

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099920.D
 Acq On : 11 Jun 2019 12:41
 Operator : JU/SJ
 Sample : K3223-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW014-190605

Quant Time: Jun 12 03:42:27 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	697	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2391	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1866	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6526	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9057	0.40	ng	0.00
34) Perylene-d12	23.93	264	9766	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	249	0.13	ng	0.00
5) Phenol-d6	6.97	99	196	0.08	ng	0.00
8) Nitrobenzene-d5	8.96	82	752	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1445	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	159	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	2523	0.36	ng	-0.01
25) Fluoranthene-d10	19.25	212	34044	0.36	ng	0.00
29) Terphenyl-d14	19.85	244	7724	0.47	ng	0.00

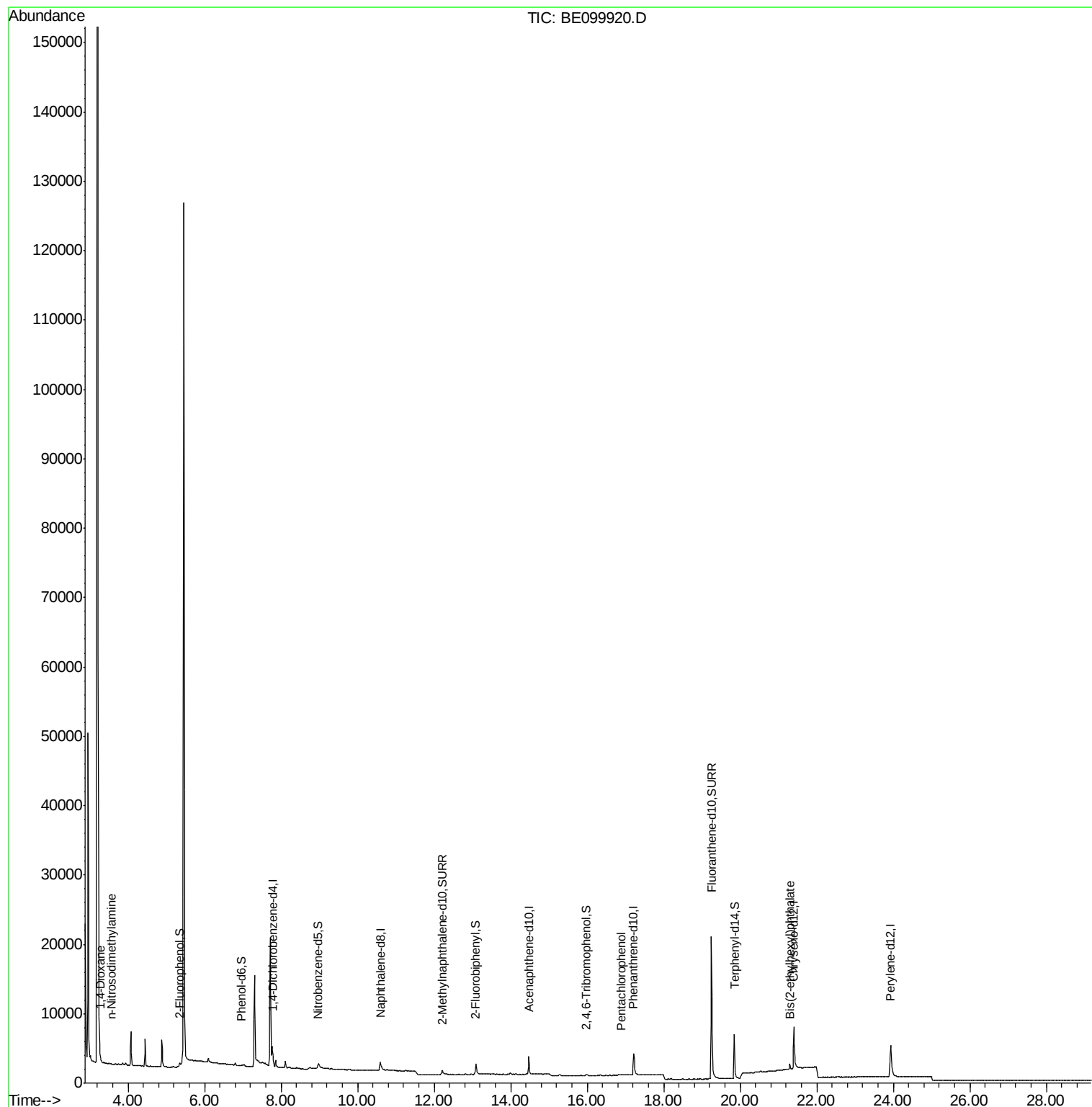
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	61	0.059	ng	# 29
3) n-Nitrosodimethylamine	3.56	42	34	0.057	ng	# 100
22) Pentachlorophenol	16.89	266	10	0.305	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.29	149	1080	0.028	ng	# 97

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

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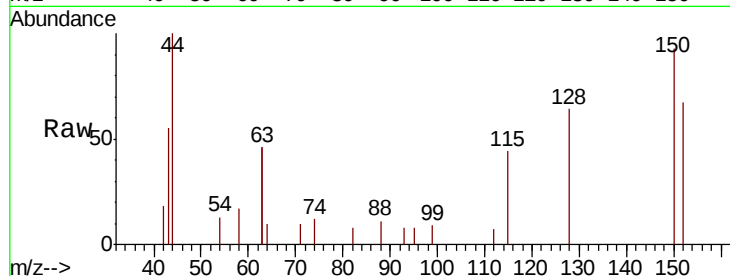


#1

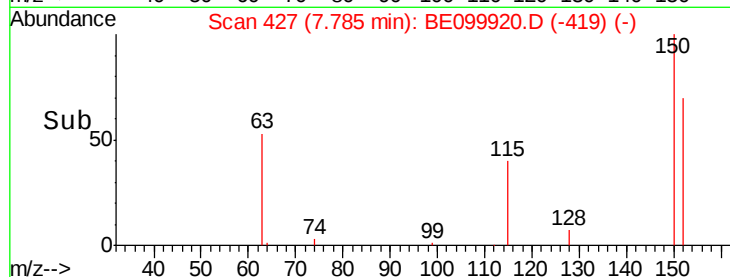
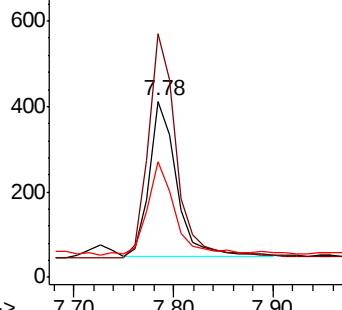
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.78 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BE099920.D
 Acq: 11 Jun 2019 12:41

