

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060319\
 Data File : BE099789.D
 Acq On : 3 Jun 2019 16:51
 Operator : JU/SJ
 Sample : K3088-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 W-4

Quant Time: Jun 04 03:53:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

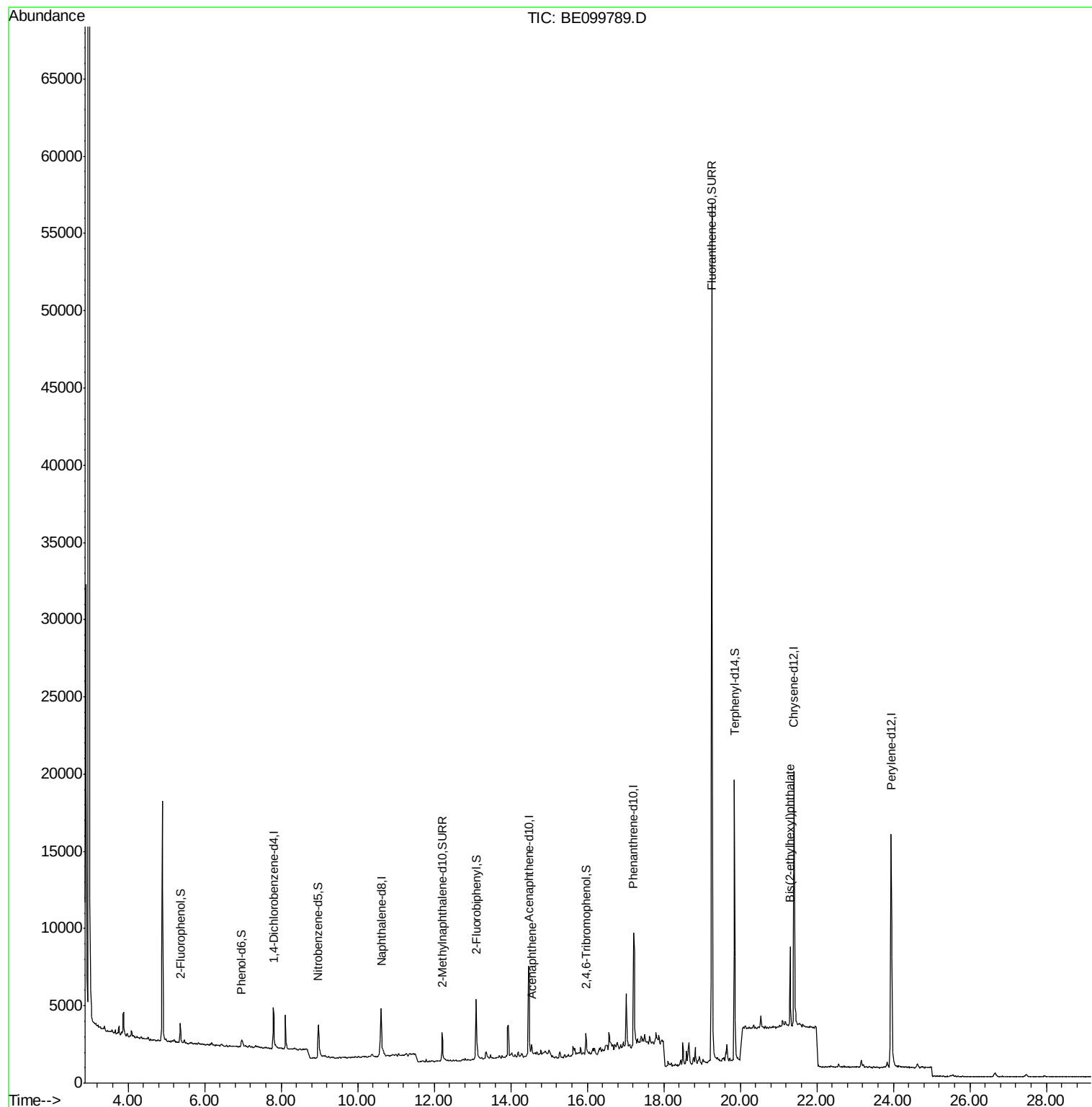
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1569	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	5128	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3799	0.40	ng	-0.02
19) Phenanthrene-d10	17.21	188	12397	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	21002	0.40	ng	-0.01
34) Perylene-d12	23.94	264	24318	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	826	0.21	ng	0.00
5) Phenol-d6	6.97	99	708	0.13	ng	0.00
8) Nitrobenzene-d5	8.96	82	1443	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3319	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	1081	0.50	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	5110	0.35	ng	0.00
25) Fluoranthene-d10	19.25	212	76678	0.45	ng	-0.01
29) Terphenyl-d14	19.85	244	17860	0.48	ng	-0.02
Target Compounds						
17) Acenaphthene	14.54	154	290	0.029	ng	Qvalue 93
32) Bis(2-ethylhexyl)phthalate	21.31	149	5423	0.079	ng	# 96

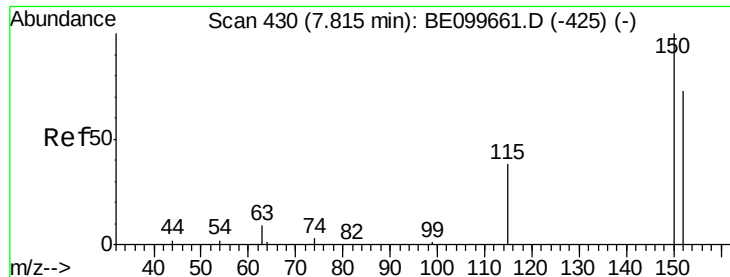
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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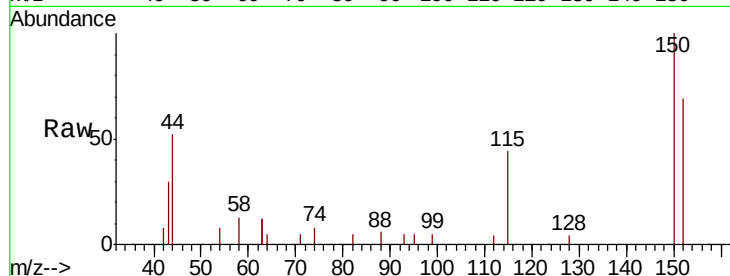


