

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
 Data File : BE099741.D
 Acq On : 24 May 2019 14:22
 Operator : JU/SJ
 Sample : K3010-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 24 21:33:33 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

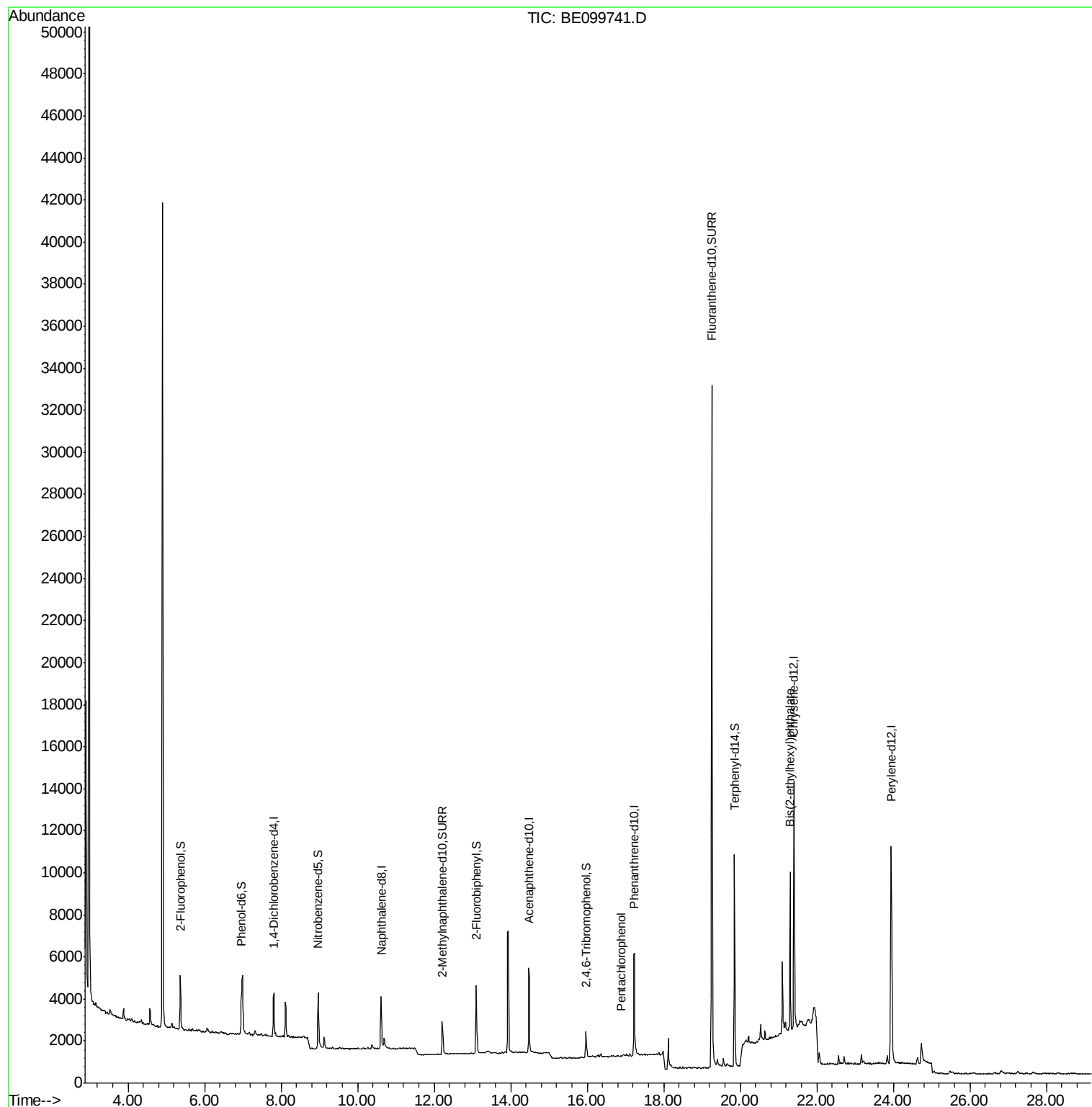
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1182	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	3940	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2981	0.40	ng	-0.02
19) Phenanthrene-d10	17.23	188	9375	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14062	0.40	ng	-0.01
34) Perylene-d12	23.94	264	16815	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1450	0.49	ng	-0.01
5) Phenol-d6	6.96	99	2036	0.51	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1404	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2457	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	892	0.52	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	3786	0.33	ng	0.00
25) Fluoranthene-d10	19.25	212	46834	0.37	ng	-0.01
29) Terphenyl-d14	19.85	244	9837	0.39	ng	-0.02
Target Compounds						
22) Pentachlorophenol	16.88	266	15	0.190	ng	Qvalue # 73
32) Bis(2-ethylhexyl)phthalate	21.31	149	8165	0.177	ng	99

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

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QLast Update : Mon May 20 19:29:40 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099741.D

Acq: 24 May 2019 14:22

Instrument :

BNA_E

ClientSampleId :

