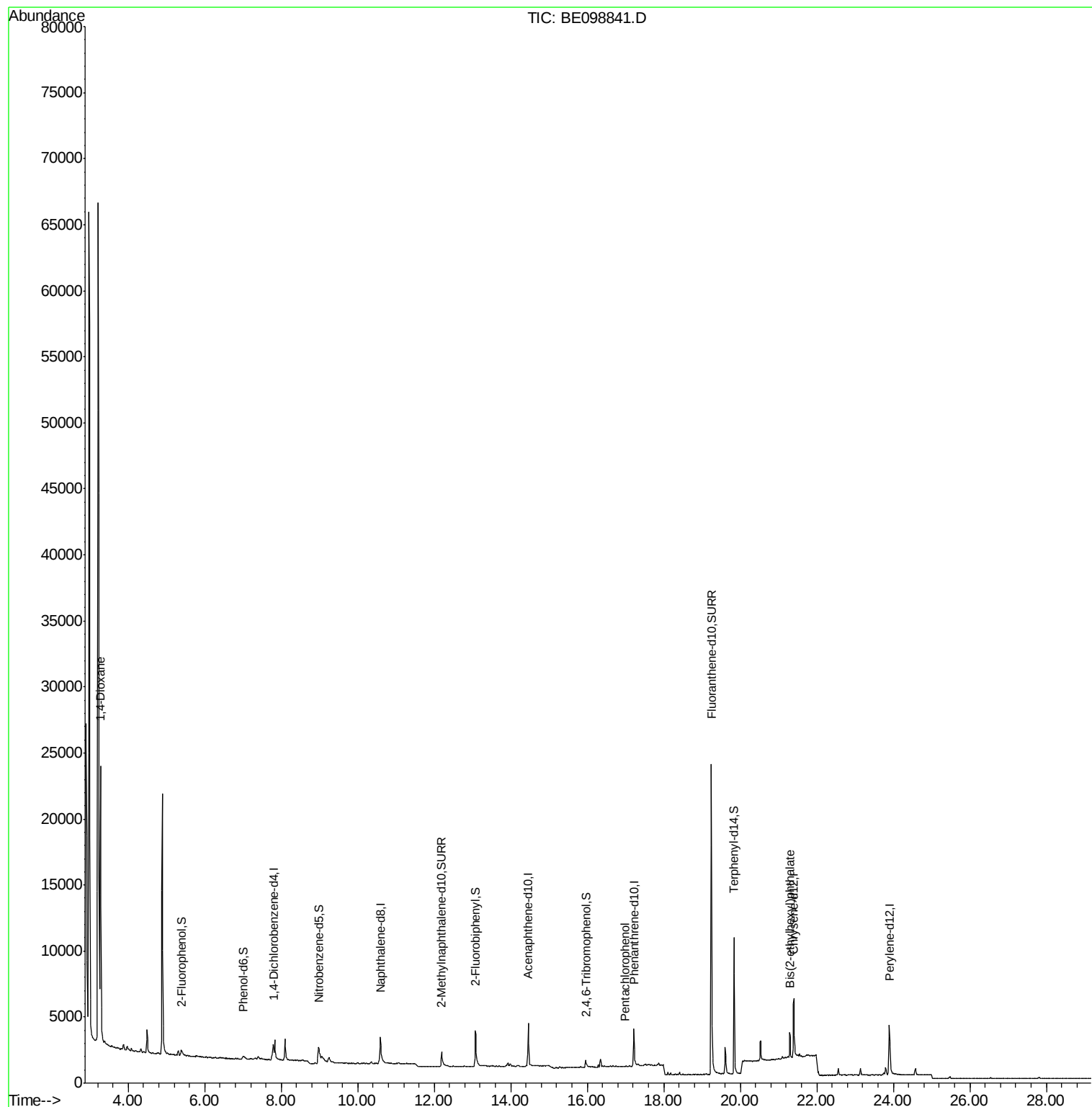
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	804	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3130	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2140	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5283	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6578	0.40	ng	0.00
34) Perylene-d12	23.89	264	6574	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	443	0.18	ng	0.01
5) Phenol-d6	7.00	99	301	0.09	ng	0.01
8) Nitrobenzene-d5	8.98	82	1332	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2350	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	499	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	4190	0.47	ng	-0.01
25) Fluoranthene-d10	19.24	212	36702	0.44	ng	0.00
29) Terphenyl-d14	19.84	244	9392	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	11306	9.030	ng	100
22) Pentachlorophenol	16.97	266	6	0.270	ng	89
32) Bis(2-ethylhexyl)phthalate	21.29	149	2825	0.065	ng	99

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

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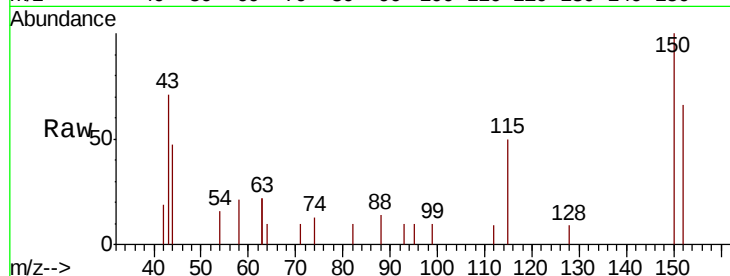


