

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099001.D
 Acq On : 18 Mar 2019 15:21
 Operator : JU/SJ
 Sample : PB117987BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117987BL

Quant Time: Mar 19 01:52:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

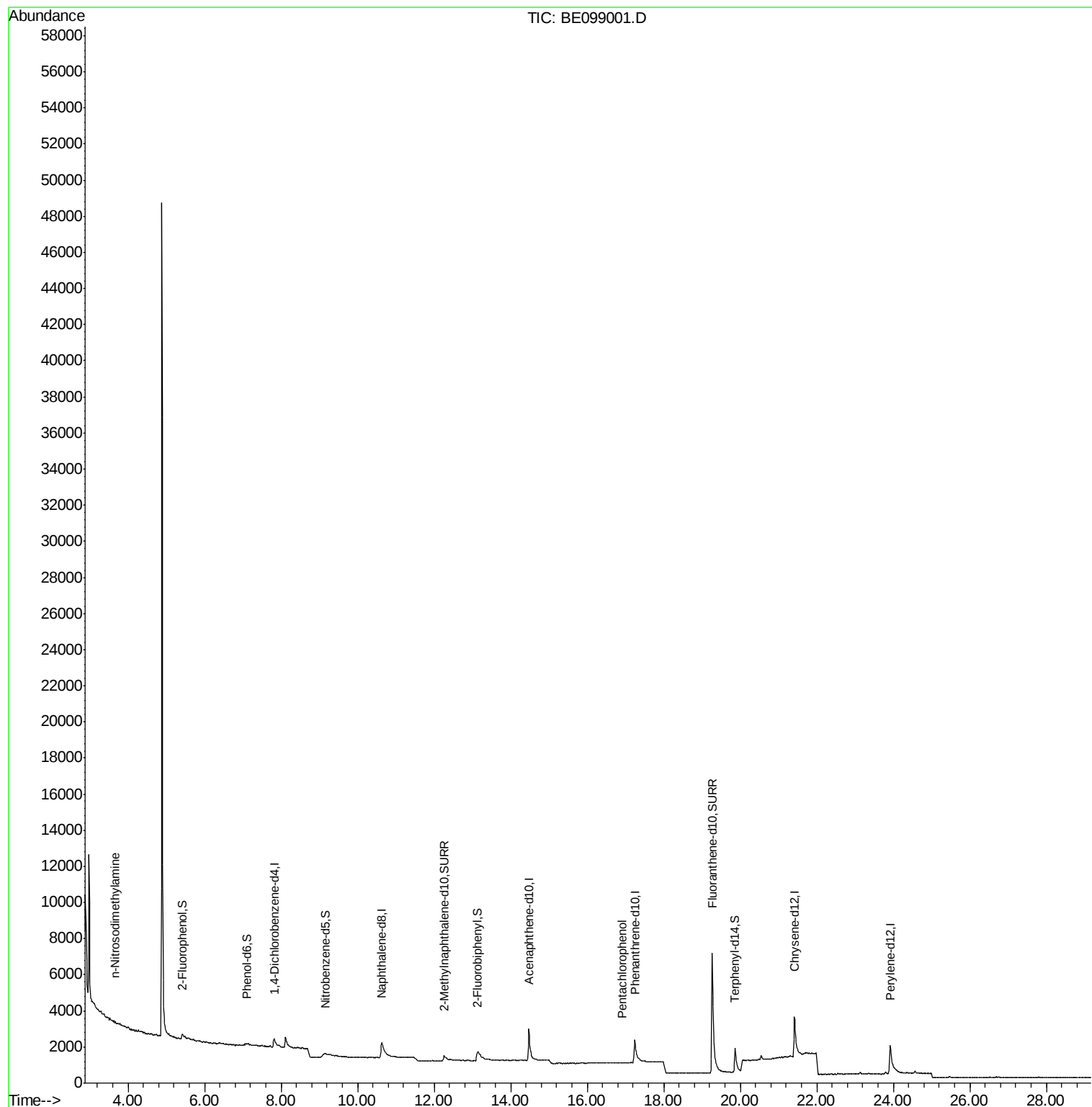
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	550	0.40	ng	0.02
7) Naphthalene-d8	10.63	136	2750	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	2330	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	5322	0.40	ng	0.03
27) Chrysene-d12	21.42	240	5498	0.40	ng	0.01
34) Perylene-d12	23.92	264	4677	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	276	0.17	ng	0.04
5) Phenol-d6	7.11	99	493	0.21	ng	0.13
8) Nitrobenzene-d5	9.15	82	406	0.14	ng	0.18
11) 2-Methylnaphthalene-d10	12.25	152	1413	0.28	ng	0.06
14) 2,4,6-Tribromophenol	15.96	330	4	0.00	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	2165	0.22	ng	0.04
25) Fluoranthene-d10	19.26	212	21488	0.25	ng	0.02
29) Terphenyl-d14	19.86	244	3176	0.24	ng	0.02
Target Compounds						
2) 1,4-Dioxane	3.29	88	8	Below Cal		Qvalue # 11
3) n-Nitrosodimethylamine	3.65	42	44	0.032 ng		# 14
22) Pentachlorophenol	16.91	266	9	0.272 ng		92

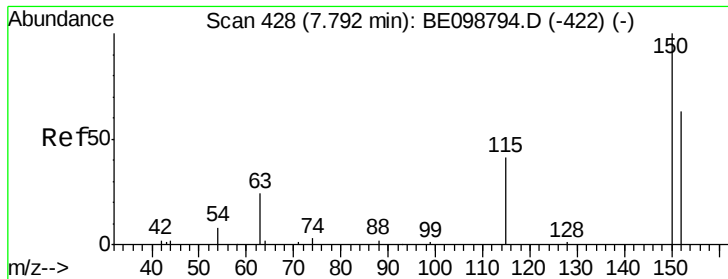
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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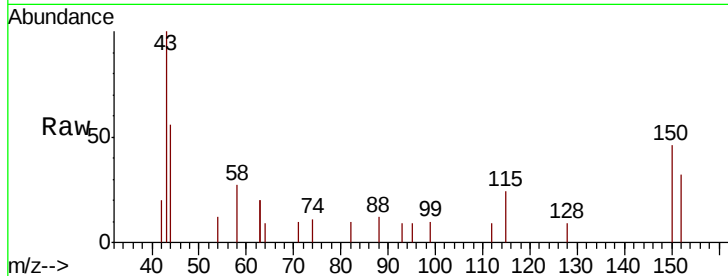


