

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098922.D
 Acq On : 13 Mar 2019 21:29
 Operator : JU/SJ
 Sample : K1856-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 06:56:54 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

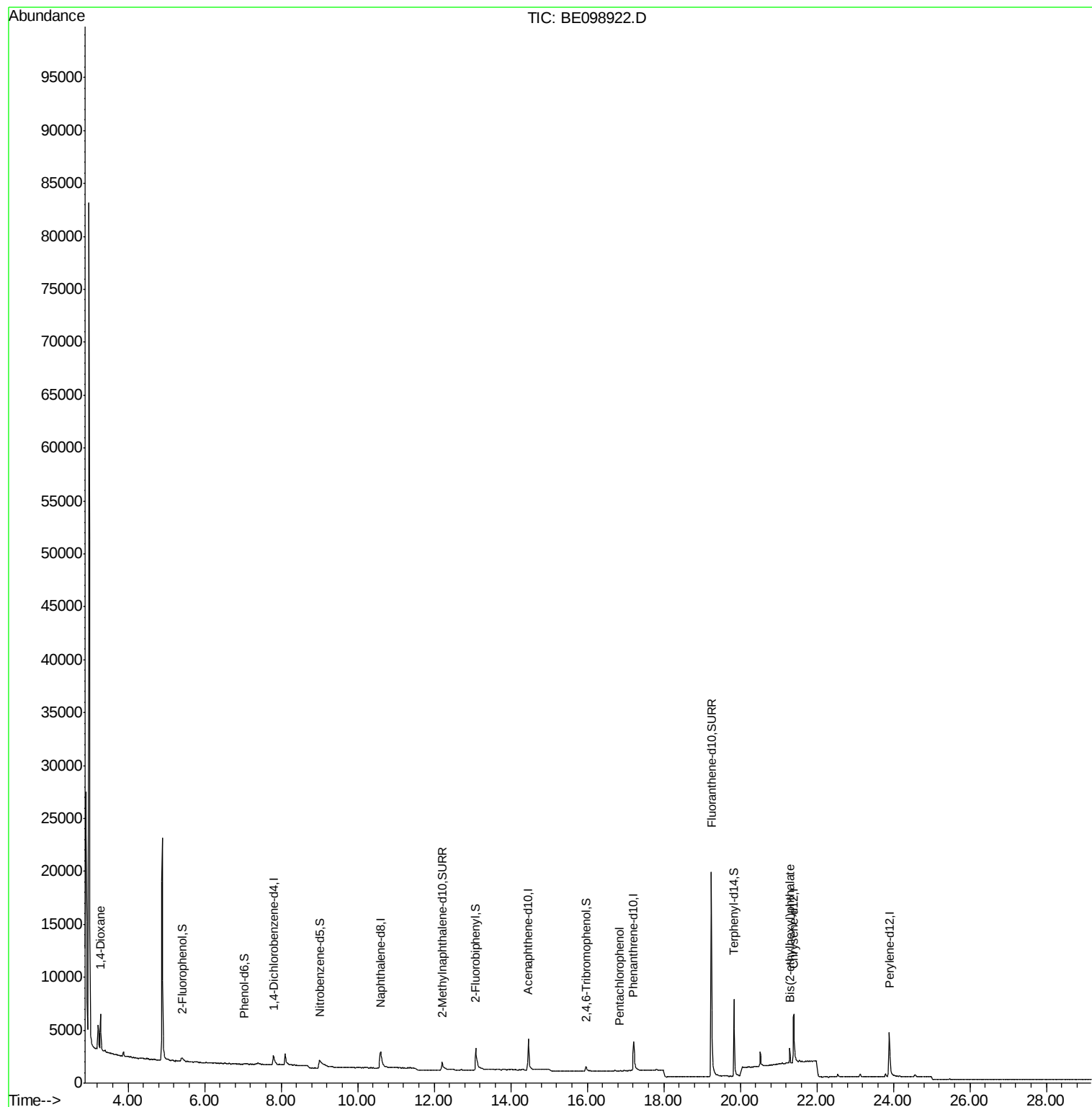
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	796	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3472	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2539	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6399	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7463	0.40	ng	0.00
34) Perylene-d12	23.89	264	7471	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	373	0.16	ng	0.03
5) Phenol-d6	7.04	99	266	0.08	ng	0.05
8) Nitrobenzene-d5	9.02	82	1138	0.31	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2229	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	491	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4111	0.39	ng	0.00
25) Fluoranthene-d10	19.24	212	32133	0.31	ng	0.00
29) Terphenyl-d14	19.84	244	8017	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	1919	1.462	ng	97
22) Pentachlorophenol	16.84	266	9	0.271	ng	87
32) Bis(2-ethylhexyl)phthalate	21.29	149	1697	0.034	ng	# 98

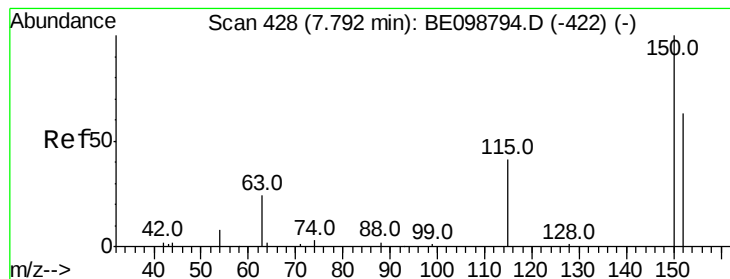
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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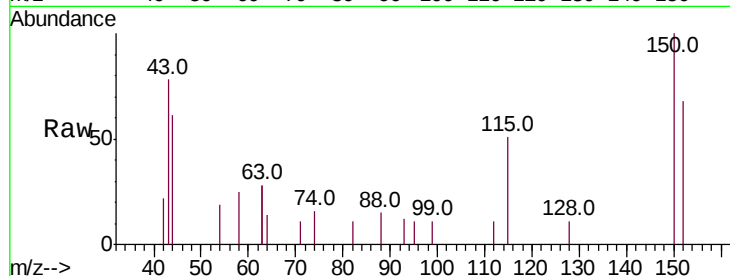


