

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099973.D
 Acq On : 13 Jun 2019 1:14
 Operator : JU/SJ
 Sample : K3255-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE126D3-20190604

Quant Time: Jun 13 04:12:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	1026	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	3490	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2659	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7582	0.40	ng	0.00
27) Chrysene-d12	21.39	240	10586	0.40	ng	-0.01
34) Perylene-d12	23.92	264	12165	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	379	0.14	ng	0.00
5) Phenol-d6	6.97	99	291	0.08	ng	0.00
8) Nitrobenzene-d5	8.98	82	1169	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2143	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	467	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4313	0.43	ng	-0.02
25) Fluoranthene-d10	19.24	212	40728	0.37	ng	-0.01
29) Terphenyl-d14	19.84	244	10686	0.56	ng	-0.01

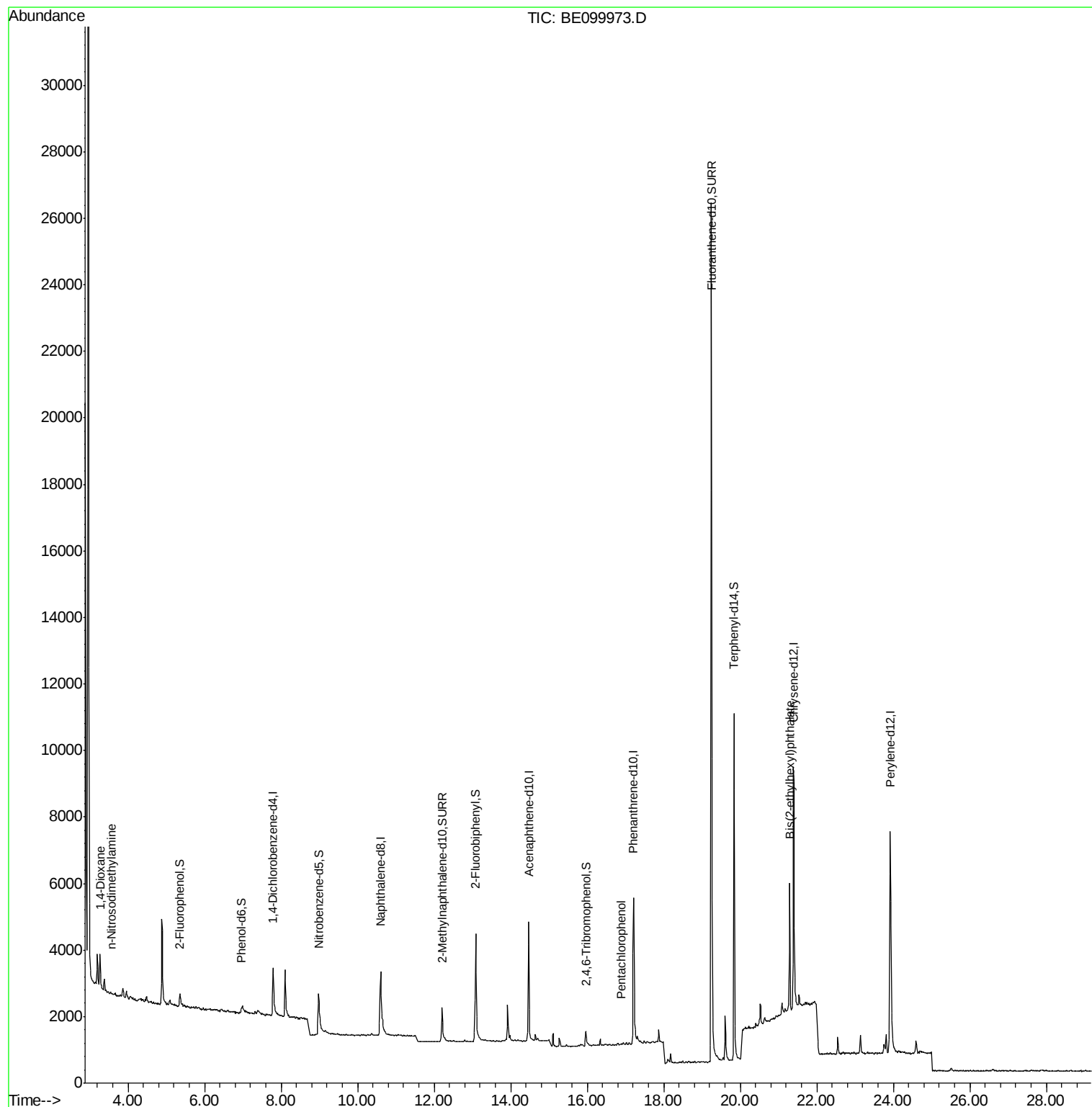
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	955	0.629	ng	# 83
3) n-Nitrosodimethylamine	3.57	42	35	0.040	ng	# 100
22) Pentachlorophenol	16.88	266	26	0.312	ng	85
32) Bis(2-ethylhexyl)phthalate	21.29	149	4709	0.104	ng	100

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

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ALS Vial : 15 Sample Multiplier: 1

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BNA_E
ClientSampleId :
RE126D3-20190604

Quant Time: Jun 13 04:12:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



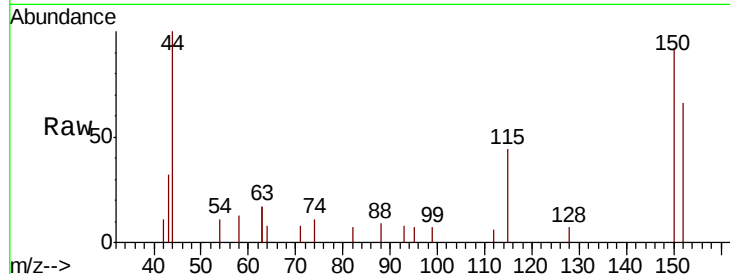


#1

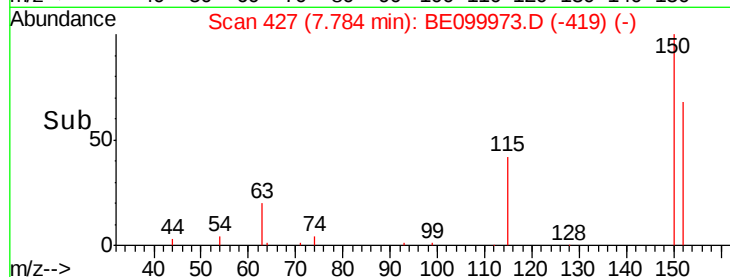
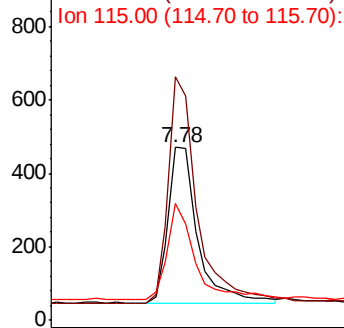
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099973.D
Acq: 13 Jun 2019 1:14

