

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030719\
 Data File : BE098823.D
 Acq On : 7 Mar 2019 16:49
 Operator : JU/SJ
 Sample : K1659-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M2-T5-UV(POST)

Quant Time: Mar 08 03:35:34 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

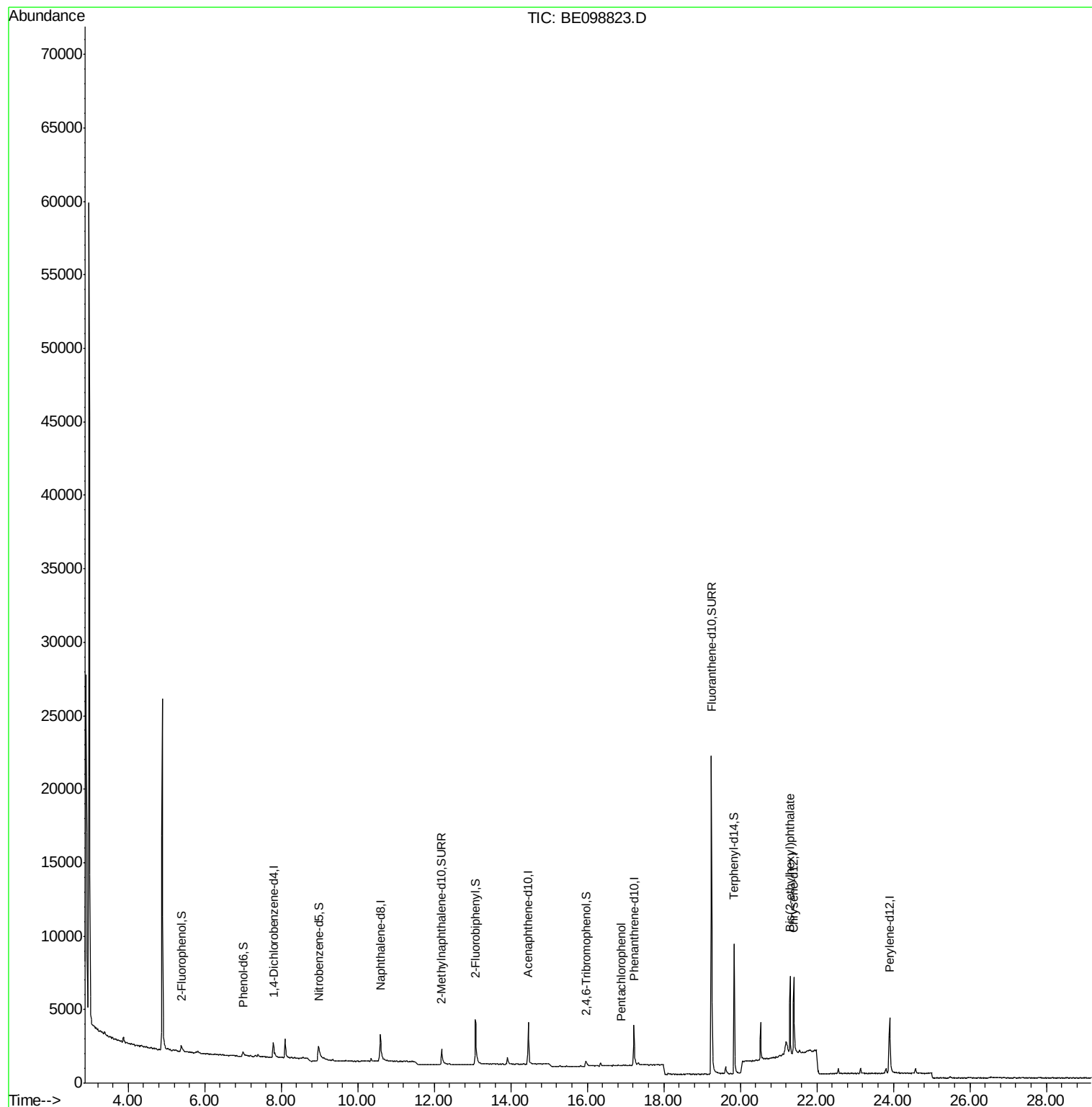
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	744	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	2913	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2004	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	4999	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6651	0.40	ng	0.00
34) Perylene-d12	23.90	264	6566	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	379	0.17	ng	0.00
5) Phenol-d6	7.00	99	303	0.10	ng	0.01
8) Nitrobenzene-d5	8.98	82	1185	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2215	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	368	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4721	0.57	ng	0.00
25) Fluoranthene-d10	19.25	212	33031	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	8891	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	98	Below Cal		Qvalue # 1
22) Pentachlorophenol	16.88	266	6	0.270	ng	88
32) Bis(2-ethylhexyl)phthalate	21.31	149	6436	0.146	ng	99

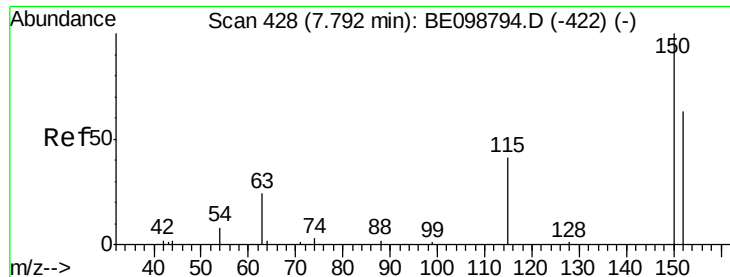
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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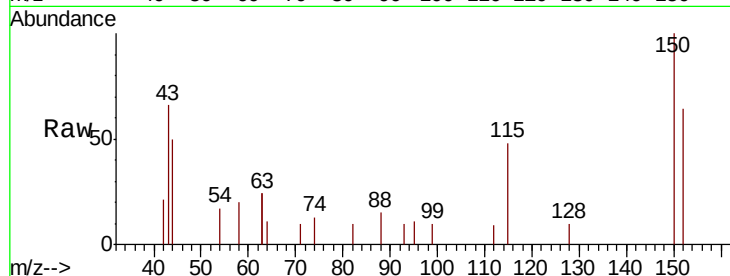


