

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099062.D
 Acq On : 20 Mar 2019 8:16
 Operator : JU/SJ
 Sample : K1969-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW301I-20190316

Quant Time: Mar 20 10:07:39 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

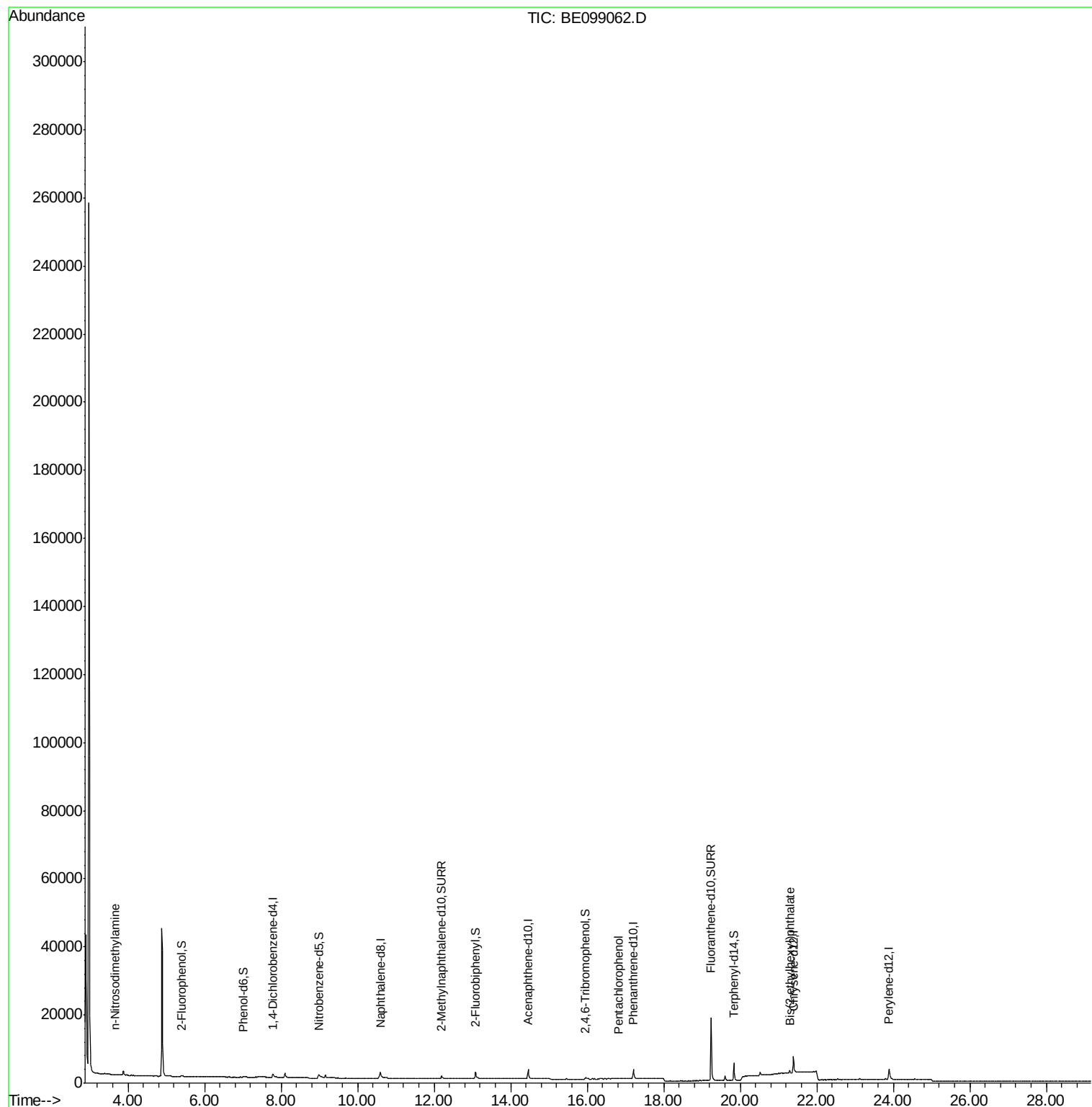
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	720	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3107	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2184	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	5023	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	6478	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6193	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	314	0.15	ng	0.00
5) Phenol-d6	7.01	99	223	0.07	ng	0.03
8) Nitrobenzene-d5	8.98	82	1147	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2220	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	402	0.36	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	3612	0.40	ng	-0.01
25) Fluoranthene-d10	19.24	212	30072	0.38	ng	-0.01
29) Terphenyl-d14	19.83	244	5430	0.34	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.33	88	12	Below Cal	#	11
3) n-Nitrosodimethylamine	3.65	42	53	0.029 ng	#	14
22) Pentachlorophenol	16.83	266	2	0.266 ng		86
32) Bis(2-ethylhexyl)phthalate	21.29	149	1275	0.030 ng	#	99

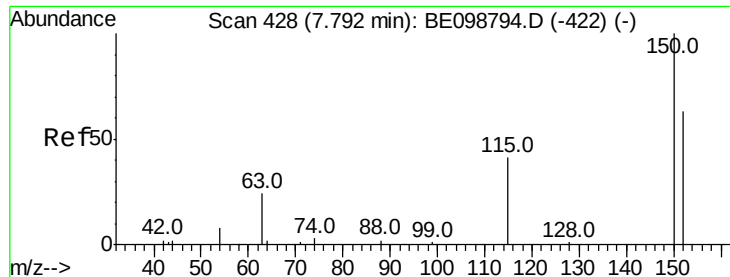
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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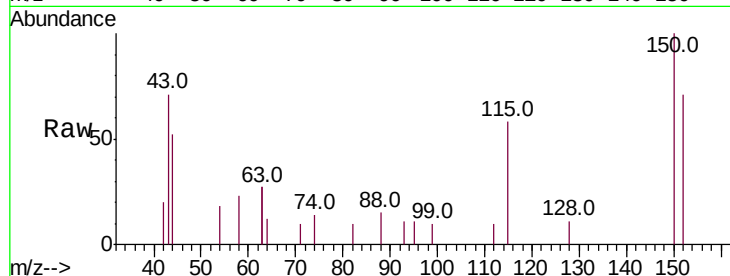