#1

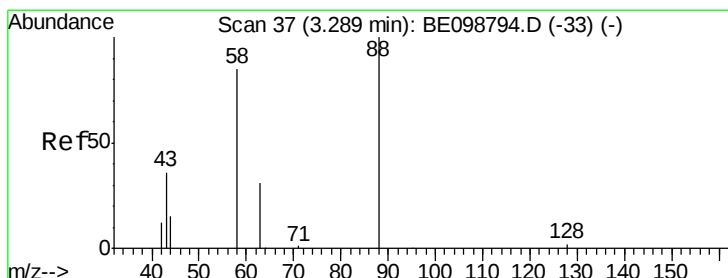
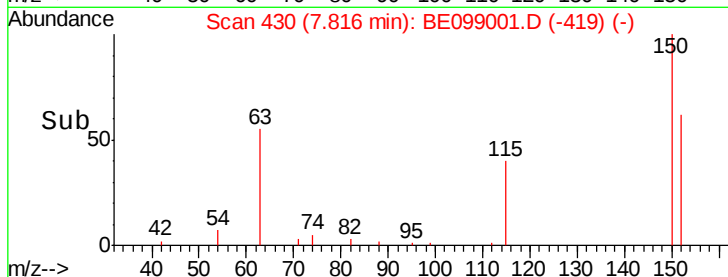
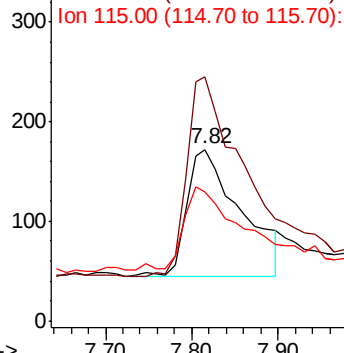
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.02 min
Lab File: BE099001.D
Acq: 18 Mar 2019 15:21

Instrument :
BNA_E
ClientSampleId :
PB117987BL

Tgt Ion: 152 Resp: 550
Ion Ratio Lower Upper
152 100
150 142.4 122.5 183.7
115 75.6 57.4 86.2



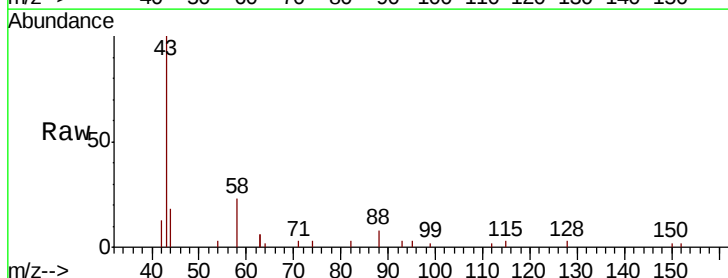
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



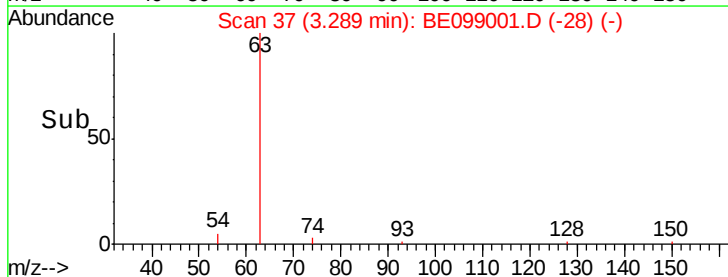
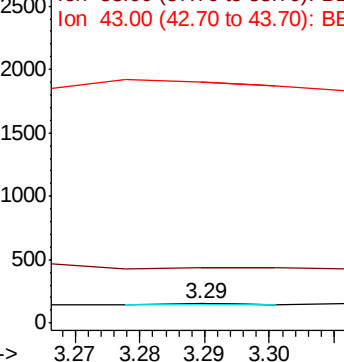
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE099001.D
Acq: 18 Mar 2019 15:21

Tgt Ion: 88 Resp: 8
Ion Ratio Lower Upper
88 100
58 0.0 75.8 113.6#
43 0.0 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



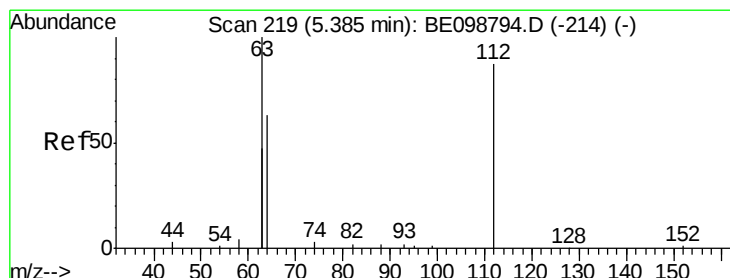
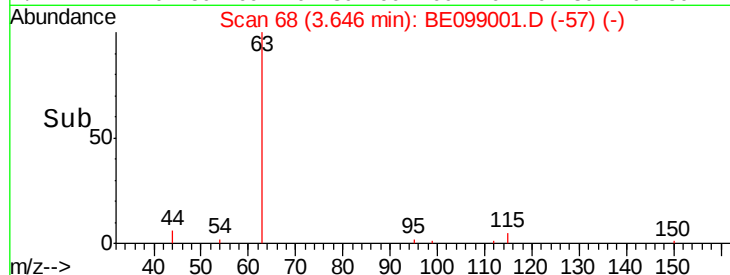
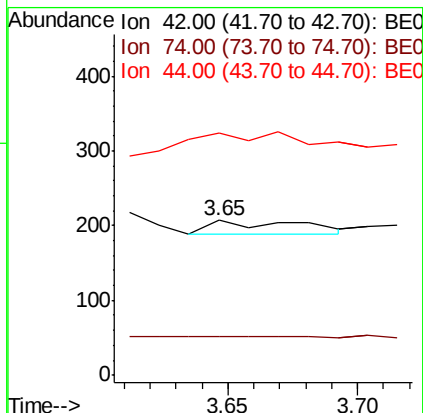
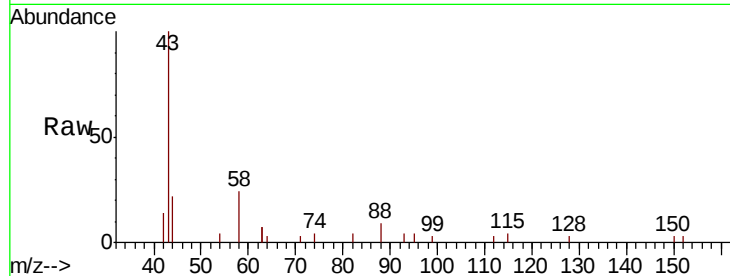


