

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041219\
 Data File : BE099319.D
 Acq On : 12 Apr 2019 20:26
 Operator : JU/SJ
 Sample : K2366-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20190409

Quant Time: Apr 12 21:33:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 12 20:31:12 2019
 Response via : Initial Calibration

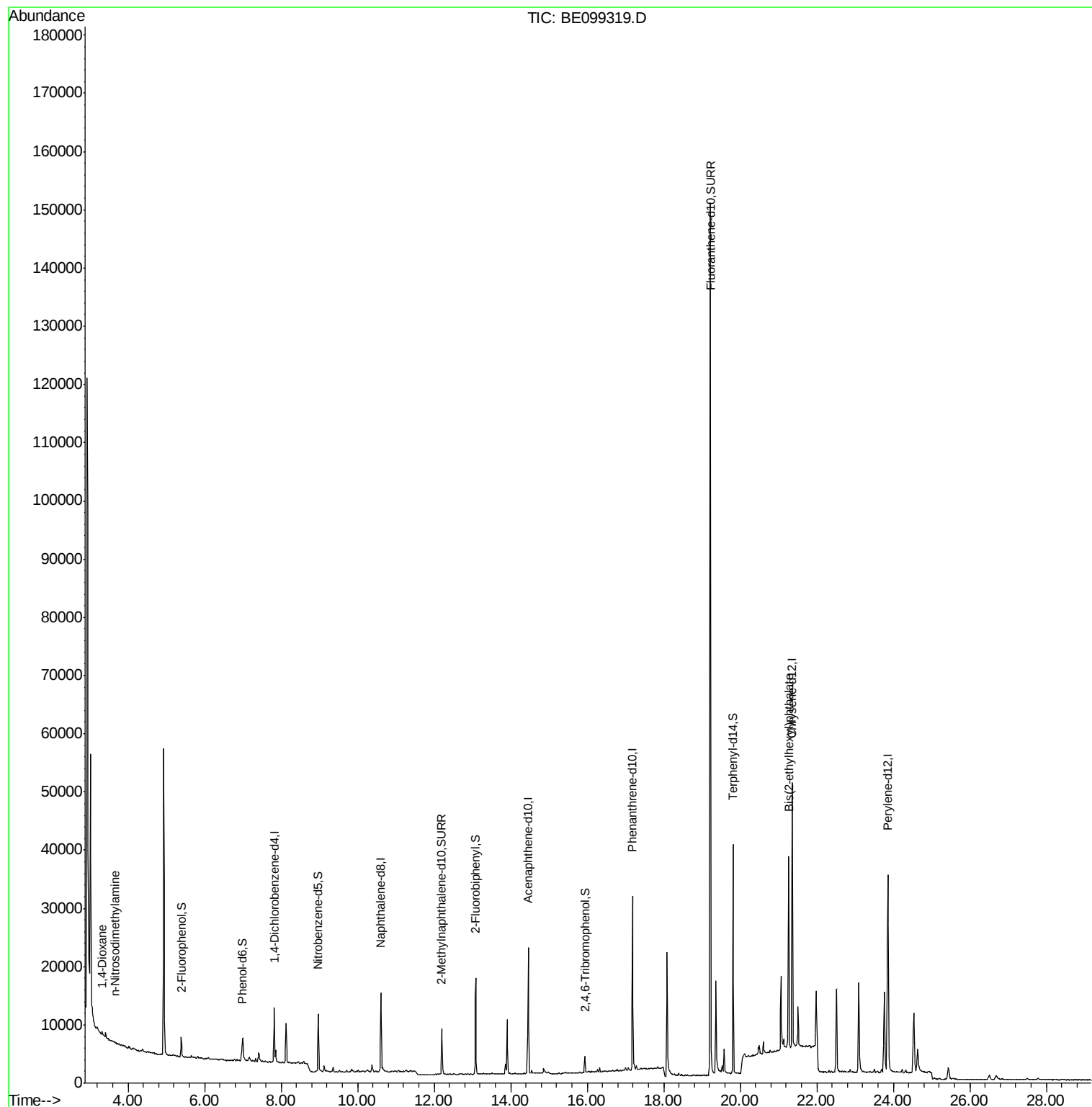
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4594	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	16980	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	12253	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	39015	0.40	ng	0.00
27) Chrysene-d12	21.35	240	53170	0.40	ng	-0.01
34) Perylene-d12	23.86	264	51520	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1817	0.15	ng	0.00
5) Phenol-d6	6.98	99	1451	0.09	ng	0.00
8) Nitrobenzene-d5	8.97	82	4701	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	10811	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1994	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	16911	0.35	ng	0.00
25) Fluoranthene-d10	19.22	212	197067	0.38	ng	0.00
29) Terphenyl-d14	19.81	244	34655	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	449	0.072	ng	Qvalue # 1
3) n-Nitrosodimethylamine	3.65	42	136	0.037	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.27	149	45693	0.214	ng	100