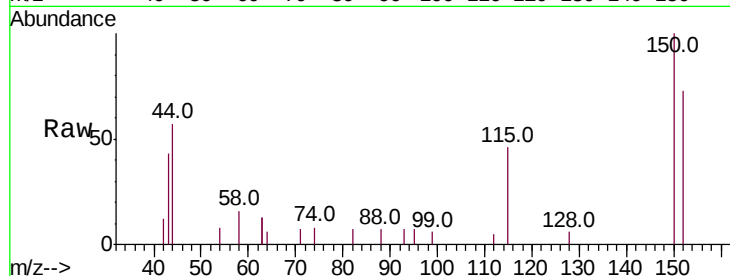
Tot Ion:152 Resp: 1182

Ion Ratio Lower Upper

152 100

150 136.7 109.2 163.8

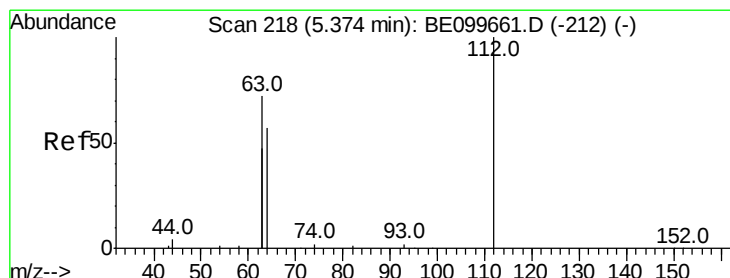
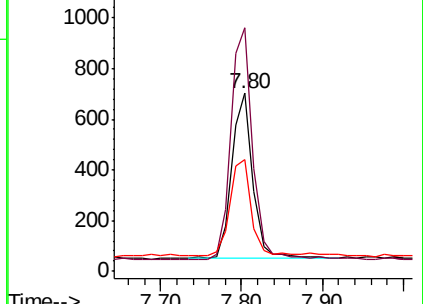
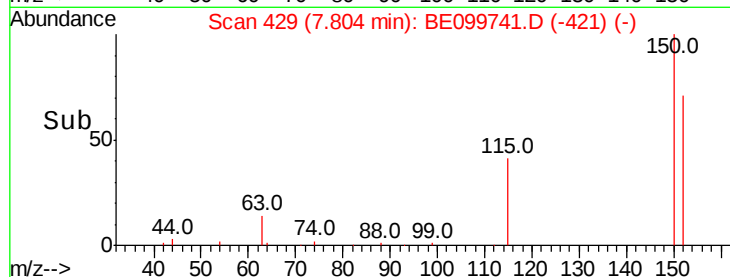
115 62.6 43.7 65.5



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: 0.485 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099741.D

Acq: 24 May 2019 14:22

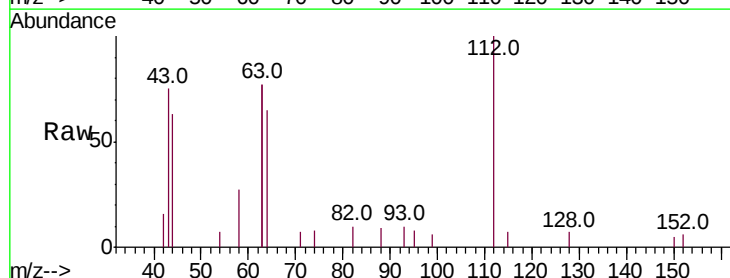
Tgt Ion:112 Resp: 1450

Ion Ratio Lower Upper

112 100

64 56.1 43.4 65.2

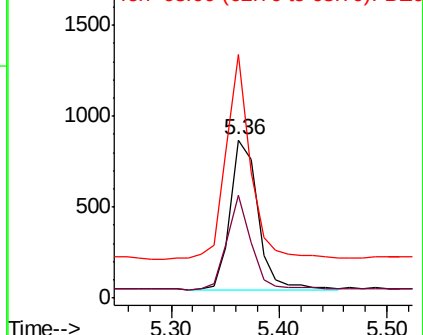
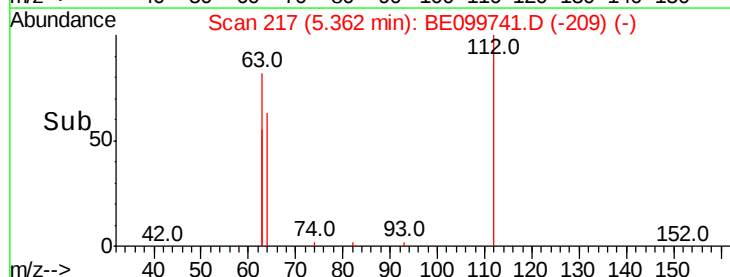
63 123.8 96.9 145.3

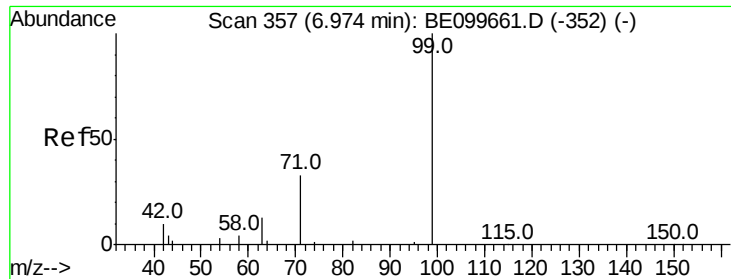


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.515 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099741.D

Acq: 24 May 2019 14:22

Instrument :

BNA_E

ClientSampled :

