

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042919\
 Data File : BE099413.D
 Acq On : 29 Apr 2019 17:54
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 29 18:28:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 16:46:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2100	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	8505	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6690	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	19513	0.40	ng	0.00
27) Chrysene-d12	21.37	240	29355	0.40	ng	0.00
34) Perylene-d12	23.87	264	30121	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	29946	5.84	ng	0.00
5) Phenol-d6	6.97	99	42626	5.82	ng	0.00
8) Nitrobenzene-d5	8.96	82	42972	6.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	79543	5.30	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	24202	10.89	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	125296	4.76	ng	0.00
25) Fluoranthene-d10	19.22	212	1361339	5.81	ng	0.00
29) Terphenyl-d14	19.82	244	279943	4.85	ng	0.00

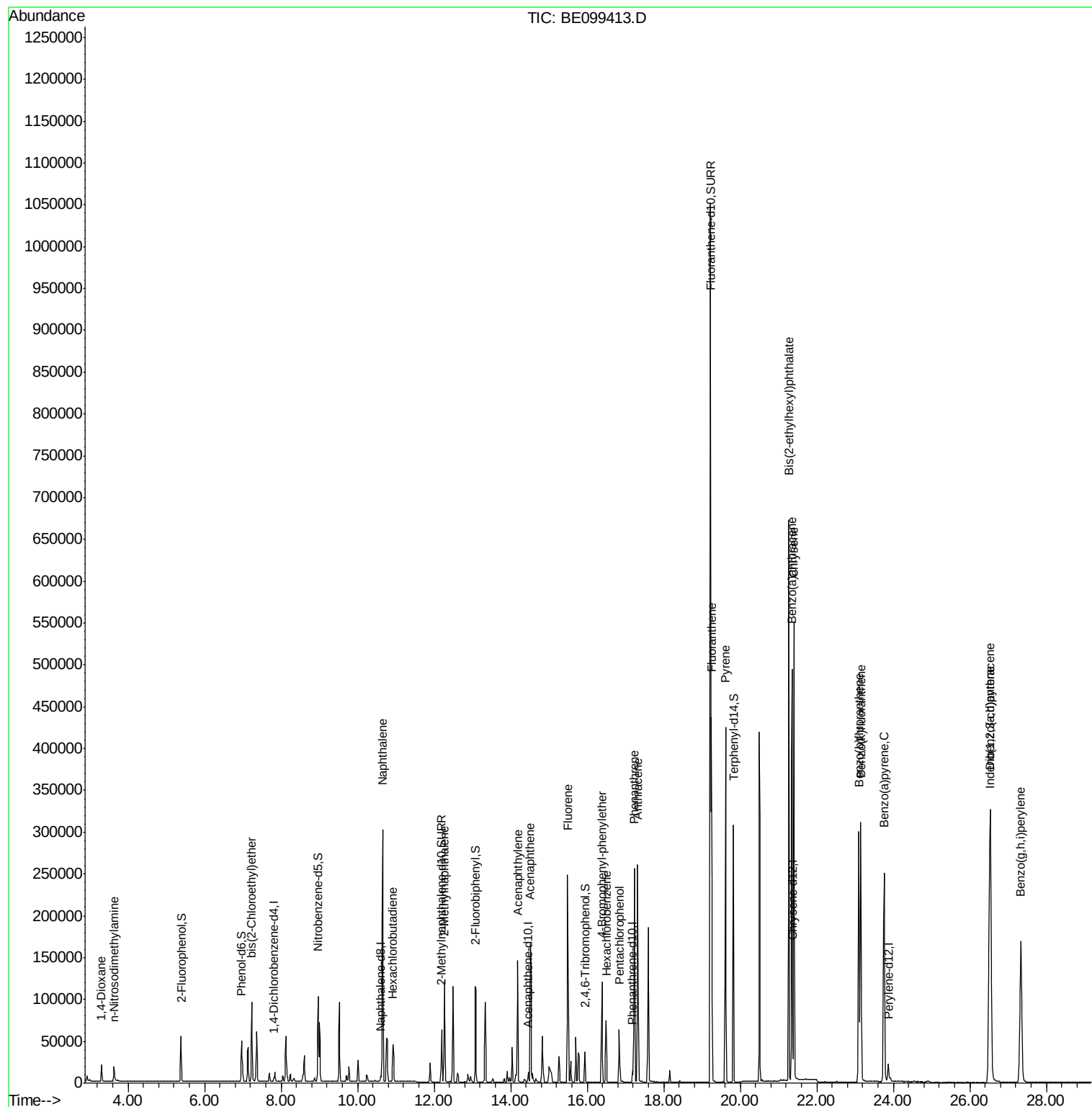
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	13879	4.721	ng	95
3) n-Nitrosodimethylamine	3.63	42	10414	6.583	ng	# 94
6) bis(2-Chloroethyl)ether	7.23	93	35422	5.185	ng	99
9) Naphthalene	10.65	128	466811	5.031	ng	99
10) Hexachlorobutadiene	10.93	225	31461	5.341	ng	99
12) 2-Methylnaphthalene	12.27	142	83853	5.311	ng	97
16) Acenaphthylene	14.18	152	173443	5.736	ng	99
17) Acenaphthene	14.51	154	96227	5.164	ng	97
18) Fluorene	15.49	166	139671	5.217	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	59461	5.499	ng	93
21) Hexachlorobenzene	16.49	284	57356	5.520	ng	99
22) Pentachlorophenol	16.84	266	32070	11.448	ng	100
23) Phenanthrene	17.23	178	261597	5.063	ng	99
24) Anthracene	17.32	178	256655	5.584	ng	99
26) Fluoranthene	19.25	202	391497	5.661	ng	100
28) Pyrene	19.62	202	402000	4.648	ng	99
30) Benzo(a)anthracene	21.35	228	467961	5.423	ng	99
31) Chrysene	21.40	228	450576	4.906	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	665266	8.472	ng	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	541416	5.970	ng	99
35) Benzo(b)fluoranthene	23.10	252	448663	4.865	ng	# 98
36) Benzo(k)fluoranthene	23.15	252	434032	4.721	ng	97
37) Benzo(a)pyrene	23.76	252	423688	5.128	ng	# 96
38) Dibenzo(a,h)anthracene	26.54	278	445720	5.281	ng	97
39) Benzo(g,h,i)perylene	27.33	276	439479	5.133	ng	98

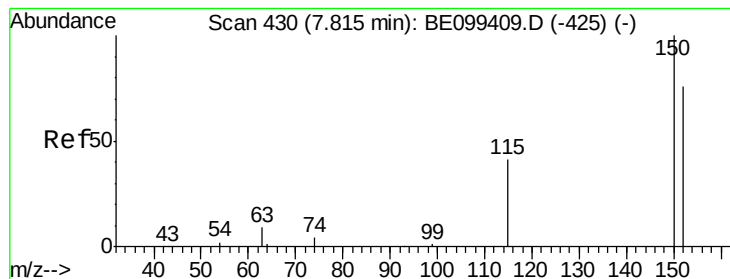
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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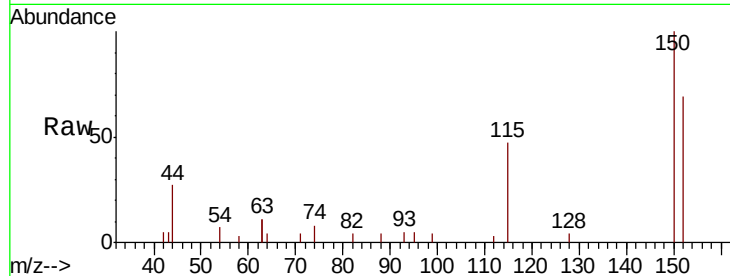


#1

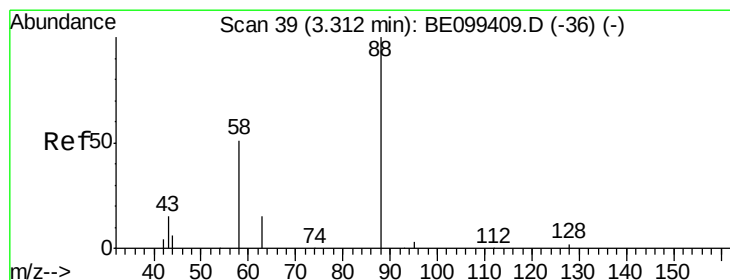
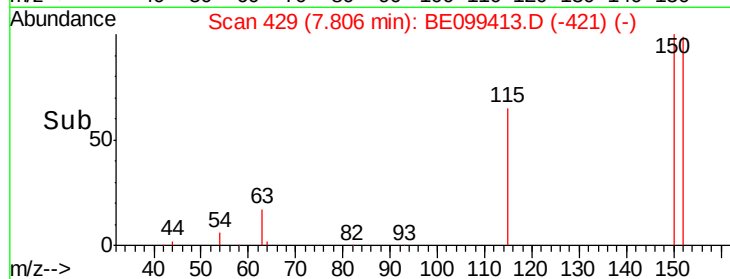
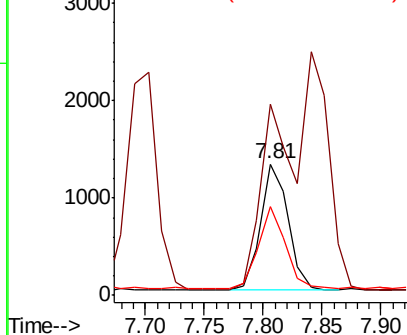
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099413.D
Acq: 29 Apr 2019 17:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2100
Ion Ratio Lower Upper
152 100
150 145.1 104.8 157.2
115 68.0 46.6 69.8



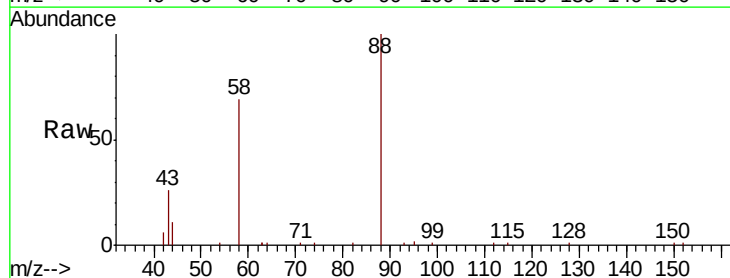
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



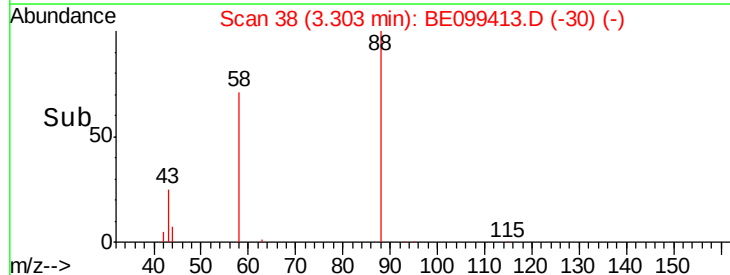
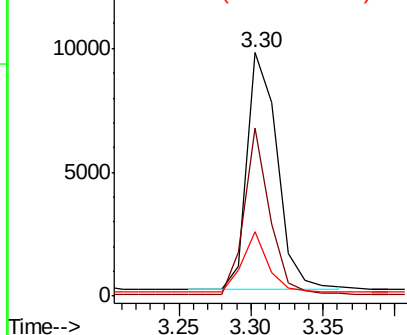
#2

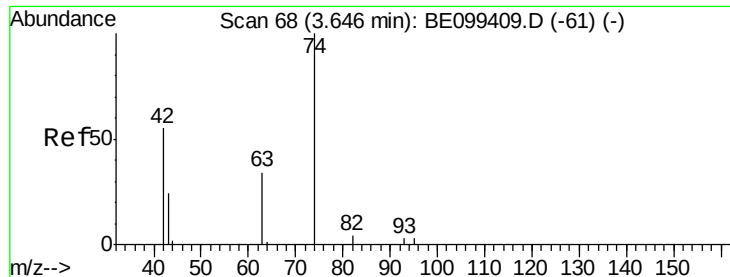
1,4-Dioxane
Concen: 4.721 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE099413.D
Acq: 29 Apr 2019 17:54

Tgt Ion: 88 Resp: 13879
Ion Ratio Lower Upper
88 100
58 60.1 51.0 76.6
43 22.4 20.6 30.8



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



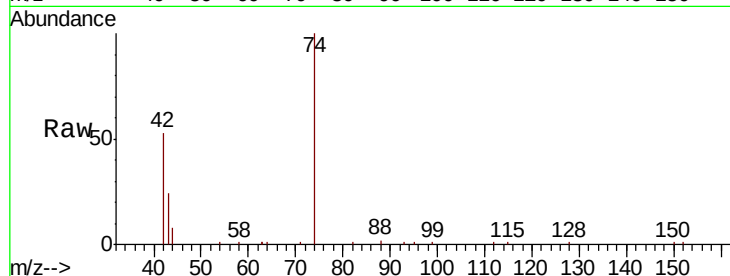


#3

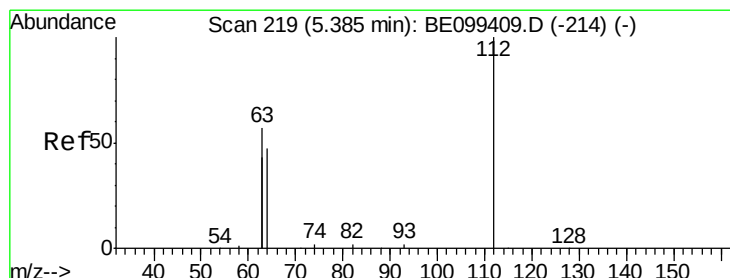
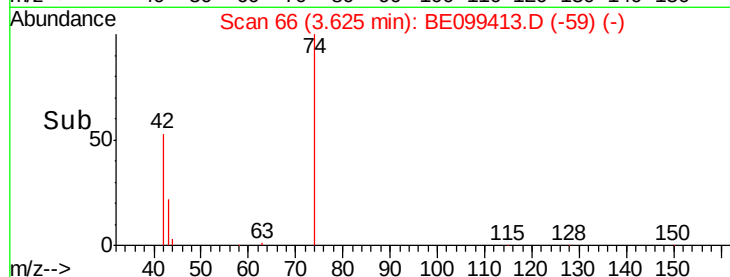
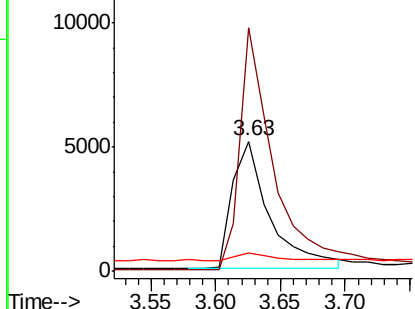
n-Nitrosodimethylamine
 Concen: 6.583 ng
 RT: 3.63 min Scan# 66
 Delta R.T. -0.02 min
 Lab File: BE099413.D
 Acq: 29 Apr 2019 17:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 10414
 Ion Ratio Lower Upper
 42 100
 74 169.0 141.6 212.4
 44 6.4 0.0 0.0#



