

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052919\
 Data File : BE099781.D
 Acq On : 29 May 2019 17:59
 Operator : JU/SJ
 Sample : SP4744
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SP4744

Quant Time: May 30 01:30:23 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

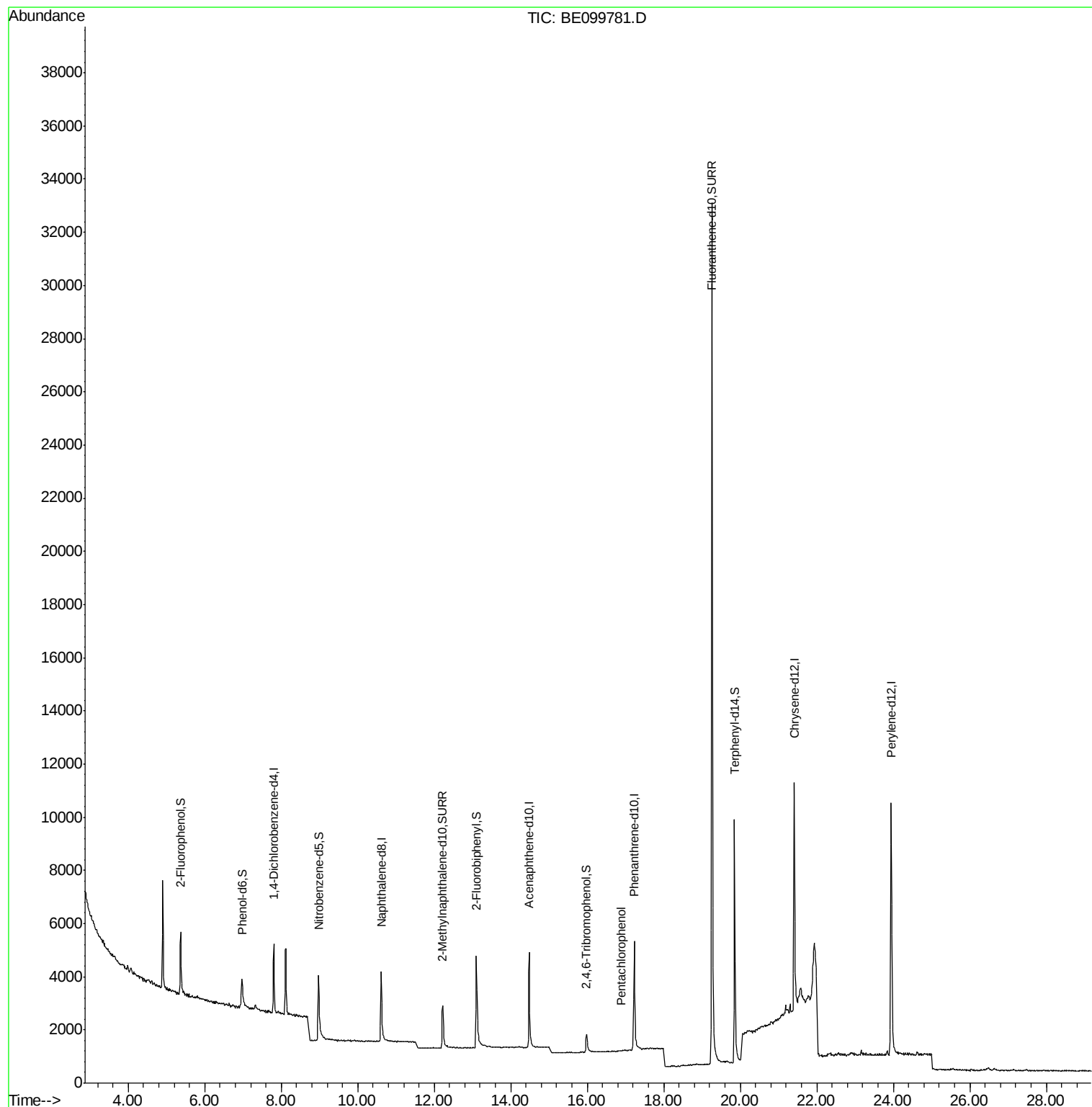
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1401	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	4546	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3012	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	8206	0.40	ng	0.00
27) Chrysene-d12	21.42	240	12993	0.40	ng	0.00
34) Perylene-d12	23.94	264	16384	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1726	0.49	ng	0.00
5) Phenol-d6	6.97	99	2103	0.45	ng	0.00
8) Nitrobenzene-d5	8.98	82	1658	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3388	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	772	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5309	0.46	ng	0.00
25) Fluoranthene-d10	19.26	212	53152	0.47	ng	0.00
29) Terphenyl-d14	19.86	244	11592	0.50	ng	-0.01
Target Compounds						
22) Pentachlorophenol	16.89	266	35	0.205	ng	Qvalue # 72

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

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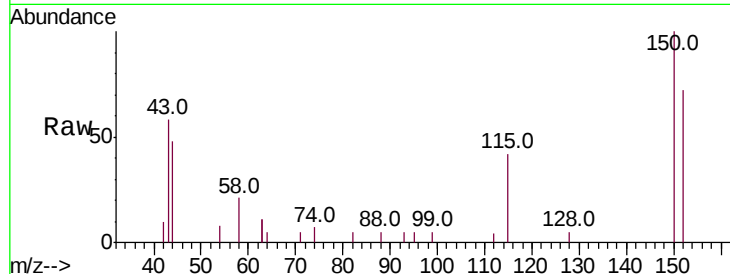