#1

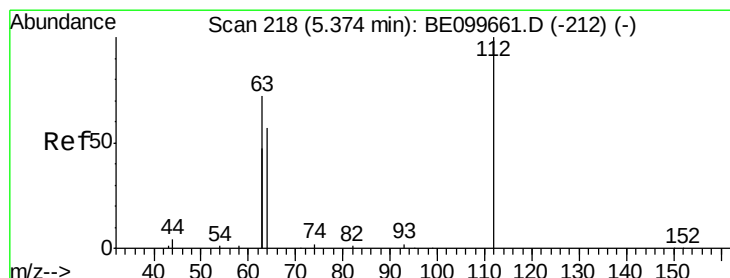
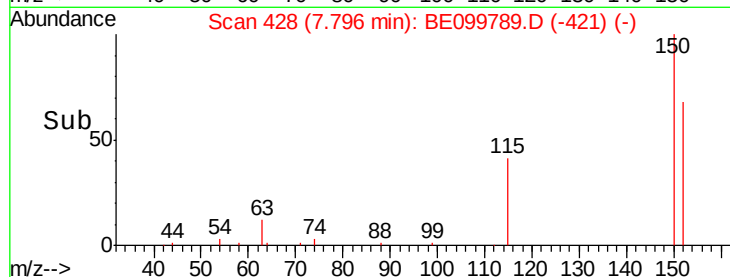
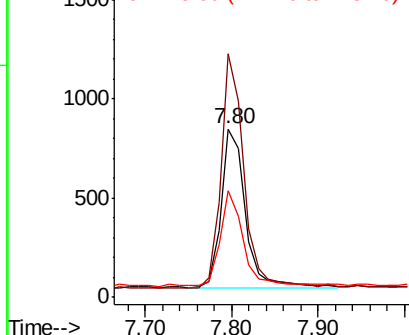
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.02 min
Lab File: BE099789.D
Acq: 3 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
W-4

Tot Ion:152 Resp: 1569
Ion Ratio Lower Upper
152 100
150 144.7 109.2 163.8
115 63.2 43.7 65.5



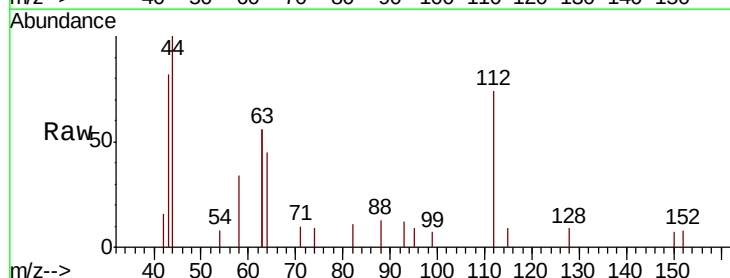
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



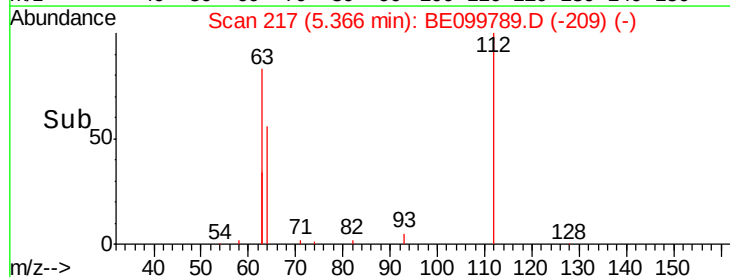
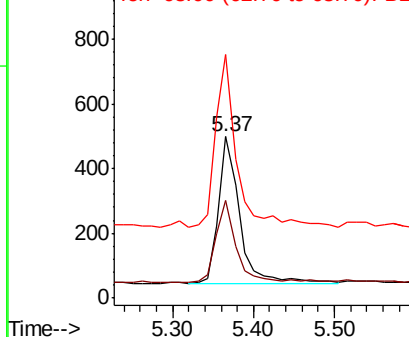
#4

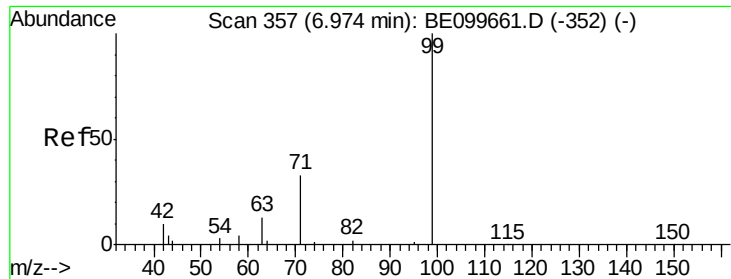
2-Fluorophenol
Concen: 0.208 ng
RT: 5.37 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE099789.D
Acq: 3 Jun 2019 16:51

Tgt Ion:112 Resp: 826
Ion Ratio Lower Upper
112 100
64 52.4 43.4 65.2
63 120.0 96.9 145.3



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: 0.135 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