(#) = 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

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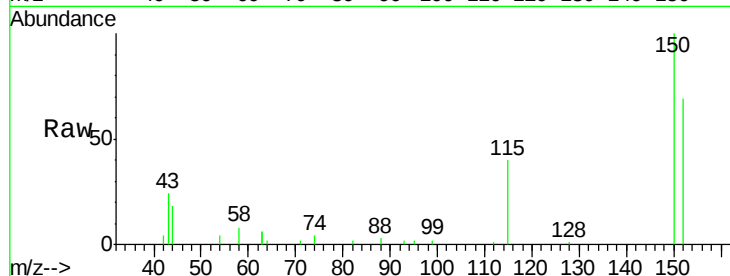
Tgt Ion:152 Resp: 4594

Ion Ratio Lower Upper

152 100

150 145.2 112.8 169.2

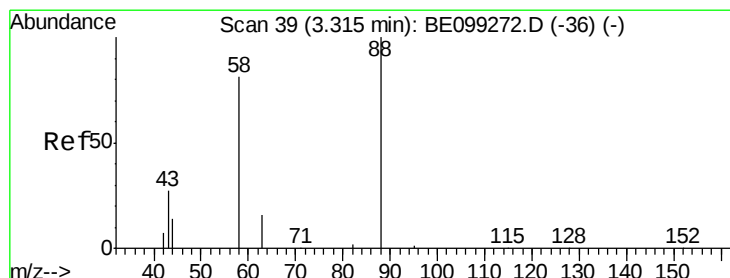
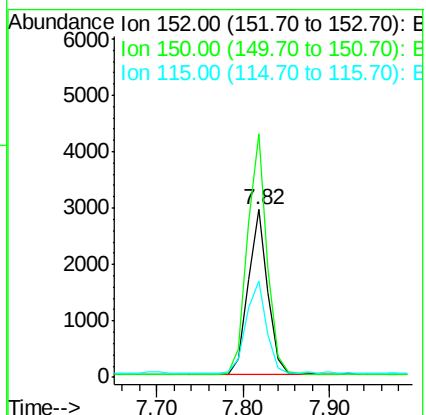
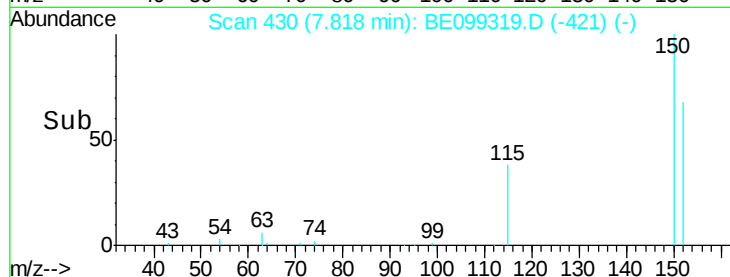
115 57.3 45.1 67.7