#3

n-Nitrosodimethylamine
 Concen: 0.032 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.02 min
 Lab File: BE099001.D
 Acq: 18 Mar 2019 15:21

Instrument :
 BNA_E
 ClientSampleId :
 PB117987BL

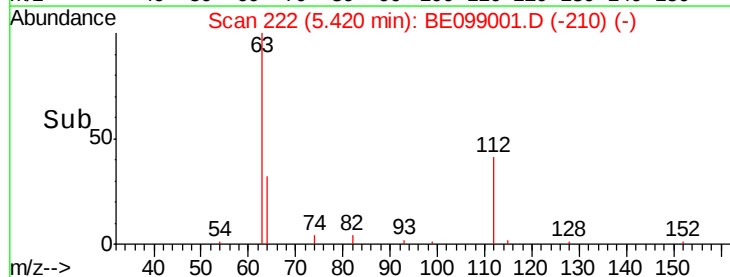
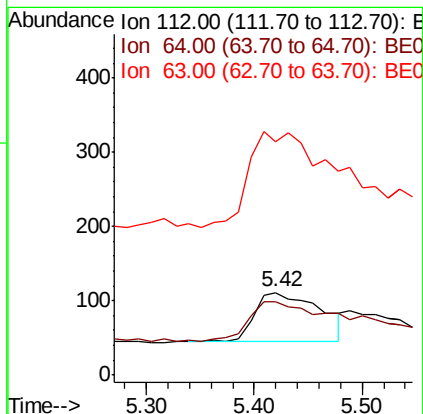
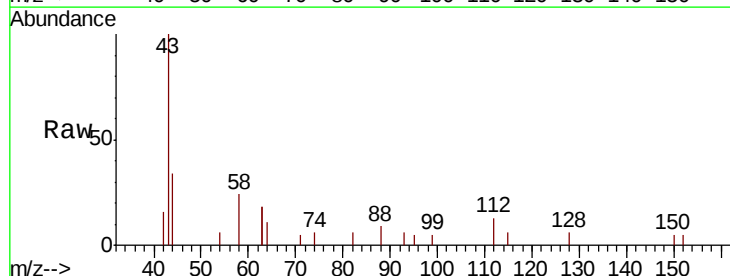
Tgt Ion: 42 Resp: 44
 Ion Ratio Lower Upper
 42 100
 74 0.0 57.0 85.4#
 44 0.0 0.0 0.0



#4

2-Fluorophenol
 Concen: 0.168 ng
 RT: 5.42 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BE099001.D
 Acq: 18 Mar 2019 15:21

Tgt Ion: 112 Resp: 276
 Ion Ratio Lower Upper
 112 100
 64 146.4 57.9 86.9#
 63 352.5 158.3 237.5#





#5

Phenol-d6

Concen: 0.212 ng

RT: 7.11 min Scan# 369

Delta R.T. 0.13 min

Lab File: BE099001.D

Acq: 18 Mar 2019 15:21

Instrument :

BNA_E

ClientSampleId :

PB117987BL

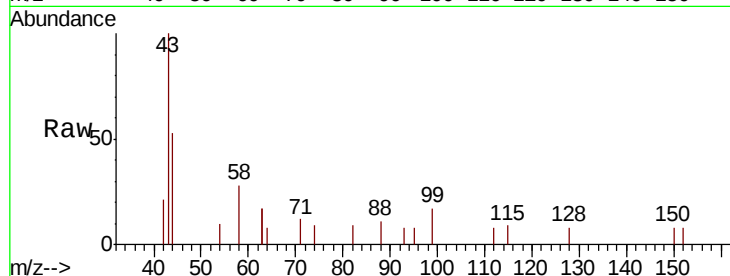
Tgt Ion: 99 Resp: 493

Ion Ratio Lower Upper

99 100

42 14.4 24.2 36.2#

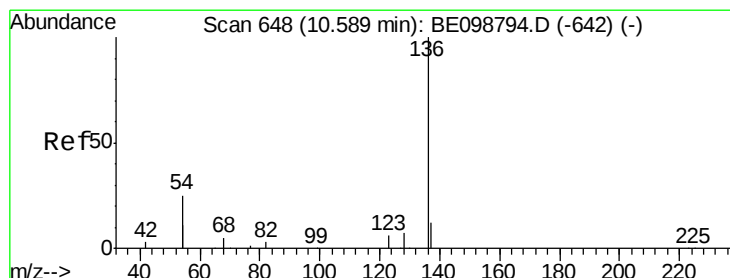
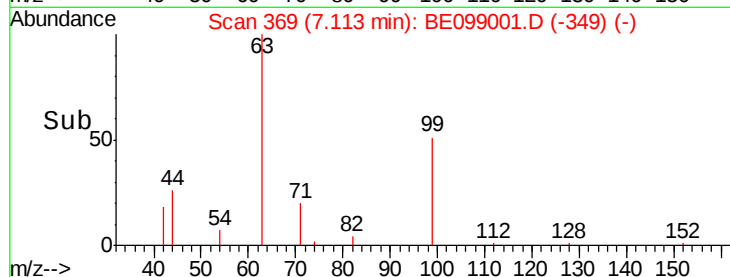
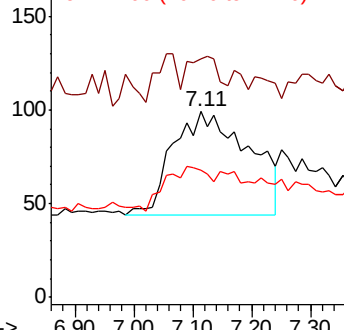
71 0.0 35.7 53.5#



