

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099020.D
 Acq On : 19 Mar 2019 3:35
 Operator : JU/SJ
 Sample : K1945-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M4-T0-OZ(PRE)

Quant Time: Mar 19 08:52:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

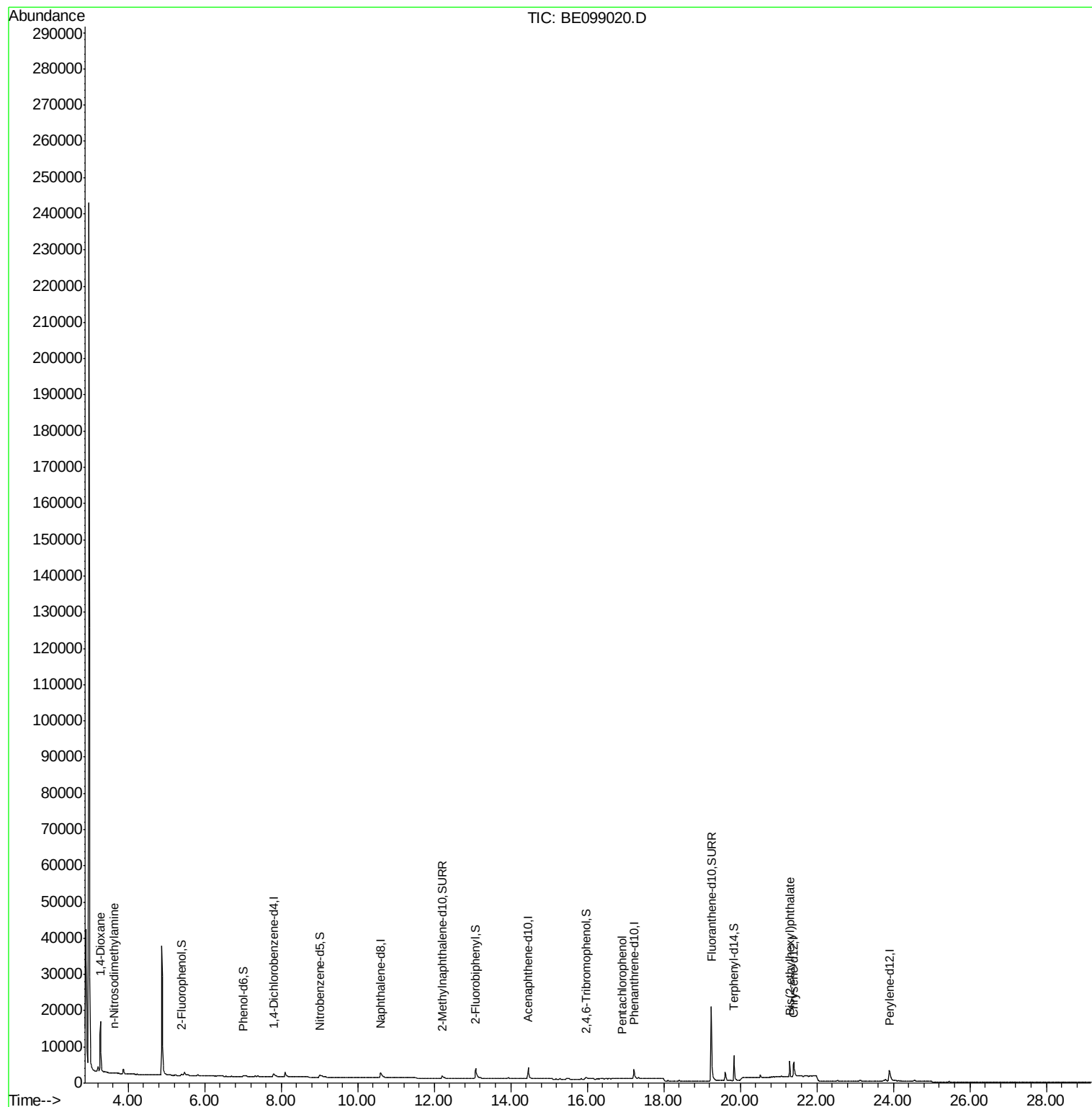
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	735	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3197	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2382	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5535	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6846	0.40	ng	0.00
34) Perylene-d12	23.90	264	6367	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	376	0.17	ng	0.01
5) Phenol-d6	7.01	99	372	0.12	ng	0.02
8) Nitrobenzene-d5	9.02	82	1196	0.36	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2374	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	435	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5322	0.54	ng	0.00
25) Fluoranthene-d10	19.24	212	36164	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	7779	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	8331	7.258	ng	97
3) n-Nitrosodimethylamine	3.62	42	86	0.047	ng	# 14
22) Pentachlorophenol	16.91	266	9	0.272	ng	92
32) Bis(2-ethylhexyl)phthalate	21.29	149	5057	0.111	ng	98

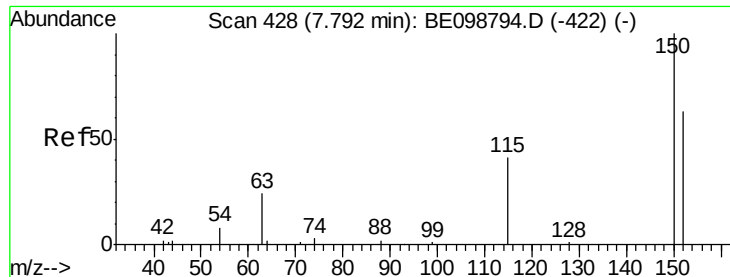
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)

