

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
 Data File : BE099687.D
 Acq On : 21 May 2019 13:09
 Operator : JU/SJ
 Sample : K2944-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 21 14:07:09 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

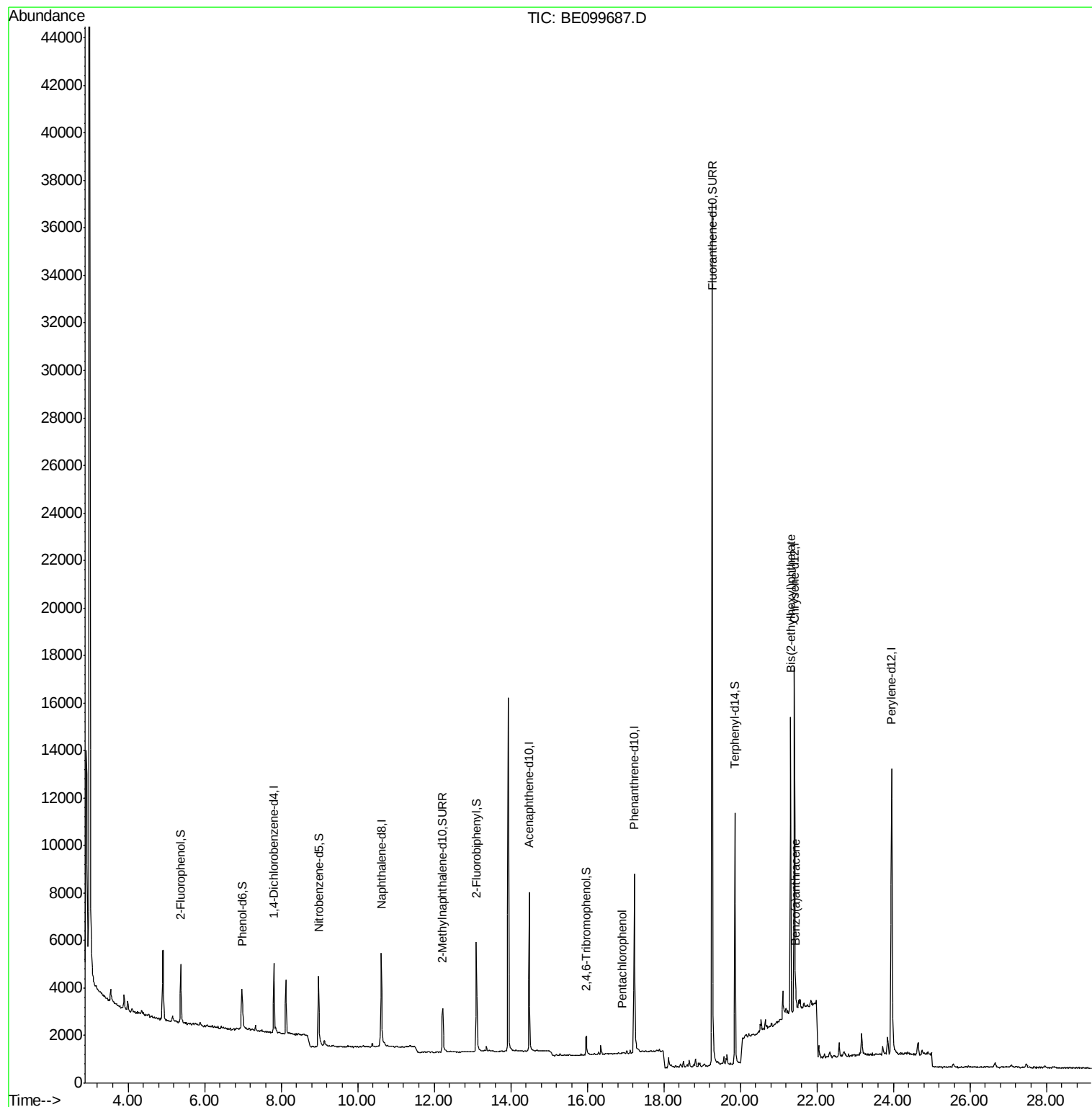
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1608	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5478	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4061	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12015	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15518	0.40	ng	0.00
34) Perylene-d12	23.95	264	18873	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1497	0.37	ng	0.00
5) Phenol-d6	6.98	99	2030	0.38	ng	0.00
8) Nitrobenzene-d5	8.98	82	1541	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3304	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	715	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5036	0.33	ng	0.00
25) Fluoranthene-d10	19.26	212	52068	0.32	ng	0.00
29) Terphenyl-d14	19.86	244	11049	0.40	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.92	266	10	0.185	ng	# 73
30) Benzo(a)anthracene	21.45	228	942	0.021	ng	# 40
32) Bis(2-ethylhexyl)phthalate	21.32	149	14686	0.289	ng	# 100

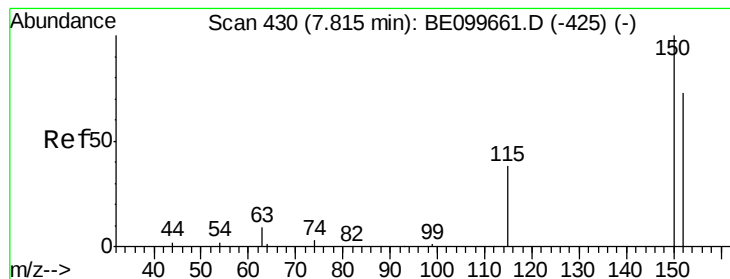
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
Data File : BE099687.D
Acq On : 21 May 2019 13:09
Operator : JU/SJ
Sample : K2944-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 21 14:07:09 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