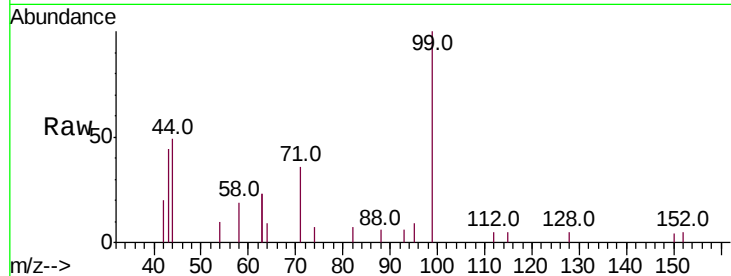
Tot Ion: 99 Resp: 2036

Ion Ratio Lower Upper

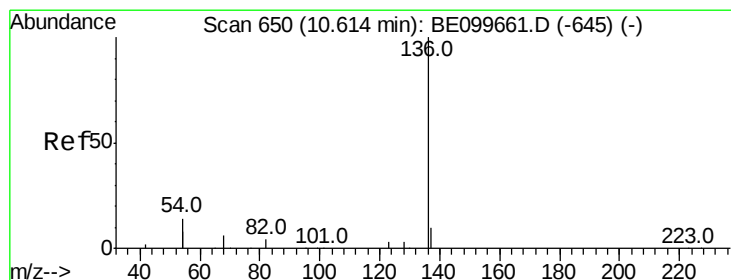
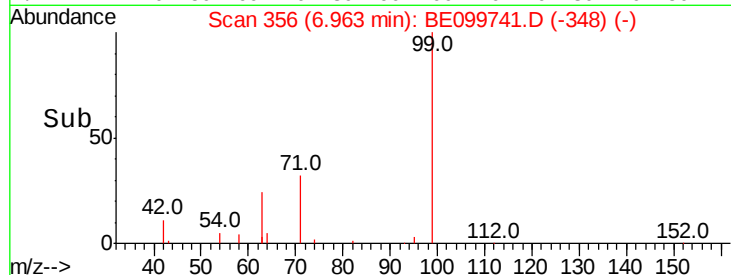
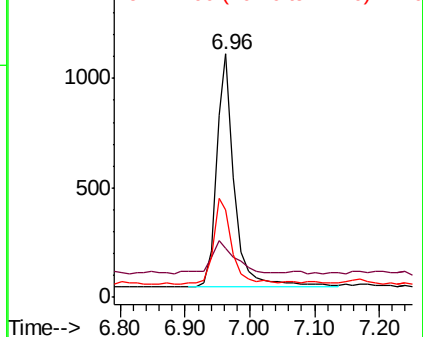
99 100

42 19.0 12.2 18.2#

71 41.5 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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099741.D

Acq: 24 May 2019 14:22

Tgt Ion: 136 Resp: 3940

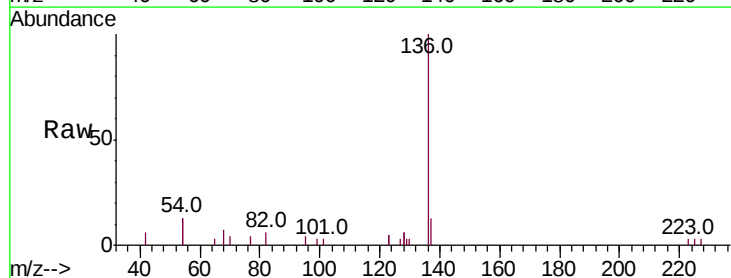
Ion Ratio Lower Upper

136 100

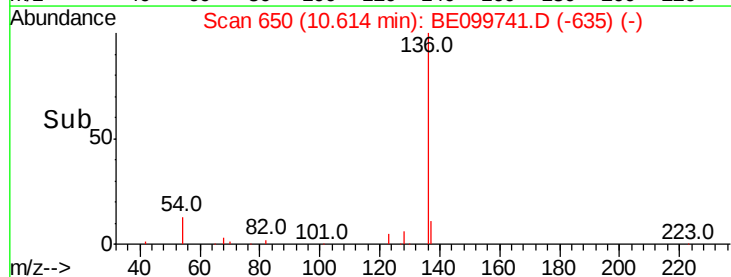
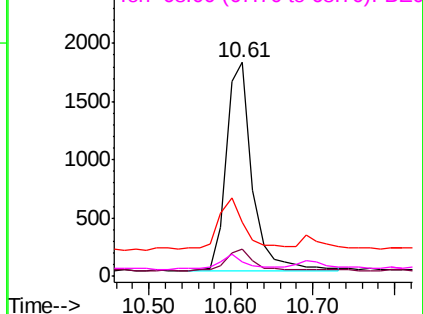
137 12.8 9.0 13.6

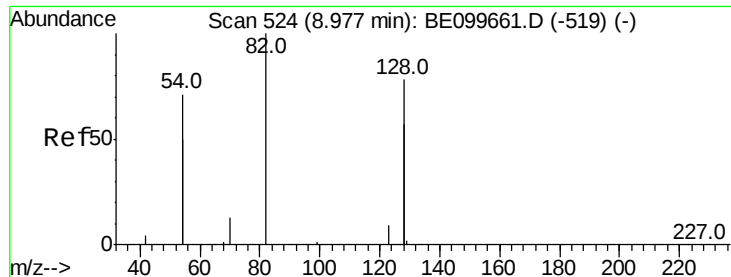
54 25.3 22.3 33.5

68 6.7 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





#8

Nitrobenzene-d5

Concen: 0.412 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099741.D

Acq: 24 May 2019 14:22

Instrument :

BNA_E

ClientSampleId :