#1

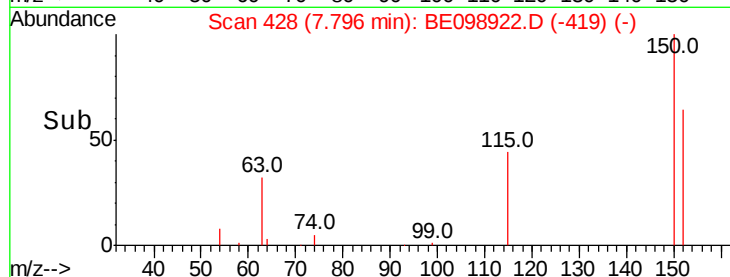
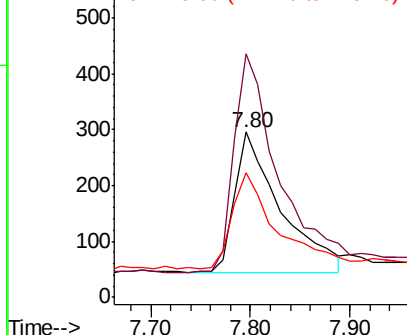
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098922.D
Acq: 13 Mar 2019 21:29

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 796
Ion Ratio Lower Upper
152 100
150 147.3 122.5 183.7
115 75.3 57.4 86.2



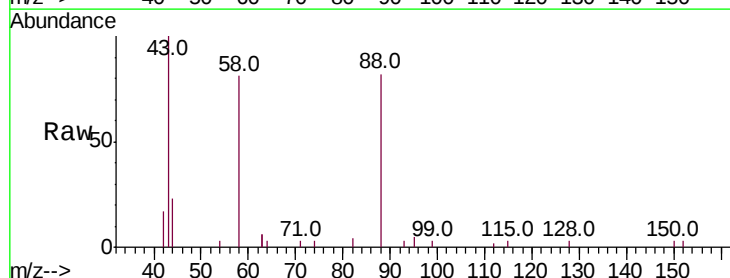
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



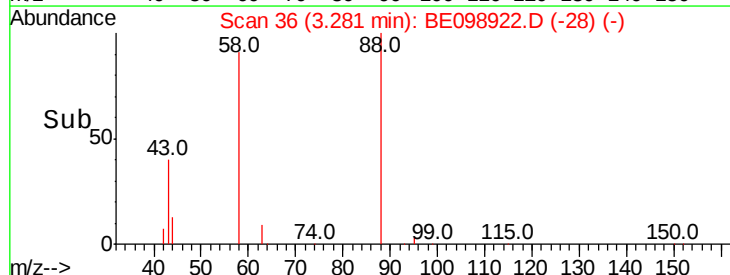
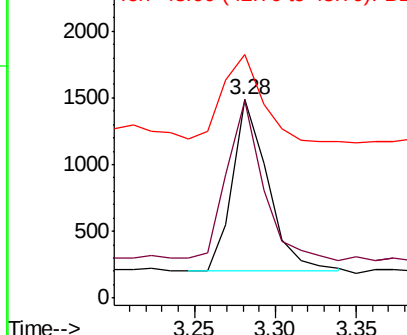
#2

1,4-Dioxane
Concen: 1.462 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098922.D
Acq: 13 Mar 2019 21:29

Tgt Ion: 88 Resp: 1919
Ion Ratio Lower Upper
88 100
58 96.5 75.8 113.6
43 56.7 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: 0.157 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

Instrument :

BNA_E

ClientSampled :

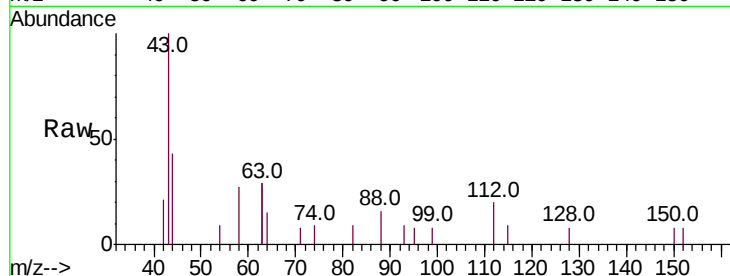
Tot Ion:112 Resp: 373

Ion Ratio Lower Upper

112 100

64 76.7 57.9 86.9

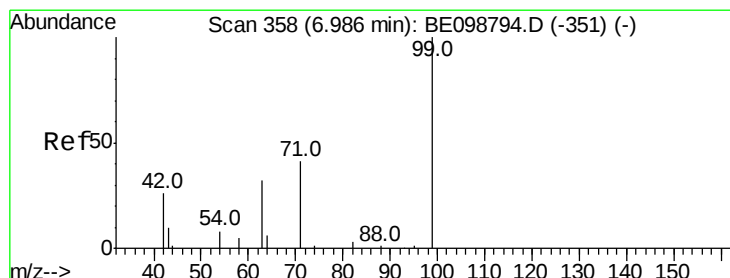
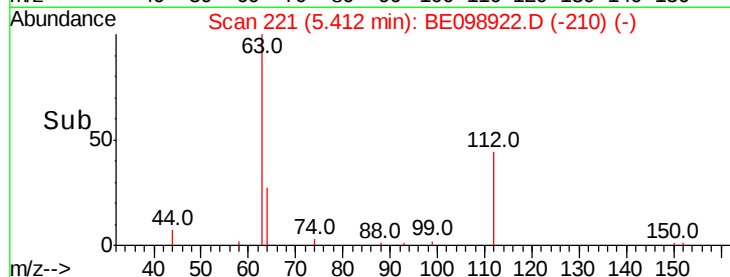
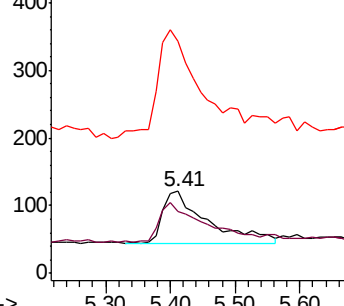
63 200.0 158.3 237.5