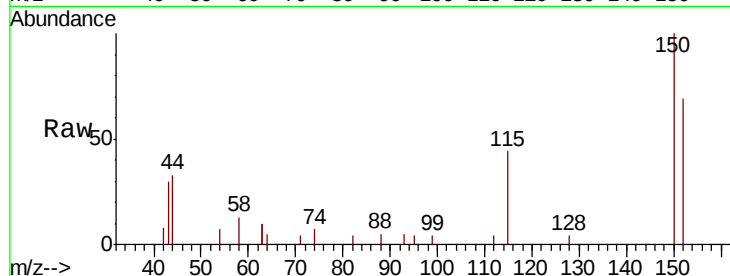


#1

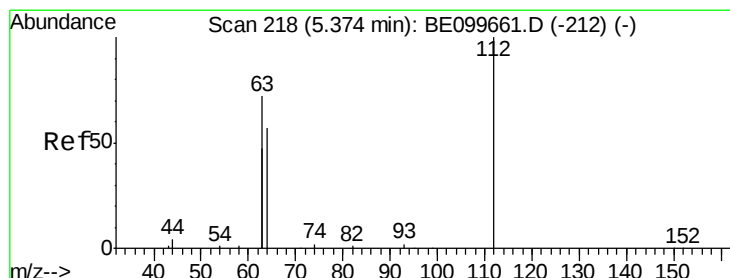
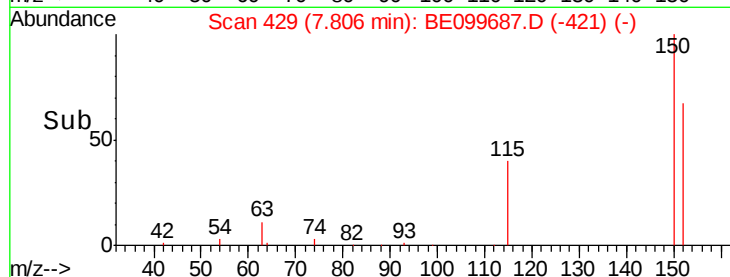
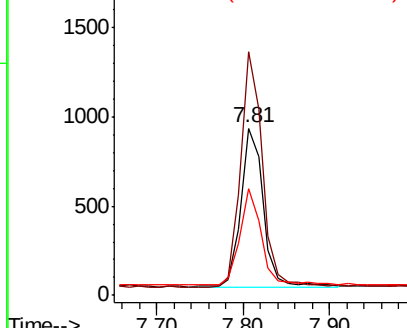
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099687.D
Acq: 21 May 2019 13:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1608
Ion Ratio Lower Upper
152 100
150 145.8 109.2 163.8
115 63.5 43.7 65.5



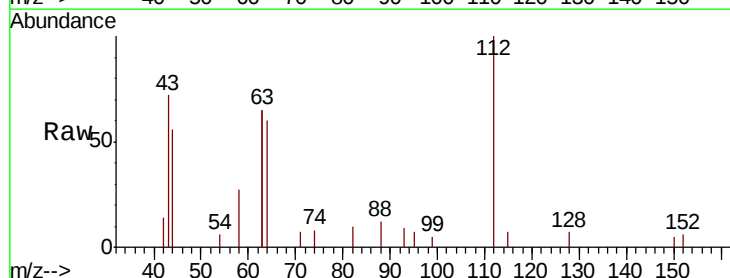
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



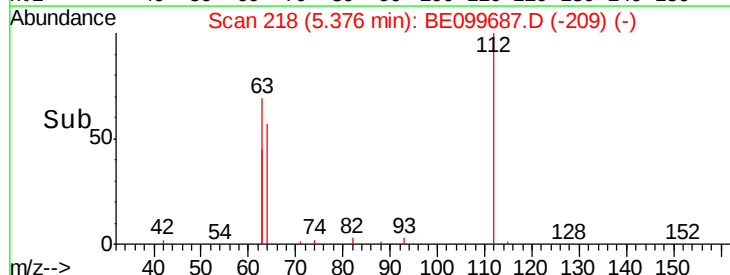
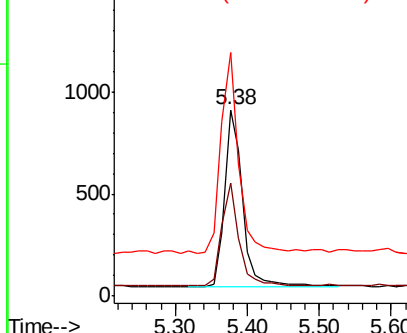
#4

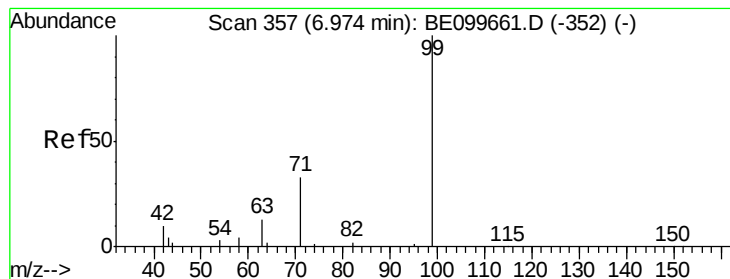
2-Fluorophenol
Concen: 0.368 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099687.D
Acq: 21 May 2019 13:09

Tgt Ion:112 Resp: 1497
Ion Ratio Lower Upper
112 100
64 56.2 43.4 65.2
63 115.6 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: 0.377 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099687.D

Acq: 21 May 2019 13:09

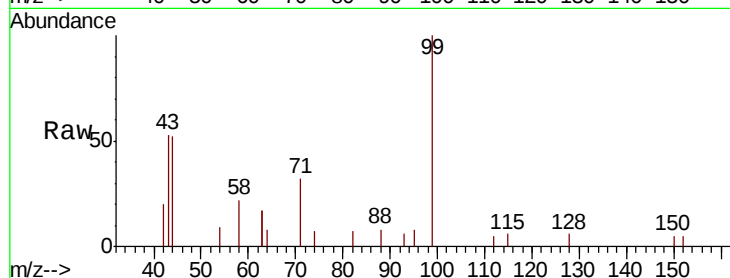
Instrument :

BNA_E

ClientSampled :