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW014-190605

Tgt Ion: 152 Resp: 697
 Ion Ratio Lower Upper
 152 100
 150 138.0 111.0 166.6
 115 65.9 50.7 76.1



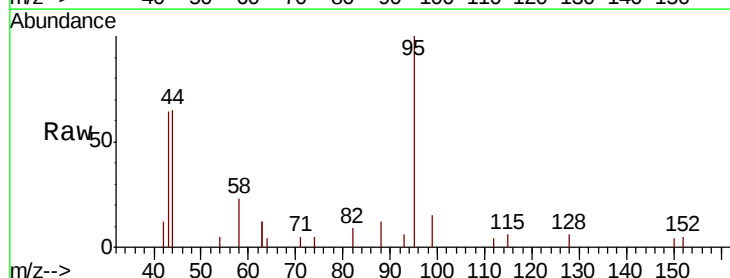
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



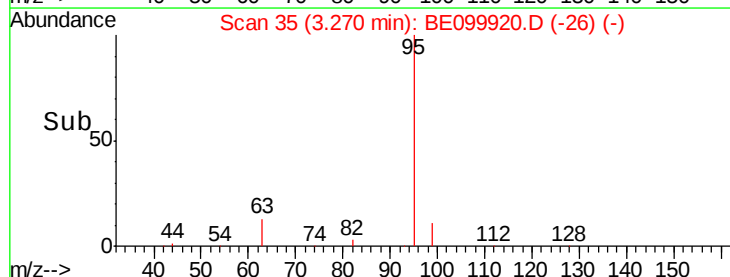
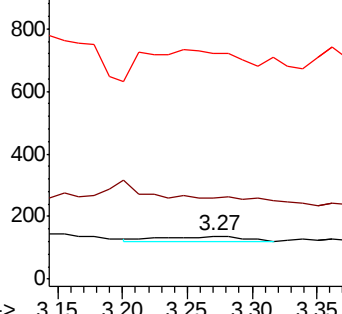
#2

1,4-Dioxane
 Concen: 0.059 ng
 RT: 3.27 min Scan# 35
 Delta R.T. 0.00 min
 Lab File: BE099920.D
 Acq: 11 Jun 2019 12:41

Tgt Ion: 88 Resp: 61
 Ion Ratio Lower Upper
 88 100
 58 0.0 48.8 73.2#
 43 0.0 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: 0.057 ng

RT: 3.56 min Scan# 60

Delta R.T. -0.05 min

Lab File: BE099920.D

Acq: 11 Jun 2019 12:41

Instrument :

BNA_E

ClientSampleId :

SS043MW014-190605

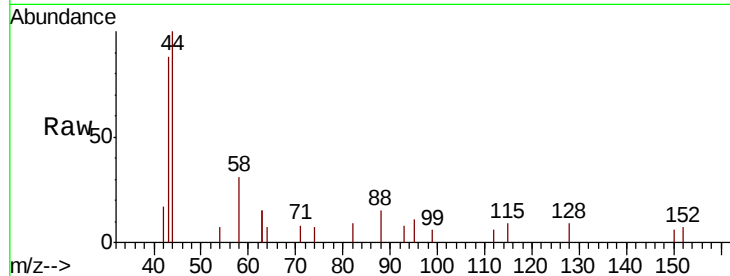
Tgt Ion: 42 Resp: 34

Ion Ratio Lower Upper

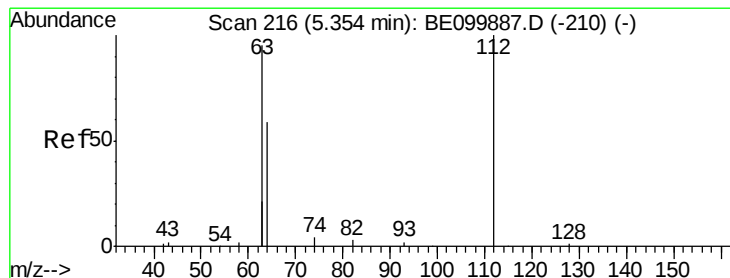
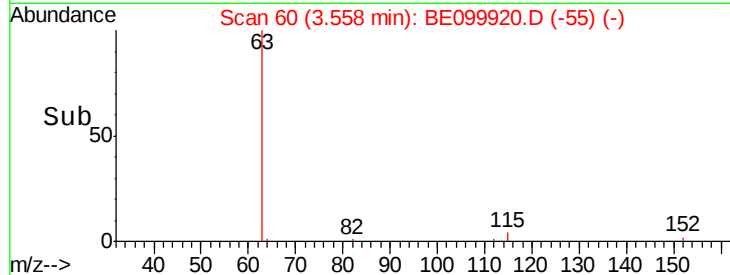
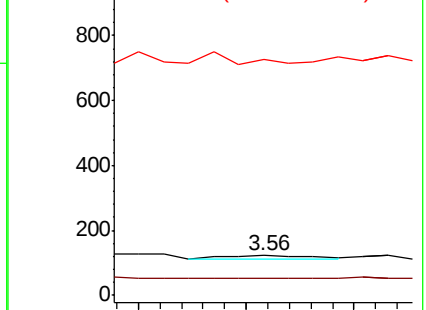
42 100