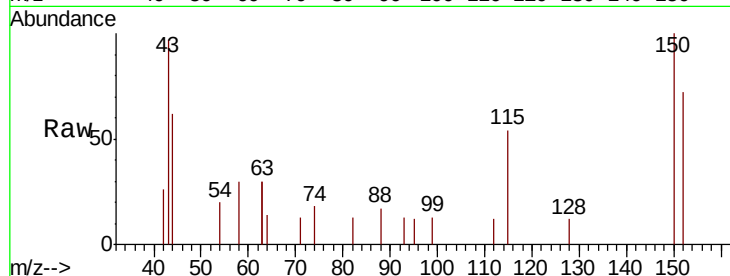
Tgt Ion:152 Resp: 735

Ion Ratio Lower Upper

152 100

150 139.5 122.5 183.7

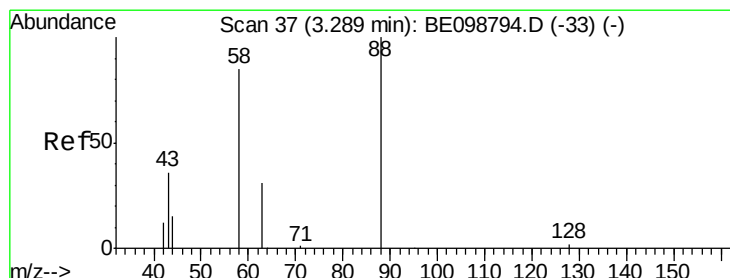
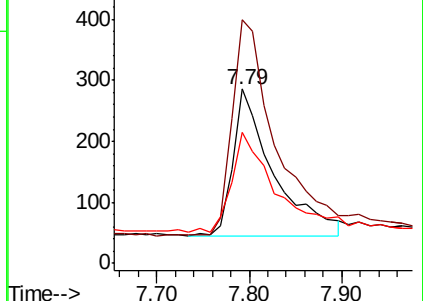
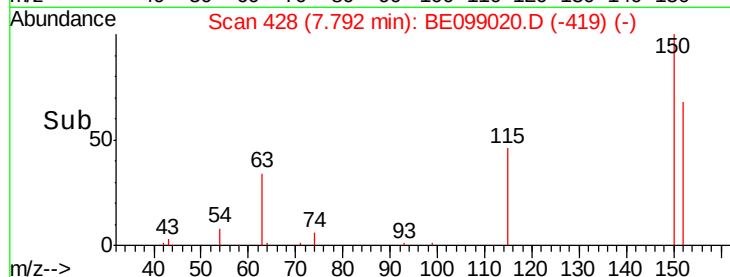
115 74.8 57.4 86.2



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: 7.258 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

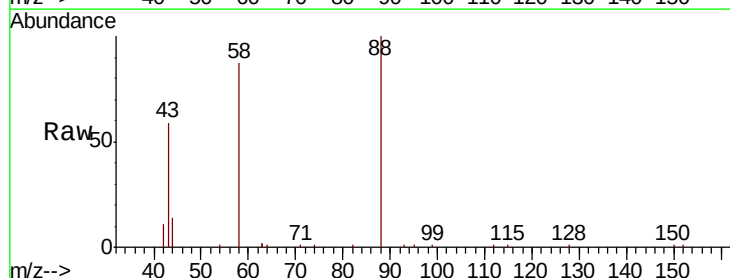
Tgt Ion: 88 Resp: 8331

Ion Ratio Lower Upper

88 100

58 98.7 75.8 113.6

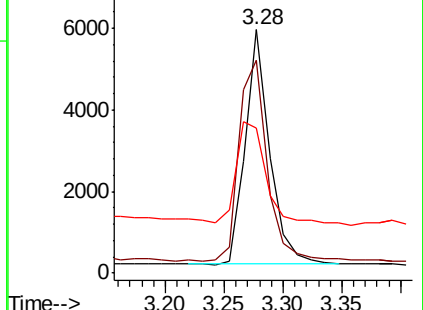
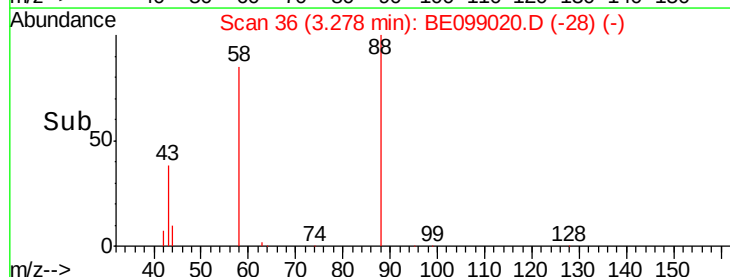
43 51.2 41.8 62.8

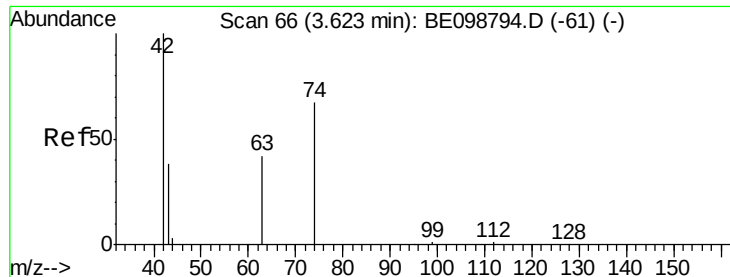


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.047 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

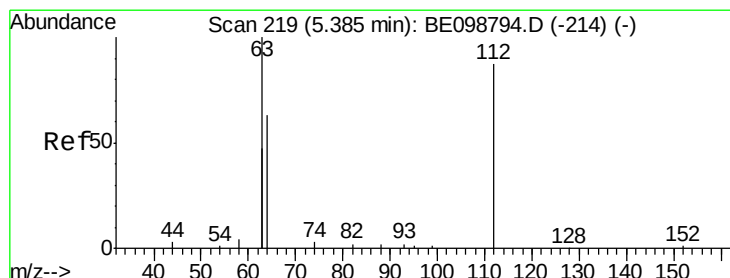
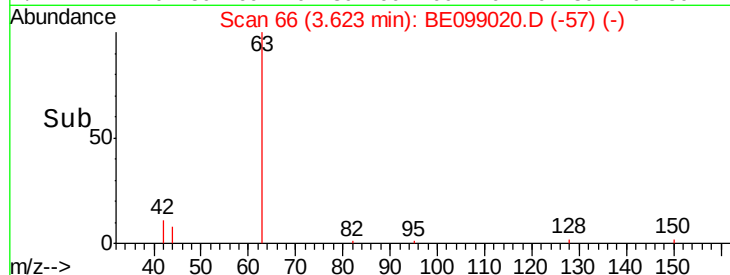
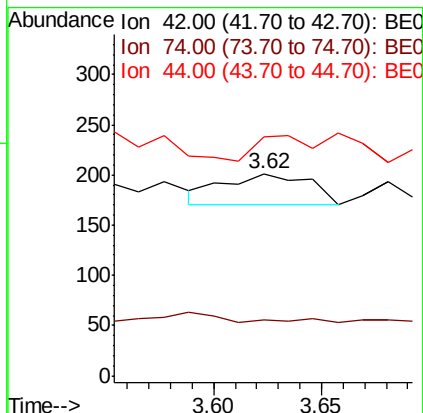
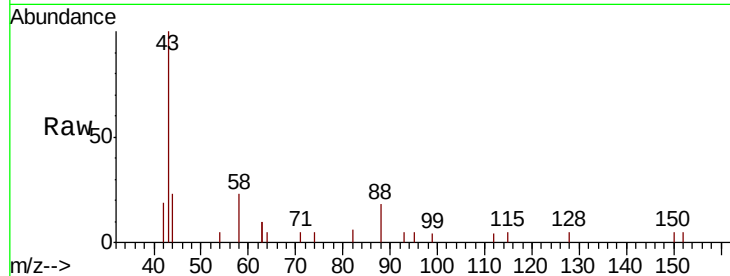
Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)

