

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
 Data File : BE099355.D
 Acq On : 25 Apr 2019 11:24
 Operator : JU/SJ
 Sample : PB1191195BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 26 00:41:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

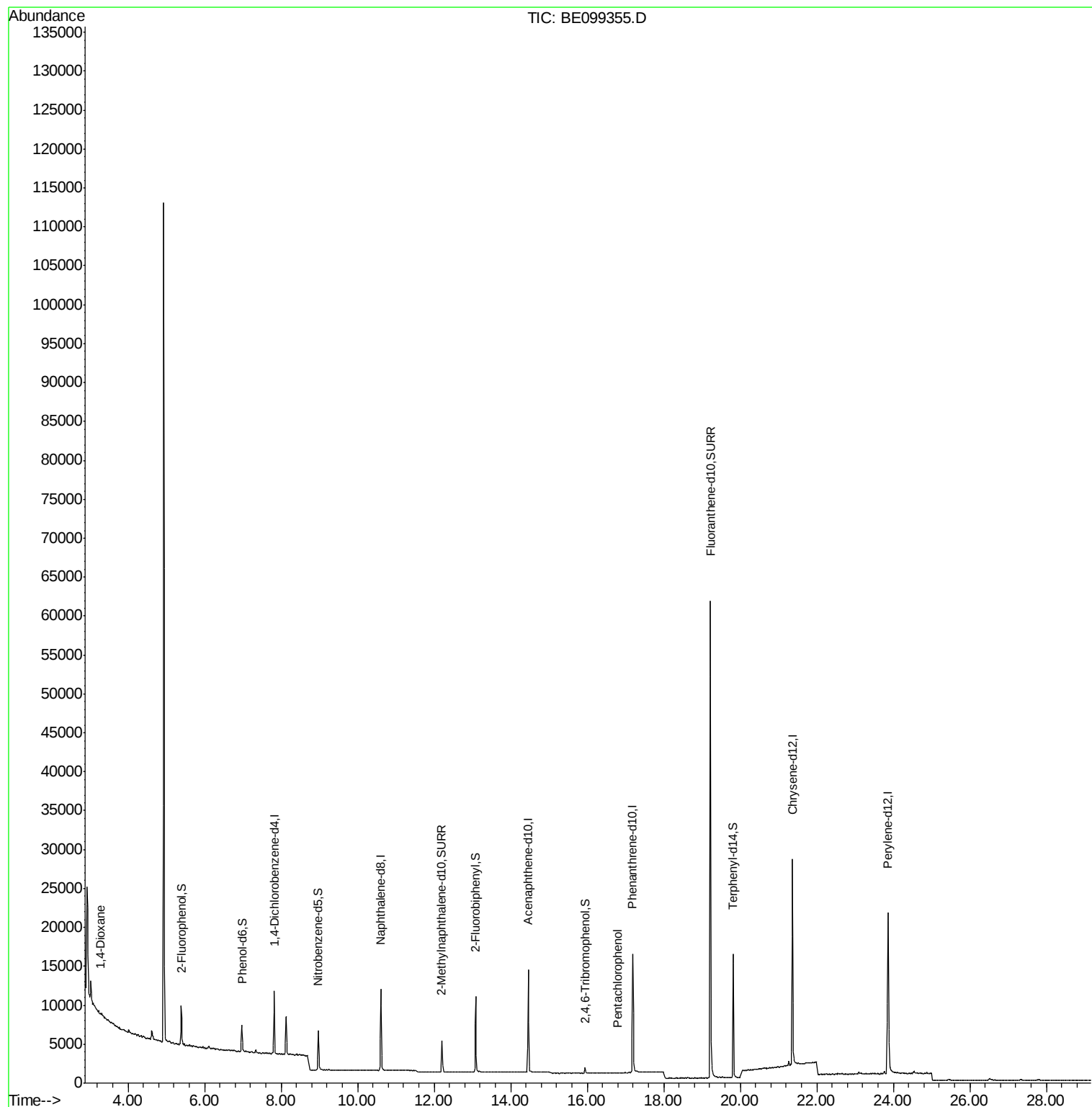
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4066	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	13444	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	7893	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	22366	0.40	ng	0.00
27) Chrysene-d12	21.37	240	29316	0.40	ng	0.00
34) Perylene-d12	23.86	264	32434	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	2767	0.28	ng	0.01
5) Phenol-d6	6.98	99	3612	0.25	ng	0.00
8) Nitrobenzene-d5	8.96	82	2618	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	6628	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	545	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	9869	0.32	ng	0.00
25) Fluoranthene-d10	19.22	212	85834	0.32	ng	0.00
29) Terphenyl-d14	19.81	244	15223	0.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	178	0.031	ng	# 29
22) Pentachlorophenol	16.80	266	16	0.224	ng	# 76

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

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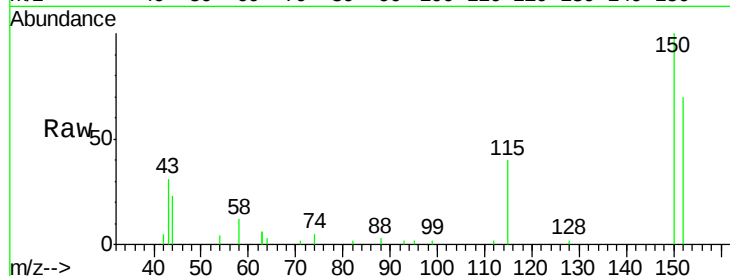


