

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030719\
 Data File : BE098821.D
 Acq On : 7 Mar 2019 15:37
 Operator : JU/SJ
 Sample : K1659-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M1-T5-UV(POST)

Quant Time: Mar 08 03:35:15 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	814	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3355	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2388	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5872	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7681	0.40	ng	0.00
34) Perylene-d12	23.90	264	7612	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	495	0.20	ng	0.00
5) Phenol-d6	6.99	99	390	0.11	ng	0.00
8) Nitrobenzene-d5	8.96	82	1248	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2556	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	492	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	6988	0.71	ng	-0.01
25) Fluoranthene-d10	19.24	212	38762	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	10222	0.55	ng	0.00

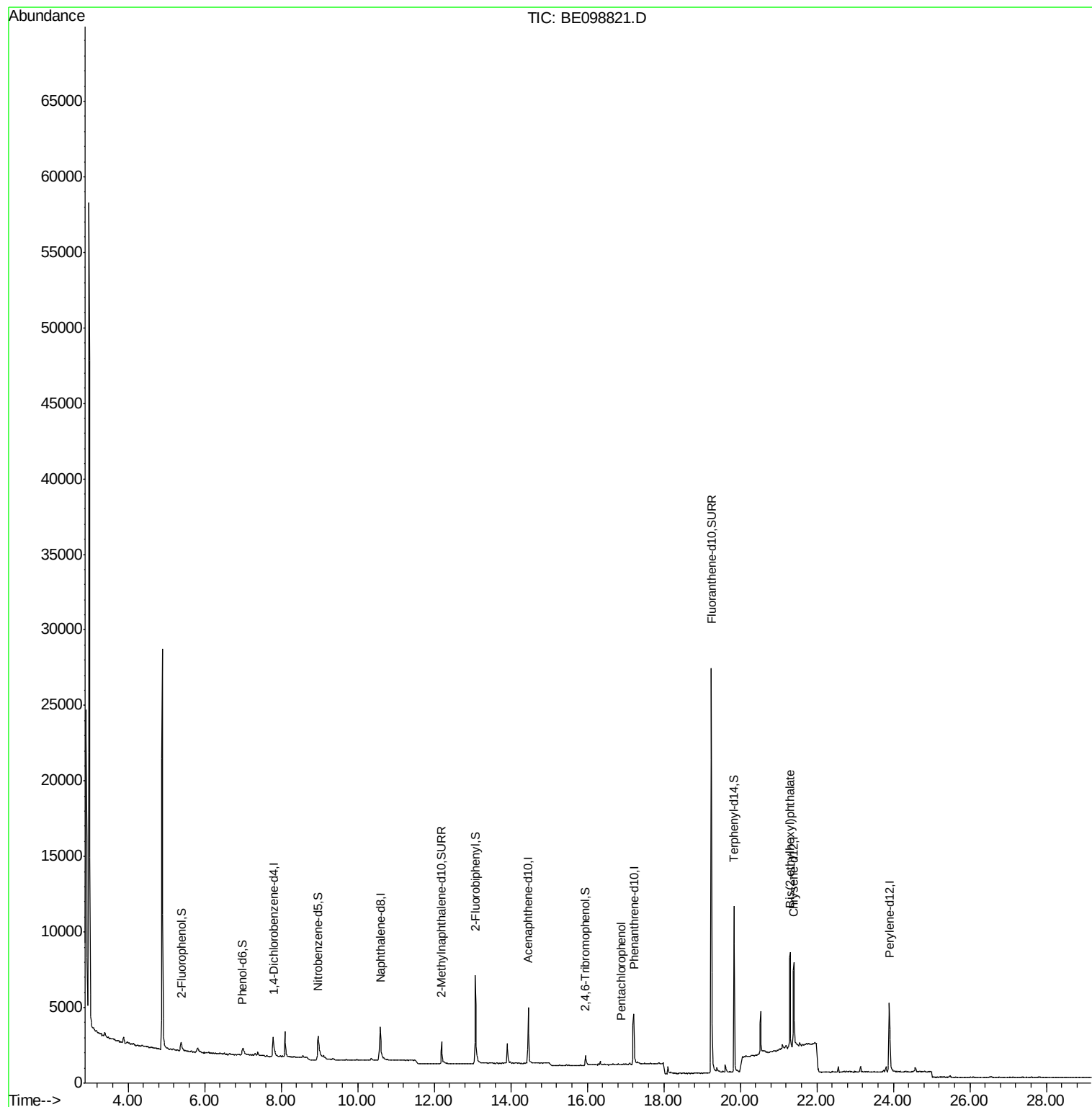
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	15	Below Cal	#	1
22) Pentachlorophenol	16.89	266	16	0.277	ng	90
32) Bis(2-ethylhexyl)phthalate	21.30	149	9443	0.185	ng	# 99

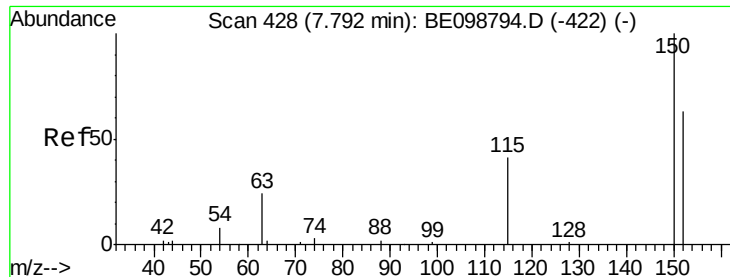
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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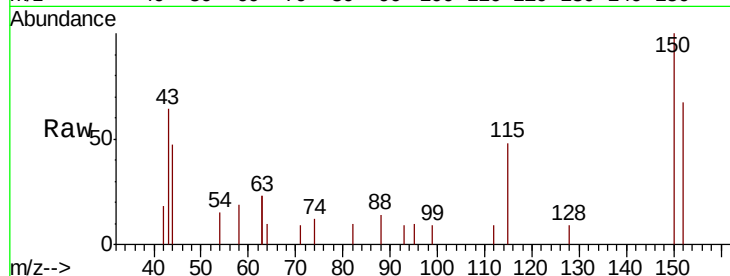


