

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
 Data File : BE099690.D
 Acq On : 21 May 2019 15:42
 Operator : JU/SJ
 Sample : SP4743
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SP4743

Quant Time: May 21 16:22:37 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

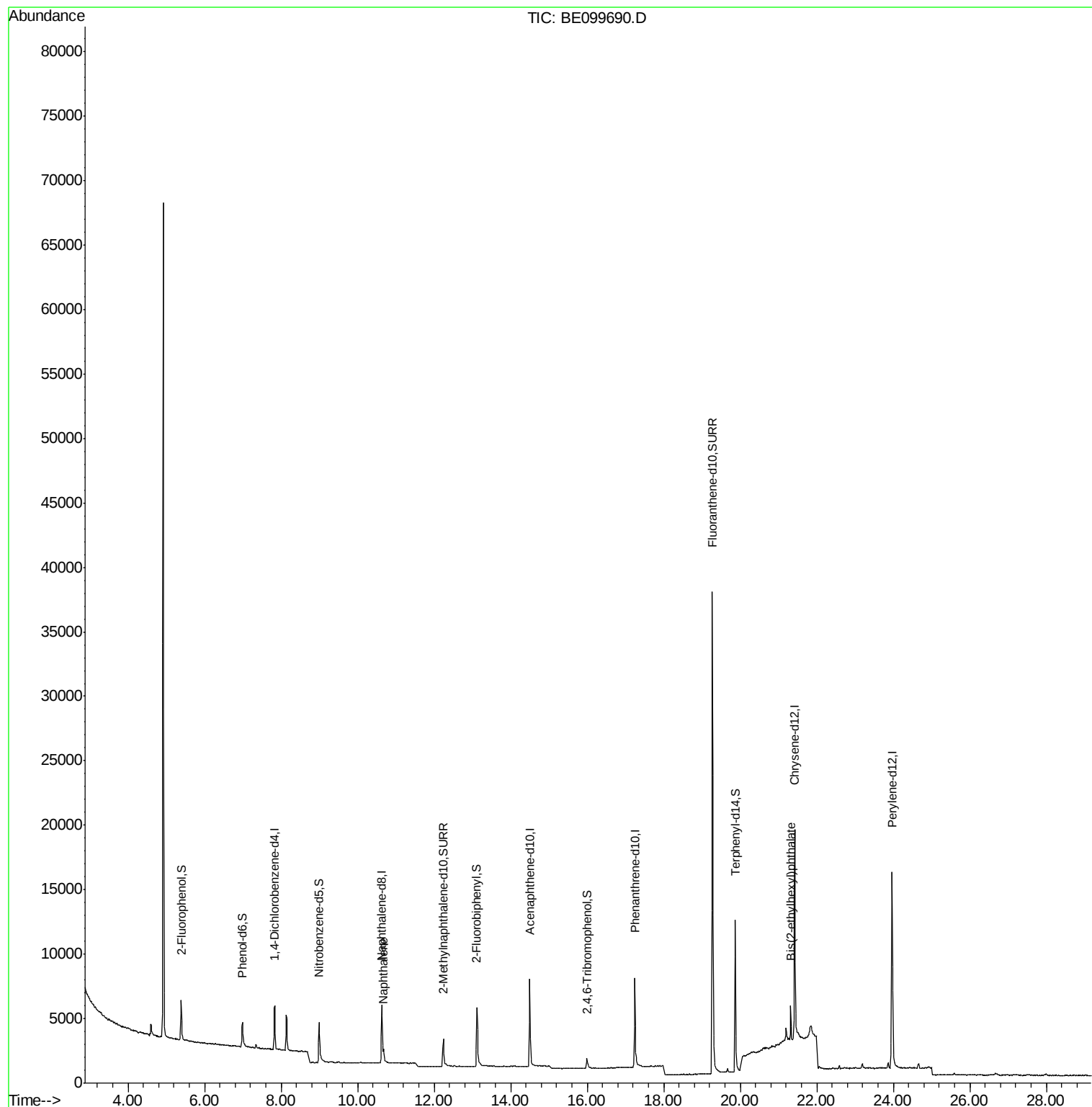
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2055	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	6952	0.40	ng	0.01
13) Acenaphthene-d10	14.50	164	4633	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	12534	0.40	ng	0.01
27) Chrysene-d12	21.43	240	20812	0.40	ng	0.01
34) Perylene-d12	23.97	264	24579	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2027	0.39	ng	0.01
5) Phenol-d6	6.99	99	2660	0.39	ng	0.01
8) Nitrobenzene-d5	8.99	82	1863	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	3926	0.33	ng	0.01
14) 2,4,6-Tribromophenol	16.00	330	844	0.37	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	5882	0.33	ng	0.01
25) Fluoranthene-d10	19.27	212	59836	0.35	ng	0.00
29) Terphenyl-d14	19.87	244	13260	0.36	ng	0.00
Target Compounds						
9) Naphthalene	10.68	128	1626	0.022	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.32	149	2858	0.042	ng	# 99

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

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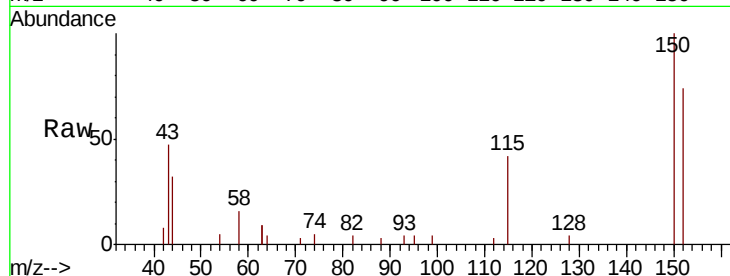