#1

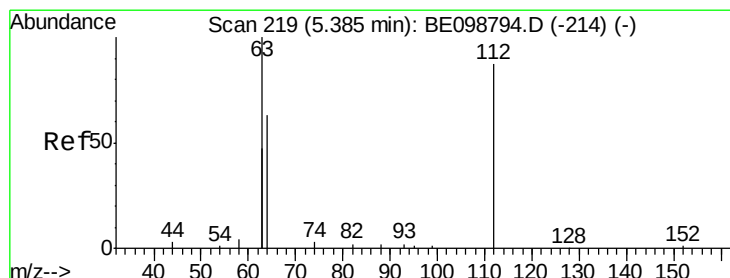
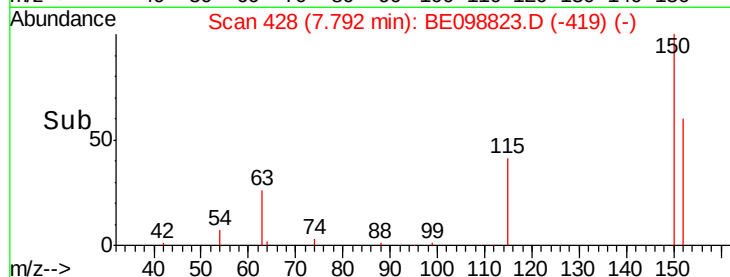
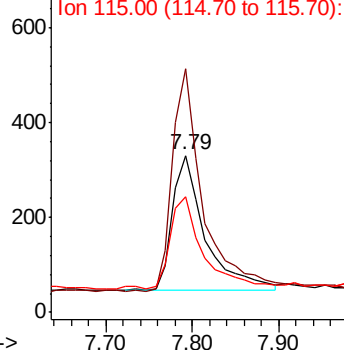
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098823.D
Acq: 7 Mar 2019 16:49

Instrument :
BNA_E
ClientSampleId :
M2-T5-UV(POST)

Tgt Ion:152 Resp: 744
Ion Ratio Lower Upper
152 100
150 155.5 122.5 183.7
115 74.2 57.4 86.2



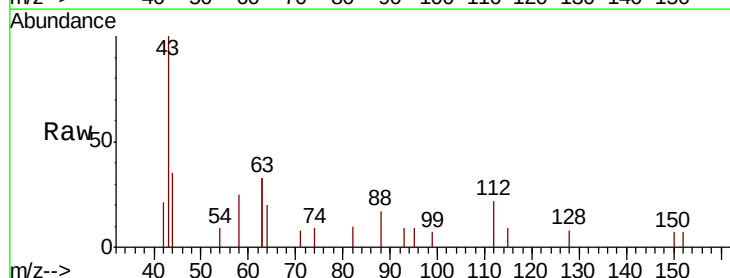
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



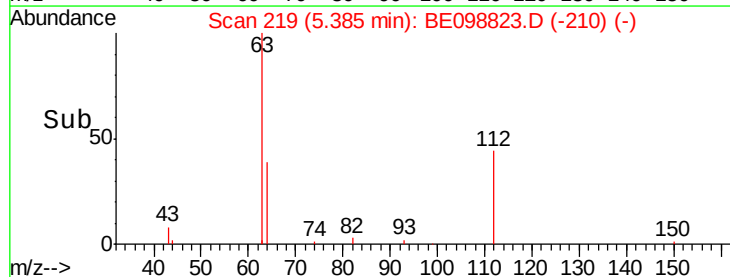
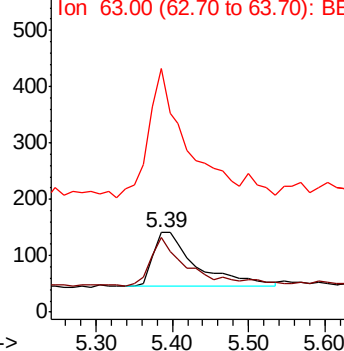
#4

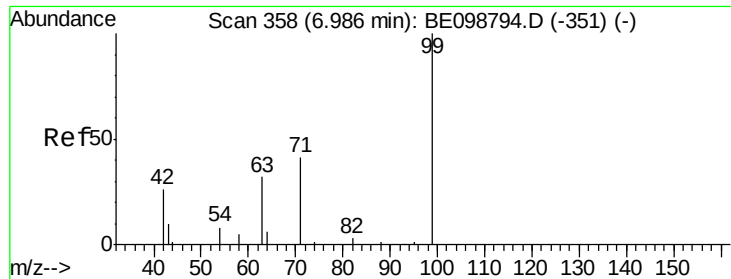
2-Fluorophenol
Concen: 0.170 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE098823.D
Acq: 7 Mar 2019 16:49

Tgt Ion:112 Resp: 379
Ion Ratio Lower Upper
112 100
64 79.2 57.9 86.9
63 203.2 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.096 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098823.D

Acq: 7 Mar 2019 16:49

Instrument :

BNA_E

ClientSampleId :

M2-T5-UV(POST)