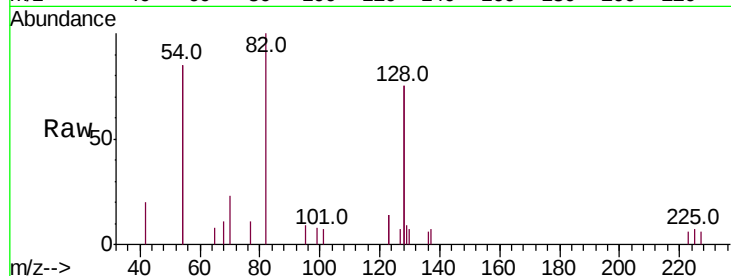
Tot Ion: 82 Resp: 1404

Ion Ratio Lower Upper

82 100

128 149.7 117.7 176.5

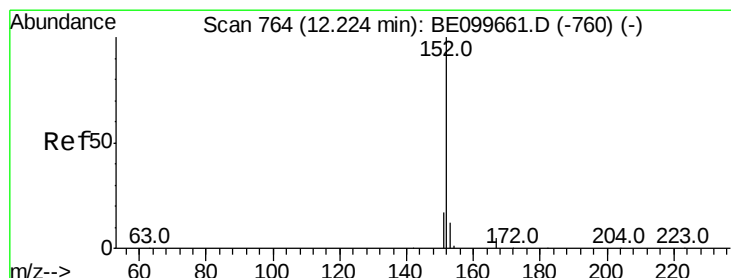
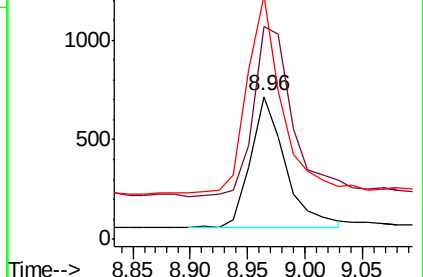
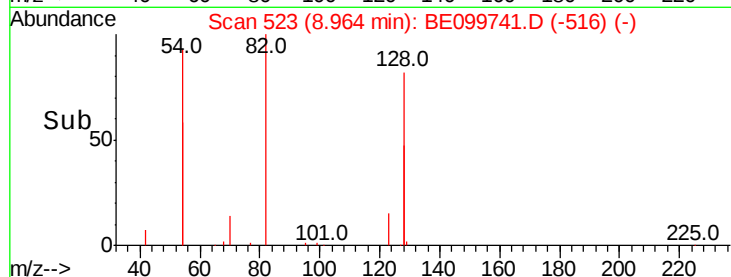
54 170.9 106.6 160.0#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE099741.D

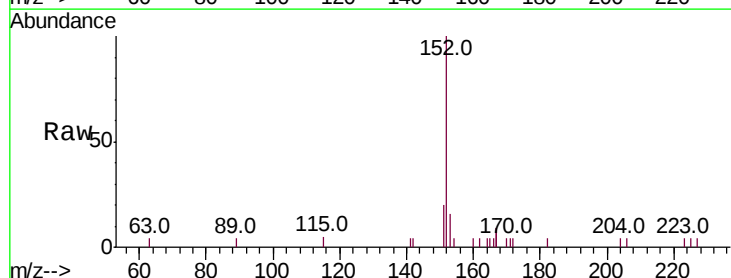
Acq: 24 May 2019 14:22

Tgt Ion: 152 Resp: 2457

Ion Ratio Lower Upper

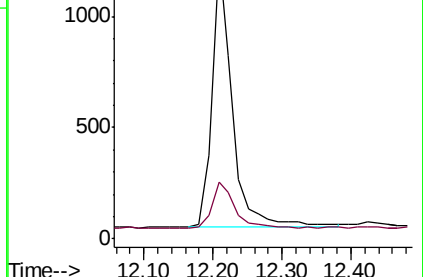
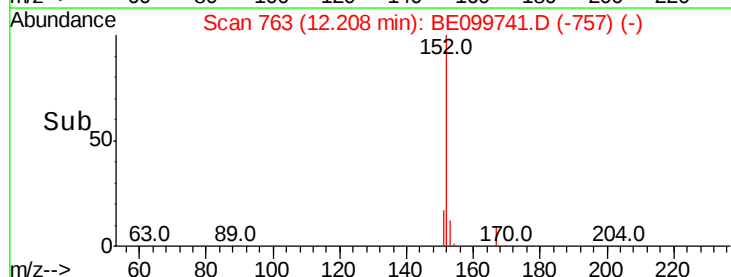
152 100

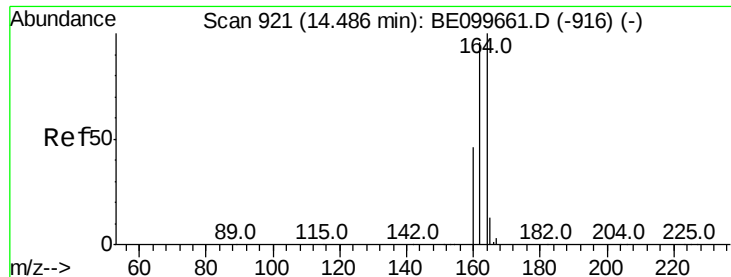
151 19.6 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

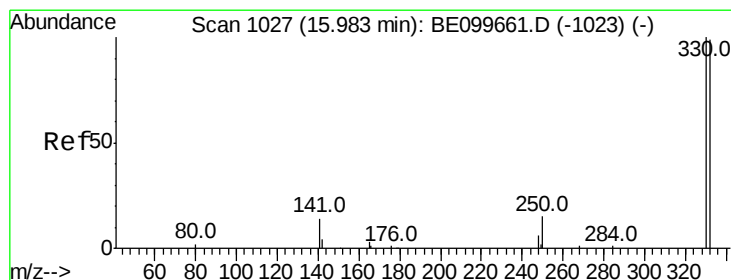
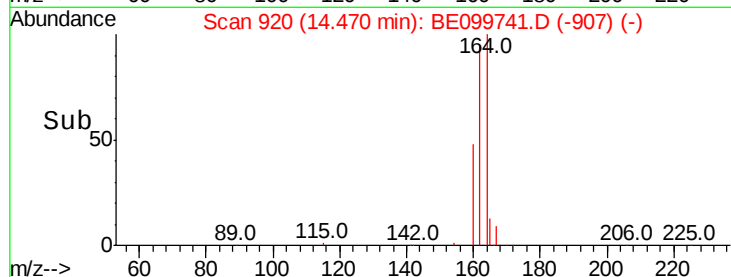
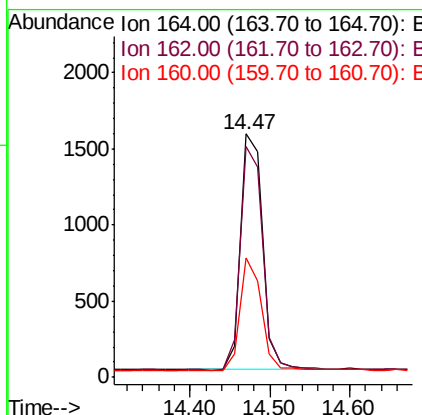
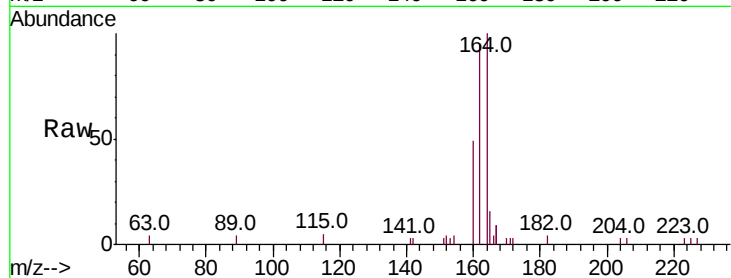