Instrument :
BNA_E
ClientSampleId :
RE126D3-20190604

Tgt Ion: 152 Resp: 1026
Ion Ratio Lower Upper
152 100
150 140.8 111.0 166.6
115 67.7 50.7 76.1



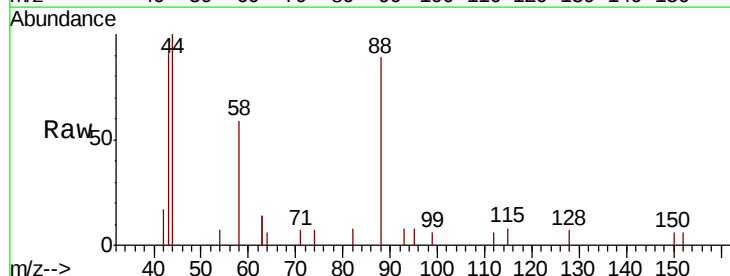
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



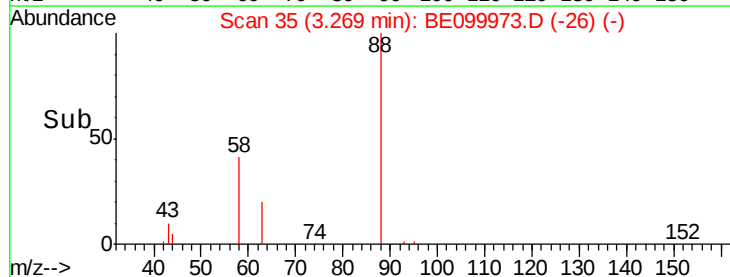
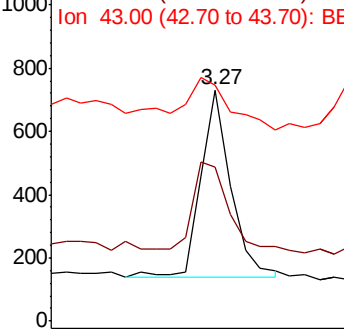
#2

1,4-Dioxane
Concen: 0.629 ng
RT: 3.27 min Scan# 35
Delta R.T. 0.00 min
Lab File: BE099973.D
Acq: 13 Jun 2019 1:14

Tgt Ion: 88 Resp: 955
Ion Ratio Lower Upper
88 100
58 51.1 48.8 73.2
43 37.8 19.0 28.6#



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: 0.040 ng

RT: 3.57 min Scan# 61

Delta R.T. -0.03 min

Lab File: BE099973.D

Acq: 13 Jun 2019 1:14

Instrument :

BNA_E

ClientSampleId :

RE126D3-20190604

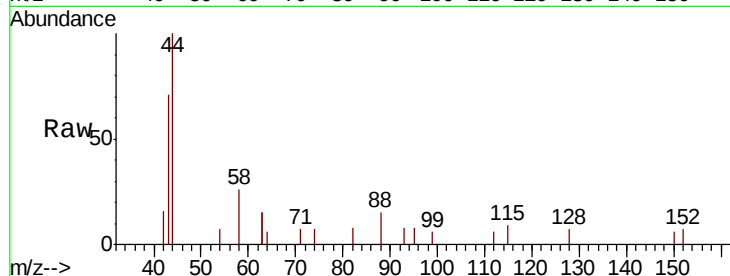
Tgt Ion: 42 Resp: 35

Ion Ratio Lower Upper

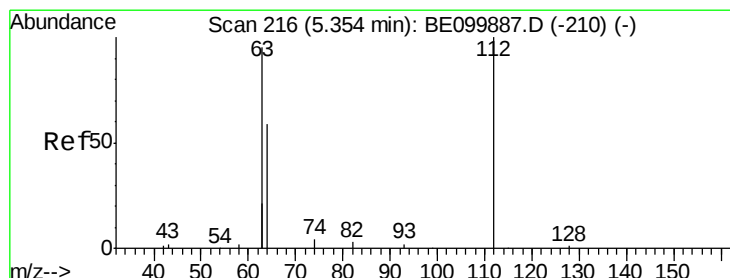
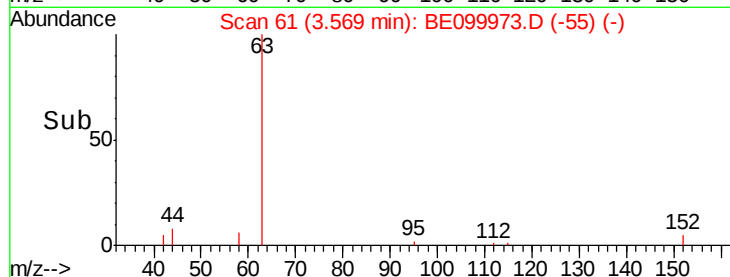
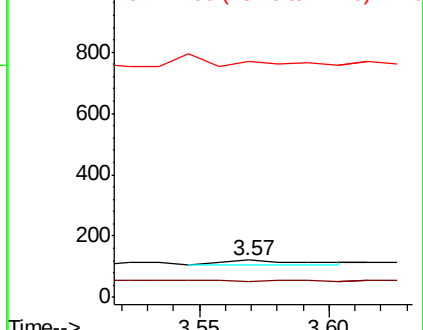
42 100