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: 0.079 ng

RT: 7.04 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

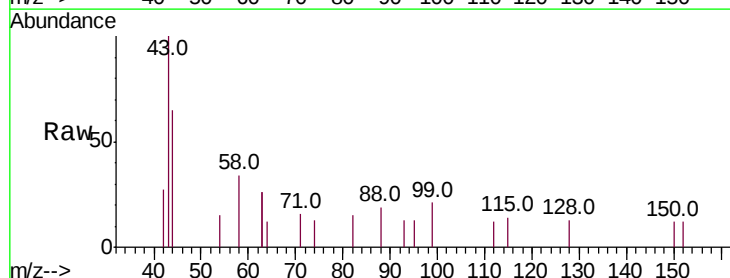
Tgt Ion: 99 Resp: 266

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

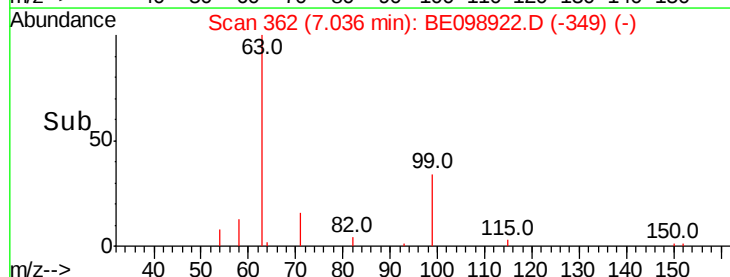
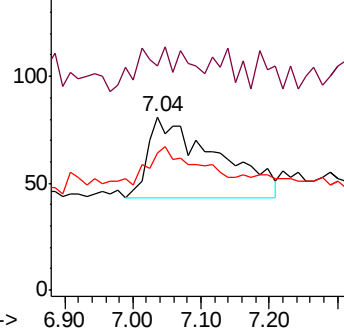
71 26.3 35.7 53.5#



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3472

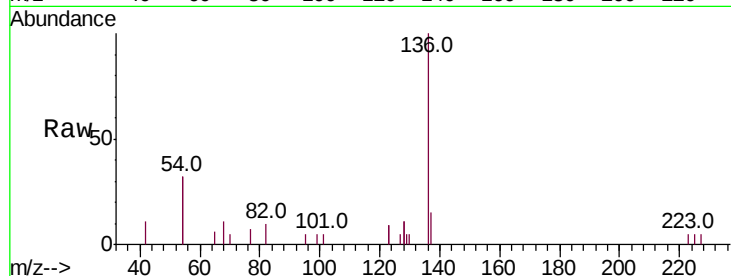
Ion Ratio Lower Upper

136 100

137 14.7 11.4 17.0

54 63.1 39.3 58.9#

68 10.5 6.7 10.1#

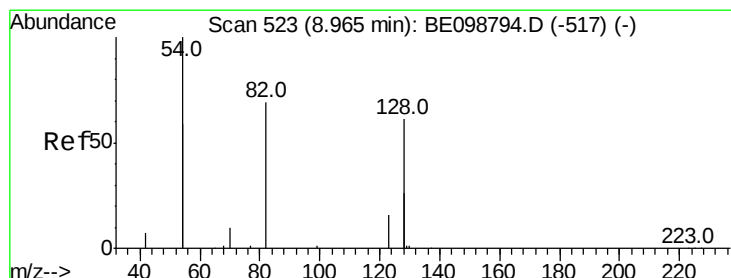
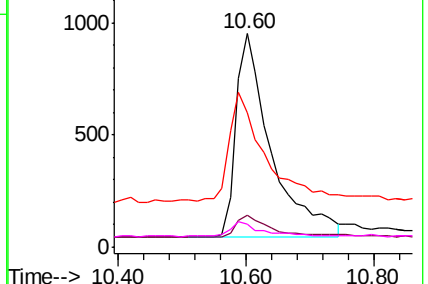
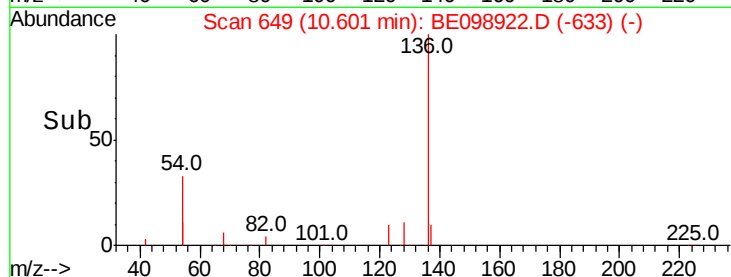


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.313 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