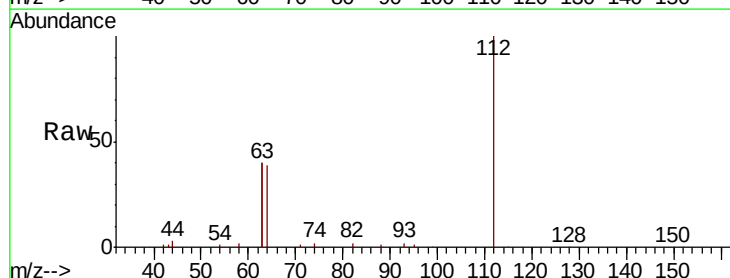
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



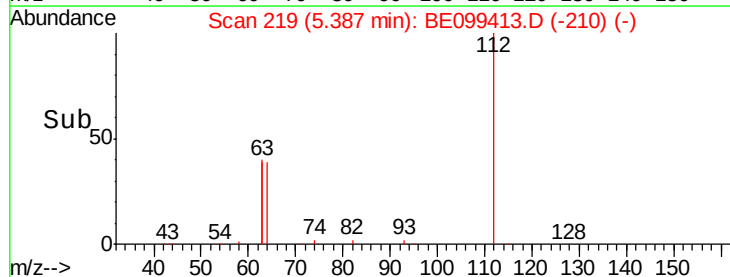
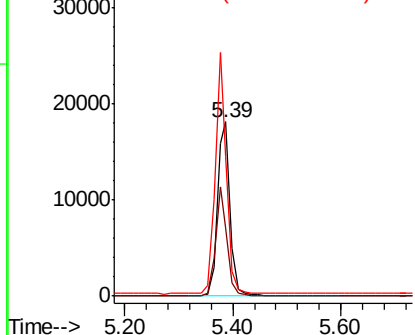
#4

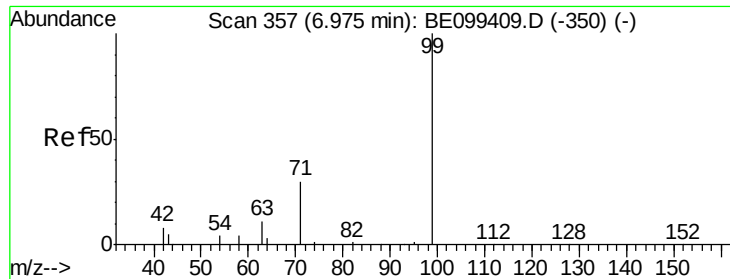
2-Fluorophenol
 Concen: 5.836 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE099413.D
 Acq: 29 Apr 2019 17:54

Tgt Ion: 112 Resp: 29946
 Ion Ratio Lower Upper
 112 100
 64 56.2 47.4 71.0
 63 123.0 104.3 156.5



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: 5.821 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

Instrument :

BNA_E

ClientSampleId :

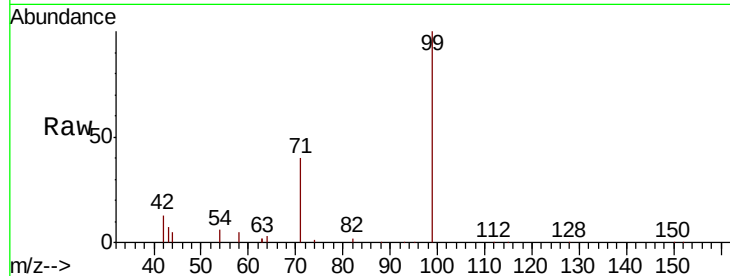
Tot Ion: 99 Resp: 42626

Ion Ratio Lower Upper

99 100

42 15.1 14.9 22.3

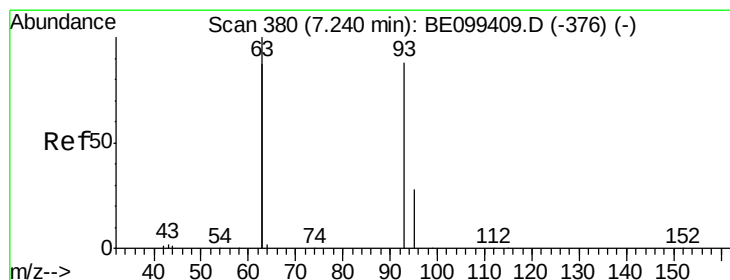
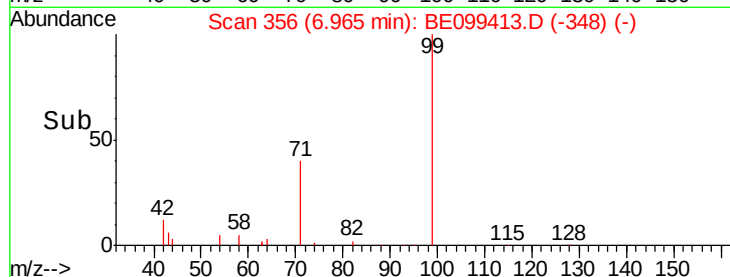
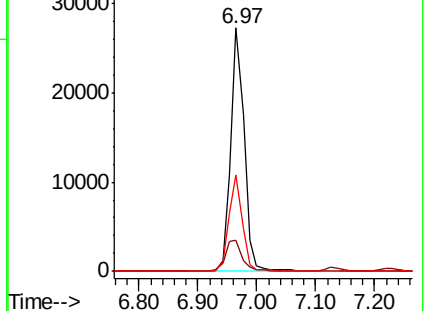
71 39.4 33.0 49.6



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

bis(2-Chloroethyl)ether

Concen: 5.185 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

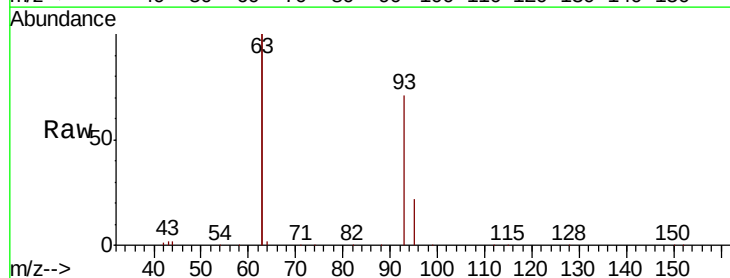
Tgt Ion: 93 Resp: 35422

Ion Ratio Lower Upper

93 100

63 270.6 215.6 323.4

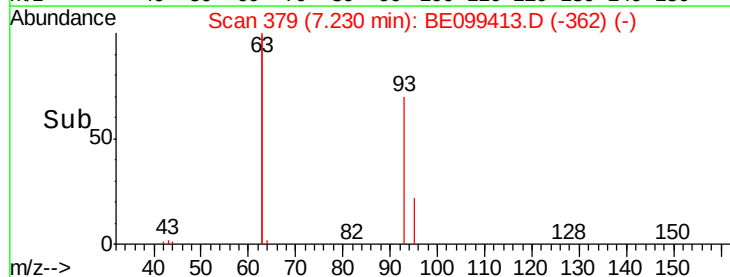
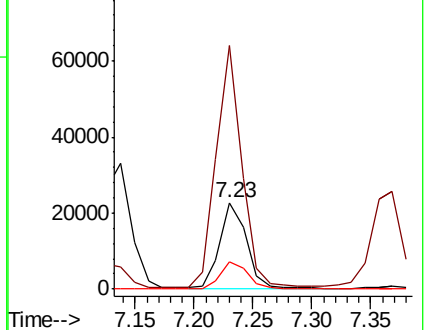
95 32.3 26.2 39.2

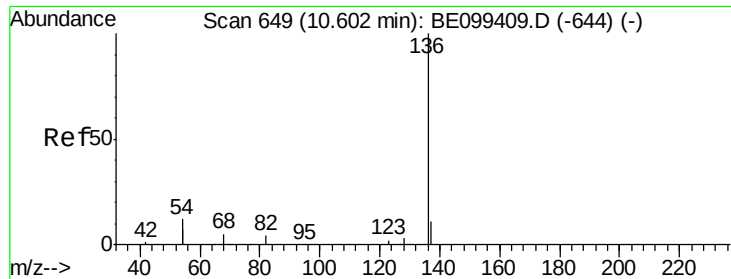


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 8505

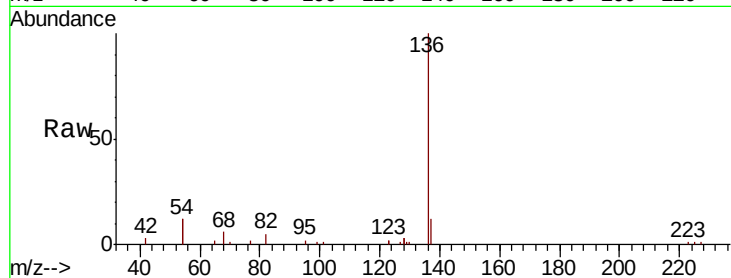
Ion Ratio Lower Upper

136 100

137 12.2 9.8 14.8

54 24.0 18.5 27.7

68 6.4 4.7 7.1

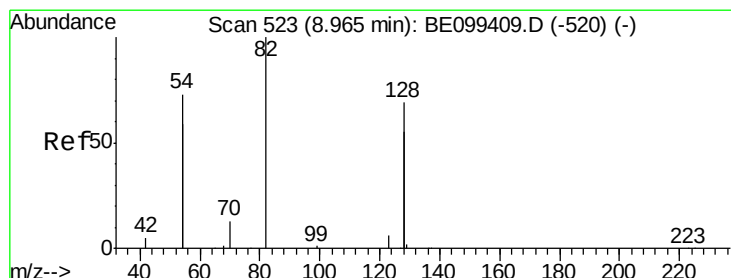
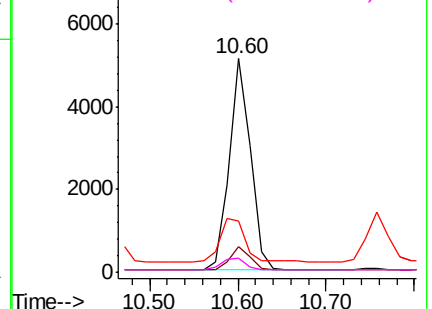
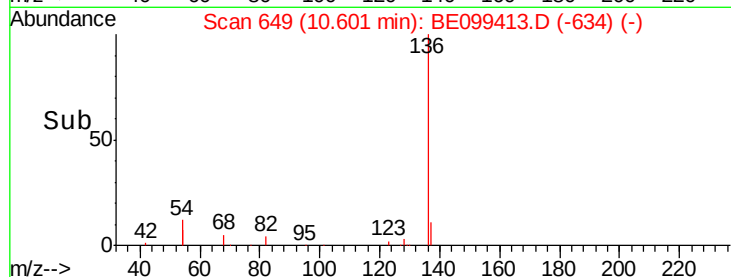


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.509 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

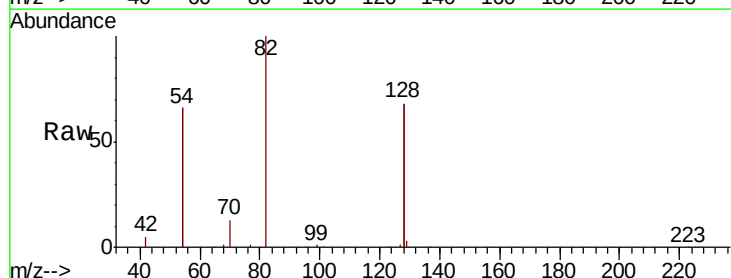
Tgt Ion: 82 Resp: 42972

Ion Ratio Lower Upper

82 100

128 136.3 107.0 160.4

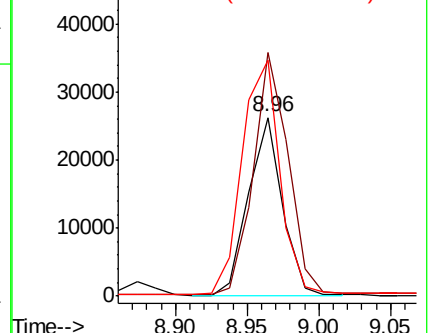
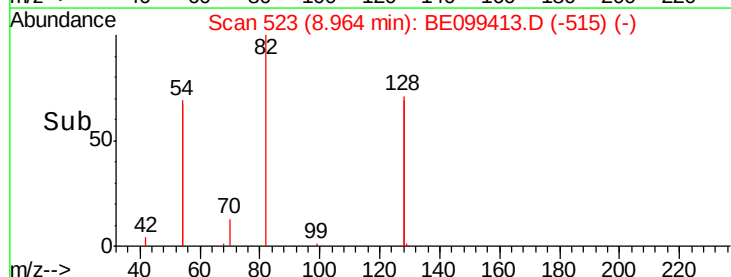
54 132.4 113.1 169.7