W-4

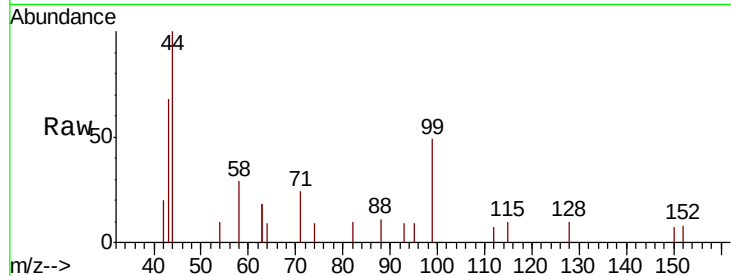
Tot Ion: 99 Resp: 708

Ion Ratio Lower Upper

99 100

42 19.9 12.2 18.2#

71 40.8 28.9 43.3



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

6.97

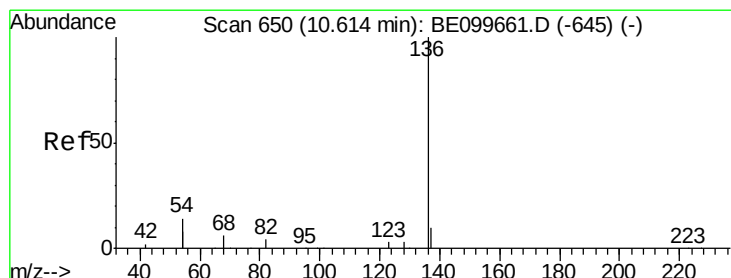
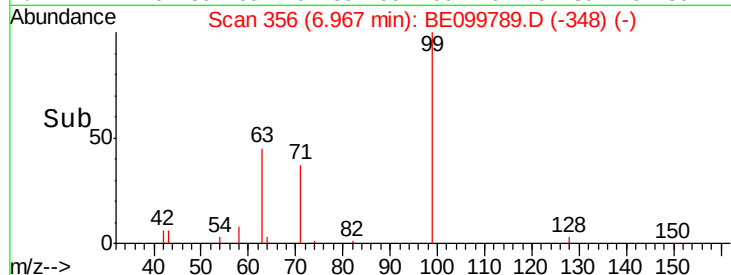
300

200

100

0

Time--> 6.80 6.90 7.00 7.10



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

Tgt Ion: 136 Resp: 5128

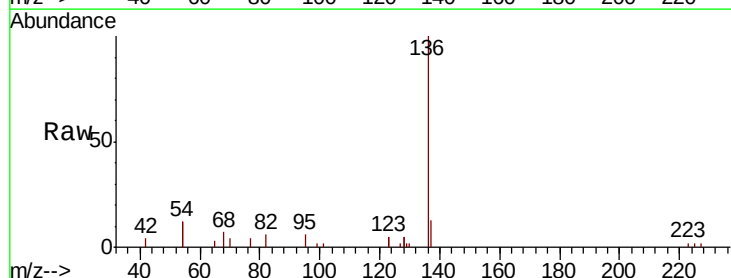
Ion Ratio Lower Upper

136 100

137 12.9 9.0 13.6

54 24.6 22.3 33.5

68 7.3 6.0 9.0



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

10.61

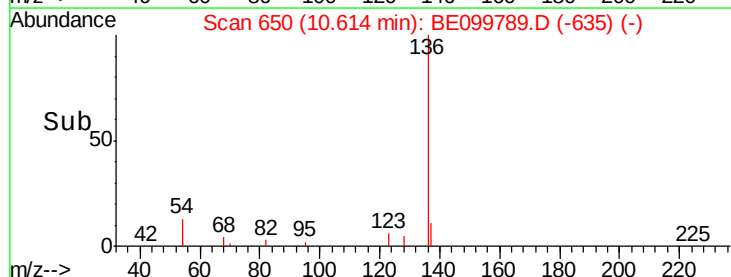
3000

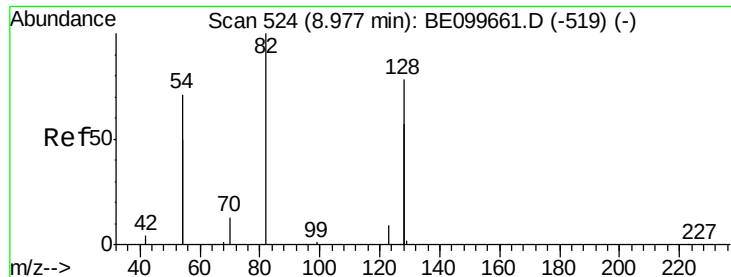
2000

1000

0

Time--> 10.50 10.60 10.70





#8

Nitrobenzene-d5

Concen: 0.325 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

Instrument :

BNA_E

ClientSampled :

W-4

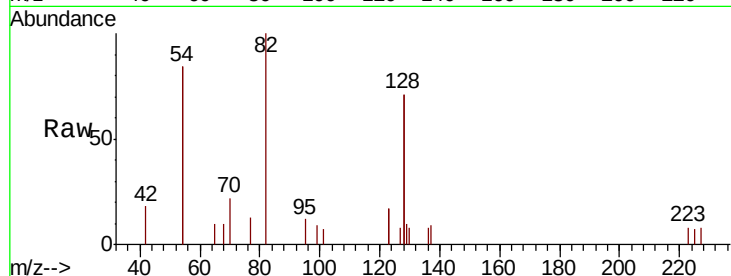
Tot Ion: 82 Resp: 1443

Ion Ratio Lower Upper

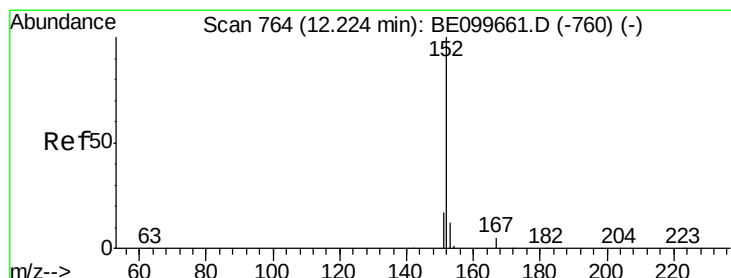
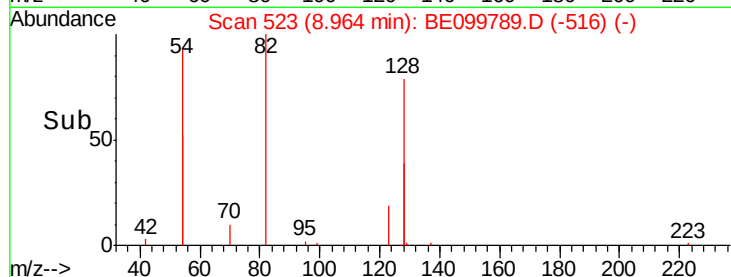
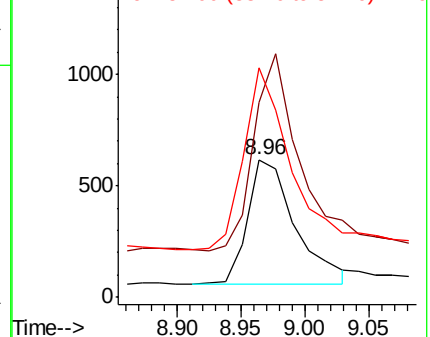
82 100