74 0.0 0.0 0.0

44 0.0 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: 0.137 ng

RT: 5.35 min Scan# 216

Delta R.T. 0.00 min

Lab File: BE099973.D

Acq: 13 Jun 2019 1:14

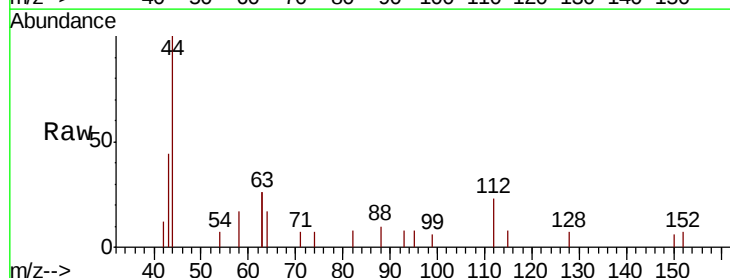
Tgt Ion: 112 Resp: 379

Ion Ratio Lower Upper

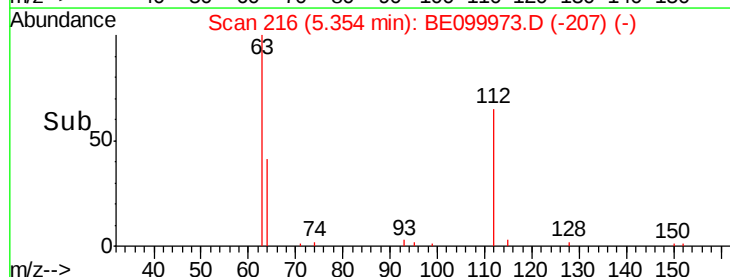
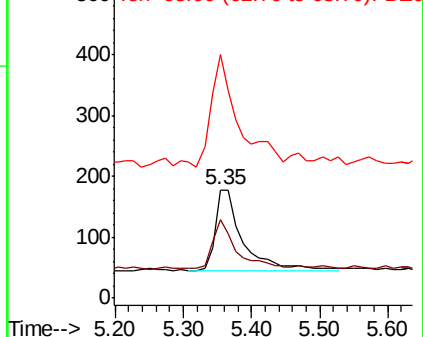
112 100

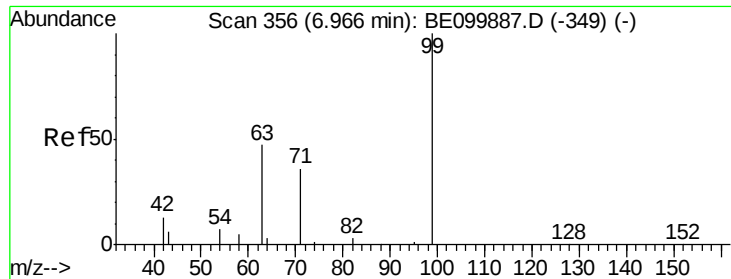
64 52.2 44.1 66.1

63 118.5 87.8 131.6



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: 0.082 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099973.D

Acq: 13 Jun 2019 1:14

Instrument :

BNA_E

ClientSampleId :

RE126D3-20190604

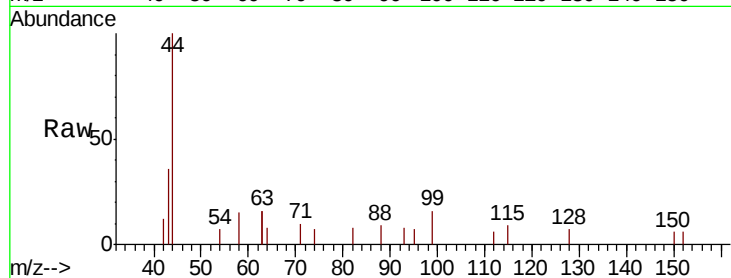
Tgt Ion: 99 Resp: 291

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

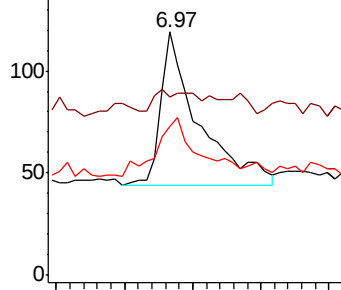
71 38.8 34.6 52.0



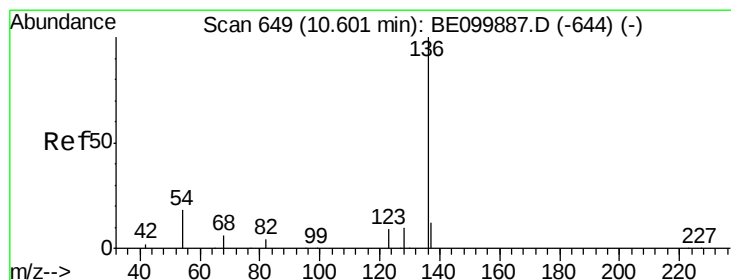
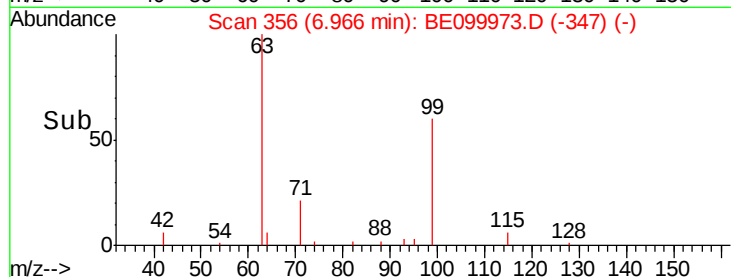
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 6.90 7.00 7.10