#1

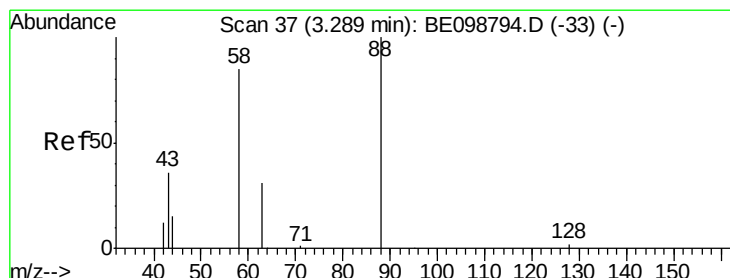
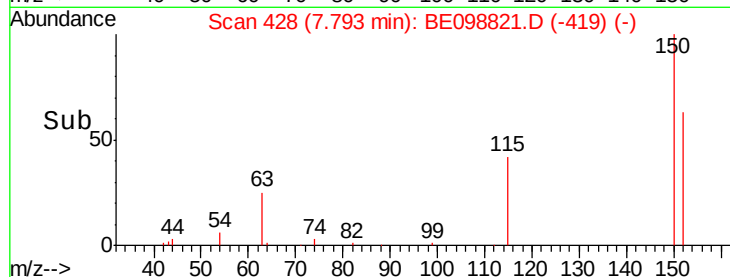
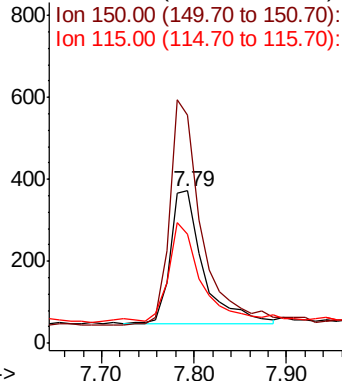
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098821.D
Acq: 7 Mar 2019 15:37

Instrument :
BNA_E
ClientSampleId :
M1-T5-UV(POST)

Tgt Ion: 152 Resp: 814
Ion Ratio Lower Upper
152 100
150 150.0 122.5 183.7
115 71.8 57.4 86.2



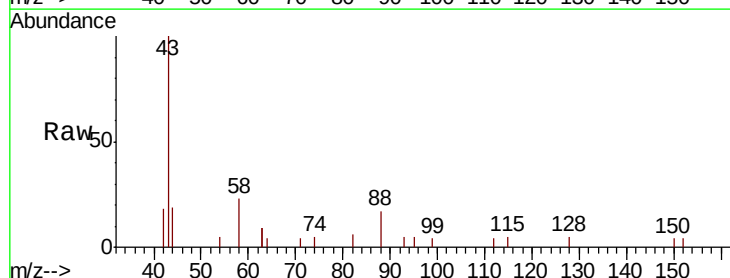
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



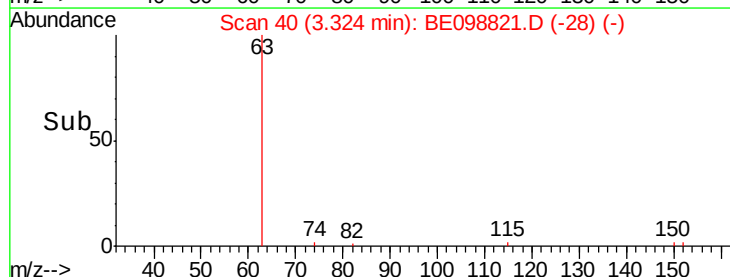
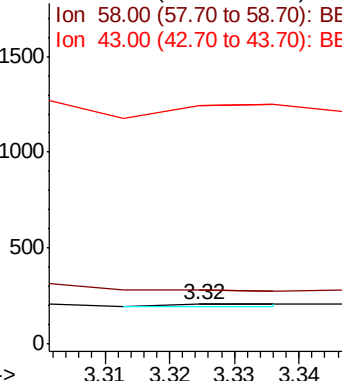
#2

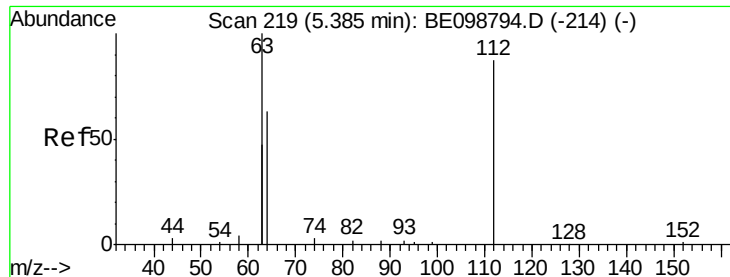
1,4-Dioxane
Concen: Below Cal
RT: 3.32 min Scan# 40
Delta R.T. 0.04 min
Lab File: BE098821.D
Acq: 7 Mar 2019 15:37

Tgt Ion: 88 Resp: 15
Ion Ratio Lower Upper
88 100
58 0.0 75.8 113.6#
43 800.0 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: 0.203 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE098821.D

Acq: 7 Mar 2019 15:37

Instrument :

BNA_E

ClientSampleId :

M1-T5-UV(POST)

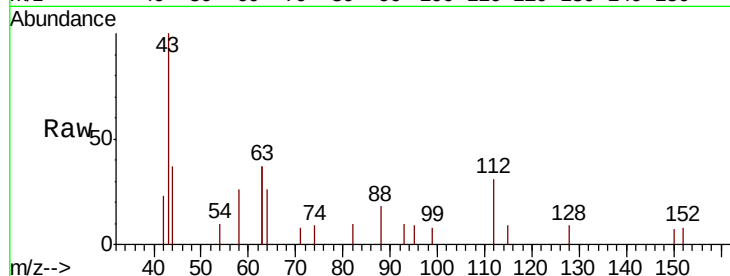
Tgt Ion: 112 Resp: 495

Ion Ratio Lower Upper

112 100

64 79.4 57.9 86.9

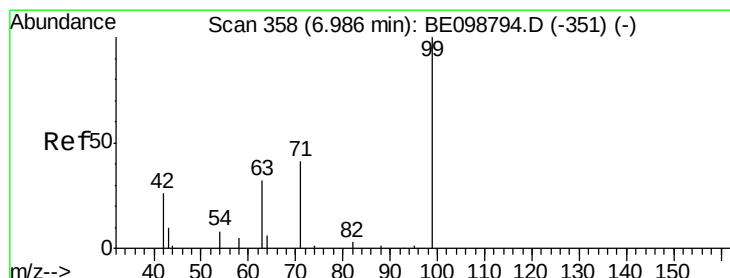
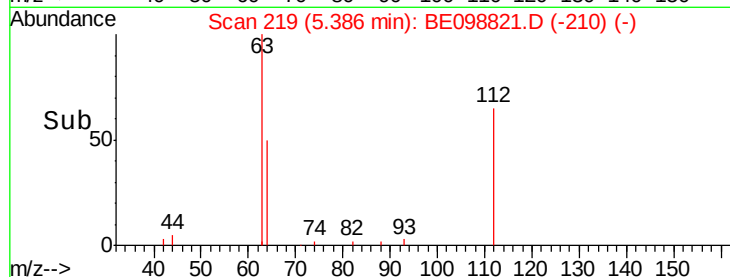
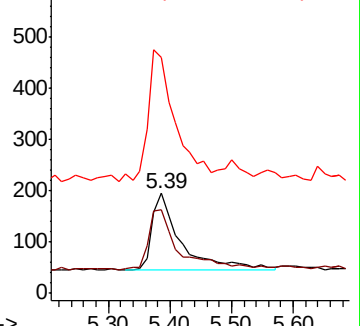
63 158.6 158.3 237.5