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: 0.132 ng

RT: 5.35 min Scan# 216

Delta R.T. 0.00 min

Lab File: BE099920.D

Acq: 11 Jun 2019 12:41

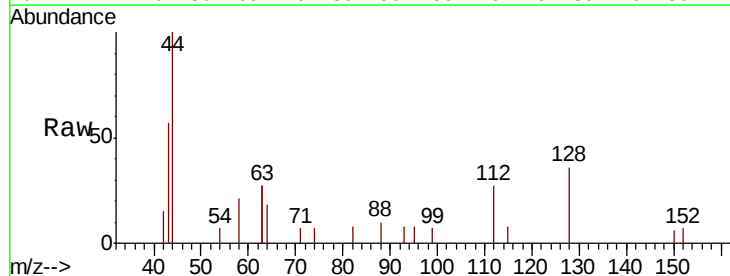
Tgt Ion: 112 Resp: 249

Ion Ratio Lower Upper

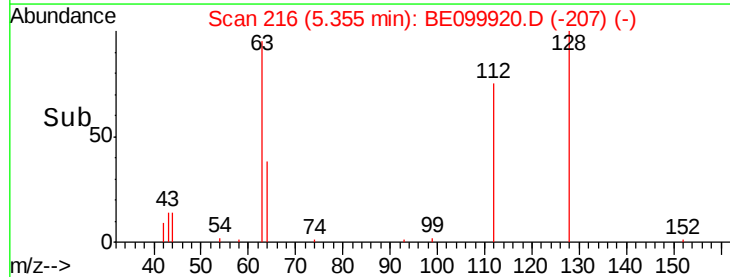
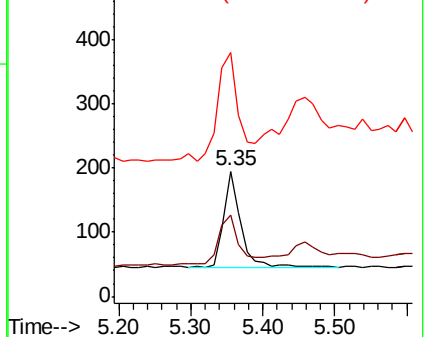
112 100

64 59.8 44.1 66.1

63 138.2 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: 0.081 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099920.D

Acq: 11 Jun 2019 12:41

Instrument :

BNA_E

ClientSampleId :

SS043MW014-190605

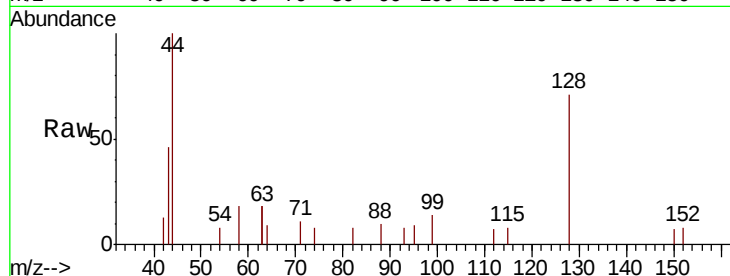
Tgt Ion: 99 Resp: 196

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

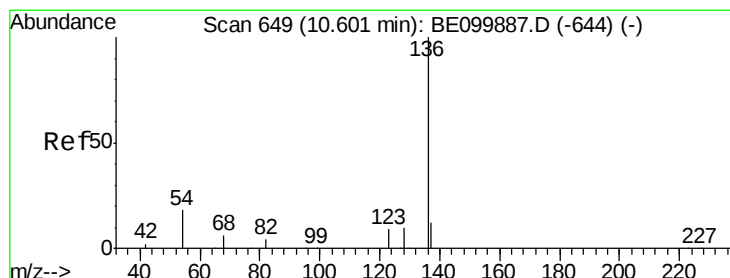
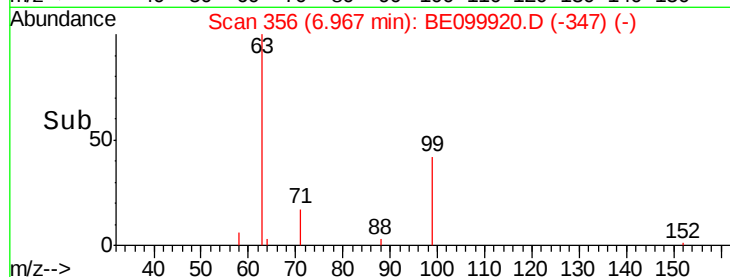
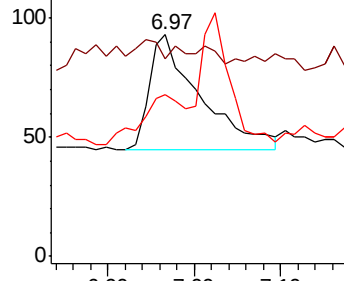
71 36.2 34.6 52.0



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099920.D

Acq: 11 Jun 2019 12:41

Tgt Ion: 136 Resp: 2391

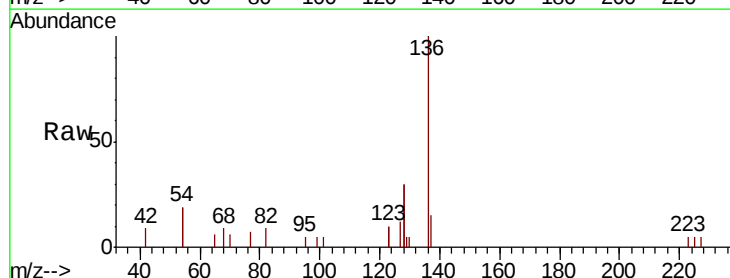
Ion Ratio Lower Upper

136 100

137 14.7 12.3 18.5

54 38.7 28.2 42.4

68 9.5 7.8 11.8

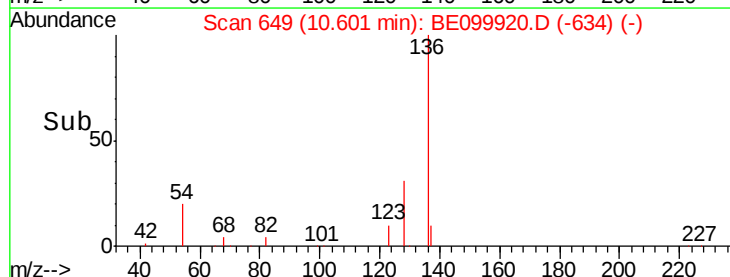
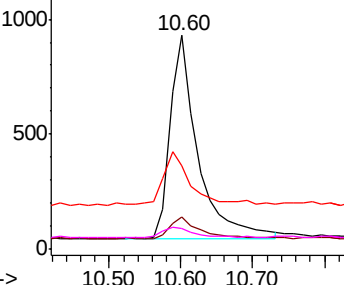


Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.332 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099920.D

Acq: 11 Jun 2019 12:41

Instrument :

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ClientSampleId :

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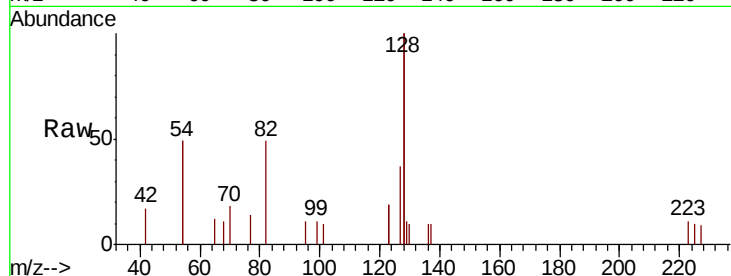
Tgt Ion: 82 Resp: 752