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: 10.63 min Scan# 651

Delta R.T. 0.04 min

Lab File: BE099001.D

Acq: 18 Mar 2019 15:21

Tgt Ion: 136 Resp: 2750

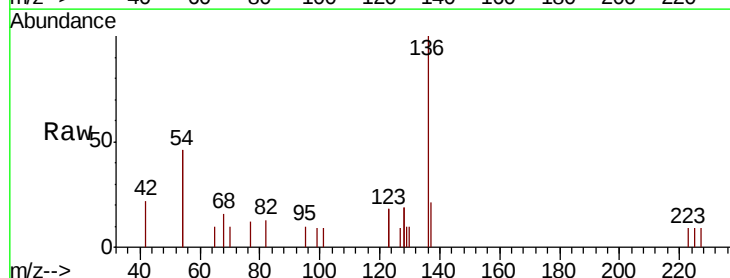
Ion Ratio Lower Upper

136 100

137 21.0 11.4 17.0#

54 92.7 39.3 58.9#

68 15.9 6.7 10.1#

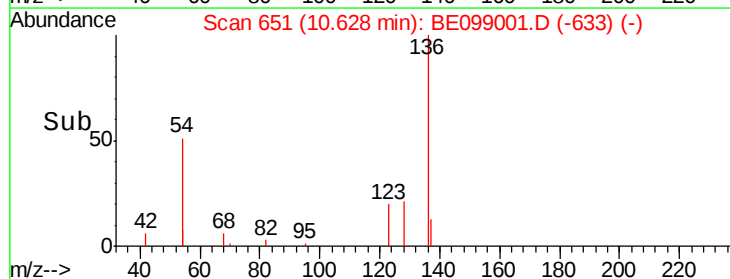
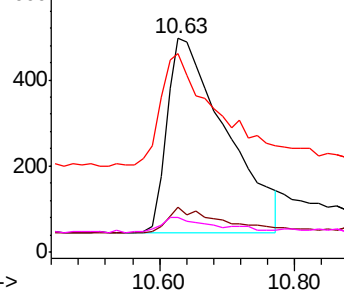


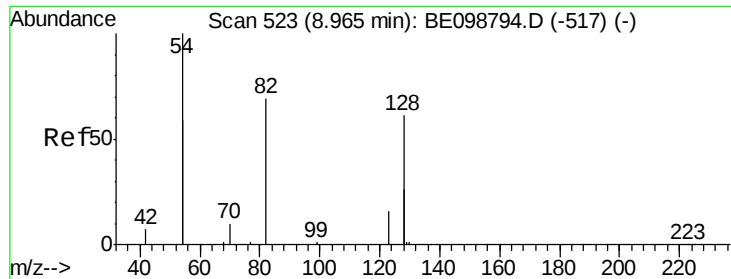
Abundance Ion 136.00 (135.70 to 136.70): E

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

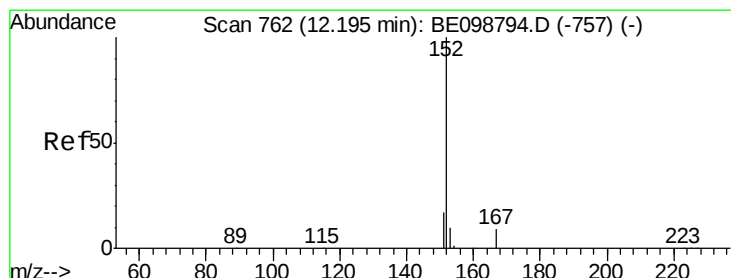
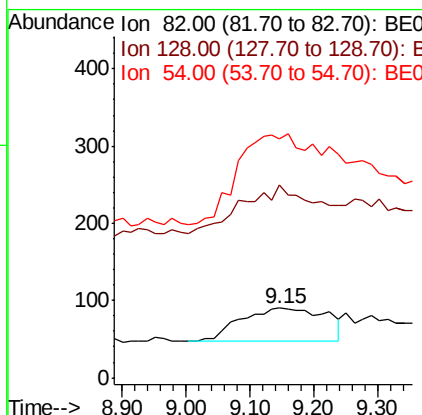
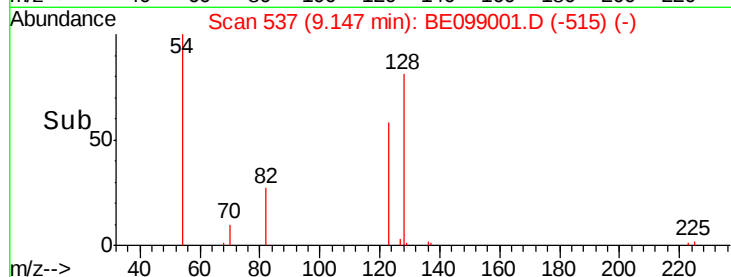
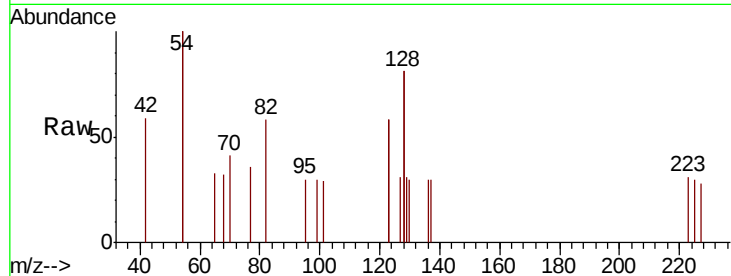




#8
 Nitrobenzene-d5
 Concen: 0.141 ng
 RT: 9.15 min Scan# 537
 Delta R.T. 0.18 min
 Lab File: BE099001.D
 Acq: 18 Mar 2019 15:21