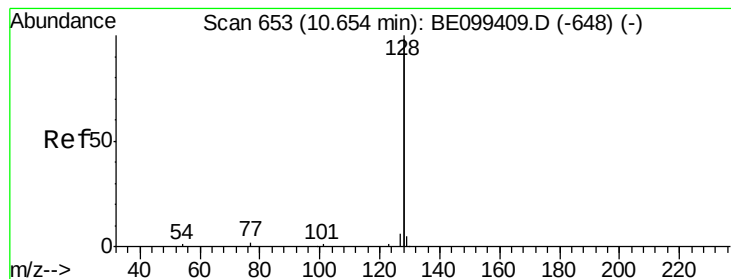


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 5.031 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

Instrument :

BNA_E

ClientSampleId :

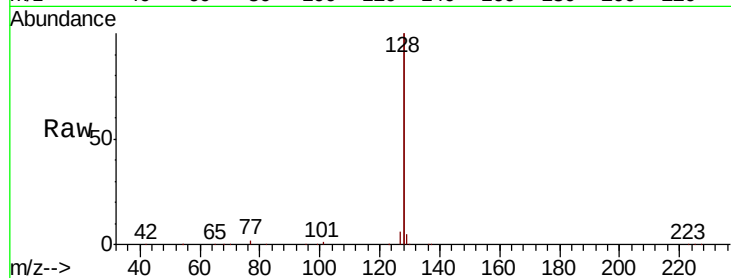
Tot Ion:128 Resp: 466811

Ion Ratio Lower Upper

128 100

129 2.7 2.4 3.6

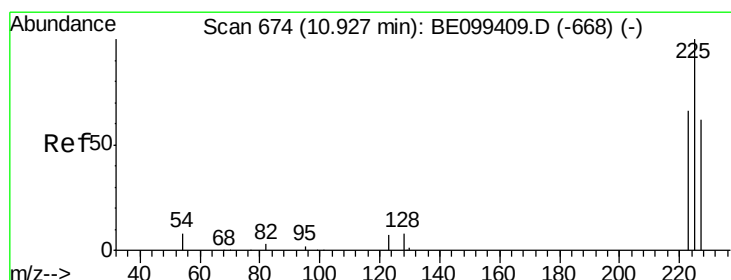
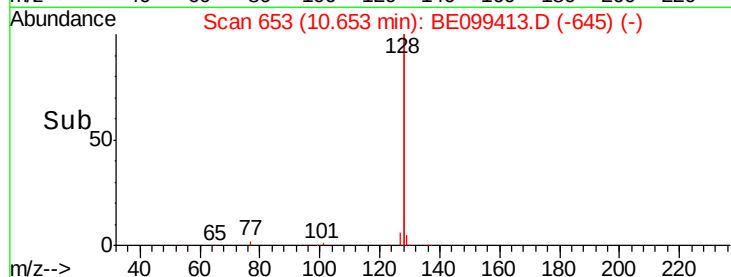
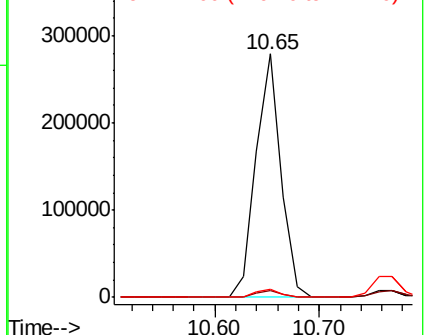
127 3.2 2.8 4.2



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



#10

Hexachlorobutadiene

Concen: 5.341 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

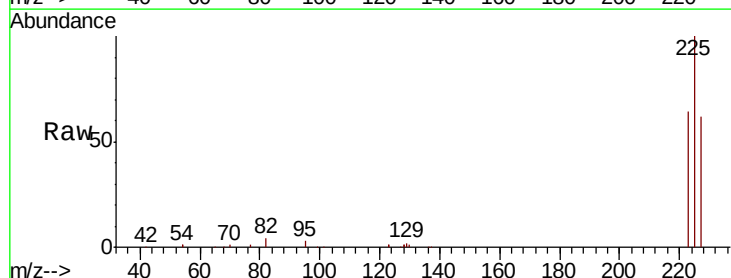
Tgt Ion:225 Resp: 31461

Ion Ratio Lower Upper

225 100

223 62.5 51.0 76.6

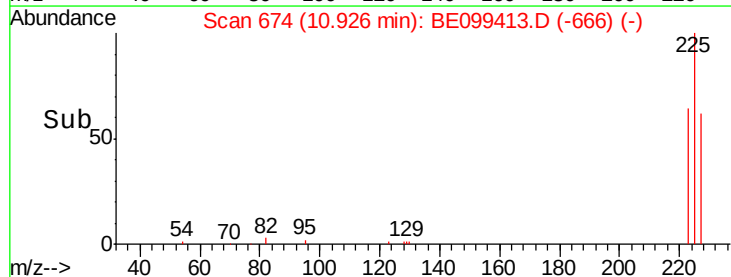
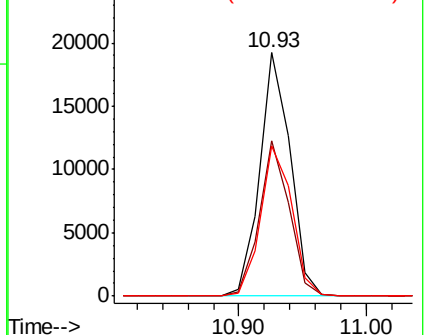
227 63.9 50.9 76.3

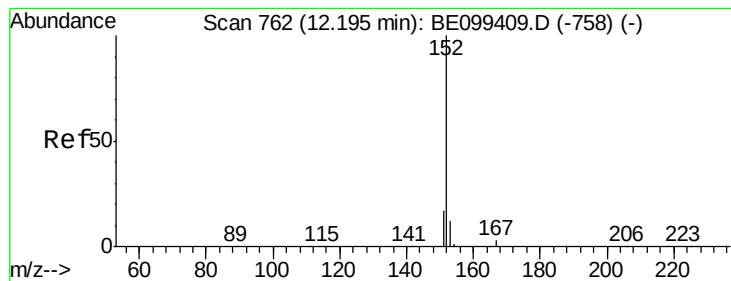


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

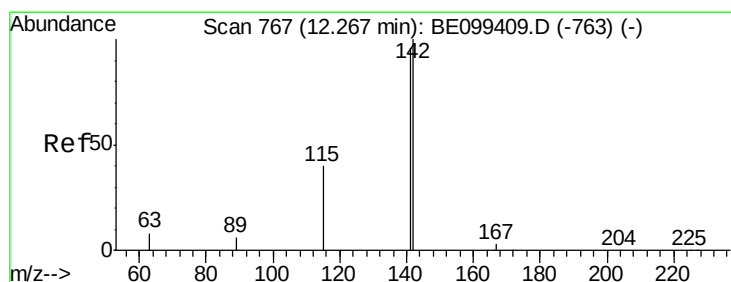
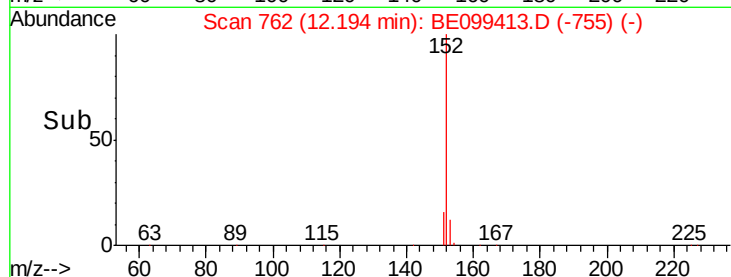
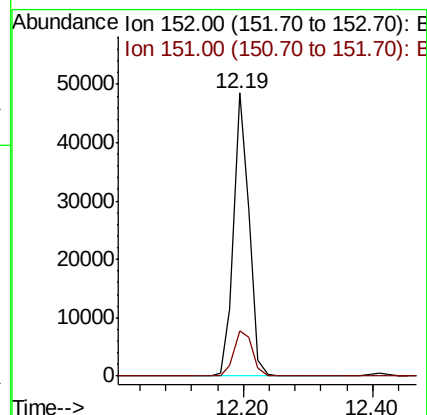
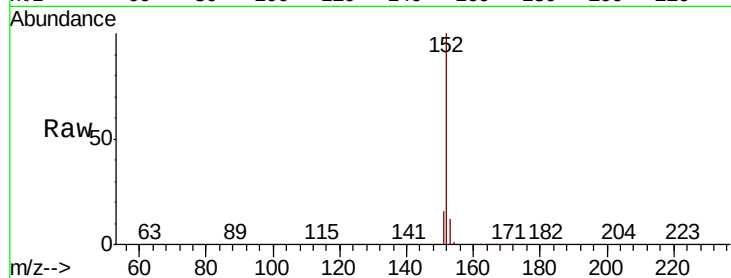




#11
 2-Methylnaphthalene-d10
 Concen: 5.300 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099413.D
 Acq: 29 Apr 2019 17:54

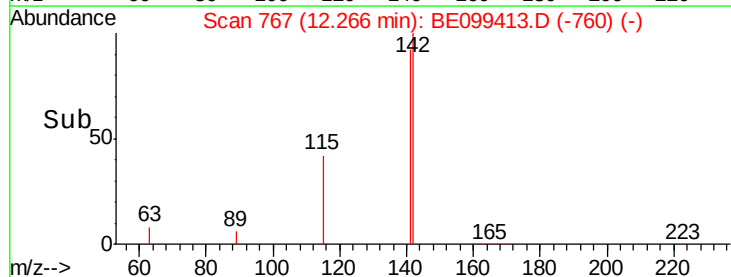
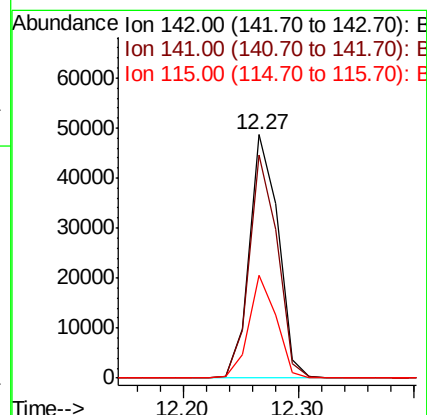
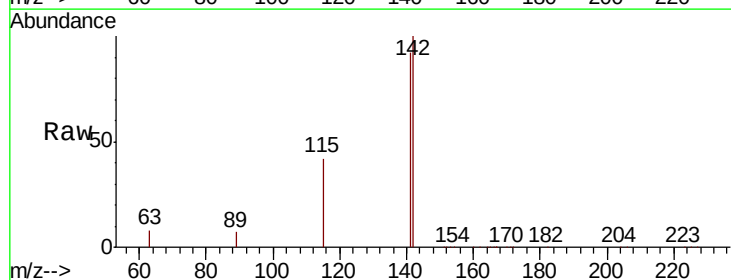
Instrument :
 BNA_E
 ClientSampleId :

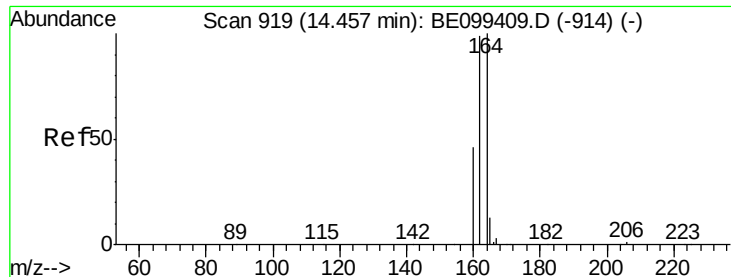
Tot Ion:152 Resp: 79543
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 5.311 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE099413.D
 Acq: 29 Apr 2019 17:54

Tgt Ion:142 Resp: 83853
 Ion Ratio Lower Upper
 142 100
 141 91.6 77.0 115.4
 115 42.2 33.4 50.0

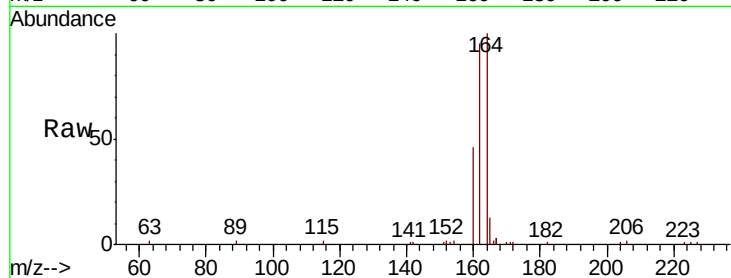




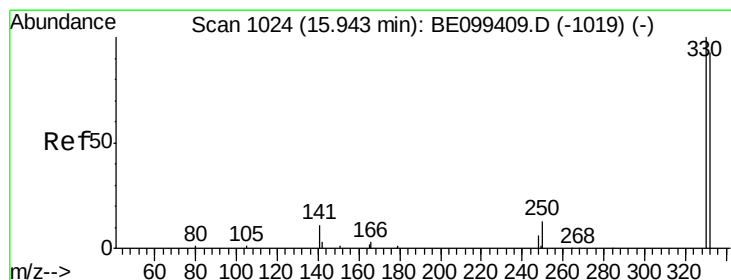
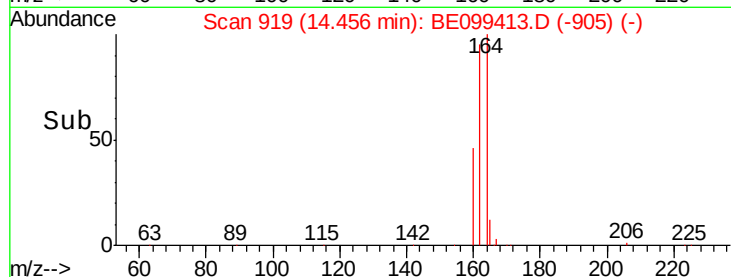
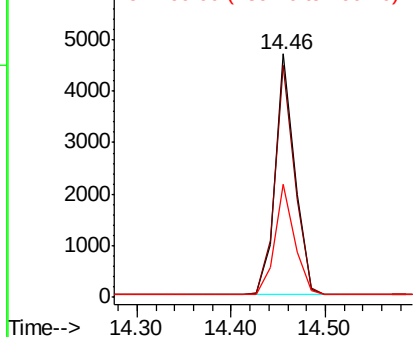
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099413.D
 Acq: 29 Apr 2019 17:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 6690
 Ion Ratio Lower Upper
 164 100
 162 95.1 79.0 118.4
 160 46.5 37.0 55.4