128 141.3 117.7 176.5

54 167.3 106.6 160.0#



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: 0.375 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE099789.D

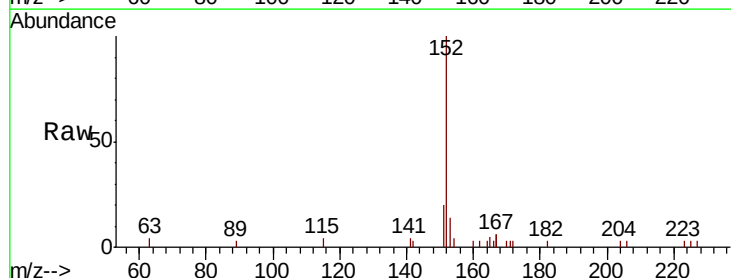
Acq: 3 Jun 2019 16:51

Tgt Ion: 152 Resp: 3319

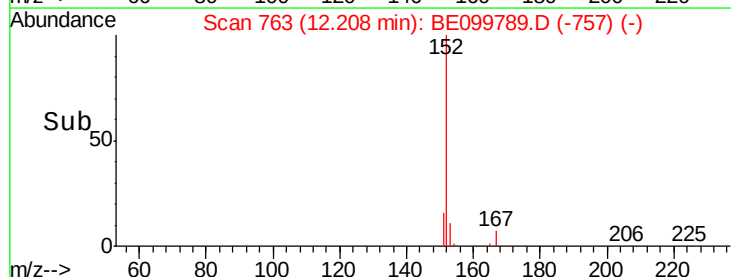
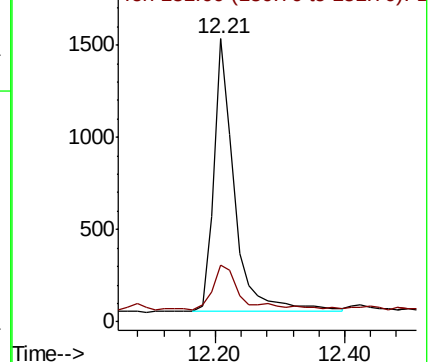
Ion Ratio Lower Upper

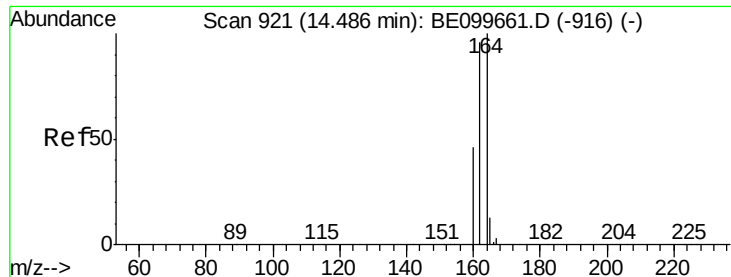
152 100

151 20.9 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

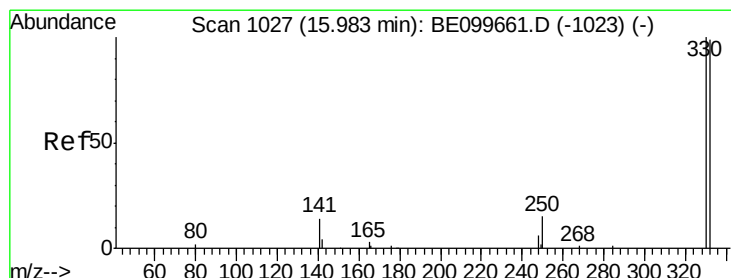
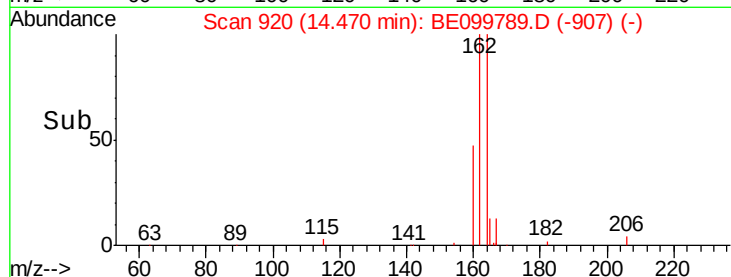
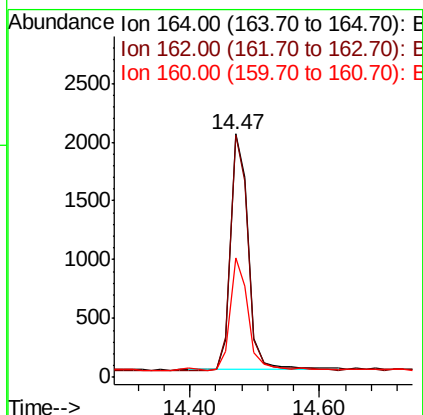
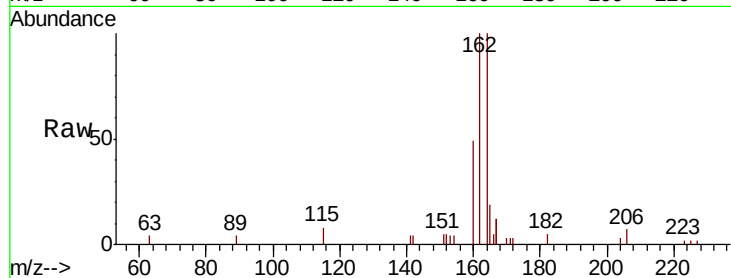