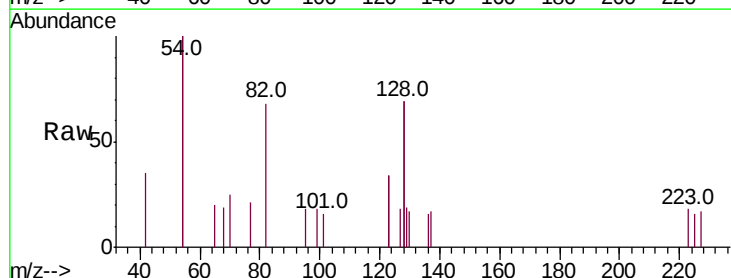
Tgt Ion: 82 Resp: 1138

Ion Ratio Lower Upper

82 100

128 204.4 123.8 185.8#

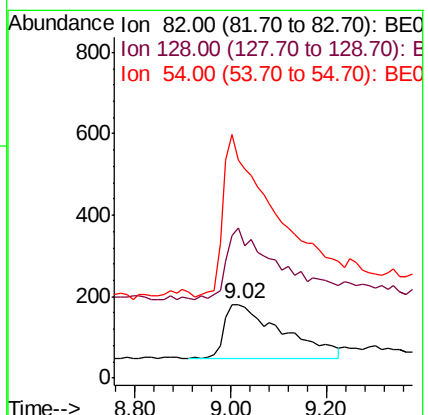
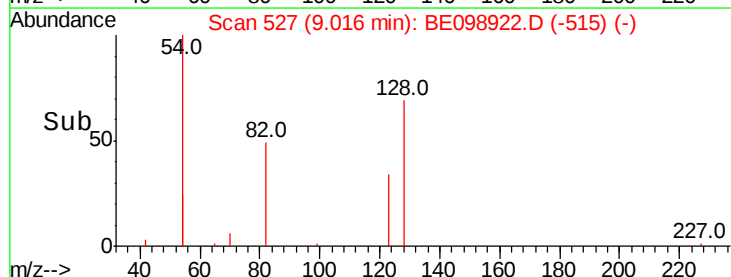
54 296.1 203.4 305.2

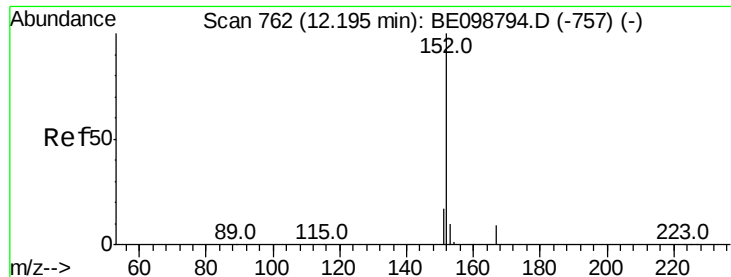


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

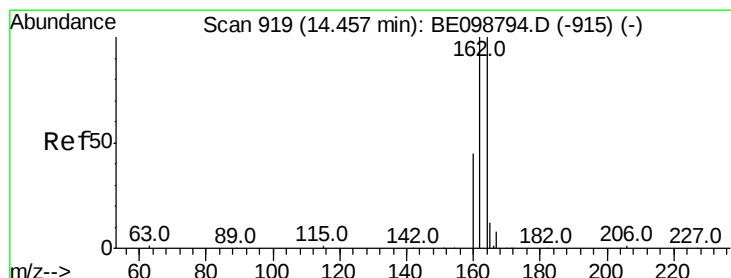
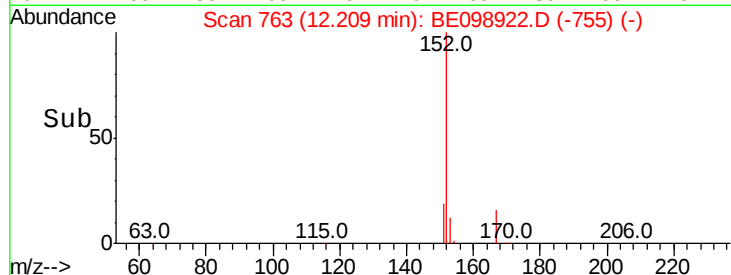
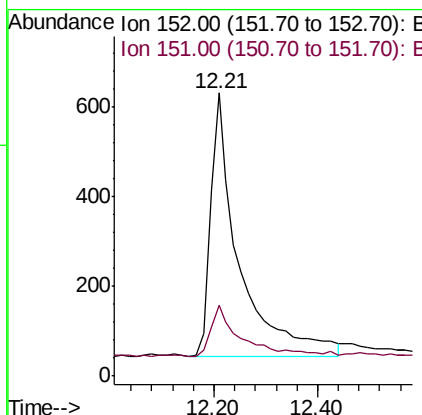
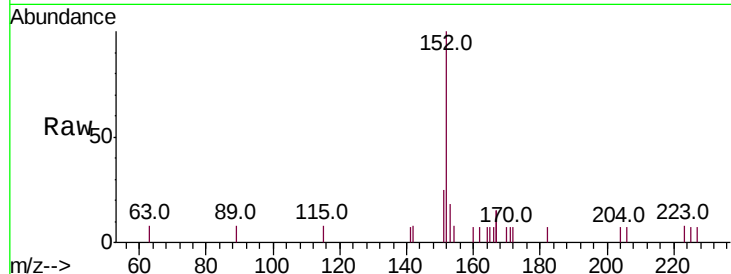




#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098922.D
Acq: 13 Mar 2019 21:29

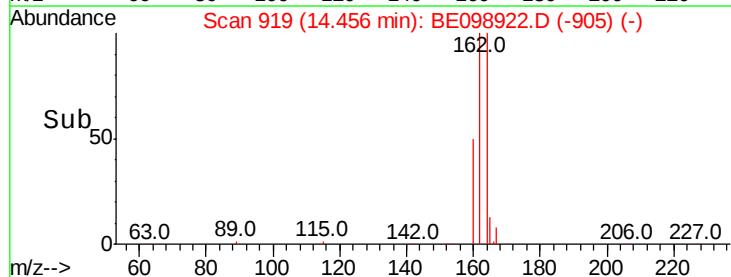
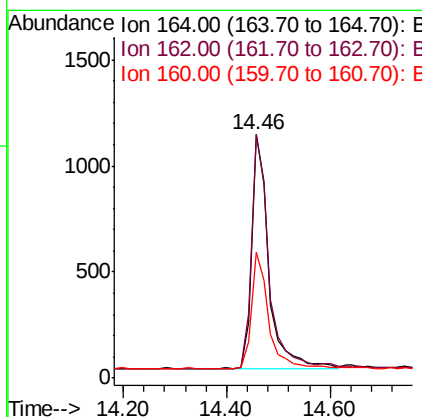
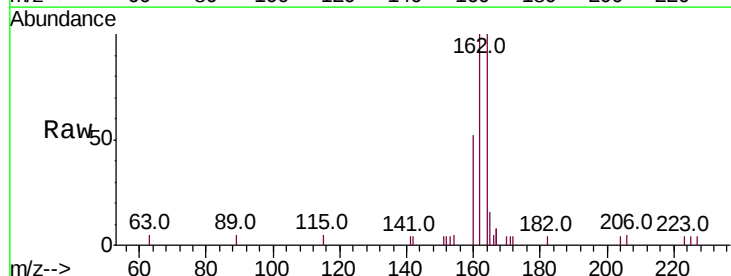
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2229
Ion Ratio Lower Upper
152 100
151 20.2 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: BE098922.D
Acq: 13 Mar 2019 21:29