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: 0.072 ng

RT: 3.33 min Scan# 40

Delta R.T. 0.00 min

Lab File: BE099319.D

Acq: 12 Apr 2019 20:26

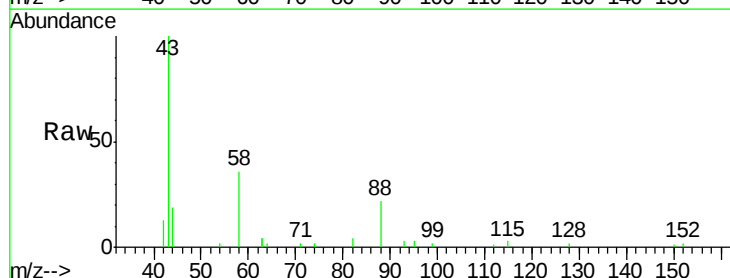
Tgt Ion: 88 Resp: 449

Ion Ratio Lower Upper

88 100

58 100.4 47.4 71.0#

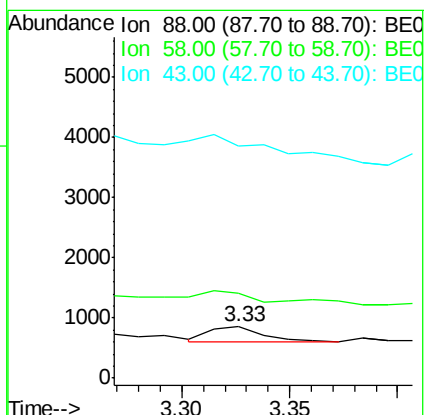
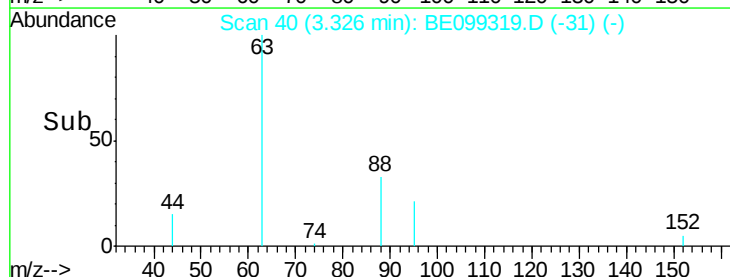
43 270.2 15.6 23.4#

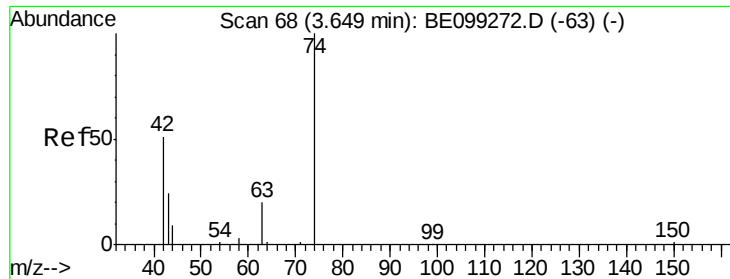


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.037 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE099319.D

Acq: 12 Apr 2019 20:26

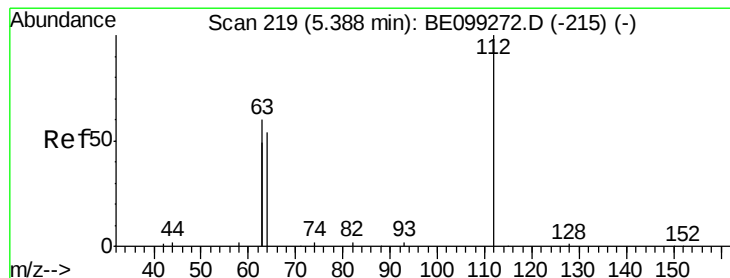
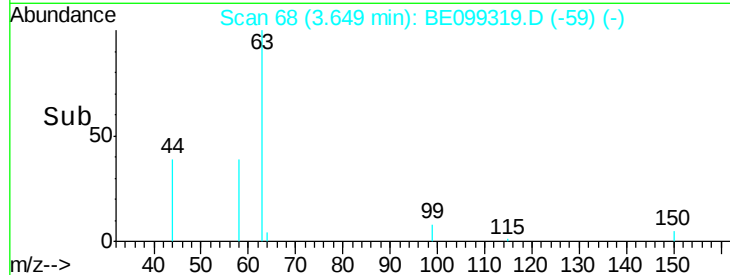
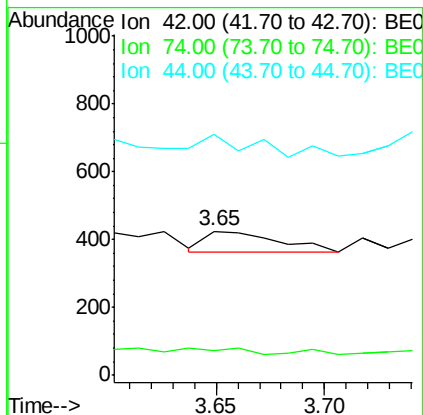
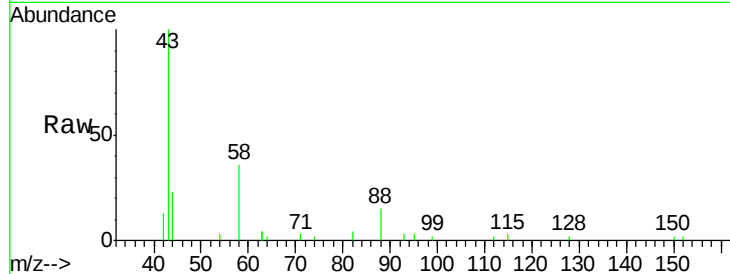
Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:	42	Resp:	136
Ion	Ratio	Lower	Upper
42	100		
74	20.6	138.6	207.8#
44	81.6	15.0	22.6#