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: 0.113 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098821.D

Acq: 7 Mar 2019 15:37

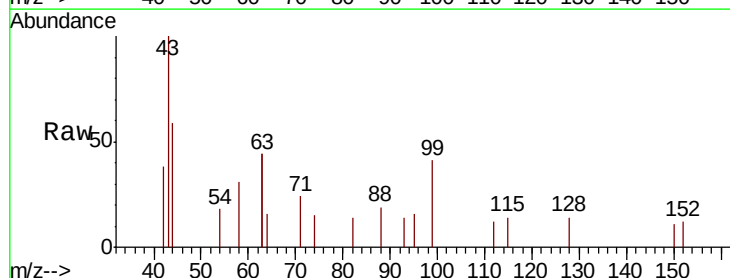
Tgt Ion: 99 Resp: 390

Ion Ratio Lower Upper

99 100

42 31.3 24.2 36.2

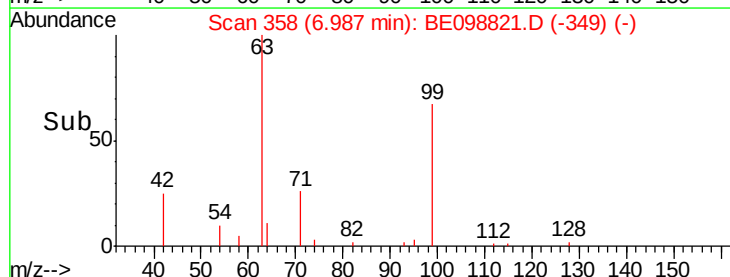
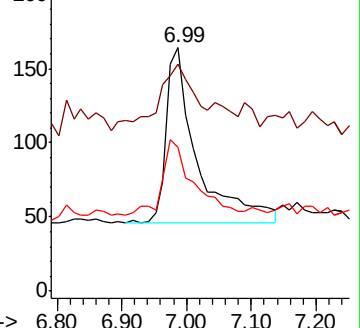
71 43.1 35.7 53.5

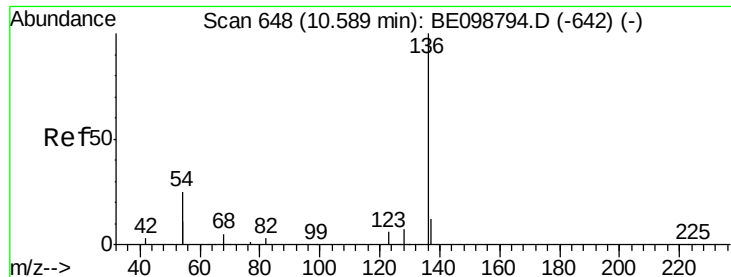


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098821.D

Acq: 7 Mar 2019 15:37

Instrument :

BNA_E

ClientSampleId :

M1-T5-UV(POST)

Tgt Ion:136 Resp: 3355

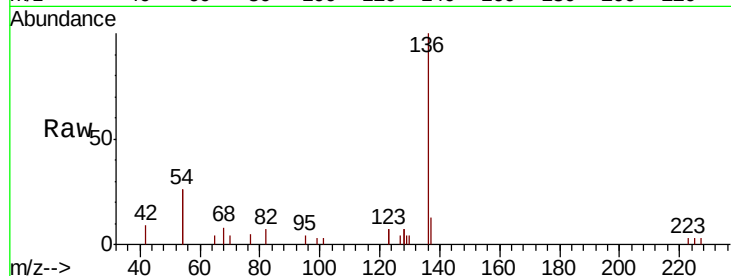
Ion Ratio Lower Upper

136 100

137 13.1 11.4 17.0

54 51.1 39.3 58.9

68 8.1 6.7 10.1

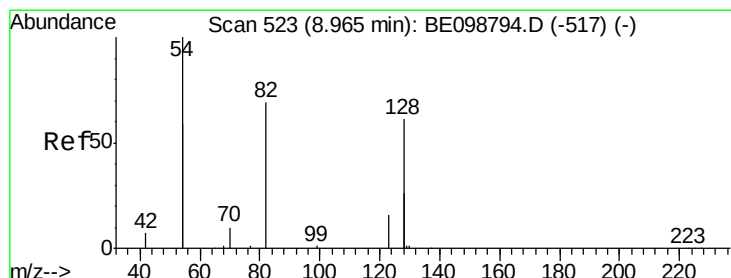
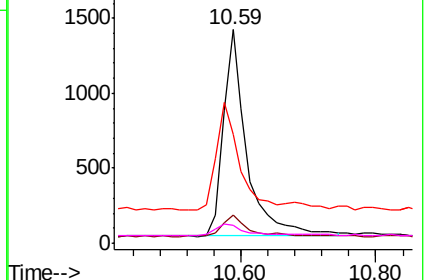
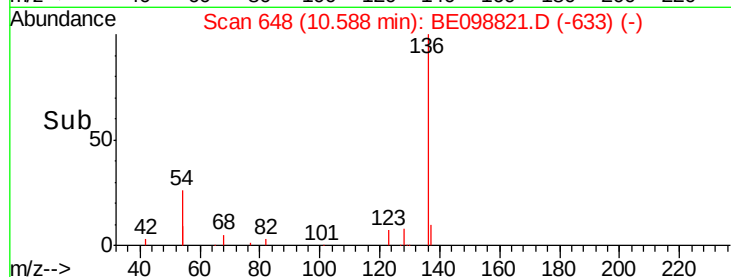


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.355 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098821.D