#1

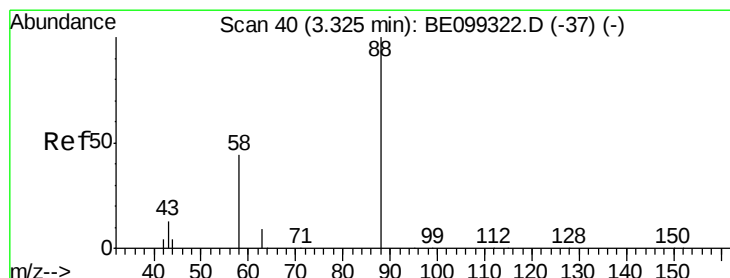
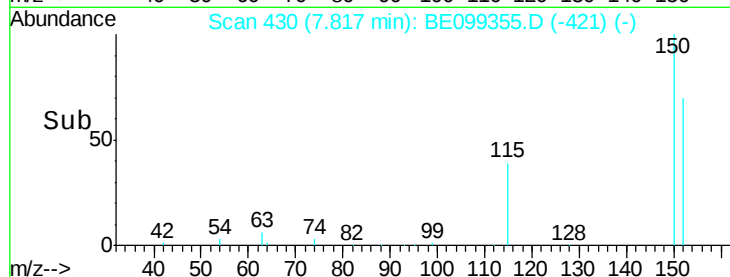
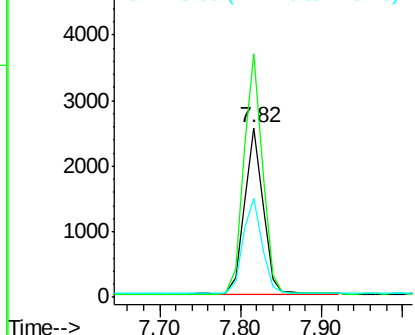
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099355.D
Acq: 25 Apr 2019 11:24

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4066
Ion Ratio Lower Upper
152 100
150 143.2 119.5 179.3
115 57.9 47.5 71.3



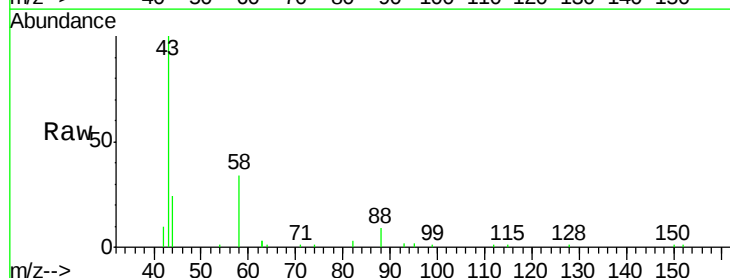
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



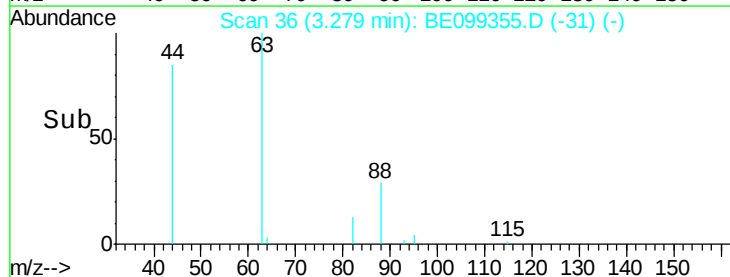
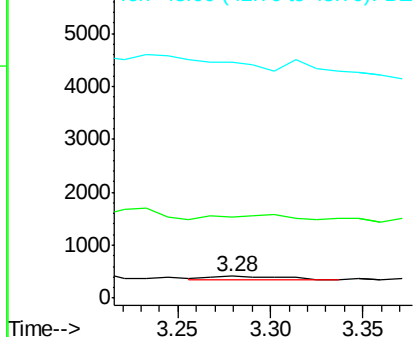
#2

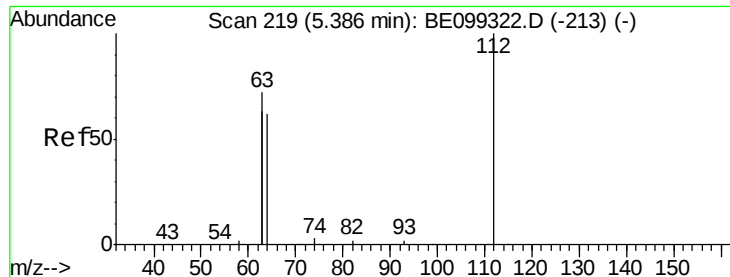
1,4-Dioxane
Concen: 0.031 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.05 min
Lab File: BE099355.D
Acq: 25 Apr 2019 11:24

Tgt Ion: 88 Resp: 178
Ion Ratio Lower Upper
88 100
58 0.0 49.1 73.7#
43 0.0 17.9 26.9#



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





#4

2-Fluorophenol

Concen: 0.278 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099355.D

Acq: 25 Apr 2019 11:24

Instrument :

BNA_E

ClientSampleId :