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.02 min
Lab File: BE099741.D
Acq: 24 May 2019 14:22

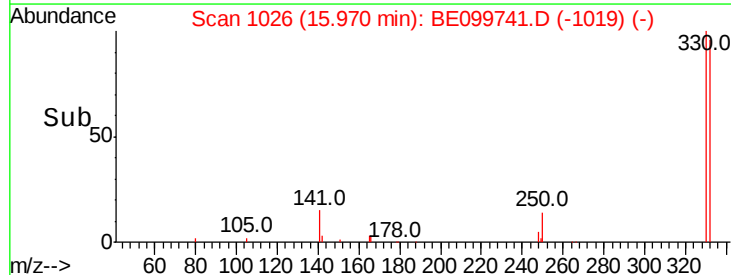
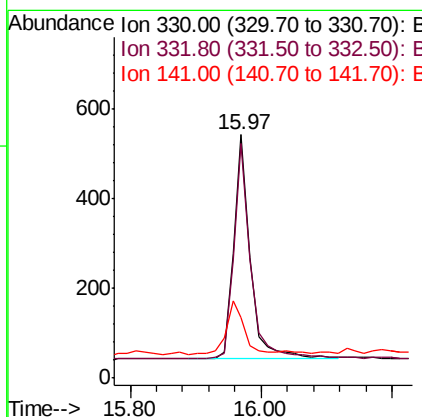
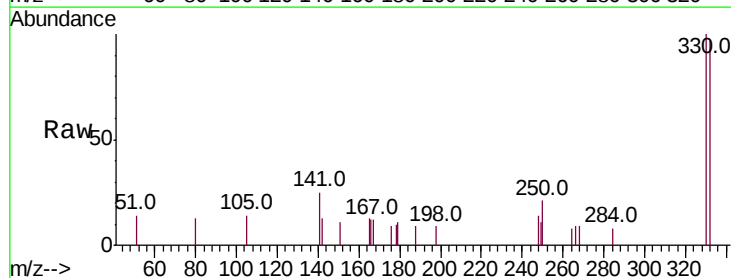
Instrument :
BNA_E
ClientSampleId :

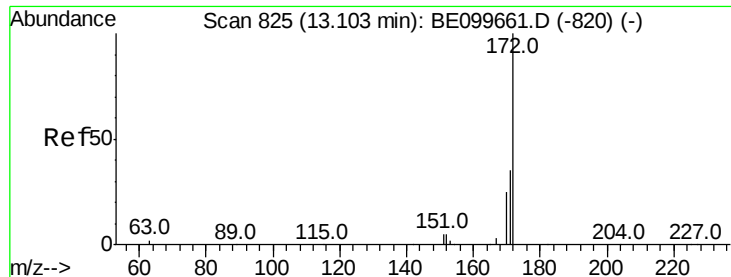
Tot Ion:164 Resp: 2981
Ion Ratio Lower Upper
164 100
162 95.1 76.5 114.7
160 48.8 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.518 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099741.D
Acq: 24 May 2019 14:22

Tgt Ion:330 Resp: 892
Ion Ratio Lower Upper
330 100
332 98.7 77.3 115.9
141 25.7 18.9 28.3

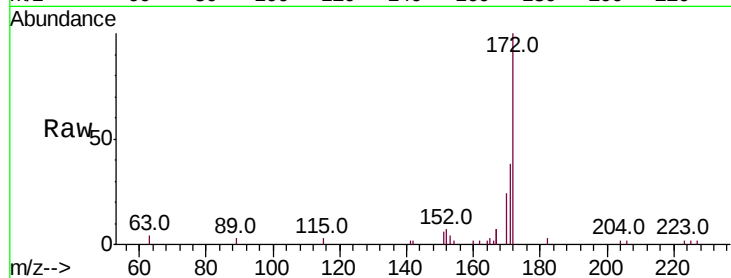




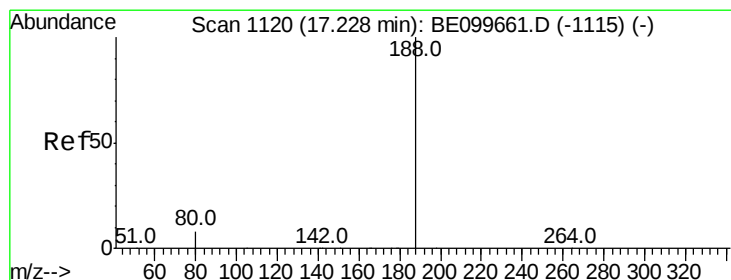
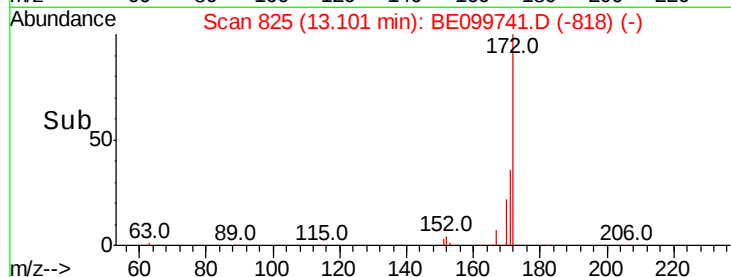
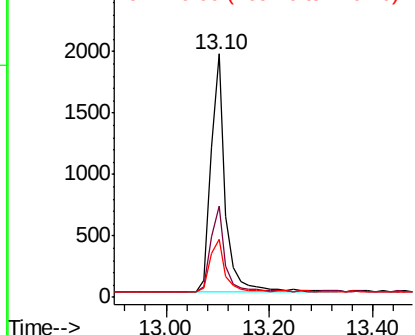
#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099741.D
Acq: 24 May 2019 14:22