Tot Ion: 99 Resp: 2030

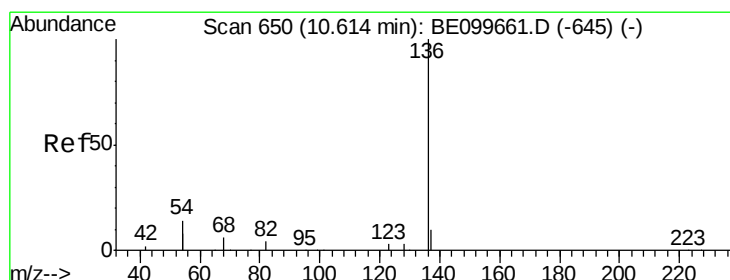
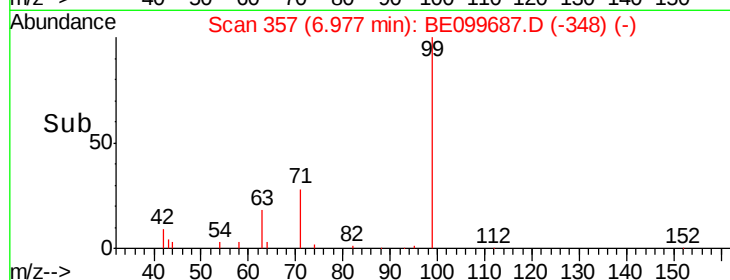
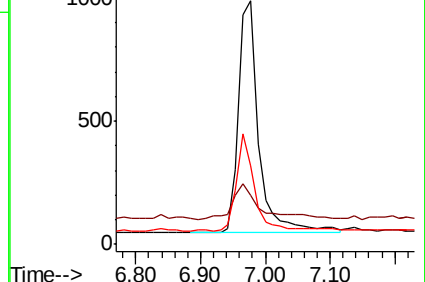
Ion	Ratio	Lower	Upper
99	100		
42	20.0	12.2	18.2#
71	39.1	28.9	43.3



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

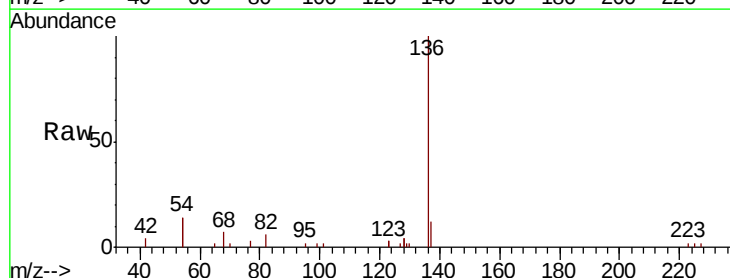
Delta R.T. 0.00 min

Lab File: BE099687.D

Acq: 21 May 2019 13:09

Tgt Ion: 136 Resp: 5478

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.0	13.6
54	27.0	22.3	33.5
68	7.5	6.0	9.0

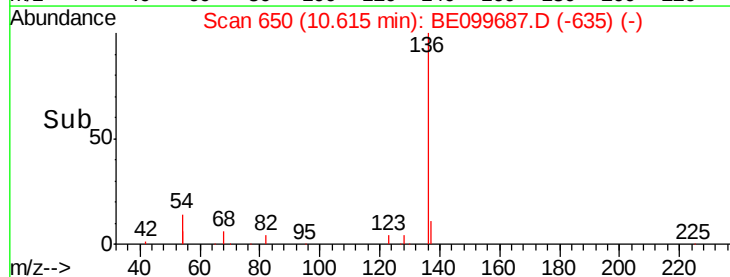
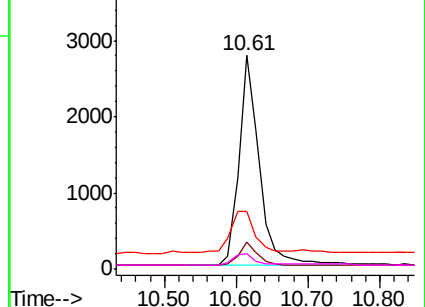


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.325 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099687.D

Acq: 21 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

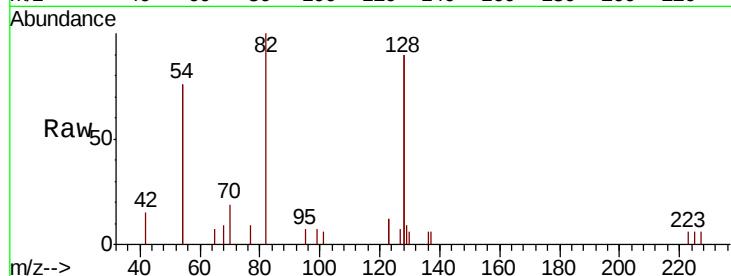
Tot Ion: 82 Resp: 1541

Ion Ratio Lower Upper

82 100

128 180.3 117.7 176.5#

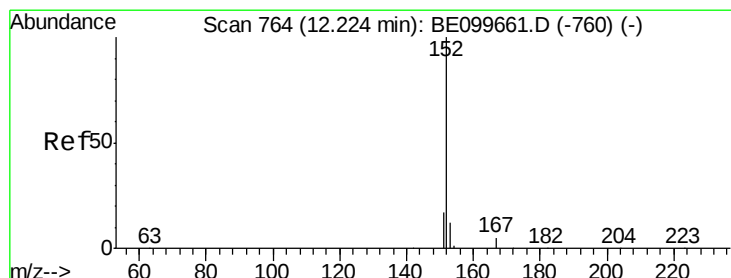
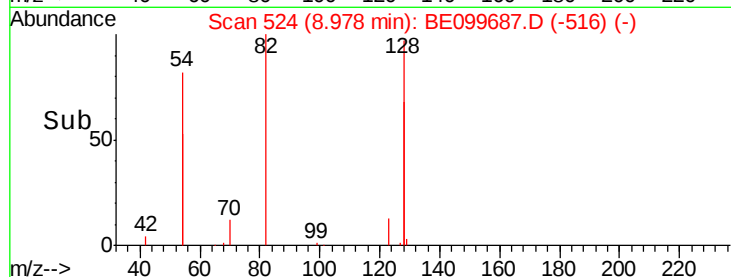
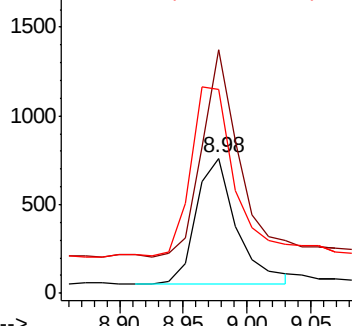
54 151.4 106.6 160.0



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: 0.350 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099687.D