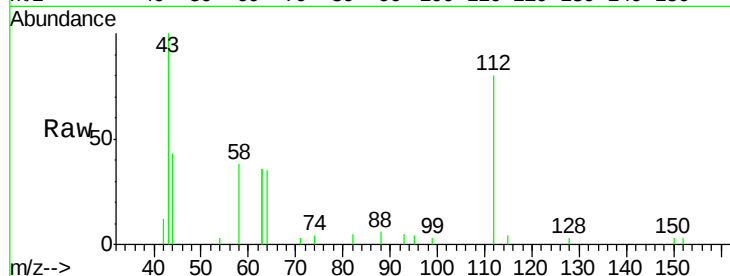
Tot Ion:112 Resp: 2767

Ion Ratio Lower Upper

112 100

64 59.9 44.9 67.3

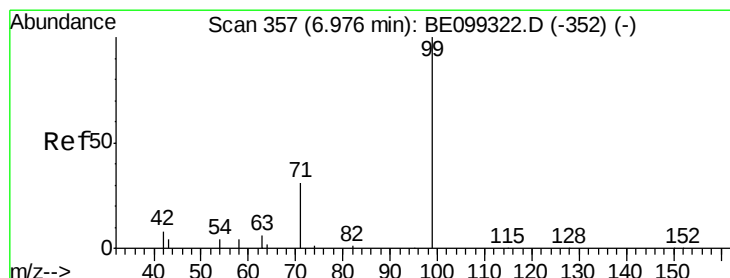
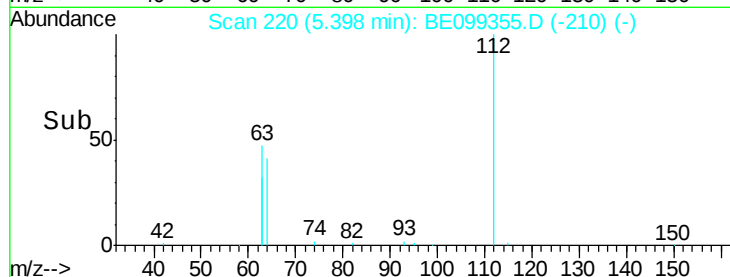
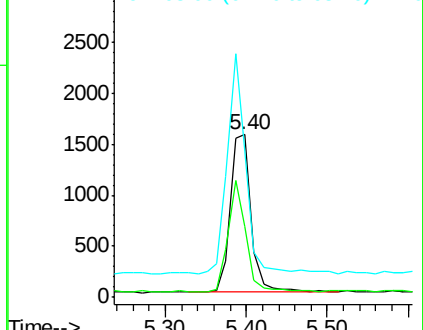
63 124.2 97.4 146.0



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.255 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099355.D

Acq: 25 Apr 2019 11:24

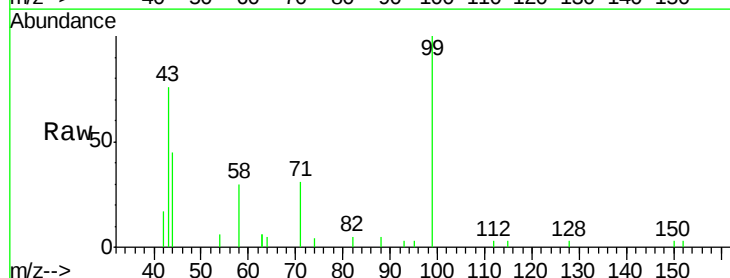
Tgt Ion: 99 Resp: 3612

Ion Ratio Lower Upper

99 100

42 16.3 11.7 17.5

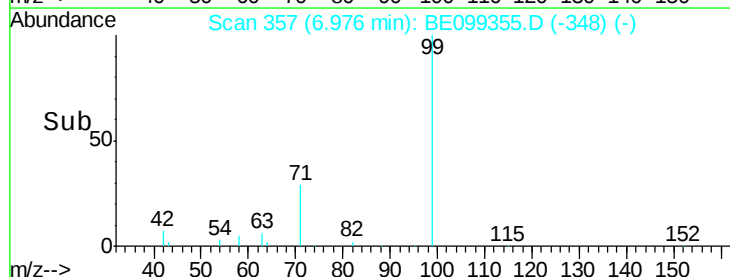
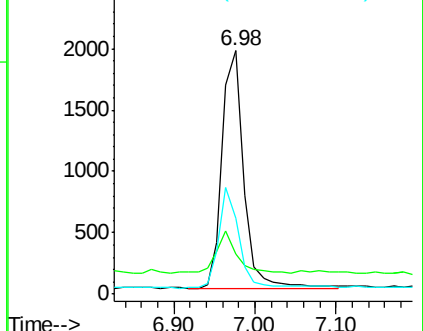
71 38.7 29.6 44.4

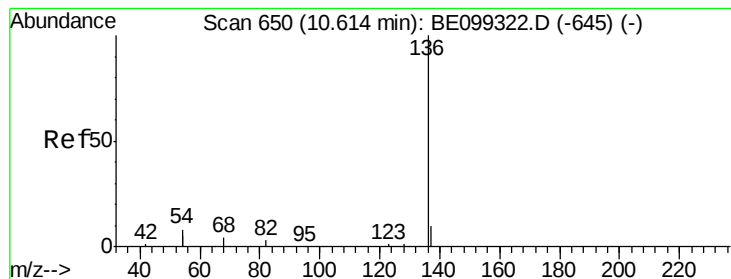


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099355.D

Acq: 25 Apr 2019 11:24

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 13444

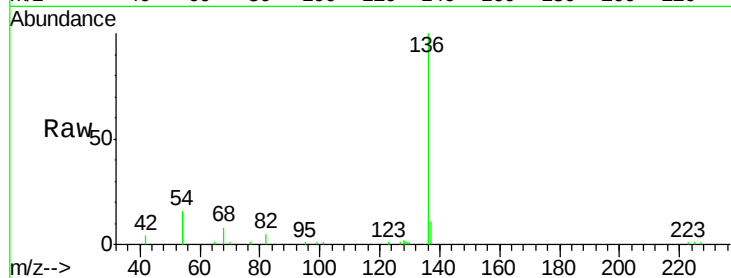
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 31.6 23.8 35.8