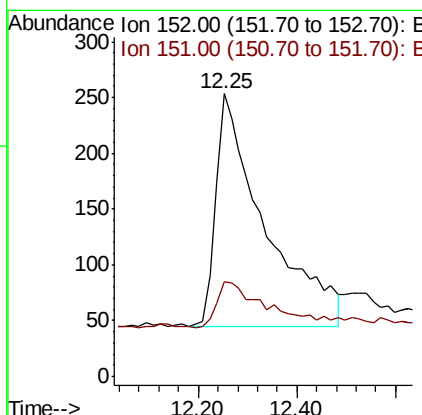
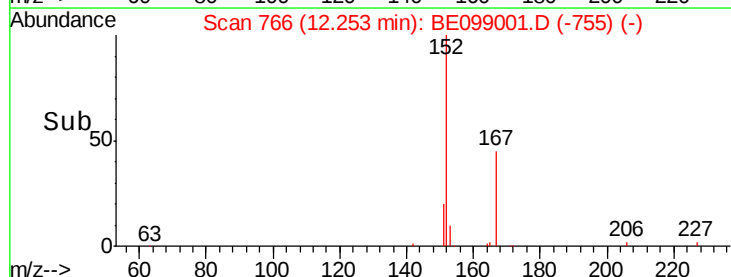
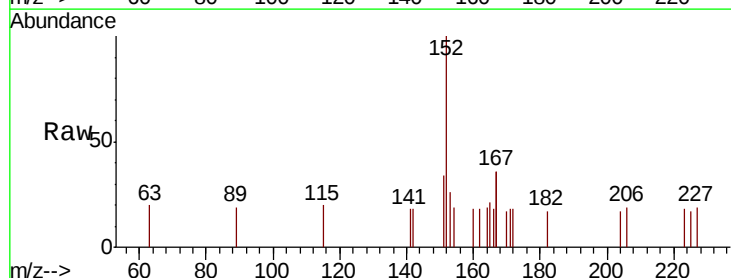
Instrument :
 BNA_E
 ClientSampleId :
 PB117987BL

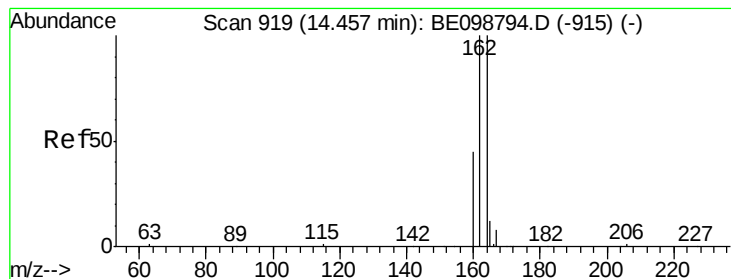
Tgt Ion: 82 Resp: 406
 Ion Ratio Lower Upper
 82 100
 128 277.8 123.8 185.8#
 54 344.4 203.4 305.2#



#11
 2-Methylnaphthalene-d10
 Concen: 0.278 ng
 RT: 12.25 min Scan# 766
 Delta R.T. 0.06 min
 Lab File: BE099001.D
 Acq: 18 Mar 2019 15:21

Tgt Ion: 152 Resp: 1413
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE099001.D

Acq: 18 Mar 2019 15:21

Instrument :

BNA_E

ClientSampleId :

PB117987BL

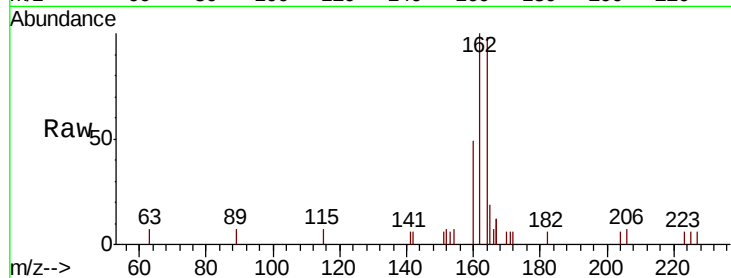
Tgt Ion:164 Resp: 2330

Ion Ratio Lower Upper

164 100

162 102.5 80.2 120.2

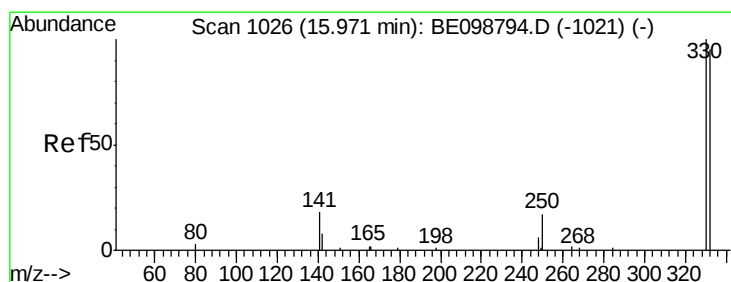
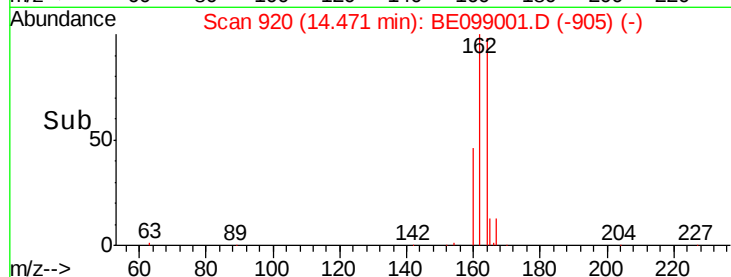
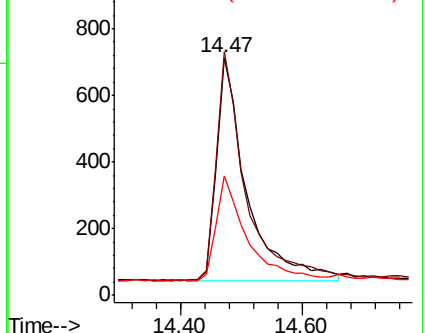
160 50.2 37.8 56.8