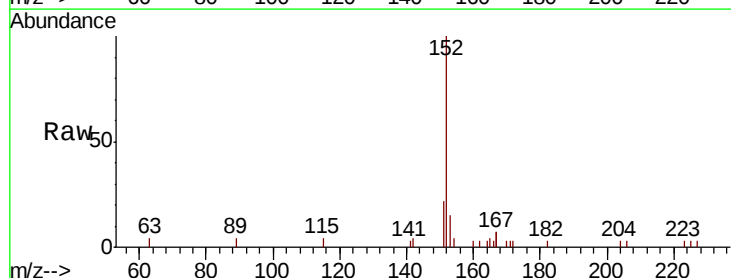
Acq: 21 May 2019 13:09

Tgt Ion: 152 Resp: 3304

Ion Ratio Lower Upper

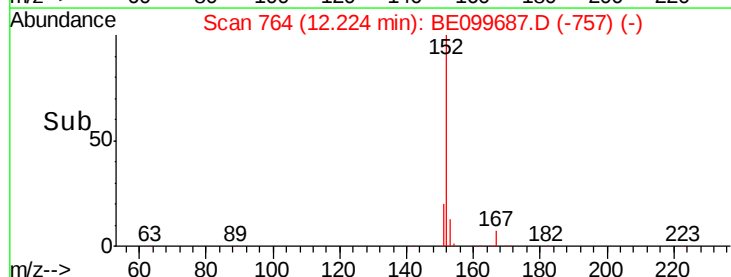
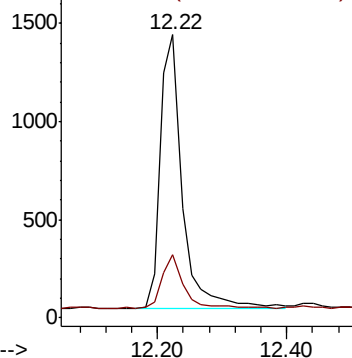
152 100

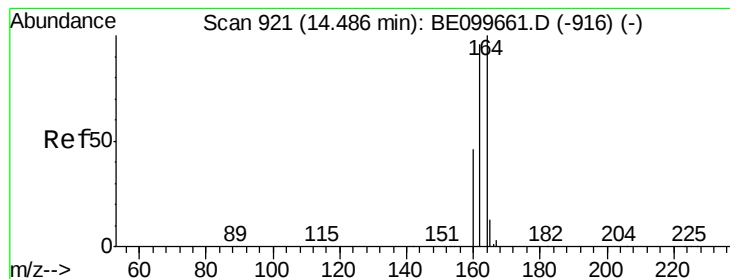
151 19.6 15.0 22.4



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: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099687.D

Acq: 21 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

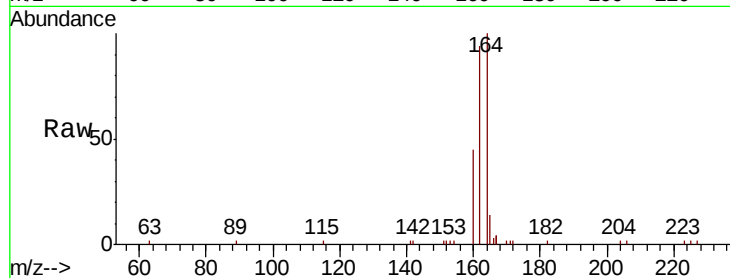
Tot Ion:164 Resp: 4061

Ion Ratio Lower Upper

164 100

162 93.9 76.5 114.7

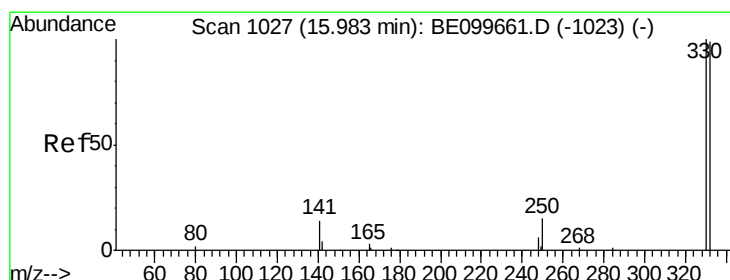
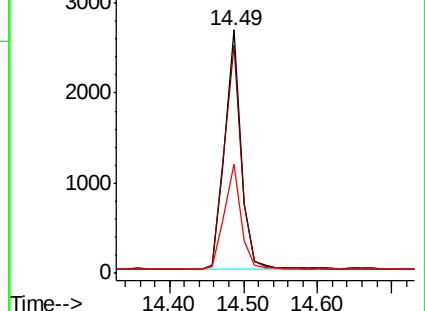
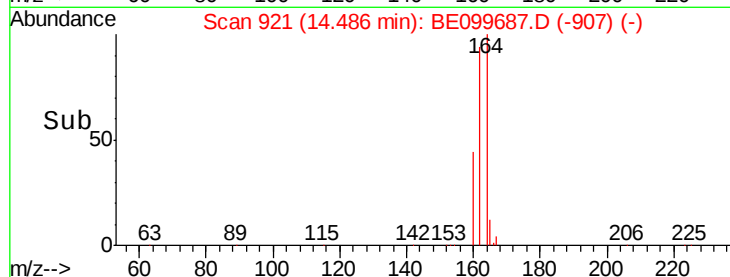
160 44.8 37.4 56.2



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: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099687.D