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099973.D

Acq: 13 Jun 2019 1:14

Tgt Ion: 136 Resp: 3490

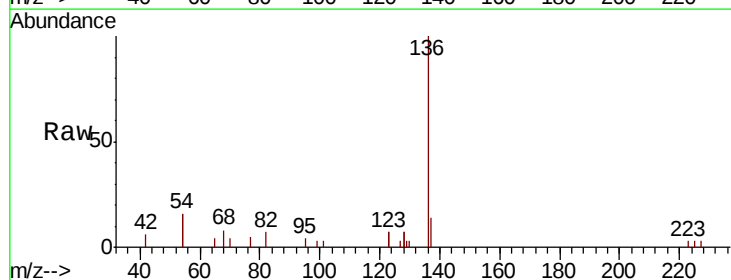
Ion Ratio Lower Upper

136 100

137 13.6 12.3 18.5

54 32.5 28.2 42.4

68 8.1 7.8 11.8

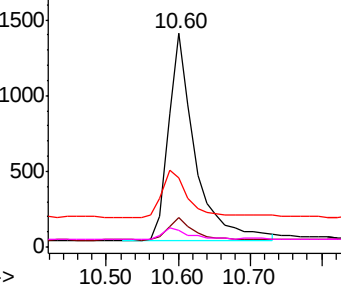


Abundance Ion 136.00 (135.70 to 136.70): E

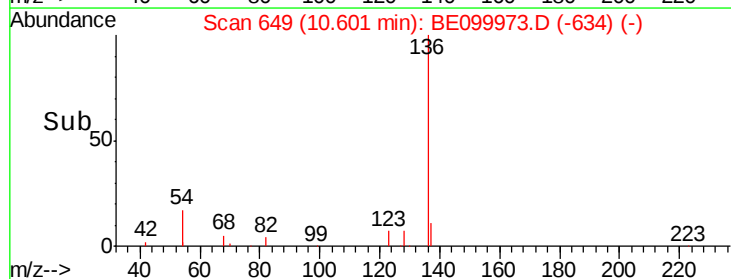
Ion 137.00 (136.70 to 137.70): E

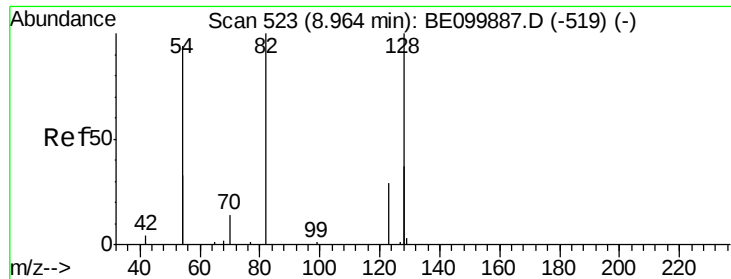
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.50 10.60 10.70





#8

Nitrobenzene-d5

Concen: 0.354 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099973.D

Acq: 13 Jun 2019 1:14

Instrument :

BNA_E

ClientSampleId :

RE126D3-20190604

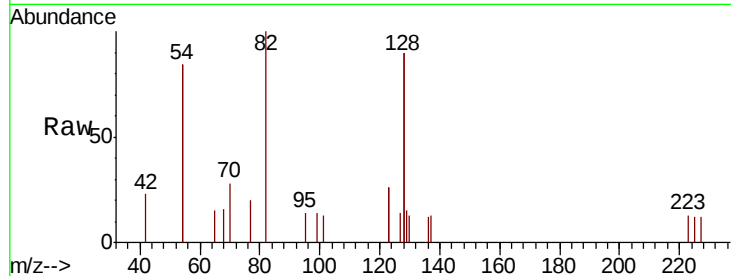
Tgt Ion: 82 Resp: 1169

Ion Ratio Lower Upper

82 100

128 179.6 137.3 205.9

54 168.5 129.7 194.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

800

600

400

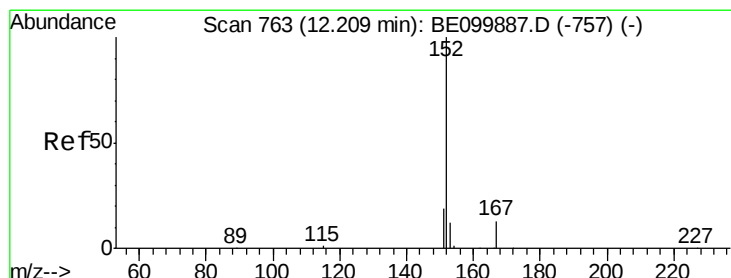
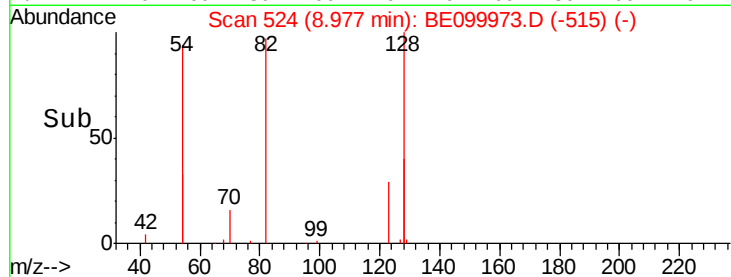
200

0

8.98

8.90 9.00 9.10

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.352 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099973.D

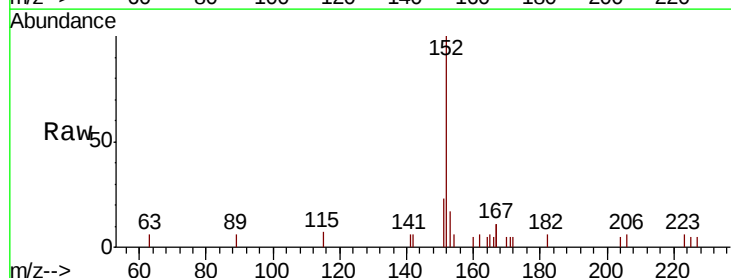
Acq: 13 Jun 2019 1:14

Tgt Ion: 152 Resp: 2143

Ion Ratio Lower Upper

152 100

151 20.3 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

800

600

400

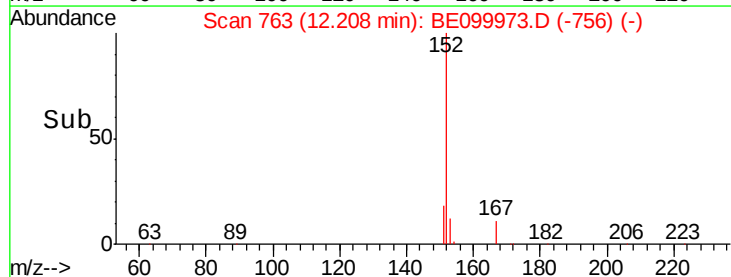
200

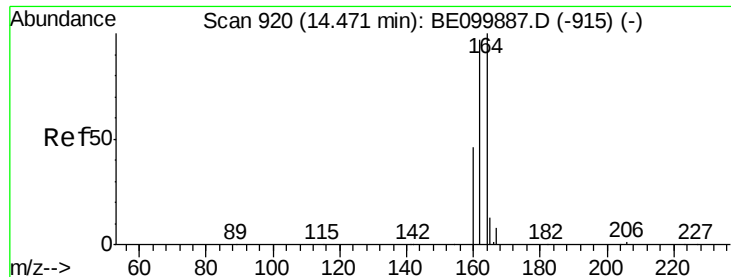
0

12.21

12.20 12.40

Time-->

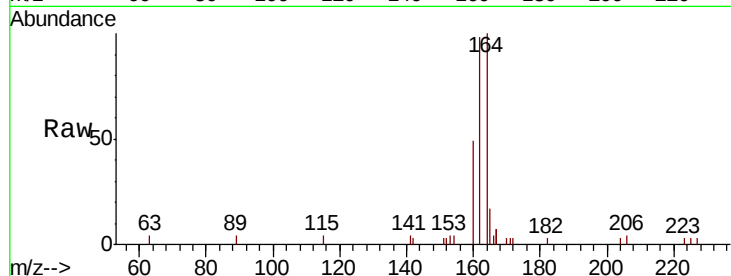




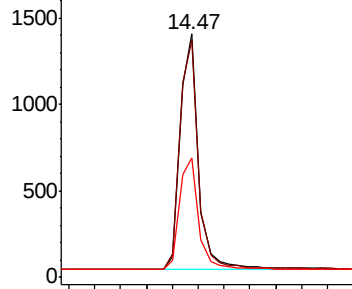
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099973.D
 Acq: 13 Jun 2019 1:14