#1

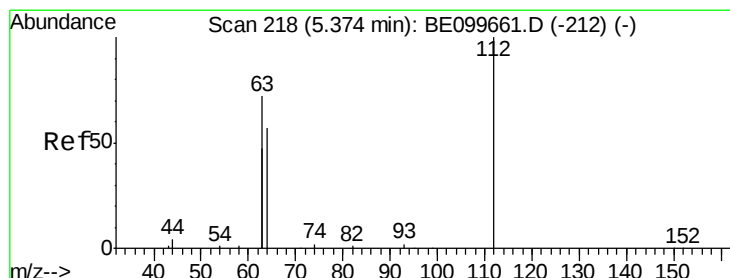
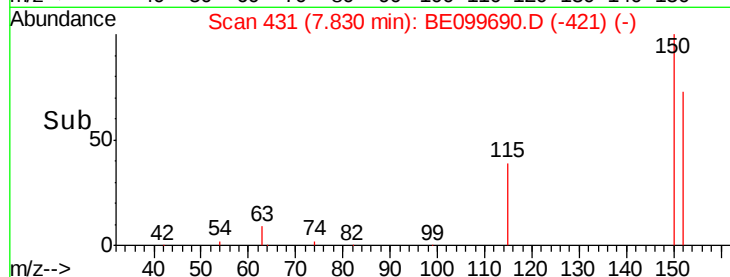
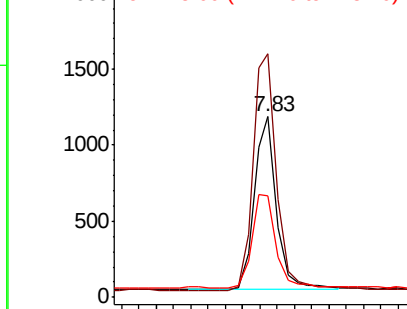
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099690.D
Acq: 21 May 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SP4743

Tot Ion:152 Resp: 2055
Ion Ratio Lower Upper
152 100
150 134.8 109.2 163.8
115 56.0 43.7 65.5



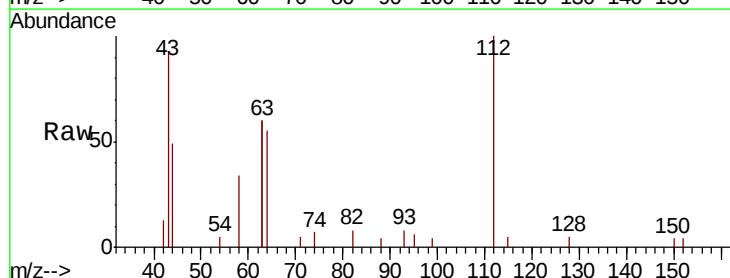
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



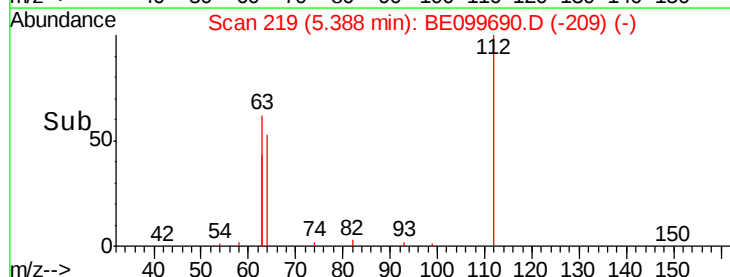
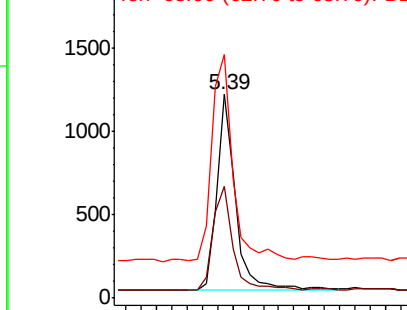
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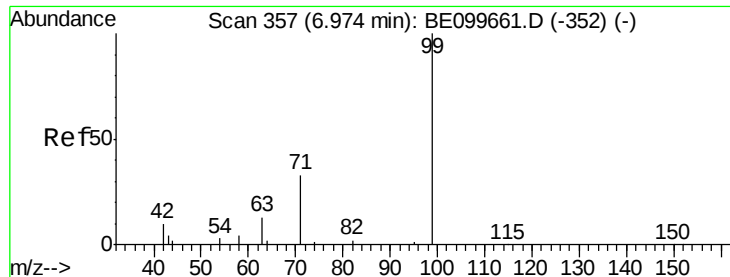
2-Fluorophenol
Concen: 0.390 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.01 min
Lab File: BE099690.D
Acq: 21 May 2019 15:42

Tgt Ion:112 Resp: 2027
Ion Ratio Lower Upper
112 100
64 55.7 43.4 65.2
63 119.8 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: 0.387 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099690.D