#1

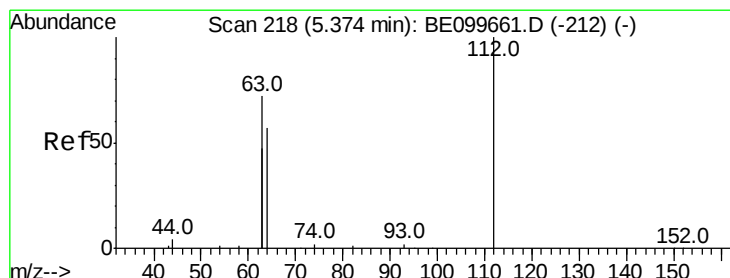
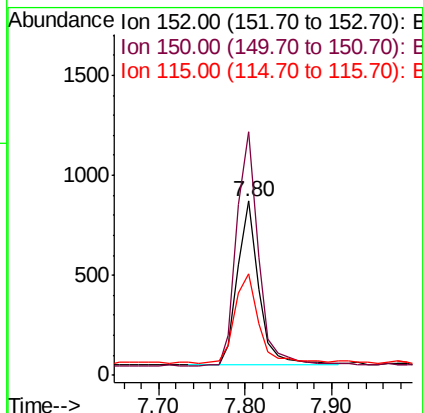
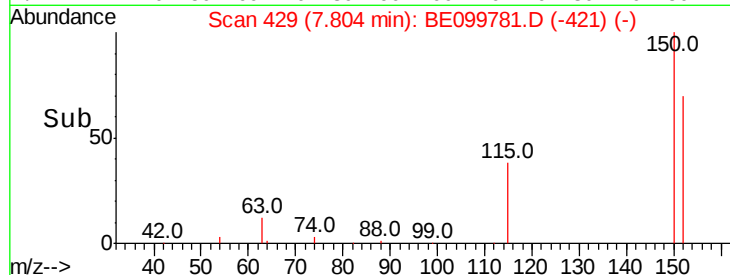
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099781.D
Acq: 29 May 2019 17:59

Instrument :
BNA_E
ClientSampleId :
SP4744

Tot Ion:152 Resp: 1401
Ion Ratio Lower Upper
152 100
150 139.8 109.2 163.8
115 58.3 43.7 65.5



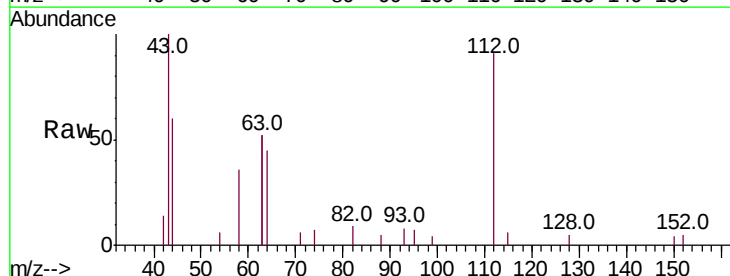
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



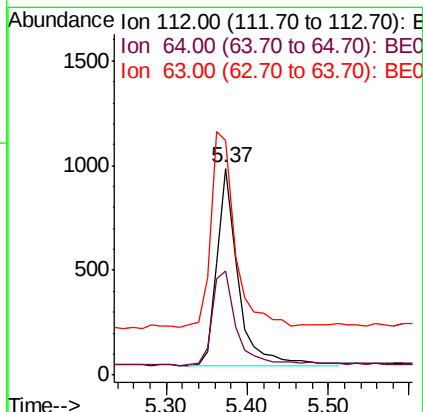
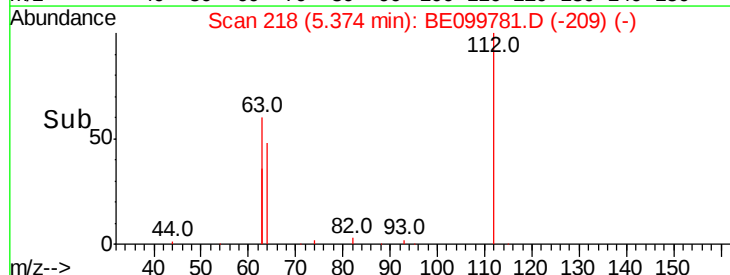
#4

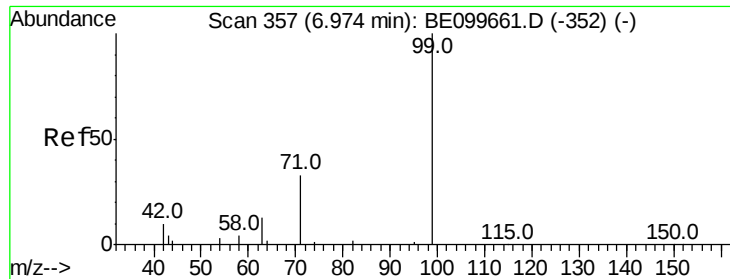
2-Fluorophenol
Concen: 0.488 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099781.D
Acq: 29 May 2019 17:59

Tgt Ion:112 Resp: 1726
Ion Ratio Lower Upper
112 100
64 56.0 43.4 65.2
63 113.6 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: 0.449 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099781.D

Acq: 29 May 2019 17:59

Instrument :

BNA_E

ClientSampleId :