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



#14

2,4,6-Tribromophenol

Concen: 0.003 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE099001.D

Acq: 18 Mar 2019 15:21

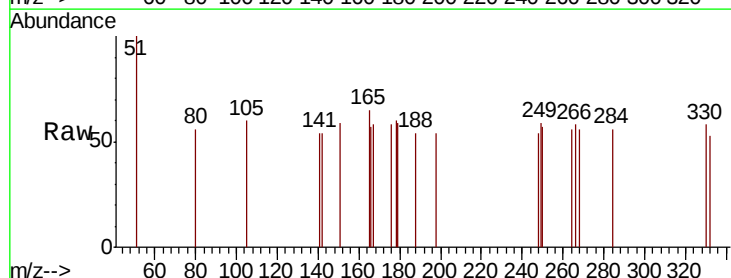
Tgt Ion:330 Resp: 4

Ion Ratio Lower Upper

330 100

332 0.0 77.6 116.4#

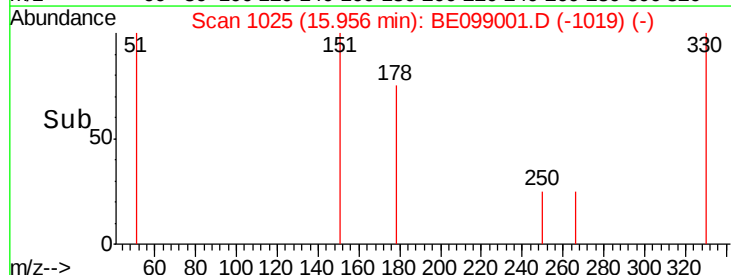
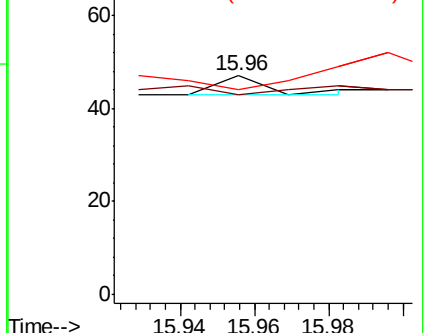
141 0.0 31.0 46.4#

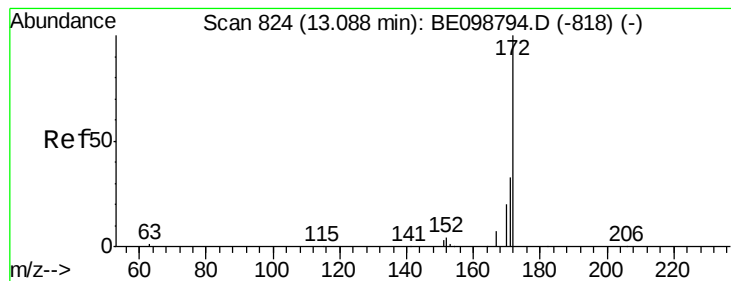


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

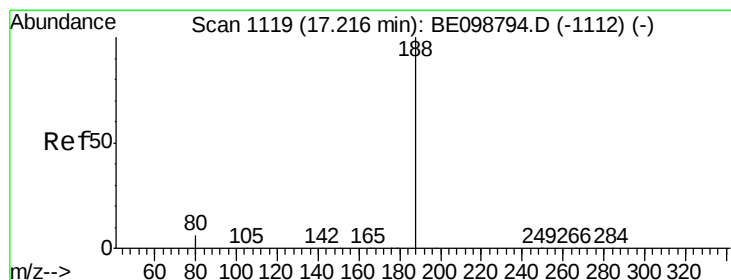
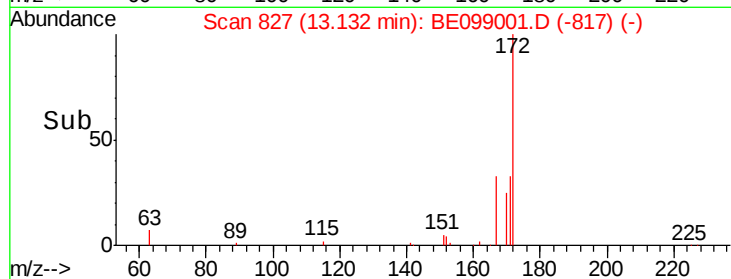
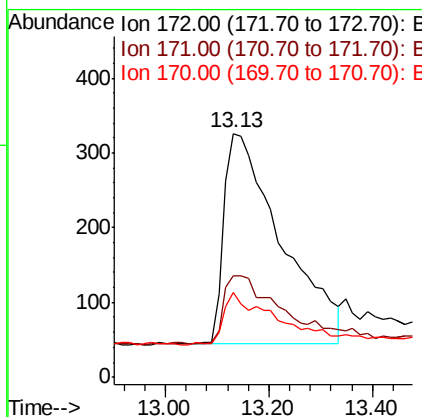
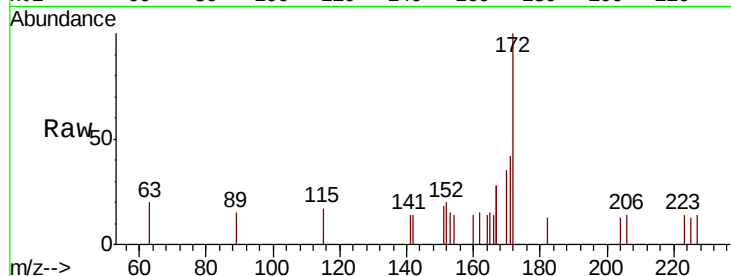




#15
 2-Fluorobiphenyl
 Concen: 0.224 ng
 RT: 13.13 min Scan# 827
 Delta R.T. 0.04 min
 Lab File: BE099001.D
 Acq: 18 Mar 2019 15:21