Acq: 21 May 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SP4743

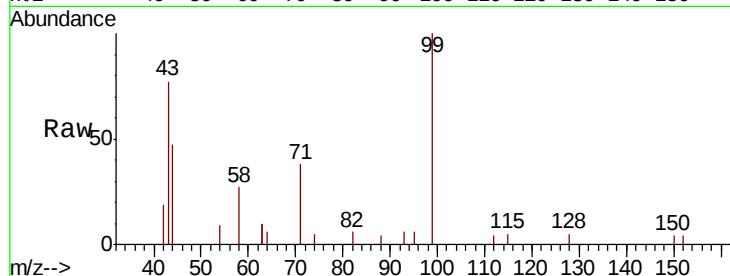
Tot Ion: 99 Resp: 2660

Ion Ratio Lower Upper

99 100

42 14.2 12.2 18.2

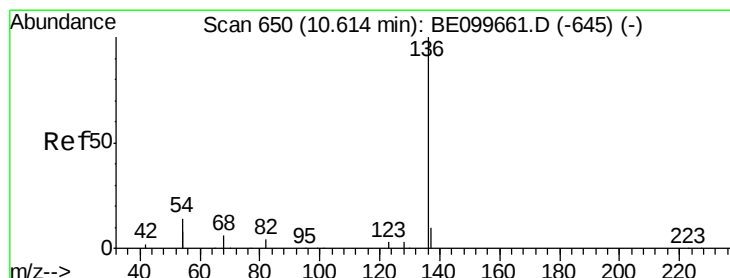
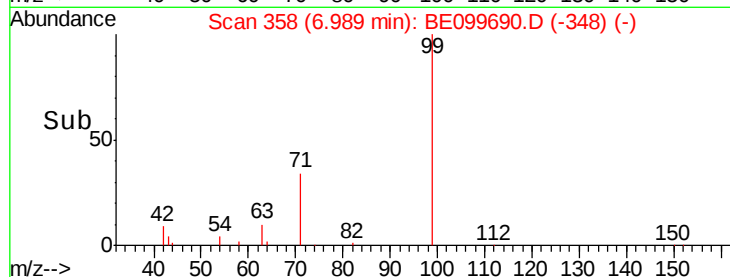
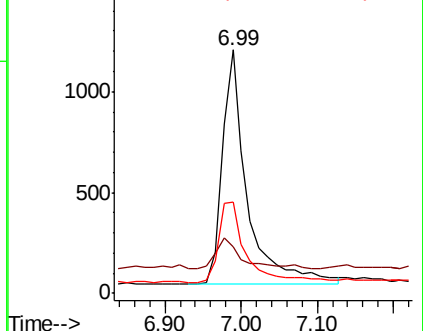
71 37.6 28.9 43.3



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: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099690.D

Acq: 21 May 2019 15:42

Tgt Ion: 136 Resp: 6952

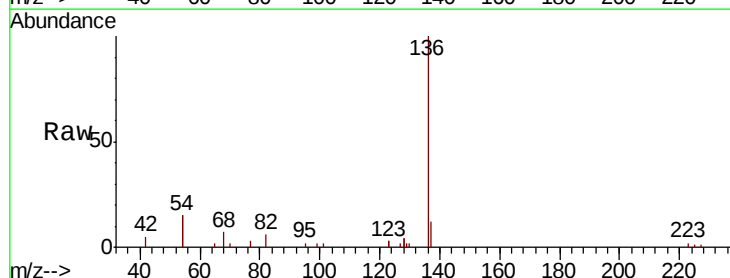
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 30.9 22.3 33.5

68 7.4 6.0 9.0

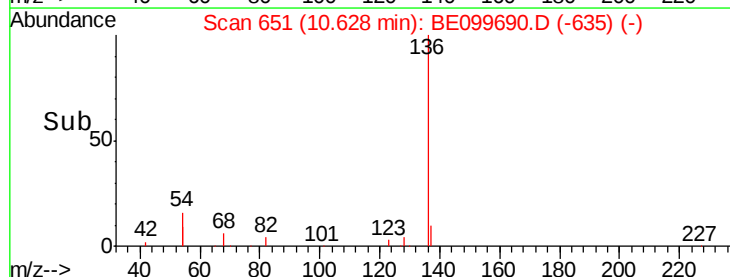
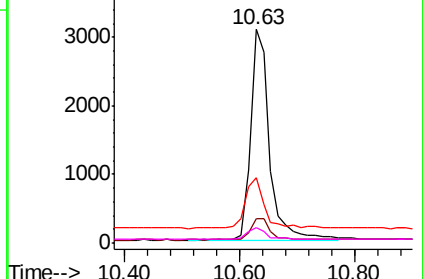


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.310 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099690.D

Acq: 21 May 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SP4743

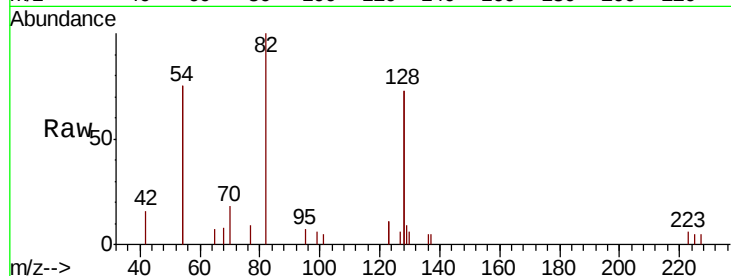
Tot Ion: 82 Resp: 1863

Ion Ratio Lower Upper

82 100

128 146.3 117.7 176.5

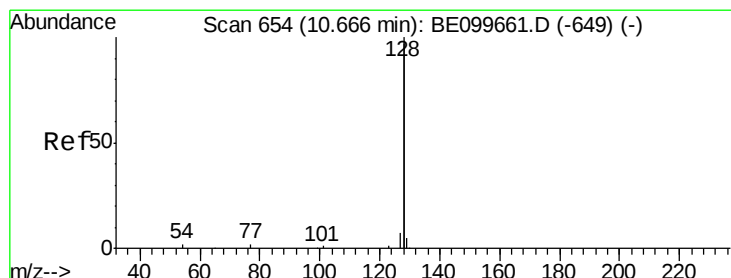
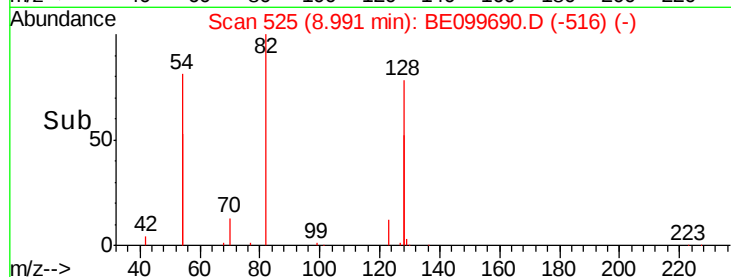
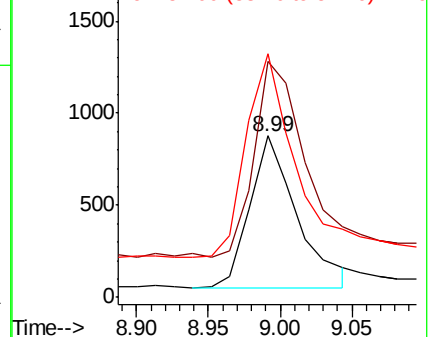
54 150.9 106.6 160.0