#4

2-Fluorophenol

Concen: 0.149 ng

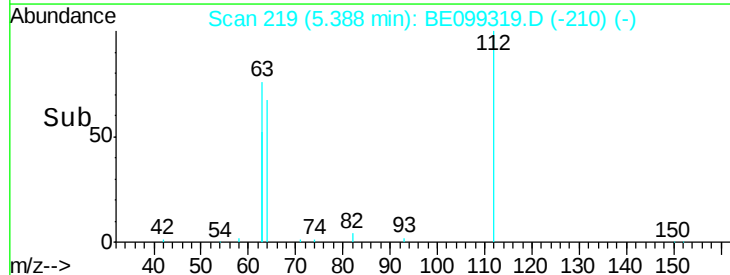
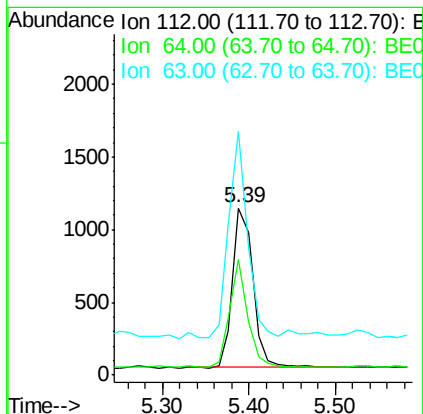
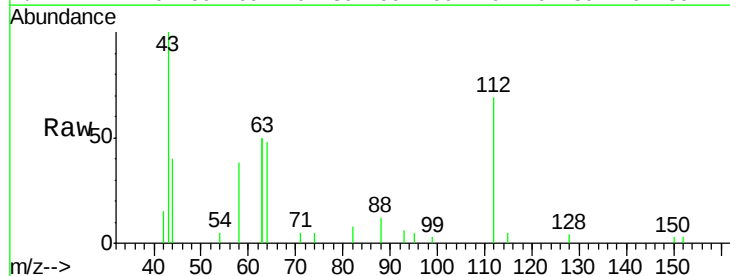
RT: 5.39 min Scan# 219

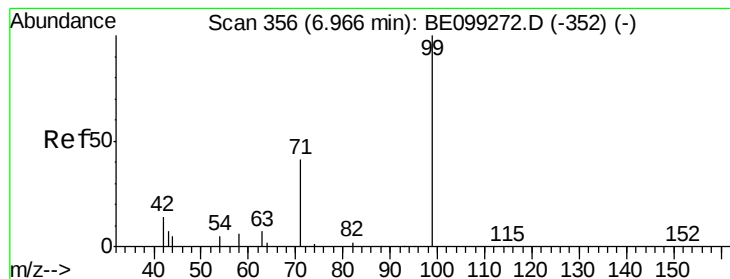
Delta R.T. 0.00 min

Lab File: BE099319.D

Acq: 12 Apr 2019 20:26

Tgt Ion:	112	Resp:	1817
Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.2	69.2
63	120.4	89.9	134.9





#5

Phenol-d6

Concen: 0.086 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099319.D

Acq: 12 Apr 2019 20:26

Instrument :

BNA_E

ClientSampleId :