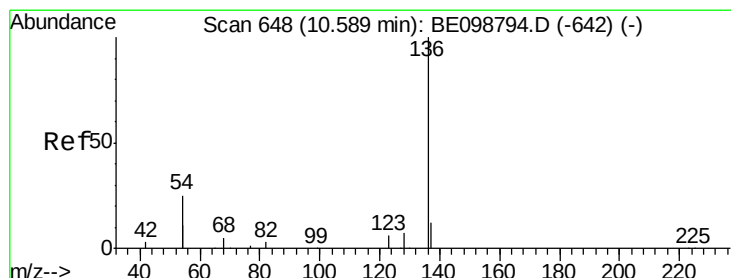
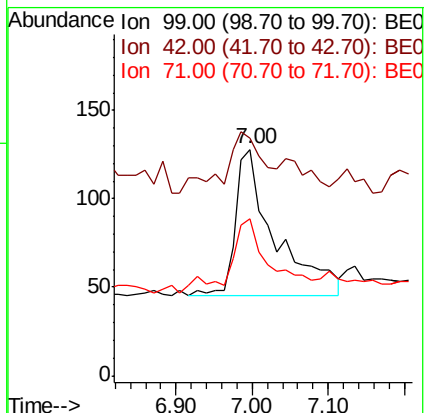
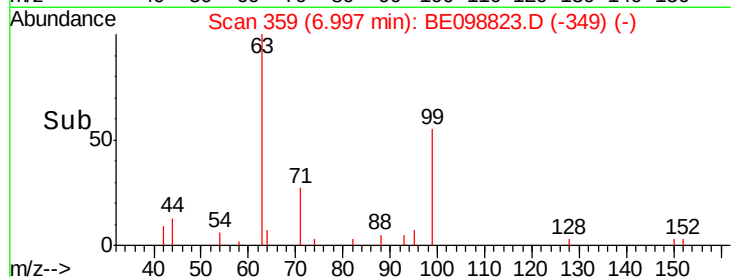
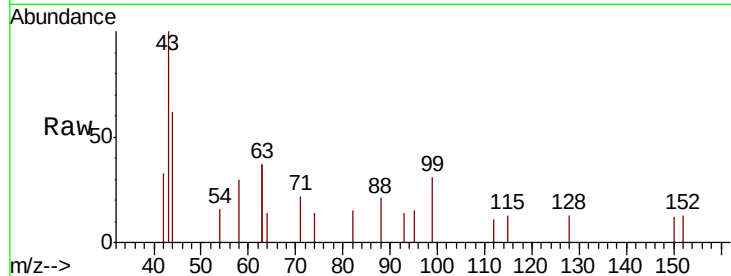
Tgt Ion: 99 Resp: 303

Ion Ratio Lower Upper

99 100

42 25.7 24.2 36.2

71 37.3 35.7 53.5



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098823.D

Acq: 7 Mar 2019 16:49

Tgt Ion: 136 Resp: 2913

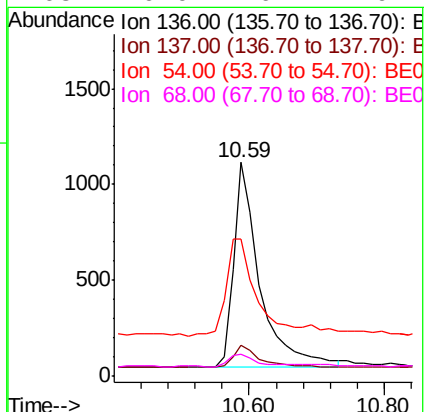
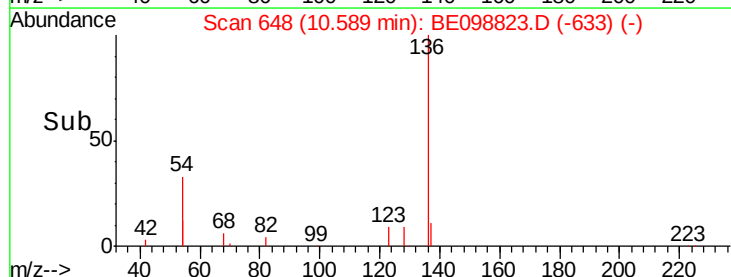
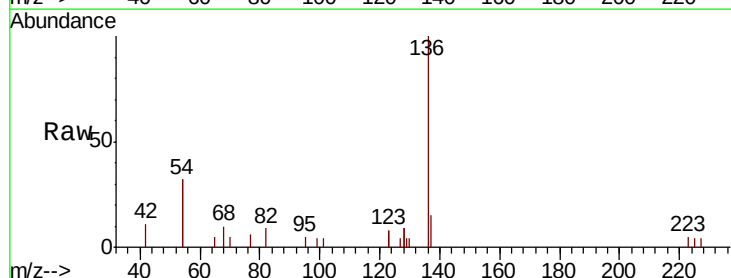
Ion Ratio Lower Upper

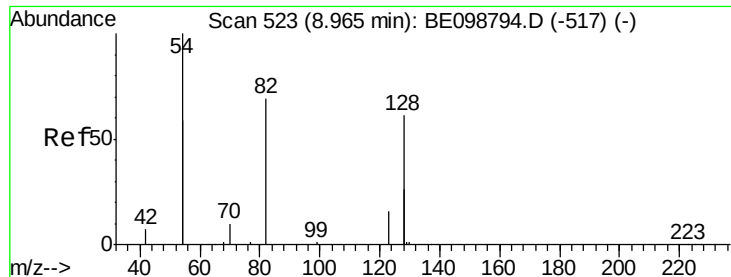
136 100

137 14.6 11.4 17.0

54 64.0 39.3 58.9#

68 10.0 6.7 10.1





#8

Nitrobenzene-d5

Concen: 0.388 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098823.D

Acq: 7 Mar 2019 16:49

Instrument :

BNA_E

ClientSampleId :

M2-T5-UV(POST)