#1

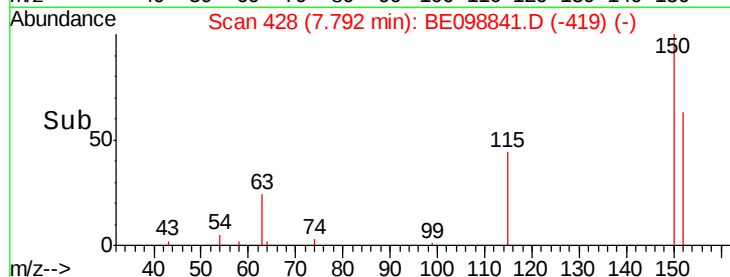
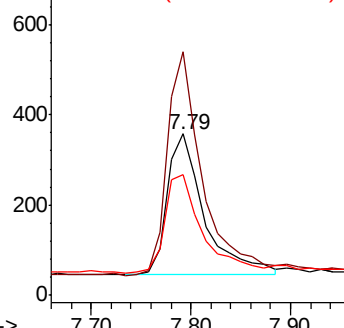
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098841.D
Acq: 8 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
DUP01-20190305

Tot Ion:152 Resp: 804
Ion Ratio Lower Upper
152 100
150 150.6 122.5 183.7
115 74.6 57.4 86.2



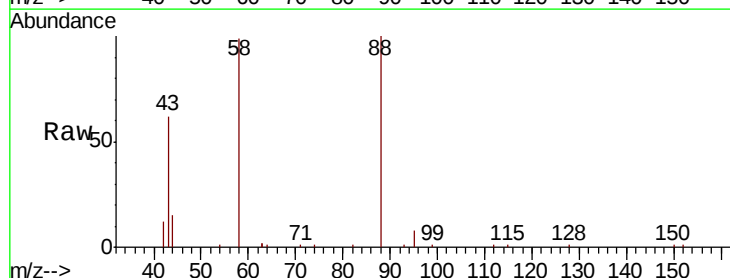
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



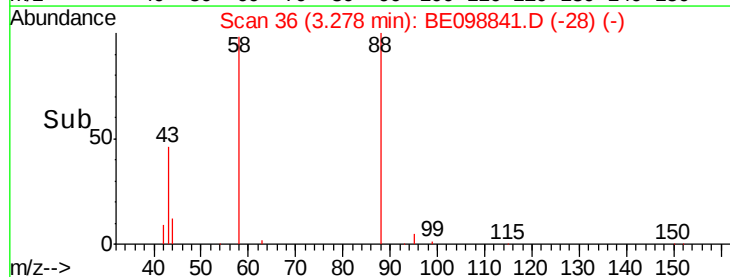
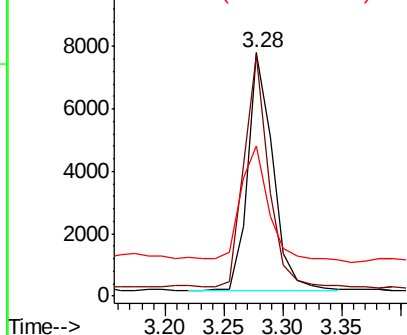
#2

1,4-Dioxane
Concen: 9.030 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098841.D
Acq: 8 Mar 2019 19:15

Tgt Ion: 88 Resp: 11306
Ion Ratio Lower Upper
88 100
58 95.1 75.8 113.6
43 52.6 41.8 62.8



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.184 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098841.D

Acq: 8 Mar 2019 19:15

Instrument :

BNA_E

ClientSampleId :

DUP01-20190305

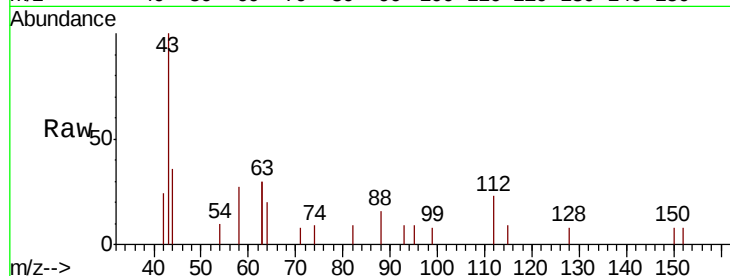
Tot Ion:112 Resp: 443

Ion Ratio Lower Upper

112 100

64 70.9 57.9 86.9

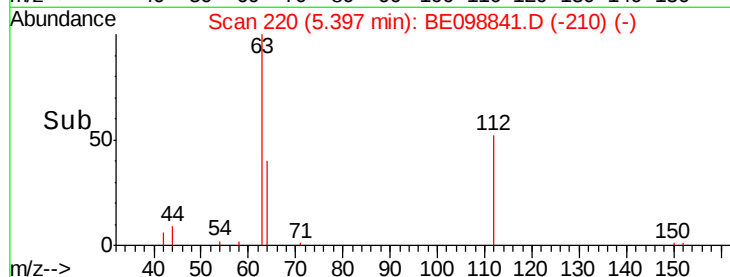
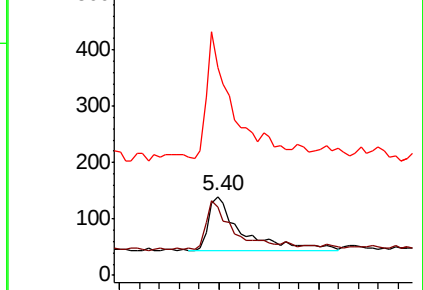
63 155.3 158.3 237.5#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.089 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098841.D