DUP01-20190409

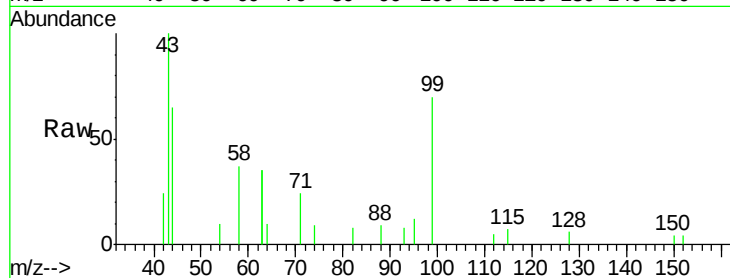
Tgt Ion: 99 Resp: 1451

Ion Ratio Lower Upper

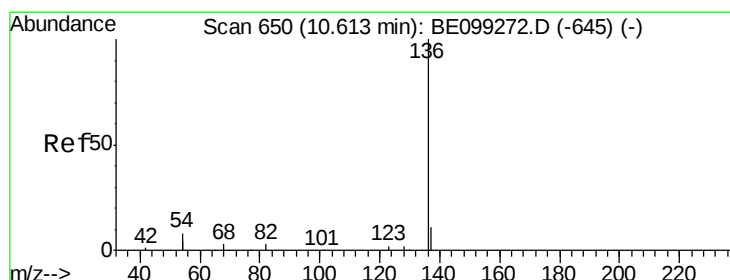
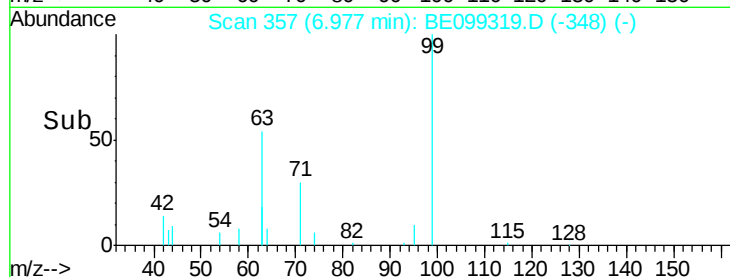
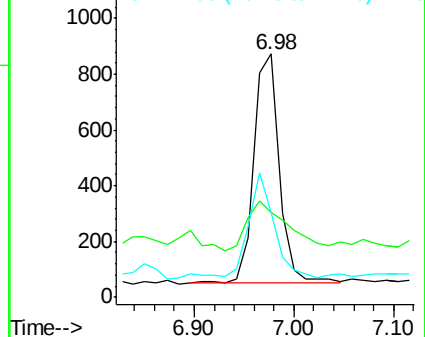
99 100

42 34.7 12.4 18.6#

71 44.9 28.4 42.6#



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: BE099319.D

Acq: 12 Apr 2019 20:26

Tgt Ion: 136 Resp: 16980

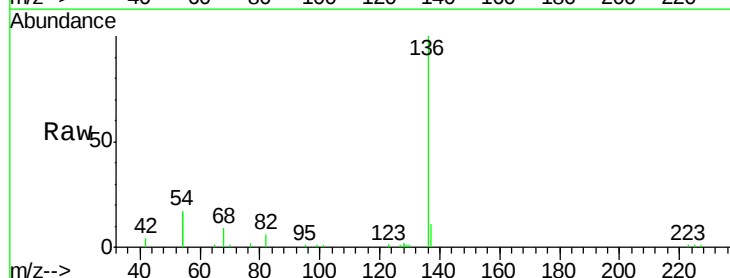
Ion Ratio Lower Upper

136 100

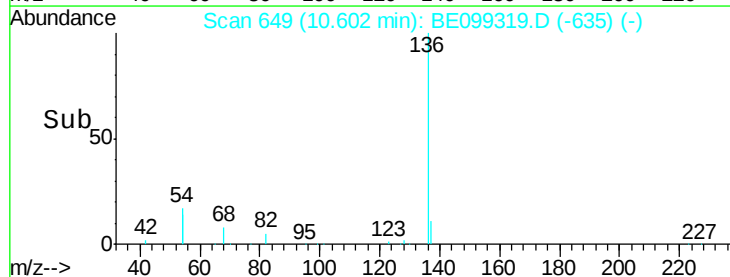
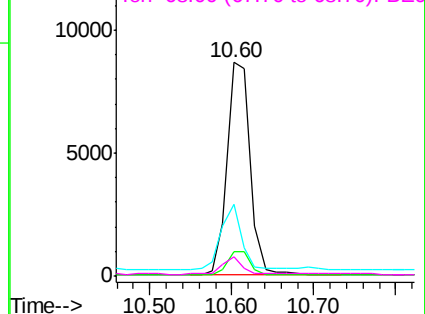
137 11.4 8.7 13.1

