

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
 Data File : BE099110.D
 Acq On : 23 Mar 2019 13:55
 Operator : JU/SJ
 Sample : PB118176BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118176BL

Quant Time: Mar 23 22:35:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 23 04:40:11 2019
 Response via : Initial Calibration

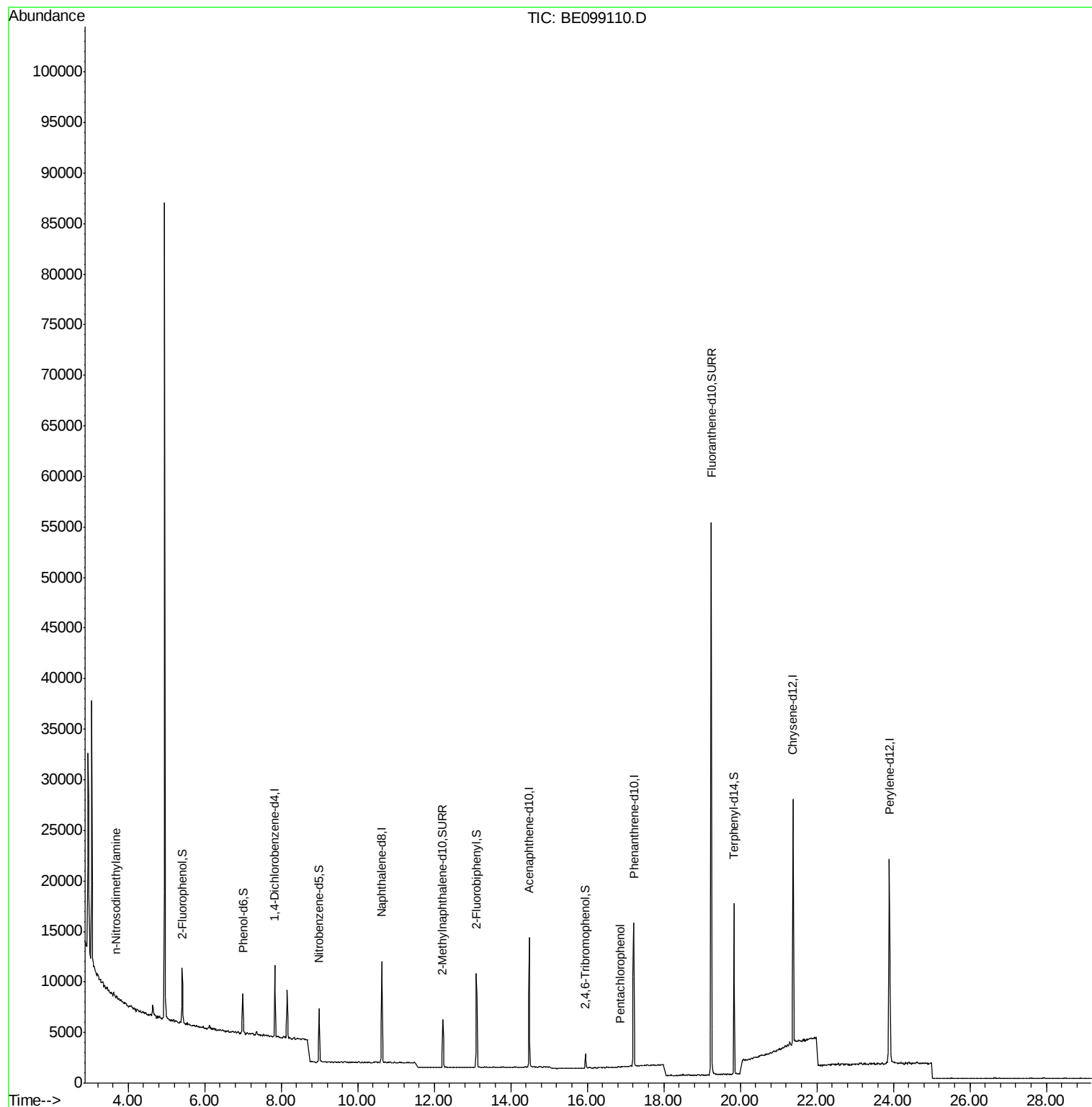
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3342	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	12339	0.40	ng	-0.01
13) Acenaphthene-d10	14.48	164	7683	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	19892	0.40	ng	0.00
27) Chrysene-d12	21.38	240	27276	0.40	ng	-0.01
34) Perylene-d12	23.89	264	30235	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	3022	0.30	ng	0.00
5) Phenol-d6	7.00	99	4012	0.28	ng	0.00
8) Nitrobenzene-d5	8.99	82	2446	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.22	152	6040	0.27	ng	-0.02
14) 2,4,6-Tribromophenol	15.96	330	842	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	9293	0.30	ng	-0.02
25) Fluoranthene-d10	19.24	212	74368	0.28	ng	0.00
29) Terphenyl-d14	19.83	244	15013	0.26	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.68	42	96	0.036	ng	Qvalue # 1
22) Pentachlorophenol	16.85	266	13	0.254	ng	95

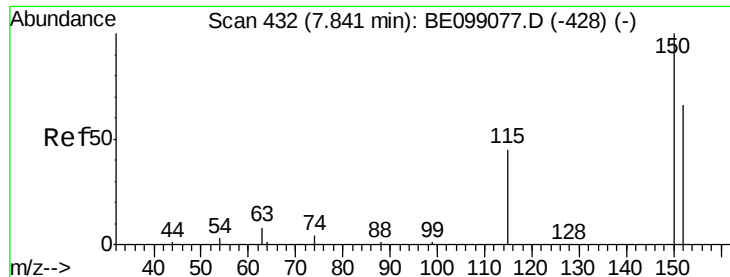
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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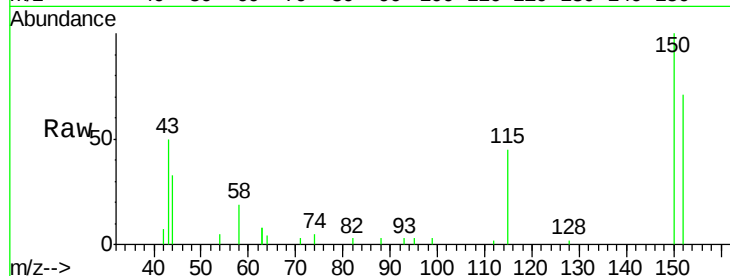