Ion Ratio Lower Upper

82 100

128 407.0 137.3 205.9#

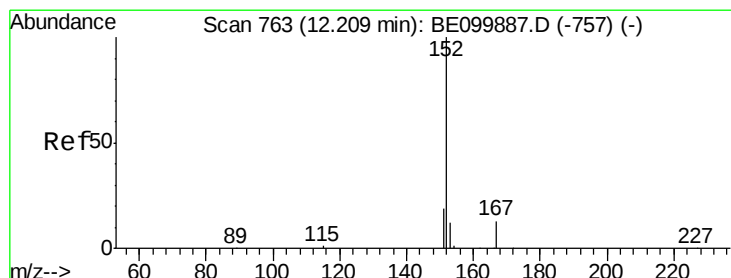
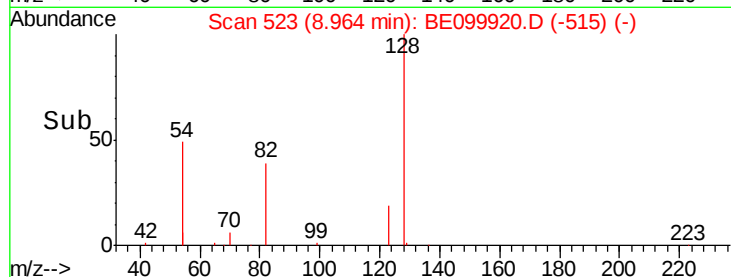
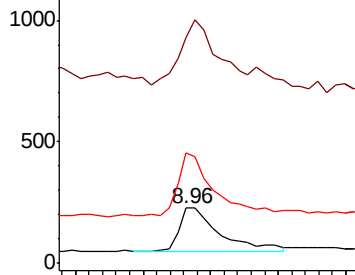
54 199.1 129.7 194.5#



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



#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099920.D

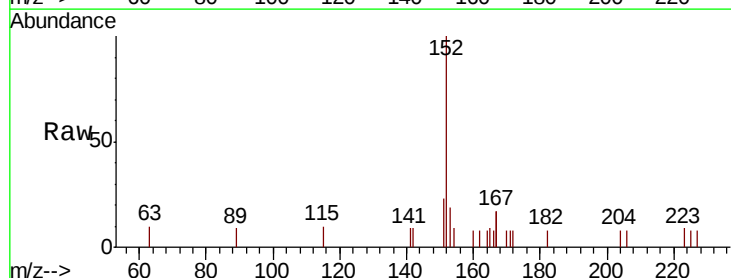
Acq: 11 Jun 2019 12:41

Tgt Ion: 152 Resp: 1445

Ion Ratio Lower Upper

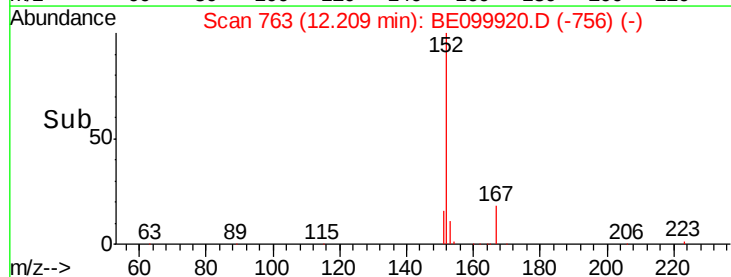
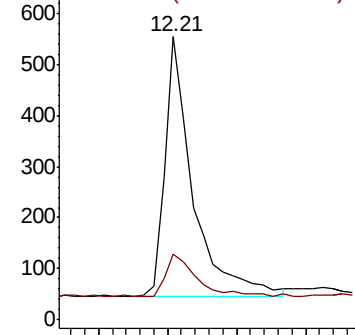
152 100

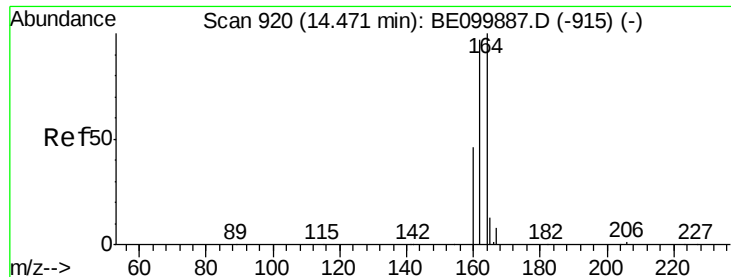
151 19.2 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

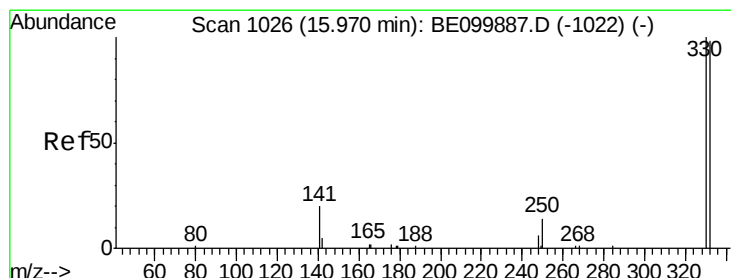
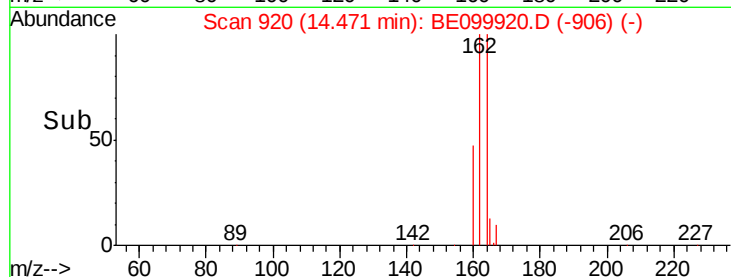
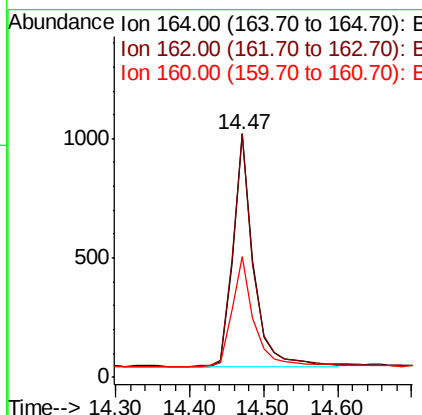
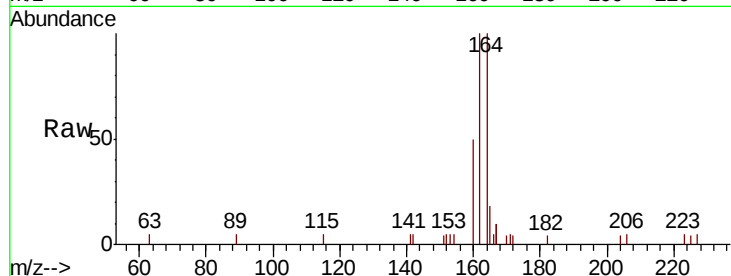