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



#9

Naphthalene

Concen: 0.022 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE099690.D

Acq: 21 May 2019 15:42

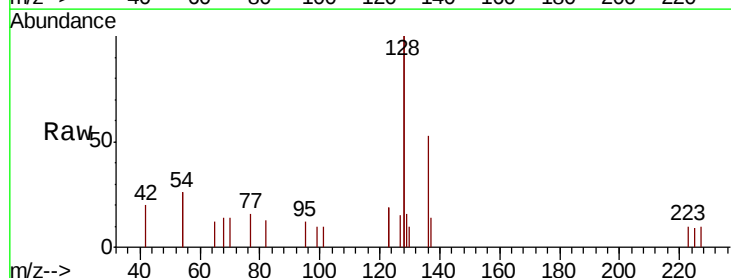
Tgt Ion:128 Resp: 1626

Ion Ratio Lower Upper

128 100

129 8.1 2.4 3.6#

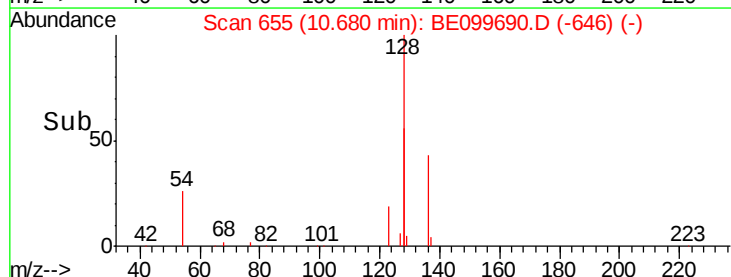
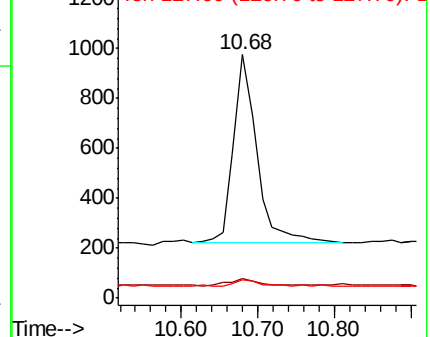
127 7.6 2.9 4.3#

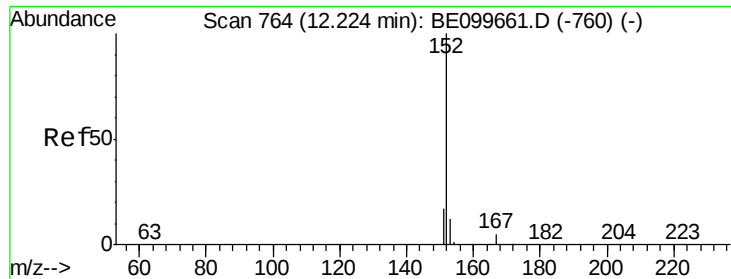


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

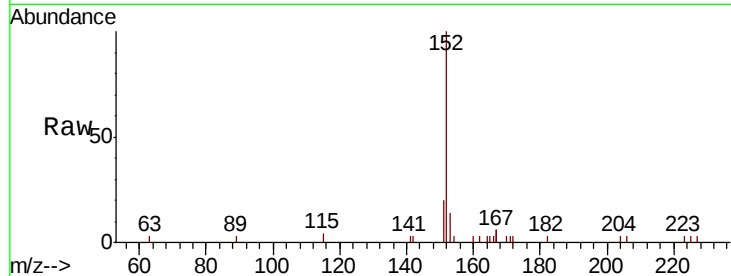




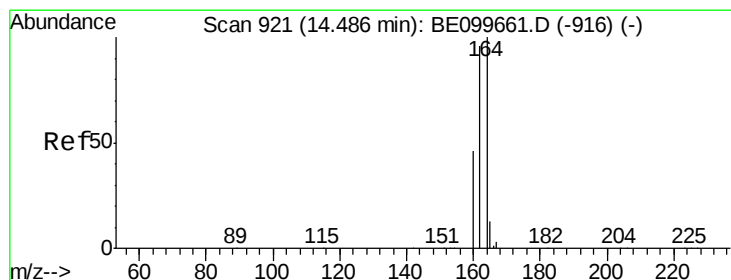
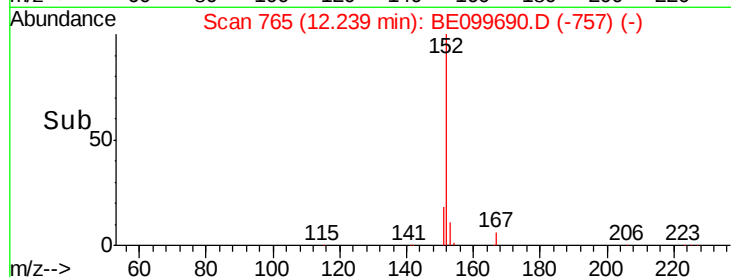
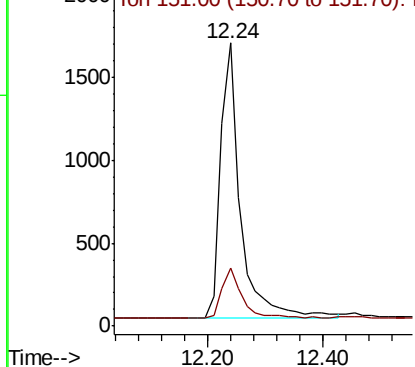
#11
 2-Methylnaphthalene-d10
 Concen: 0.327 ng
 RT: 12.24 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BE099690.D
 Acq: 21 May 2019 15:42