#1

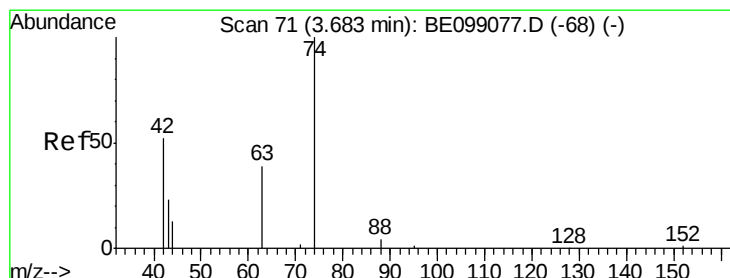
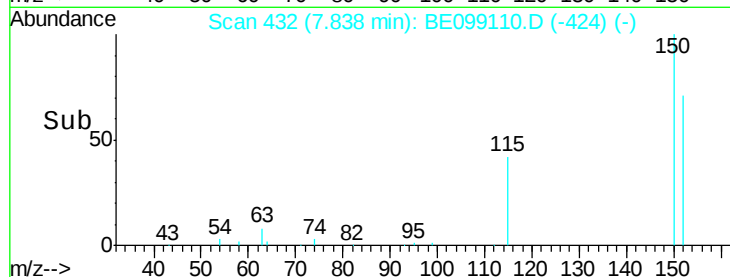
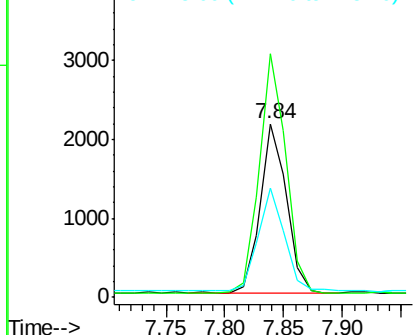
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099110.D
Acq: 23 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB118176BL

Tgt Ion:152 Resp: 3342
Ion Ratio Lower Upper
152 100
150 140.3 122.5 183.7
115 62.6 57.4 86.2



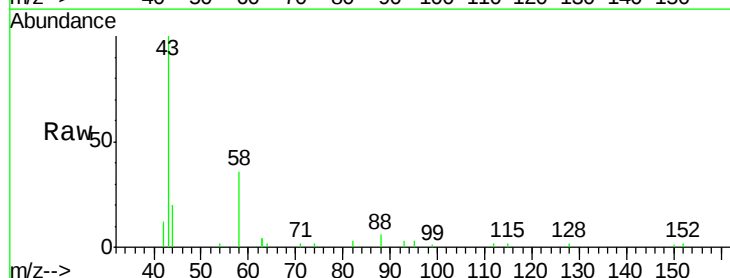
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



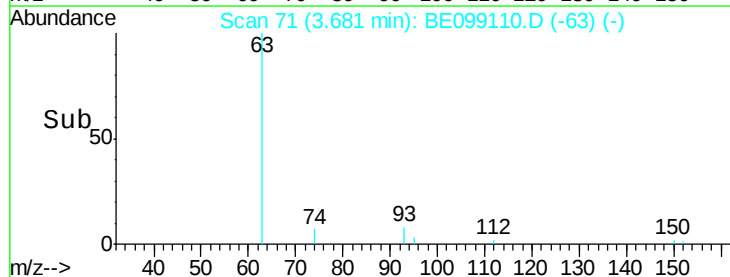
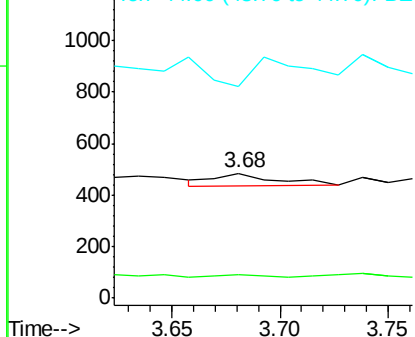
#3

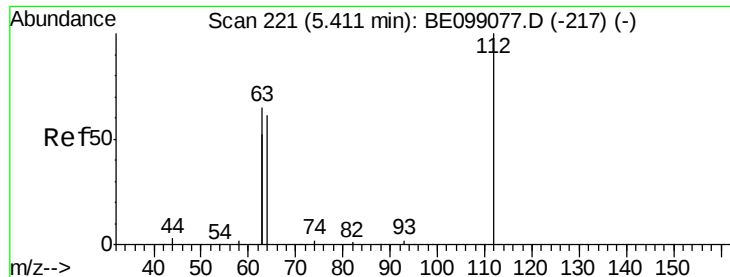
n-Nitrosodimethylamine
Concen: 0.036 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE099110.D
Acq: 23 Mar 2019 13:55

Tgt Ion: 42 Resp: 96
Ion Ratio Lower Upper
42 100
74 17.7 160.0 240.0#
44 228.1 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: 0.304 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.01 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB118176BL