Tgt Ion:164 Resp: 2539
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 51.5 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.383 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

Instrument :

BNA_E

ClientSampled :

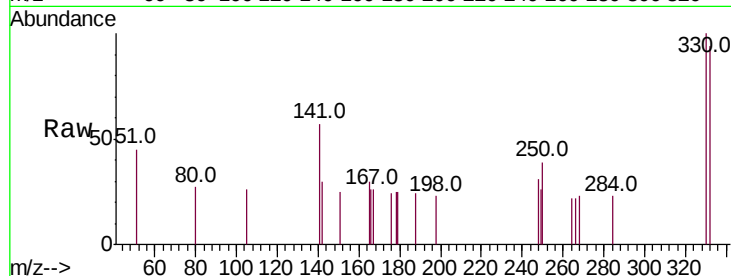
Tot Ion:330 Resp: 491

Ion Ratio Lower Upper

330 100

332 94.7 77.6 116.4

141 46.2 31.0 46.4

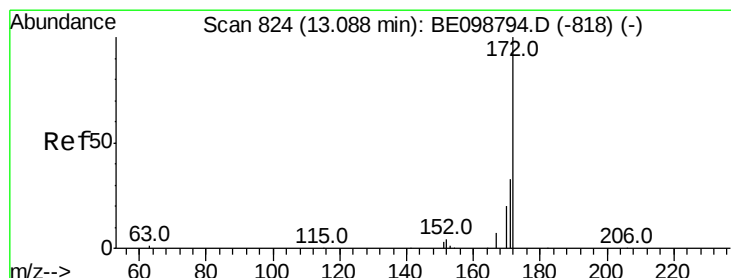
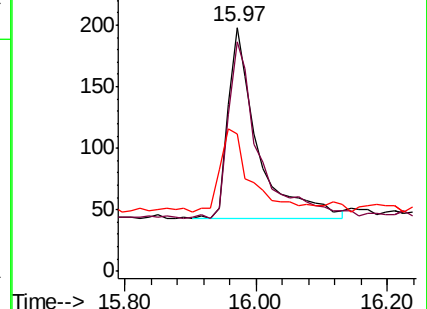
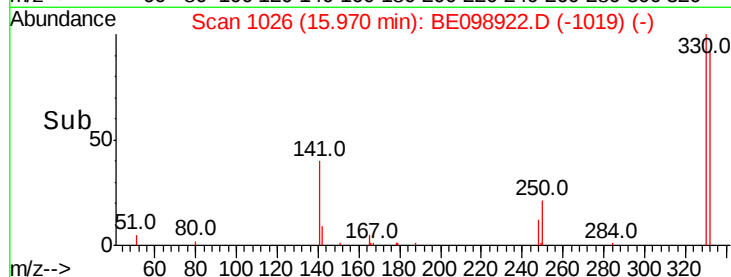


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time--> 15.80 16.00 16.20



#15

2-Fluorobiphenyl

Concen: 0.391 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

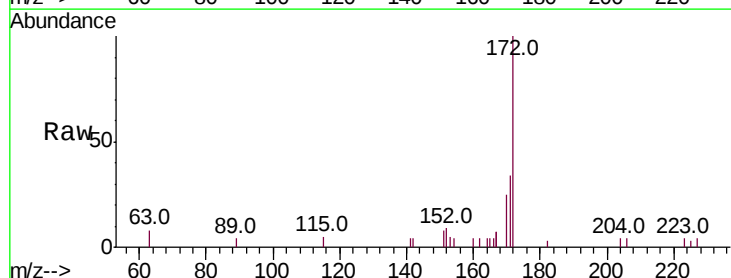
Tgt Ion:172 Resp: 4111

Ion Ratio Lower Upper

172 100

171 33.7 28.0 42.0

170 25.1 17.7 26.5

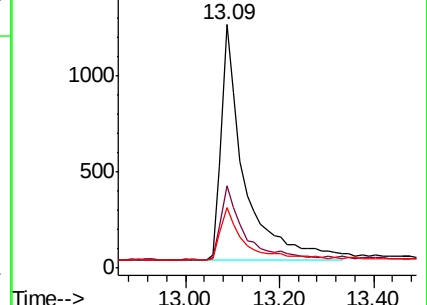
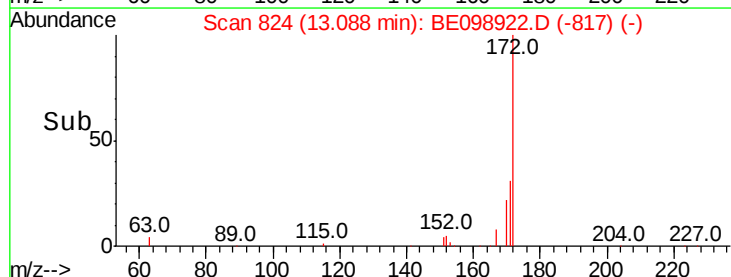