Acq: 8 Mar 2019 19:15

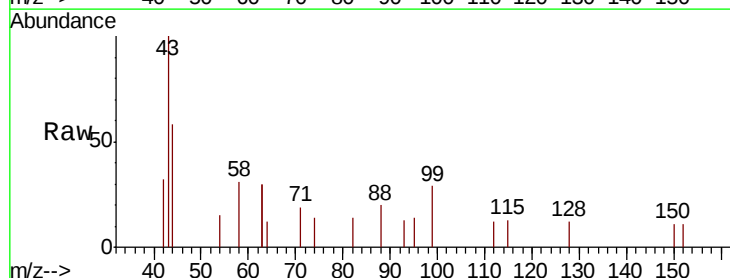
Tgt Ion: 99 Resp: 301

Ion Ratio Lower Upper

99 100

42 31.6 24.2 36.2

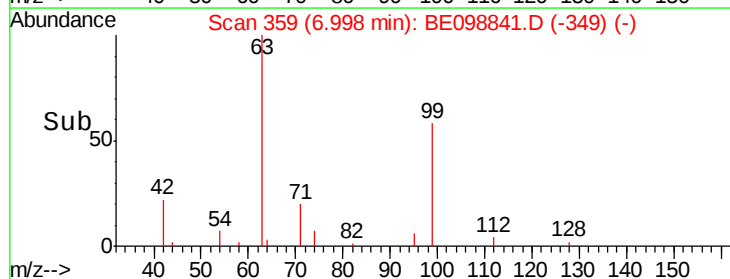
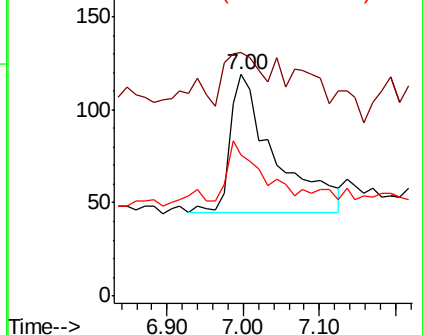
71 33.6 35.7 53.5#



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: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098841.D

Acq: 8 Mar 2019 19:15

Instrument :

BNA_E

ClientSampleId :

DUP01-20190305

Tot Ion:136 Resp: 3130

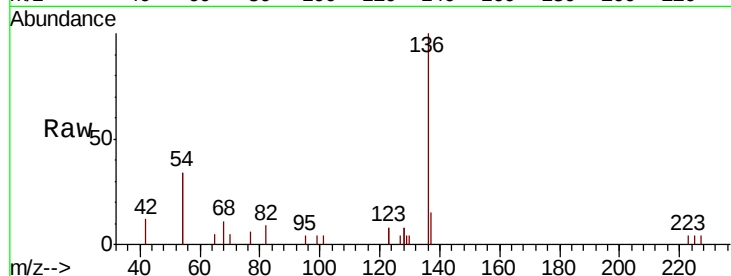
Ion Ratio Lower Upper

136 100

137 14.9 11.4 17.0

54 68.9 39.3 58.9#

68 10.6 6.7 10.1#

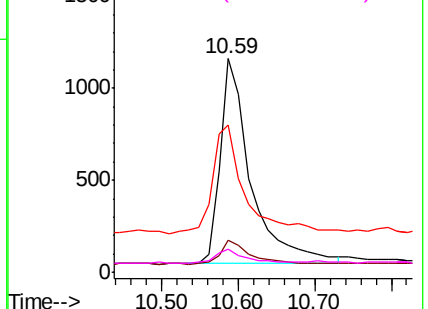
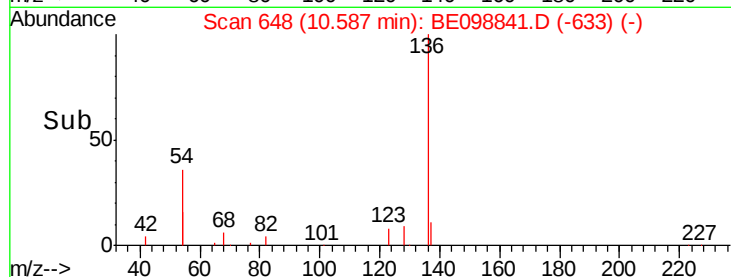


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.406 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098841.D

Acq: 8 Mar 2019 19:15

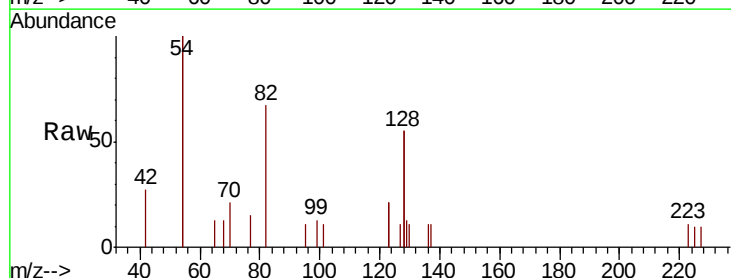
Tgt Ion: 82 Resp: 1332

Ion Ratio Lower Upper

82 100

128 164.7 123.8 185.8

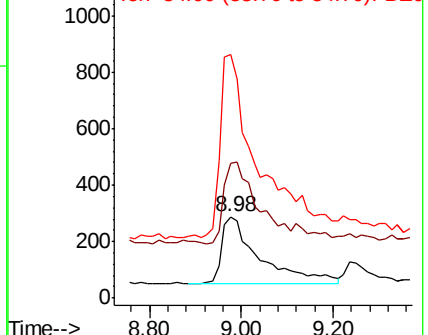
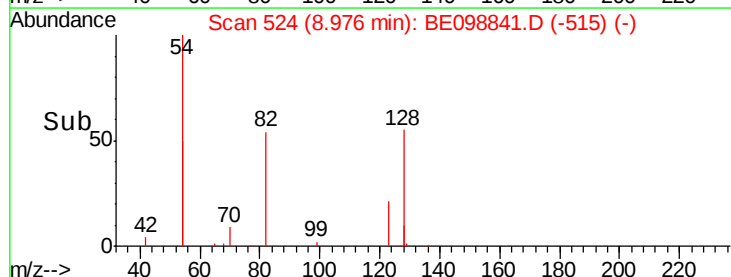
54 298.3 203.4 305.2