68 7.6 6.4 9.6

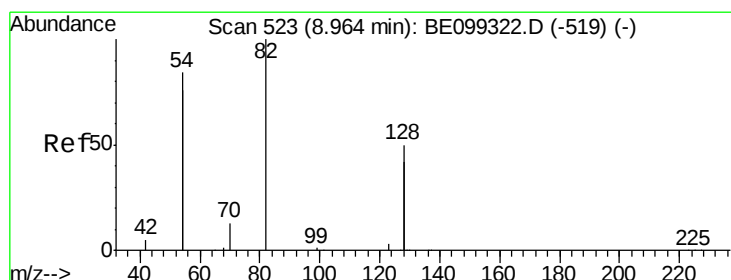
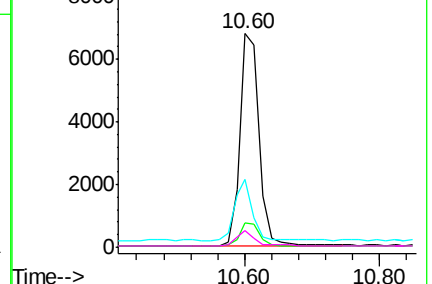
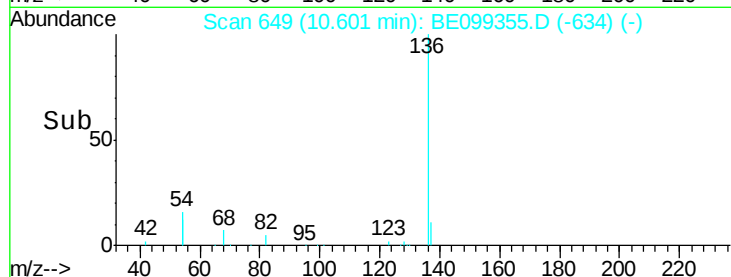


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.251 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099355.D

Acq: 25 Apr 2019 11:24

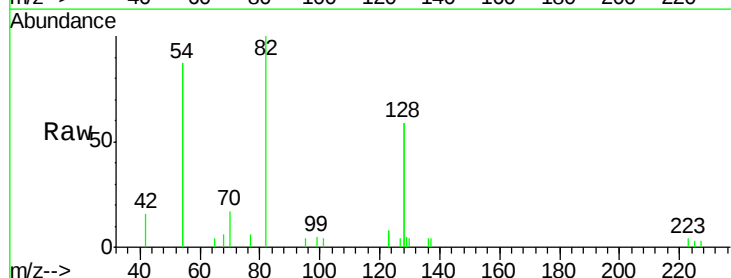
Tgt Ion: 82 Resp: 2618

Ion Ratio Lower Upper

82 100

128 117.2 91.7 137.5

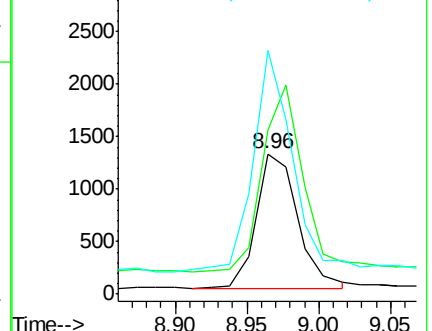
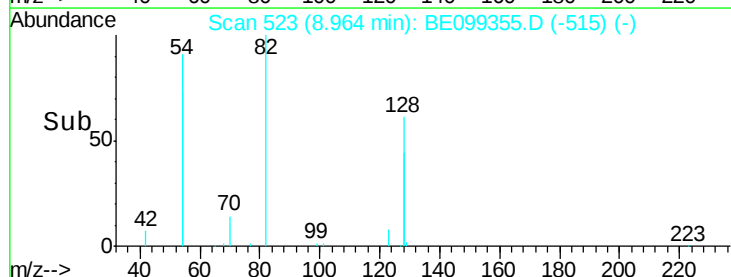
54 173.7 122.8 184.2

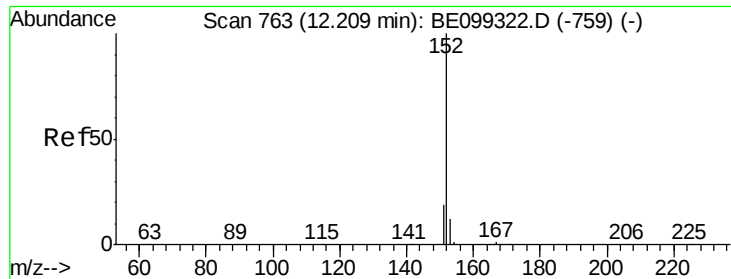


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

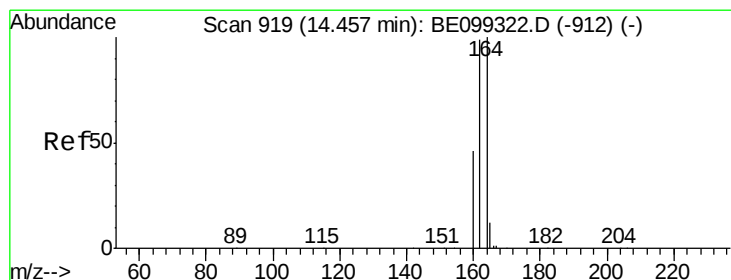
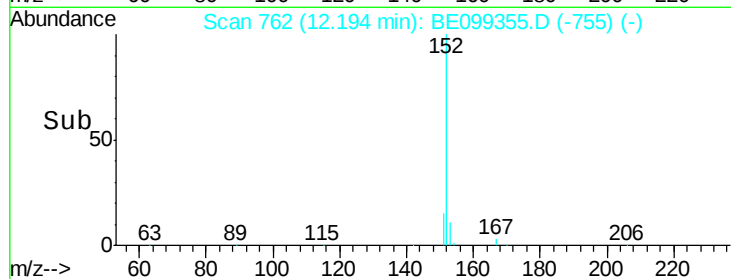
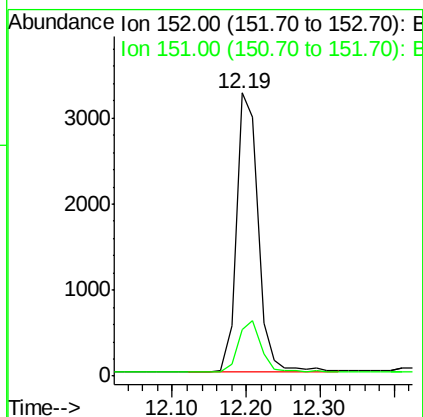
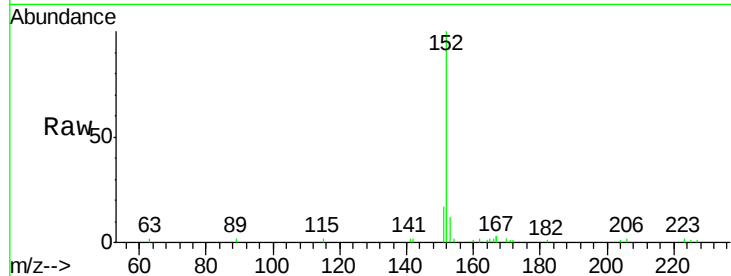