Tgt Ion:	42	Resp:	86
Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.171 ng

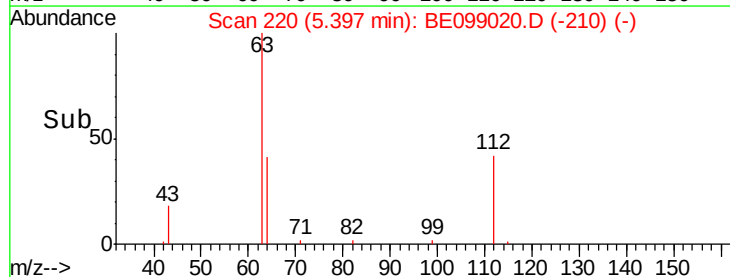
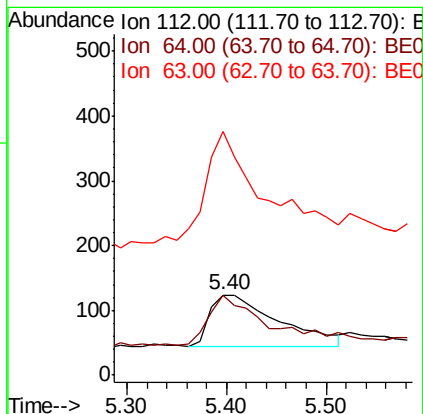
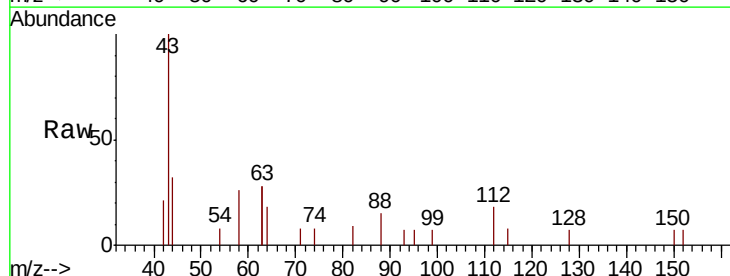
RT: 5.40 min Scan# 220

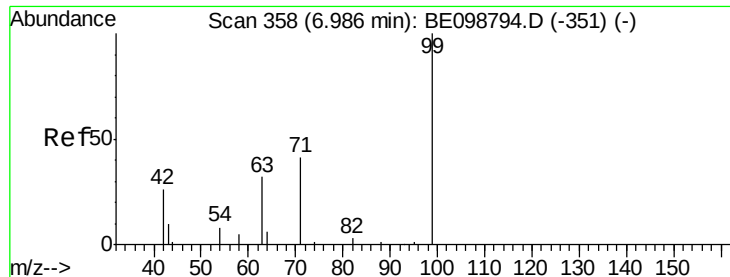
Delta R.T. 0.01 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

Tgt Ion:	112	Resp:	376
Ion	Ratio	Lower	Upper
112	100		
64	92.3	57.9	86.9#
63	192.3	158.3	237.5





#5

Phenol-d6

Concen: 0.120 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)

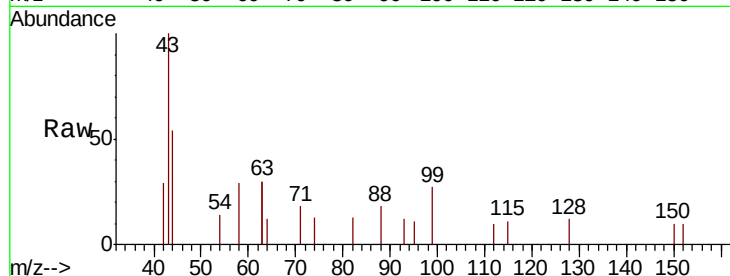
Tgt Ion: 99 Resp: 372

Ion Ratio Lower Upper

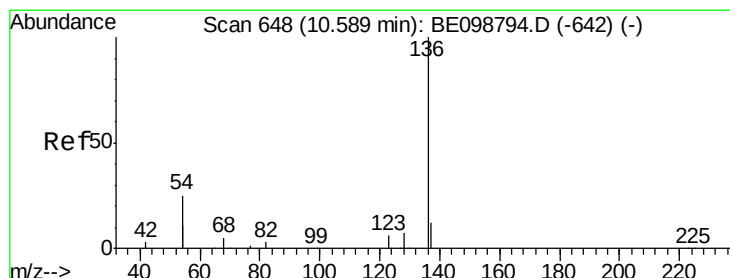
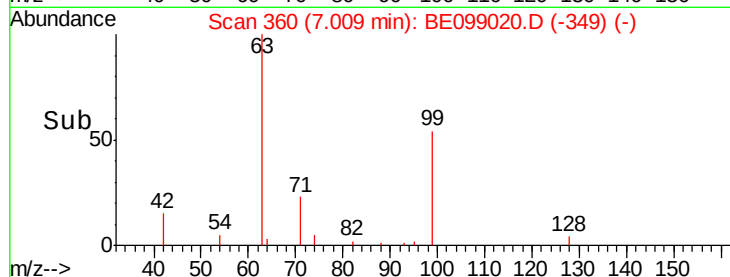
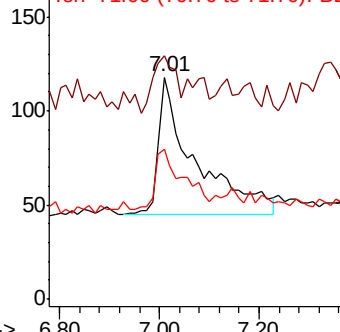
99 100

42 25.0 24.2 36.2

71 33.3 35.7 53.5#



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. 0.01 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