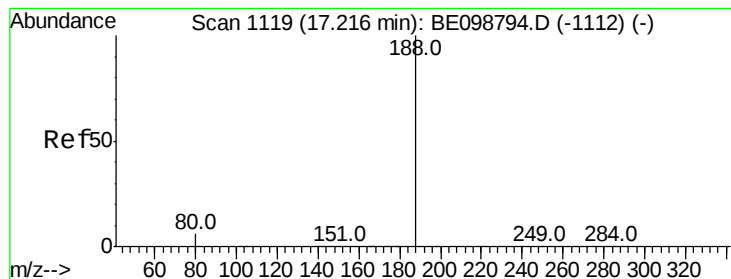
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time--> 13.00 13.20 13.40





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

Instrument :

BNA_E

ClientSampleId :

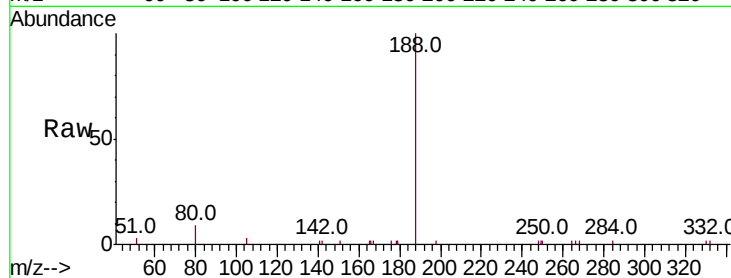
Tot Ion:188 Resp: 6399

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

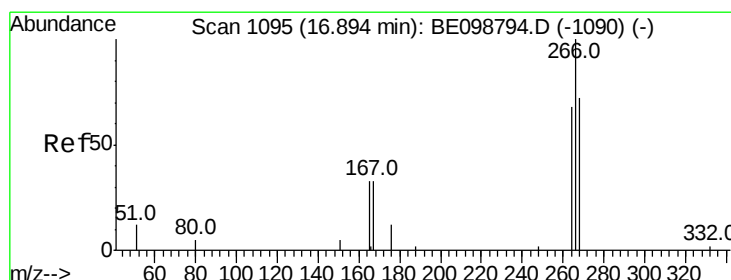
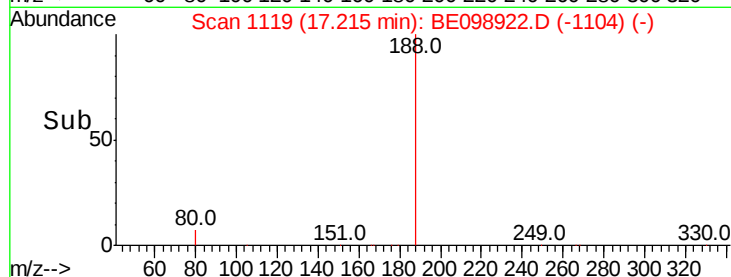
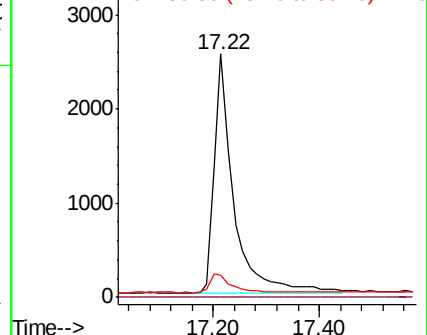
80 9.3 6.3 9.5



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: 0.271 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.05 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

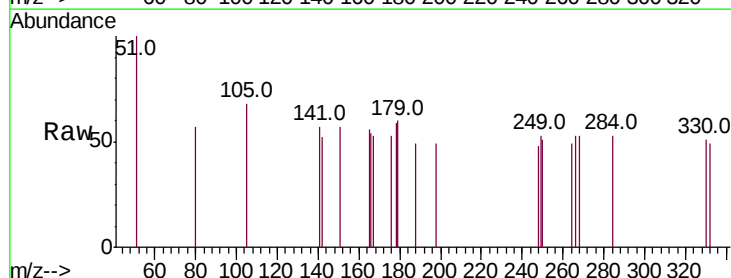
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 93.8 66.6 100.0

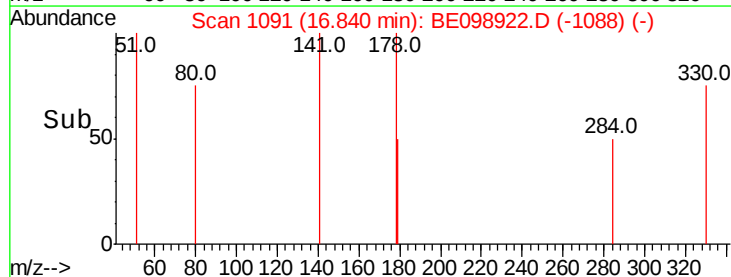
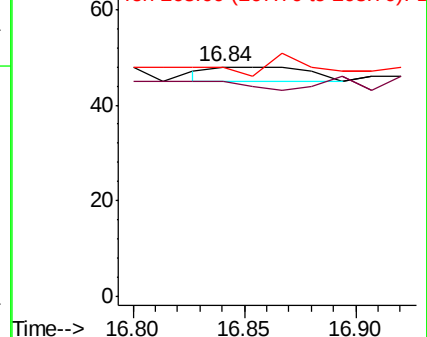
268 100.0 69.8 104.8

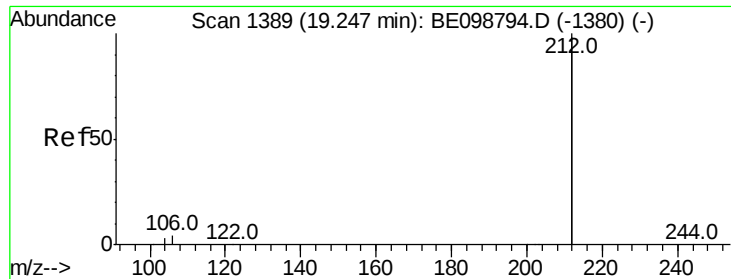


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.315 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