Instrument :
 BNA_E
 ClientSampleId :
 SP4743

Tot Ion:152 Resp: 3926
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.0 22.4

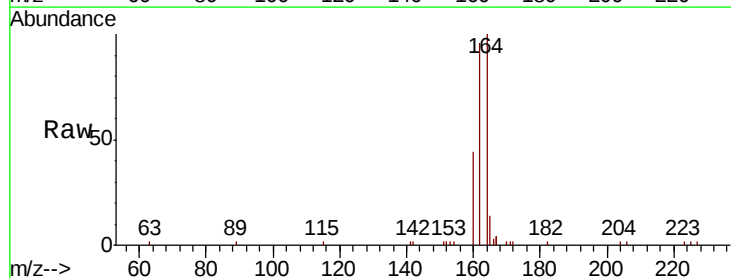


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

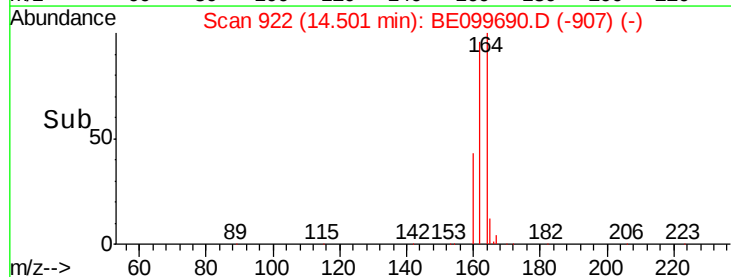
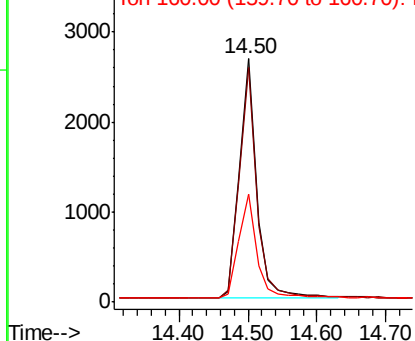


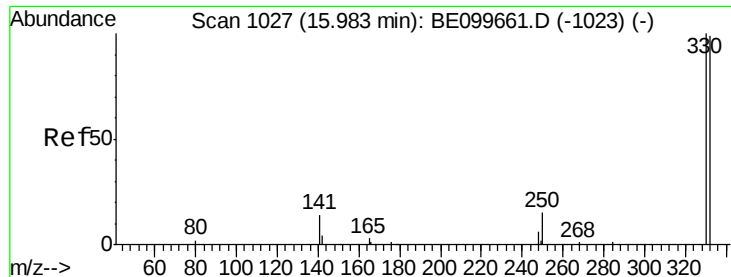
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: BE099690.D
 Acq: 21 May 2019 15:42

Tgt Ion:164 Resp: 4633
 Ion Ratio Lower Upper
 164 100
 162 96.3 76.5 114.7
 160 44.4 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

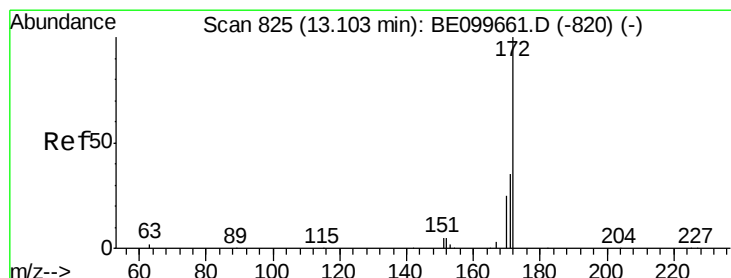
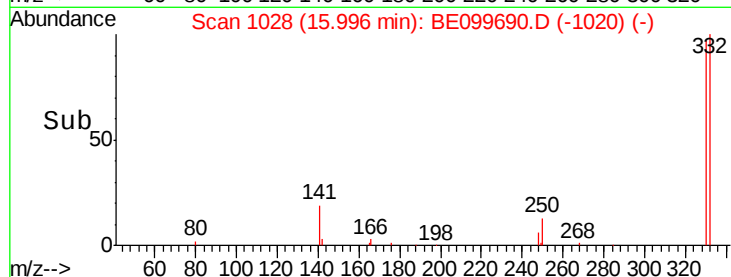
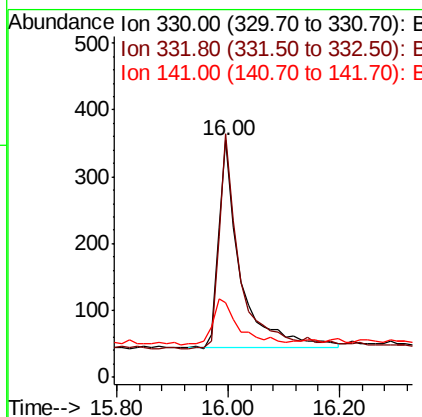
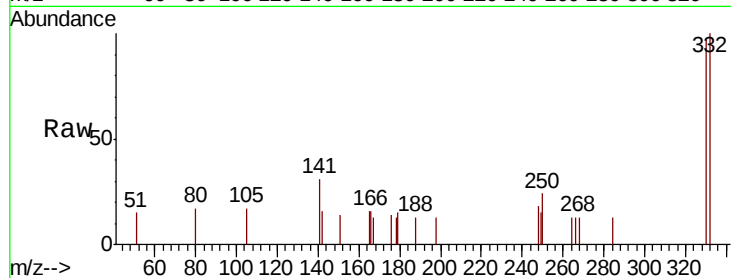




#14
 2,4,6-Tribromophenol
 Concen: 0.372 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE099690.D
 Acq: 21 May 2019 15:42