Acq: 7 Mar 2019 15:37

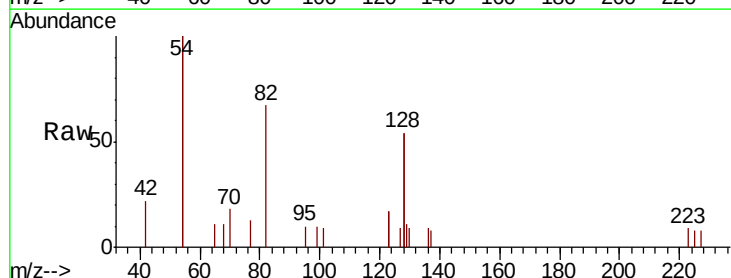
Tgt Ion: 82 Resp: 1248

Ion Ratio Lower Upper

82 100

128 162.2 123.8 185.8

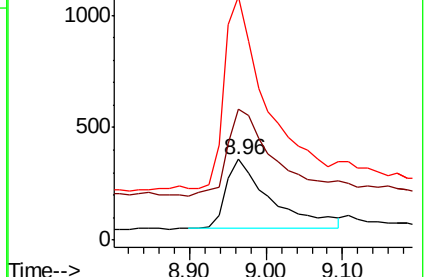
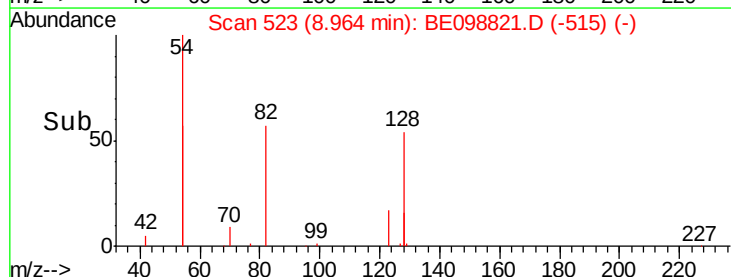
54 300.6 203.4 305.2

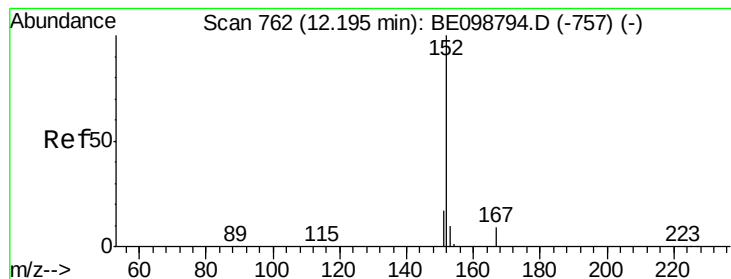


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

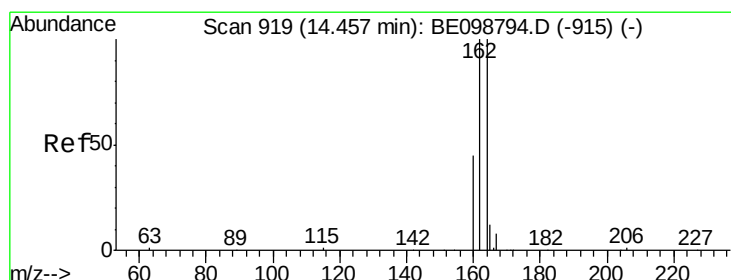
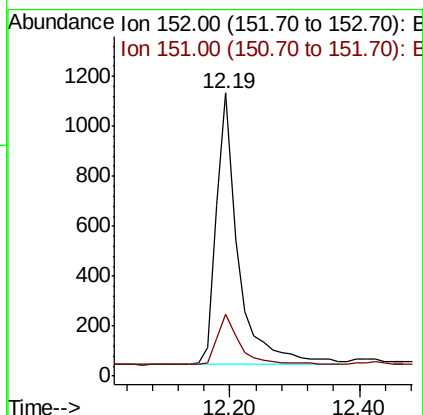
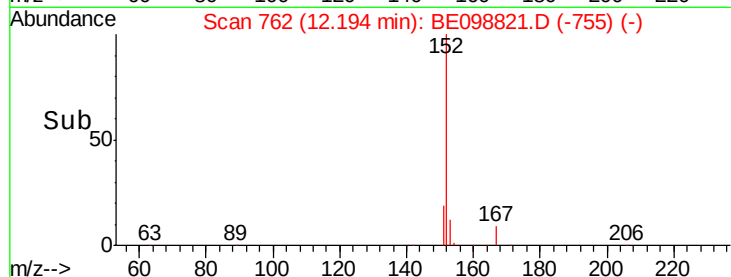
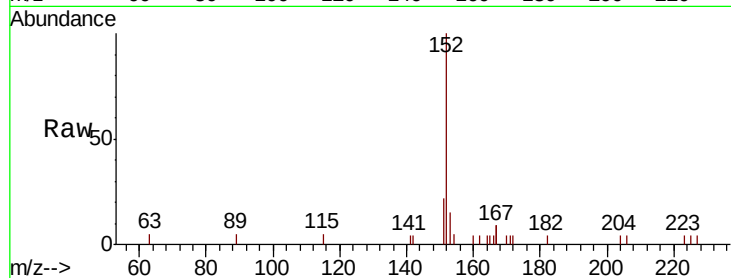




#11
 2-Methylnaphthalene-d10
 Concen: 0.412 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE098821.D
 Acq: 7 Mar 2019 15:37

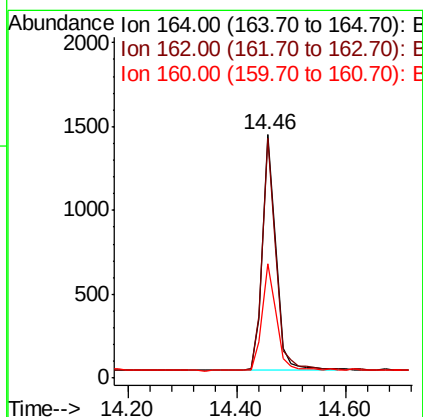
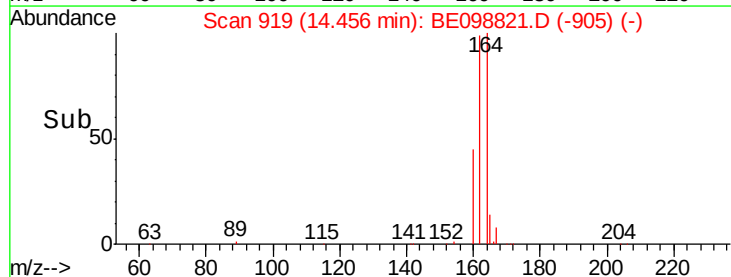
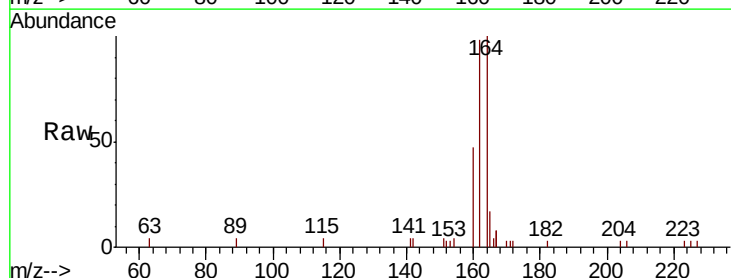
Instrument :
 BNA_E
 ClientSampleId :
 M1-T5-UV(POST)