#1

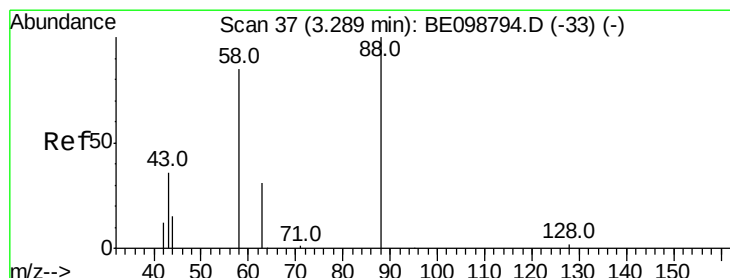
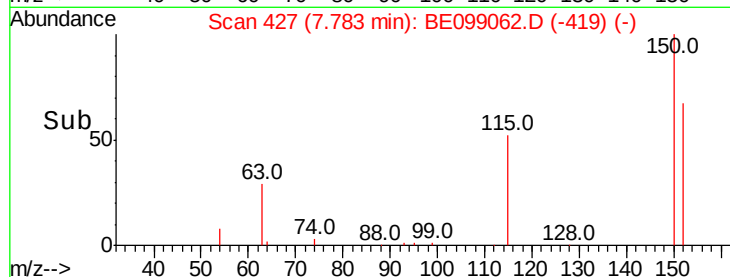
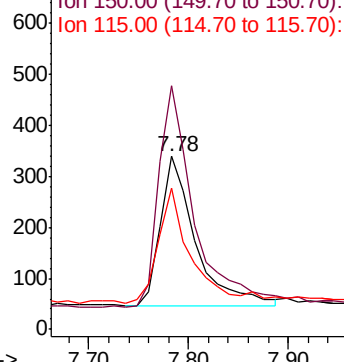
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099062.D
Acq: 20 Mar 2019 8:16

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190316

Tot Ion:152 Resp: 720
Ion Ratio Lower Upper
152 100
150 140.7 122.5 183.7
115 81.7 57.4 86.2



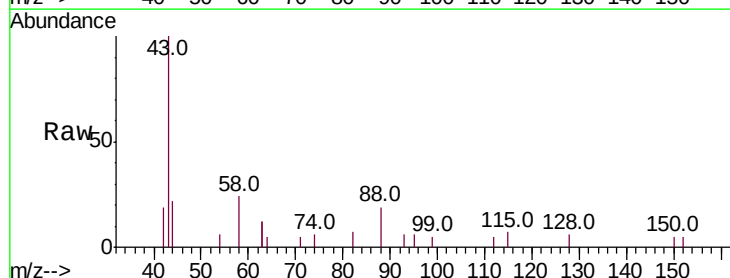
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



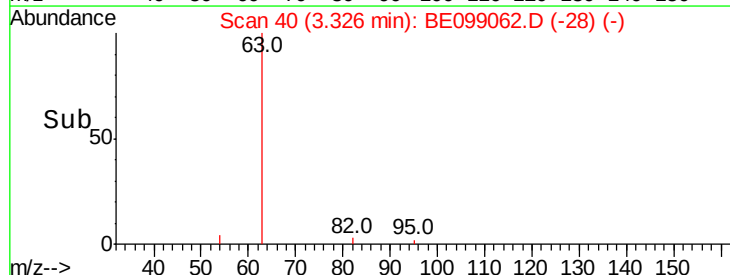
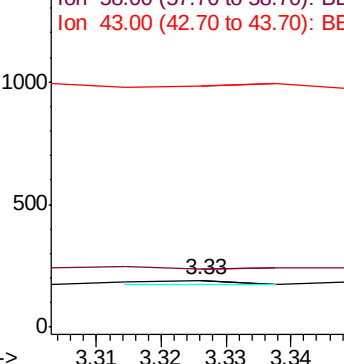
#2

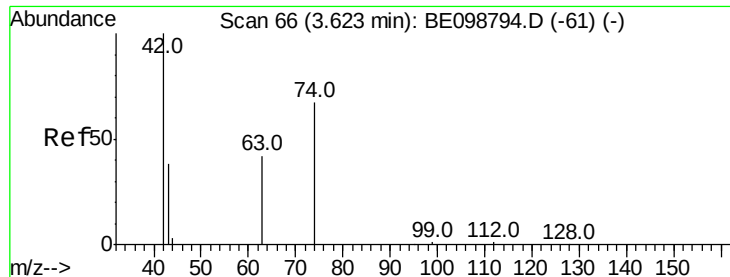
1,4-Dioxane
Concen: Below Cal
RT: 3.33 min Scan# 40
Delta R.T. 0.04 min
Lab File: BE099062.D
Acq: 20 Mar 2019 8:16

Tgt Ion: 88 Resp: 12
Ion Ratio Lower Upper
88 100
58 0.0 75.8 113.6#
43 0.0 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: 0.029 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.03 min

Lab File: BE099062.D

Acq: 20 Mar 2019 8:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190316

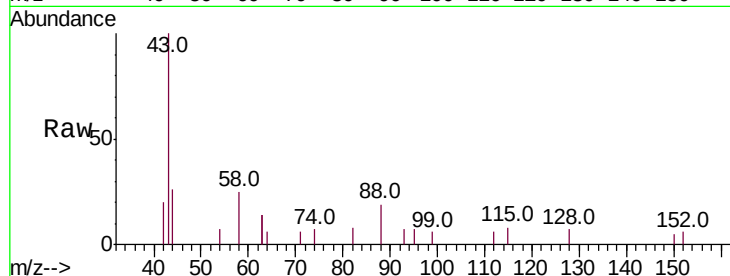
Tot Ion: 42 Resp: 53

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

44 179.2 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

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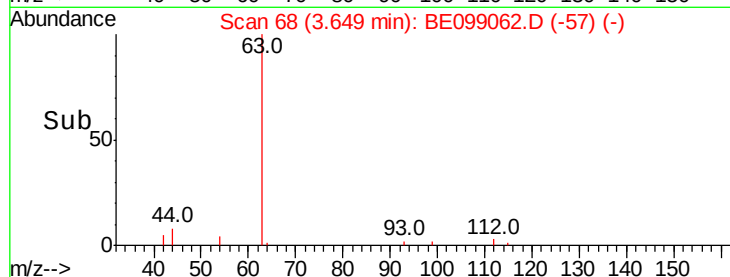
3.65