Acq: 21 May 2019 13:09

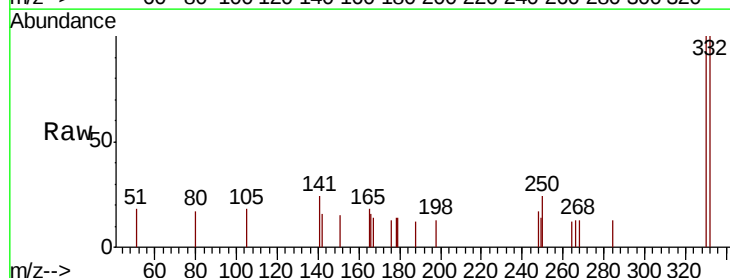
Tgt Ion:330 Resp: 715

Ion Ratio Lower Upper

330 100

332 98.5 77.3 115.9

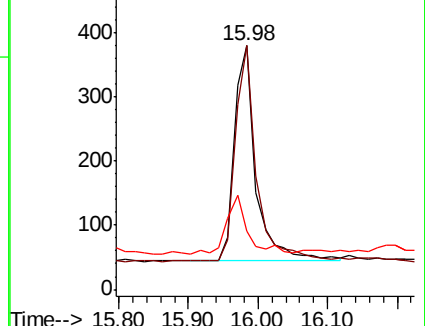
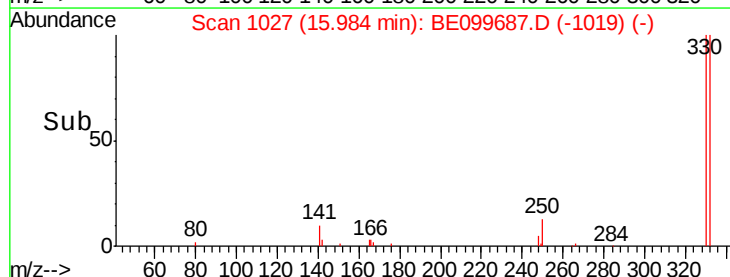
141 26.7 18.9 28.3

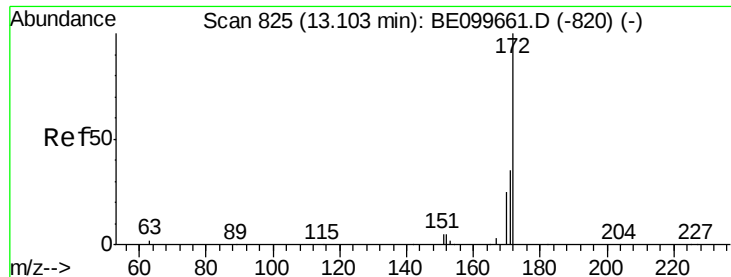


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

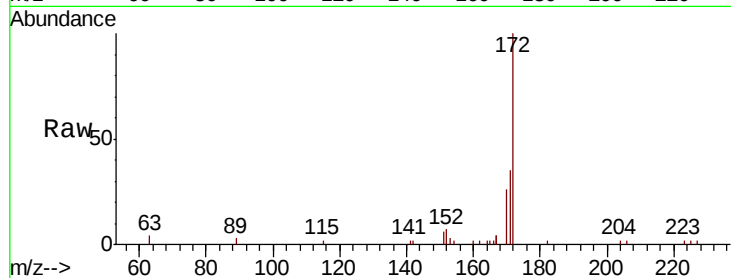




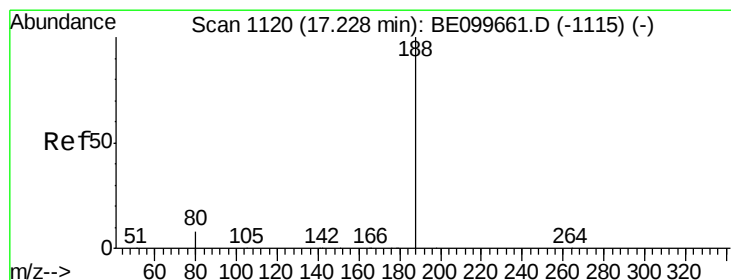
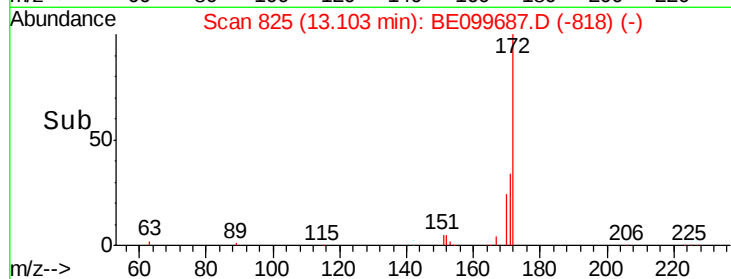
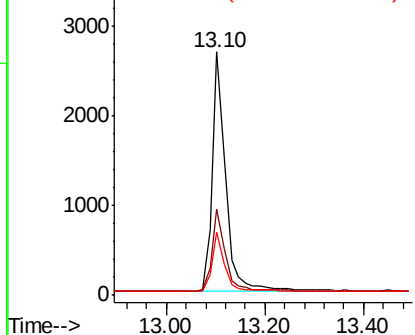
#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099687.D
Acq: 21 May 2019 13:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5036
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 25.7 20.9 31.3

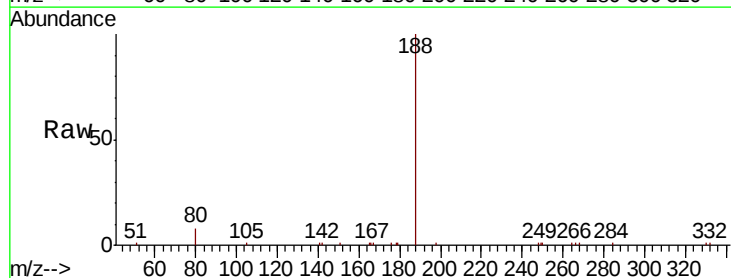


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

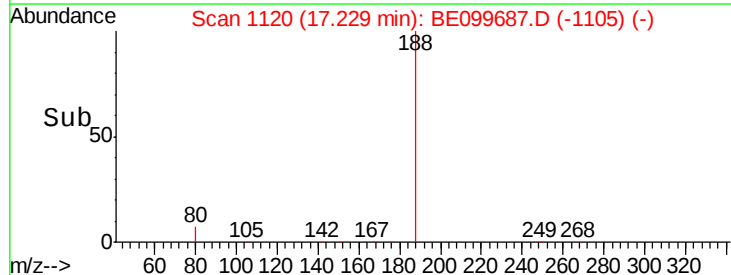
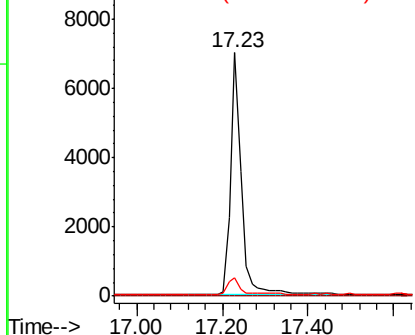