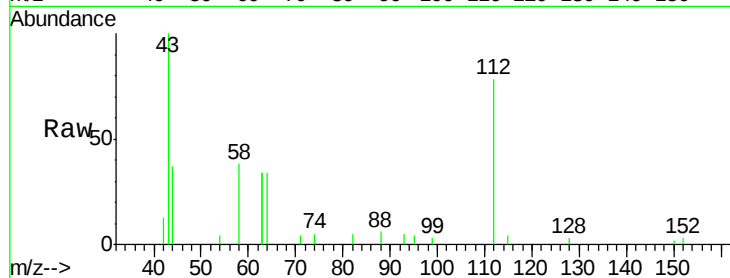
Tgt Ion:112 Resp: 3022

Ion Ratio Lower Upper

112 100

64 61.4 57.9 86.9

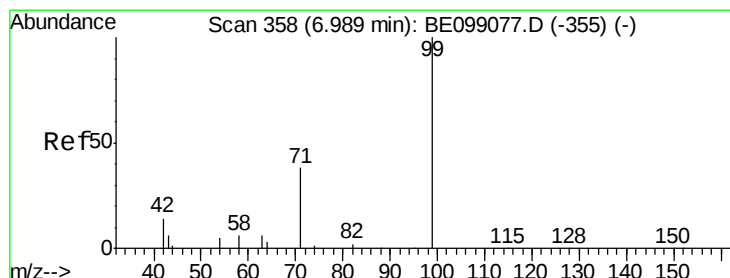
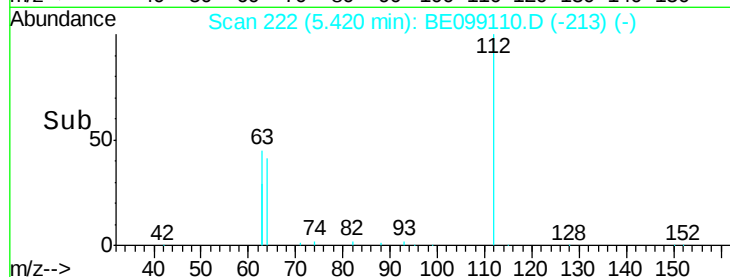
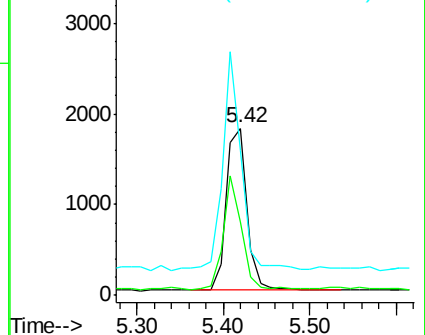
63 119.2 158.3 237.5#



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: 0.280 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

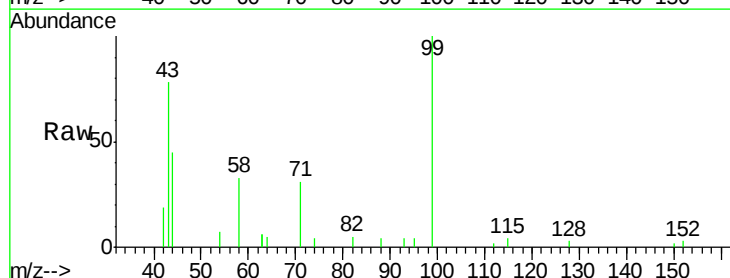
Tgt Ion: 99 Resp: 4012

Ion Ratio Lower Upper

99 100

42 15.4 24.2 36.2#

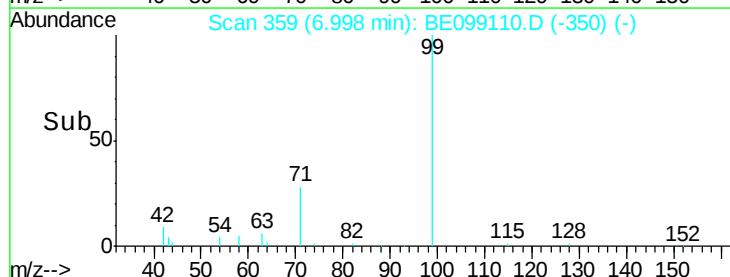
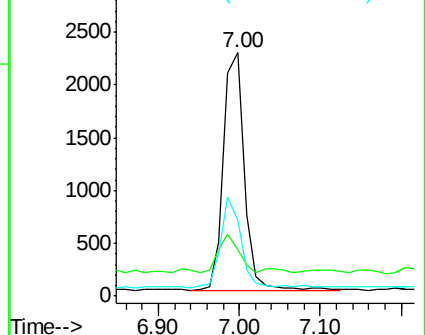
71 36.3 35.7 53.5

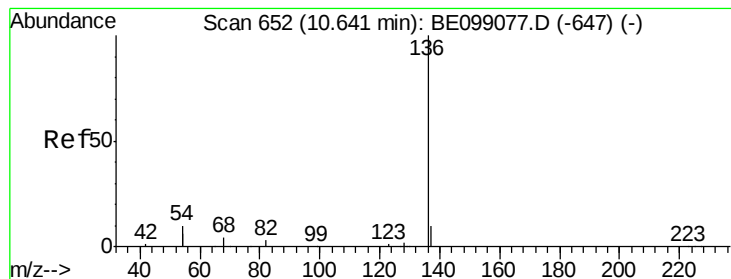


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

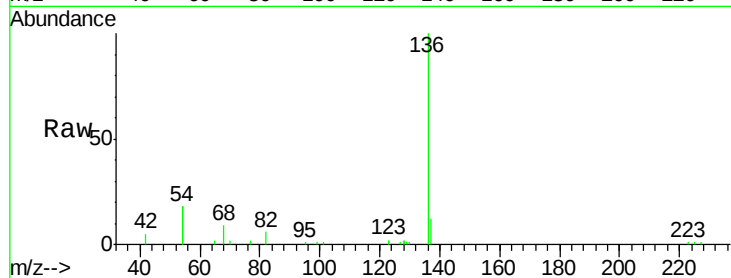
Instrument :

BNA_E

ClientSampleId :

PB118176BL

Tgt Ion:	136	Resp:	12339
Ion	Ratio	Lower	Upper
136	100		
137	11.8	11.4	17.0
54	36.6	39.3	58.9#
68	9.4	6.7	10.1