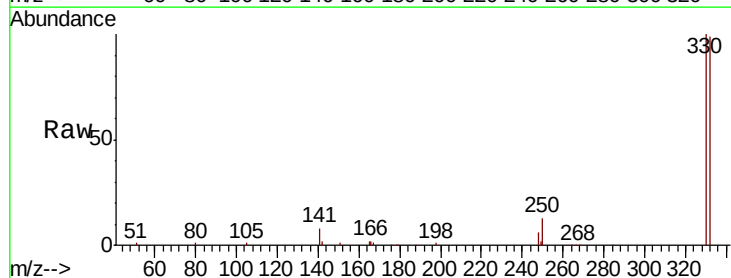


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

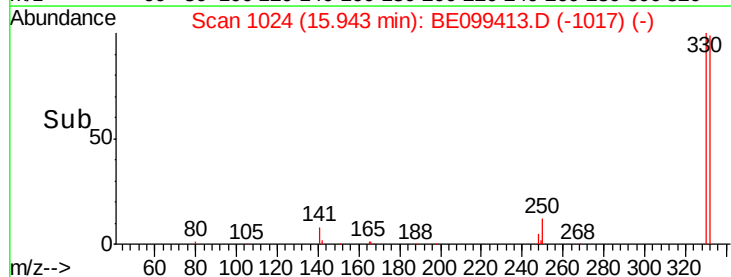
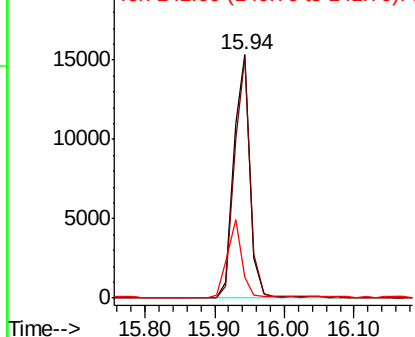


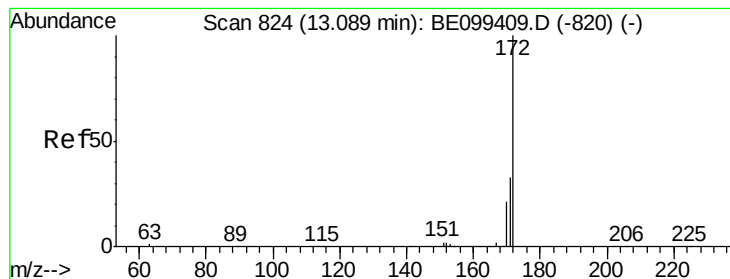
#14
 2,4,6-Tribromophenol
 Concen: 10.891 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE099413.D
 Acq: 29 Apr 2019 17:54

Tgt Ion:330 Resp: 24202
 Ion Ratio Lower Upper
 330 100
 332 97.0 71.5 107.3
 141 28.5 24.0 36.0



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

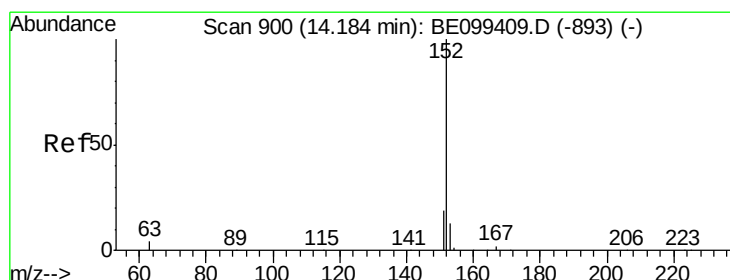
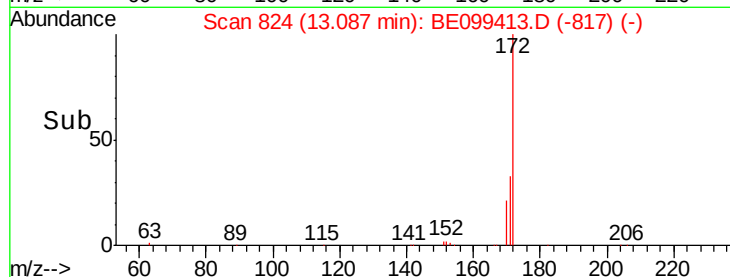
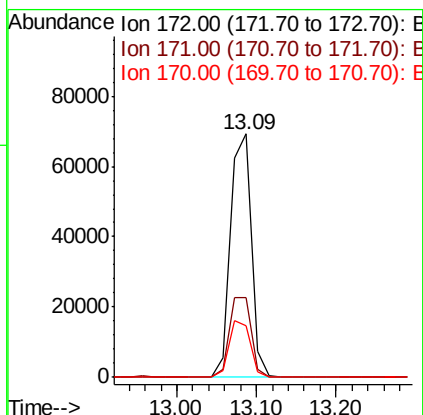
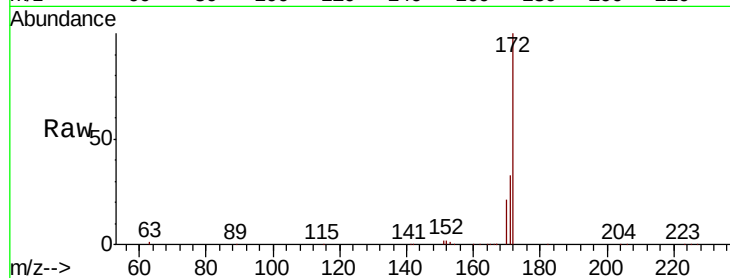




#15
 2-Fluorobiphenyl
 Concen: 4.765 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099413.D
 Acq: 29 Apr 2019 17:54

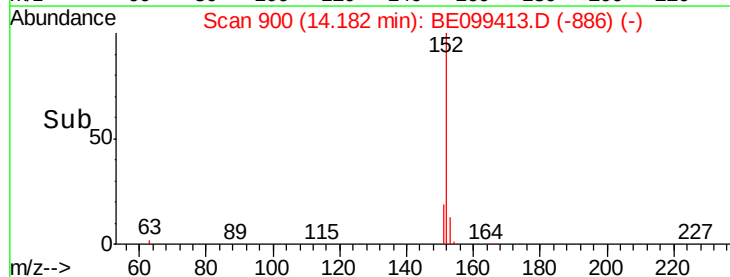
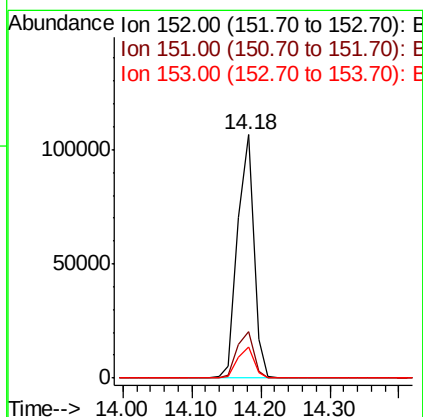
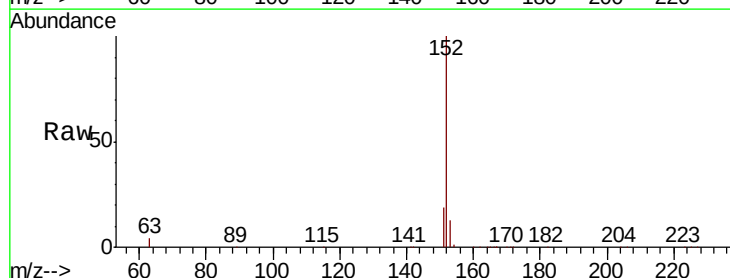
Instrument :
 BNA_E
 ClientSampleId :

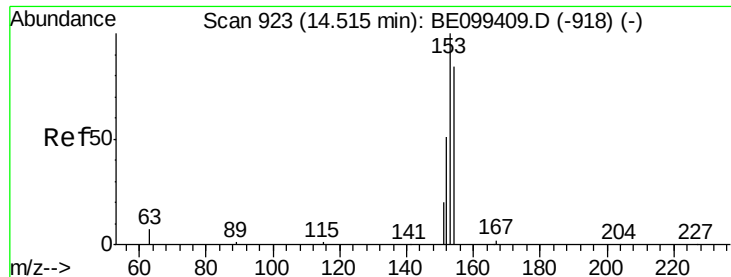
Tot Ion:172 Resp: 125296
 Ion Ratio Lower Upper
 172 100
 171 33.0 26.6 39.8
 170 21.2 17.0 25.6



#16
 Acenaphthylene
 Concen: 5.736 ng
 RT: 14.18 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BE099413.D
 Acq: 29 Apr 2019 17:54

Tgt Ion:152 Resp: 173443
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.4 23.2
 153 12.9 9.8 14.6





#17

Acenaphthene

Concen: 5.164 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

Instrument :

BNA_E

ClientSampleId :

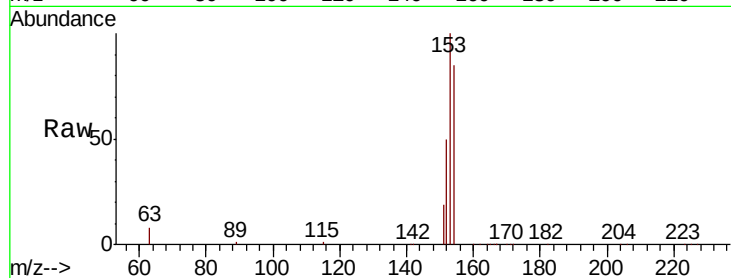
Tot Ion:154 Resp: 96227

Ion Ratio Lower Upper

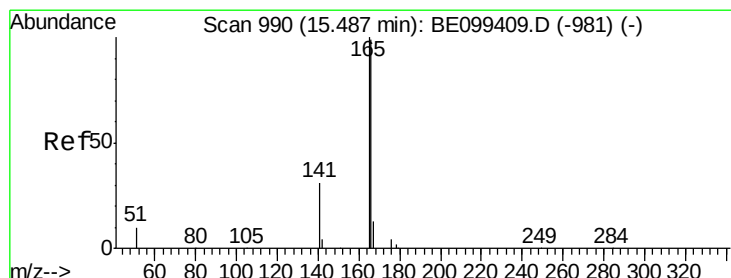
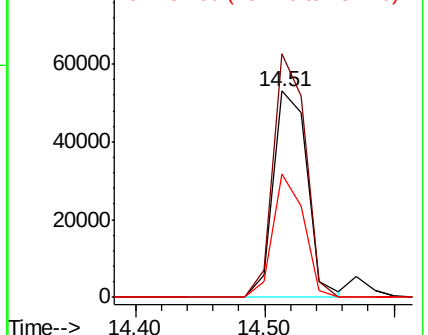
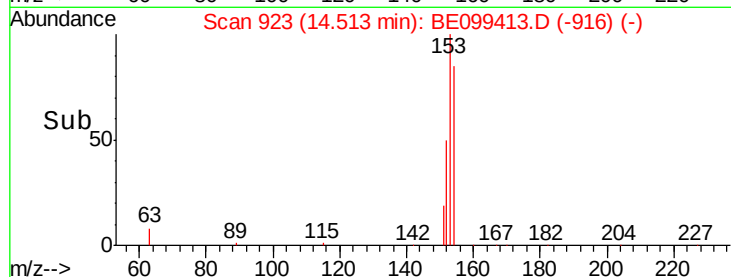
154 100

153 113.0 92.6 138.8

152 54.7 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 5.217 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

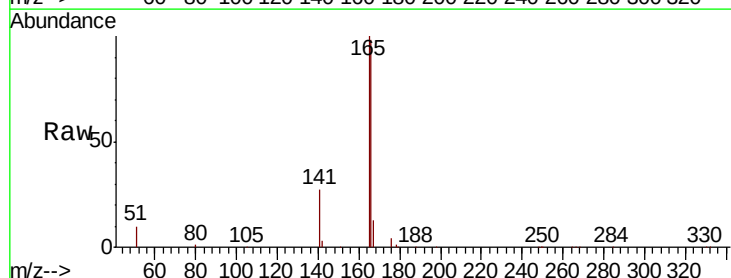
Tgt Ion:166 Resp: 139671

Ion Ratio Lower Upper

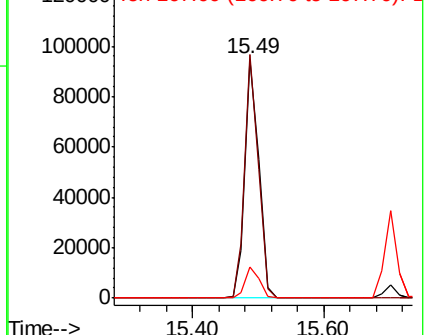
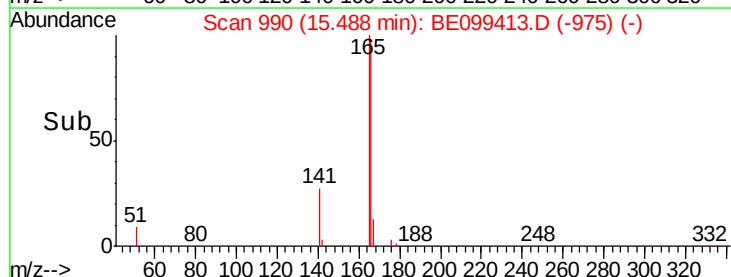
166 100

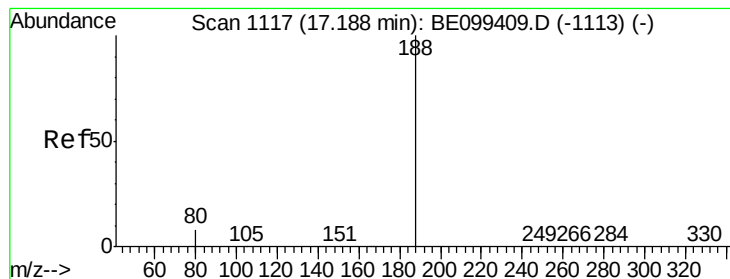
165 99.6 80.3 120.5

167 13.3 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

Instrument :