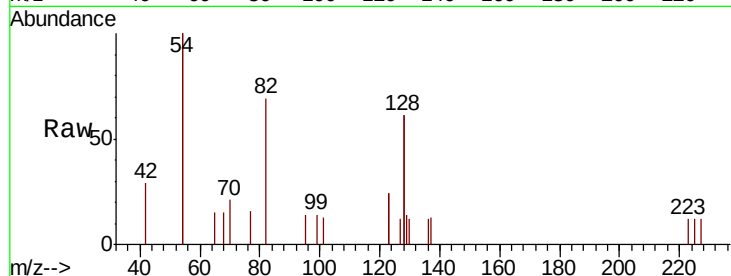
Tgt Ion: 82 Resp: 1185

Ion Ratio Lower Upper

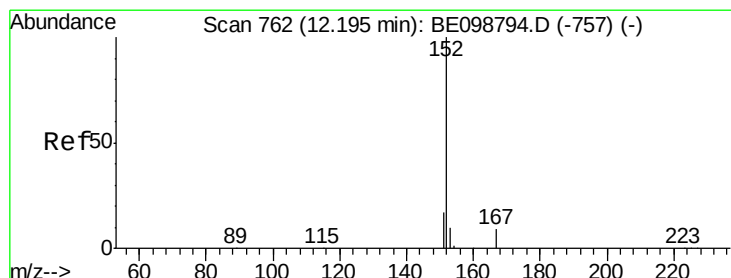
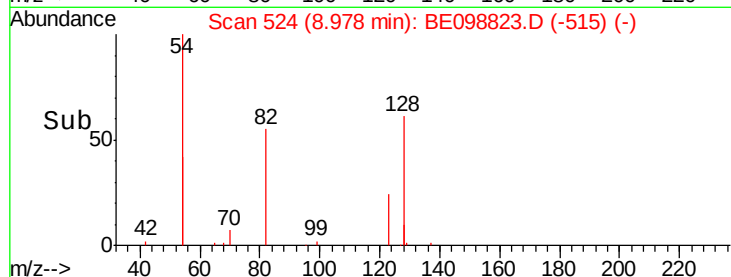
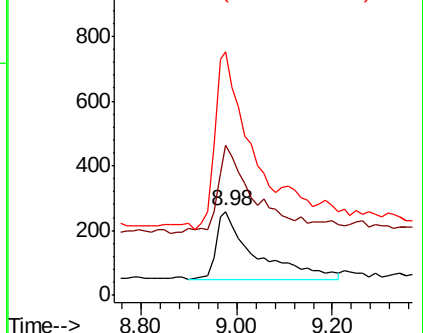
82 100

128 178.4 123.8 185.8

54 290.3 203.4 305.2



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: 0.411 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098823.D

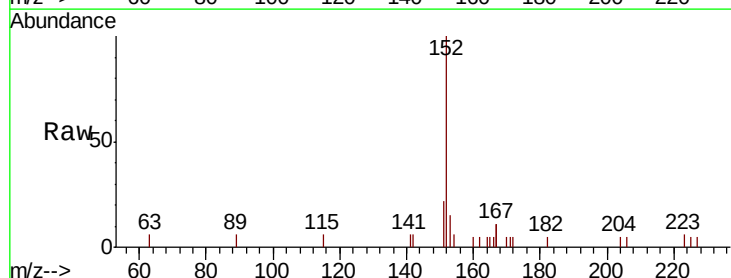
Acq: 7 Mar 2019 16:49

Tgt Ion: 152 Resp: 2215

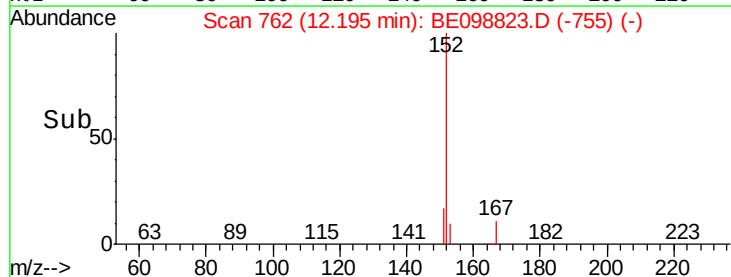
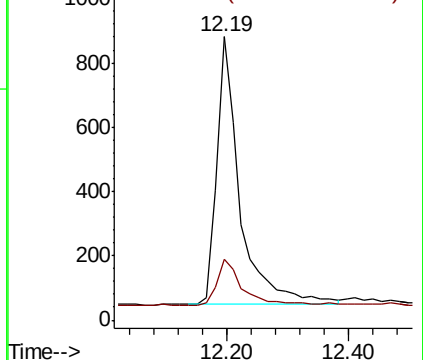
Ion Ratio Lower Upper

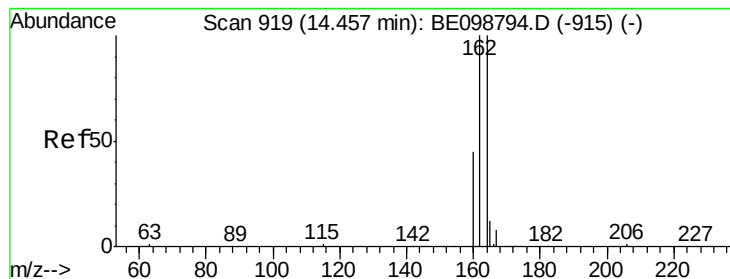
152 100

151 19.0 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: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098823.D

Acq: 7 Mar 2019 16:49

Instrument :

BNA_E

ClientSampleId :

M2-T5-UV(POST)

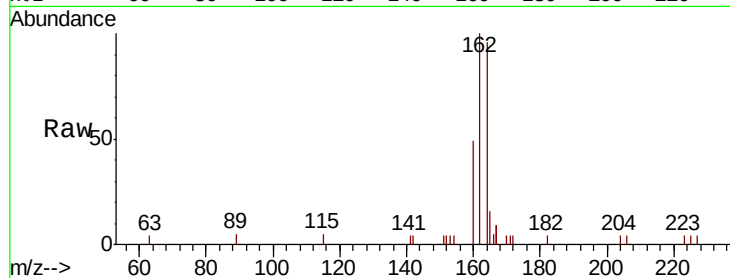
Tgt Ion:164 Resp: 2004

Ion Ratio Lower Upper

164 100

162 103.7 80.2 120.2

160 51.1 37.8 56.8

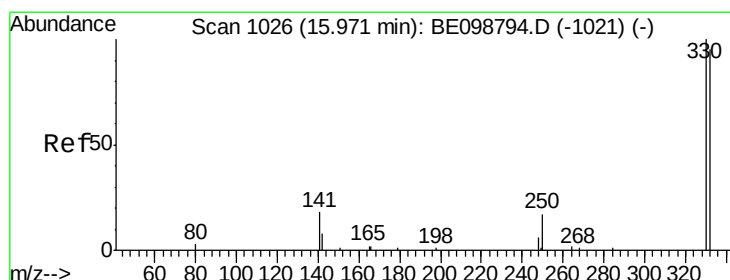
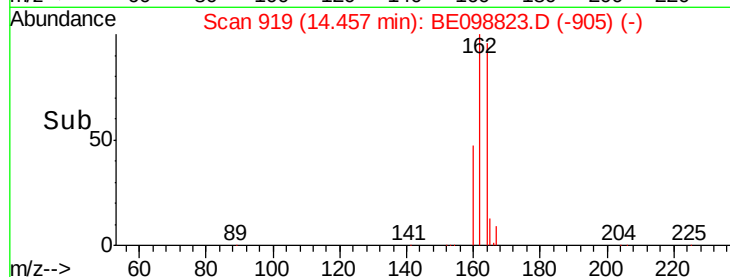
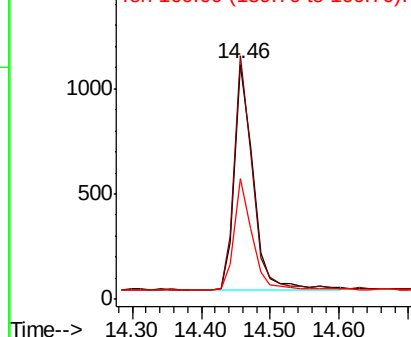