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BE099789.D
 Acq: 3 Jun 2019 16:51

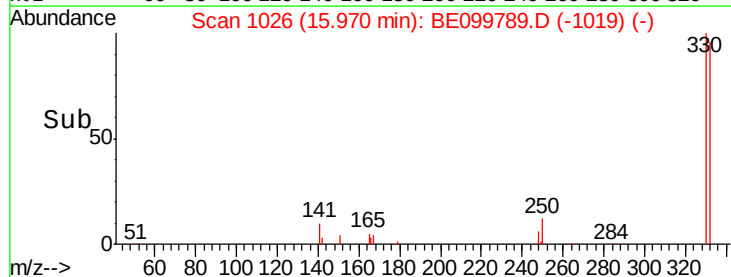
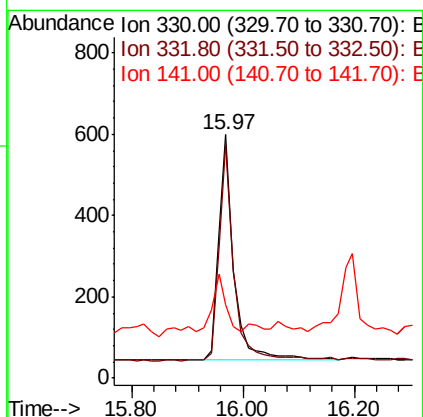
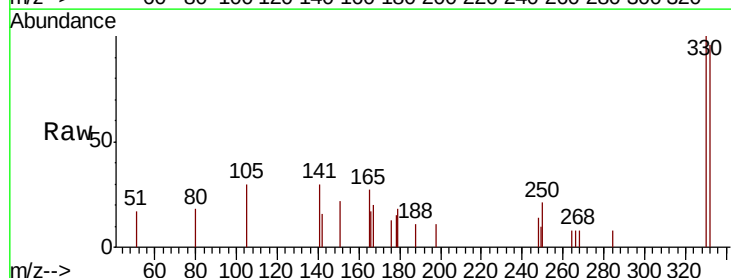
Instrument :
 BNA_E
 ClientSampleId :
 W-4

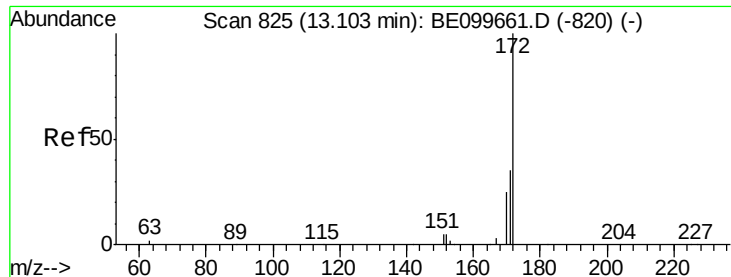
Tot Ion:164 Resp: 3799
 Ion Ratio Lower Upper
 164 100
 162 99.7 76.5 114.7
 160 49.3 37.4 56.2



#14
 2,4,6-Tribromophenol
 Concen: 0.500 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099789.D
 Acq: 3 Jun 2019 16:51

Tgt Ion:330 Resp: 1081
 Ion Ratio Lower Upper
 330 100
 332 93.4 77.3 115.9
 141 21.7 18.9 28.3

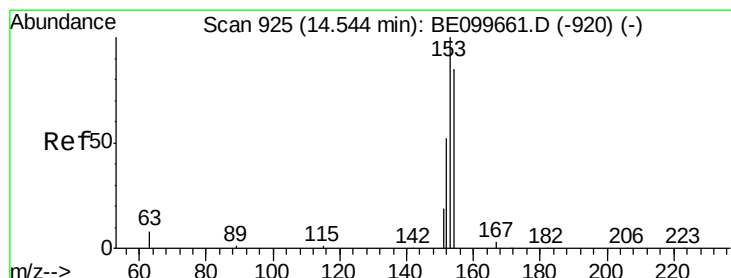
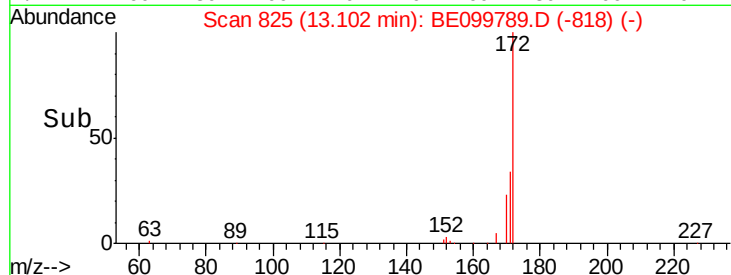
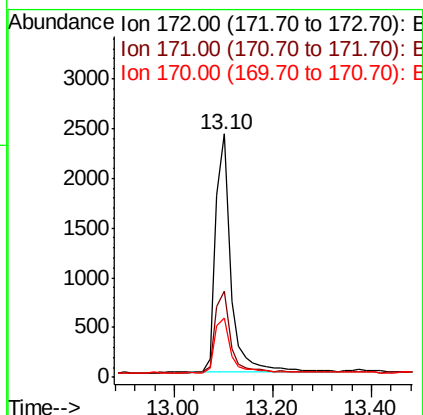
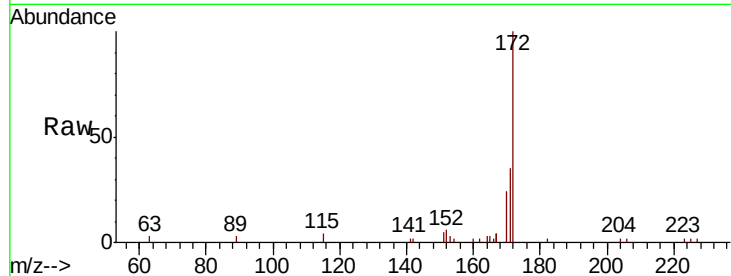