SP4744

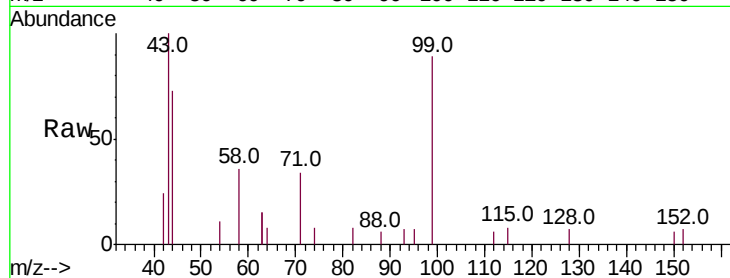
Tot Ion: 99 Resp: 2103

Ion Ratio Lower Upper

99 100

42 11.7 12.2 18.2#

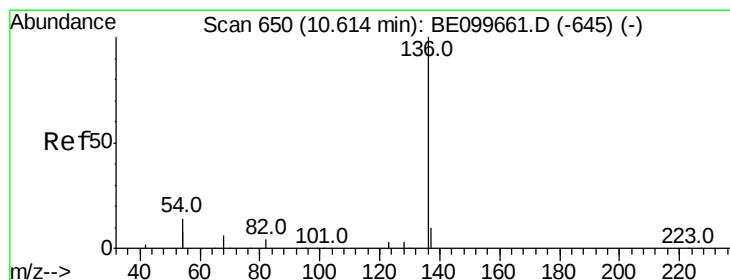
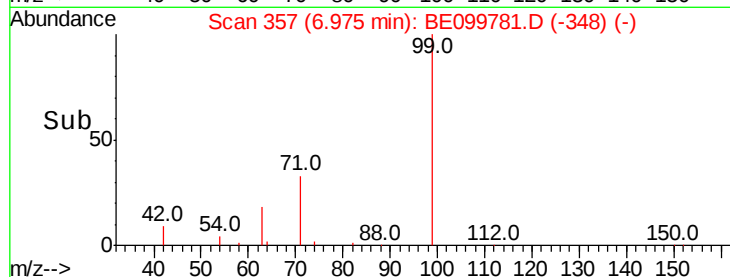
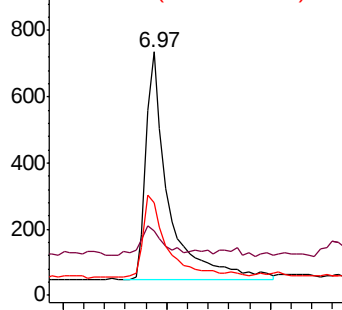
71 38.2 28.9 43.3



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: BE099781.D

Acq: 29 May 2019 17:59

Tgt Ion: 136 Resp: 4546

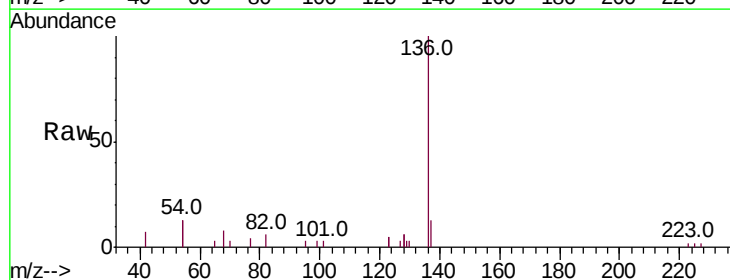
Ion Ratio Lower Upper

136 100

137 13.2 9.0 13.6

54 26.9 22.3 33.5

68 7.7 6.0 9.0

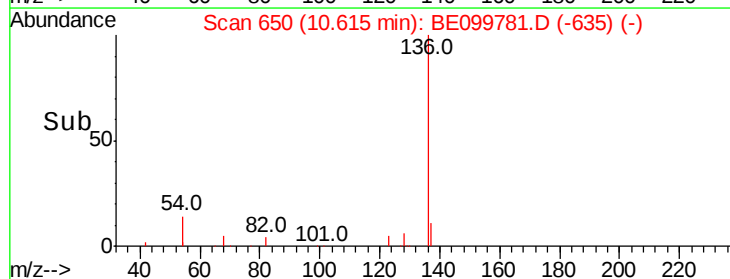
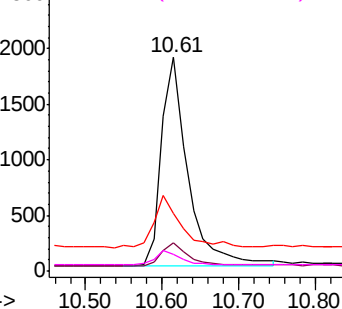


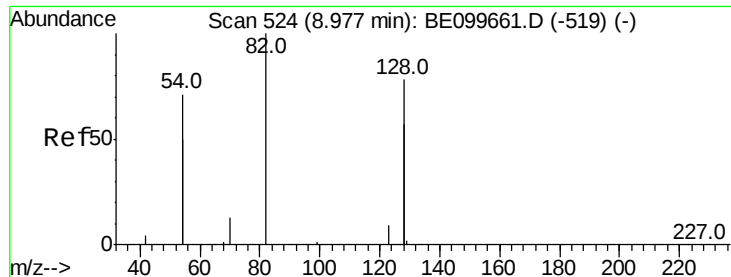
Abundance Ion 136.00 (135.70 to 136.70): E