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 3786
Ion Ratio Lower Upper
172 100
171 37.7 28.7 43.1
170 23.8 20.9 31.3

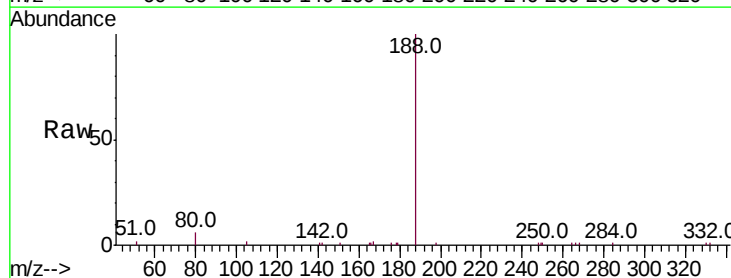


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

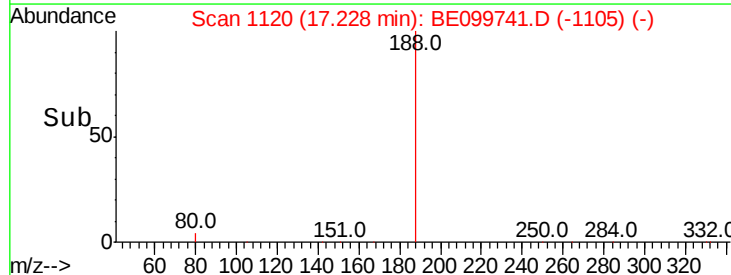
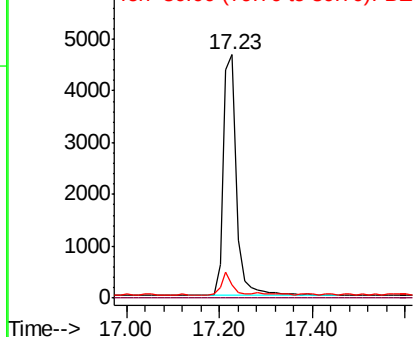


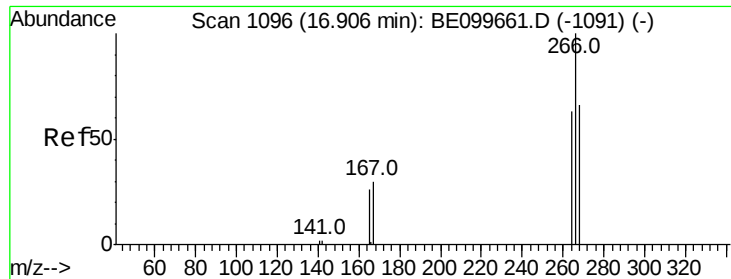
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099741.D
Acq: 24 May 2019 14:22

Tgt Ion:188 Resp: 9375
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.7 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

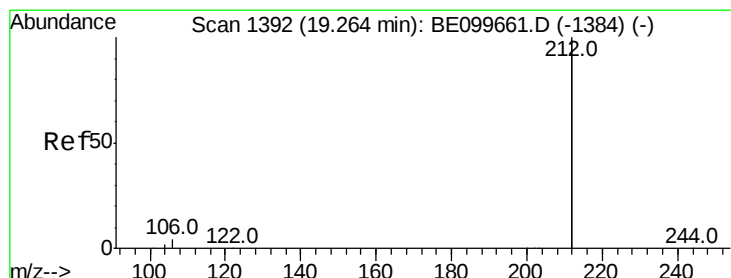
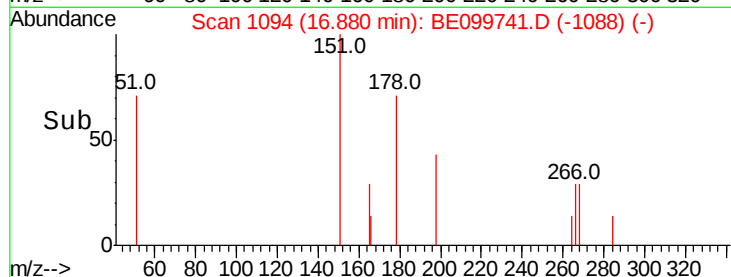
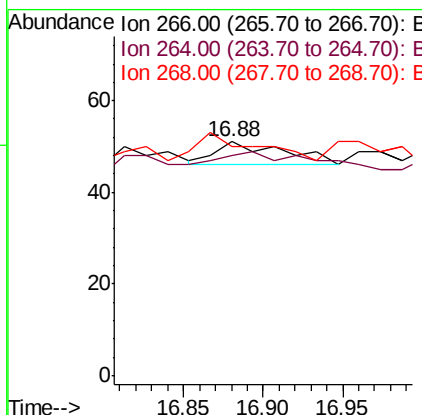
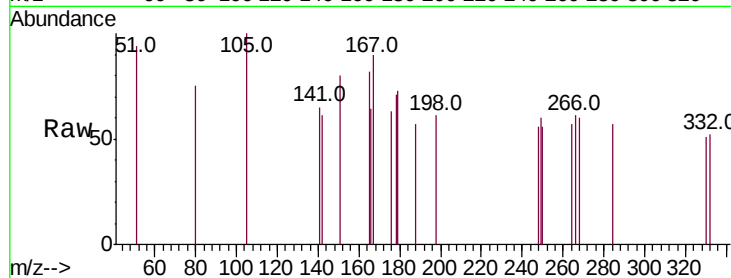




#22
 Pentachlorophenol
 Concen: 0.190 ng
 RT: 16.88 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BE099741.D
 Acq: 24 May 2019 14:22