3.65

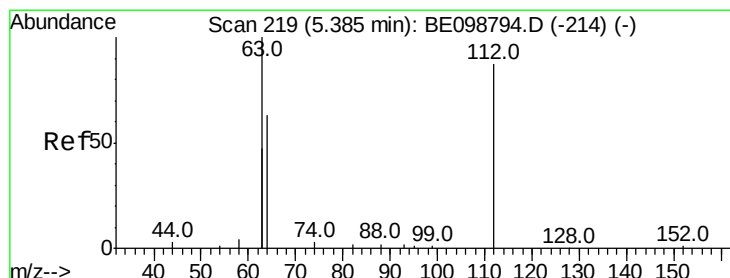
3.65

3.65

3.65



Time-->



#4

2-Fluorophenol

Concen: 0.146 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099062.D

Acq: 20 Mar 2019 8:16

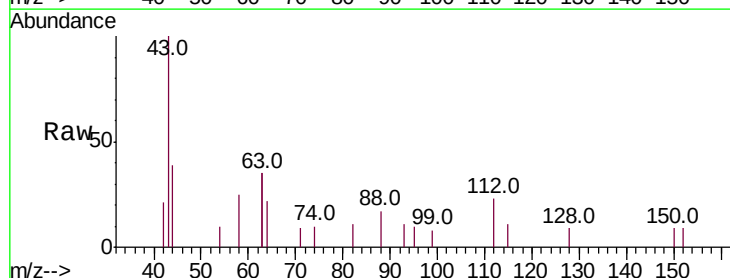
Tgt Ion: 112 Resp: 314

Ion Ratio Lower Upper

112 100

64 90.8 57.9 86.9#

63 165.0 158.3 237.5



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

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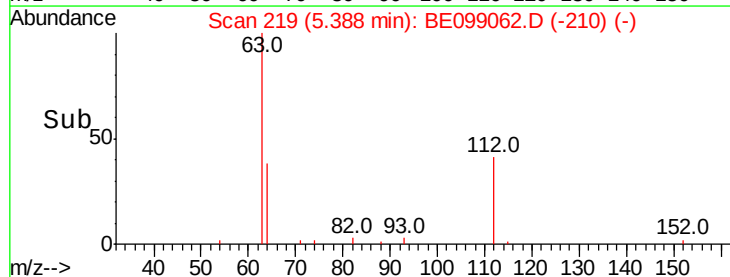
5.39

5.39

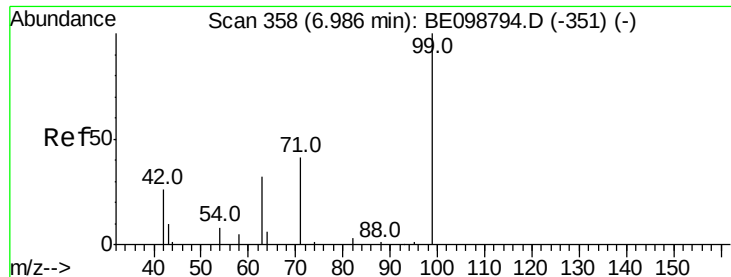
5.39

5.39

5.39



Time-->



#5

Phenol-d6

Concen: 0.073 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE099062.D

Acq: 20 Mar 2019 8:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190316

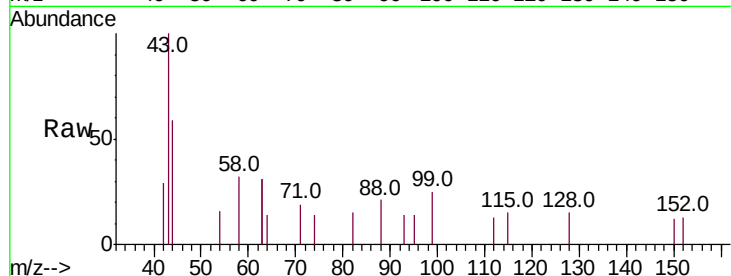
Tot Ion: 99 Resp: 223

Ion Ratio Lower Upper

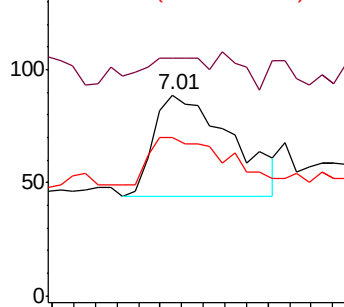
99 100

42 25.6 24.2 36.2

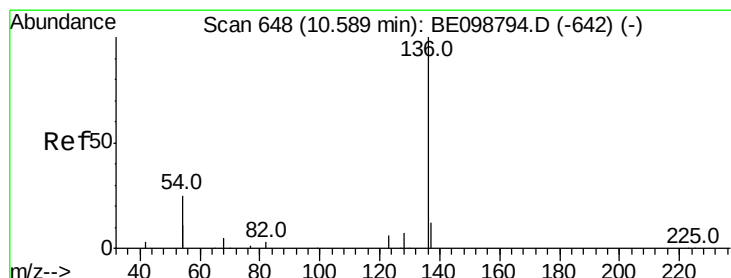
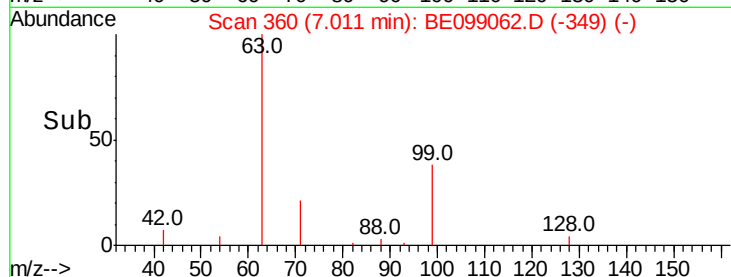
71 46.6 35.7 53.5