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

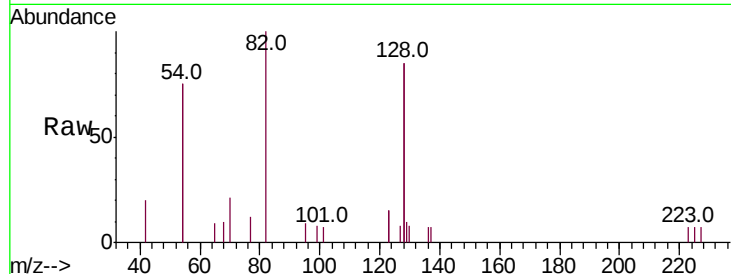




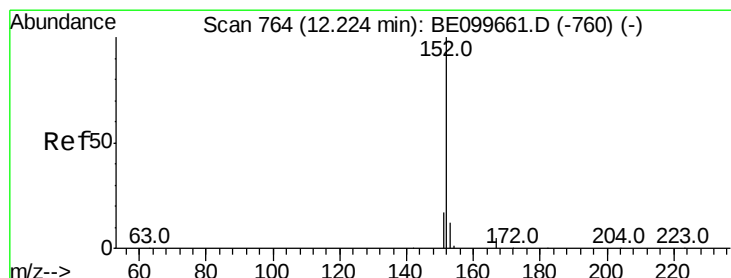
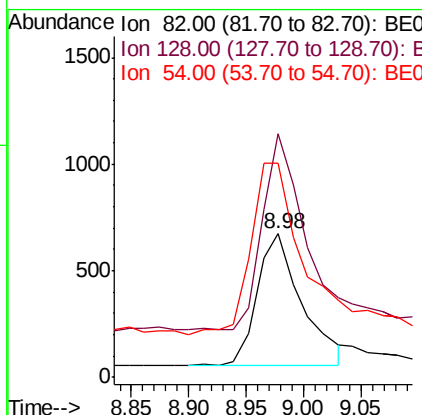
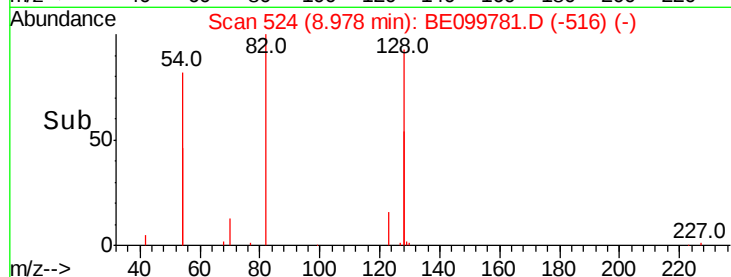
#8
 Nitrobenzene-d5
 Concen: 0.421 ng
 RT: 8.98 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BE099781.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_E
 ClientSampleId :
 SP4744

Tot Ion: 82 Resp: 1658
 Ion Ratio Lower Upper
 82 100
 128 169.9 117.7 176.5
 54 149.7 106.6 160.0

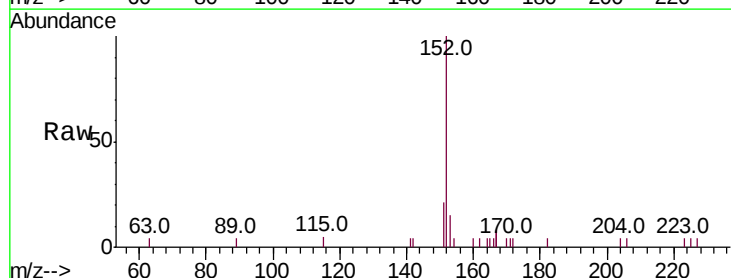


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

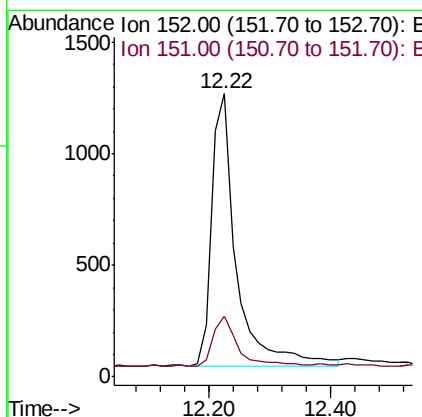
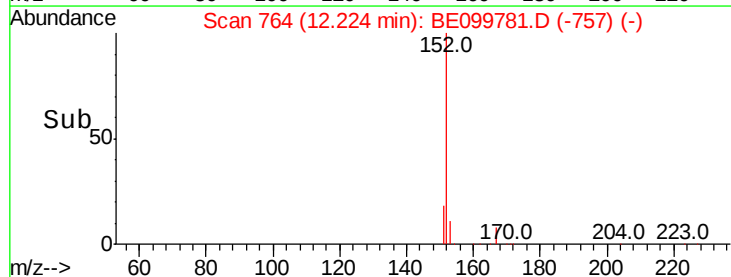


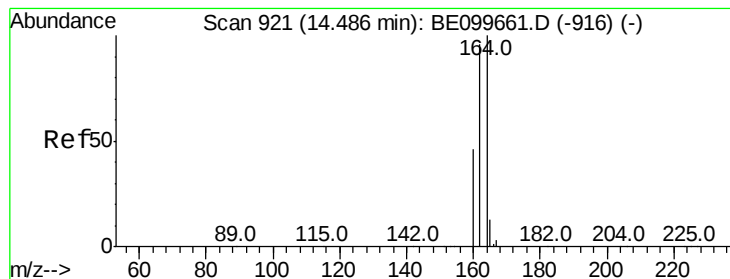
#11
 2-Methylnaphthalene-d10
 Concen: 0.432 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099781.D
 Acq: 29 May 2019 17:59

Tgt Ion: 152 Resp: 3388
 Ion Ratio Lower Upper
 152 100
 151 18.5 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: BE099781.D

Acq: 29 May 2019 17:59

Instrument :

BNA_E

ClientSampleId :