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099920.D
Acq: 11 Jun 2019 12:41

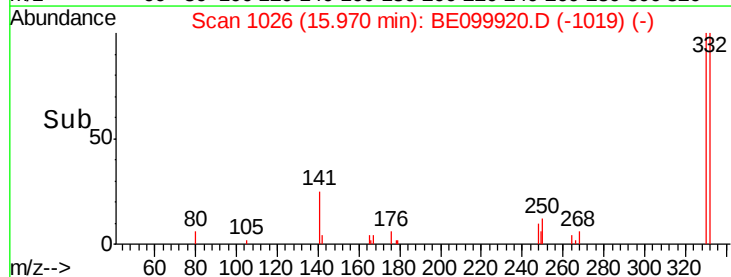
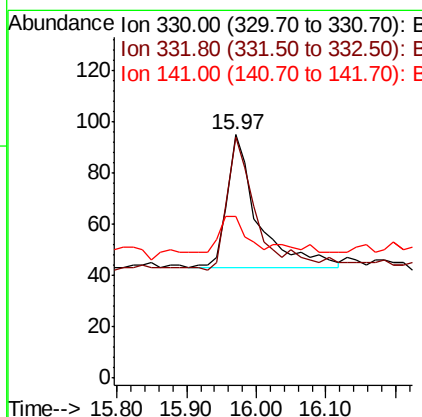
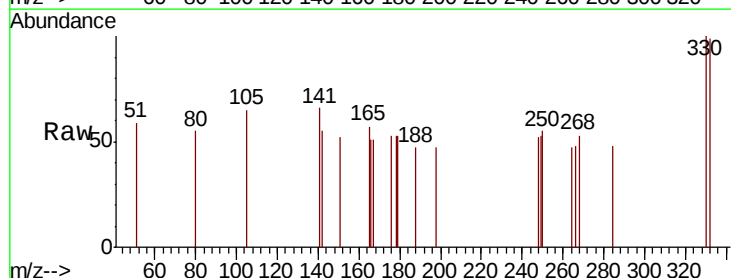
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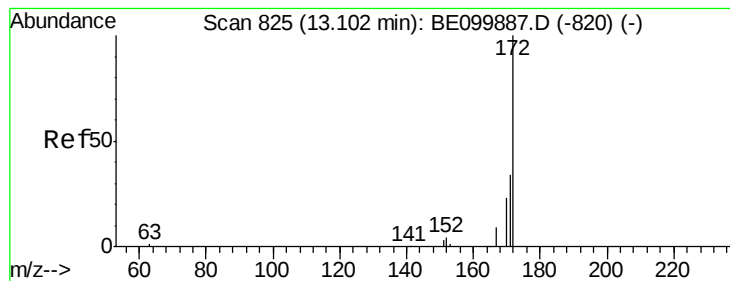
Tgt Ion:164 Resp: 1866
Ion Ratio Lower Upper
164 100
162 99.9 77.8 116.8
160 49.8 38.2 57.4



#14
2,4,6-Tribromophenol
Concen: 0.115 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099920.D
Acq: 11 Jun 2019 12:41

Tgt Ion:330 Resp: 159
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 22.0 21.0 31.6





#15

2-Fluorobiphenyl

Concen: 0.357 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE099920.D

Acq: 11 Jun 2019 12:41

Instrument :

BNA_E

ClientSampleId :

SS043MW014-190605

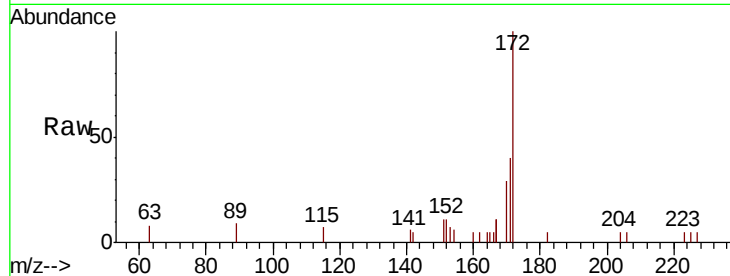
Tgt Ion:172 Resp: 2523

Ion Ratio Lower Upper

172 100

171 40.2 29.2 43.8

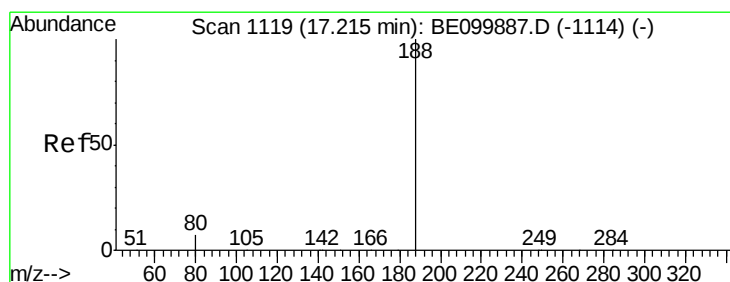
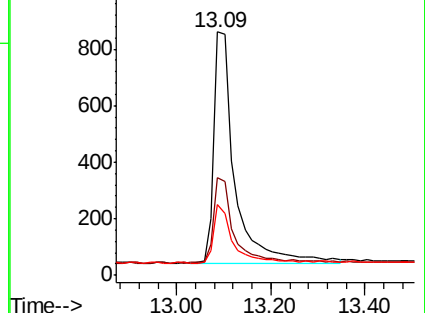
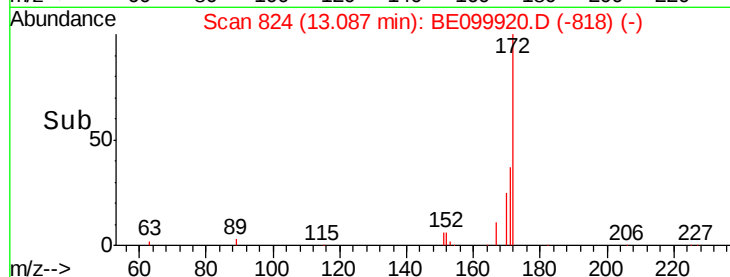
170 29.3 21.2 31.8