Instrument :
 BNA_E
 ClientSampleId :
 RE126D3-20190604

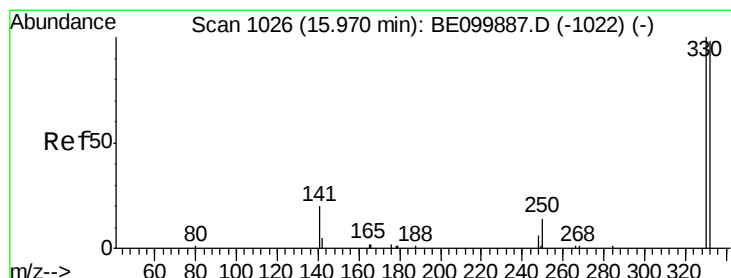
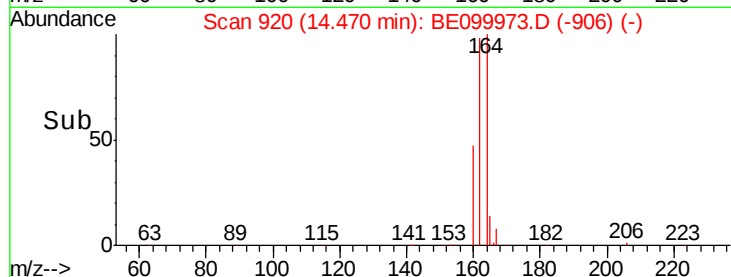
Tgt Ion:164 Resp: 2659
 Ion Ratio Lower Upper
 164 100
 162 97.7 77.8 116.8
 160 49.1 38.2 57.4



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

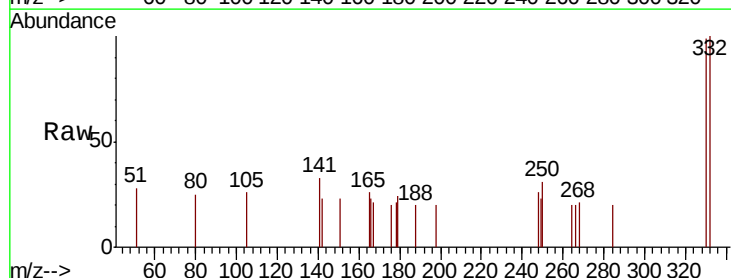


Time-->

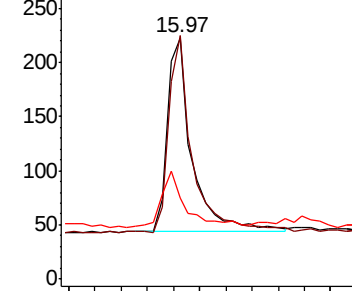


#14
 2,4,6-Tribromophenol
 Concen: 0.238 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099973.D
 Acq: 13 Jun 2019 1:14

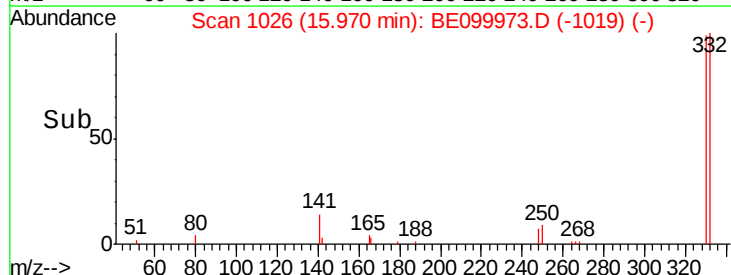
Tgt Ion:330 Resp: 467
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.7 115.1
 141 27.8 21.0 31.6

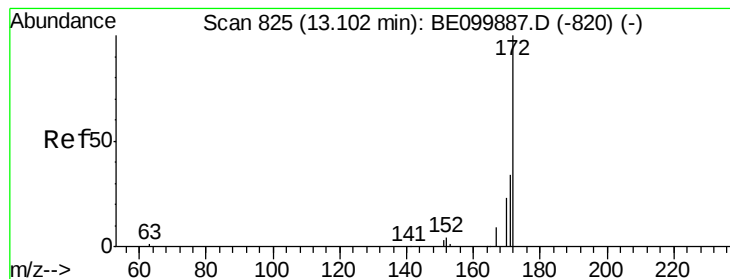


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





#15

2-Fluorobiphenyl

Concen: 0.428 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.02 min

Lab File: BE099973.D

Acq: 13 Jun 2019 1:14

Instrument :

BNA_E

ClientSampleId :