SP4744

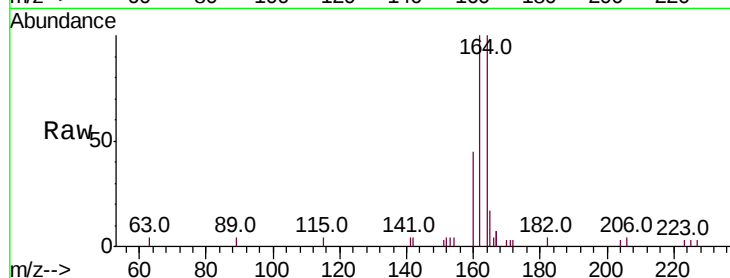
Tot Ion:164 Resp: 3012

Ion Ratio Lower Upper

164 100

162 100.1 76.5 114.7

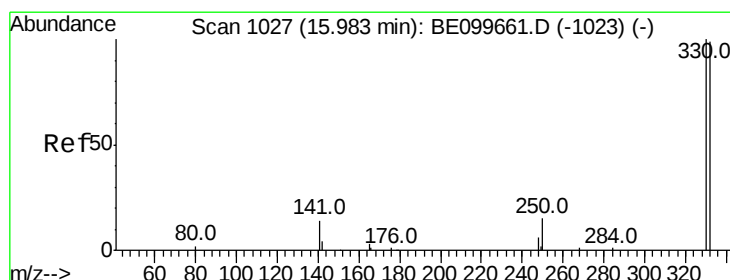
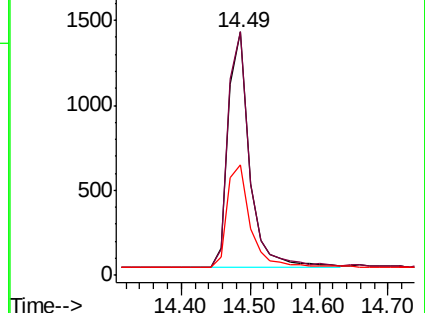
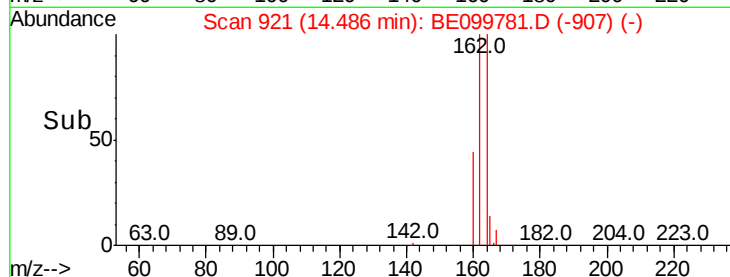
160 45.5 37.4 56.2



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: 0.465 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099781.D

Acq: 29 May 2019 17:59

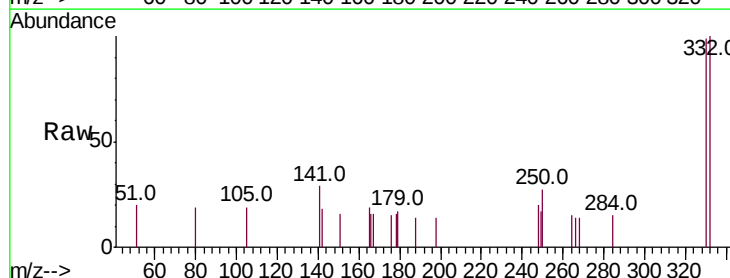
Tgt Ion:330 Resp: 772

Ion Ratio Lower Upper

330 100

332 100.3 77.3 115.9

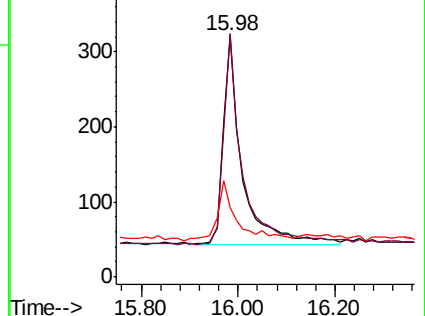
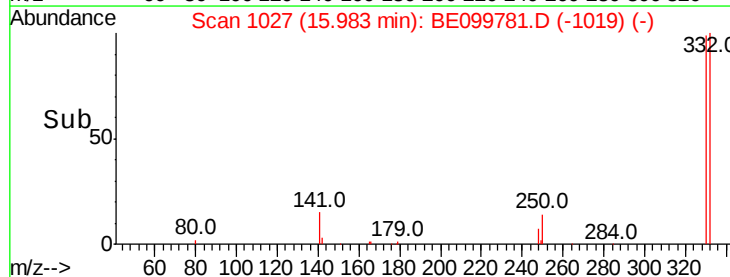
141 23.1 18.9 28.3

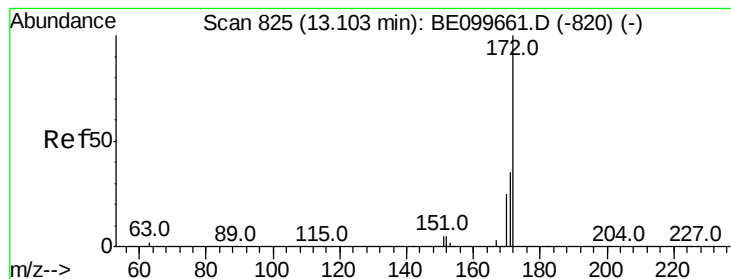


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.465 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099781.D

Acq: 29 May 2019 17:59

Instrument :

BNA_E

ClientSampleId :