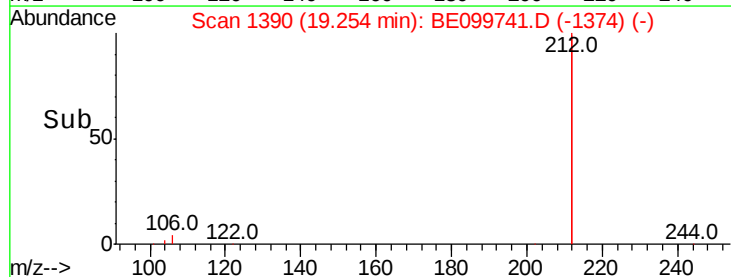
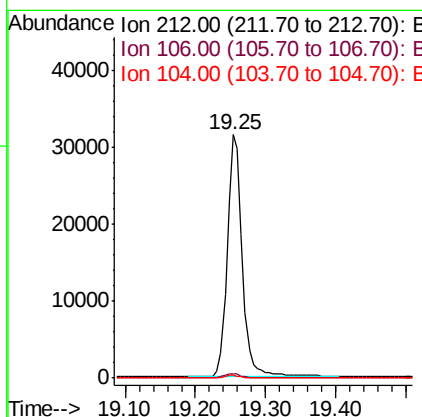
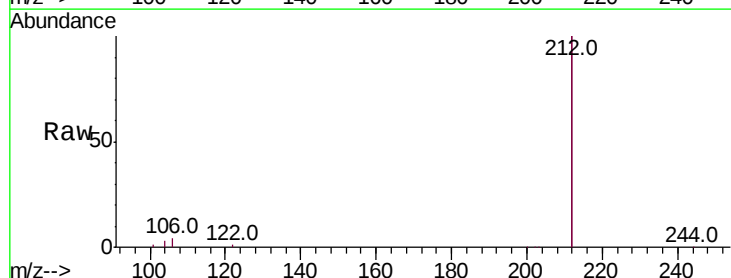
Instrument :
 BNA_E
 ClientSampleId :

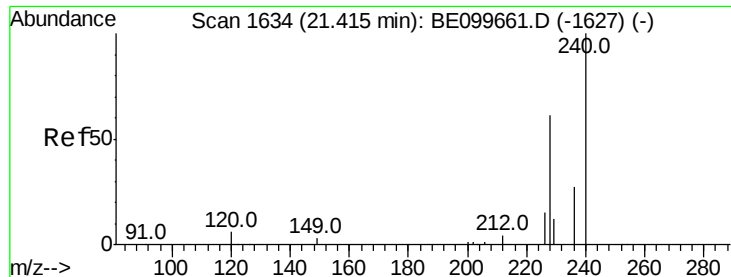
Tot Ion:266 Resp: 15
 Ion Ratio Lower Upper
 266 100
 264 94.1 57.2 85.8#
 268 98.0 60.5 90.7#



#25
 Fluoranthene-d10
 Concen: 0.366 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE099741.D
 Acq: 24 May 2019 14:22

Tgt Ion:212 Resp: 46834
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.8 1.2

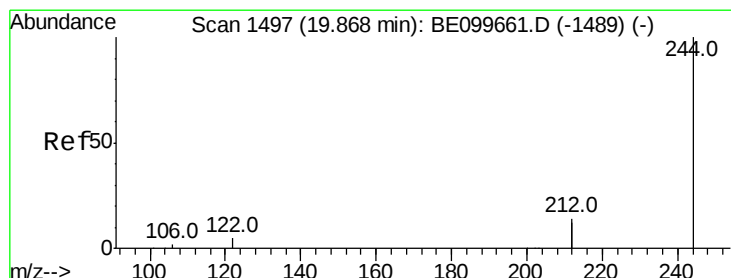
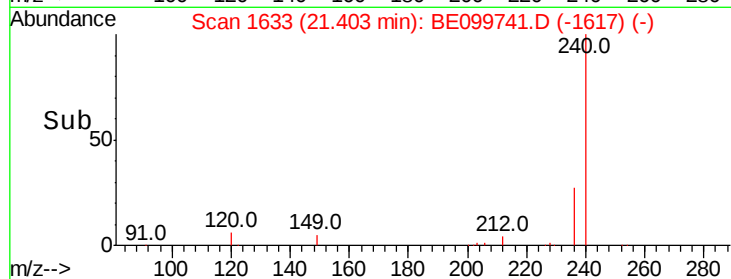
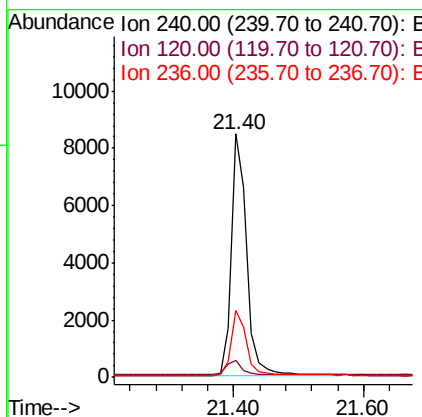
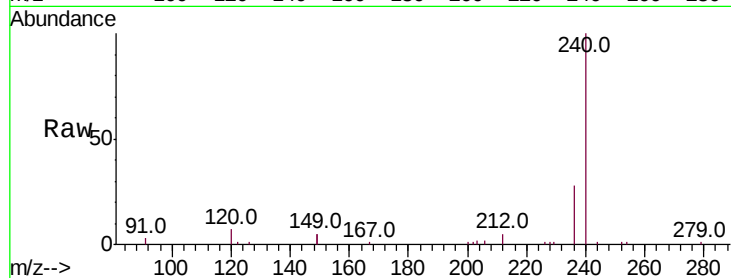




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099741.D
 Acq: 24 May 2019 14:22