Abundance

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: 0.364 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098823.D

Acq: 7 Mar 2019 16:49

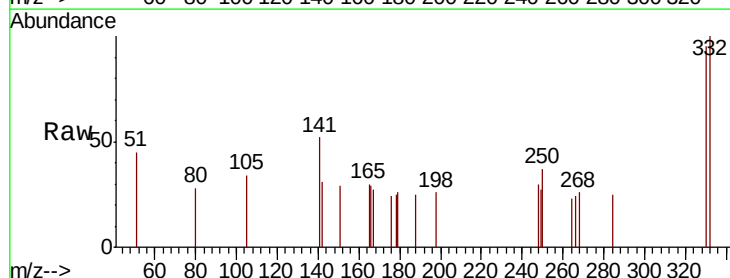
Tgt Ion:330 Resp: 368

Ion Ratio Lower Upper

330 100

332 100.3 77.6 116.4

141 52.7 31.0 46.4#

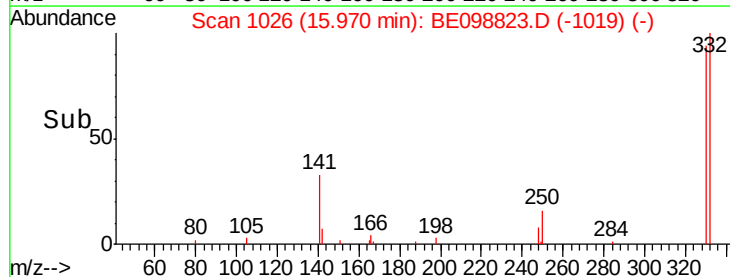
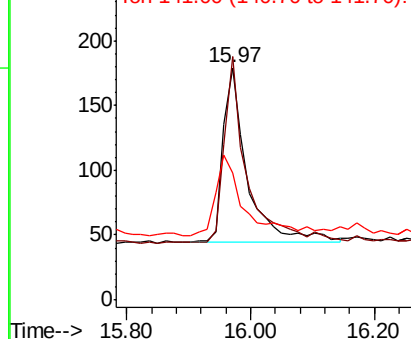


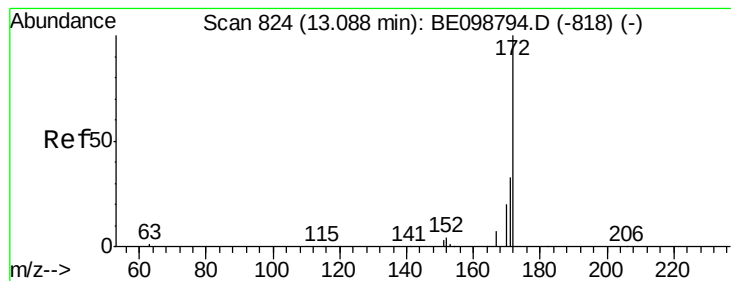
Abundance

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

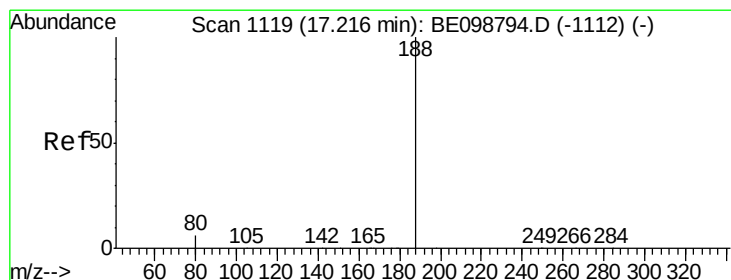
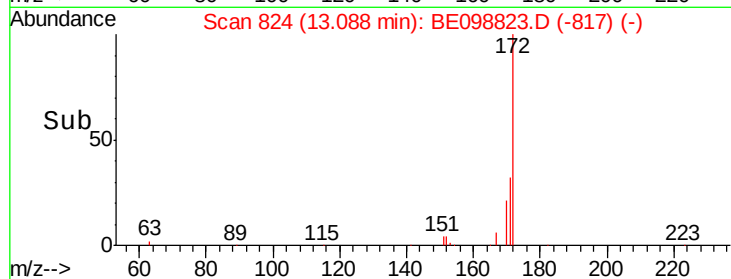
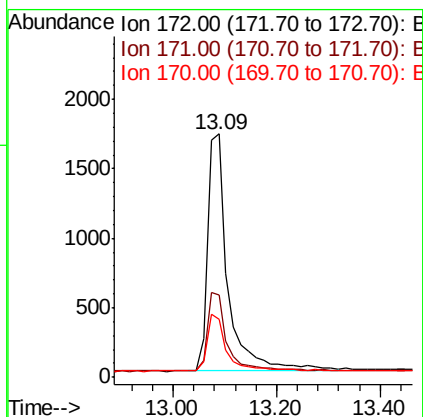
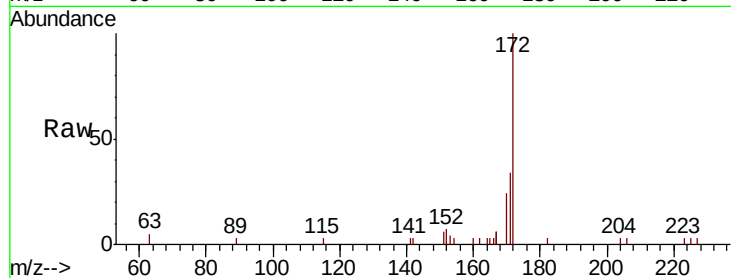