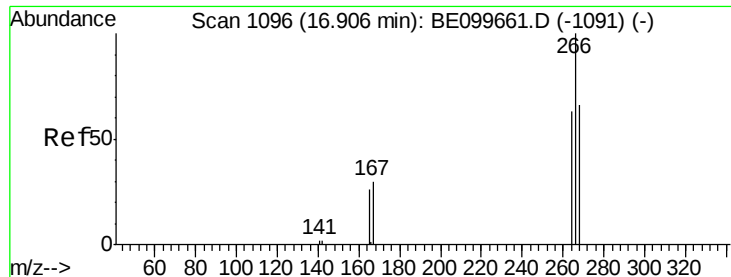
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099687.D
Acq: 21 May 2019 13:09

Tgt Ion:188 Resp: 12015
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 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

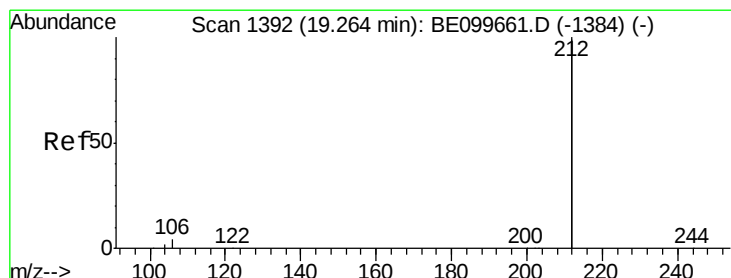
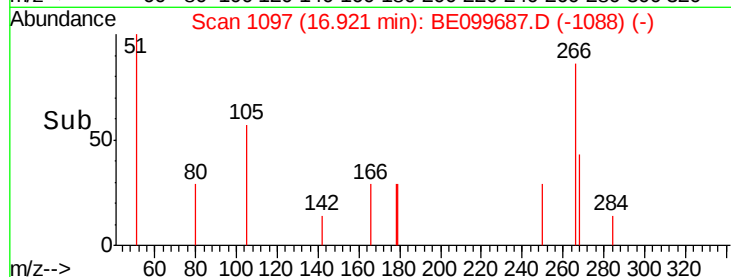
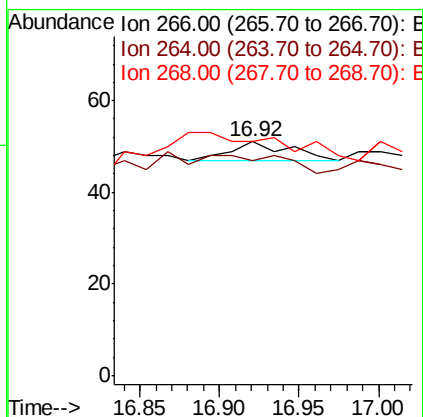
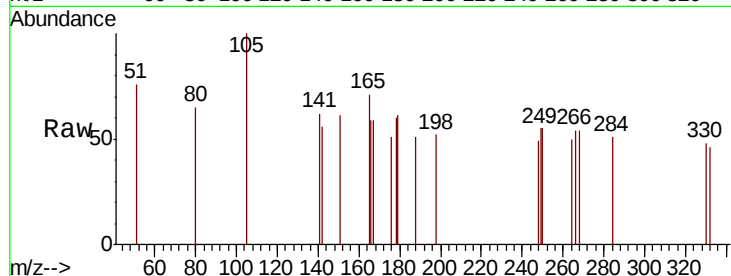




#22
Pentachlorophenol
Concen: 0.185 ng
RT: 16.92 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BE099687.D
Acq: 21 May 2019 13:09

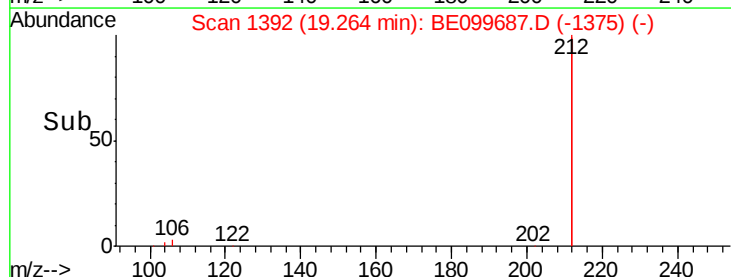
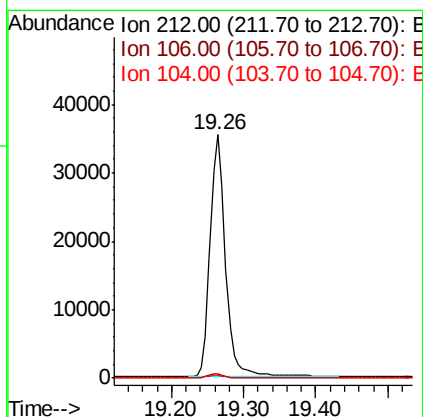
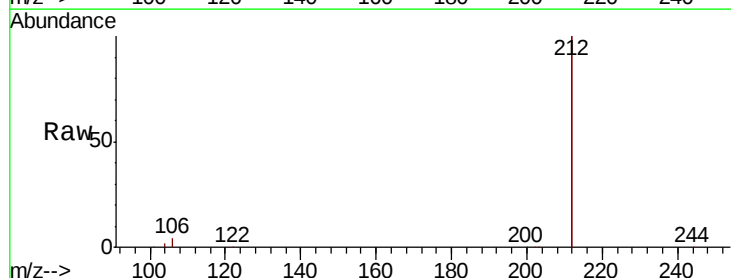
Instrument :
BNA_E
ClientSampleId :

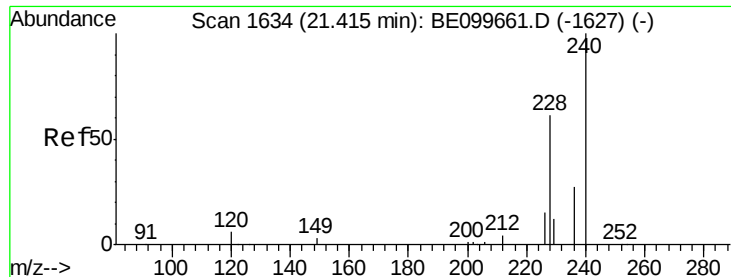
Tot Ion:266 Resp: 10
Ion Ratio Lower Upper
266 100
264 92.2 57.2 85.8#
268 100.0 60.5 90.7#