Tgt Ion: 136 Resp: 3197

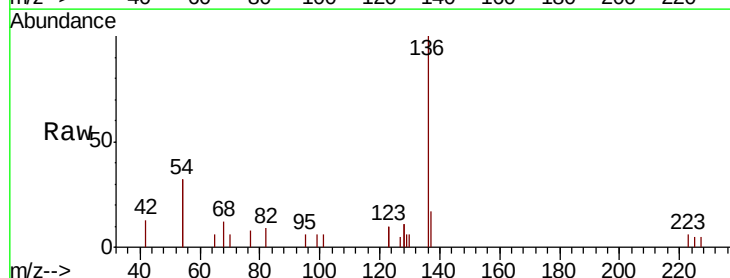
Ion Ratio Lower Upper

136 100

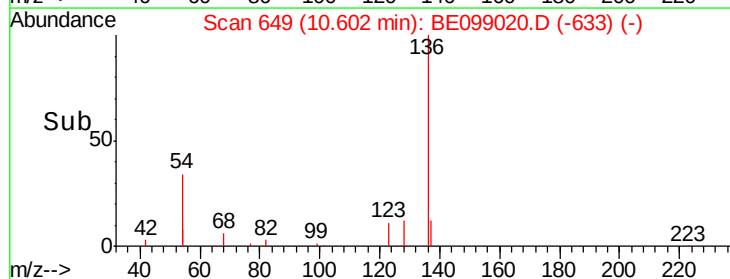
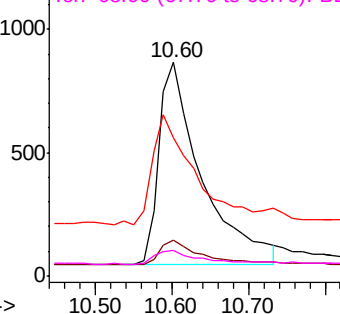
137 16.7 11.4 17.0

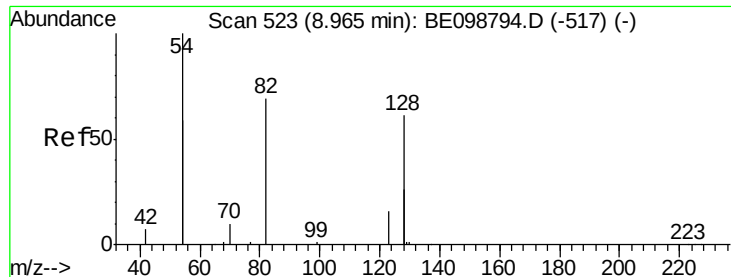
54 64.9 39.3 58.9#

68 12.0 6.7 10.1#



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

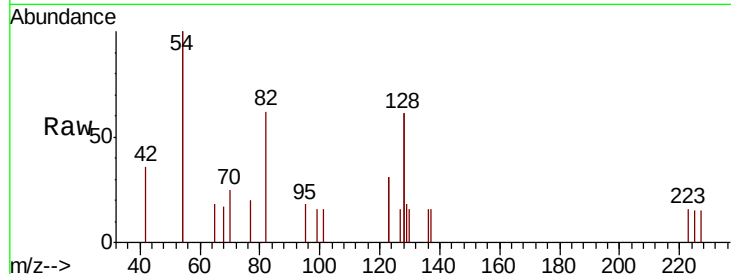




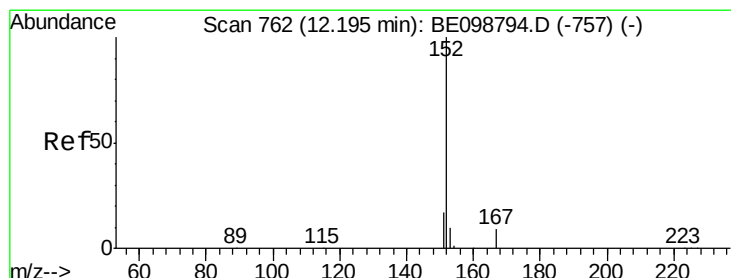
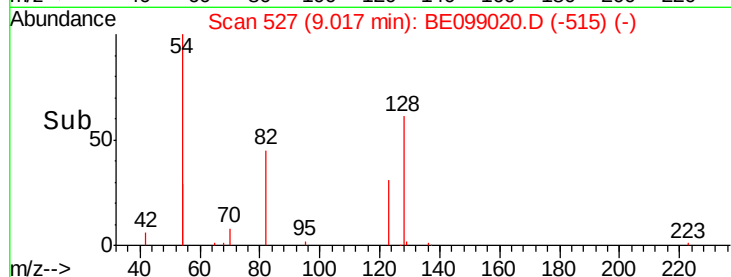
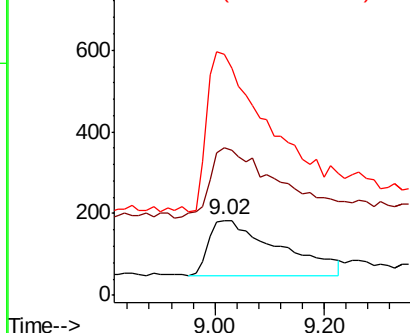
#8
 Nitrobenzene-d5
 Concen: 0.357 ng
 RT: 9.02 min Scan# 527
 Delta R.T. 0.05 min
 Lab File: BE099020.D
 Acq: 19 Mar 2019 3:35

Instrument :
 BNA_E
 ClientSampleId :
 M4-T0-OZ(PRE)

Tgt Ion: 82 Resp: 1196
 Ion Ratio Lower Upper
 82 100
 128 196.7 123.8 185.8#
 54 320.7 203.4 305.2#

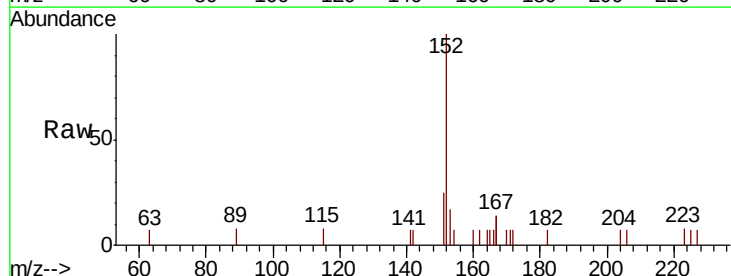


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

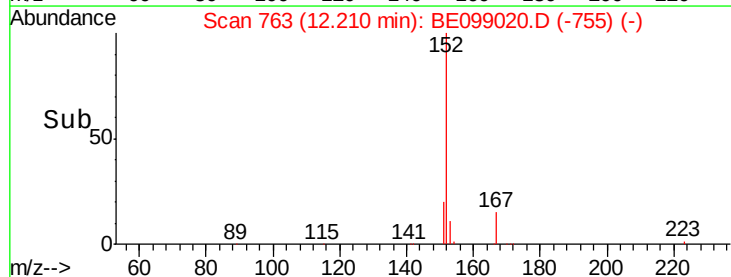
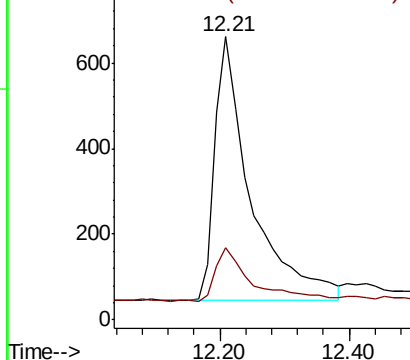