#11
 2-Methylnaphthalene-d10
 Concen: 0.279 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099355.D
 Acq: 25 Apr 2019 11:24

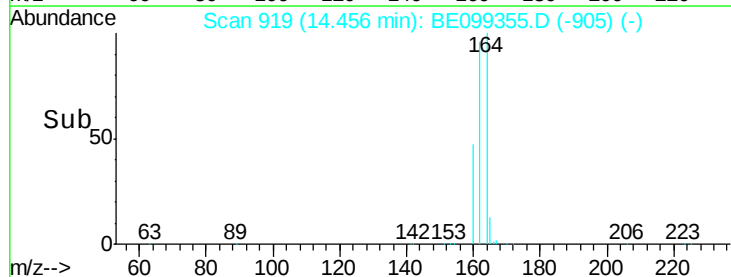
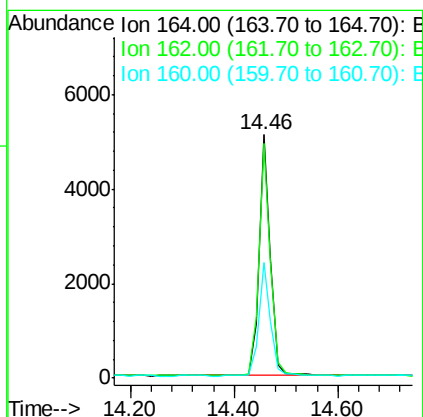
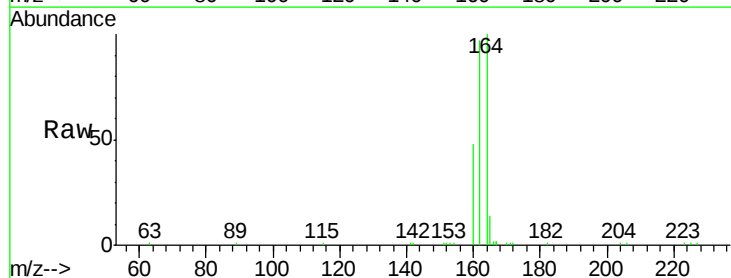
Instrument :
 BNA_E
 ClientSampleId :

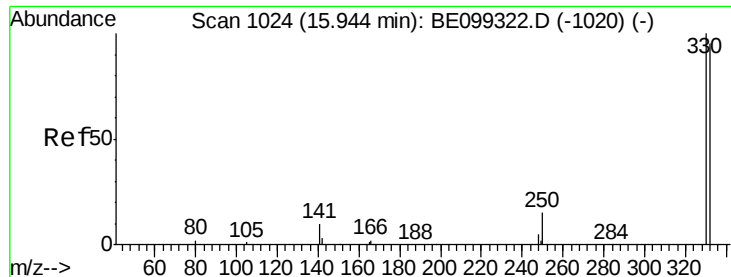
Tot Ion:152 Resp: 6628
 Ion Ratio Lower Upper
 152 100
 151 18.9 14.9 22.3



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099355.D
 Acq: 25 Apr 2019 11:24

Tgt Ion:164 Resp: 7893
 Ion Ratio Lower Upper
 164 100
 162 96.5 77.8 116.6
 160 47.6 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.208 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099355.D

Acq: 25 Apr 2019 11:24

Instrument :

BNA_E

ClientSampleId :

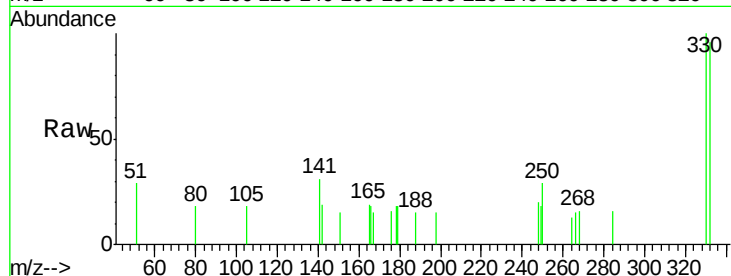
Tot Ion:330 Resp: 545

Ion Ratio Lower Upper

330 100

332 101.7 82.5 123.7

141 48.4 24.9 37.3#



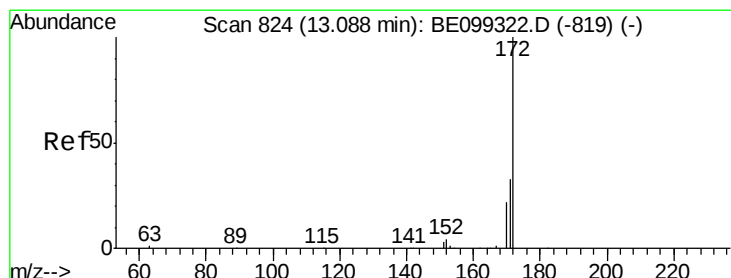
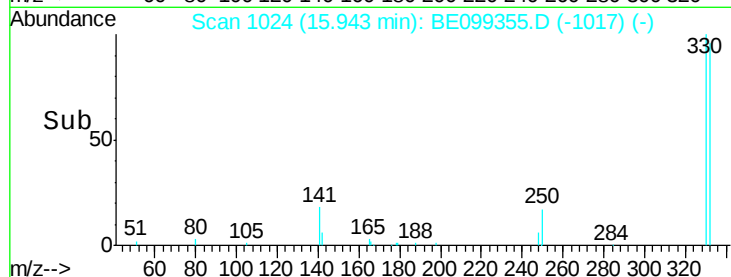
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.94