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099789.D
Acq: 3 Jun 2019 16:51

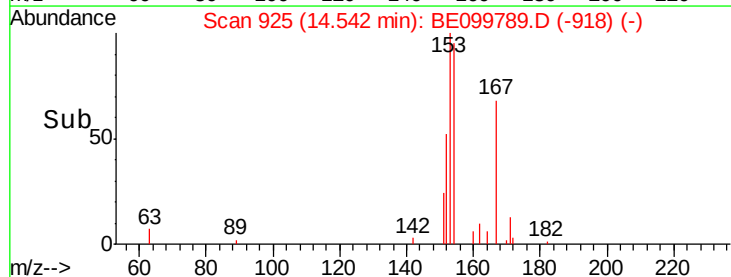
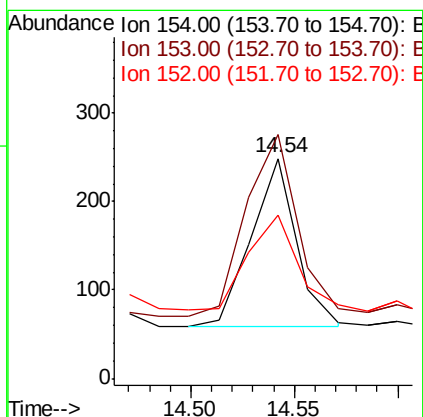
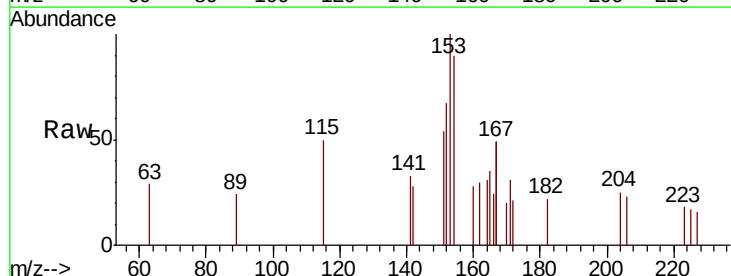
Instrument :
BNA_E
ClientSampleId :
W-4

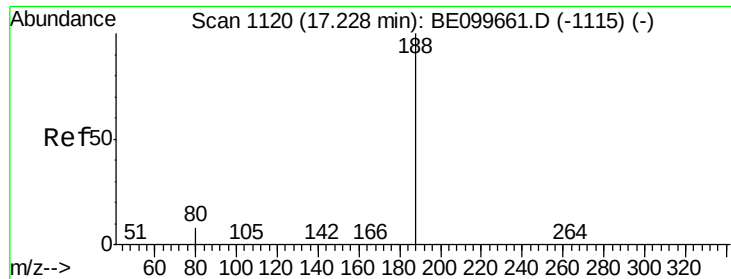
Tot Ion:172 Resp: 5110
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 24.4 20.9 31.3



#17
Acenaphthene
Concen: 0.029 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099789.D
Acq: 3 Jun 2019 16:51

Tgt Ion:154 Resp: 290
Ion Ratio Lower Upper
154 100
153 124.5 91.8 137.6
152 60.0 46.0 69.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

W-4

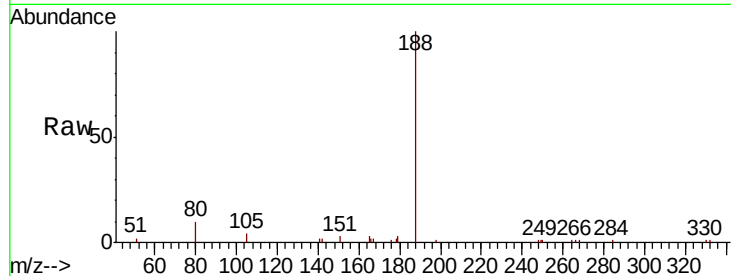
Tot Ion:188 Resp: 12397

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

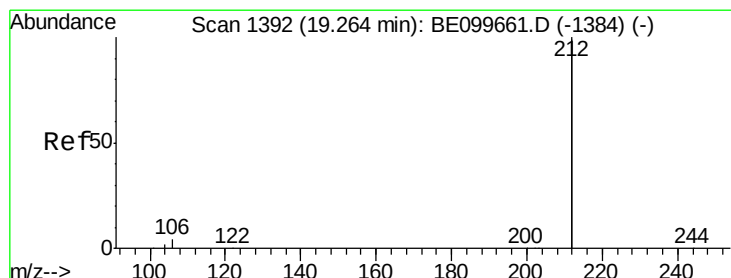
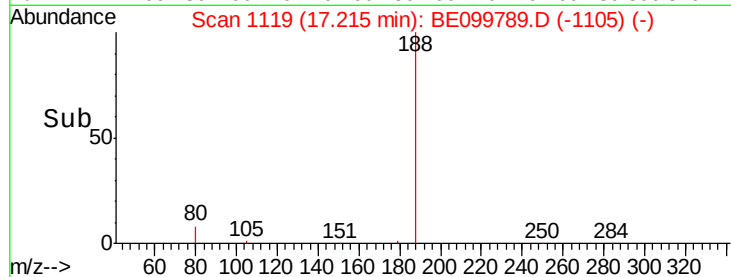
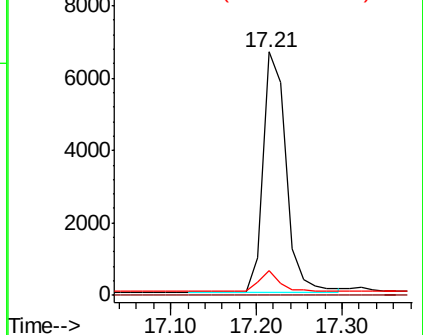
80 10.1 6.7 10.1#