#15
 2-Fluorobiphenyl
 Concen: 0.569 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098823.D
 Acq: 7 Mar 2019 16:49

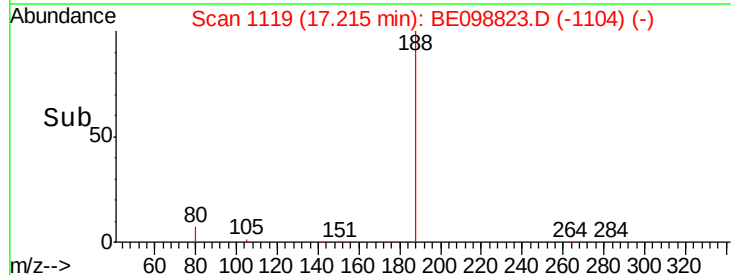
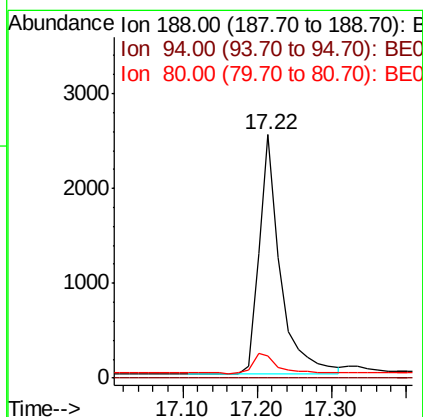
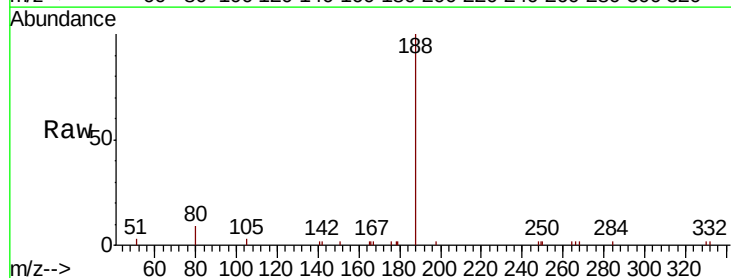
Instrument :
 BNA_E
 ClientSampleId :
 M2-T5-UV(POST)

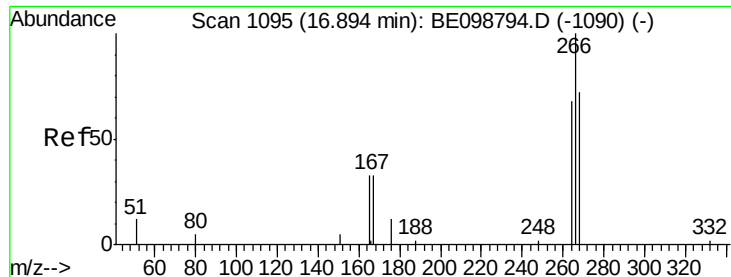
Tgt Ion:172 Resp: 4721
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.0 42.0
 170 23.6 17.7 26.5



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.22 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BE098823.D
 Acq: 7 Mar 2019 16:49

Tgt Ion:188 Resp: 4999
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.3 6.3 9.5





#22

Pentachlorophenol

Concen: 0.270 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098823.D

Acq: 7 Mar 2019 16:49

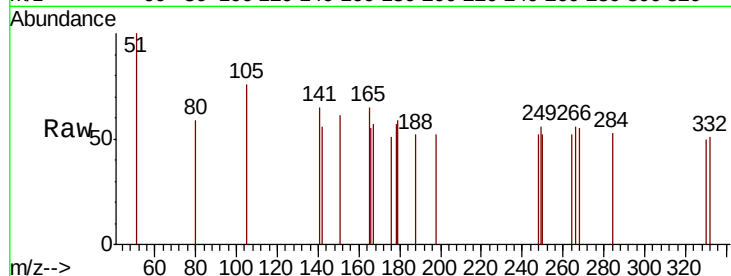
Instrument :

BNA_E

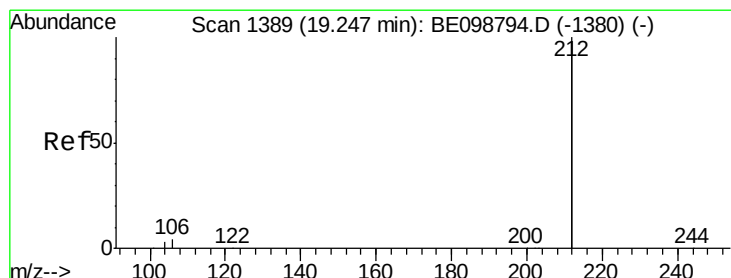
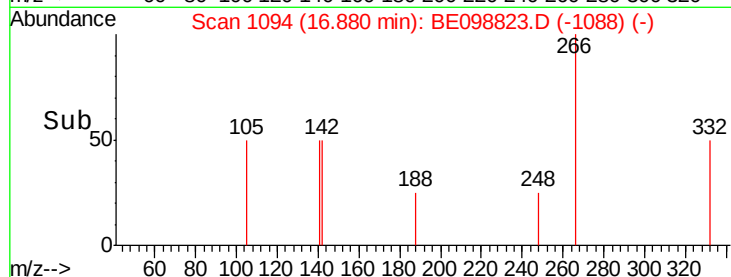
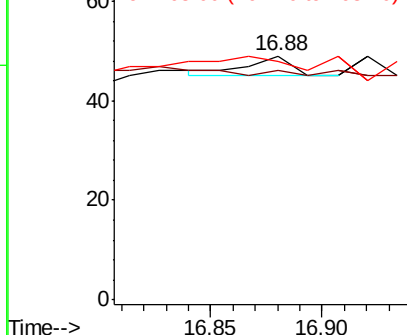
ClientSampleId :

M2-T5-UV(POST)

Tgt Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	93.9	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: 0.414 ng