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



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE099062.D

Acq: 20 Mar 2019 8:16

Tgt Ion: 136 Resp: 3107

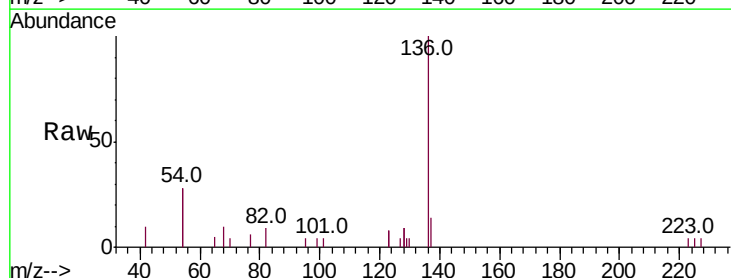
Ion Ratio Lower Upper

136 100

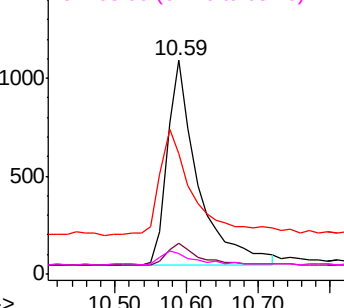
137 14.3 11.4 17.0

54 56.6 39.3 58.9

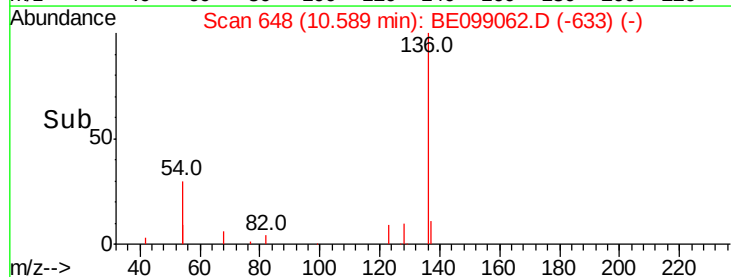
68 9.8 6.7 10.1

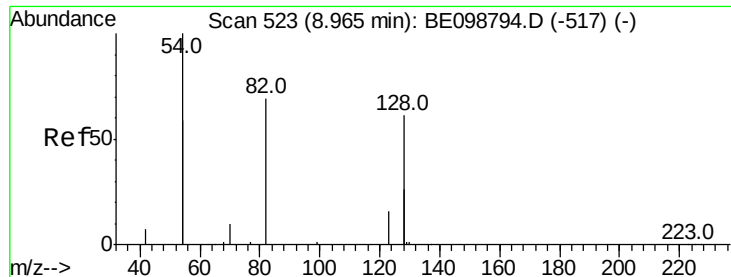


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



Time-->

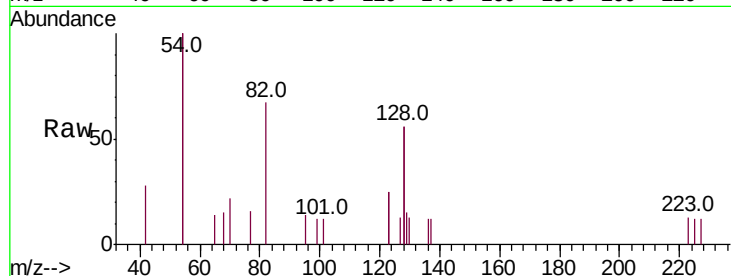




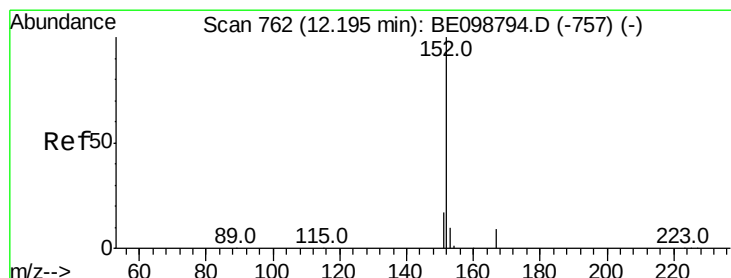
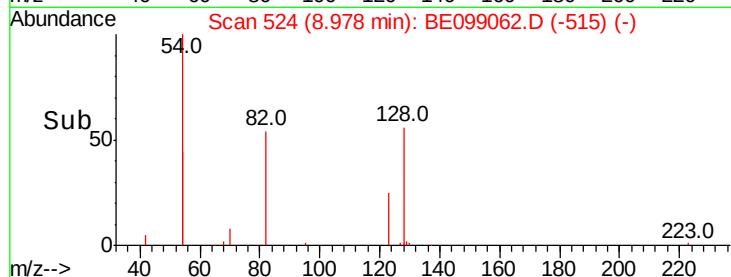
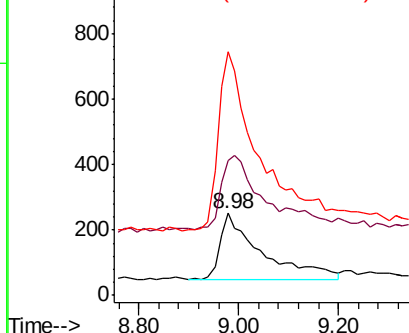
#8
 Nitrobenzene-d5
 Concen: 0.352 ng
 RT: 8.98 min Scan# 524
 Delta R.T. 0.01 min
 Lab File: BE099062.D
 Acq: 20 Mar 2019 8:16

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW301I-20190316

Tot Ion	82	Resp	1147
Ion Ratio	Lower	Upper	
82	100		
128	164.9	123.8	185.8
54	296.4	203.4	305.2

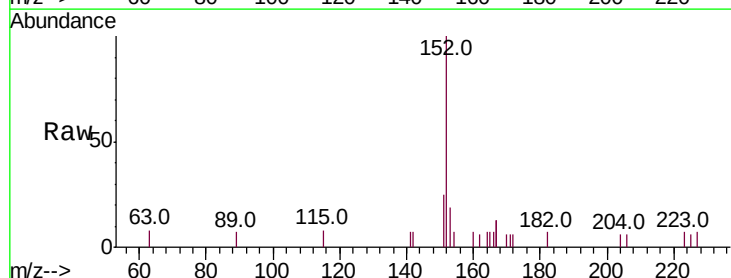


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

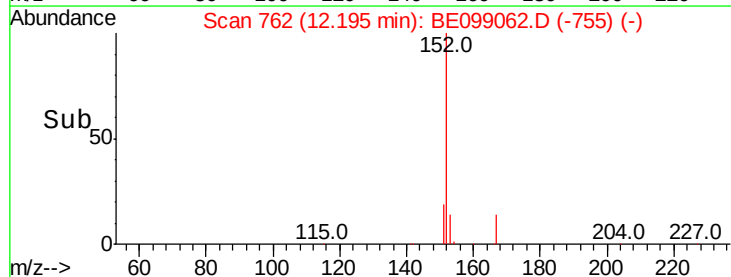
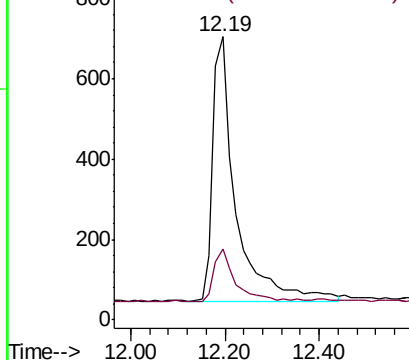


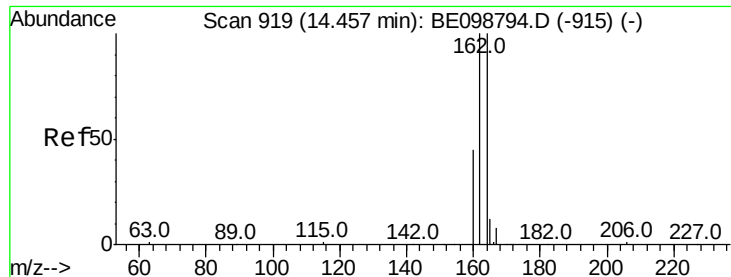
#11
 2-Methylnaphthalene-d10
 Concen: 0.387 ng
 RT: 12.19 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099062.D
 Acq: 20 Mar 2019 8:16