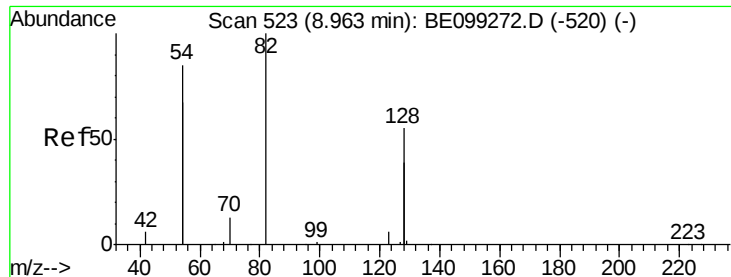
54 33.5 18.7 28.1#

68 8.9 5.2 7.8#



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

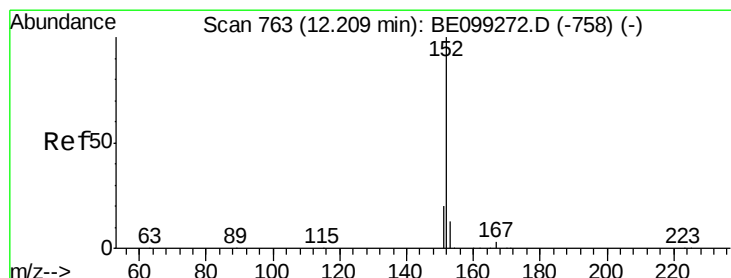
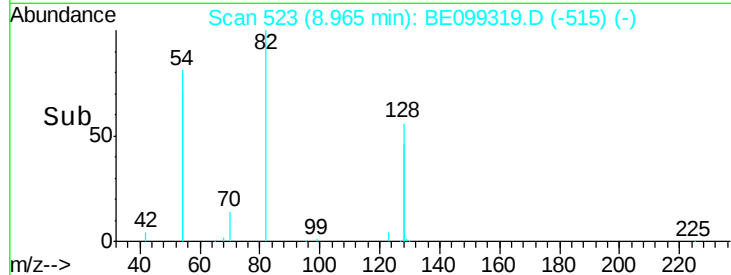
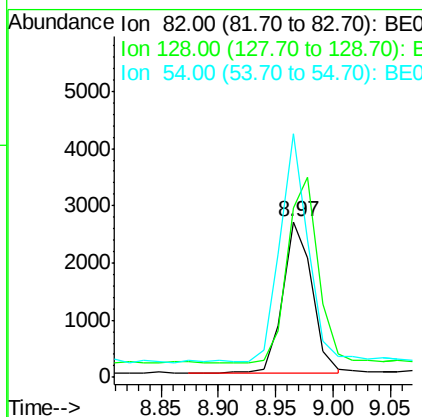
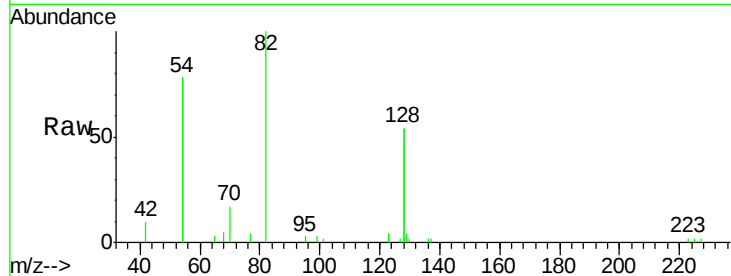




#8
 Nitrobenzene-d5
 Concen: 0.403 ng
 RT: 8.97 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BE099319.D
 Acq: 12 Apr 2019 20:26