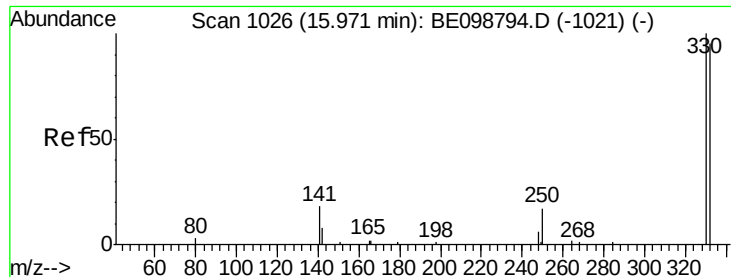
Tgt Ion:152 Resp: 2556
 Ion Ratio Lower Upper
 152 100
 151 19.5 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE098821.D
 Acq: 7 Mar 2019 15:37

Tgt Ion:164 Resp: 2388
 Ion Ratio Lower Upper
 164 100
 162 98.4 80.2 120.2
 160 47.1 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.408 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE098821.D

Acq: 7 Mar 2019 15:37

Instrument :

BNA_E

ClientSampleId :

M1-T5-UV(POST)

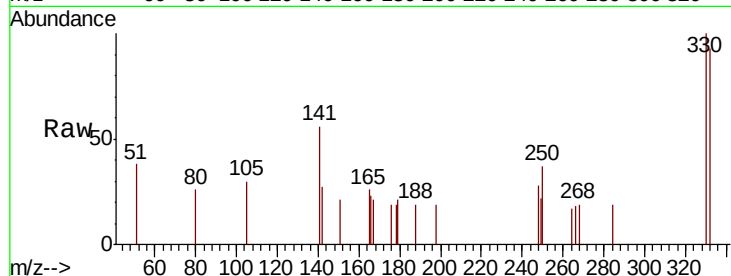
Tgt Ion:330 Resp: 492

Ion Ratio Lower Upper

330 100

332 95.7 77.6 116.4

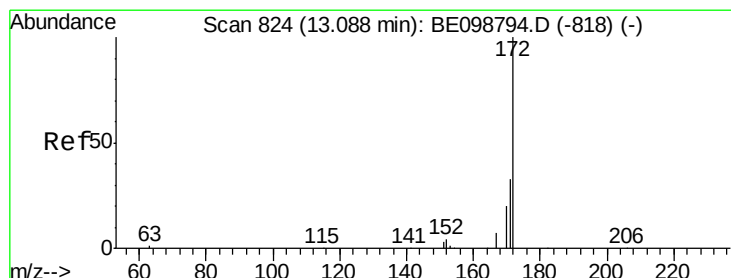
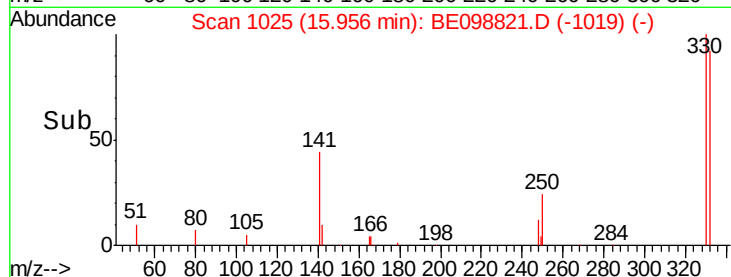
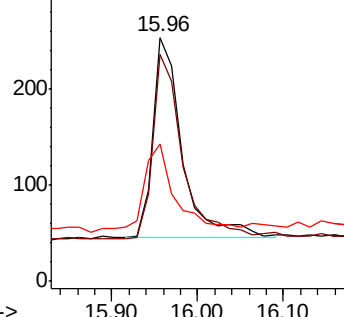
141 42.1 31.0 46.4



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: 0.707 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE098821.D

Acq: 7 Mar 2019 15:37

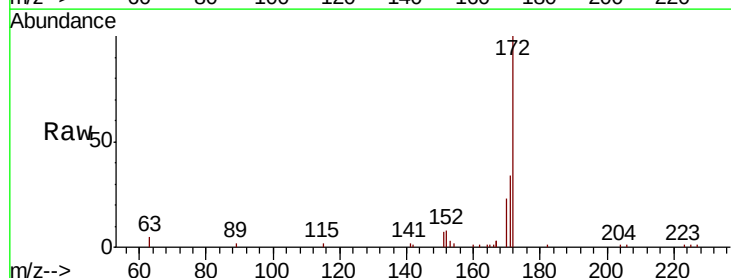
Tgt Ion:172 Resp: 6988

Ion Ratio Lower Upper

172 100

171 33.9 28.0 42.0

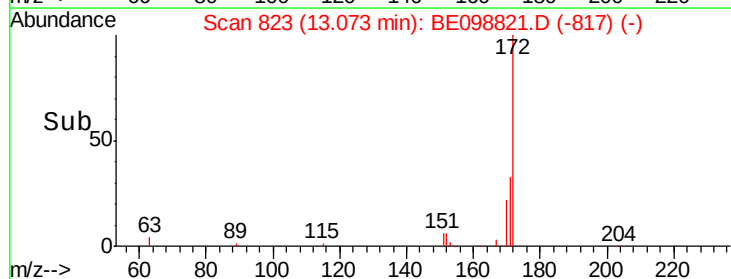
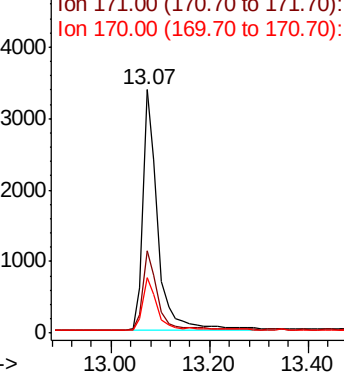
170 22.8 17.7 26.5