RE126D3-20190604

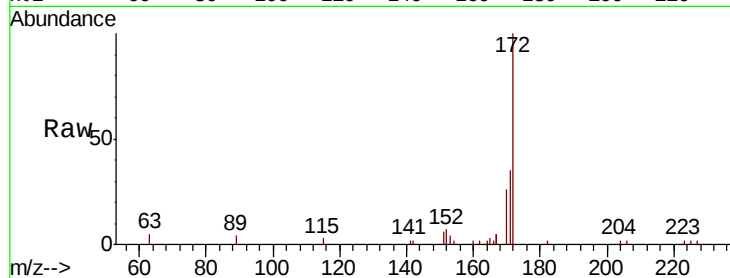
Tgt Ion:172 Resp: 4313

Ion Ratio Lower Upper

172 100

171 35.2 29.2 43.8

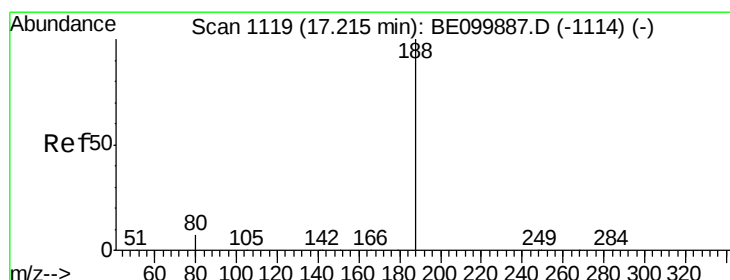
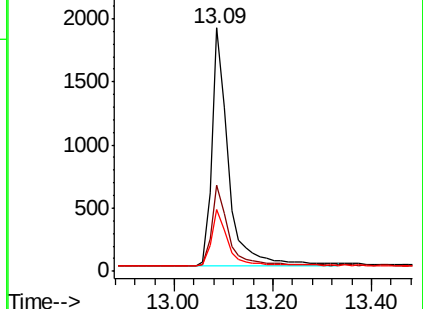
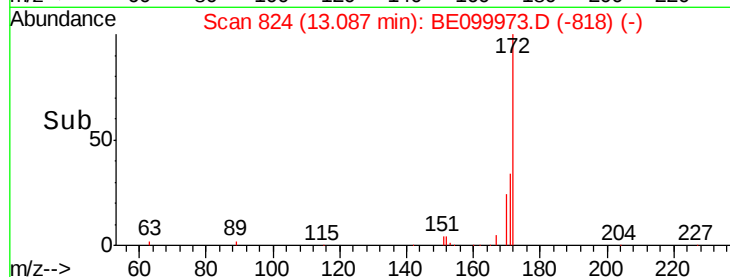
170 25.5 21.2 31.8



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099973.D

Acq: 13 Jun 2019 1:14

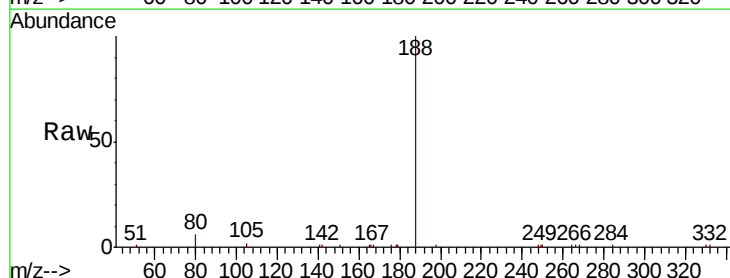
Tgt Ion:188 Resp: 7582

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

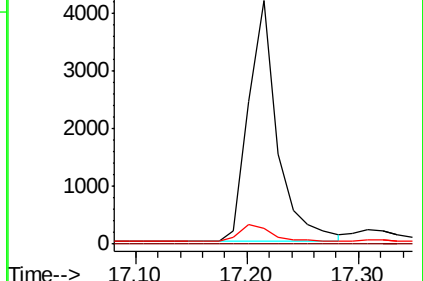
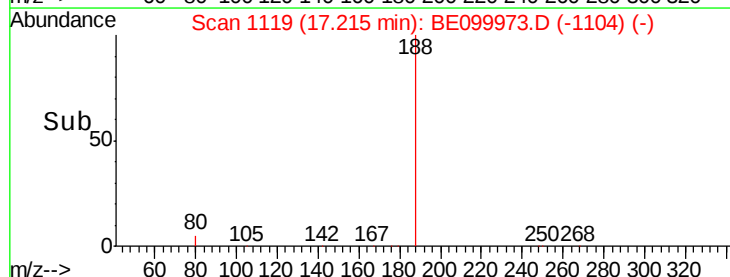
80 6.4 6.4 9.6

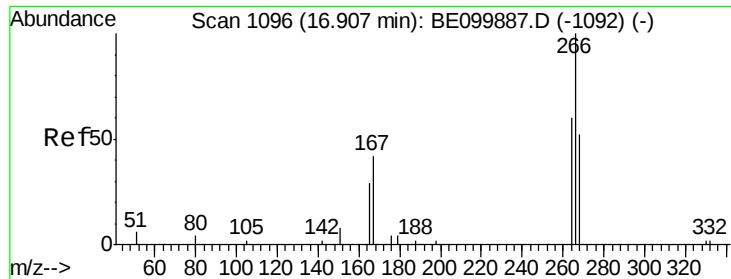


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

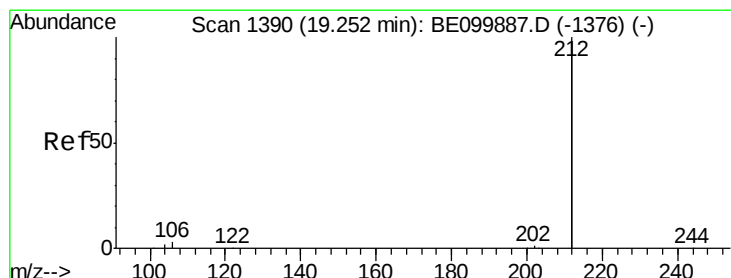
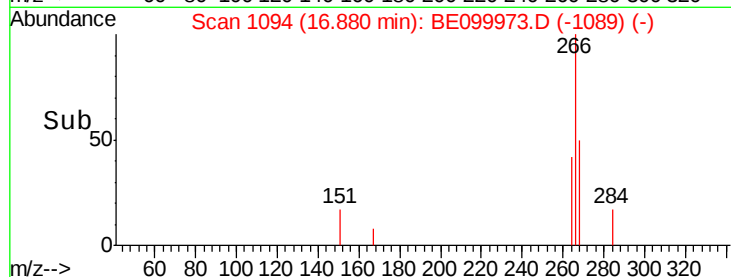
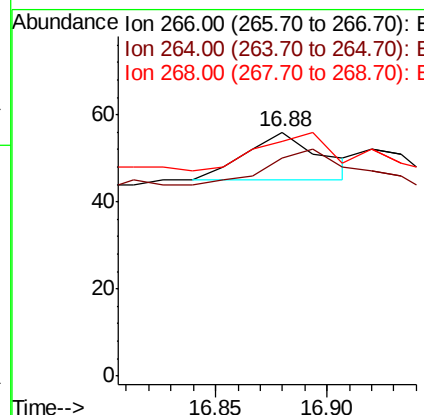
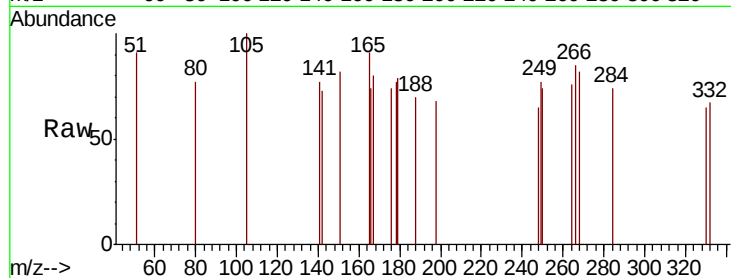