BNA_E

ClientSampleId :

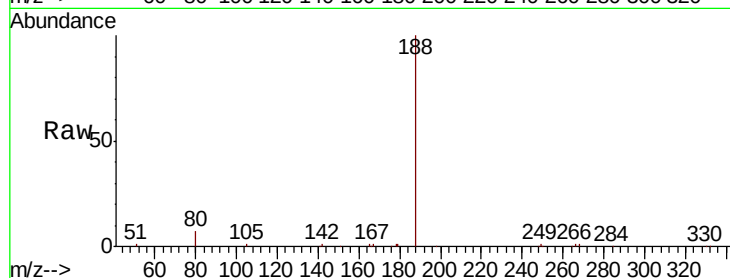
Tot Ion:188 Resp: 19513

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

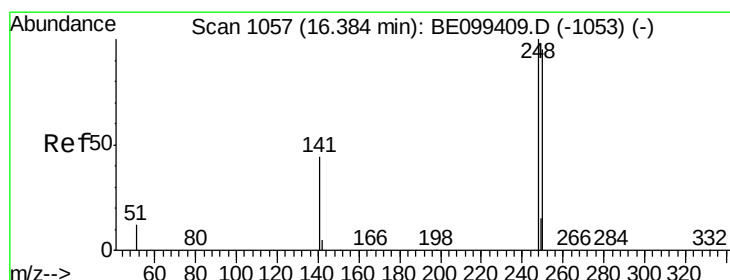
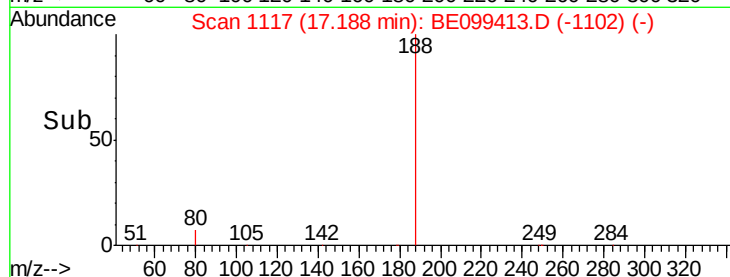
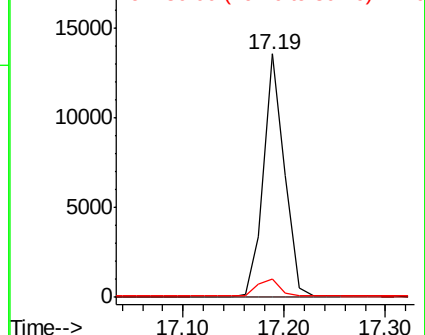
80 7.3 6.7 10.1



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



#20

4-Bromophenyl-phenylether

Concen: 5.499 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

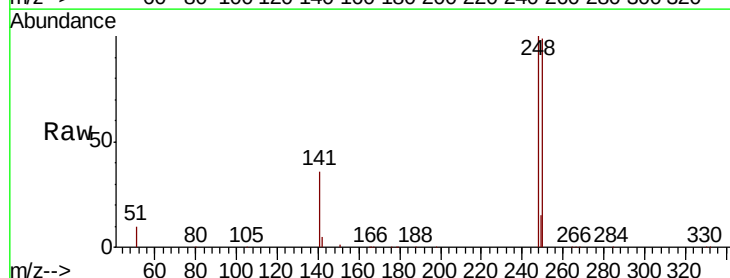
Tgt Ion:248 Resp: 59461

Ion Ratio Lower Upper

248 100

250 99.2 75.8 113.8

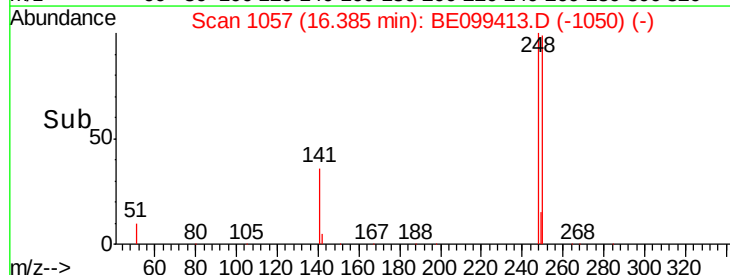
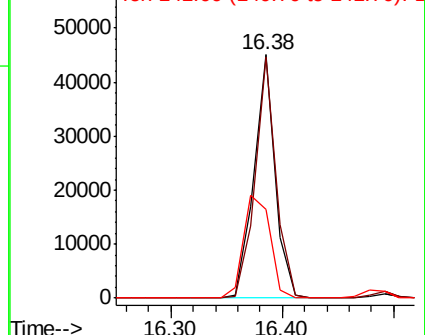
141 36.2 35.7 53.5

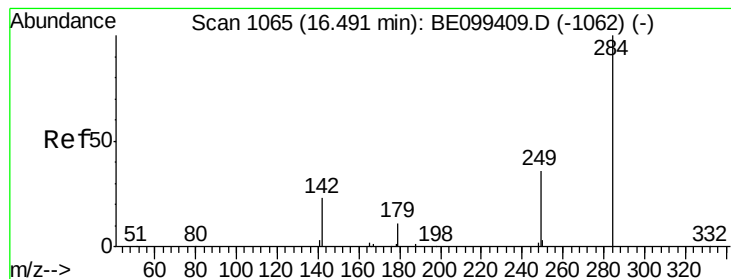


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 5.520 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

Instrument :

BNA_E

ClientSampled :

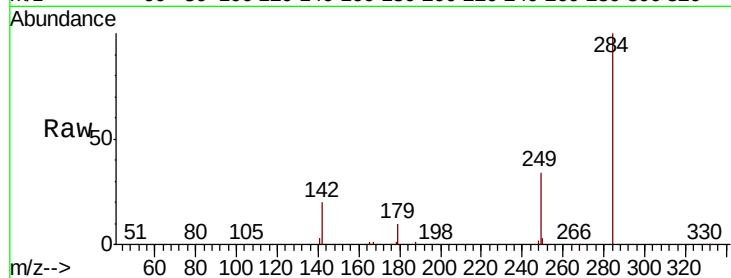
Tot Ion:284 Resp: 57356

Ion Ratio Lower Upper

284 100

142 25.9 21.0 31.6

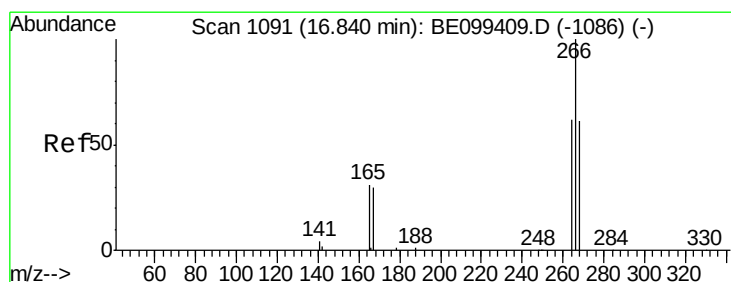
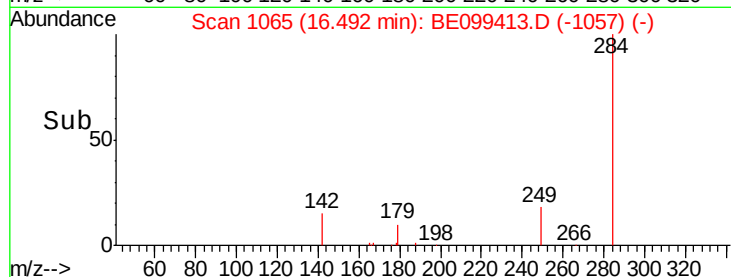
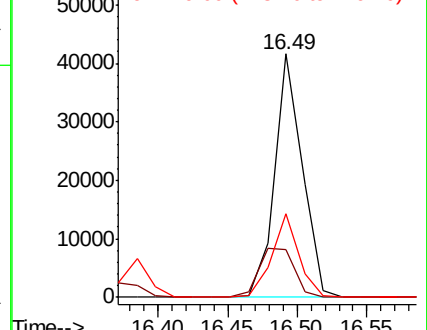
249 33.0 26.7 40.1



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 11.448 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

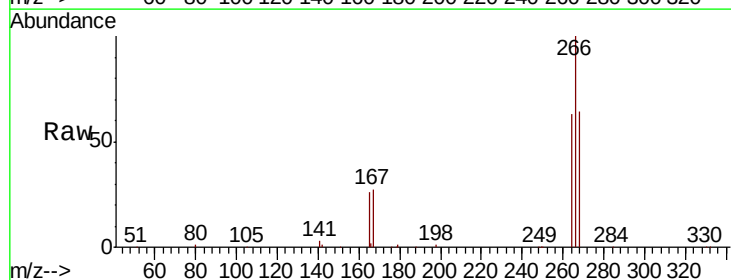
Tgt Ion:266 Resp: 32070

Ion Ratio Lower Upper

266 100

264 63.3 50.8 76.2

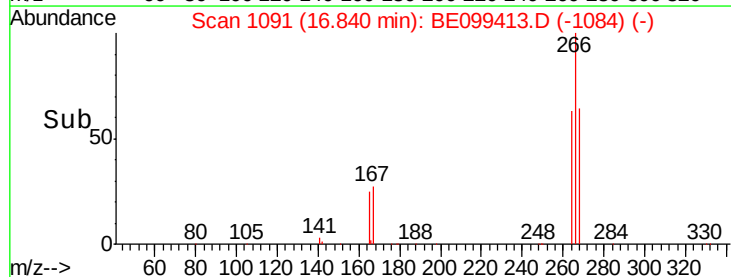
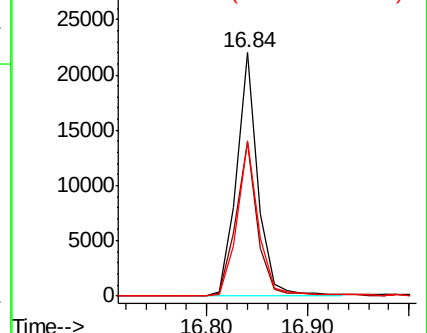
268 63.7 50.5 75.7

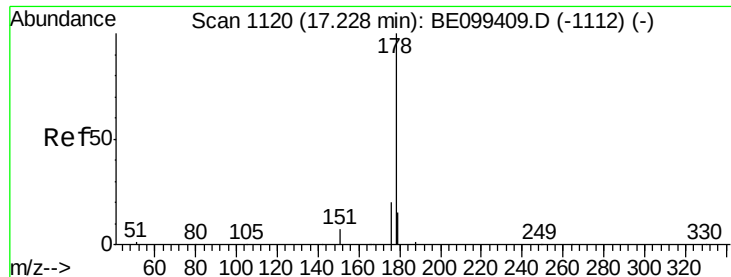


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.063 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

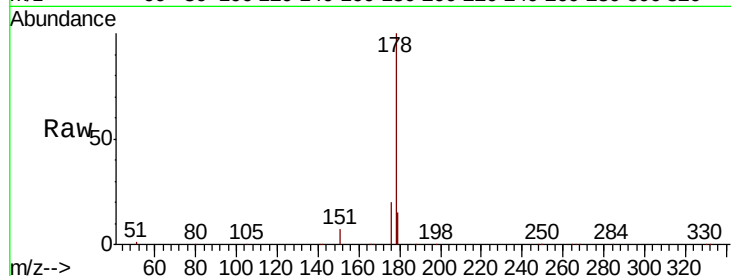
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 261597

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.3	12.0	18.0

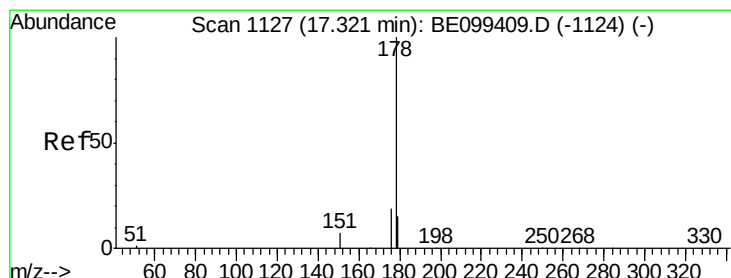
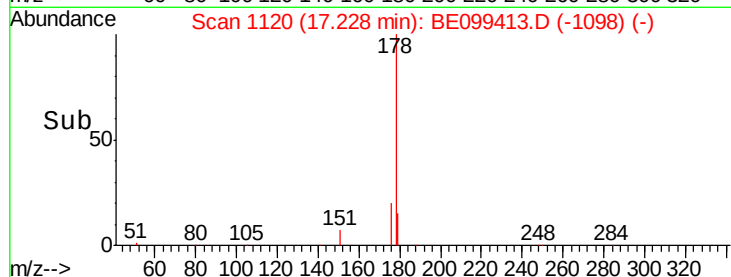
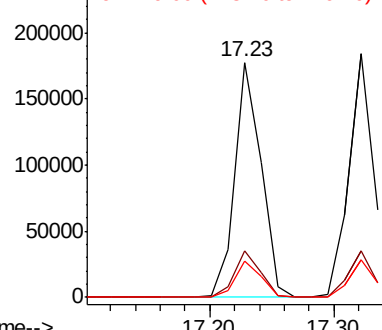


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 5.584 ng

RT: 17.32 min Scan# 1127

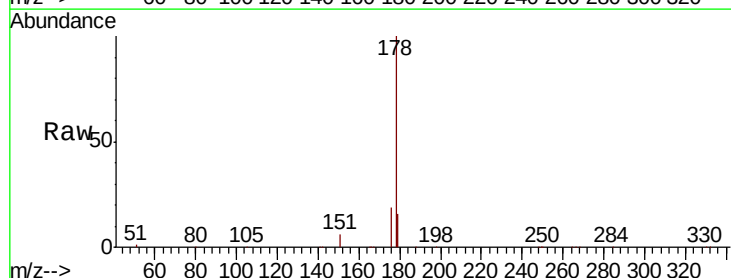
Delta R.T. 0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