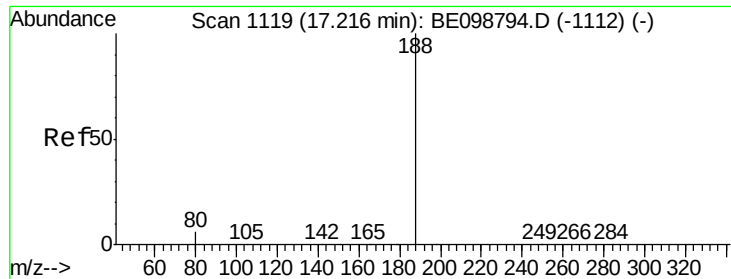


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE098821.D

Acq: 7 Mar 2019 15:37

Instrument :

BNA_E

ClientSampleId :

M1-T5-UV(POST)

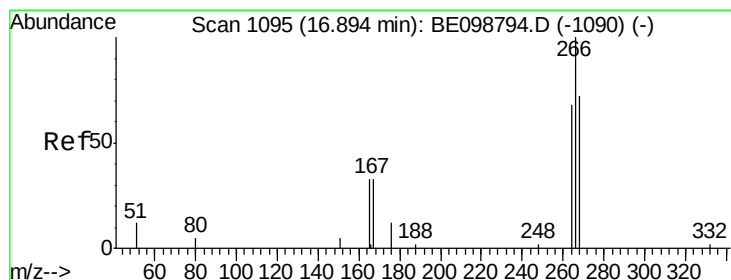
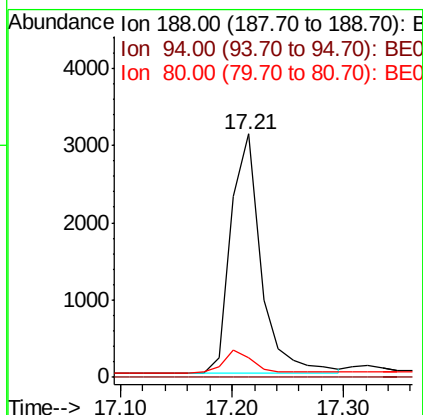
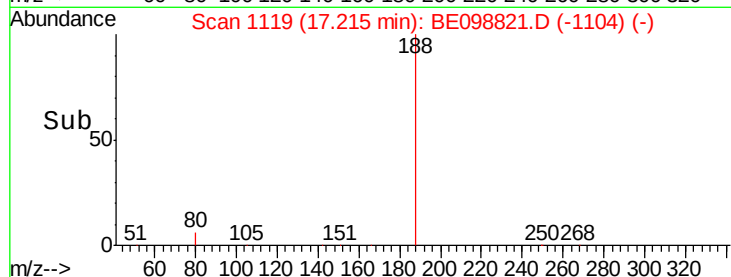
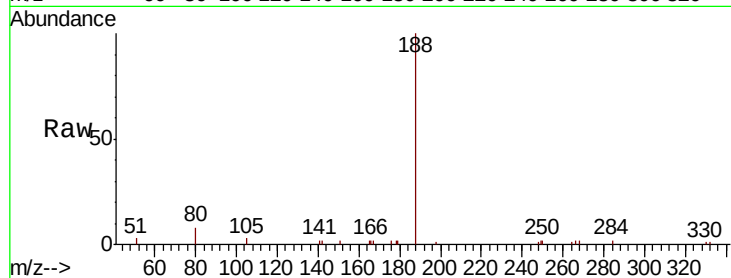
Tgt Ion:188 Resp: 5872

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 6.3 9.5



#22

Pentachlorophenol

Concen: 0.277 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098821.D

Acq: 7 Mar 2019 15:37

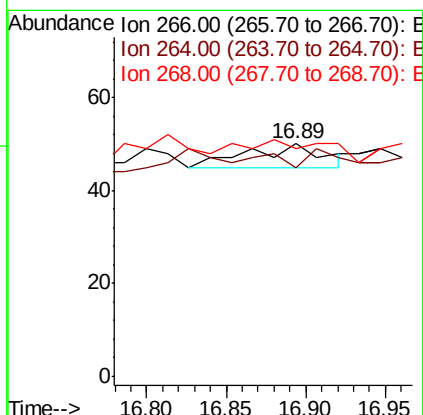
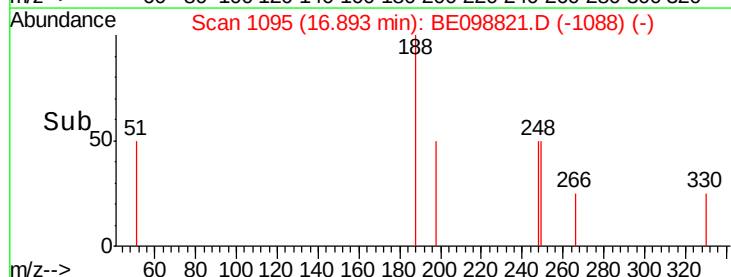
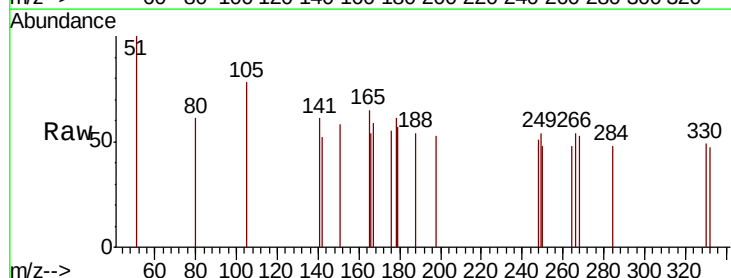
Tgt Ion:266 Resp: 16

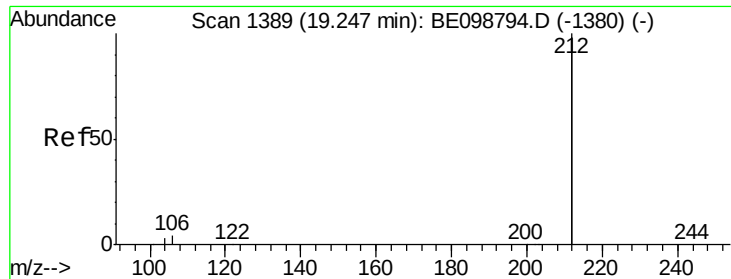
Ion Ratio Lower Upper

266 100

264 90.0 66.6 100.0

268 98.0 69.8 104.8





#25

Fluoranthene-d10

Concen: 0.414 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098821.D

Acq: 7 Mar 2019 15:37

Instrument :