Instrument :

BNA_E

ClientSampleId :

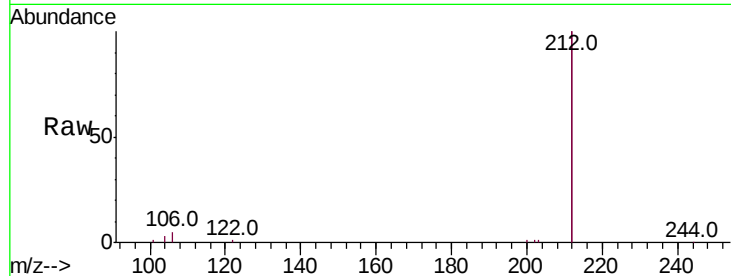
Tot Ion:212 Resp: 32133

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

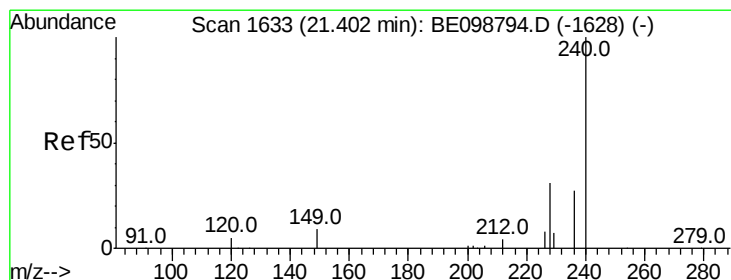
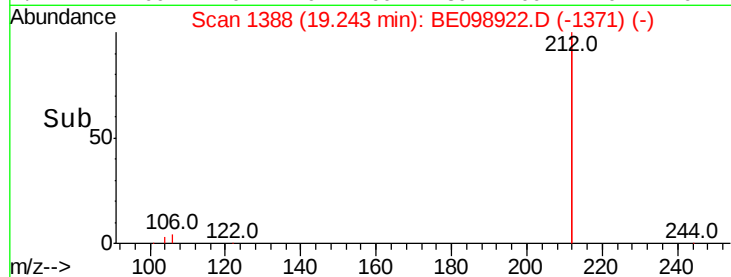
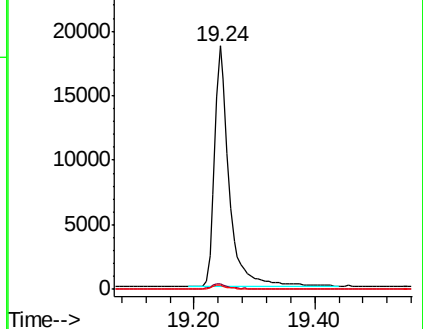
104 1.3 1.0 1.6



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# 1632

Delta R.T. -0.00 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

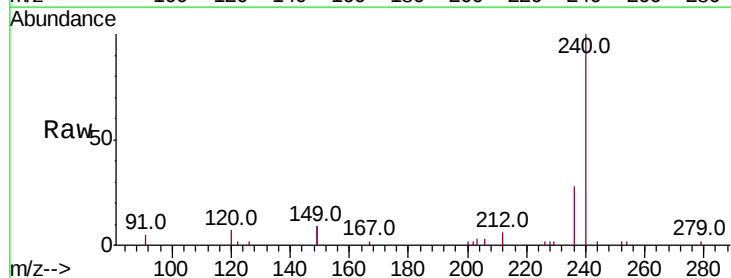
Tgt Ion:240 Resp: 7463

Ion Ratio Lower Upper

240 100

120 7.0 5.0 7.4

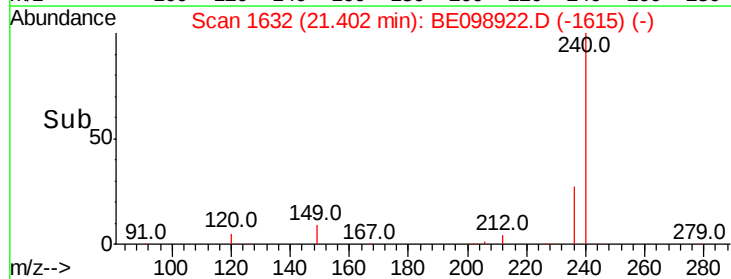
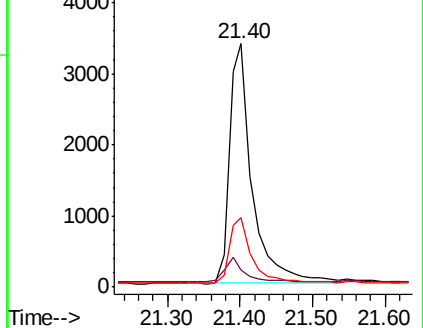
236 28.4 22.7 34.1

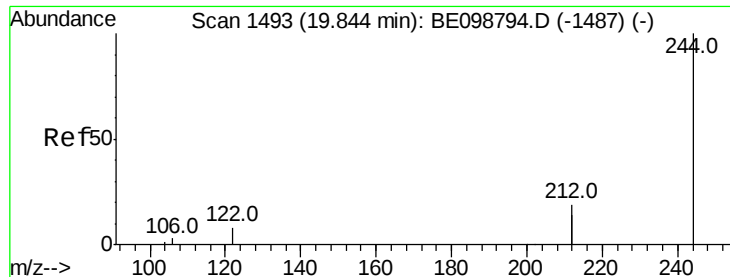


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.442 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

Instrument :

BNA_E

ClientSampleId :