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

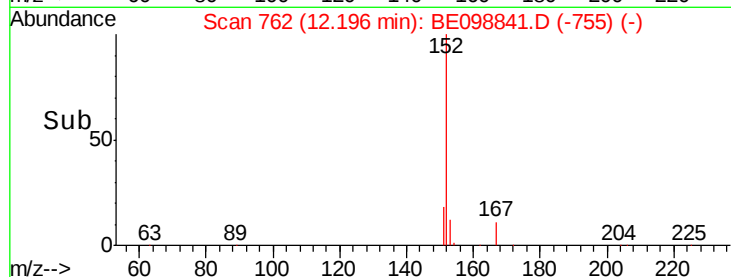
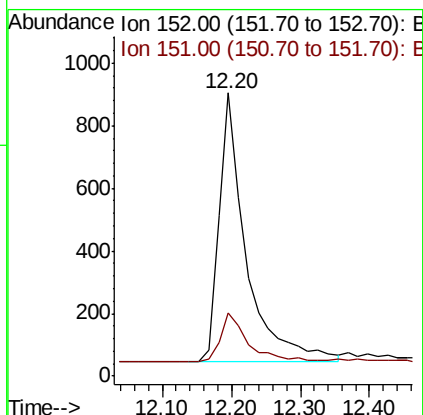
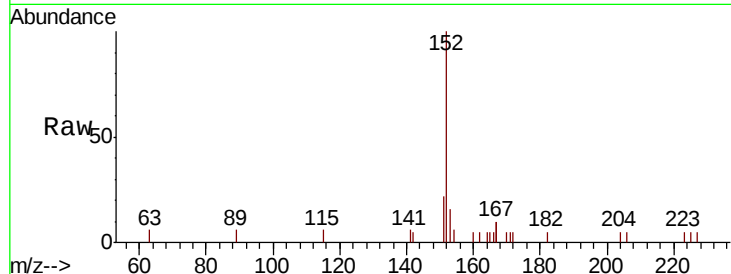




#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098841.D
Acq: 8 Mar 2019 19:15

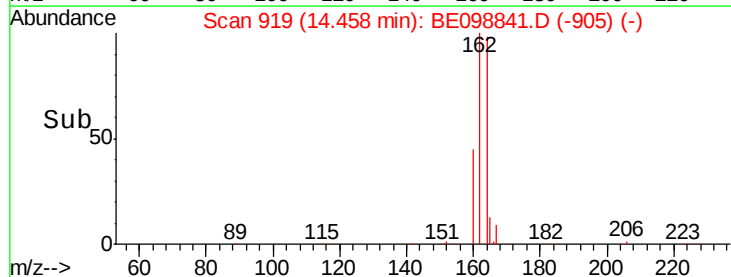
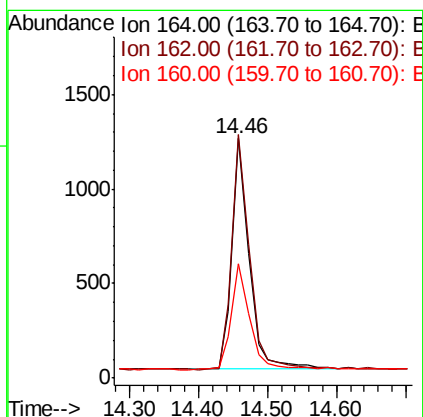
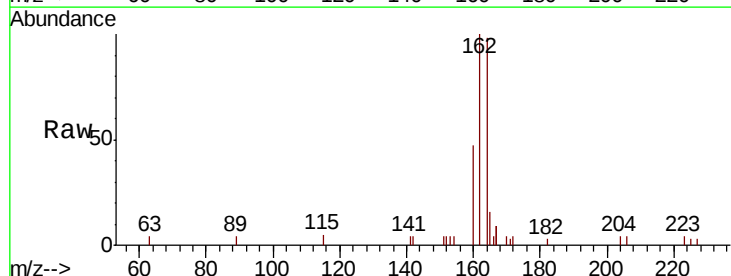
Instrument :
BNA_E
ClientSampleId :
DUP01-20190305

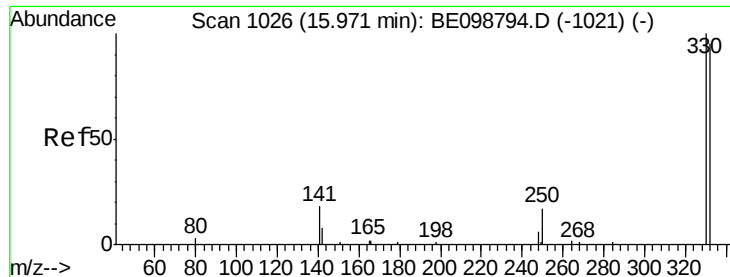
Tot Ion:152 Resp: 2350
Ion Ratio Lower Upper
152 100
151 18.1 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098841.D
Acq: 8 Mar 2019 19:15