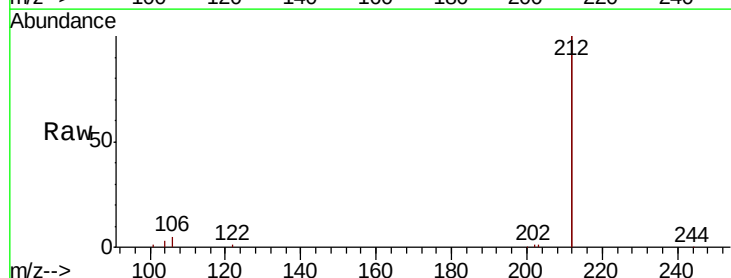
RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

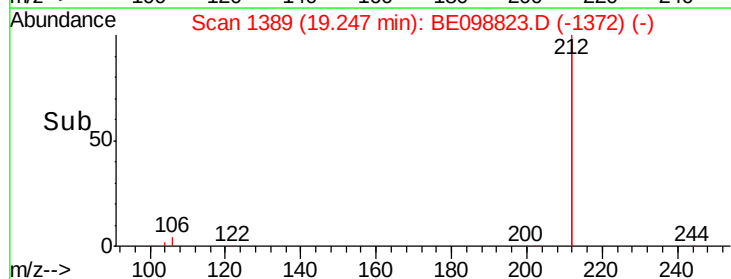
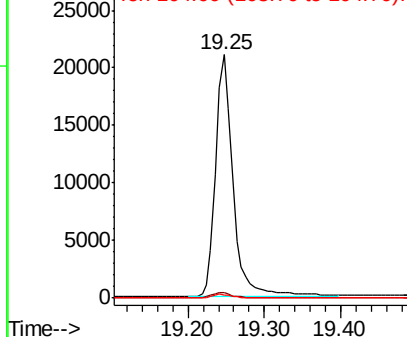
Lab File: BE098823.D

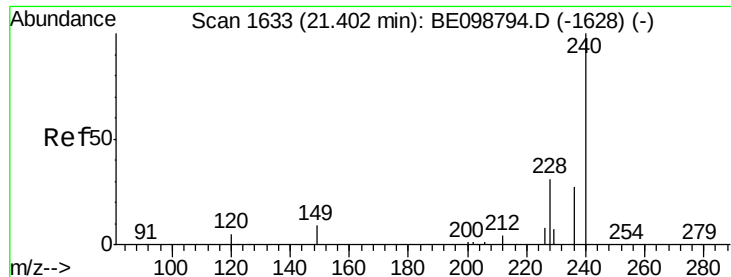
Acq: 7 Mar 2019 16:49

Tgt Ion:	212	Resp:	33031
Ion	Ratio	Lower	Upper
212	100		
106	2.2	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

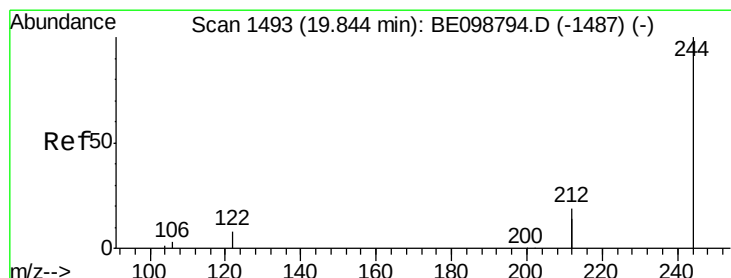
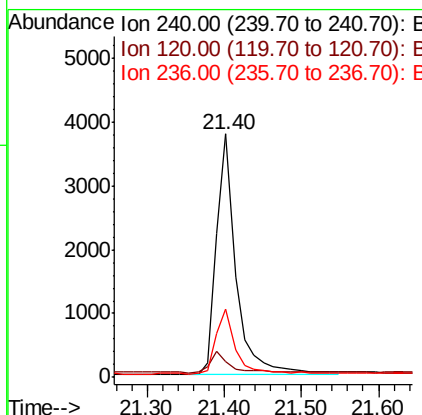
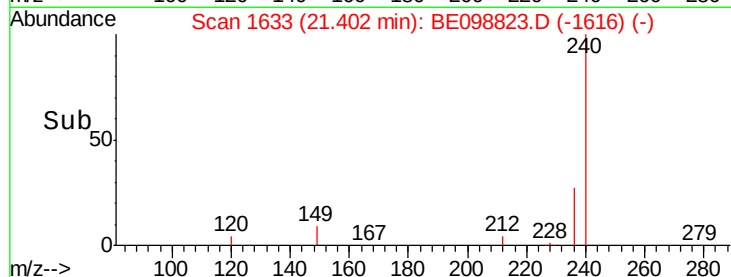
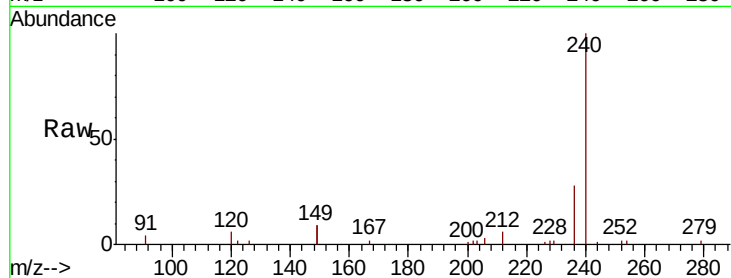




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BE098823.D
 Acq: 7 Mar 2019 16:49