#25
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE099687.D
Acq: 21 May 2019 13:09

Tgt Ion:212 Resp: 52068
Ion Ratio Lower Upper
212 100
106 1.8 1.4 2.2
104 1.1 0.8 1.2

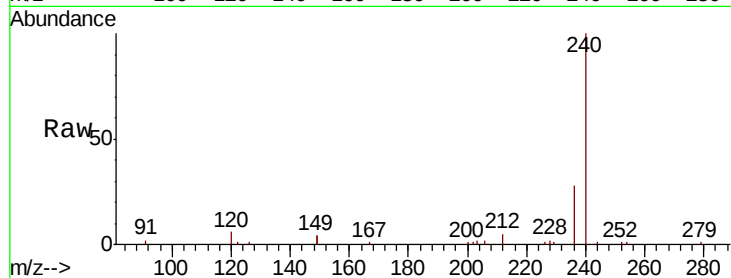




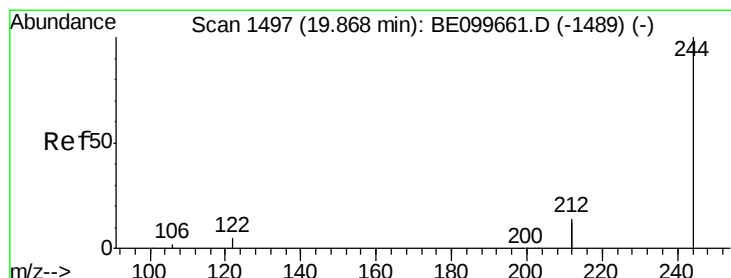
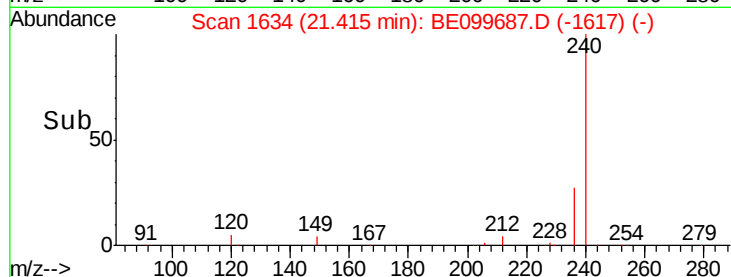
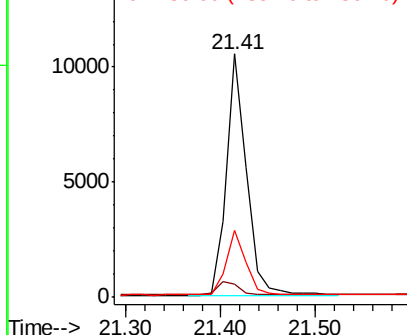
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE099687.D
 Acq: 21 May 2019 13:09

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:240 Resp: 15518
 Ion Ratio Lower Upper
 240 100
 120 5.6 5.4 8.0
 236 27.6 21.7 32.5

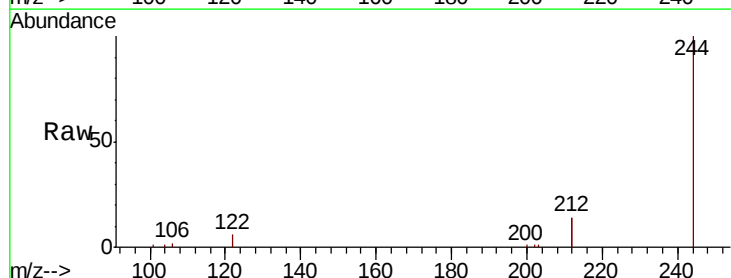


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

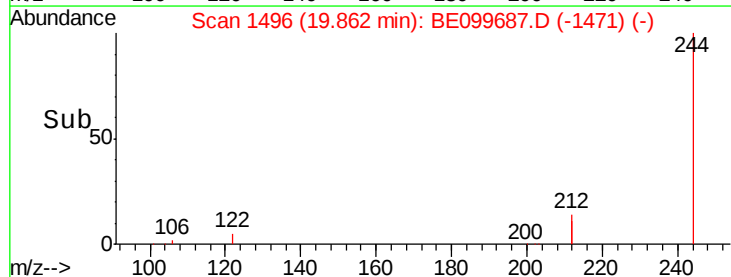
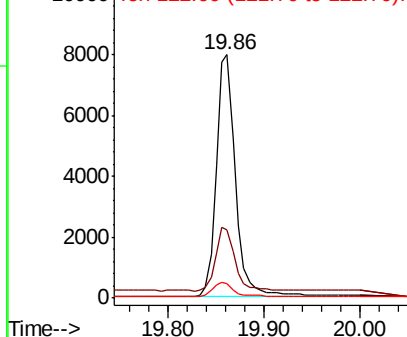


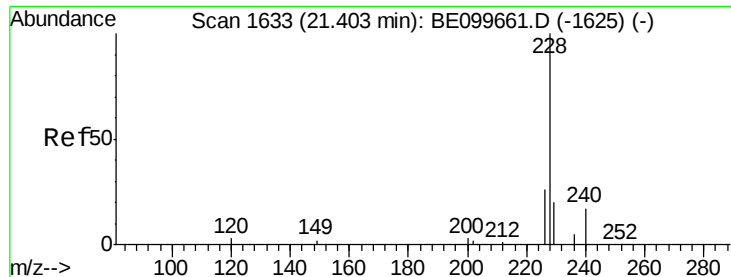
#29
 Terphenyl-d14
 Concen: 0.399 ng
 RT: 19.86 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BE099687.D
 Acq: 21 May 2019 13:09

Tgt Ion:244 Resp: 11049
 Ion Ratio Lower Upper
 244 100
 212 28.3 22.5 33.7
 122 5.7 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