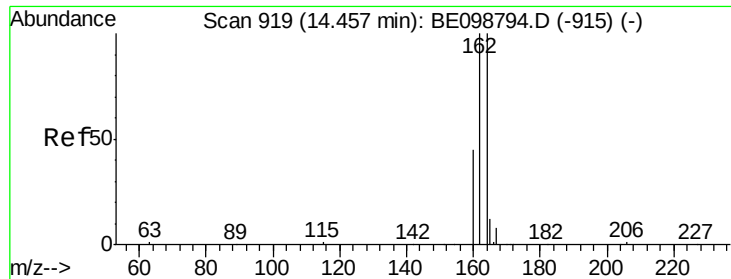
#11
 2-Methylnaphthalene-d10
 Concen: 0.402 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE099020.D
 Acq: 19 Mar 2019 3:35

Tgt Ion: 152 Resp: 2374
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.5 24.7



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

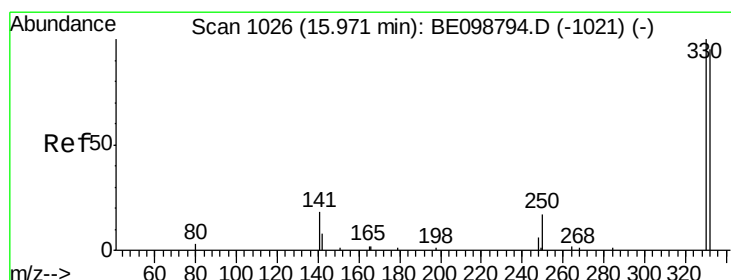
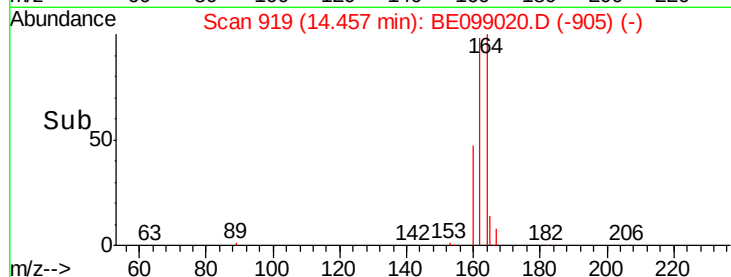
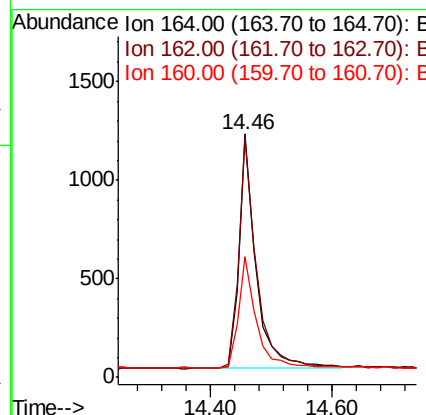
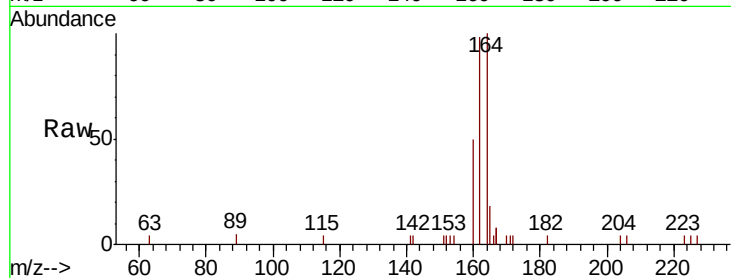




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099020.D
Acq: 19 Mar 2019 3:35

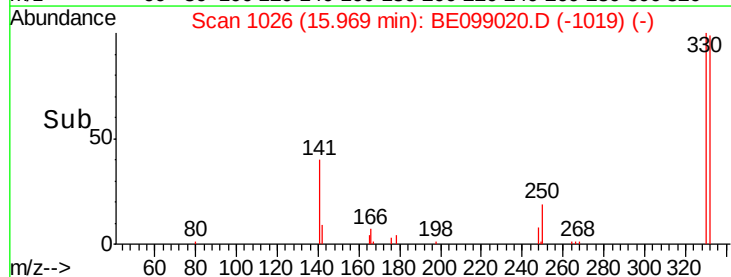
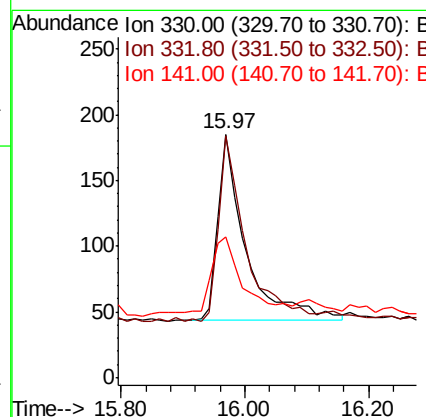
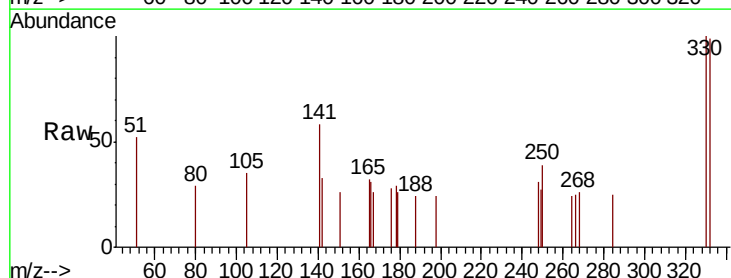
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ClientSampleId :
M4-T0-OZ(PRE)

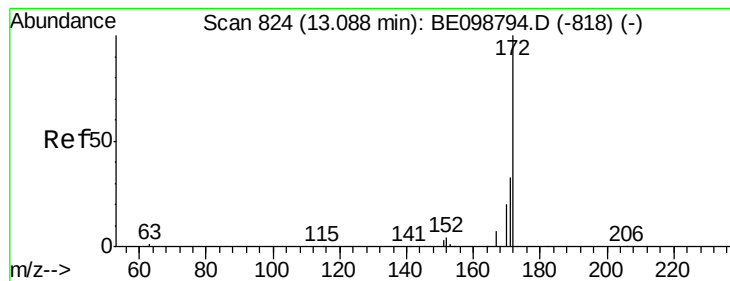
Tgt Ion:164 Resp: 2382
Ion Ratio Lower Upper
164 100
162 98.5 80.2 120.2
160 49.6 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099020.D
Acq: 19 Mar 2019 3:35