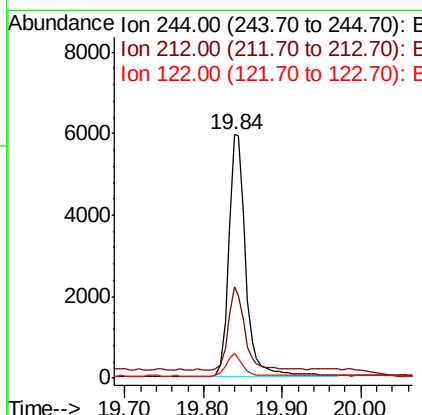
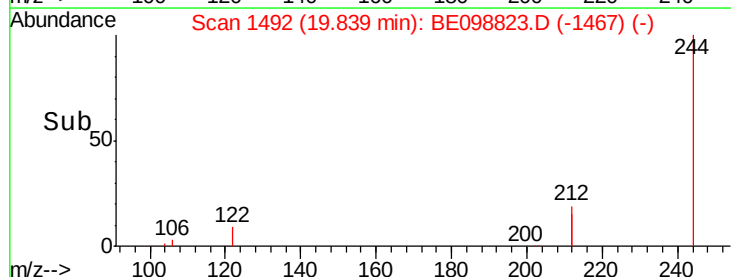
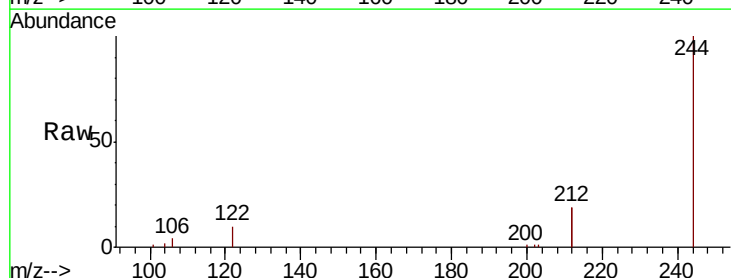
Instrument :
 BNA_E
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 M2-T5-UV(POST)

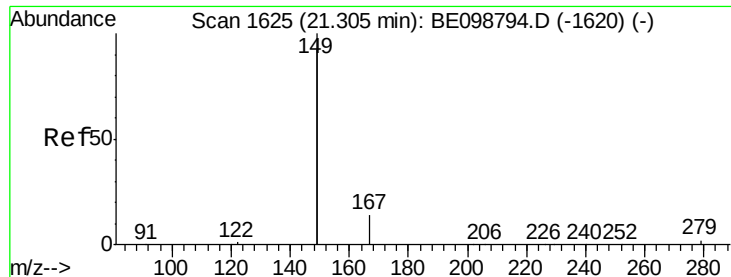
Tgt Ion:240 Resp: 6651
 Ion Ratio Lower Upper
 240 100
 120 6.2 5.0 7.4
 236 28.2 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.550 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE098823.D
 Acq: 7 Mar 2019 16:49

Tgt Ion:244 Resp: 8891
 Ion Ratio Lower Upper
 244 100
 212 37.7 29.4 44.2
 122 10.1 7.1 10.7

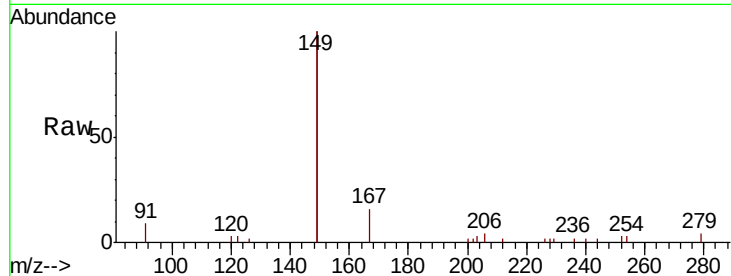




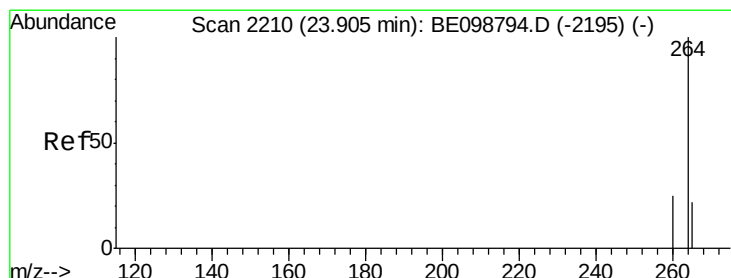
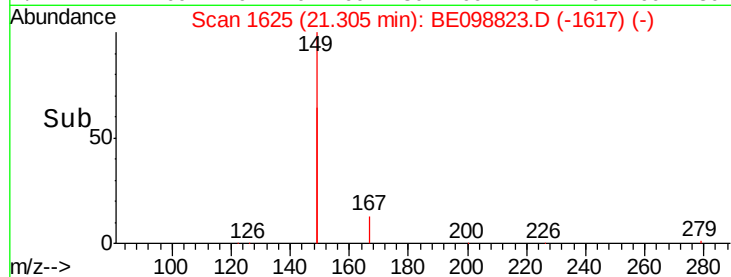
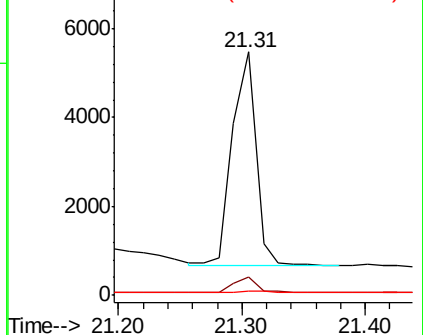
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.146 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE098823.D
 Acq: 7 Mar 2019 16:49

Instrument :
 BNA_E
 ClientSampleId :
 M2-T5-UV(POST)

Tgt Ion:149 Resp: 6436
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.4 8.0
 279 1.1 1.0 1.4

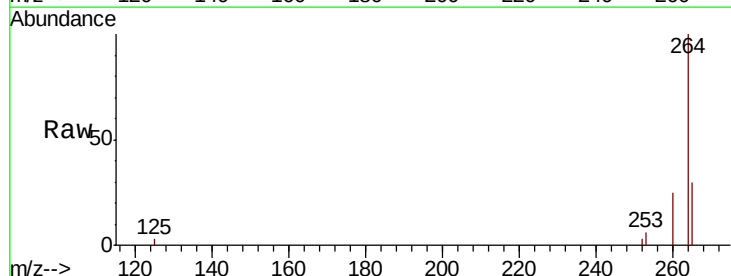


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE098823.D
 Acq: 7 Mar 2019 16:49

Tgt Ion:264 Resp: 6566
 Ion Ratio Lower Upper
 264 100
 260 24.6 21.2 31.8
 265 29.6 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