SP4744

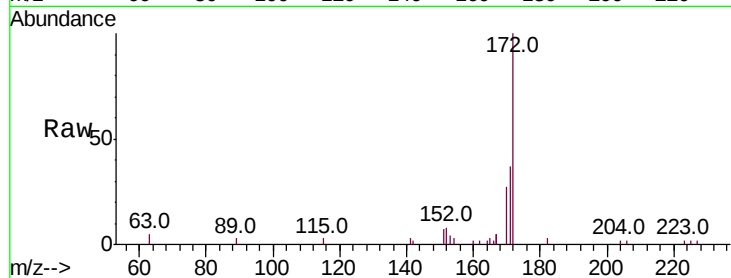
Tot Ion:172 Resp: 5309

Ion Ratio Lower Upper

172 100

171 37.2 28.7 43.1

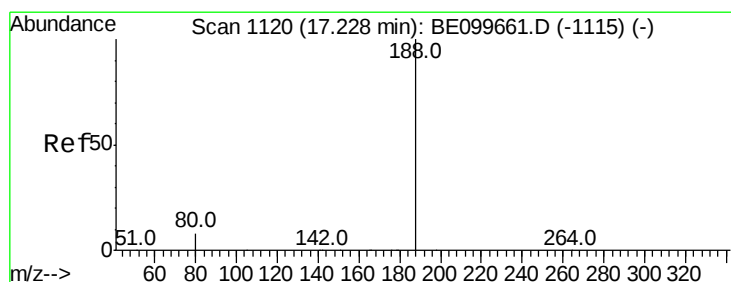
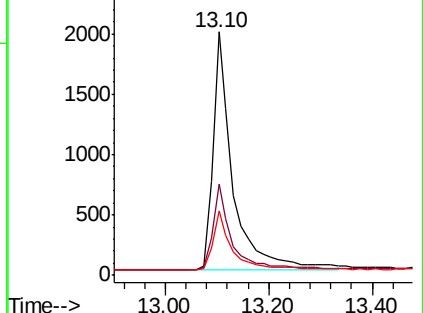
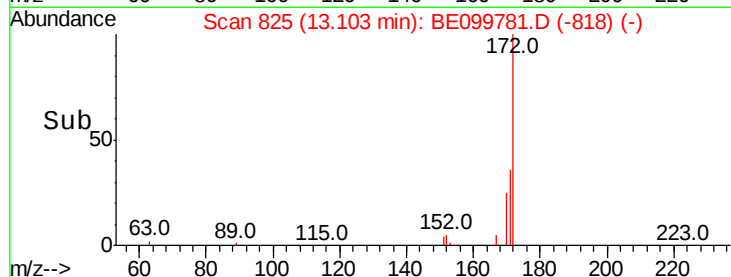
170 26.7 20.9 31.3



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: BE099781.D

Acq: 29 May 2019 17:59

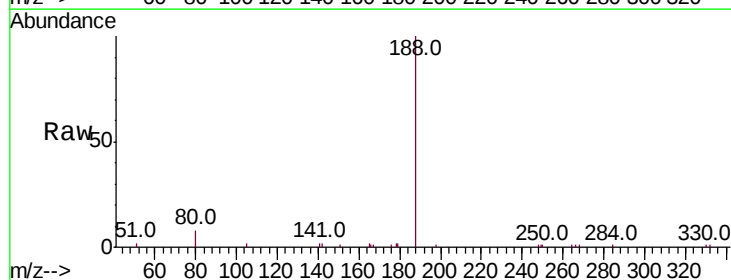
Tgt Ion:188 Resp: 8206

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

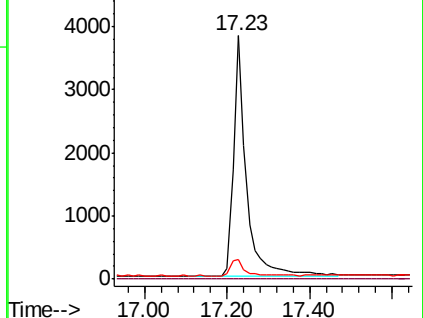
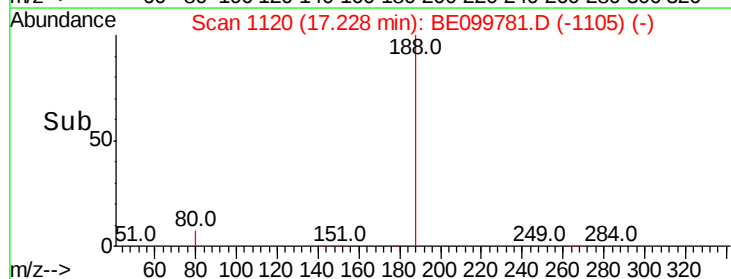
80 8.0 6.7 10.1

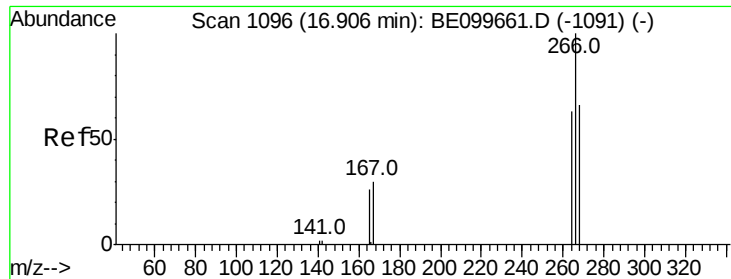


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.205 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099781.D

Acq: 29 May 2019 17:59

Instrument :

BNA_E

ClientSampleId :