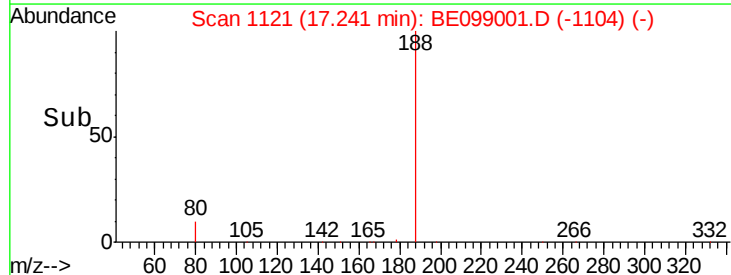
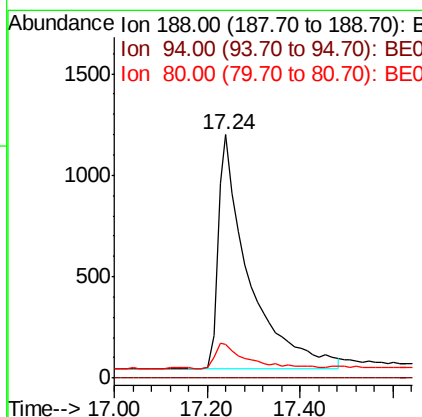
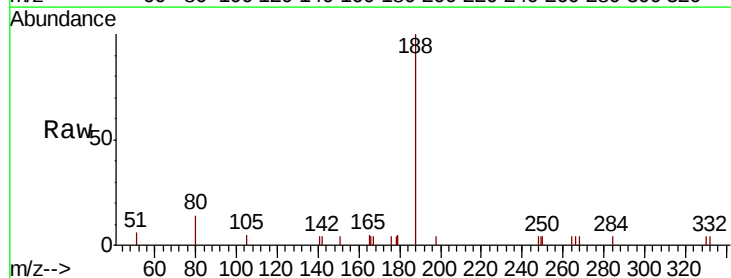
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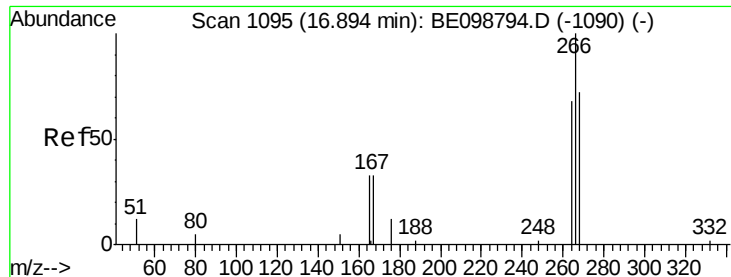
Tgt Ion:172 Resp: 2165
 Ion Ratio Lower Upper
 172 100
 171 41.7 28.0 42.0
 170 35.0 17.7 26.5#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.24 min Scan# 1121
 Delta R.T. 0.03 min
 Lab File: BE099001.D
 Acq: 18 Mar 2019 15:21

Tgt Ion:188 Resp: 5322
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 14.1 6.3 9.5#





#22

Pentachlorophenol

Concen: 0.272 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE099001.D

Acq: 18 Mar 2019 15:21

Instrument :

BNA_E

ClientSampleId :

PB117987BL

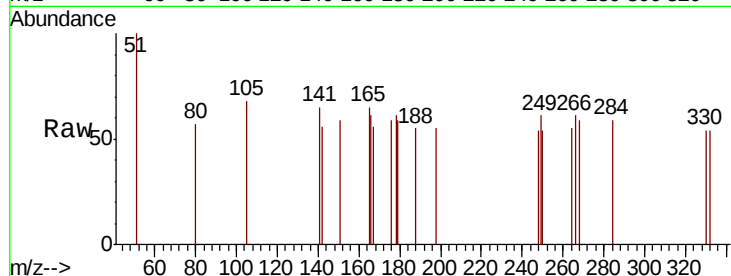
Tgt Ion: 266 Resp: 9

Ion Ratio Lower Upper

266 100

264 90.0 66.6 100.0

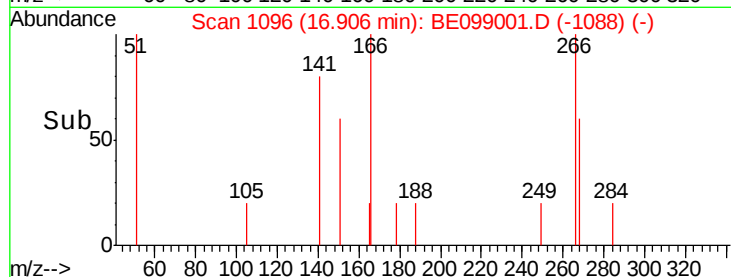
268 96.0 69.8 104.8



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

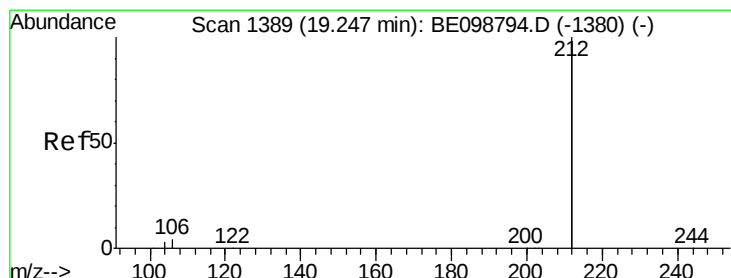
Ion 268.00 (267.70 to 268.70): E



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: 0.253 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.02 min