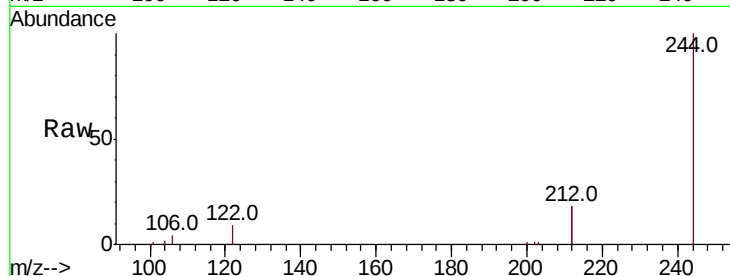
Tot Ion:244 Resp: 8017

Ion Ratio Lower Upper

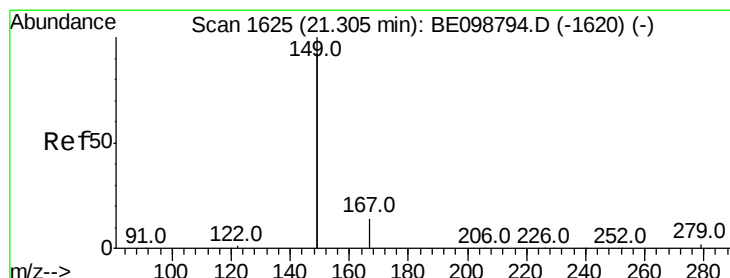
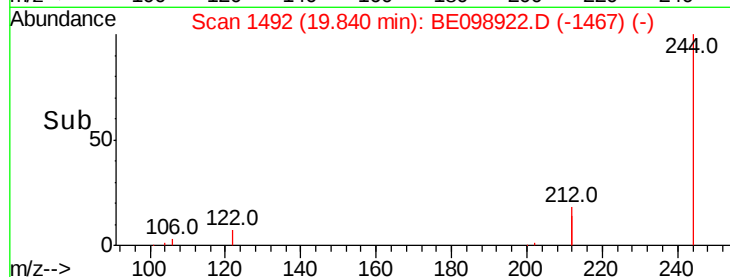
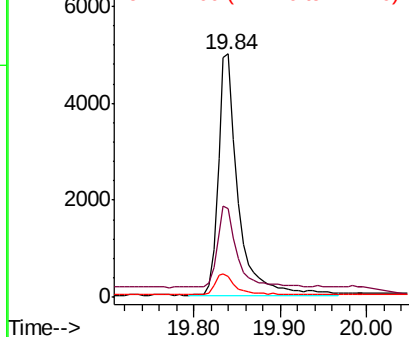
244 100

212 36.3 29.4 44.2

122 8.6 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: 0.034 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

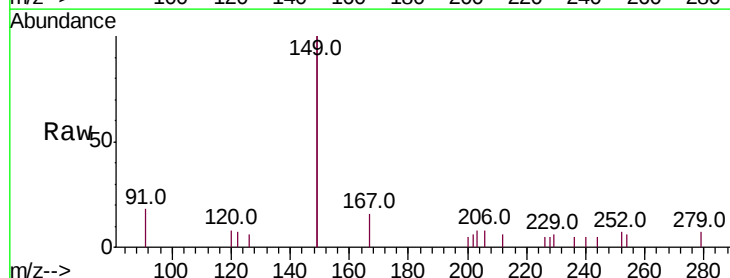
Tgt Ion:149 Resp: 1697

Ion Ratio Lower Upper

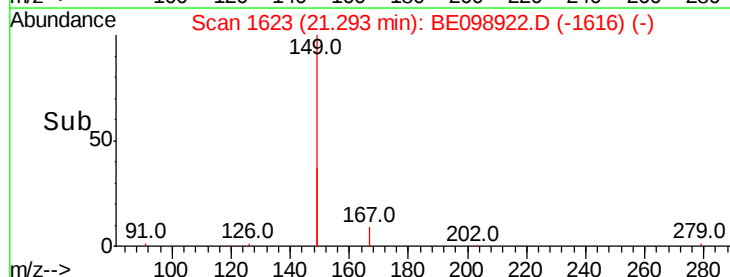
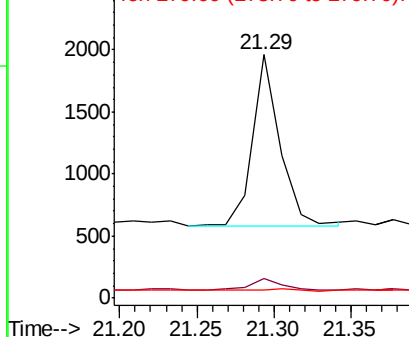
149 100

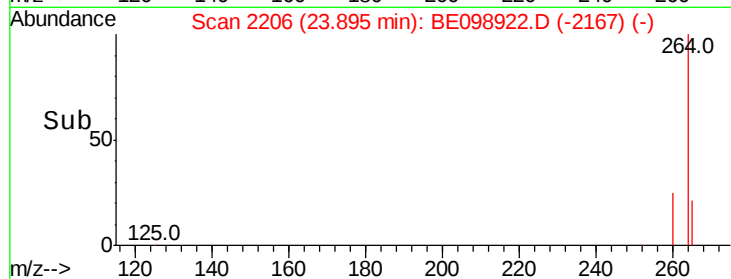
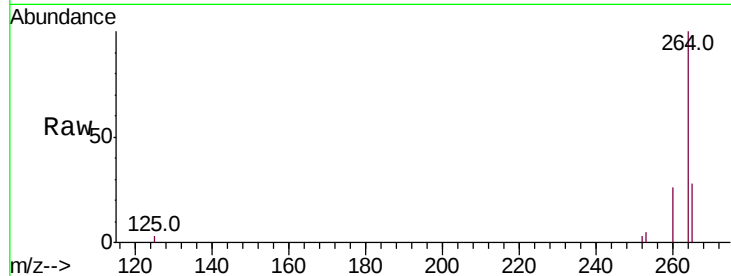
167 7.4 5.4 8.0

279 2.2 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# 2206

Delta R.T. -0.01 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 7471

Ion Ratio Lower Upper

264 100

260 26.3 21.2 31.8

265 28.1 24.6 36.8