SP4744

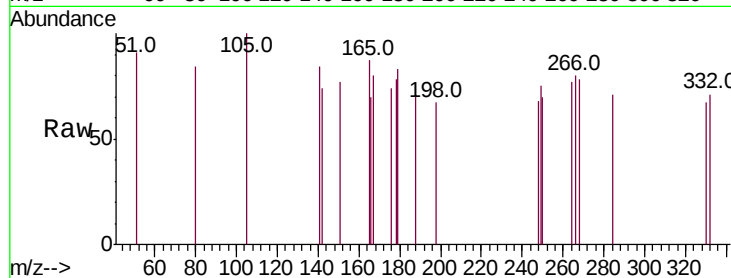
Tot Ion:266 Resp: 35

Ion Ratio Lower Upper

266 100

264 96.4 57.2 85.8#

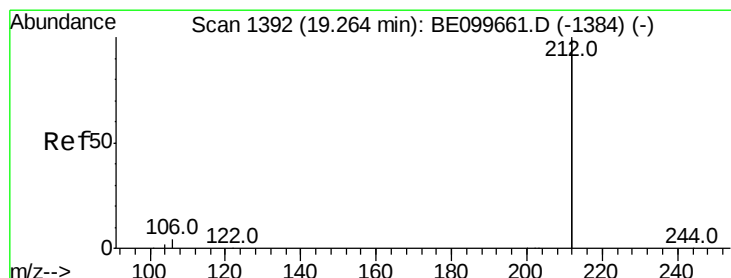
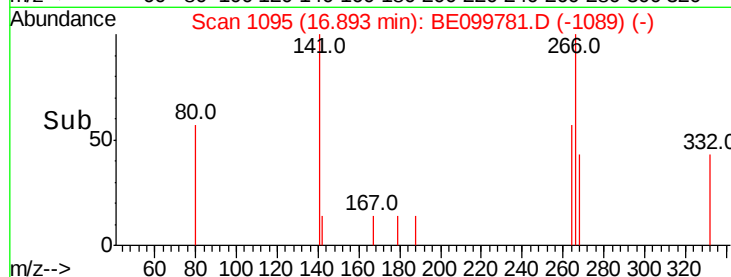
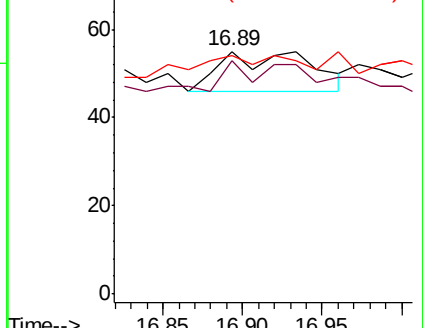
268 98.2 60.5 90.7#



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: 0.474 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BE099781.D

Acq: 29 May 2019 17:59

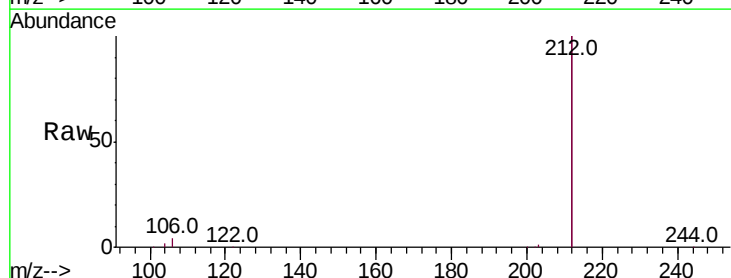
Tgt Ion:212 Resp: 53152

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

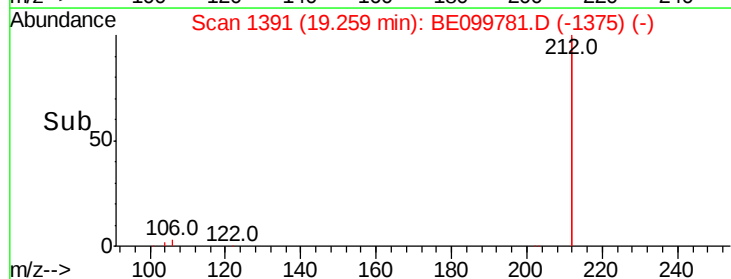
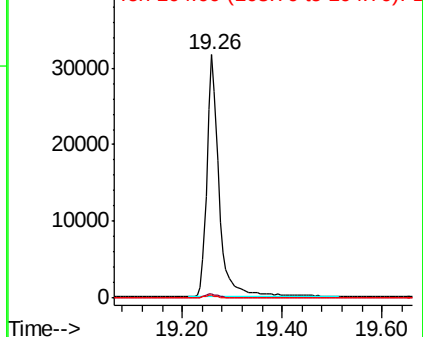
104 1.1 0.8 1.2

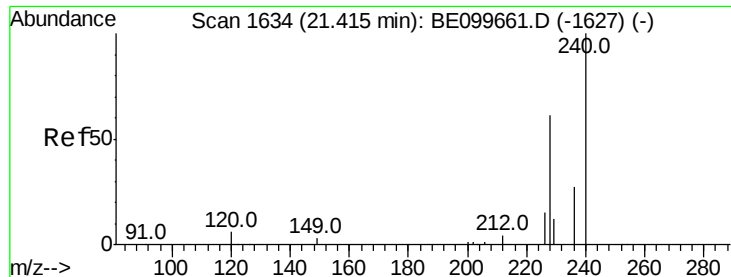


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

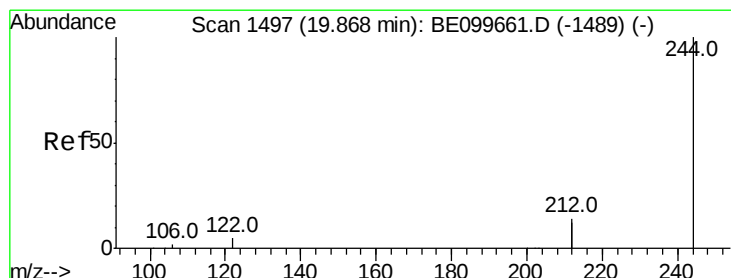
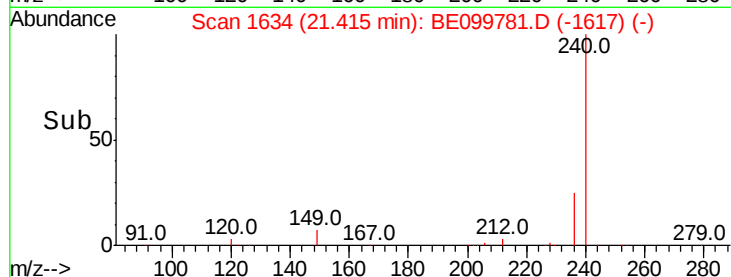
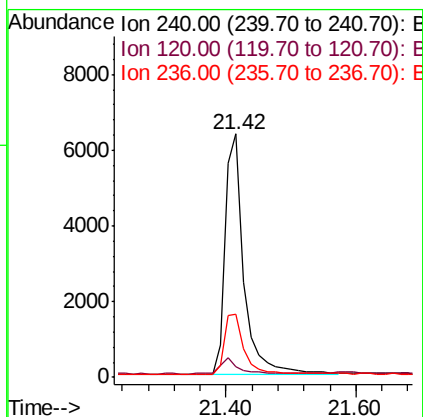
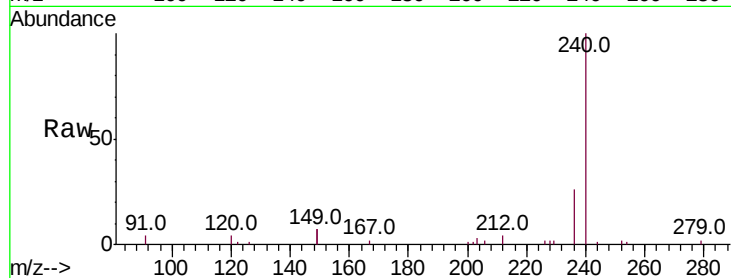