#22
 Pentachlorophenol
 Concen: 0.312 ng
 RT: 16.88 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BE099973.D
 Acq: 13 Jun 2019 1:14

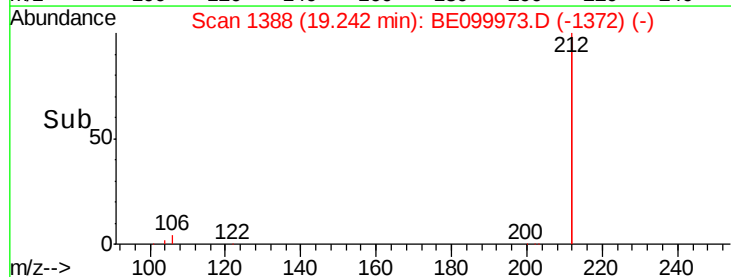
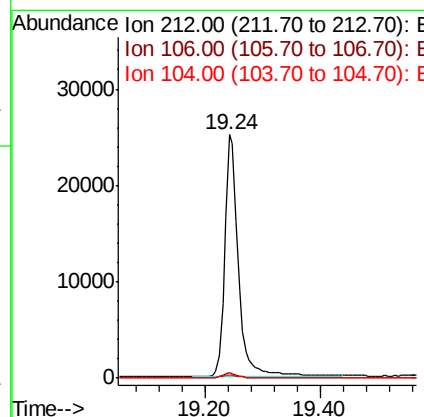
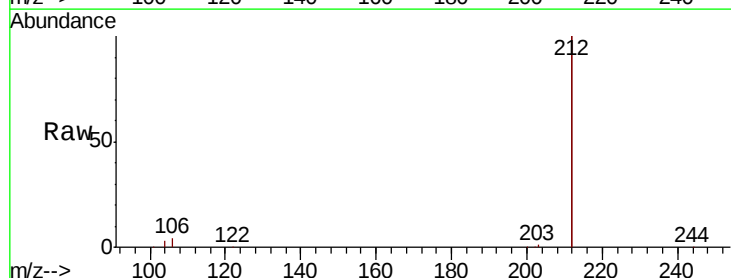
Instrument :
 BNA_E
 ClientSampleId :
 RE126D3-20190604

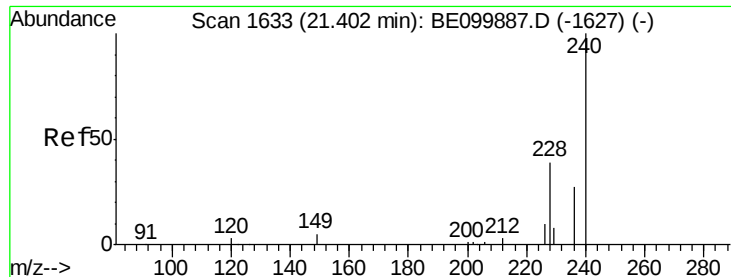
Tgt Ion: 266 Resp: 26
 Ion Ratio Lower Upper
 266 100
 264 89.3 62.2 93.2
 268 96.4 65.5 98.3



#25
 Fluoranthene-d10
 Concen: 0.369 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE099973.D
 Acq: 13 Jun 2019 1:14

Tgt Ion: 212 Resp: 40728
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.2 0.9 1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099973.D

Acq: 13 Jun 2019 1:14

Instrument :

BNA_E

ClientSampleId :

RE126D3-20190604

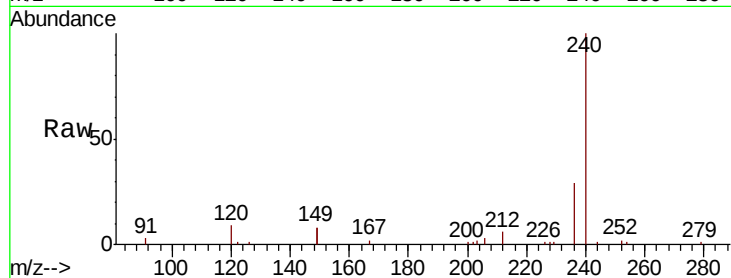
Tgt Ion:240 Resp: 10586

Ion Ratio Lower Upper

240 100

120 8.7 3.8 5.6#

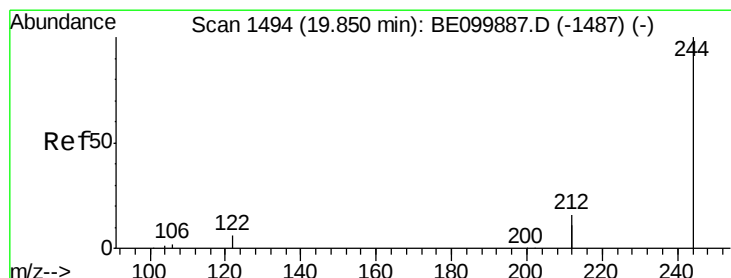
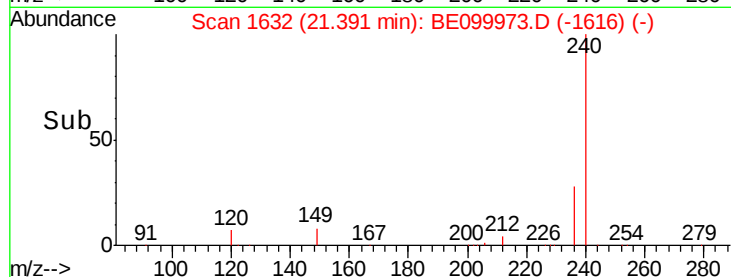
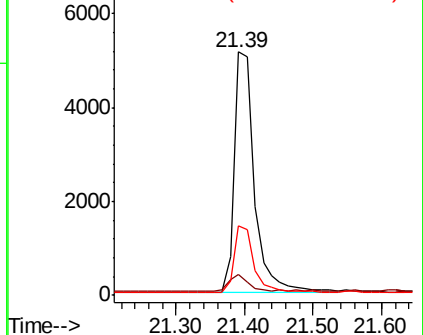
236 28.5 22.0 33.0