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



#25

Fluoranthene-d10

Concen: 0.453 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

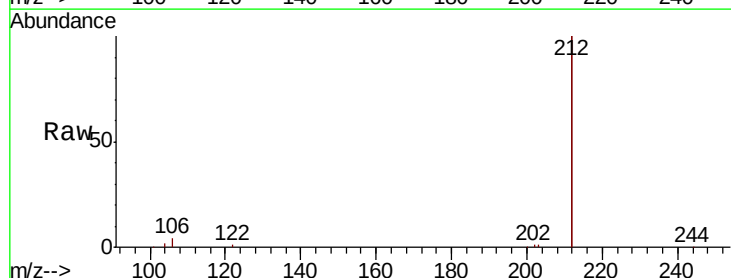
Tgt Ion:212 Resp: 76678

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

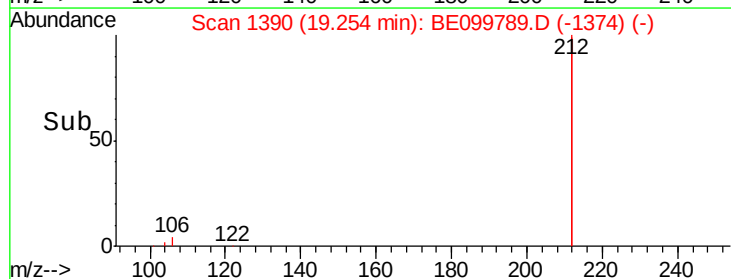
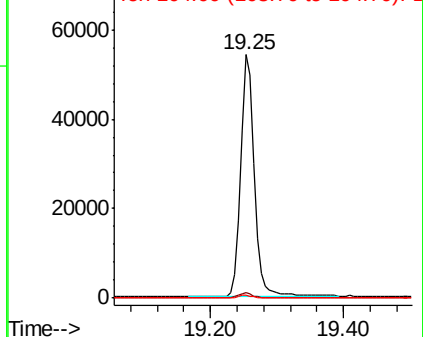
104 1.0 0.8 1.2

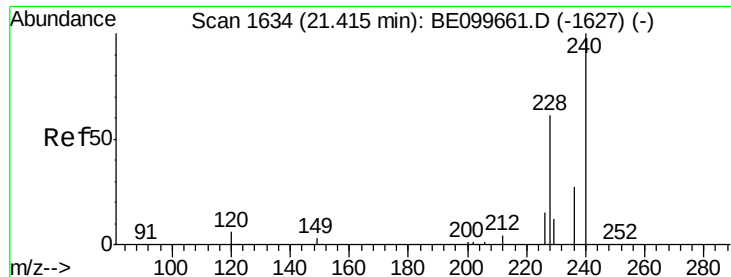


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

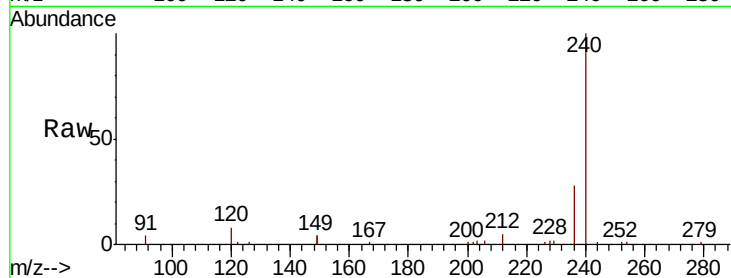




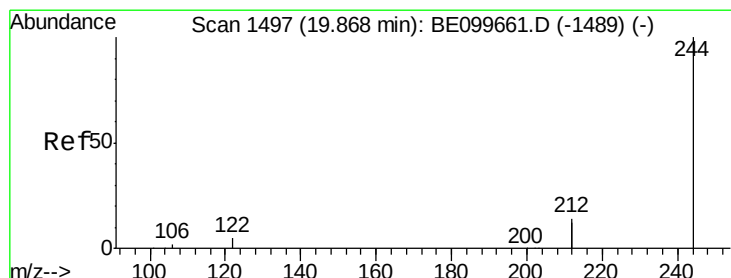
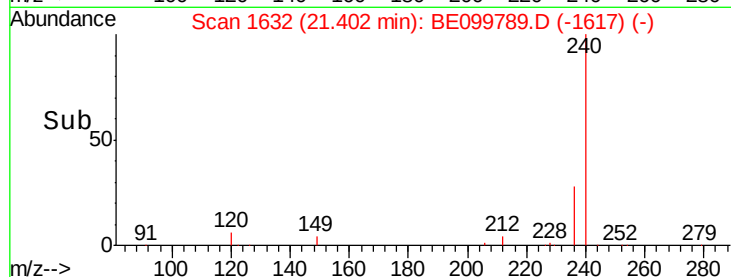
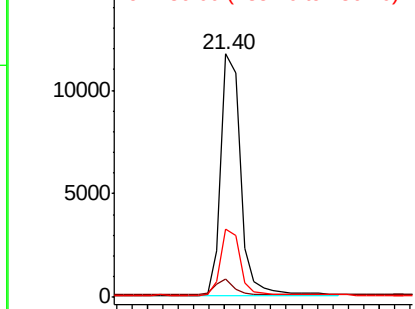
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE099789.D
 Acq: 3 Jun 2019 16:51

Instrument :
 BNA_E
 ClientSampleId :
 W-4

Tot Ion:240 Resp: 21002
 Ion Ratio Lower Upper
 240 100
 120 7.6 5.4 8.0
 236 28.2 21.7 32.5