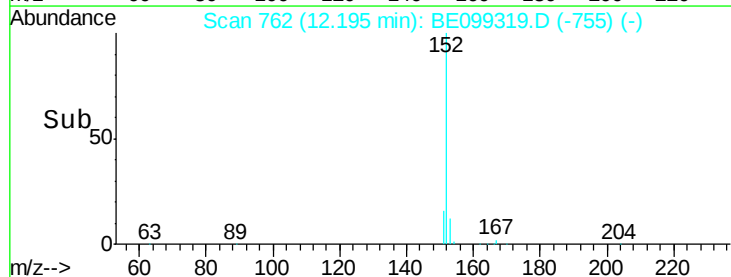
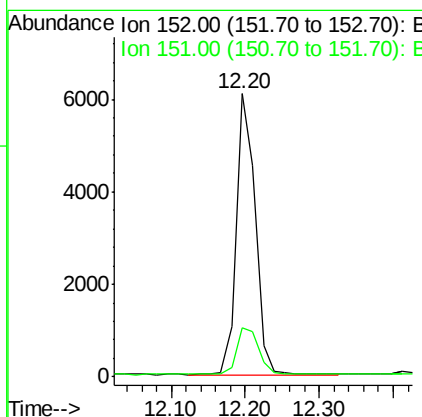
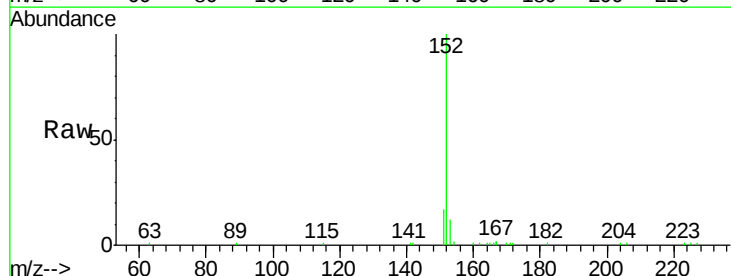
Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20190409

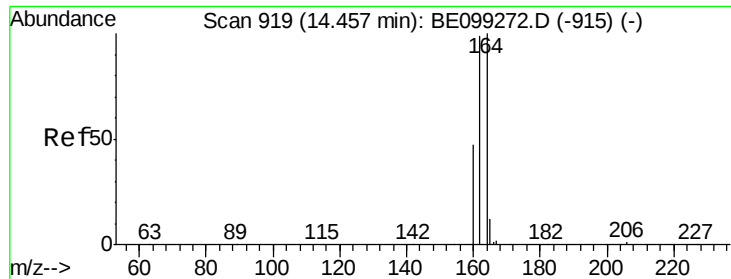
Tgt Ion	Ratio	Lower	Upper
82	100		
128	108.9	107.5	161.3
54	156.7	106.3	159.5



#11
 2-Methylnaphthalene-d10
 Concen: 0.365 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099319.D
 Acq: 12 Apr 2019 20:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.0	22.6

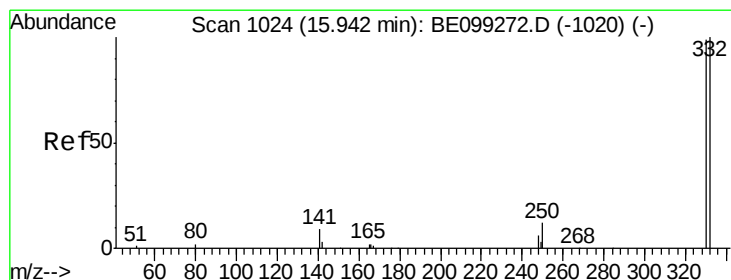
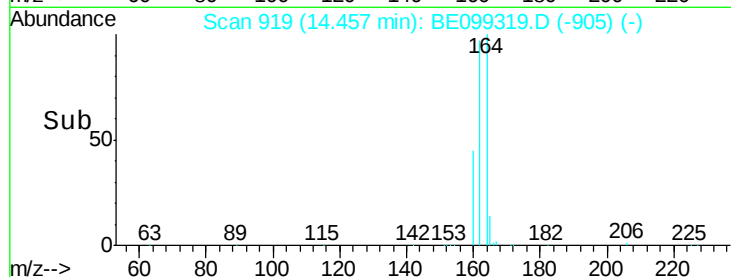
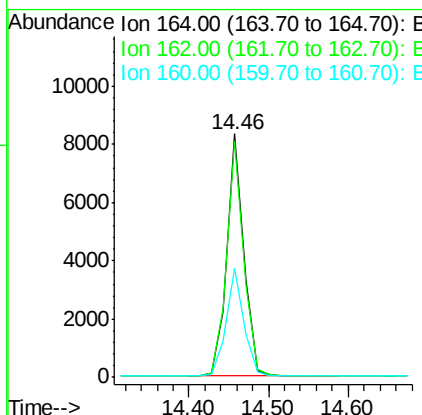
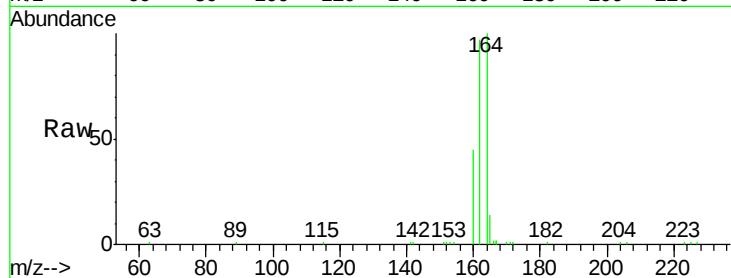