Tgt Ion:178 Resp: 256655

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.4	11.9	17.9

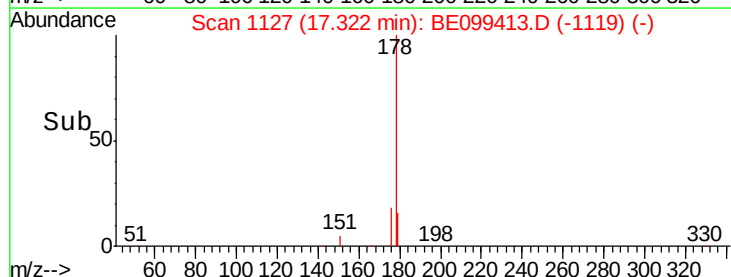
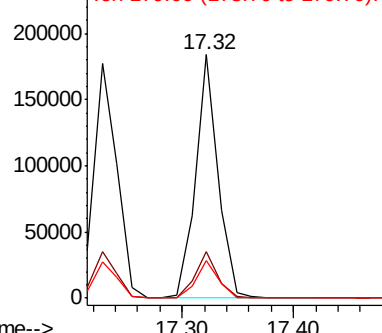


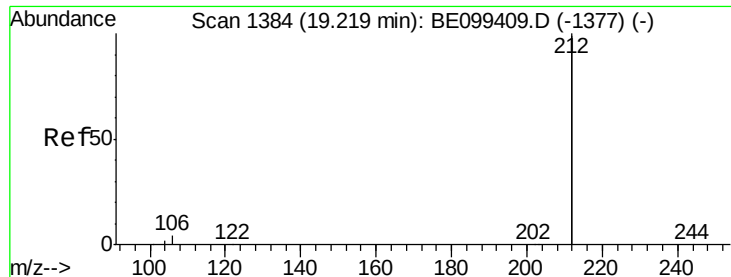
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 5.807 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

Instrument :

BNA_E

ClientSampleId :

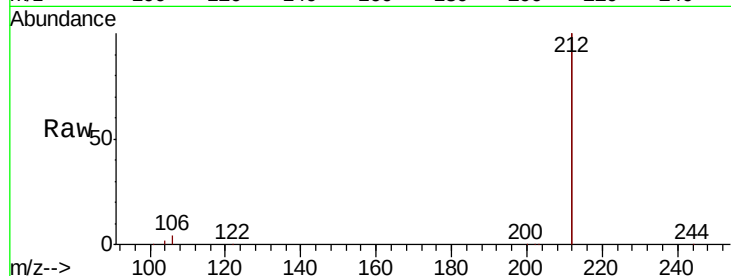
Tot Ion:212 Resp: 1361339

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

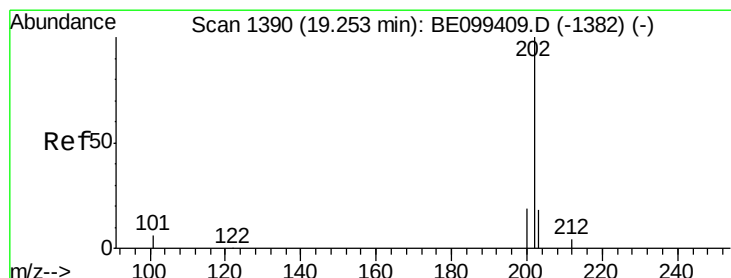
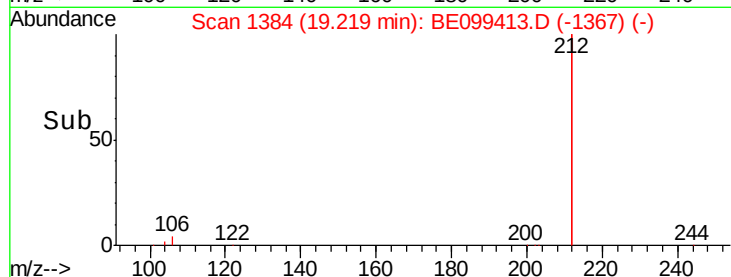
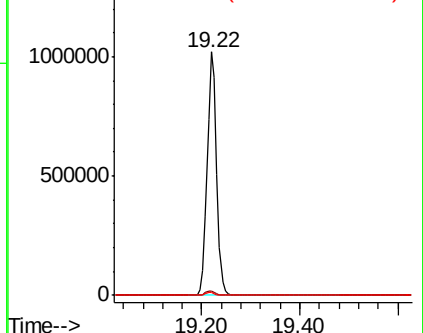
104 1.1 0.9 1.3



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



#26

Fluoranthene

Concen: 5.661 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

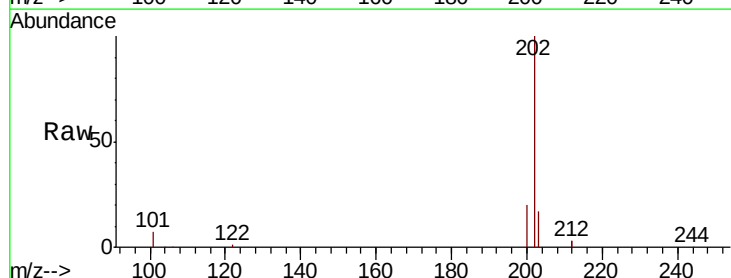
Tgt Ion:202 Resp: 391497

Ion Ratio Lower Upper

202 100

101 6.8 5.4 8.0

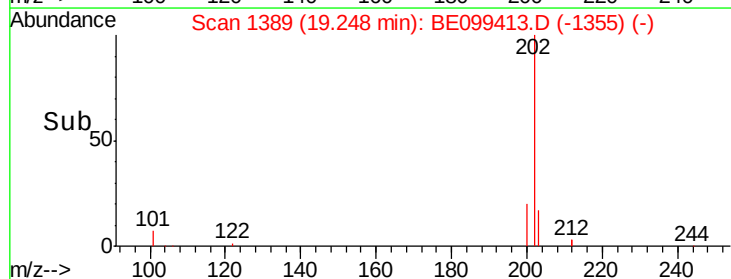
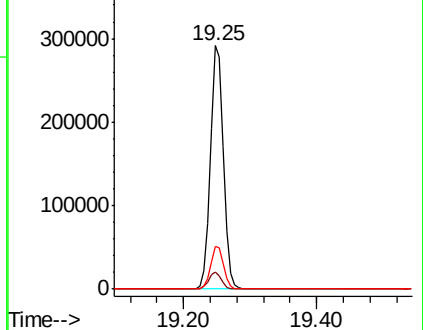
203 17.5 13.9 20.9

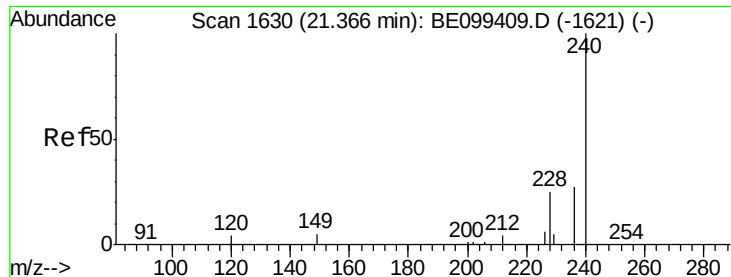


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

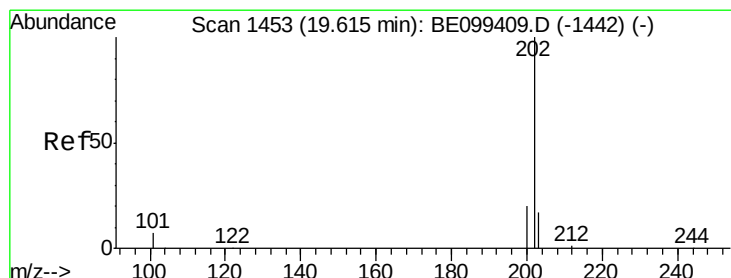
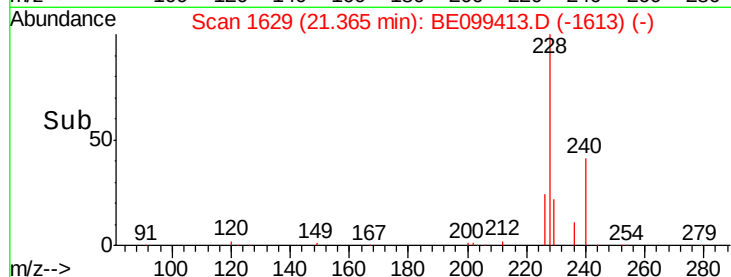
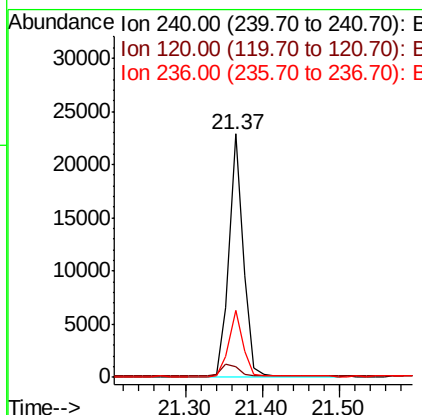
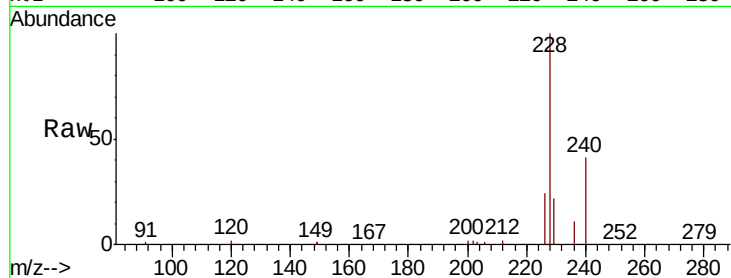




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BE099413.D
 Acq: 29 Apr 2019 17:54

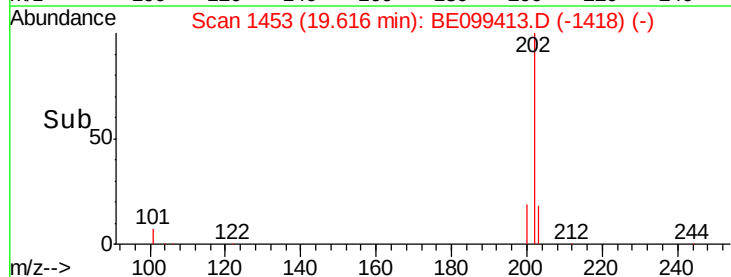
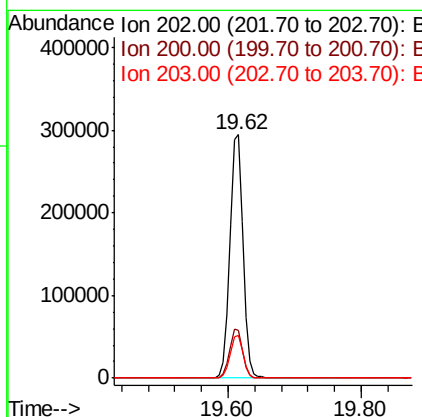
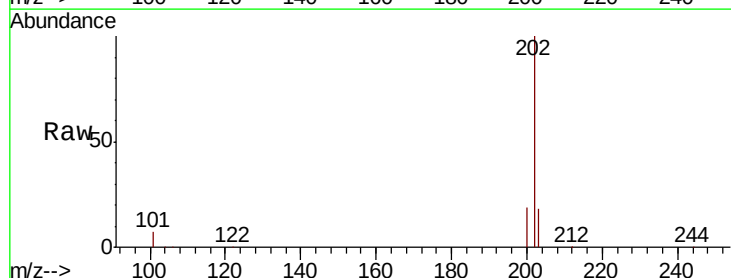
Instrument :
 BNA_E
 ClientSampleId :

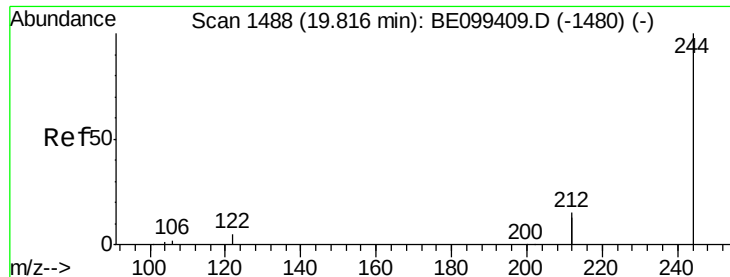
Tot Ion:240 Resp: 29355
 Ion Ratio Lower Upper
 240 100
 120 4.6 4.0 6.0
 236 27.3 22.0 33.0



#28
 Pyrene
 Concen: 4.648 ng
 RT: 19.62 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BE099413.D
 Acq: 29 Apr 2019 17:54

Tgt Ion:202 Resp: 402000
 Ion Ratio Lower Upper
 202 100
 200 19.9 15.7 23.5
 203 17.6 13.9 20.9





#29

Terphenyl-d14

Concen: 4.845 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

Instrument :

BNA_E

ClientSampleId :