#30

Benzo(a)anthracene

Concen: 0.021 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.05 min

Lab File: BE099687.D

Acq: 21 May 2019 13:09

Instrument :

BNA_E

ClientSampled :

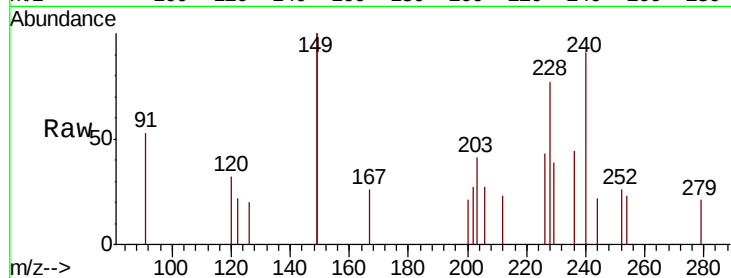
Tot Ion:228 Resp: 942

Ion Ratio Lower Upper

228 100

226 55.1 21.3 31.9#

229 51.0 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

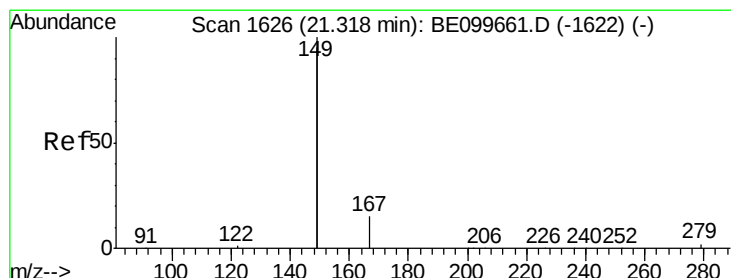
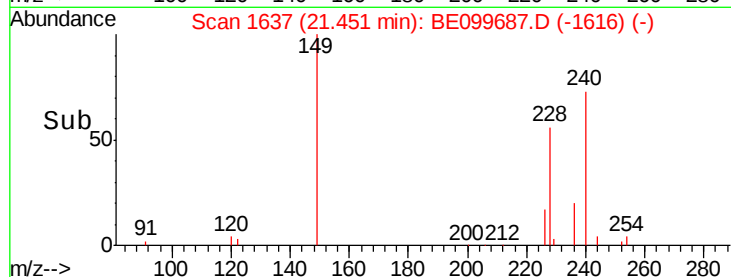
Ion 229.00 (228.70 to 229.70): E

21.45

21.40

21.50

Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.289 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE099687.D

Acq: 21 May 2019 13:09

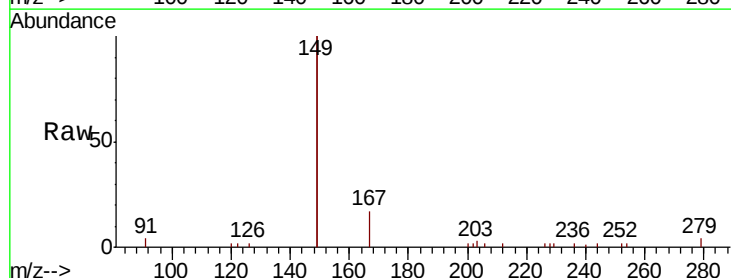
Tgt Ion:149 Resp: 14686

Ion Ratio Lower Upper

149 100

167 7.8 6.2 9.4

279 1.9 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

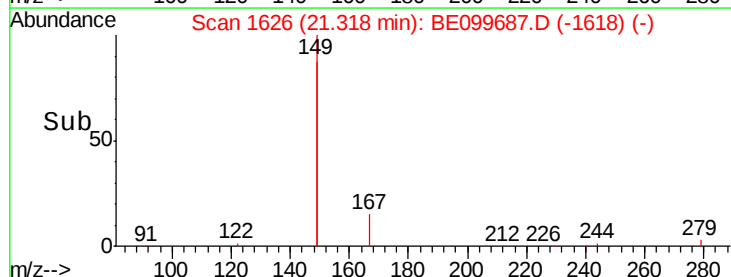
21.32

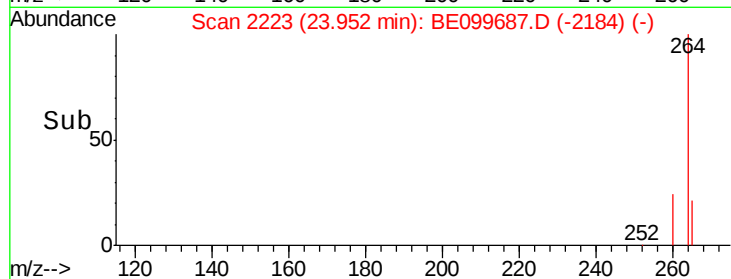
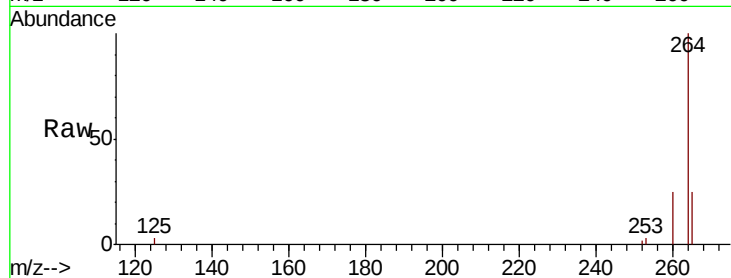
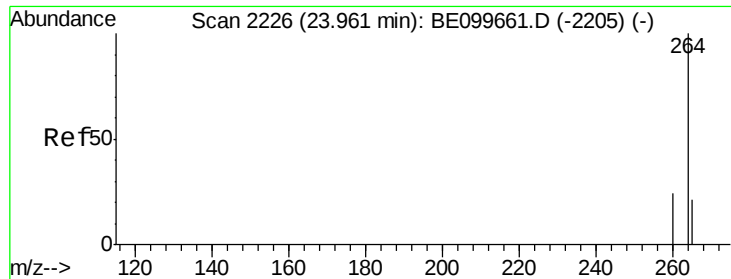
21.25

21.35

21.40

Time-->





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BE099687.D

Acq: 21 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 18873

Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

265 25.4 19.1 28.7