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: BE099920.D

Acq: 11 Jun 2019 12:41

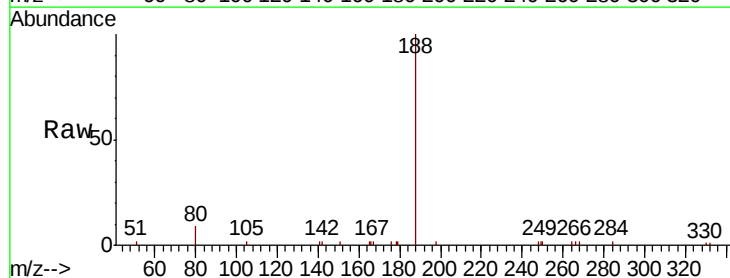
Tgt Ion:188 Resp: 6526

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

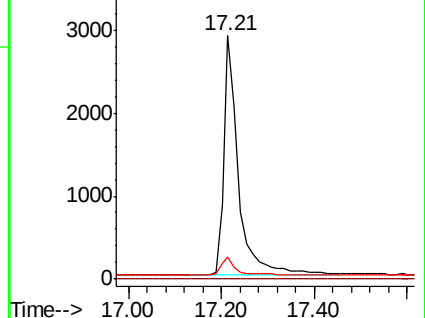
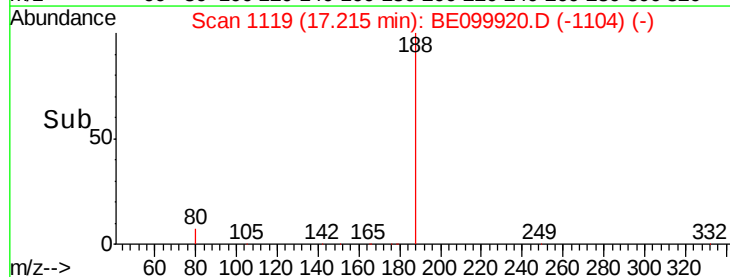
80 8.9 6.4 9.6

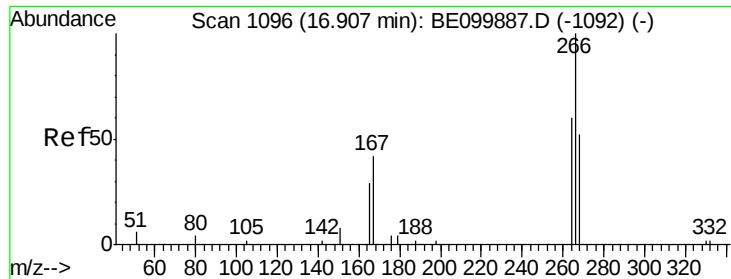


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.305 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099920.D

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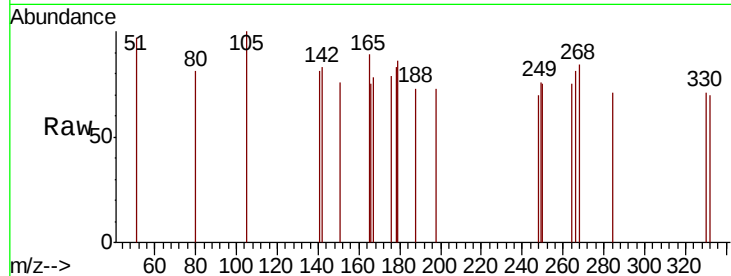
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 92.2 62.2 93.2

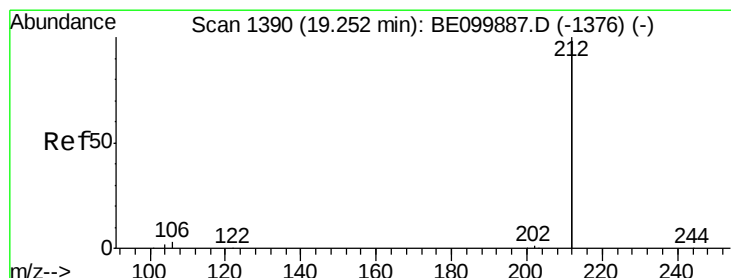
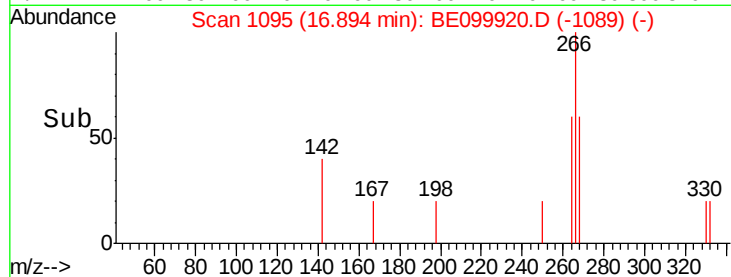
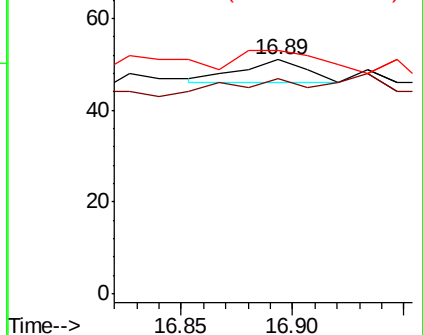
268 103.9 65.5 98.3#



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: 0.358 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099920.D