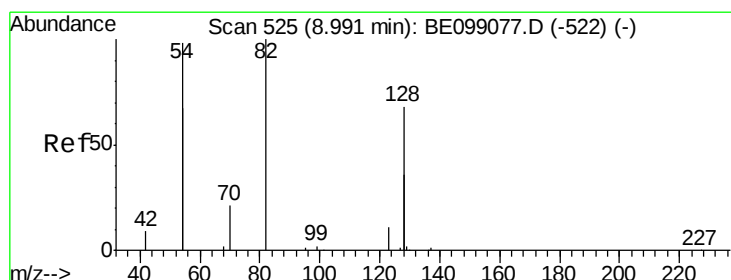
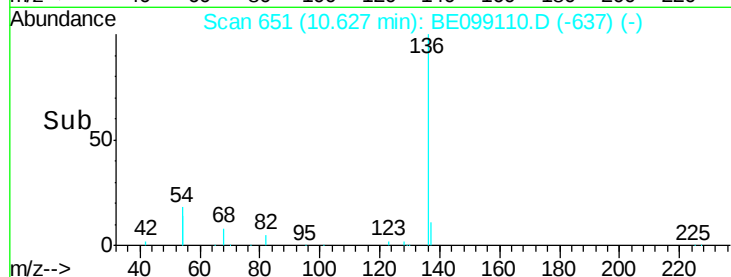
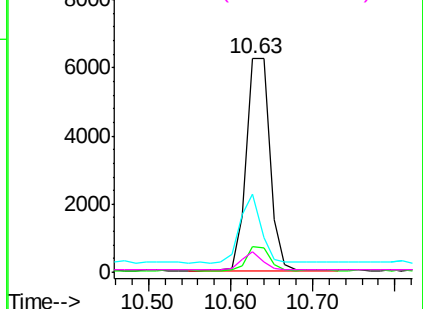


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.453 ng

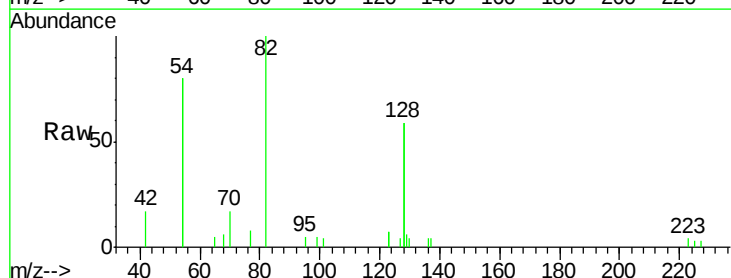
RT: 8.99 min Scan# 525

Delta R.T. -0.01 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

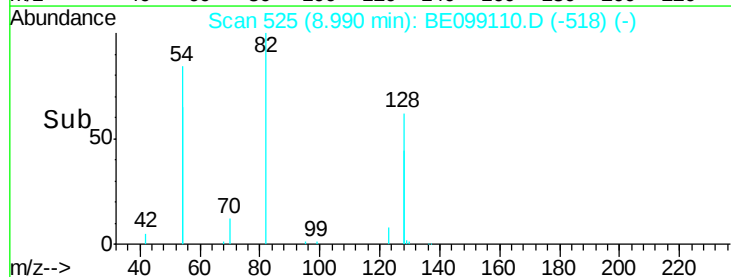
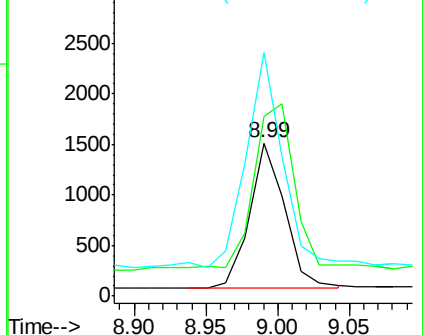
Tgt Ion:	82	Resp:	2446
Ion	Ratio	Lower	Upper
82	100		
128	117.7	123.8	185.8#
54	159.3	203.4	305.2#

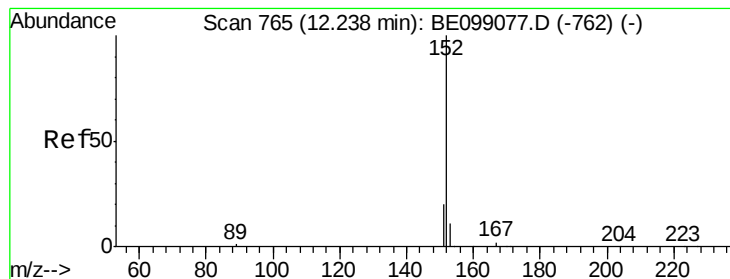


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.272 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.02 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

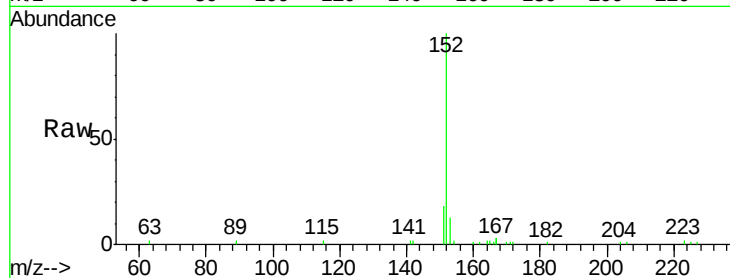
PB118176BL

Tgt Ion:152 Resp: 6040

Ion Ratio Lower Upper

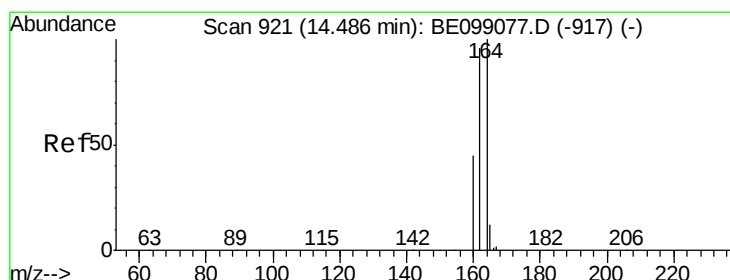
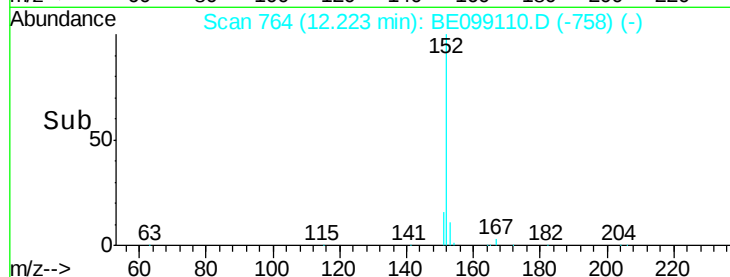
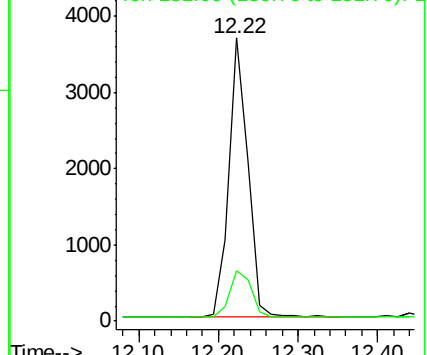
152 100