Time-->



#15

2-Fluorobiphenyl

Concen: 0.318 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE099355.D

Acq: 25 Apr 2019 11:24

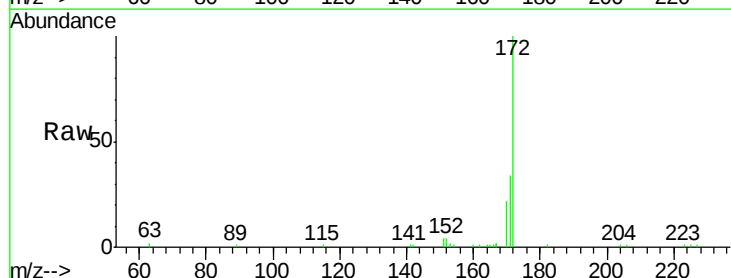
Tgt Ion:172 Resp: 9869

Ion Ratio Lower Upper

172 100

171 33.9 26.2 39.2

170 22.2 18.1 27.1



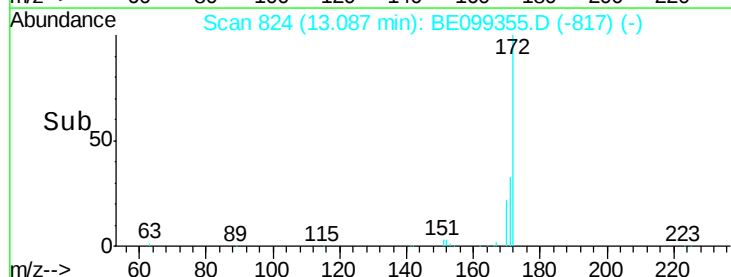
Abundance Ion 172.00 (171.70 to 172.70): E

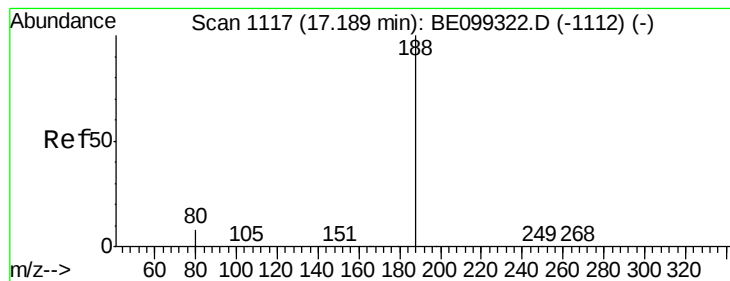
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

13.09

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099355.D

Acq: 25 Apr 2019 11:24

Instrument :

BNA_E

ClientSampleId :

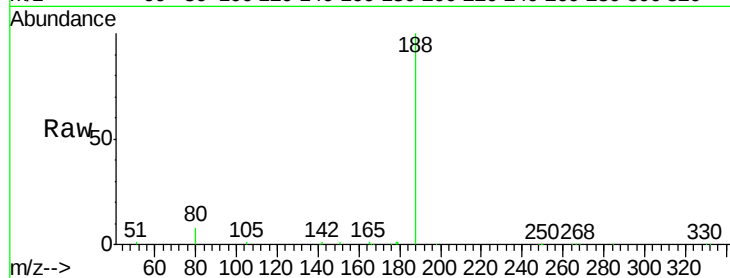
Tot Ion:188 Resp: 22366

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

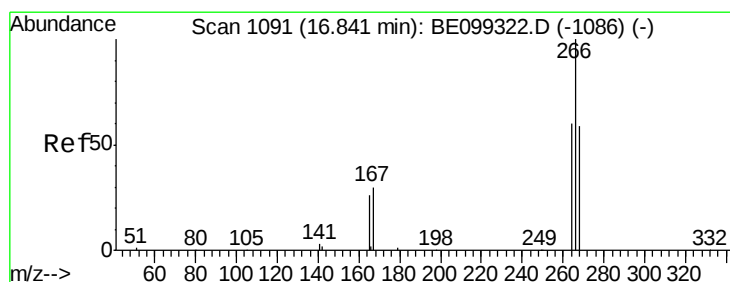
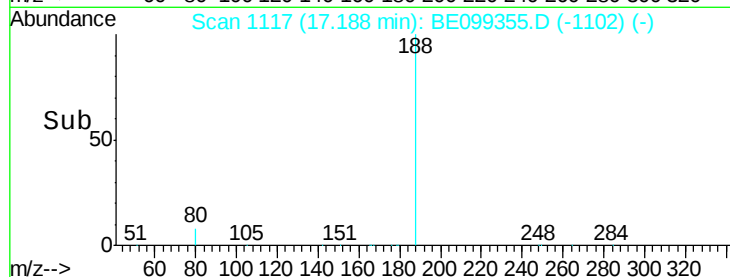
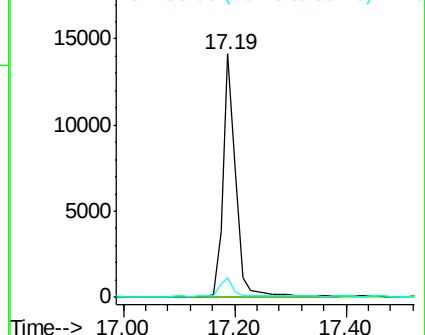
80 8.2 6.2 9.4