Tgt Ion	152	Resp	2220
Ion Ratio	Lower	Upper	
152	100		
151	18.8	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: BE099062.D

Acq: 20 Mar 2019 8:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190316

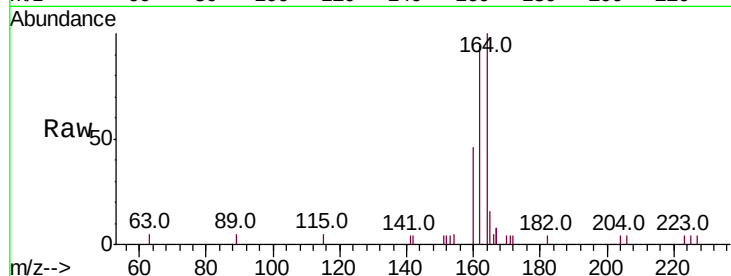
Tot Ion:164 Resp: 2184

Ion Ratio Lower Upper

164 100

162 94.3 80.2 120.2

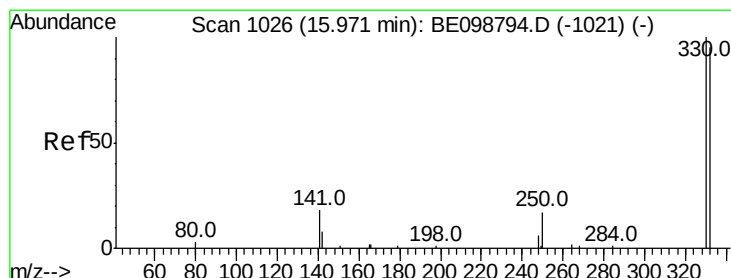
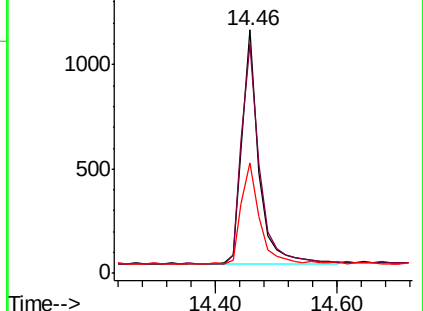
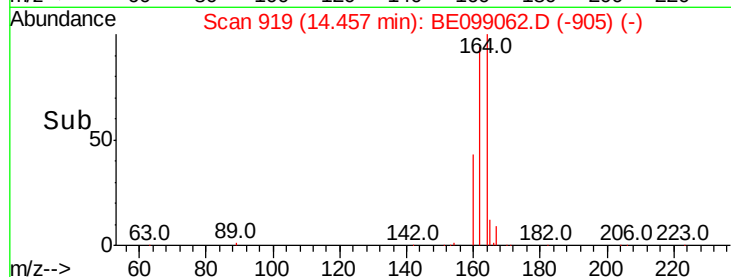
160 45.5 37.8 56.8



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: 0.365 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE099062.D

Acq: 20 Mar 2019 8:16

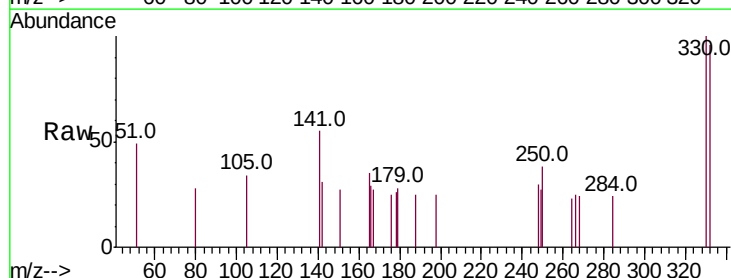
Tgt Ion:330 Resp: 402

Ion Ratio Lower Upper

330 100

332 91.5 77.6 116.4

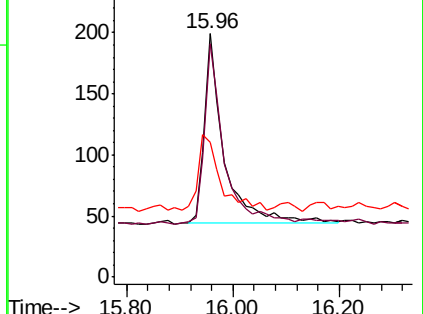
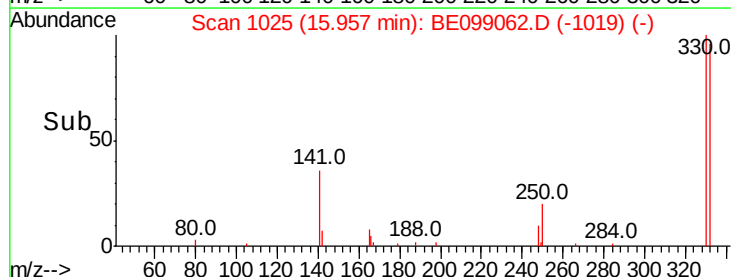
141 43.0 31.0 46.4