Acq: 11 Jun 2019 12:41

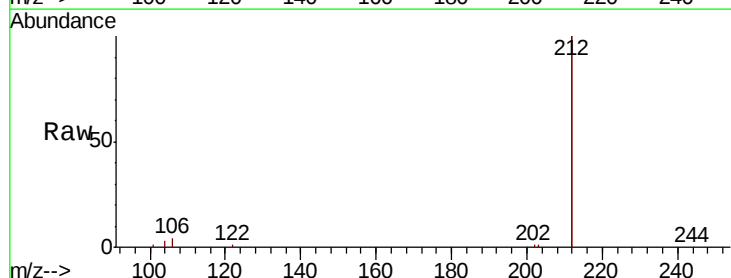
Tgt Ion:212 Resp: 34044

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

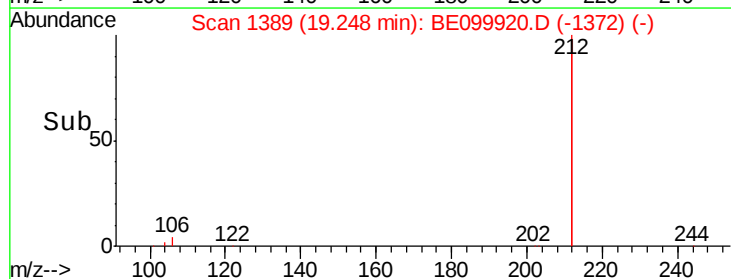
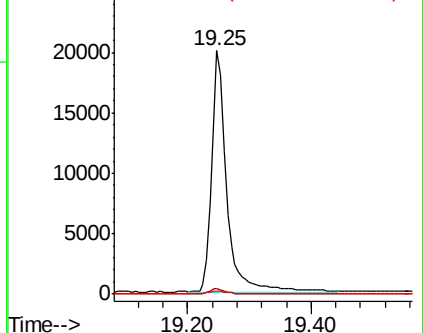
104 1.1 0.9 1.3

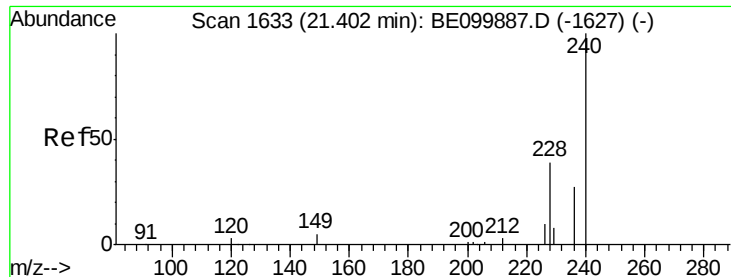


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

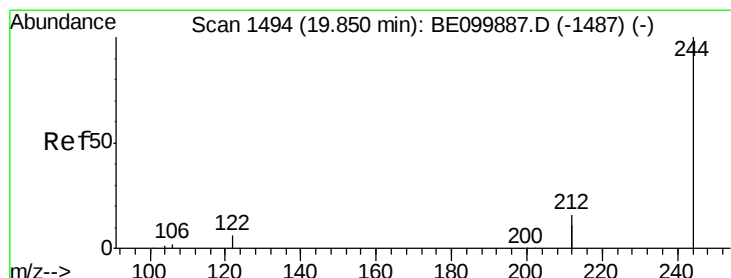
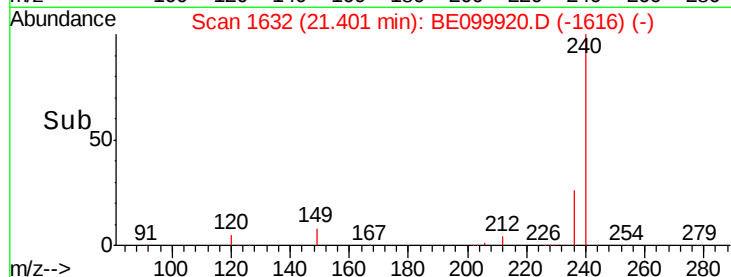
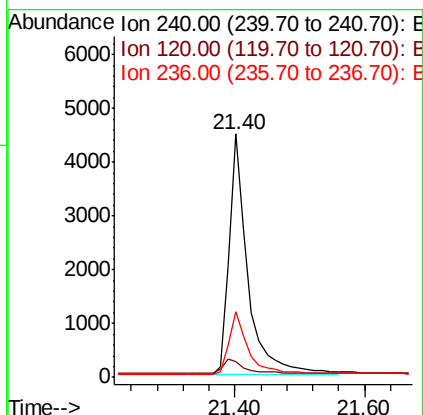
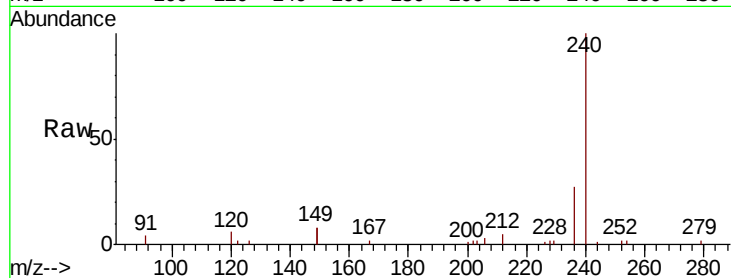




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099920.D
Acq: 11 Jun 2019 12:41

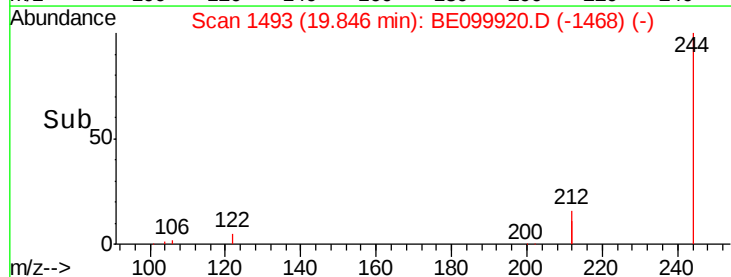
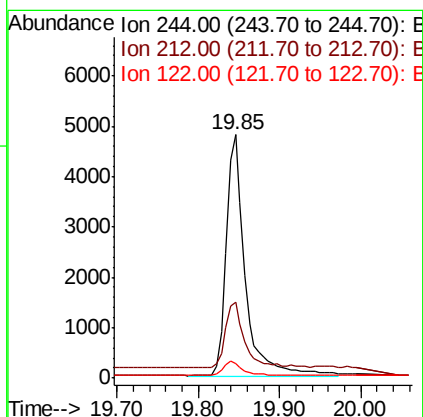
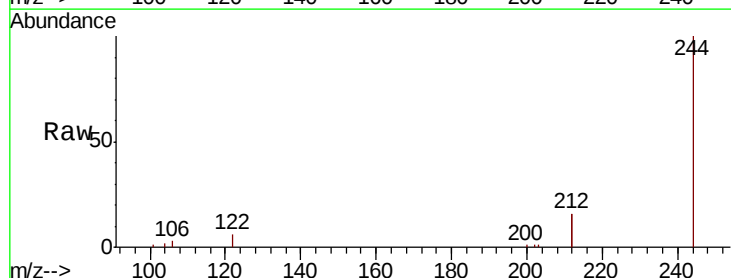
Instrument :
BNA_E
ClientSampleId :
SS043MW014-190605