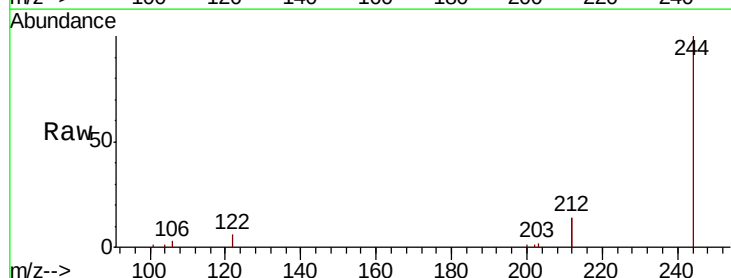


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

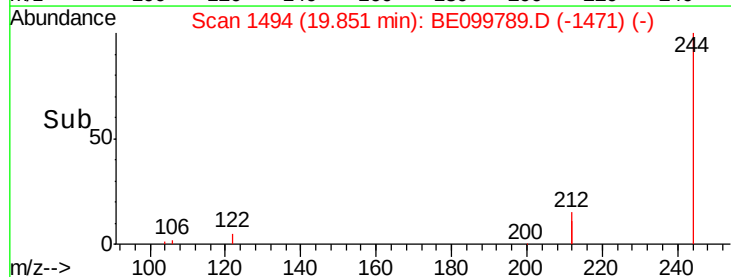
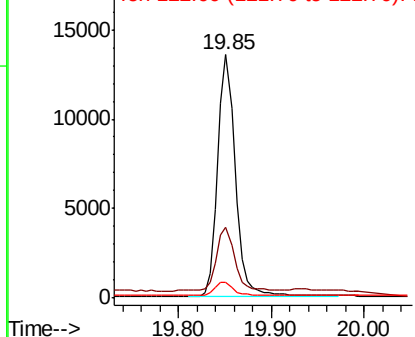


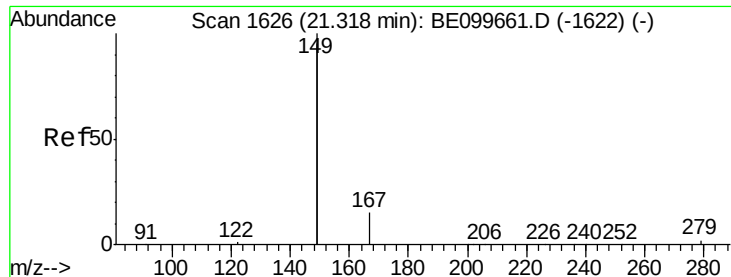
#29
 Terphenyl-d14
 Concen: 0.476 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. -0.02 min
 Lab File: BE099789.D
 Acq: 3 Jun 2019 16:51

Tgt Ion:244 Resp: 17860
 Ion Ratio Lower Upper
 244 100
 212 29.0 22.5 33.7
 122 6.5 4.3 6.5



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

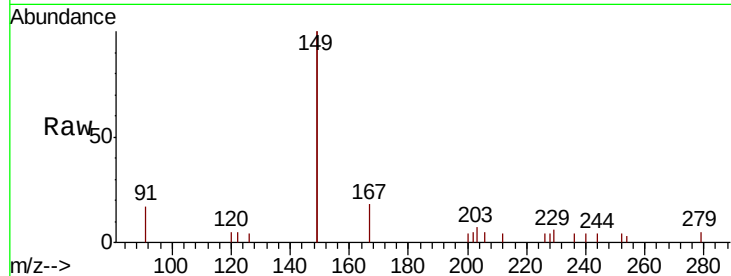




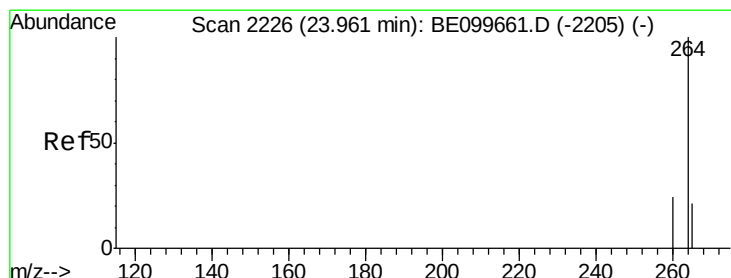
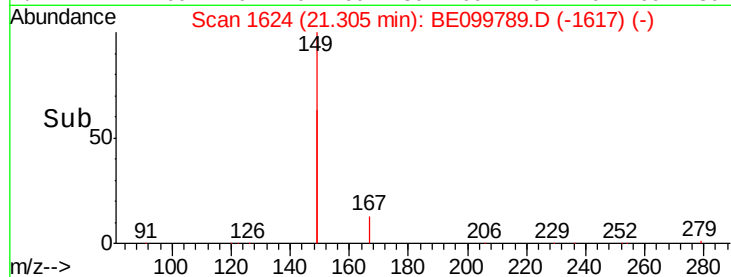
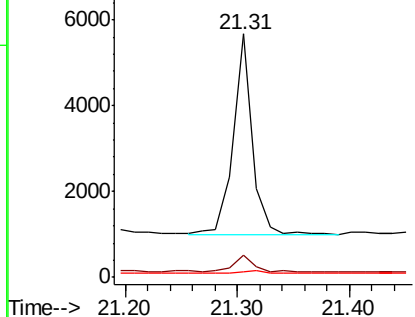
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 21.31 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099789.D
 Acq: 3 Jun 2019 16:51

Instrument :
 BNA_E
 ClientSampleId :
 W-4

Tot Ion:149 Resp: 5423
 Ion Ratio Lower Upper
 149 100
 167 9.4 6.2 9.4#
 279 1.7 1.2 1.8

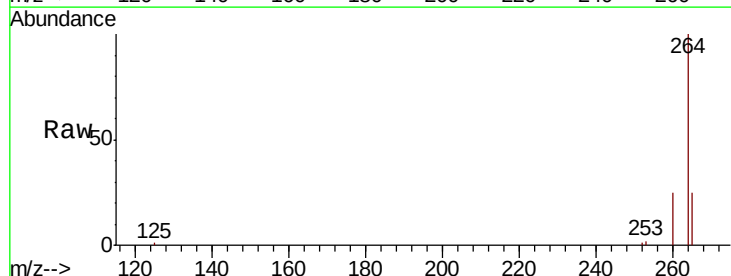


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2220
 Delta R.T. -0.02 min
 Lab File: BE099789.D
 Acq: 3 Jun 2019 16:51

Tgt Ion:264 Resp: 24318
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.6 29.4
 265 25.3 19.1 28.7



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