Tgt Ion:330 Resp: 435
Ion Ratio Lower Upper
330 100
332 100.0 77.6 116.4
141 41.6 31.0 46.4

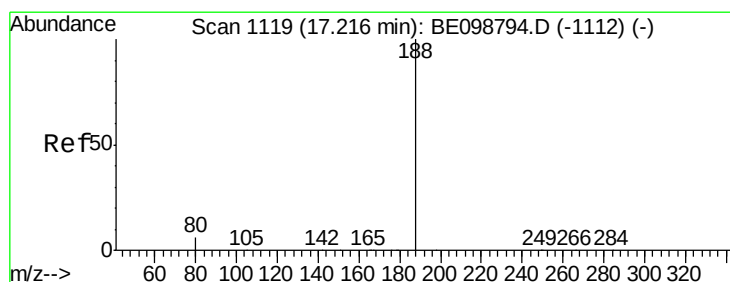
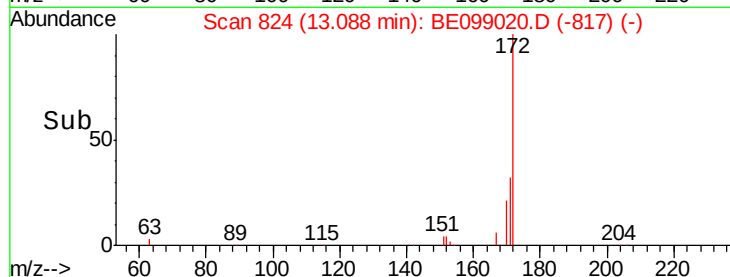
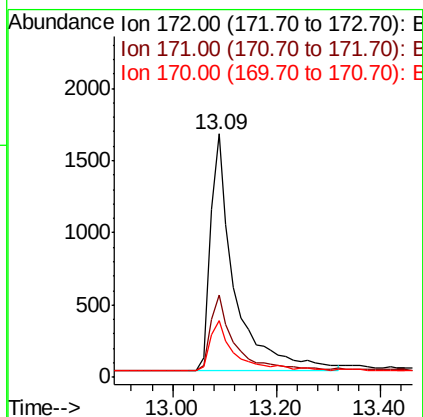
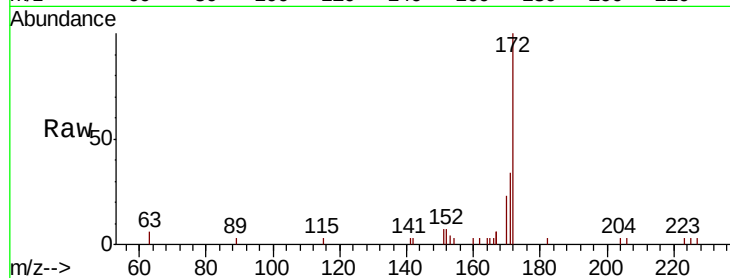




#15
2-Fluorobiphenyl
Concen: 0.540 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099020.D
Acq: 19 Mar 2019 3:35

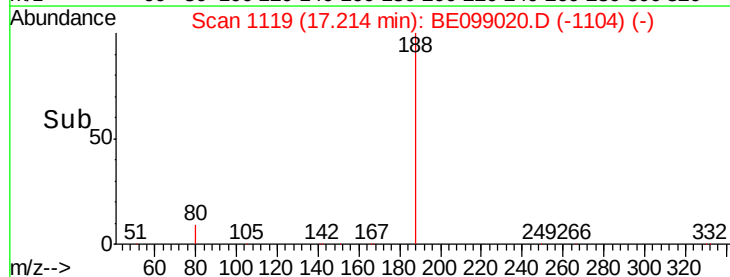
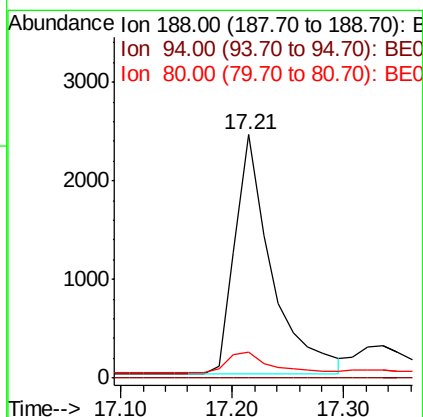
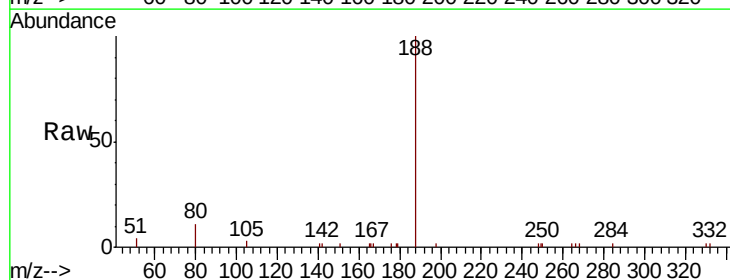
Instrument :
BNA_E
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M4-T0-OZ(PRE)

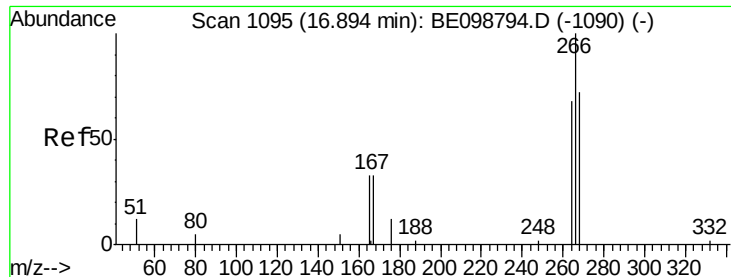
Tgt Ion:172 Resp: 5322
Ion Ratio Lower Upper
172 100
171 33.9 28.0 42.0
170 23.0 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099020.D
Acq: 19 Mar 2019 3:35

Tgt Ion:188 Resp: 5535
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 6.3 9.5#





#22

Pentachlorophenol

Concen: 0.272 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)