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: 0.561 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099973.D

Acq: 13 Jun 2019 1:14

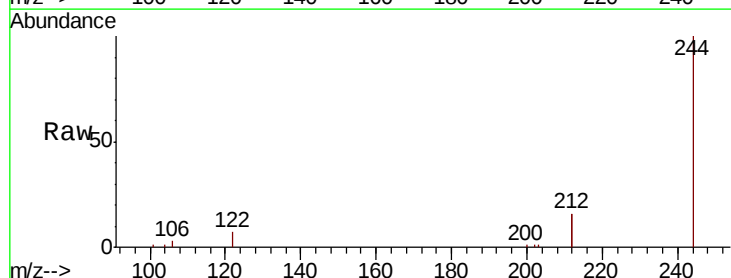
Tgt Ion:244 Resp: 10686

Ion Ratio Lower Upper

244 100

212 31.8 25.7 38.5

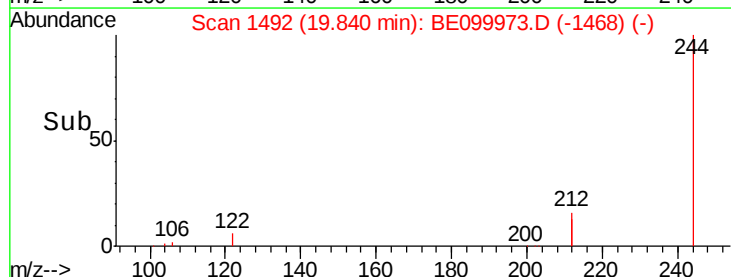
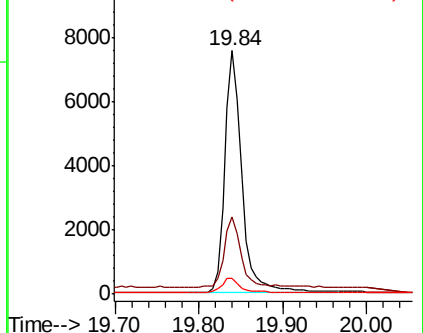
122 6.5 5.5 8.3

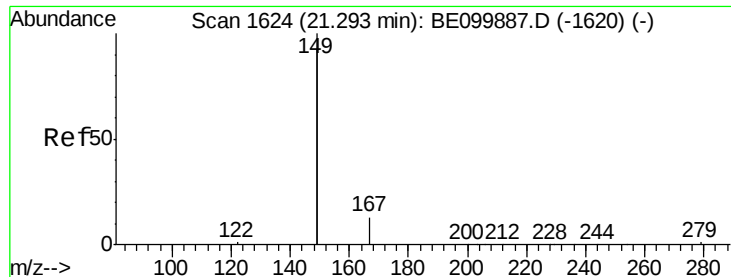


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.104 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099973.D

Acq: 13 Jun 2019 1:14

Instrument :

BNA_E

ClientSampleId :

RE126D3-20190604

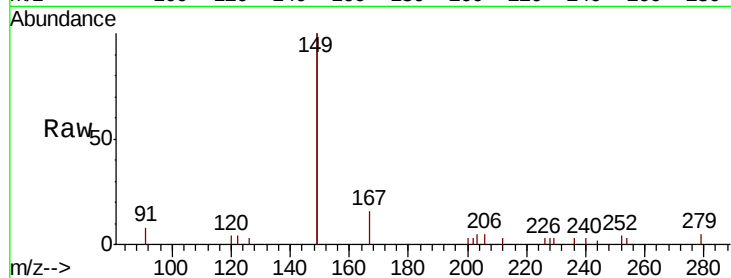
Tgt Ion:149 Resp: 4709

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

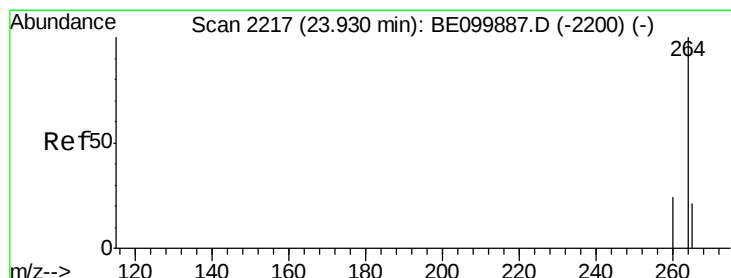
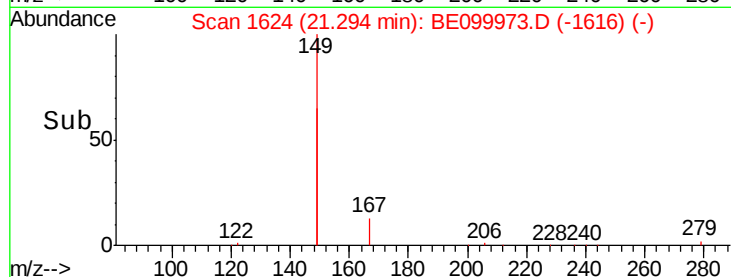
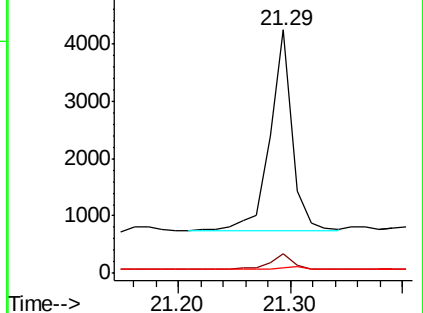
279 1.3 1.2 1.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BE099973.D

Acq: 13 Jun 2019 1:14

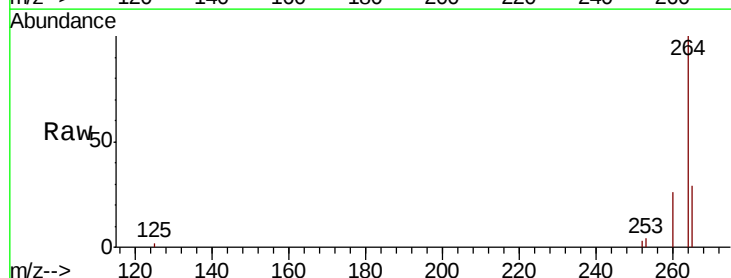
Tgt Ion:264 Resp: 12165

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

265 29.2 22.0 33.0



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