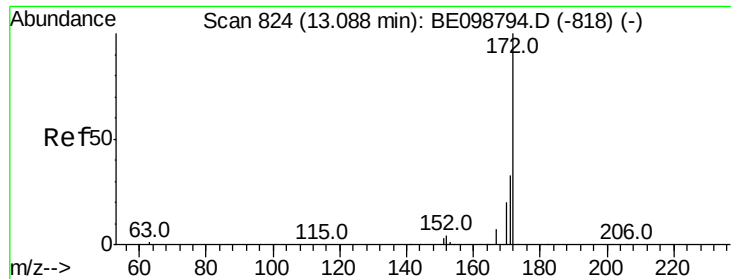


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

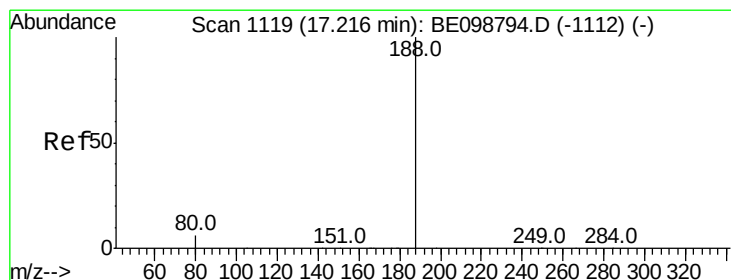
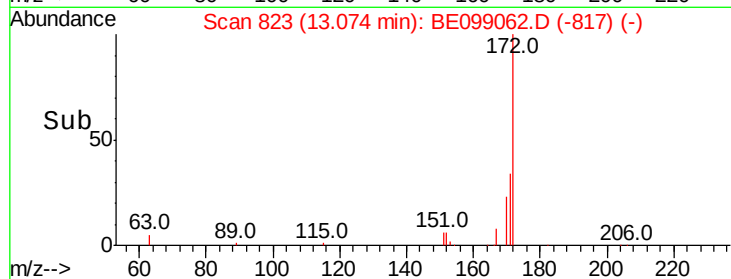
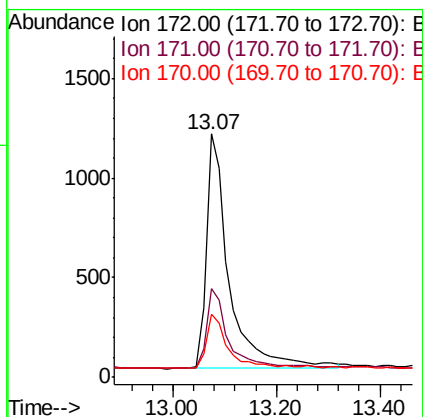
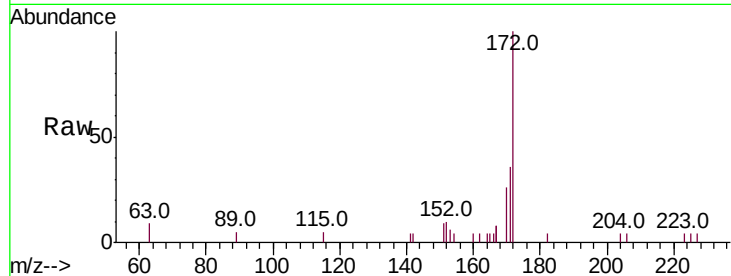




#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099062.D
Acq: 20 Mar 2019 8:16

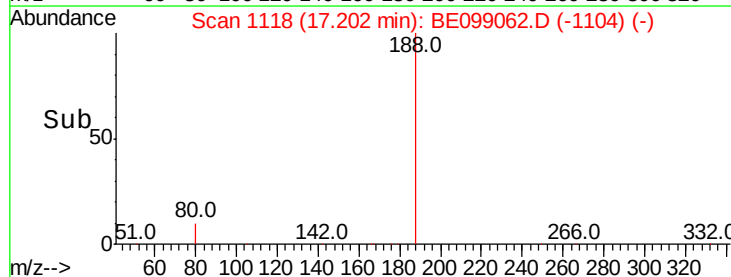
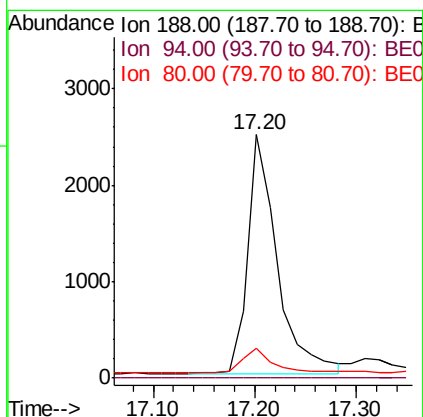
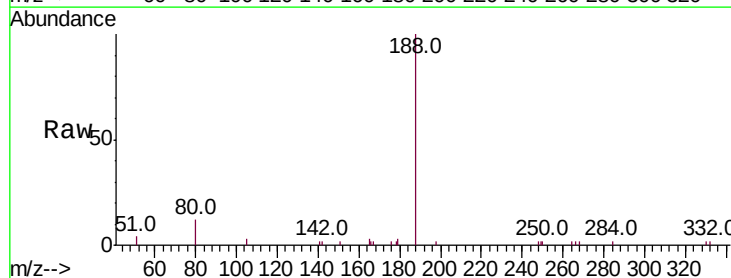
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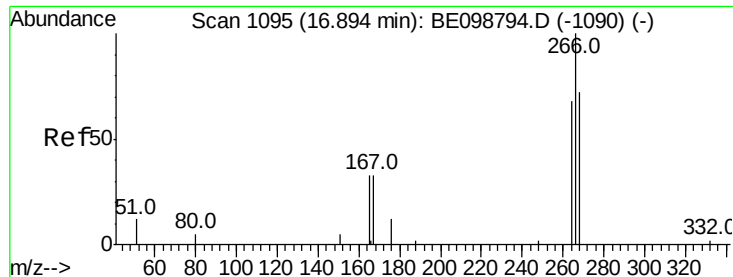
Tot Ion:172 Resp: 3612
Ion Ratio Lower Upper
172 100
171 36.3 28.0 42.0
170 26.1 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099062.D
Acq: 20 Mar 2019 8:16

Tgt Ion:188 Resp: 5023
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 6.3 9.5#





#22

Pentachlorophenol

Concen: 0.266 ng

RT: 16.83 min Scan# 1090

Delta R.T. -0.07 min

Lab File: BE099062.D

Acq: 20 Mar 2019 8:16

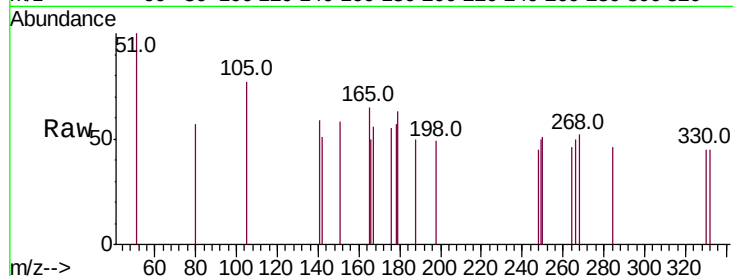
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190316

Tot Ion:266	Resp:	2	
Ion Ratio	Lower	Upper	
266	100		
264	91.8	66.6	100.0
268	104.1	69.8	104.8