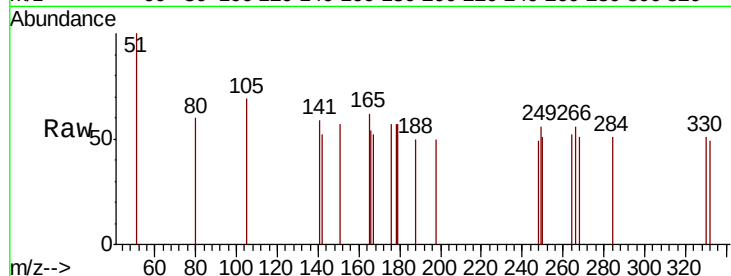
Tgt Ion: 266 Resp: 9

Ion Ratio Lower Upper

266 100

264 94.0 66.6 100.0

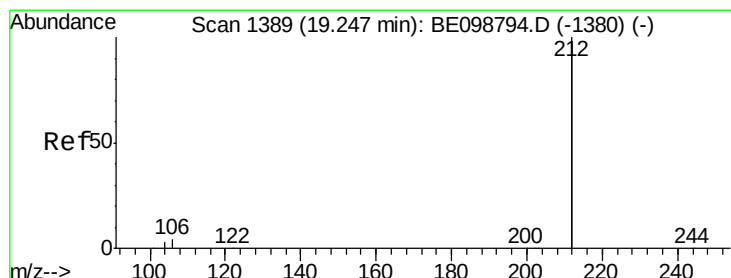
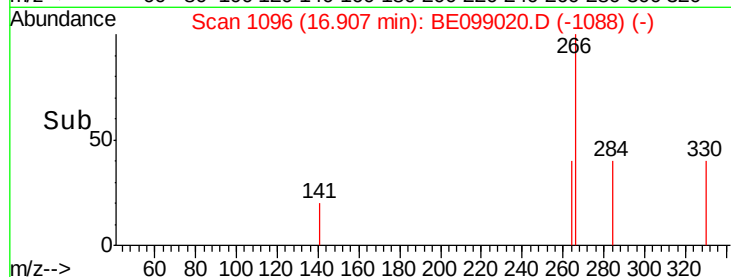
268 92.0 69.8 104.8



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: 0.409 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

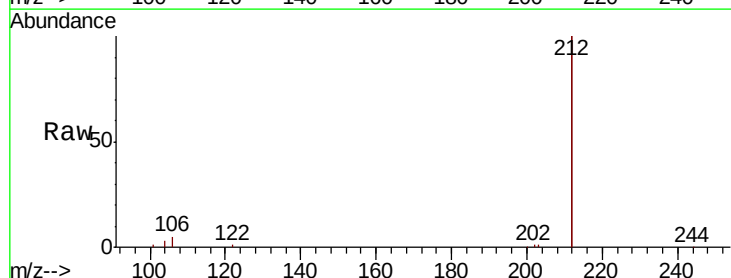
Tgt Ion: 212 Resp: 36164

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

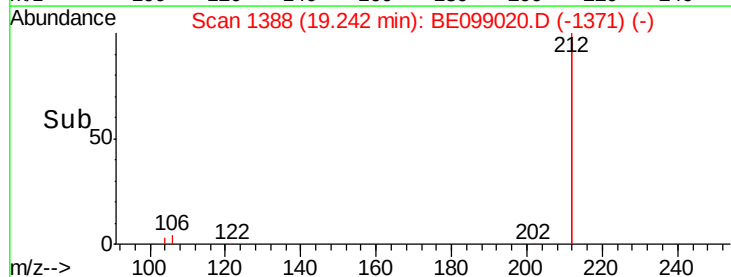
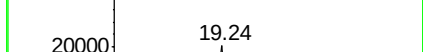
104 1.4 1.0 1.6

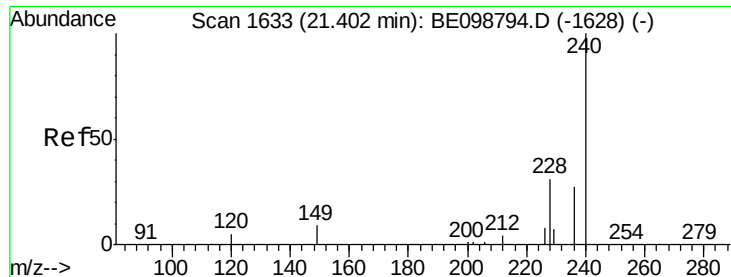


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1633

Delta R.T. 0.00 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)

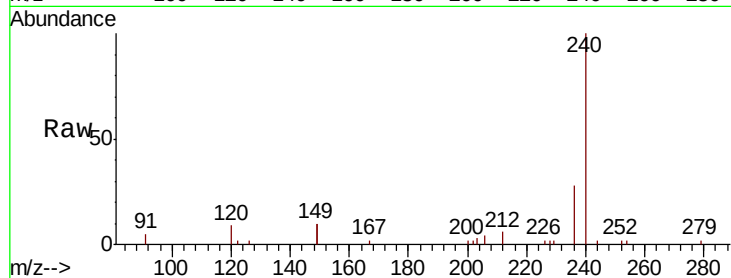
Tgt Ion:240 Resp: 6846

Ion Ratio Lower Upper

240 100

120 8.7 5.0 7.4#

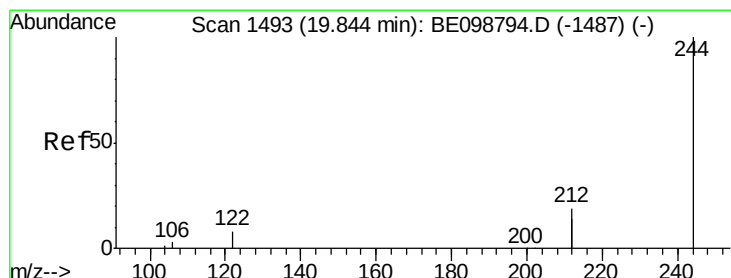
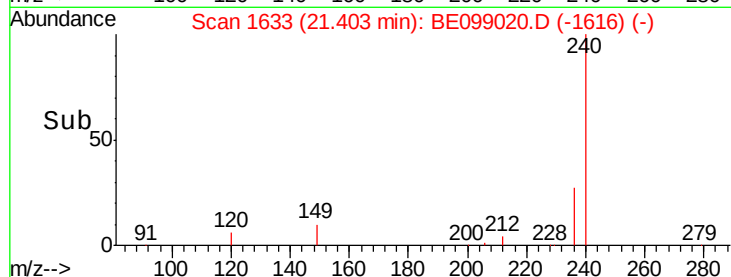
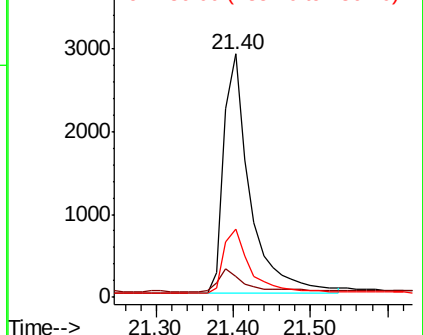
236 28.3 22.7 34.1