151 19.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.48 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

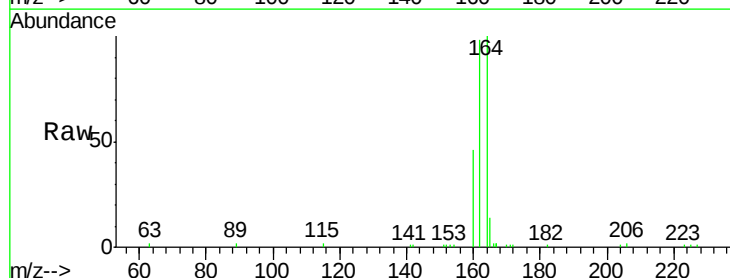
Tgt Ion:164 Resp: 7683

Ion Ratio Lower Upper

164 100

162 98.2 80.2 120.2

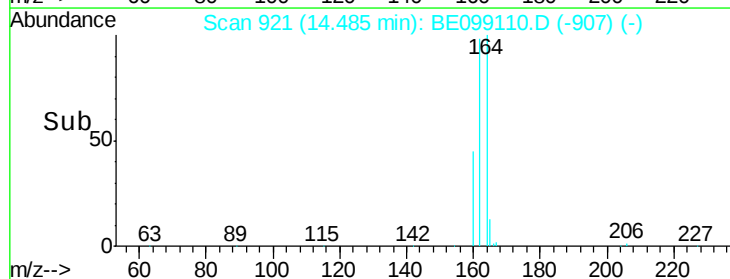
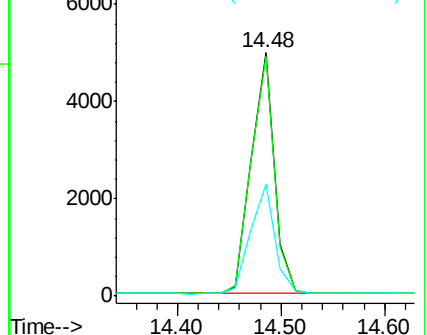
160 45.8 37.8 56.8

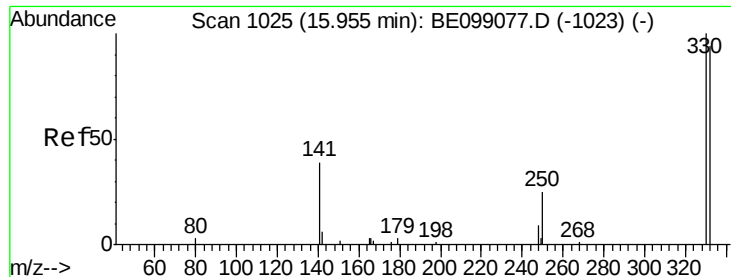


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

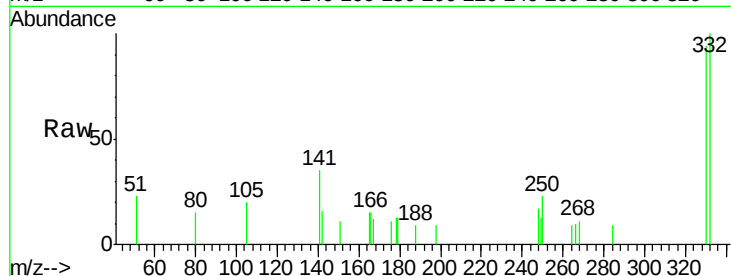




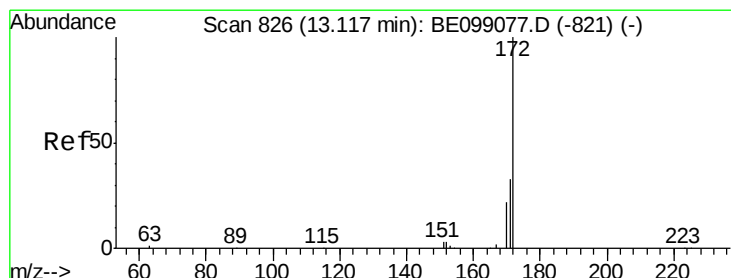
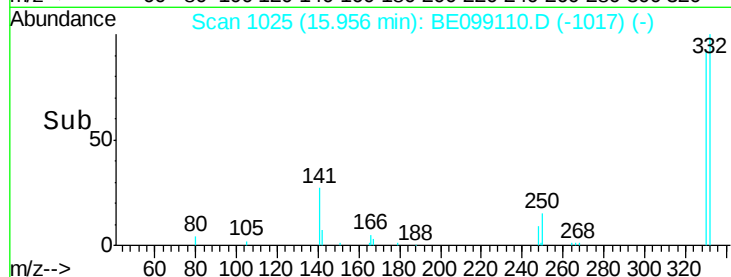
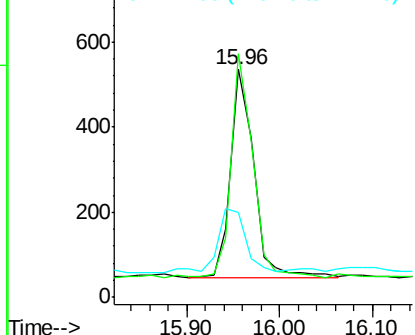
#14
 2,4,6-Tribromophenol
 Concen: 0.373 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE099110.D
 Acq: 23 Mar 2019 13:55