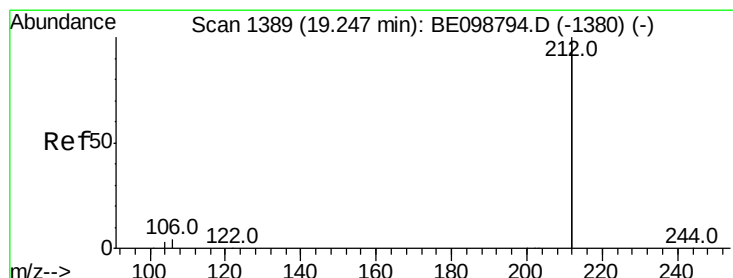
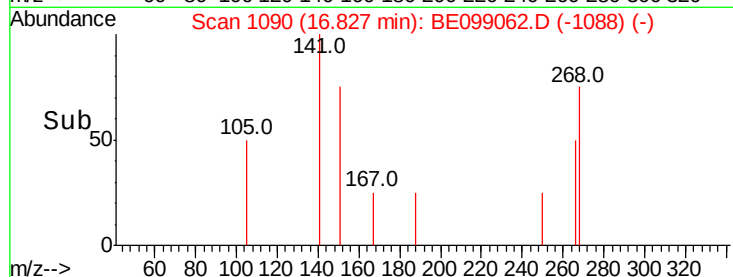
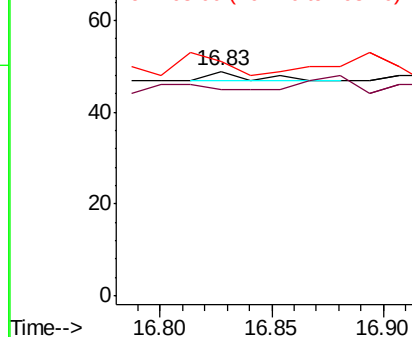


Abundance

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: 0.375 ng

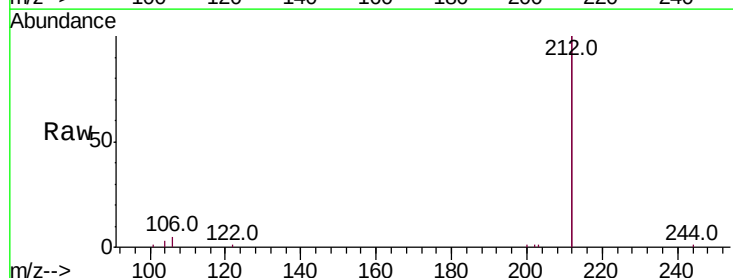
RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099062.D

Acq: 20 Mar 2019 8:16

Tgt	Ion:212	Resp:	30072
Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.0	1.6

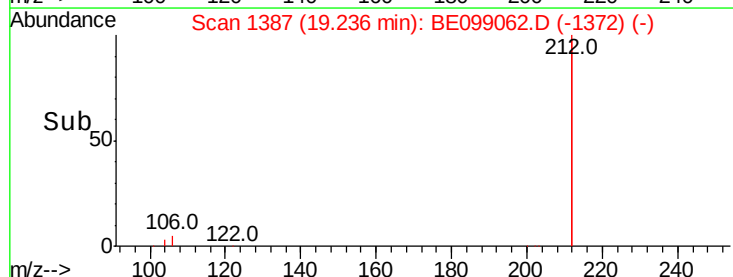
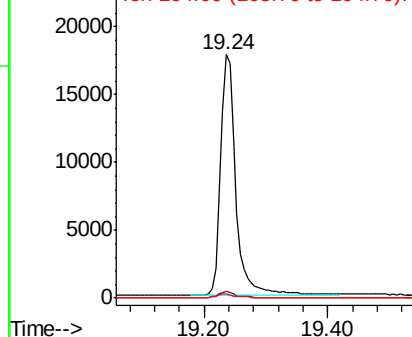


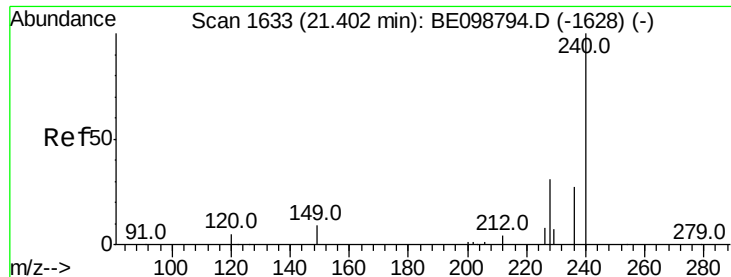
Abundance

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

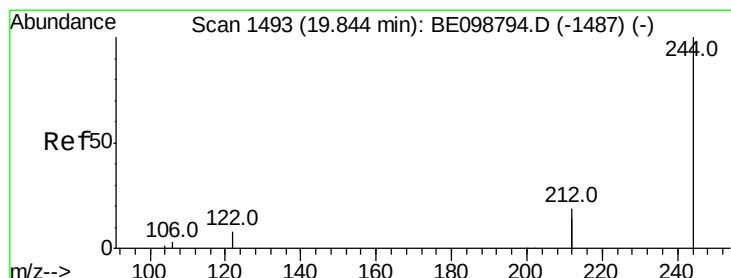
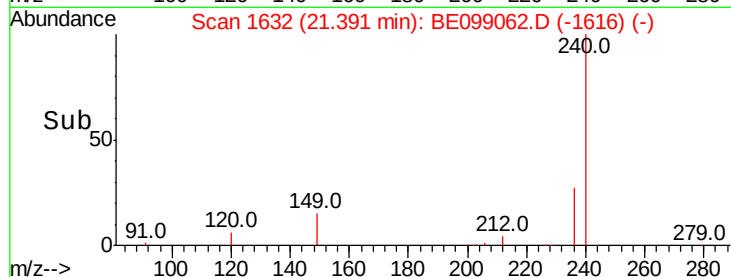
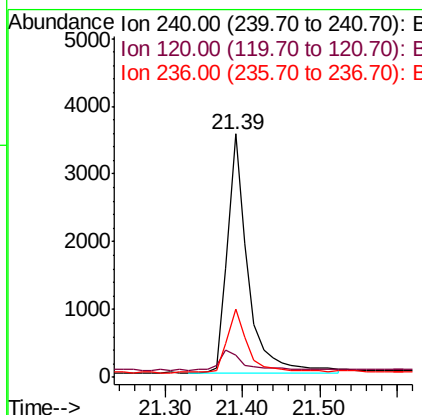
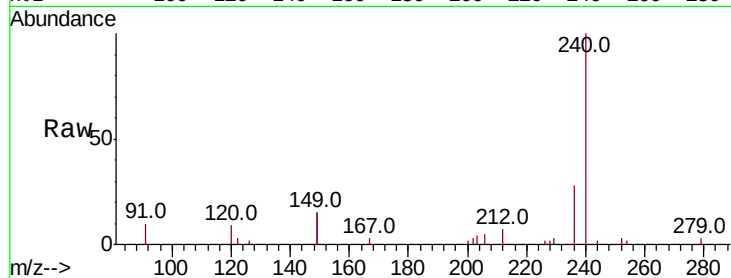




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099062.D
Acq: 20 Mar 2019 8:16