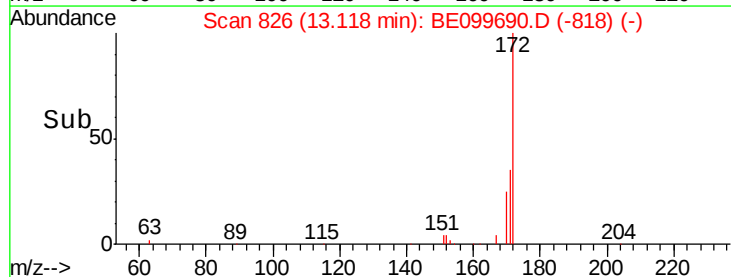
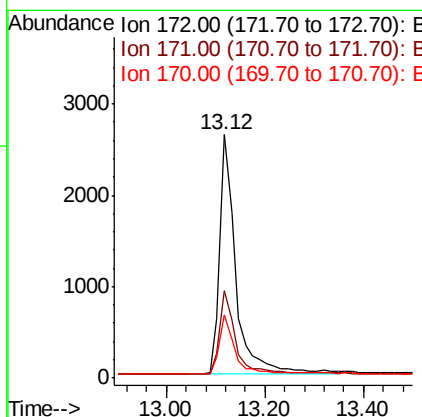
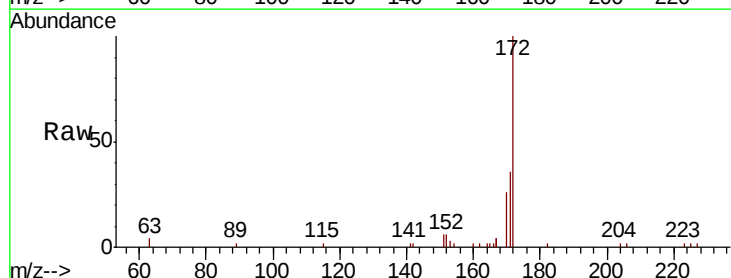
Instrument :
 BNA_E
 ClientSampleId :
 SP4743

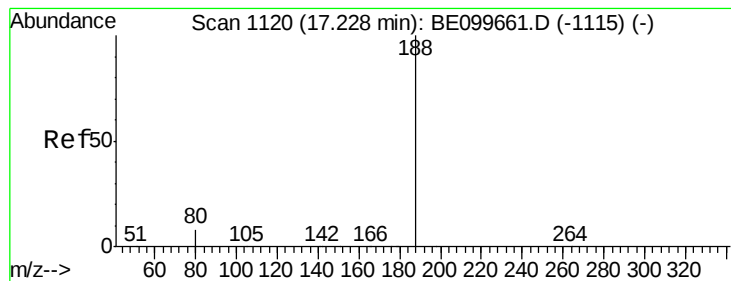
Tot Ion:330 Resp: 844
 Ion Ratio Lower Upper
 330 100
 332 105.0 77.3 115.9
 141 24.1 18.9 28.3



#15
 2-Fluorobiphenyl
 Concen: 0.335 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BE099690.D
 Acq: 21 May 2019 15:42

Tgt Ion:172 Resp: 5882
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.7 43.1
 170 26.1 20.9 31.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099690.D

Acq: 21 May 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SP4743

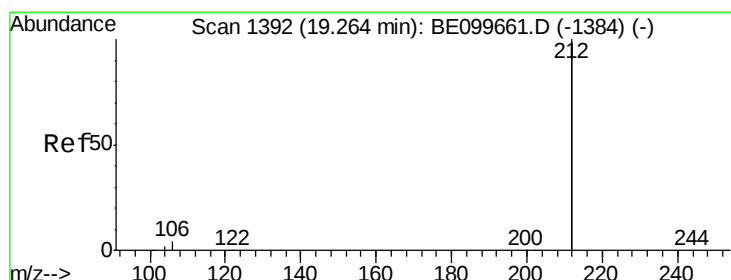
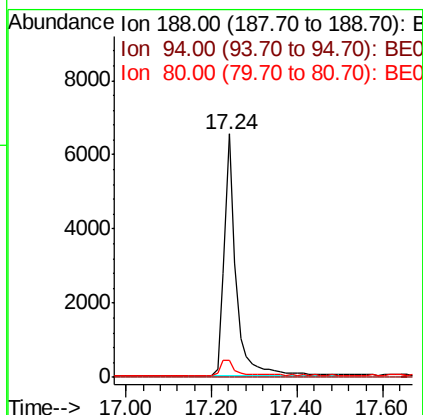
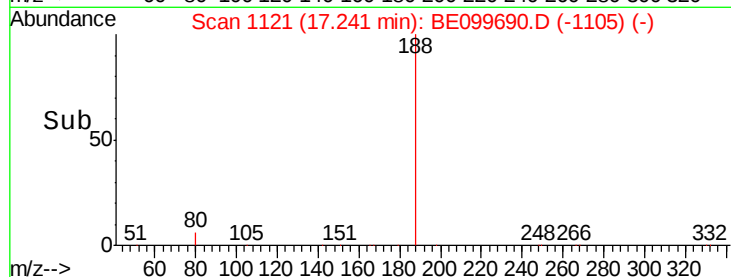
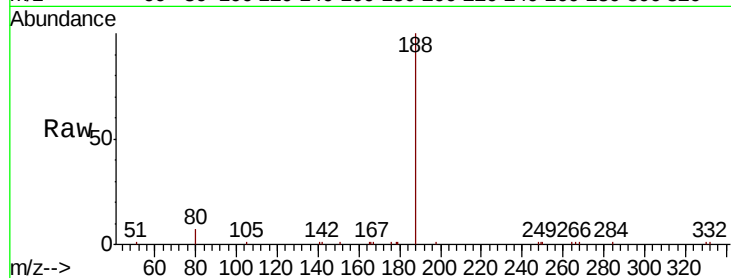
Tot Ion:188 Resp: 12534