Instrument :
 BNA_E
 ClientSampleId :
 PB118176BL

Tgt Ion:330 Resp: 842
 Ion Ratio Lower Upper
 330 100
 332 102.3 77.6 116.4
 141 37.8 31.0 46.4

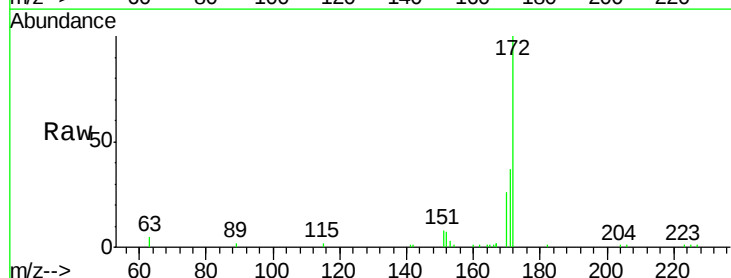


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

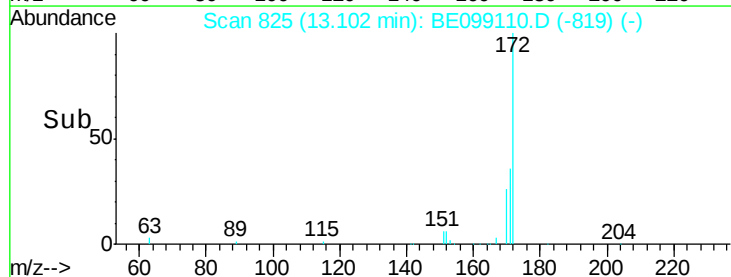
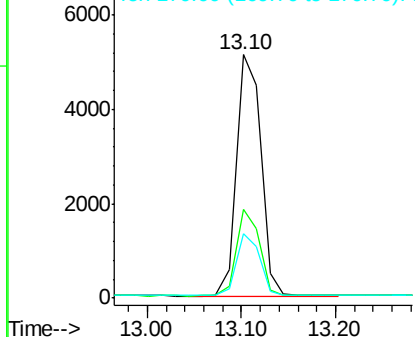


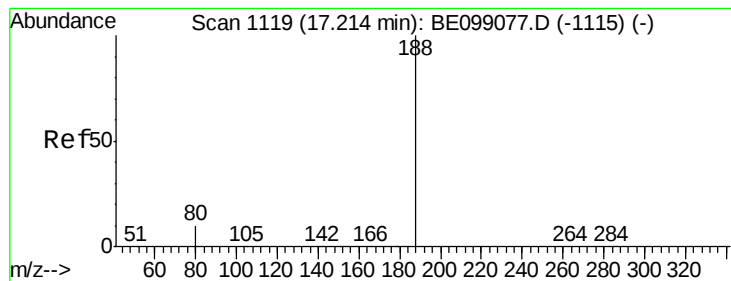
#15
 2-Fluorobiphenyl
 Concen: 0.304 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BE099110.D
 Acq: 23 Mar 2019 13:55

Tgt Ion:172 Resp: 9293
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.0 42.0
 170 26.4 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: BE099110.D

Acq: 23 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB118176BL

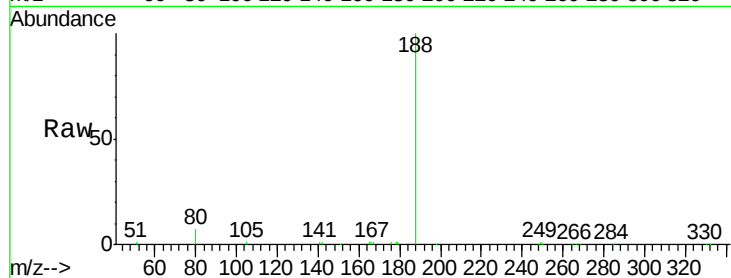
Tgt Ion:188 Resp: 19892

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

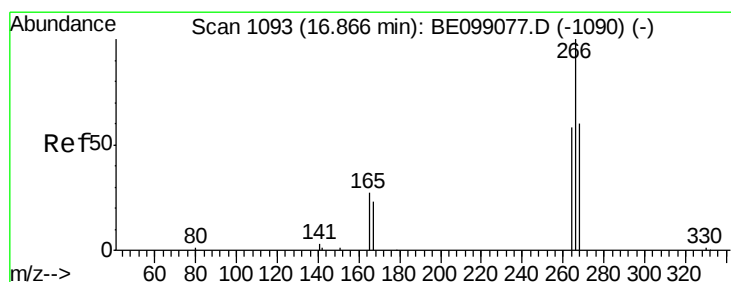
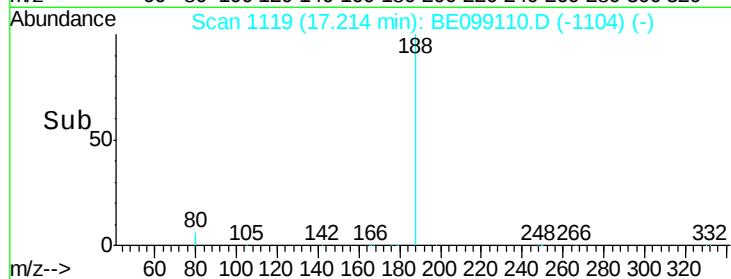
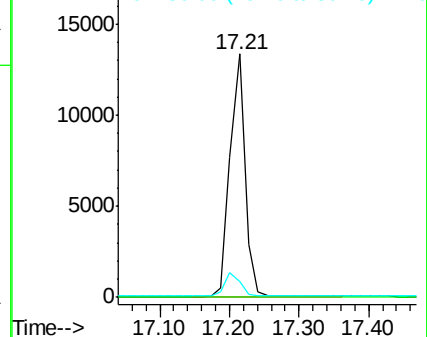
80 6.5 6.3 9.5



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: 0.254 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