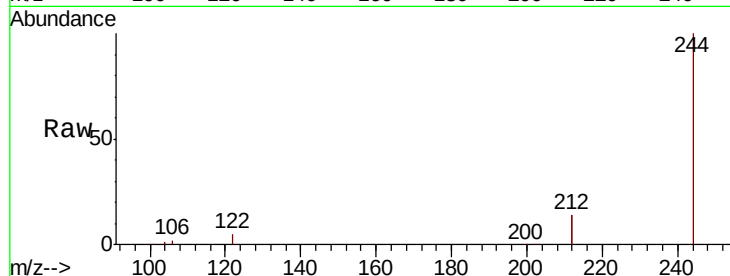
Tot Ion:244 Resp: 279943

Ion Ratio Lower Upper

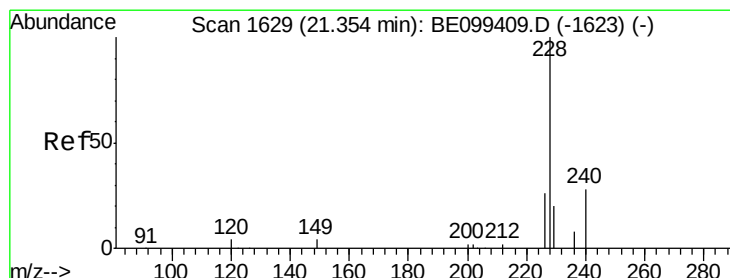
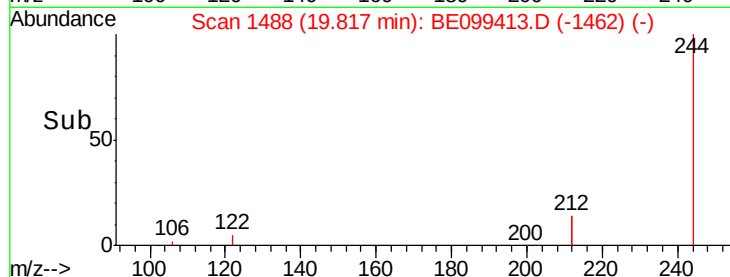
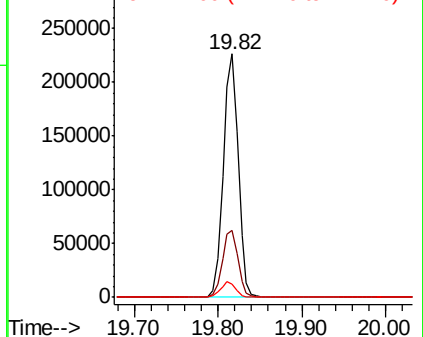
244 100

212 27.7 23.2 34.8

122 5.3 4.2 6.4



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: 5.423 ng

RT: 21.35 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

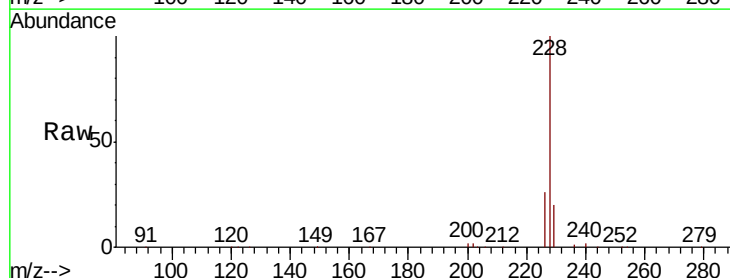
Tgt Ion:228 Resp: 467961

Ion Ratio Lower Upper

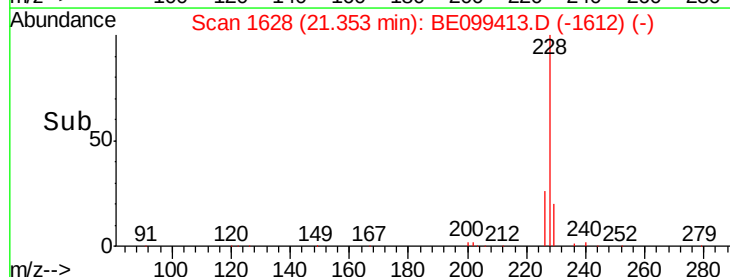
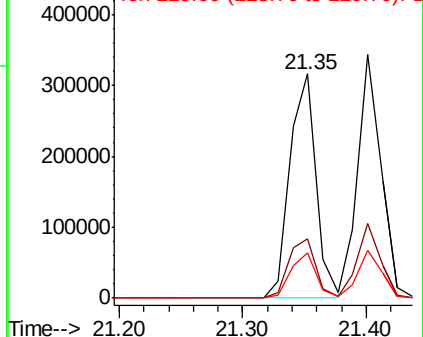
228 100

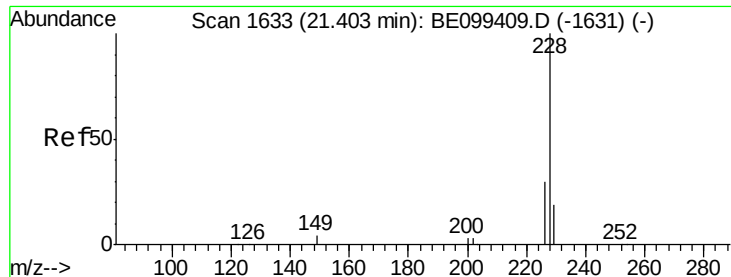
226 26.5 21.0 31.6

229 20.3 16.6 25.0



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





#31

Chrysene

Concen: 4.906 ng

RT: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

Instrument :

BNA_E

ClientSampleId :

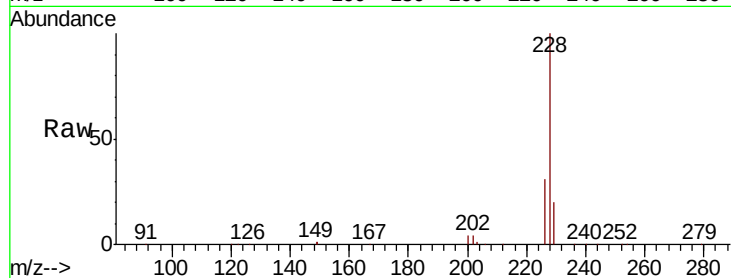
Tot Ion:228 Resp: 450576

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

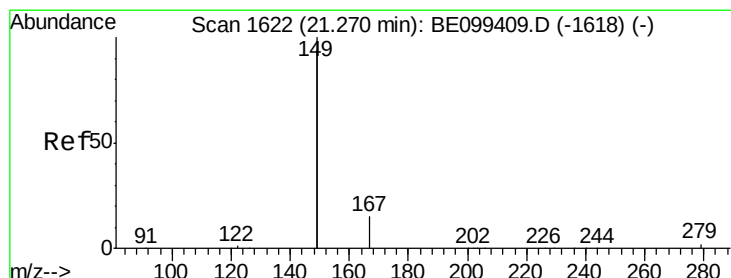
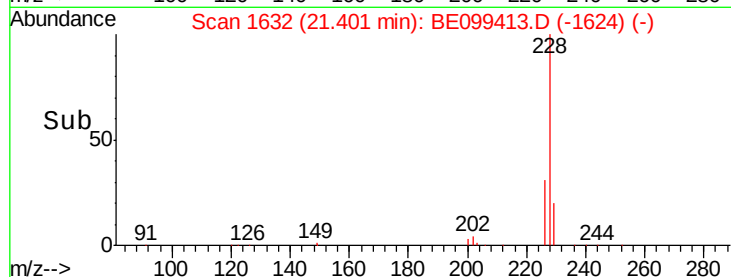
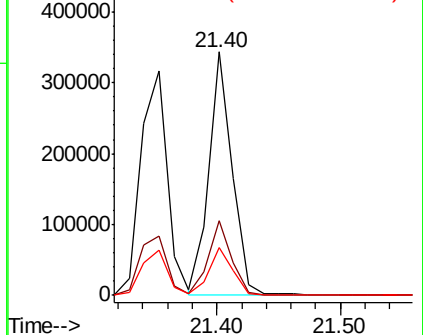
229 19.8 15.8 23.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 8.472 ng

RT: 21.27 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

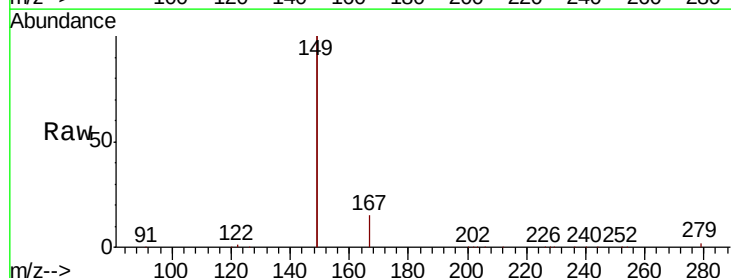
Tgt Ion:149 Resp: 665266

Ion Ratio Lower Upper

149 100

167 7.6 5.8 8.6

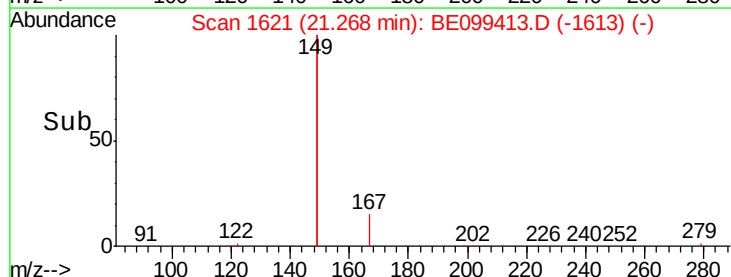
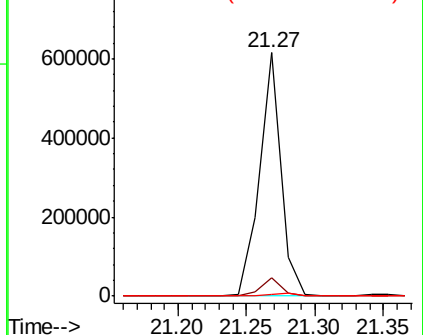
279 1.4 1.0 1.6

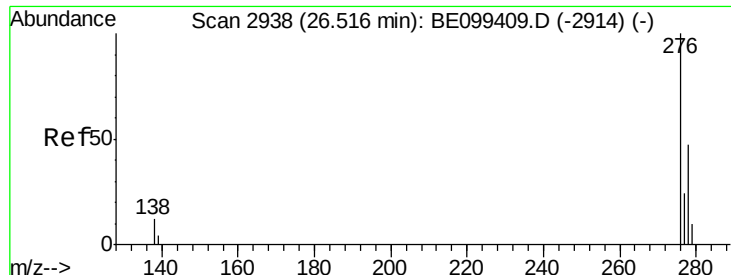


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 5.970 ng

RT: 26.51 min Scan# 2936

Delta R.T. -0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

Instrument :

BNA_E

ClientSampleId :

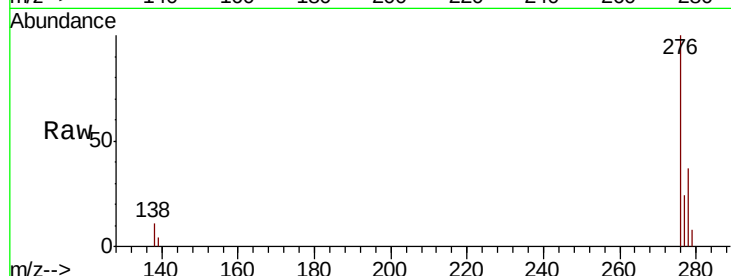
Tot Ion:276 Resp: 541416

Ion Ratio Lower Upper

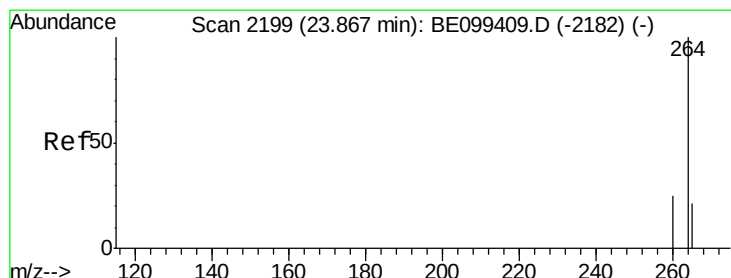
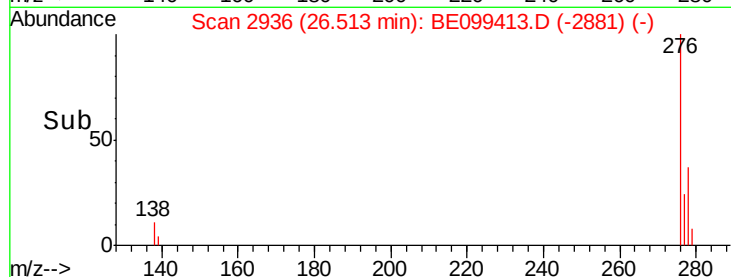
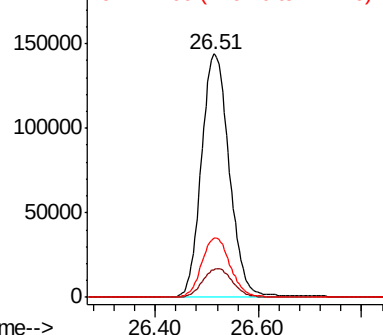
276 100

138 12.5 10.2 15.2

277 24.9 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.87 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

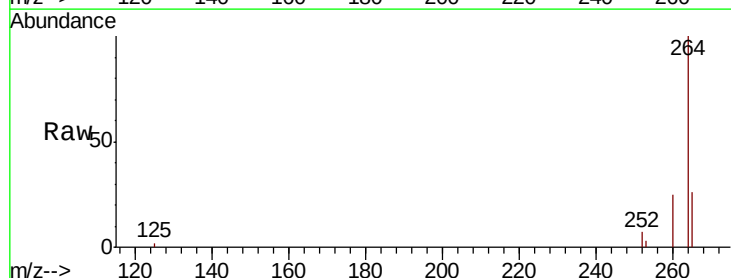
Tgt Ion:264 Resp: 30121

Ion Ratio Lower Upper

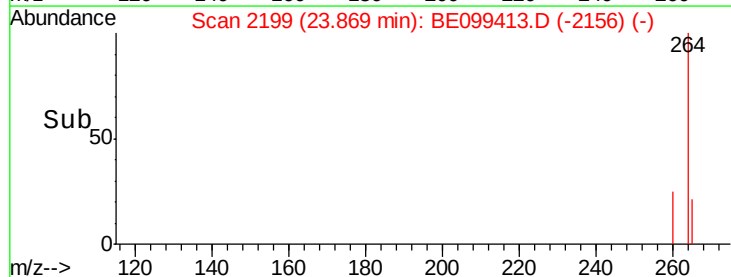
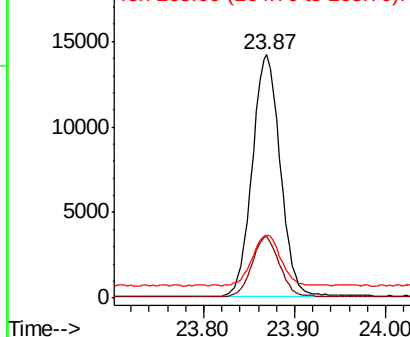
264 100