Tgt Ion:164 Resp: 2140
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 47.5 37.8 56.8

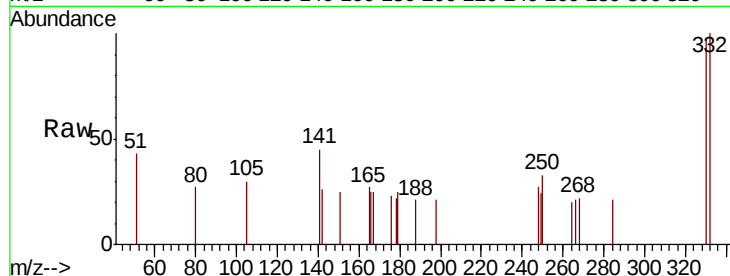




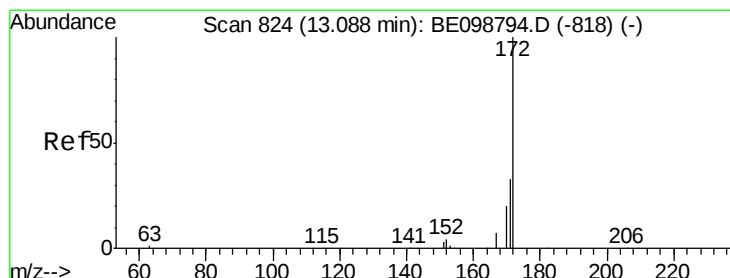
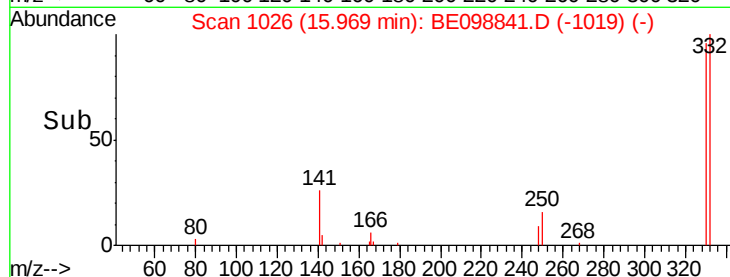
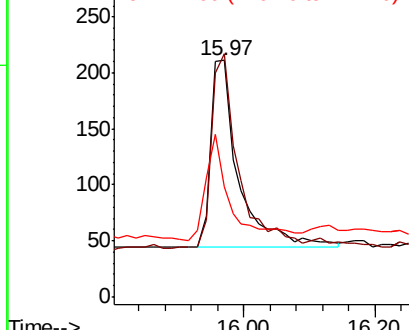
#14
 2,4,6-Tribromophenol
 Concen: 0.462 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098841.D
 Acq: 8 Mar 2019 19:15

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20190305

Tot Ion:330 Resp: 499
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.6 116.4
 141 49.7 31.0 46.4#

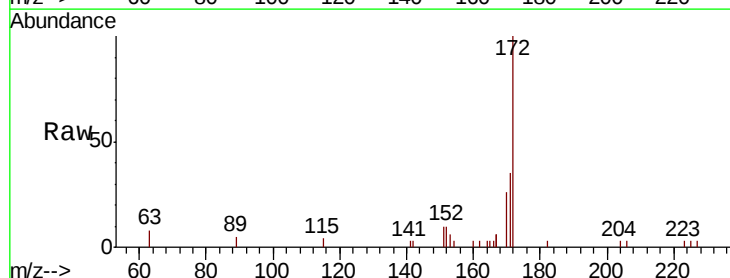


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

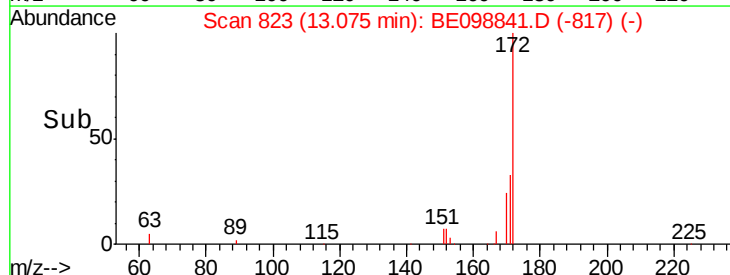
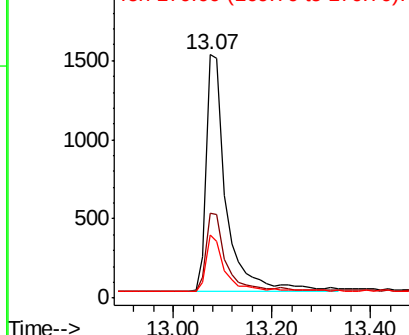


#15
 2-Fluorobiphenyl
 Concen: 0.473 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE098841.D
 Acq: 8 Mar 2019 19:15

Tgt Ion:172 Resp: 4190
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.0 42.0
 170 26.1 17.7 26.5



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098841.D

Acq: 8 Mar 2019 19:15

Instrument :

BNA_E

ClientSampleId :