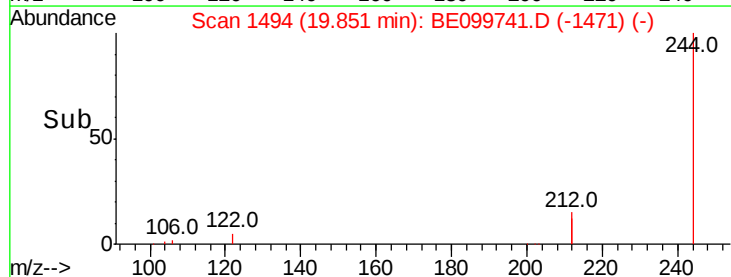
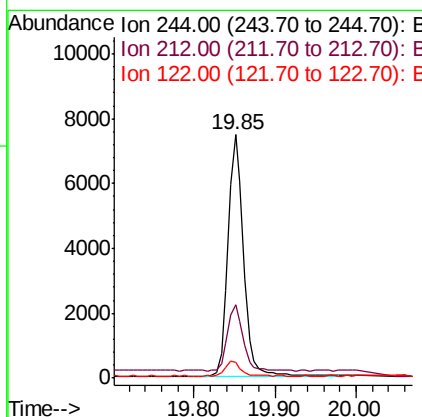
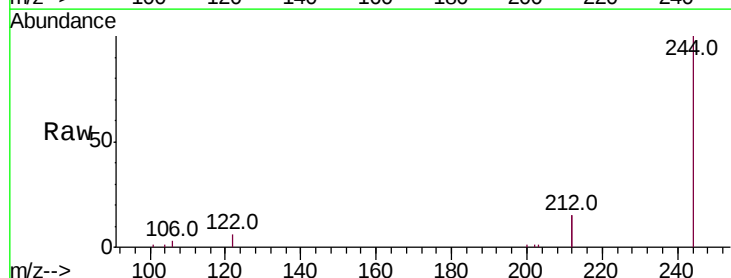
Instrument :
 BNA_E
 ClientSampled :

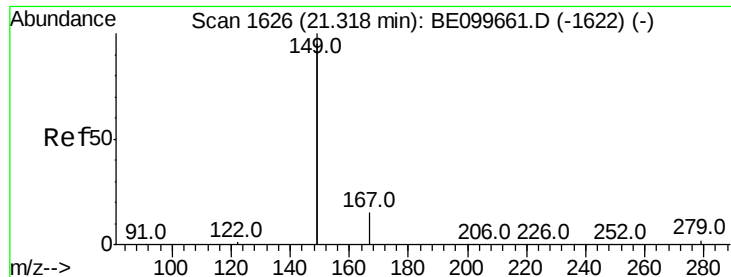
Tot Ion:240 Resp: 14062
 Ion Ratio Lower Upper
 240 100
 120 6.8 5.4 8.0
 236 27.6 21.7 32.5



#29
 Terphenyl-d14
 Concen: 0.392 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. -0.02 min
 Lab File: BE099741.D
 Acq: 24 May 2019 14:22

Tgt Ion:244 Resp: 9837
 Ion Ratio Lower Upper
 244 100
 212 30.0 22.5 33.7
 122 6.2 4.3 6.5

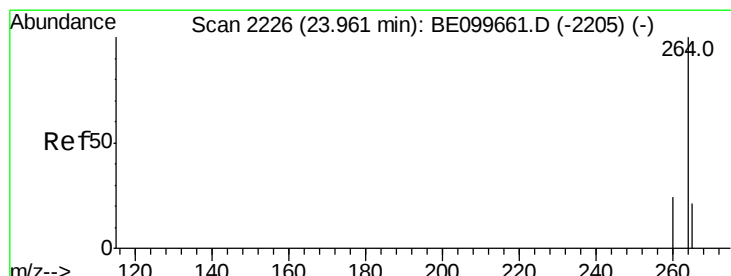
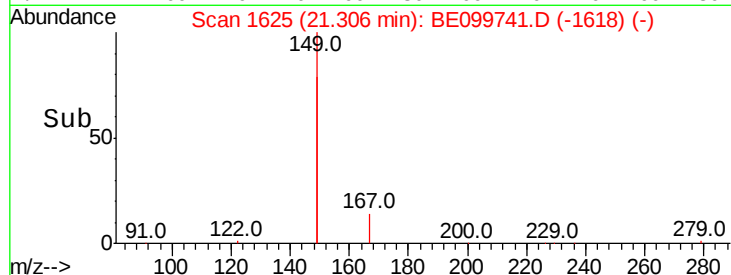
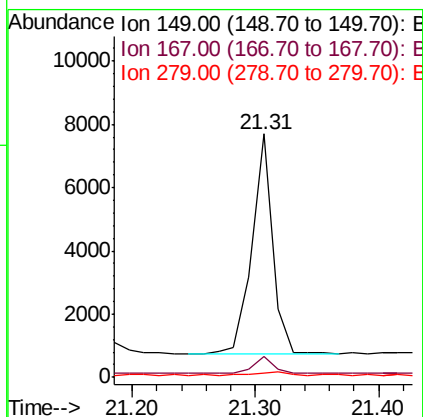
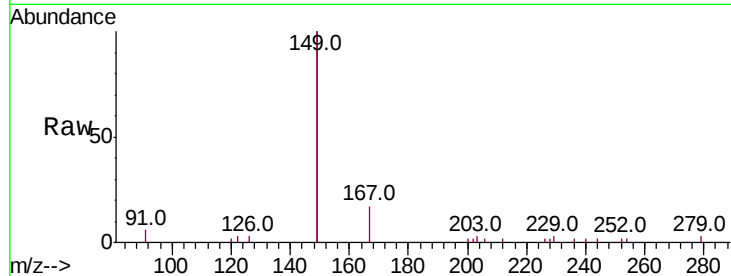




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.177 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BE099741.D
 Acq: 24 May 2019 14:22

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 8165
 Ion Ratio Lower Upper
 149 100
 167 8.0 6.2 9.4
 279 1.4 1.2 1.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BE099741.D
 Acq: 24 May 2019 14:22

Tgt Ion:264 Resp: 16815
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.6 29.4
 265 26.1 19.1 28.7