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.9 6.7 10.1



#25

Fluoranthene-d10

Concen: 0.349 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BE099690.D

Acq: 21 May 2019 15:42

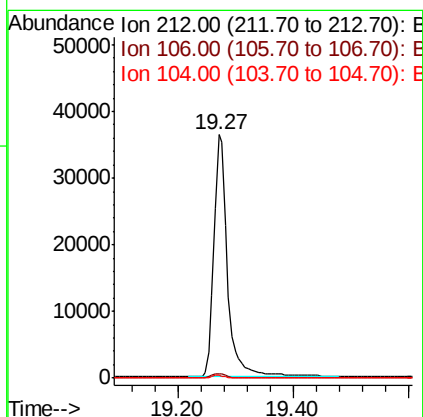
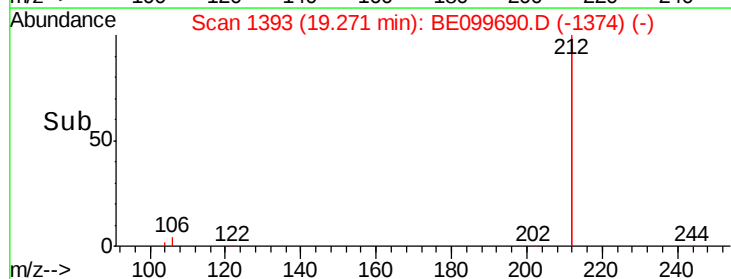
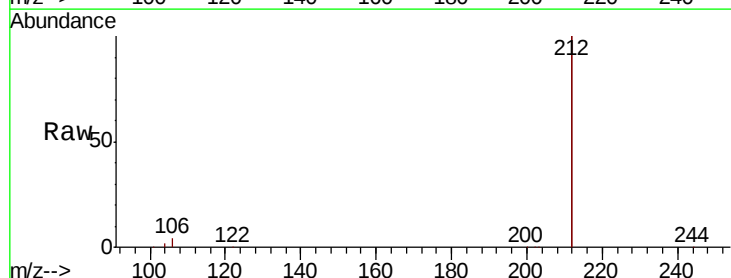
Tgt Ion:212 Resp: 59836

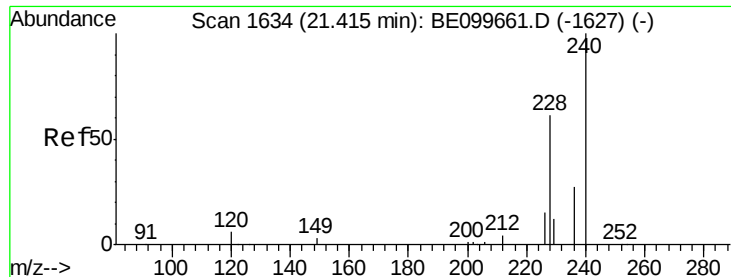
Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

104 1.0 0.8 1.2

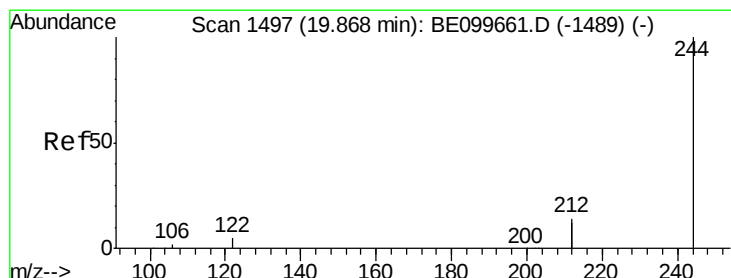
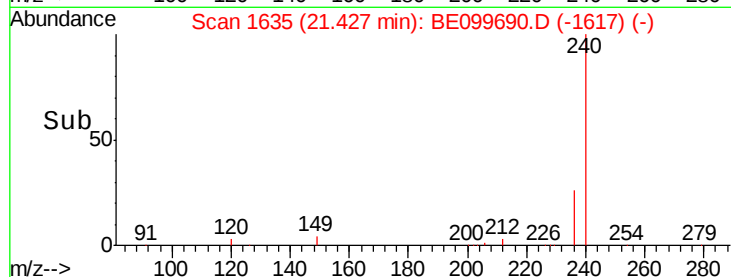
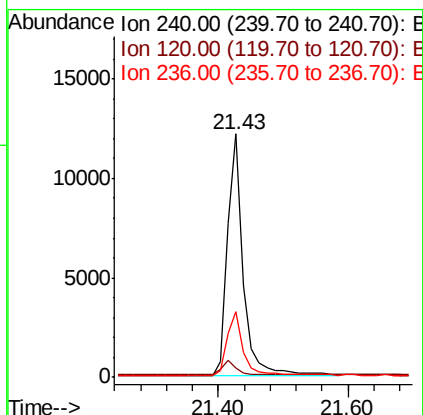
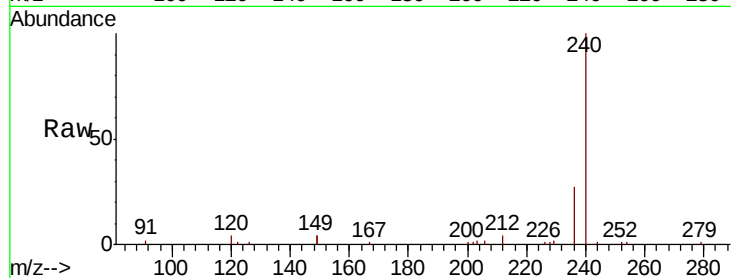




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1635
 Delta R.T. 0.01 min
 Lab File: BE099690.D
 Acq: 21 May 2019 15:42