Lab File: BE099001.D

Acq: 18 Mar 2019 15:21

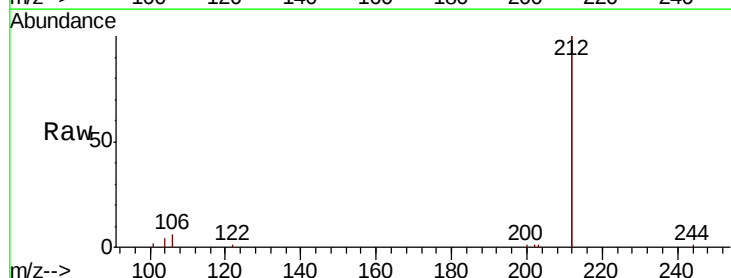
Tgt Ion: 212 Resp: 21488

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.8

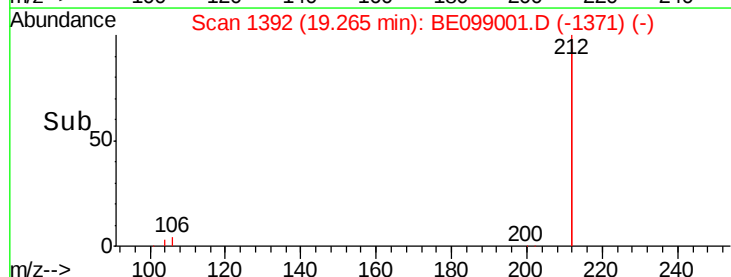
104 1.4 1.0 1.6



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



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

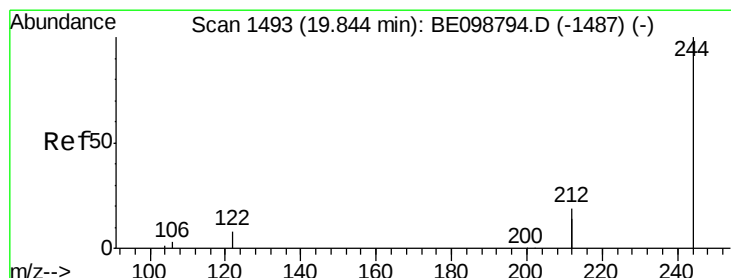
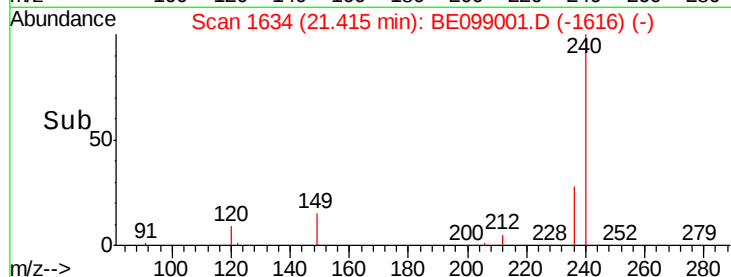
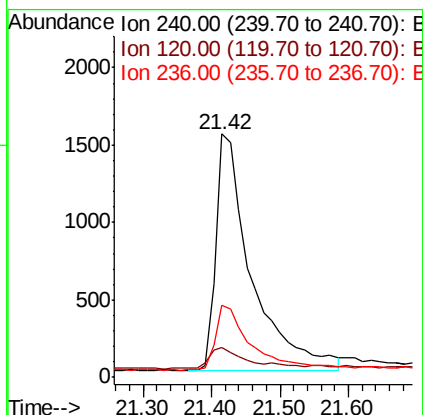
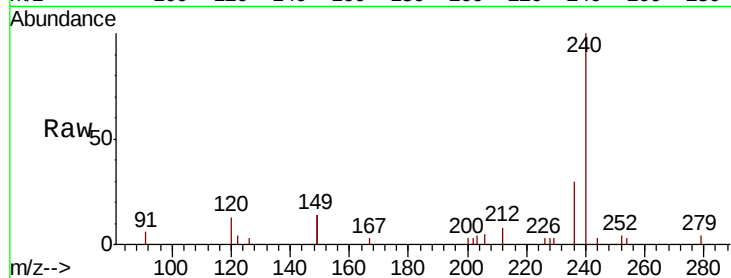




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE099001.D
Acq: 18 Mar 2019 15:21

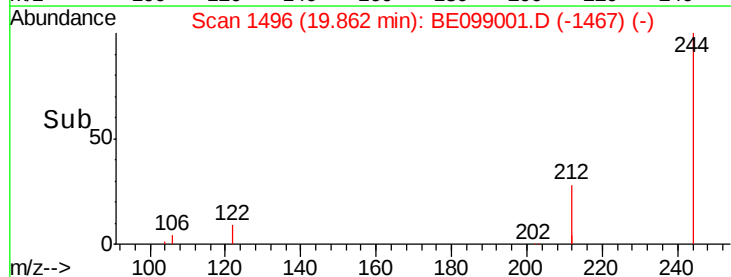
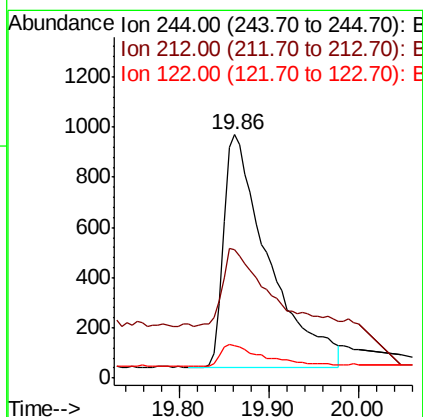
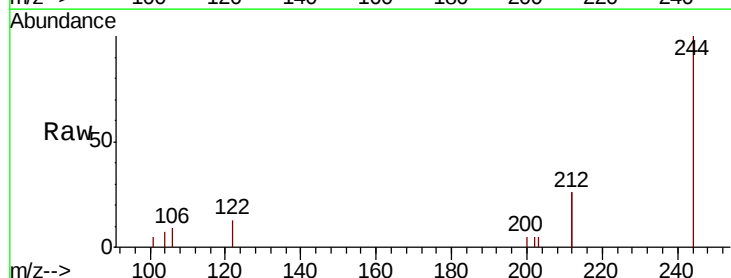
Instrument :
BNA_E
ClientSampleId :
PB117987BL

Tgt Ion:240 Resp: 5498
Ion Ratio Lower Upper
240 100
120 12.5 5.0 7.4#
236 29.9 22.7 34.1



#29
Terphenyl-d14
Concen: 0.238 ng
RT: 19.86 min Scan# 1496
Delta R.T. 0.02 min
Lab File: BE099001.D
Acq: 18 Mar 2019 15:21

Tgt Ion:244 Resp: 3176
Ion Ratio Lower Upper
244 100
212 52.8 29.4 44.2#
122 13.2 7.1 10.7#

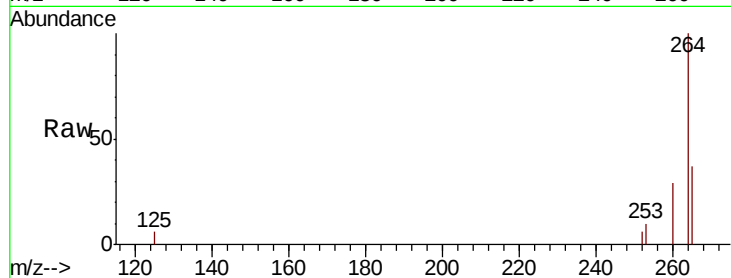




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2215
Delta R.T. 0.02 min
Lab File: BE099001.D
Acq: 18 Mar 2019 15:21

Instrument :
BNA_E
ClientSampleId :
PB117987BL

Tgt Ion: 264 Resp: 4677
Ion Ratio Lower Upper
264 100
260 29.0 21.2 31.8
265 37.0 24.6 36.8



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