BNA_E

ClientSampleId :

M1-T5-UV(POST)

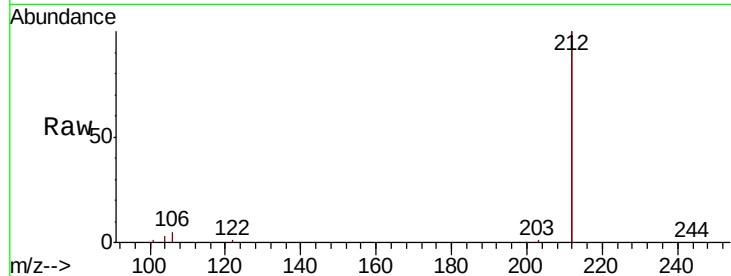
Tgt Ion:212 Resp: 38762

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

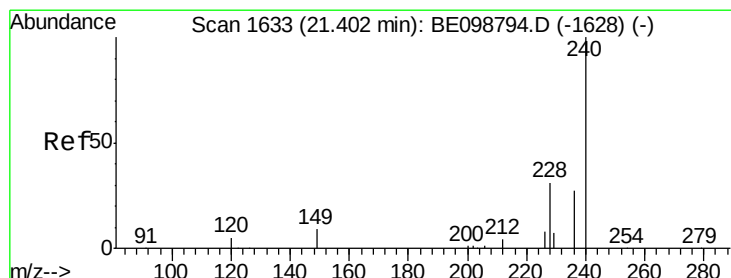
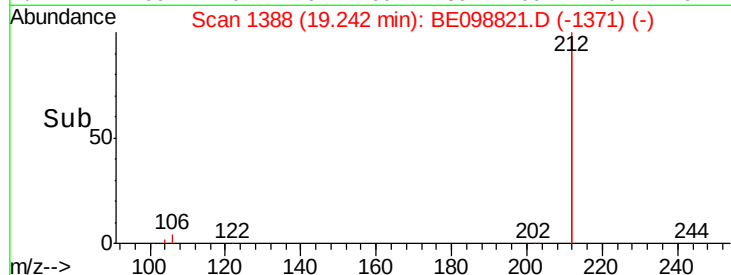
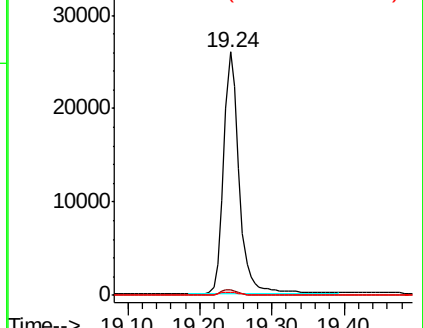
104 1.4 1.0 1.6



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# 1632

Delta R.T. -0.00 min

Lab File: BE098821.D

Acq: 7 Mar 2019 15:37

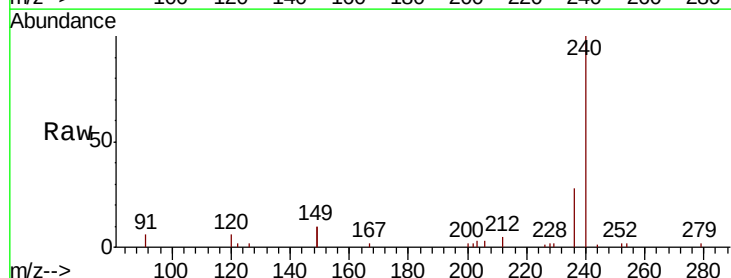
Tgt Ion:240 Resp: 7681

Ion Ratio Lower Upper

240 100

120 6.0 5.0 7.4

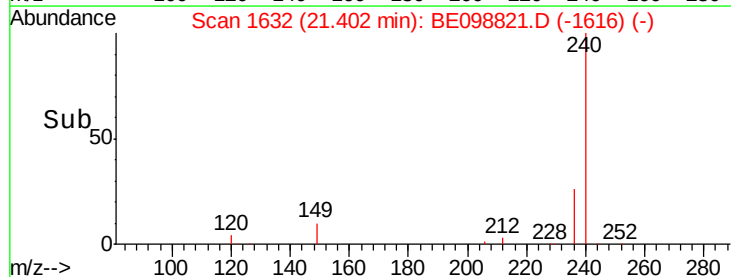
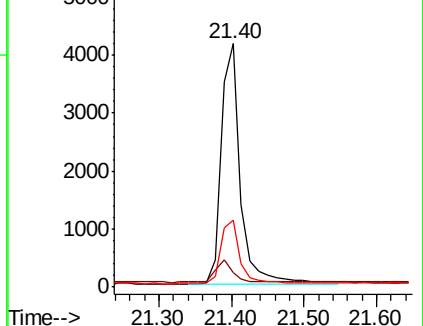
236 27.6 22.7 34.1

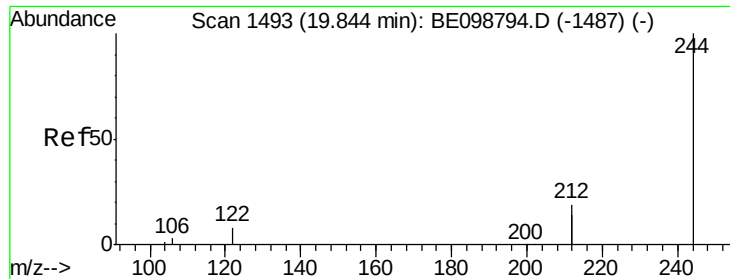


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.548 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098821.D

Acq: 7 Mar 2019 15:37

Instrument :

BNA_E

ClientSampleId :

M1-T5-UV(POST)