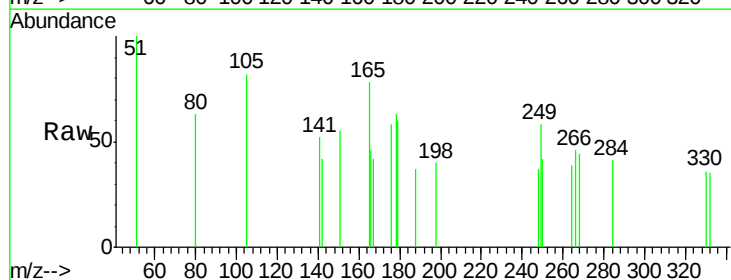
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 85.0 66.6 100.0

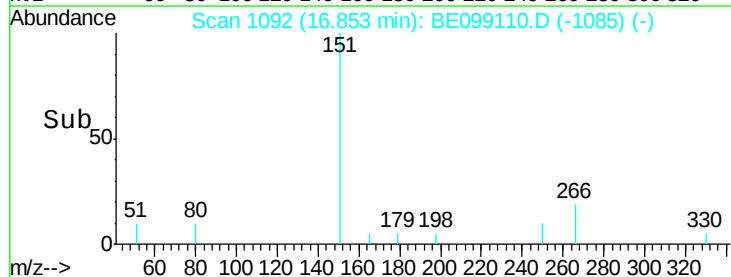
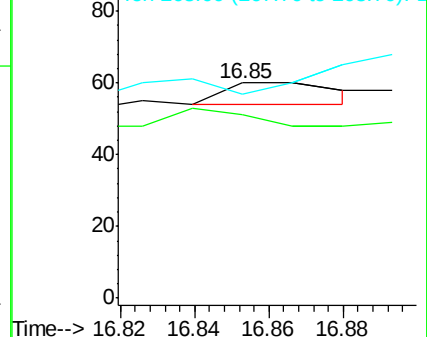
268 95.0 69.8 104.8

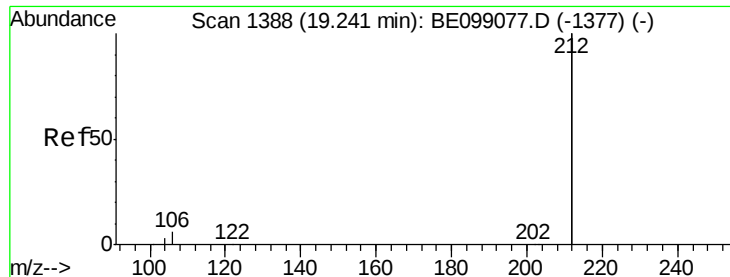


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

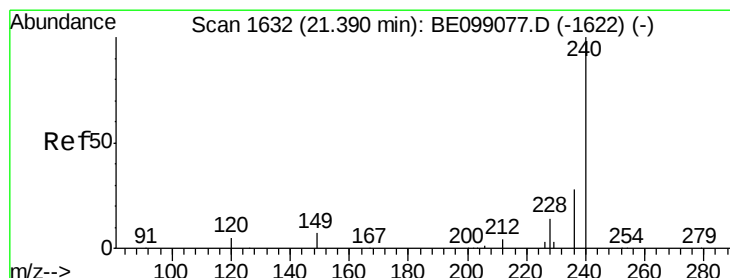
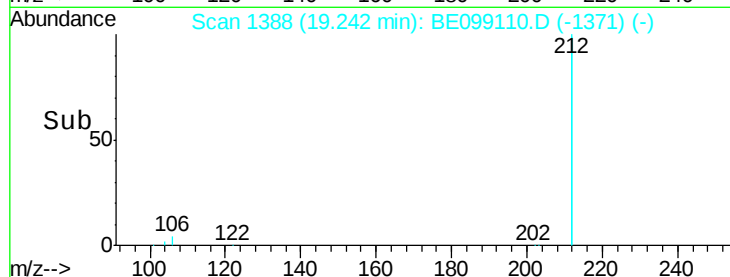
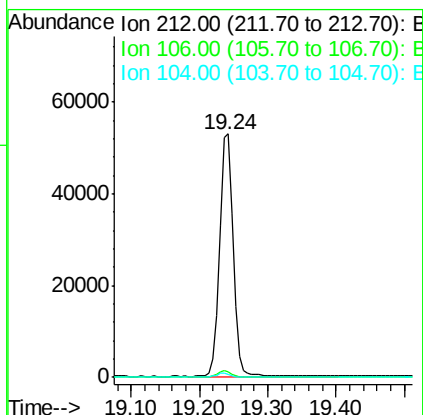
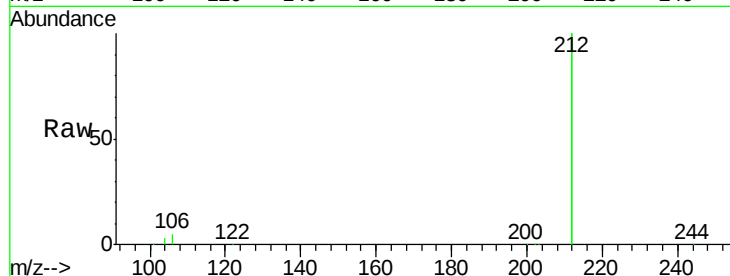




#25
 Fluoranthene-d10
 Concen: 0.280 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BE099110.D
 Acq: 23 Mar 2019 13:55