DUP01-20190305

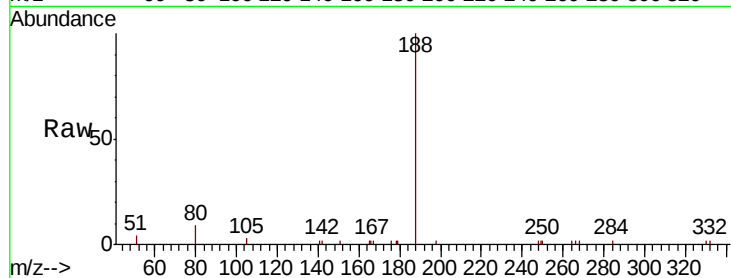
Tot Ion:188 Resp: 5283

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

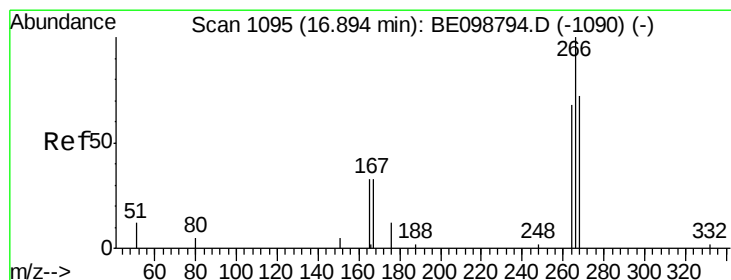
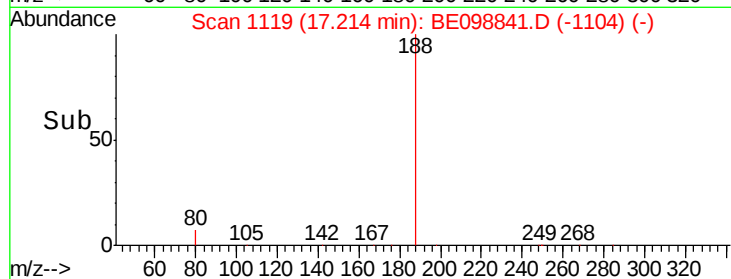
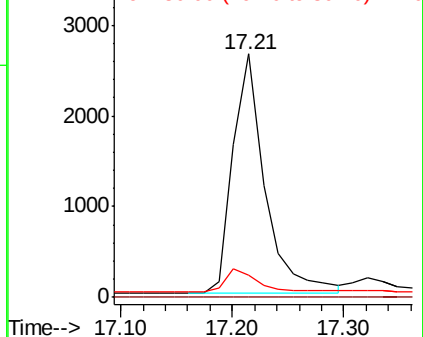
80 9.1 6.3 9.5



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: 0.270 ng

RT: 16.97 min Scan# 1101

Delta R.T. 0.08 min

Lab File: BE098841.D

Acq: 8 Mar 2019 19:15

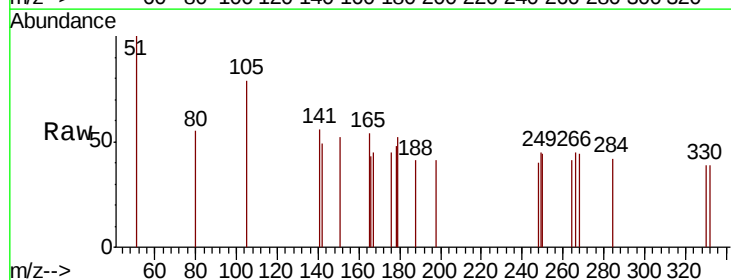
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 92.0 66.6 100.0

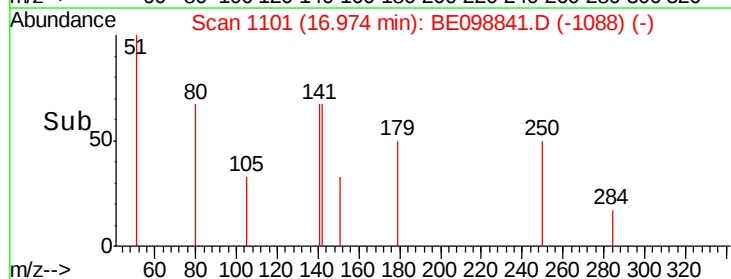
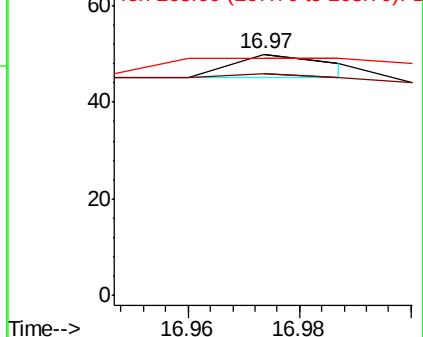
268 98.0 69.8 104.8

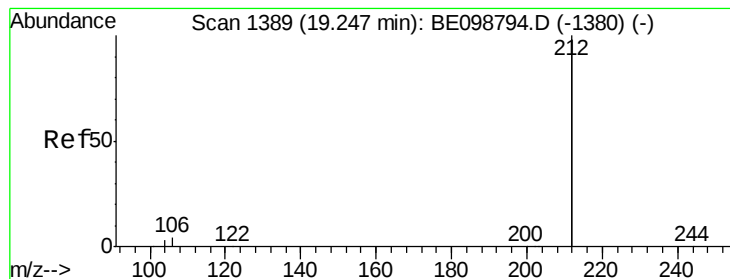


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.435 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098841.D

Acq: 8 Mar 2019 19:15

Instrument :