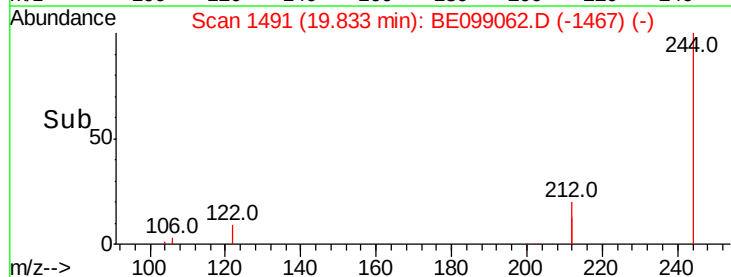
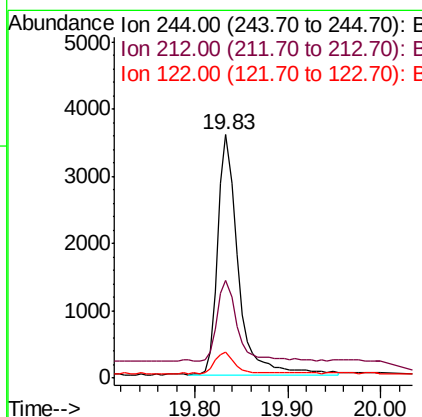
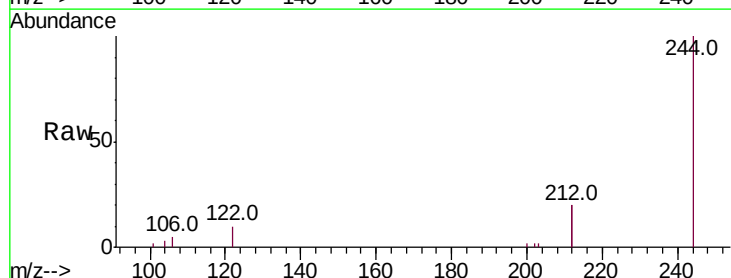
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190316

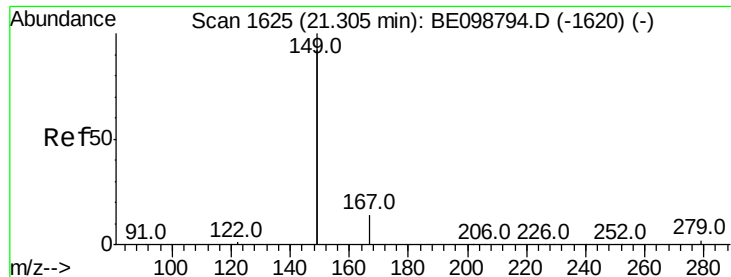
Tot Ion:240 Resp: 6478
Ion Ratio Lower Upper
240 100
120 8.9 5.0 7.4#
236 28.2 22.7 34.1



#29
Terphenyl-d14
Concen: 0.345 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099062.D
Acq: 20 Mar 2019 8:16

Tgt Ion:244 Resp: 5430
Ion Ratio Lower Upper
244 100
212 40.1 29.4 44.2
122 10.4 7.1 10.7





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.030 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099062.D

Acq: 20 Mar 2019 8:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190316

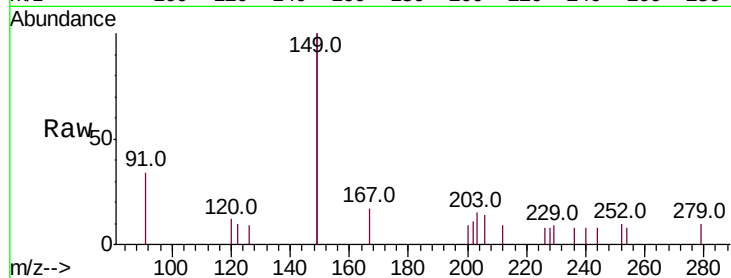
Tot Ion:149 Resp: 1275

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

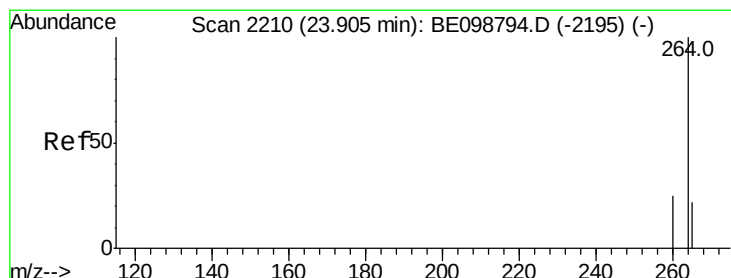
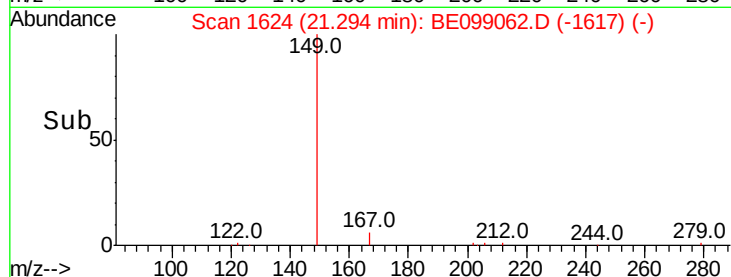
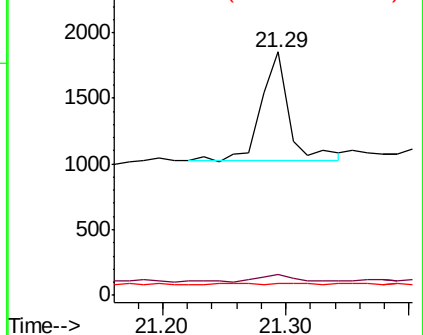
279 0.8 1.0 1.4#



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: 23.89 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BE099062.D

Acq: 20 Mar 2019 8:16

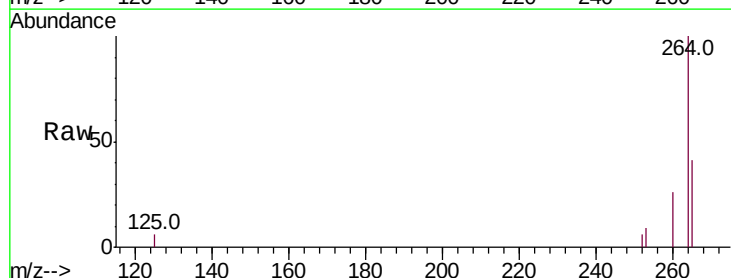
Tgt Ion:264 Resp: 6193

Ion Ratio Lower Upper

264 100

260 25.9 21.2 31.8

265 40.6 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