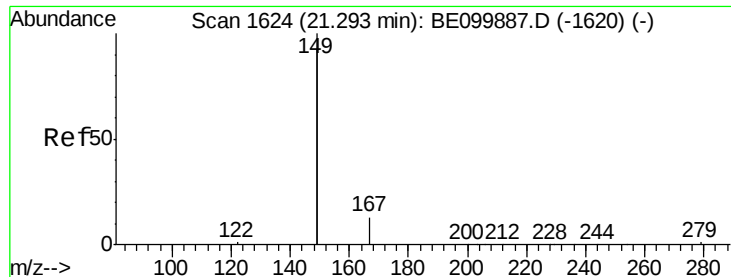
Tgt Ion:240 Resp: 9057
Ion Ratio Lower Upper
240 100
120 6.3 3.8 5.6#
236 27.0 22.0 33.0



#29
Terphenyl-d14
Concen: 0.474 ng
RT: 19.85 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BE099920.D
Acq: 11 Jun 2019 12:41

Tgt Ion:244 Resp: 7724
Ion Ratio Lower Upper
244 100
212 31.1 25.7 38.5
122 6.2 5.5 8.3

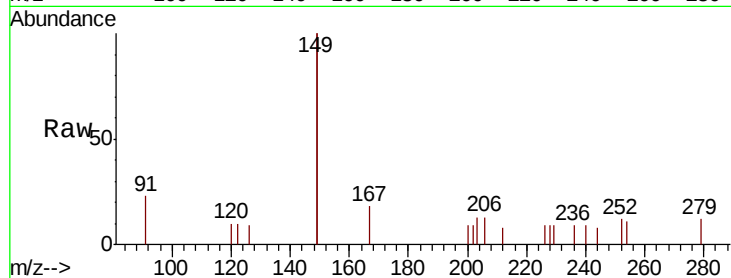




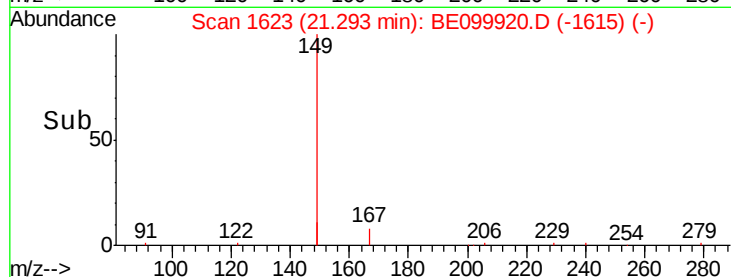
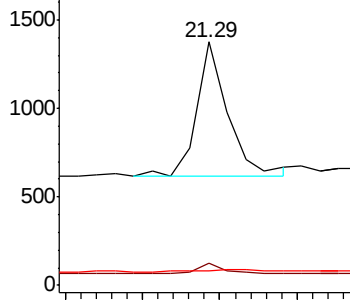
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.028 ng
 RT: 21.29 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BE099920.D
 Acq: 11 Jun 2019 12:41

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW014-190605

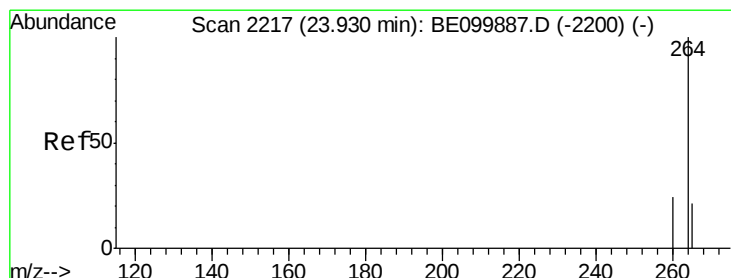
Tgt Ion:149 Resp: 1080
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.9 8.9
 279 5.8 1.2 1.8#



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

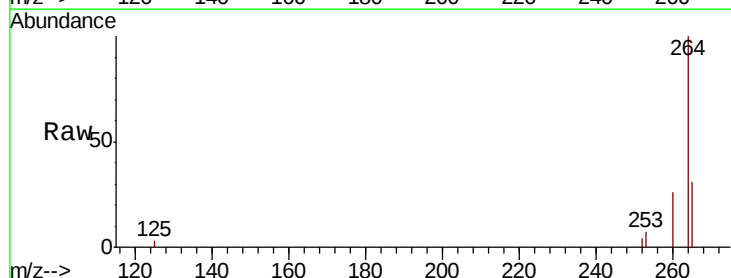


Time--> 21.20 21.25 21.30 21.35

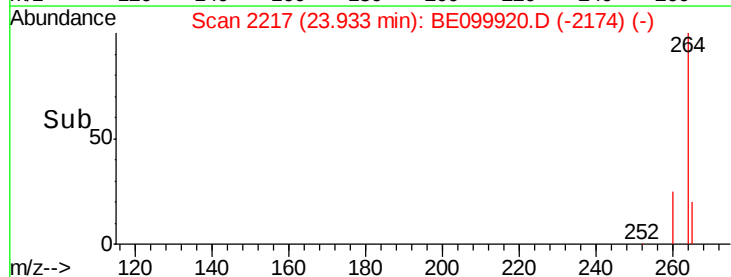
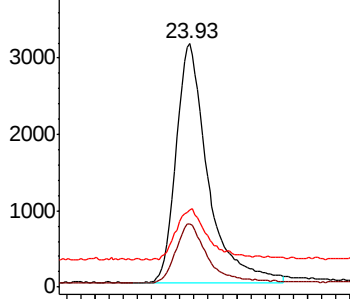


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BE099920.D
 Acq: 11 Jun 2019 12:41

Tgt Ion:264 Resp: 9766
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.2
 265 31.5 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



Time--> 23.80 23.90 24.00 24.10