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DUP01-20190305

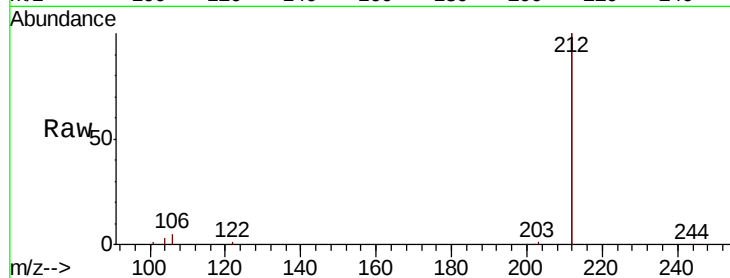
Tot Ion:212 Resp: 36702

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

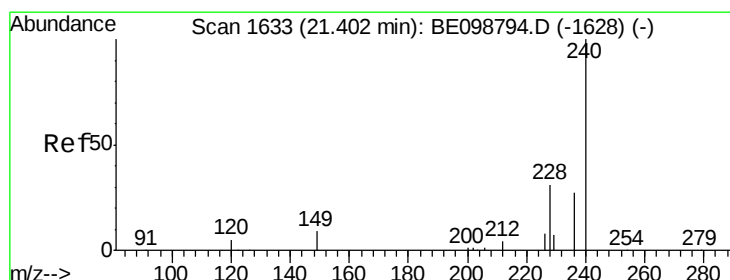
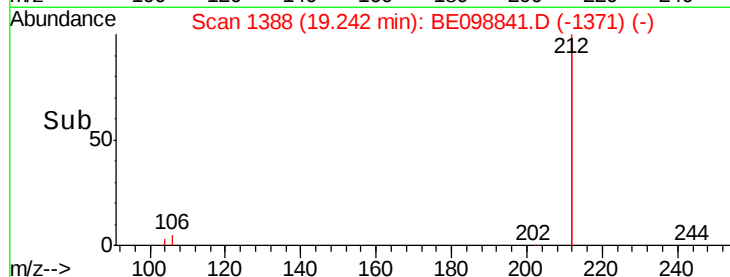
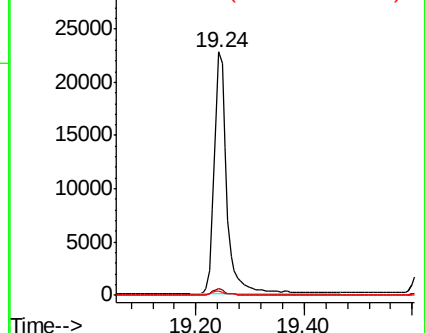
104 1.4 1.0 1.6



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: BE098841.D

Acq: 8 Mar 2019 19:15

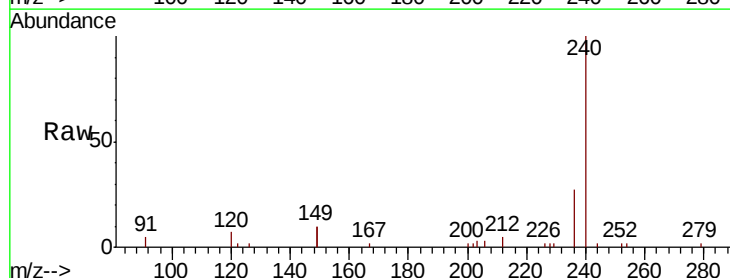
Tgt Ion:240 Resp: 6578

Ion Ratio Lower Upper

240 100

120 6.5 5.0 7.4

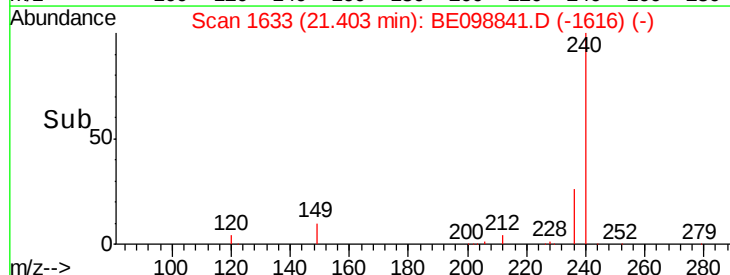
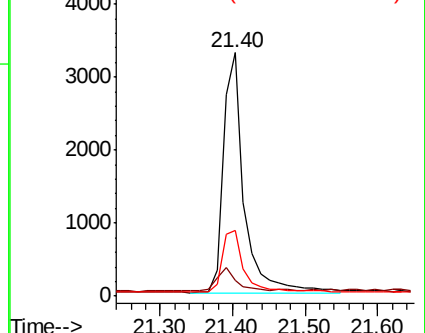
236 27.0 22.7 34.1



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: 0.588 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098841.D

Acq: 8 Mar 2019 19:15

Instrument :

BNA_E

ClientSampleId :