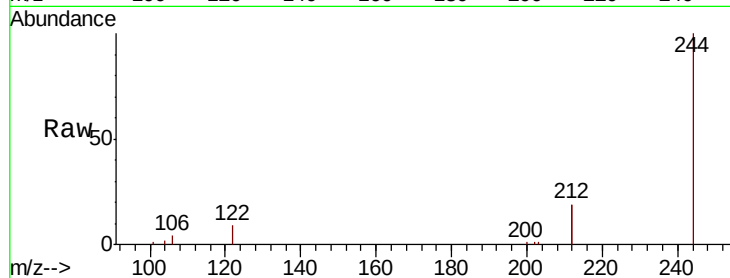
Tgt Ion:244 Resp: 10222

Ion Ratio Lower Upper

244 100

212 37.5 29.4 44.2

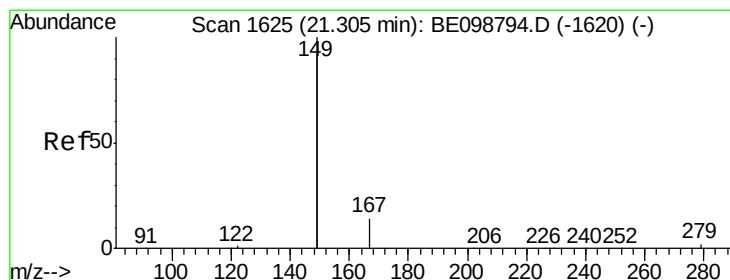
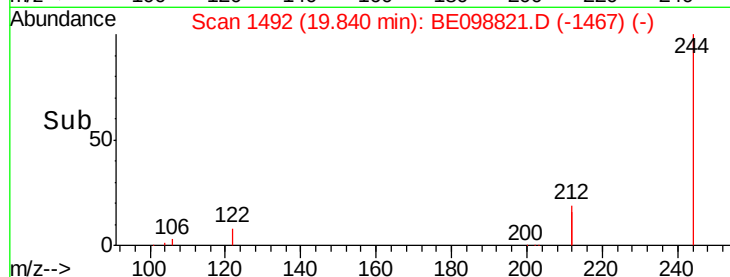
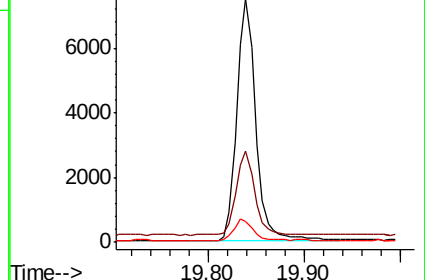
122 8.7 7.1 10.7



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: 0.185 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE098821.D

Acq: 7 Mar 2019 15:37

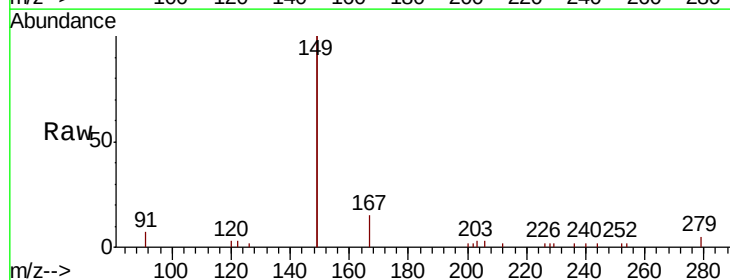
Tgt Ion:149 Resp: 9443

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

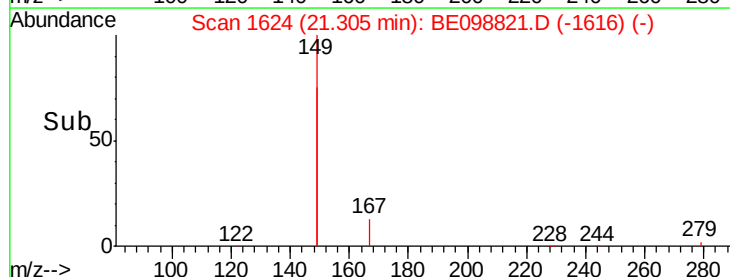
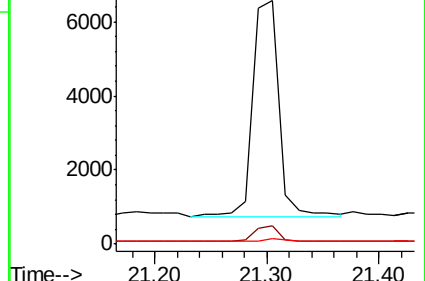
279 1.6 1.0 1.4#

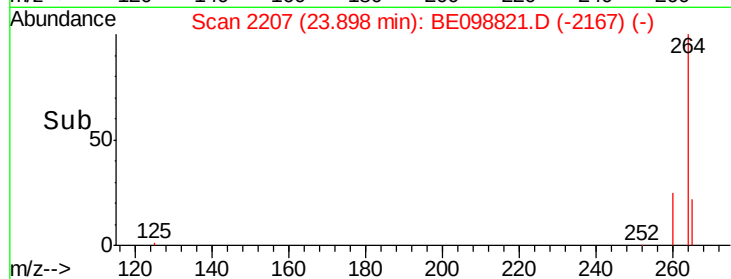
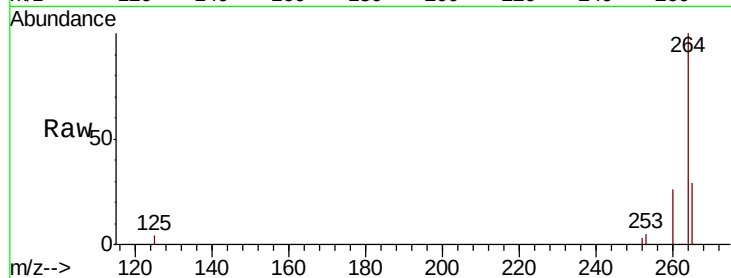
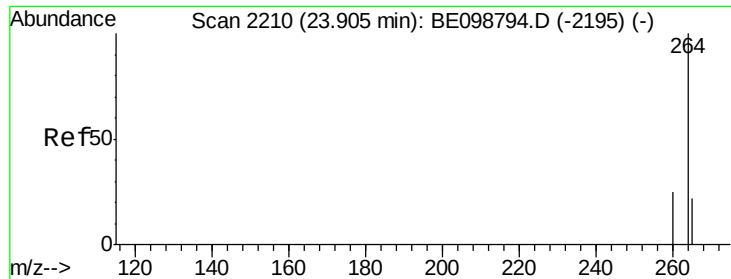


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.90 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE098821.D

Acq: 7 Mar 2019 15:37

Instrument :

BNA_E

ClientSampleId :

M1-T5-UV(POST)

Tgt Ion:264 Resp: 7612

Ion Ratio Lower Upper

264 100

260 26.4 21.2 31.8

265 29.0 24.6 36.8