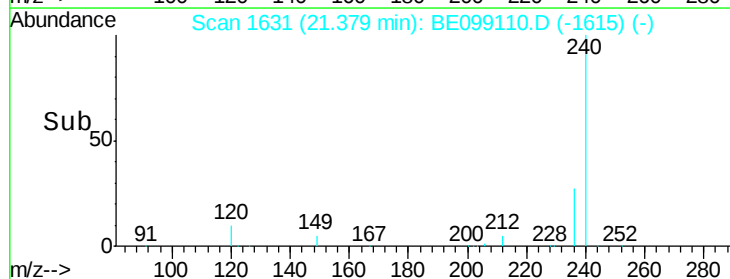
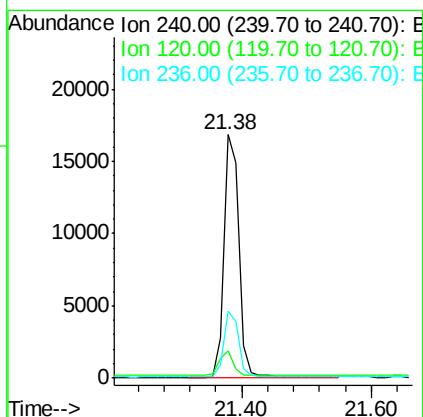
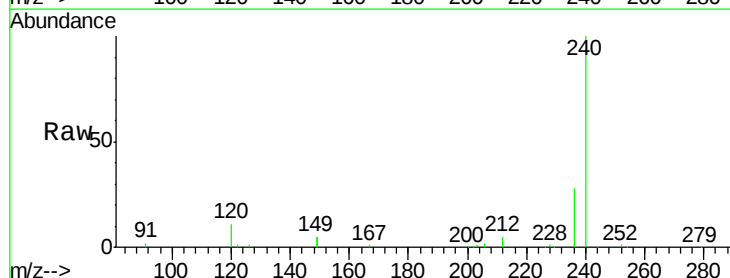
Instrument :
 BNA_E
 ClientSampleId :
 PB118176BL

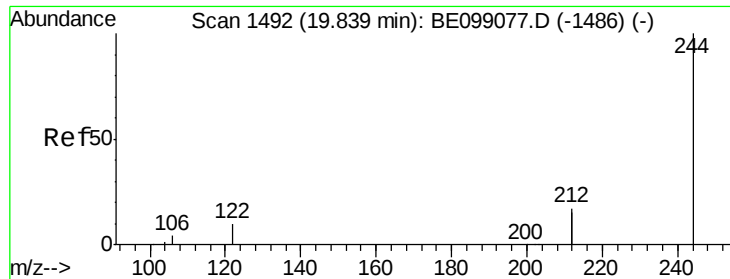
Tgt Ion: 212 Resp: 74368
 Ion Ratio Lower Upper
 212 100
 106 2.6 1.8 2.8
 104 1.5 1.0 1.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BE099110.D
 Acq: 23 Mar 2019 13:55

Tgt Ion: 240 Resp: 27276
 Ion Ratio Lower Upper
 240 100
 120 11.0 5.0 7.4#
 236 27.6 22.7 34.1





#29

Terphenyl-d14

Concen: 0.260 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB118176BL

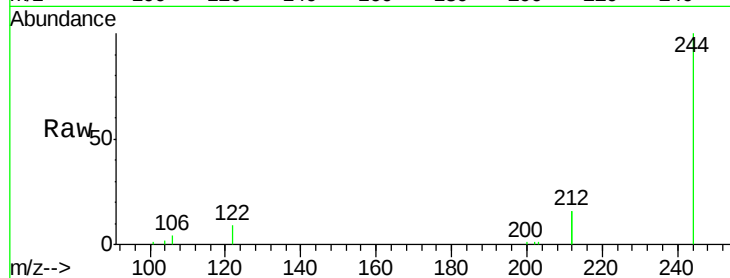
Tgt Ion:244 Resp: 15013

Ion Ratio Lower Upper

244 100

212 31.2 29.4 44.2

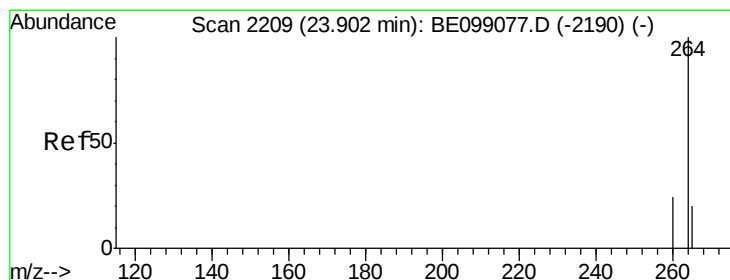
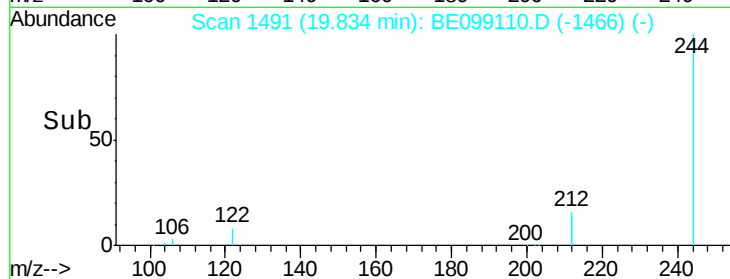
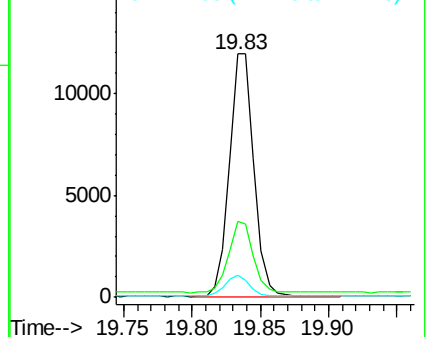
122 8.9 7.1 10.7



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.89 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

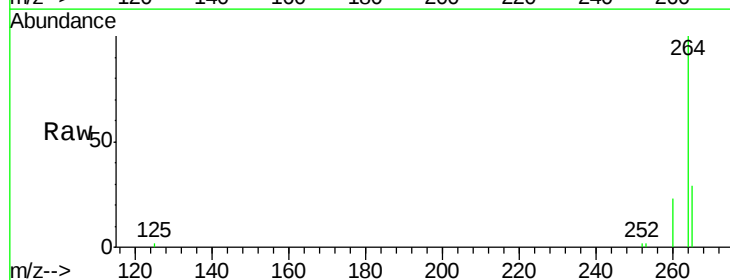
Tgt Ion:264 Resp: 30235

Ion Ratio Lower Upper

264 100

260 23.1 21.2 31.8

265 29.1 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