DUP01-20190305

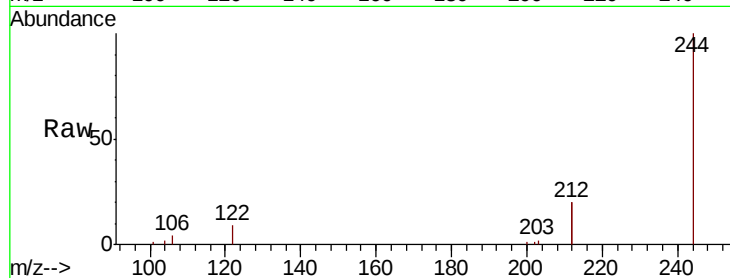
Tot Ion:244 Resp: 9392

Ion Ratio Lower Upper

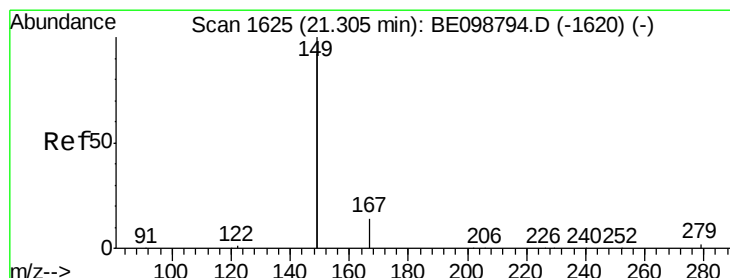
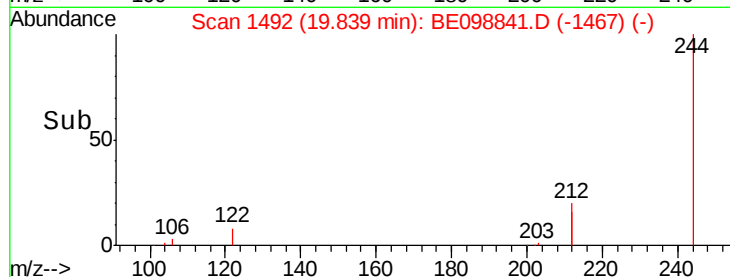
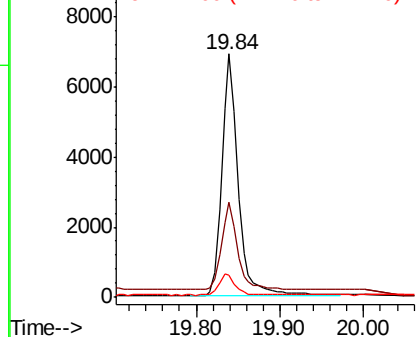
244 100

212 39.3 29.4 44.2

122 9.1 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: 0.065 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098841.D

Acq: 8 Mar 2019 19:15

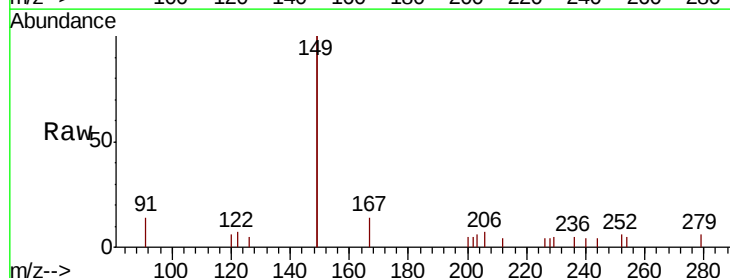
Tgt Ion:149 Resp: 2825

Ion Ratio Lower Upper

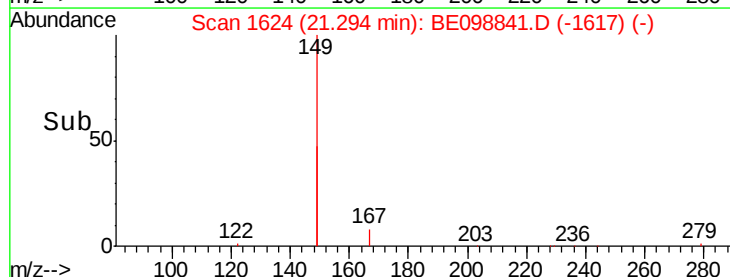
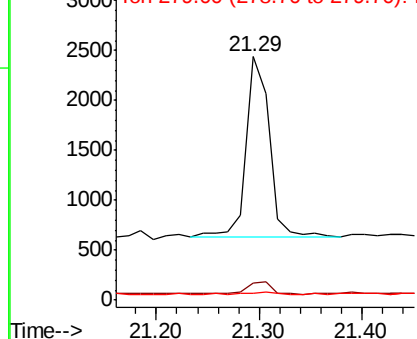
149 100

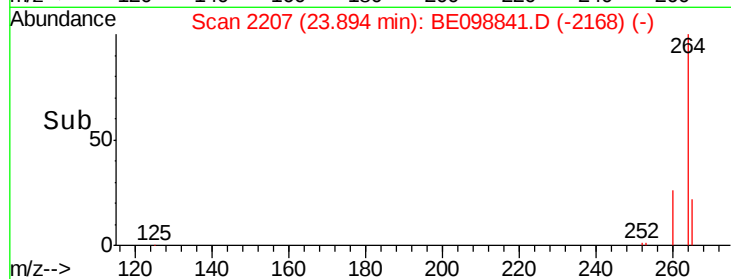
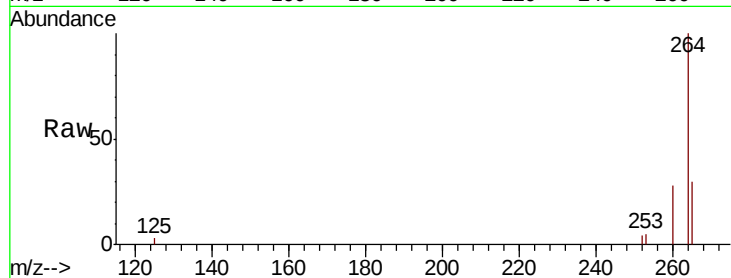
167 7.3 5.4 8.0

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
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BE098841.D
 Acq: 8 Mar 2019 19:15

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20190305

Tot Ion:264 Resp: 6574
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.2 31.8
 265 29.7 24.6 36.8