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: 0.224 ng

RT: 16.80 min Scan# 1088

Delta R.T. -0.04 min

Lab File: BE099355.D

Acq: 25 Apr 2019 11:24

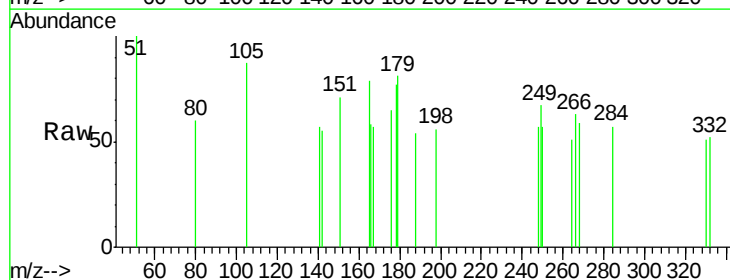
Tgt Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

264 80.7 54.5 81.7

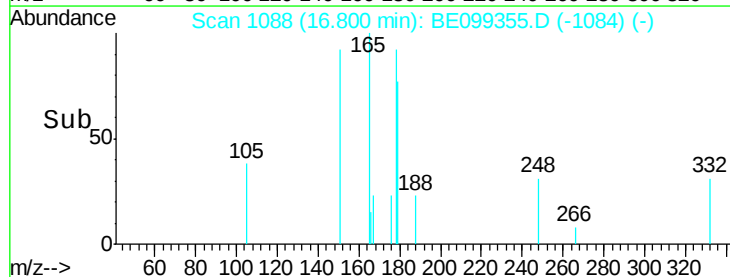
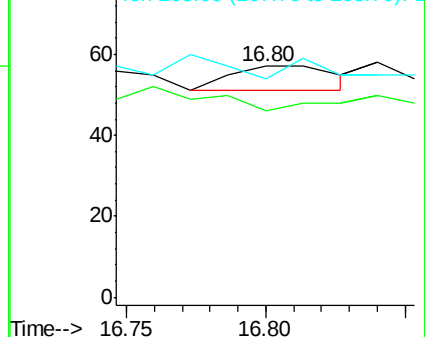
268 94.7 54.3 81.5#

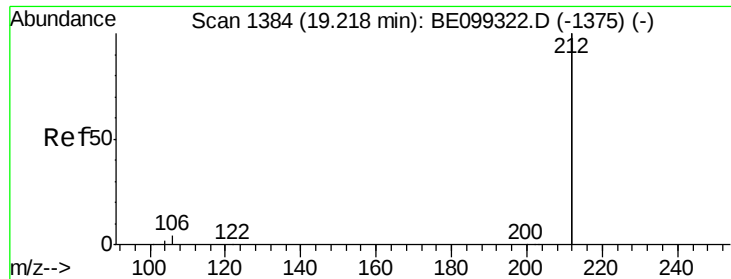


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.319 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099355.D

Acq: 25 Apr 2019 11:24

Instrument :

BNA_E

ClientSampleId :

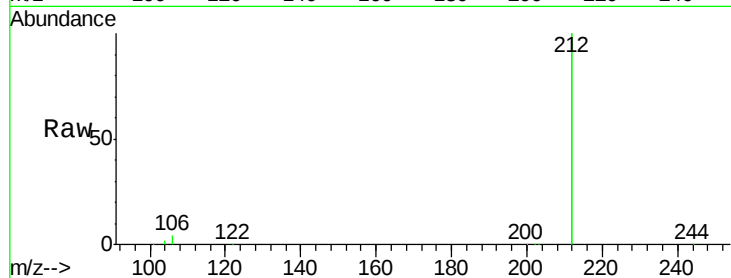
Tot Ion:212 Resp: 85834

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.6

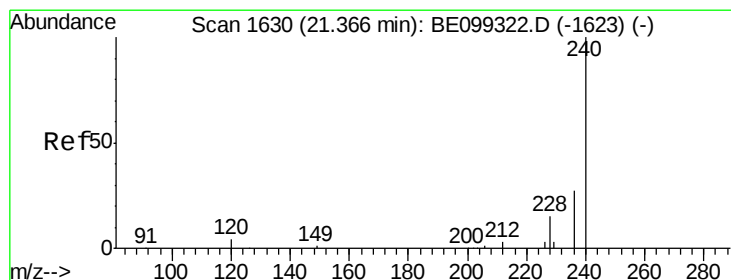
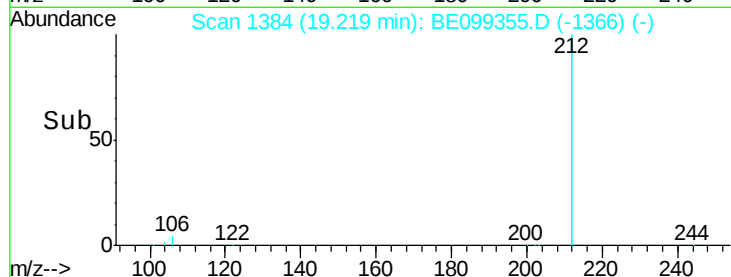
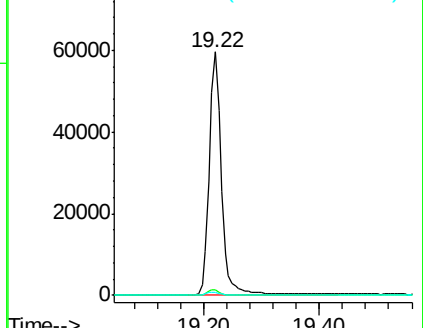
104 1.2 1.0 1.4



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: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099355.D