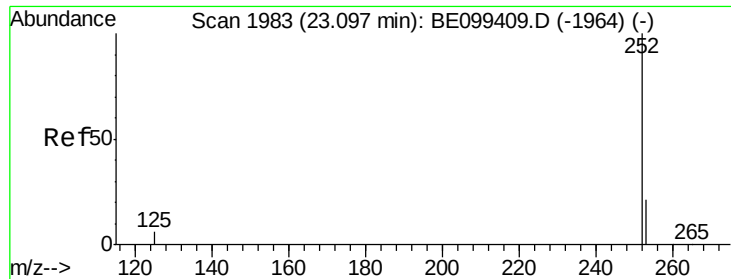
260 25.2 20.2 30.2

265 25.9 21.3 31.9



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

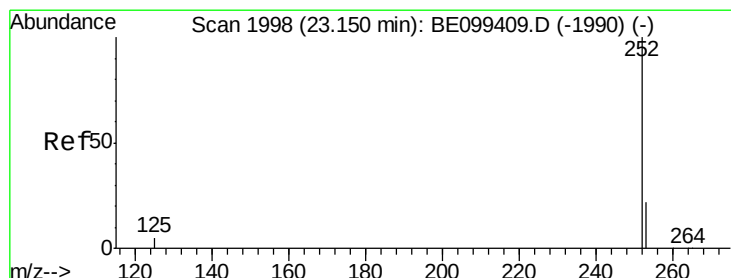
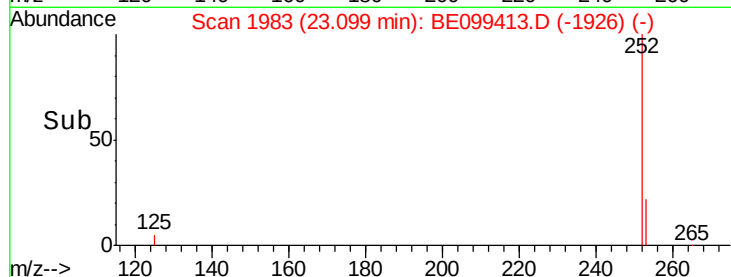
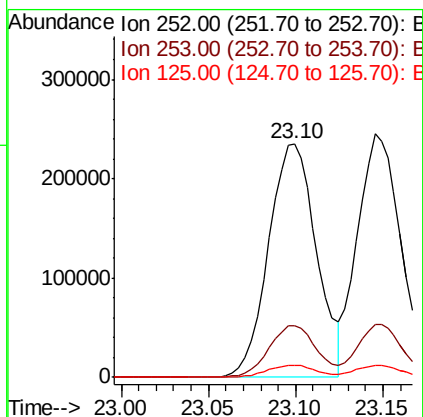
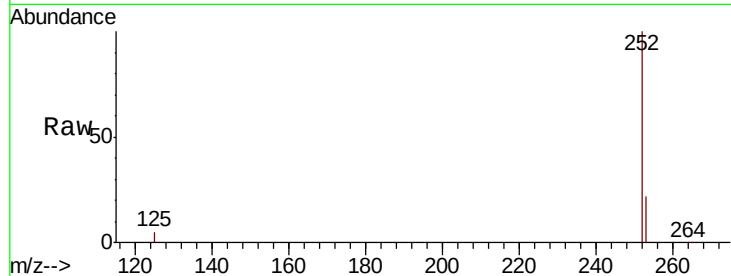




#35
Benzo(b)fluoranthene
Concen: 4.865 ng
RT: 23.10 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BE099413.D
Acq: 29 Apr 2019 17:54

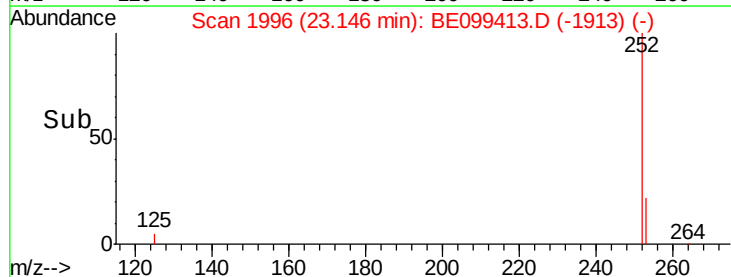
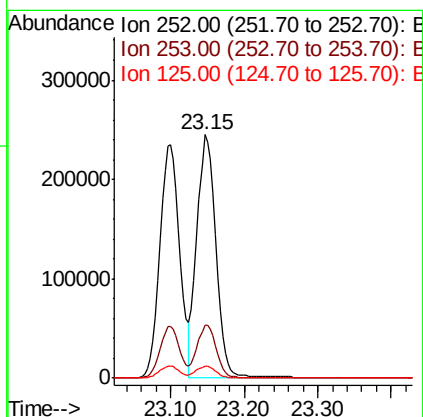
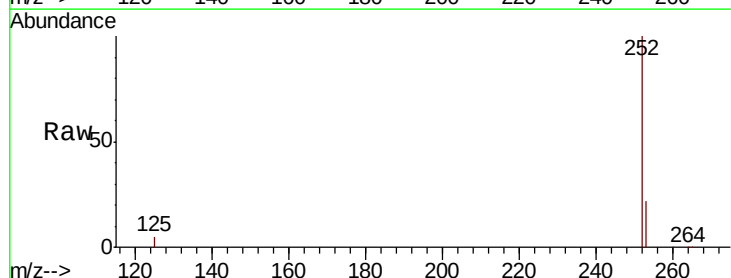
Instrument :
BNA_E
ClientSampleId :

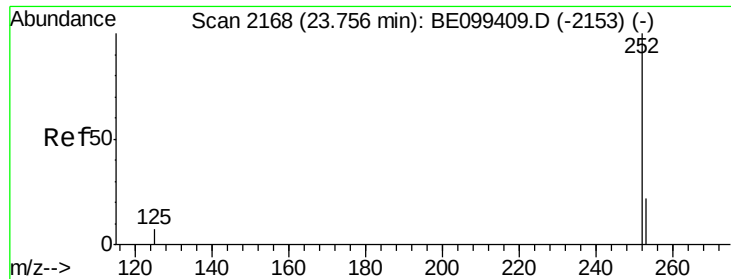
Tot Ion:252 Resp: 448663
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 5.2 5.6 8.4#



#36
Benzo(k)fluoranthene
Concen: 4.721 ng
RT: 23.15 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BE099413.D
Acq: 29 Apr 2019 17:54

Tgt Ion:252 Resp: 434032
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 5.2 5.0 7.4

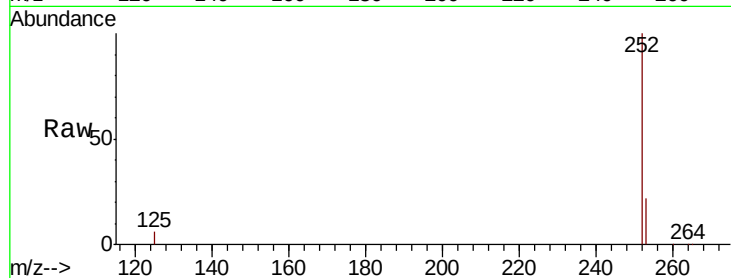




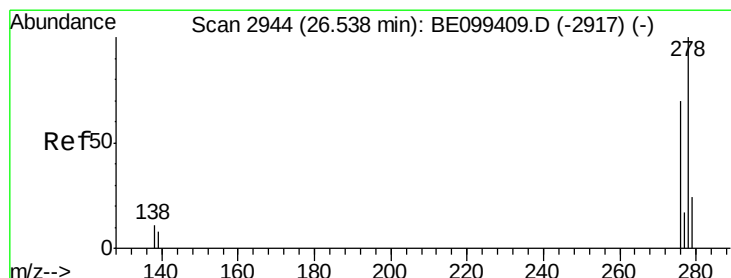
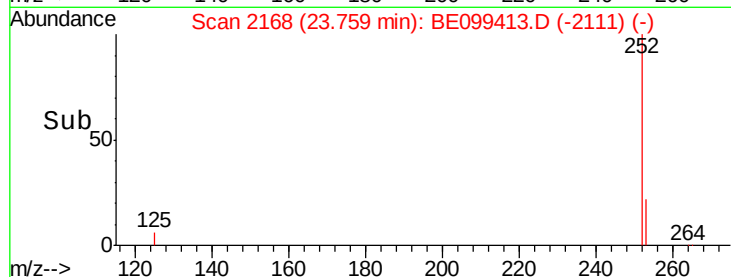
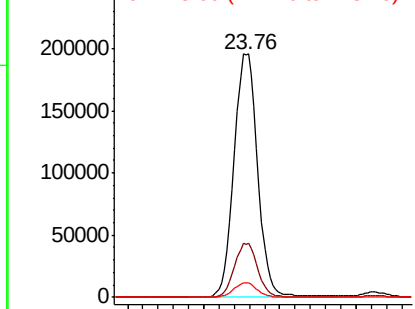
#37
Benzo(a)pyrene
Concen: 5.128 ng
RT: 23.76 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BE099413.D
Acq: 29 Apr 2019 17:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 423688
Ion Ratio Lower Upper
252 100
253 22.1 18.9 28.3
125 5.9 6.7 10.1#

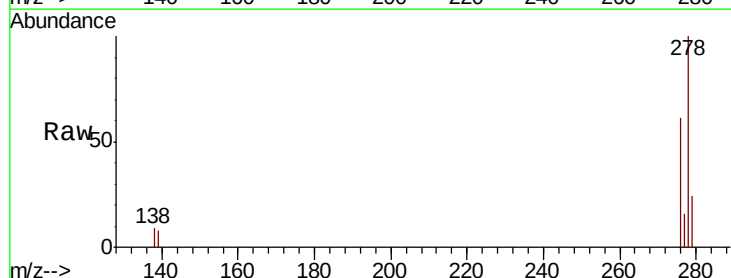


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

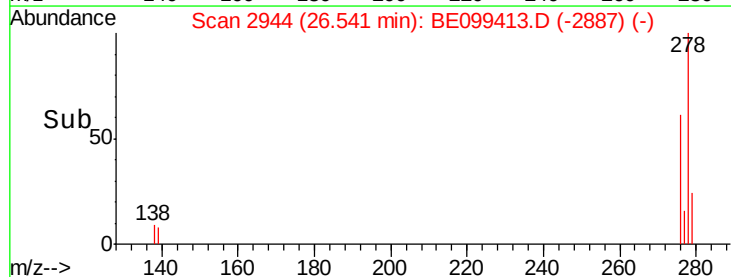
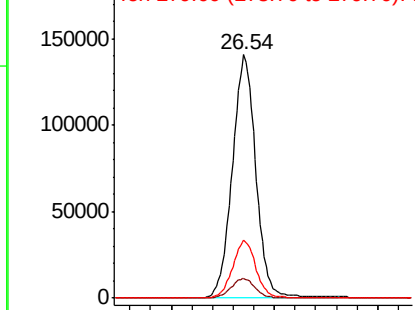


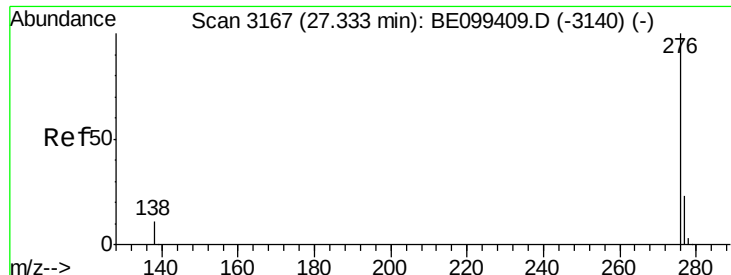
#38
Dibenzo(a,h)anthracene
Concen: 5.281 ng
RT: 26.54 min Scan# 2944
Delta R.T. 0.00 min
Lab File: BE099413.D
Acq: 29 Apr 2019 17:54

Tgt Ion:278 Resp: 445720
Ion Ratio Lower Upper
278 100
139 7.9 7.7 11.5
279 23.9 20.2 30.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 5.133 ng

RT: 27.33 min Scan# 3166

Delta R.T. -0.00 min

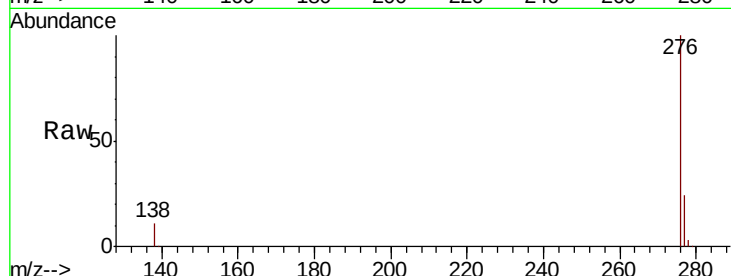
Lab File: BE099413.D

Acq: 29 Apr 2019 17:54

Instrument :

BNA_E

ClientSampleId :



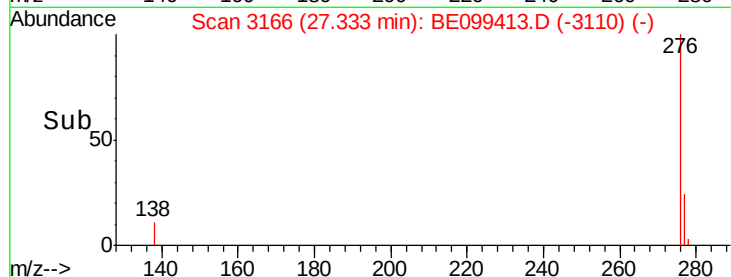
Tot Ion: 276 Resp: 439479

Ion Ratio Lower Upper

276 100

277 23.6 19.5 29.3

138 10.9 9.6 14.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