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099781.D
 Acq: 29 May 2019 17:59

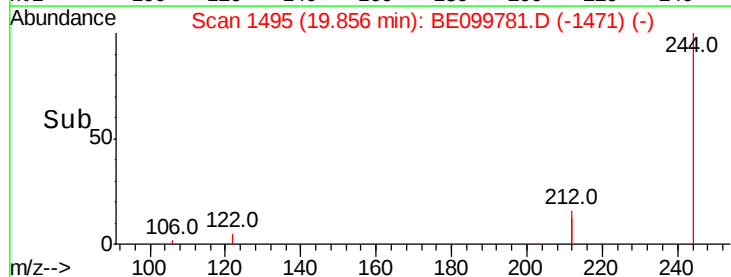
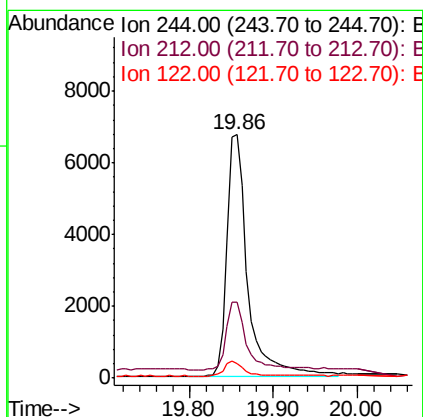
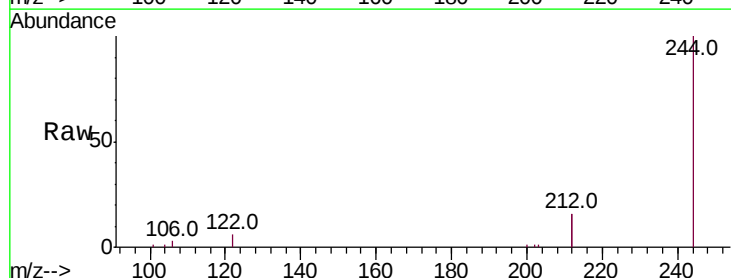
Instrument :
 BNA_E
 ClientSampleId :
 SP4744

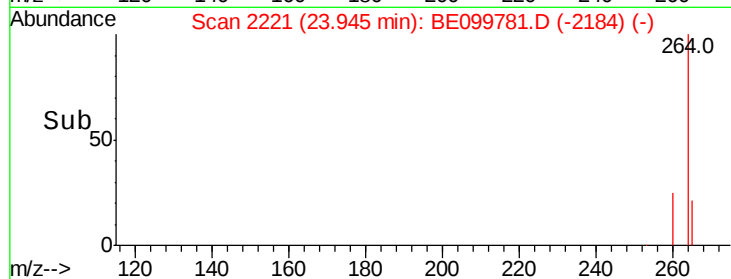
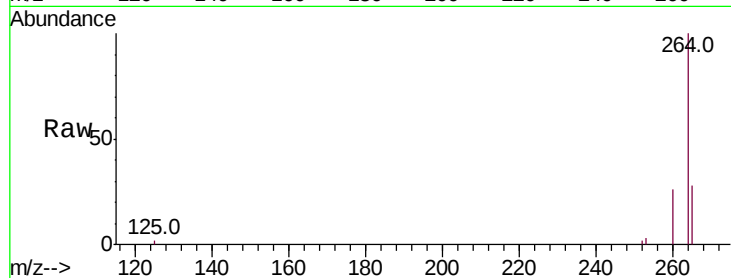
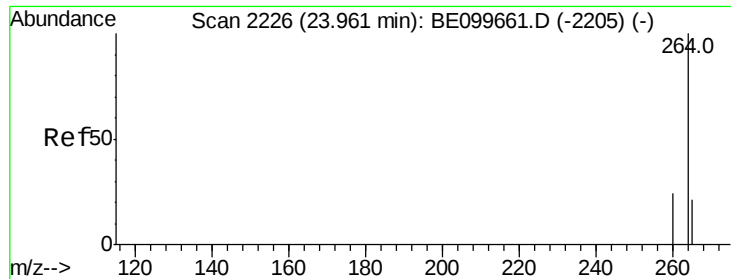
Tot Ion:240 Resp: 12993
 Ion Ratio Lower Upper
 240 100
 120 4.5 5.4 8.0#
 236 26.2 21.7 32.5



#29
 Terphenyl-d14
 Concen: 0.500 ng
 RT: 19.86 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BE099781.D
 Acq: 29 May 2019 17:59

Tgt Ion:244 Resp: 11592
 Ion Ratio Lower Upper
 244 100
 212 31.2 22.5 33.7
 122 6.1 4.3 6.5





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BE099781.D

Acq: 29 May 2019 17:59

Instrument :

BNA_E

ClientSampleId :

SP4744

Tot Ion:264 Resp: 16384

Ion Ratio Lower Upper

264 100

260 25.6 19.6 29.4

265 27.6 19.1 28.7