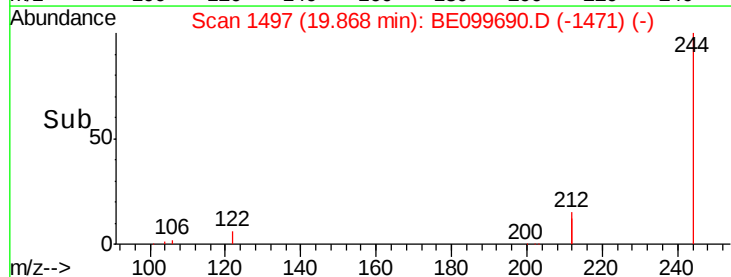
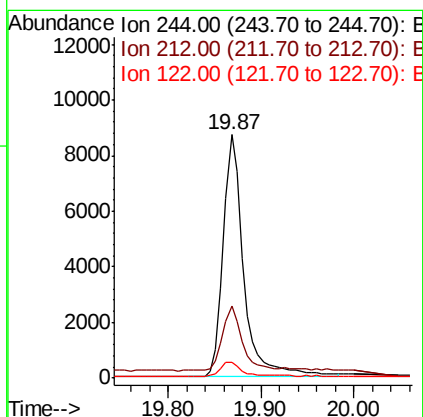
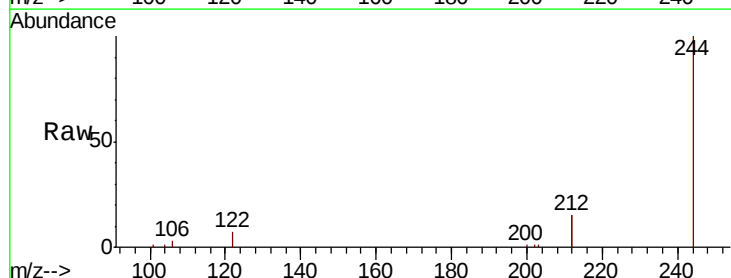
Instrument :
 BNA_E
 ClientSampleId :
 SP4743

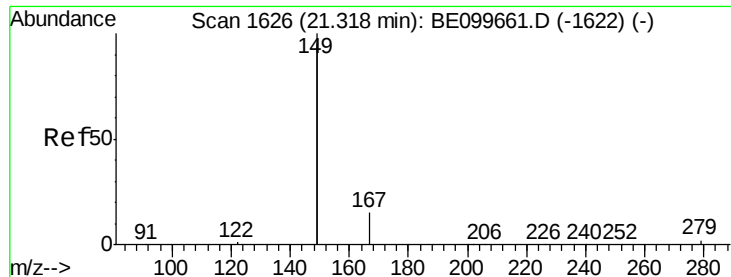
Tot Ion:240 Resp: 20812
 Ion Ratio Lower Upper
 240 100
 120 4.0 5.4 8.0#
 236 26.8 21.7 32.5



#29
 Terphenyl-d14
 Concen: 0.357 ng
 RT: 19.87 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BE099690.D
 Acq: 21 May 2019 15:42

Tgt Ion:244 Resp: 13260
 Ion Ratio Lower Upper
 244 100
 212 29.7 22.5 33.7
 122 6.7 4.3 6.5#

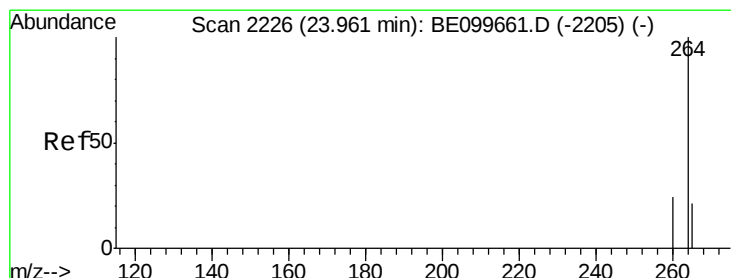
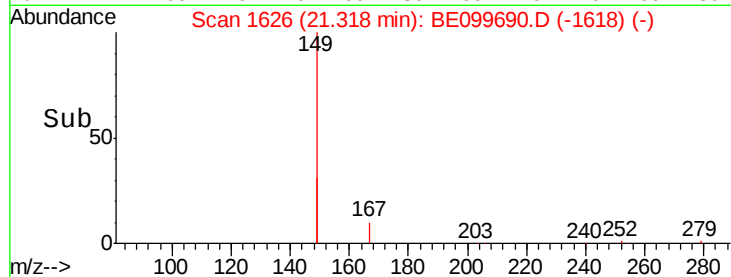
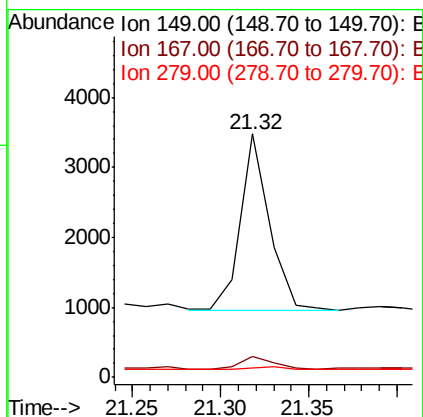
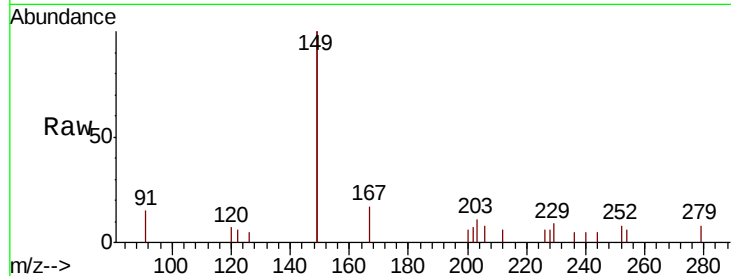




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.042 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BE099690.D
 Acq: 21 May 2019 15:42

Instrument :
 BNA_E
 ClientSampleId :
 SP4743

Tot Ion:149 Resp: 2858
 Ion Ratio Lower Upper
 149 100
 167 7.8 6.2 9.4
 279 2.7 1.2 1.8#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.97 min Scan# 2227
 Delta R.T. 0.01 min
 Lab File: BE099690.D
 Acq: 21 May 2019 15:42

Tgt Ion:264 Resp: 24579
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 24.5 19.1 28.7