Acq: 25 Apr 2019 11:24

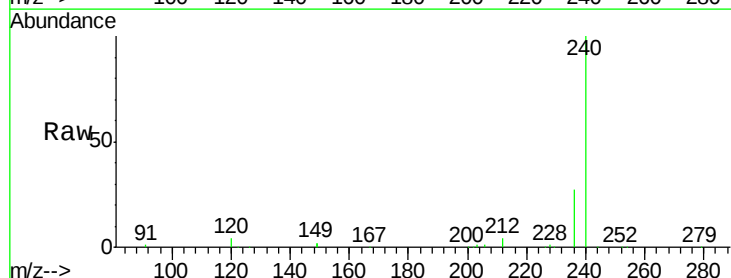
Tgt Ion:240 Resp: 29316

Ion Ratio Lower Upper

240 100

120 4.1 2.2 3.2#

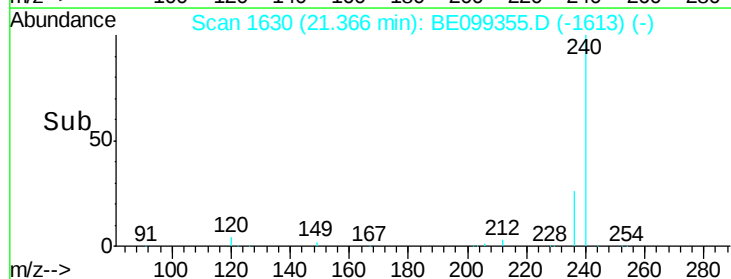
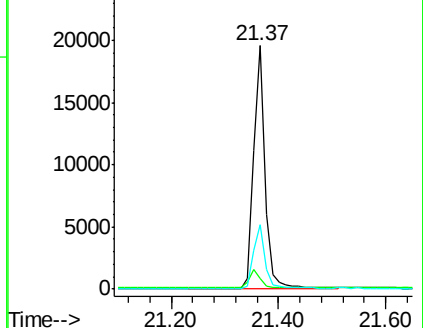
236 26.7 20.2 30.4

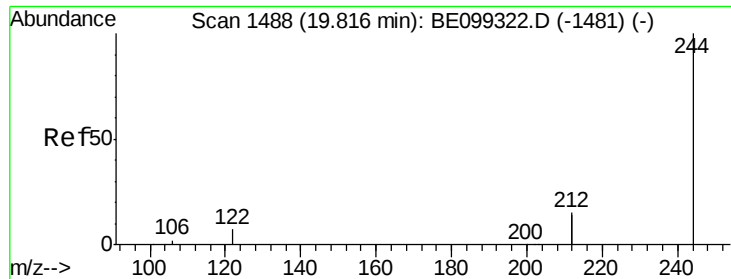


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.264 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE099355.D

Acq: 25 Apr 2019 11:24

Instrument :

BNA_E

ClientSampleId :

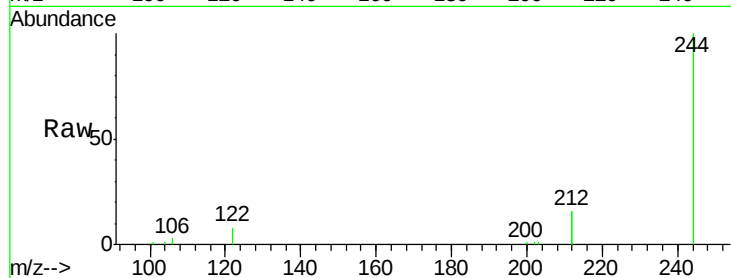
Tot Ion:244 Resp: 15223

Ion Ratio Lower Upper

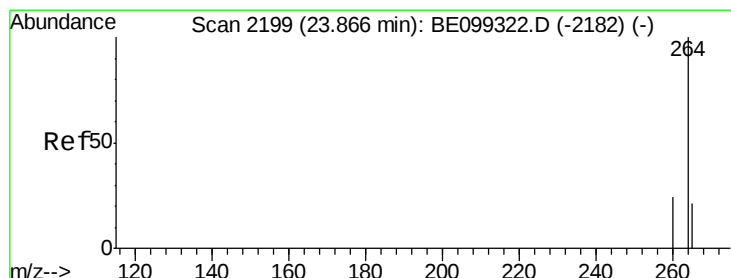
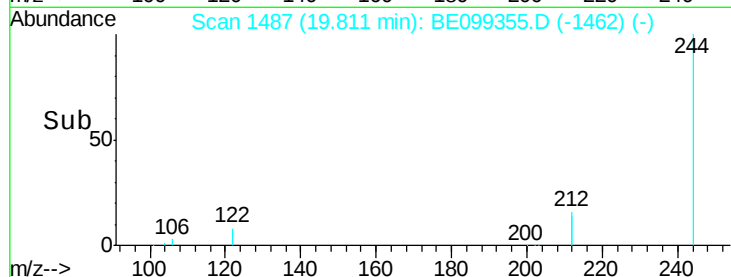
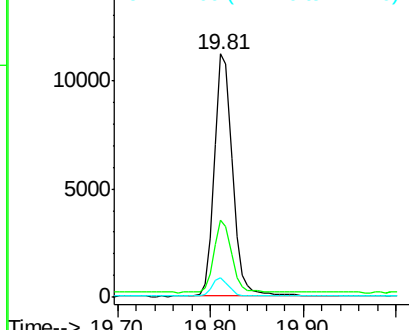
244 100

212 31.9 22.6 33.8

122 8.1 4.6 7.0#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BE099355.D

Acq: 25 Apr 2019 11:24

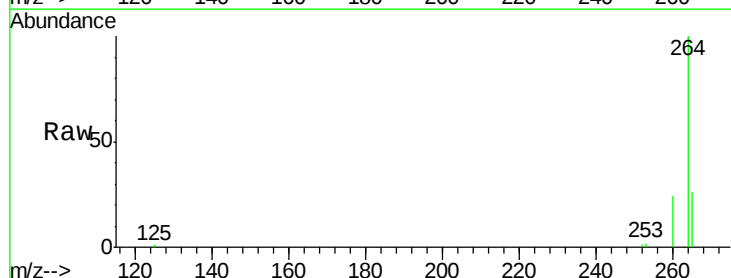
Tgt Ion:264 Resp: 32434

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

265 25.7 19.9 29.9



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