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: 0.468 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

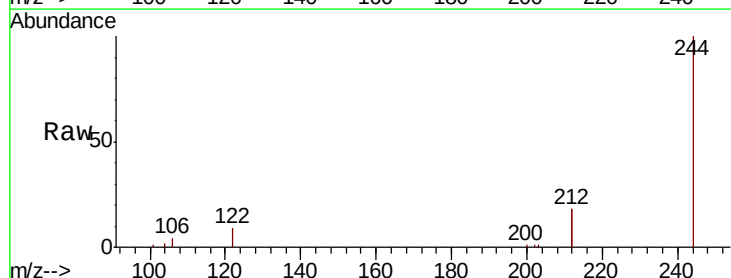
Tgt Ion:244 Resp: 7779

Ion Ratio Lower Upper

244 100

212 36.6 29.4 44.2

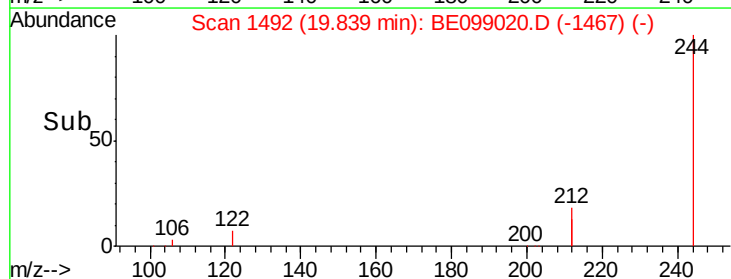
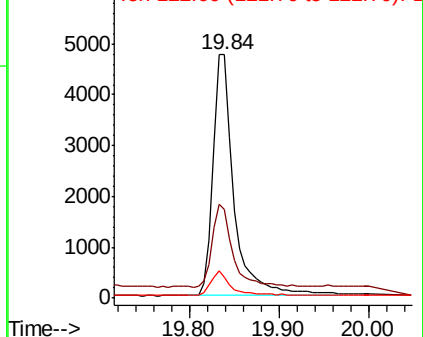
122 8.6 7.1 10.7

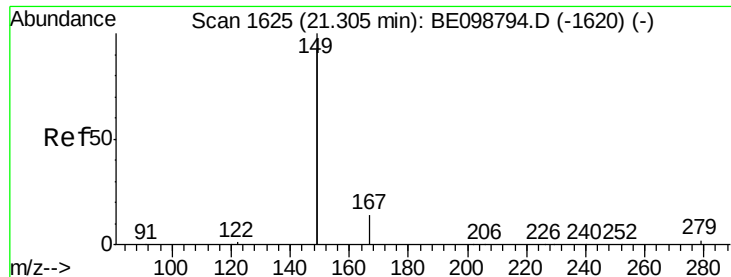


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

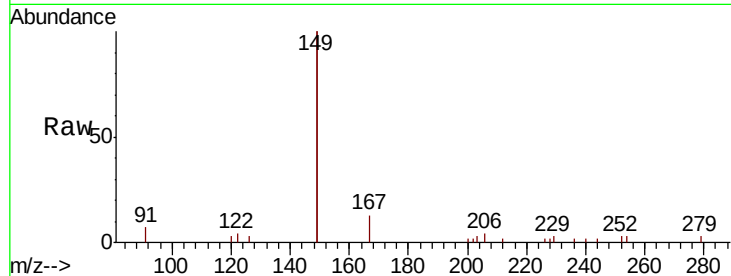




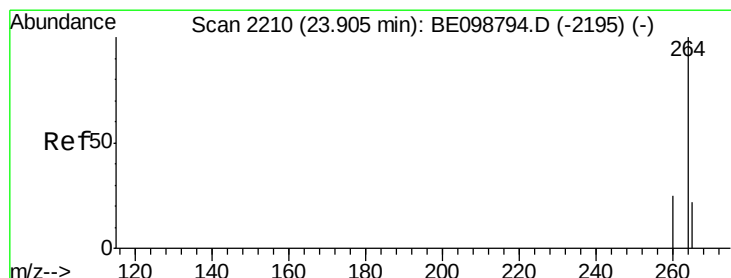
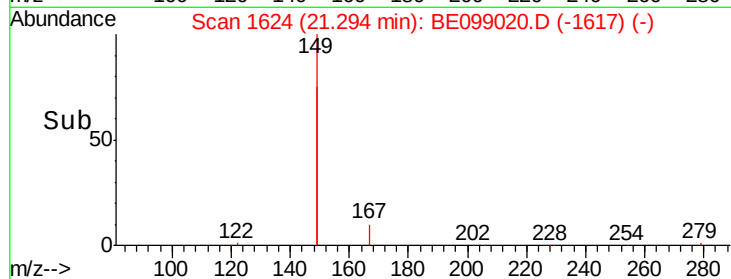
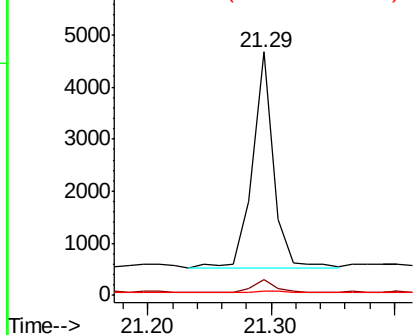
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.111 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099020.D
 Acq: 19 Mar 2019 3:35

Instrument :
 BNA_E
 ClientSampleId :
 M4-T0-OZ(PRE)

Tgt Ion:149 Resp: 5057
 Ion Ratio Lower Upper
 149 100
 167 5.8 5.4 8.0
 279 1.3 1.0 1.4

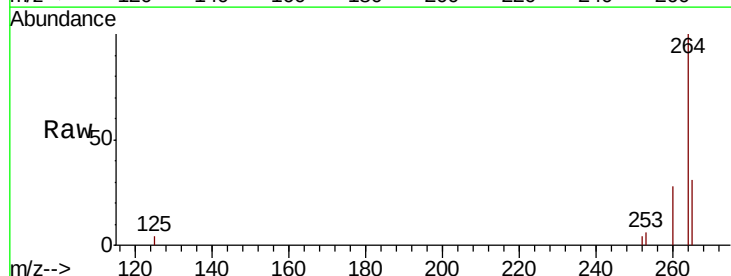


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE099020.D
 Acq: 19 Mar 2019 3:35

Tgt Ion:264 Resp: 6367
 Ion Ratio Lower Upper
 264 100
 260 28.3 21.2 31.8
 265 31.0 24.6 36.8



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