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099319.D
Acq: 12 Apr 2019 20:26

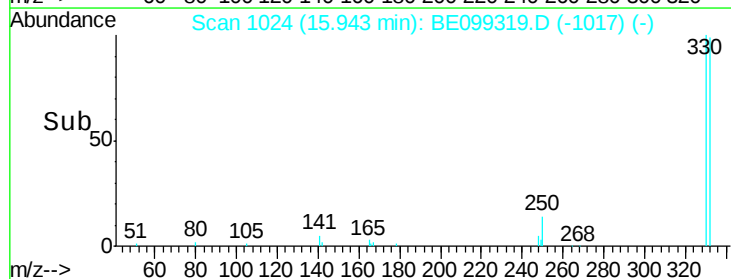
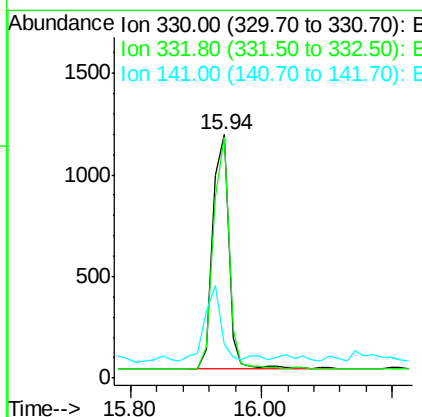
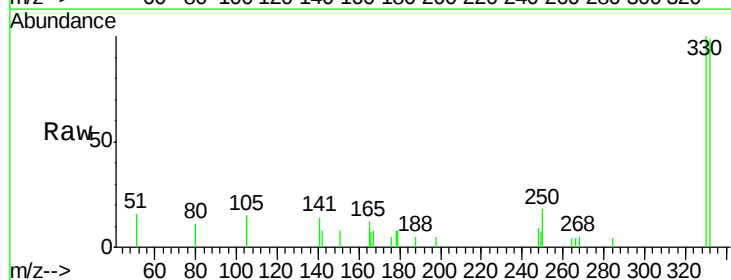
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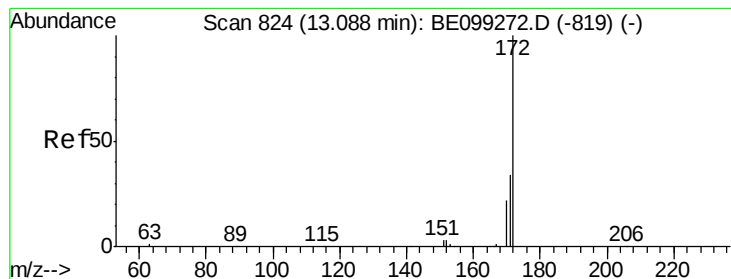
Tgt Ion:164 Resp: 12253
Ion Ratio Lower Upper
164 100
162 96.9 79.2 118.8
160 45.1 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099319.D
Acq: 12 Apr 2019 20:26

Tgt Ion:330 Resp: 1994
Ion Ratio Lower Upper
330 100
332 94.7 71.3 106.9
141 31.3 21.7 32.5

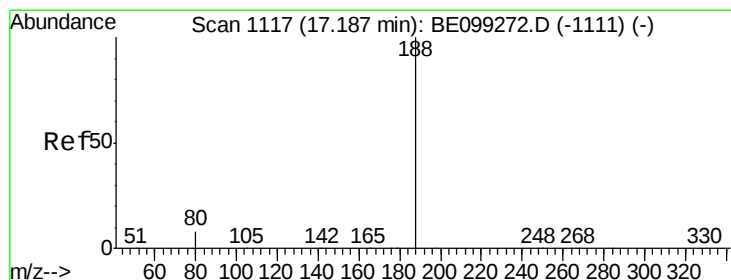
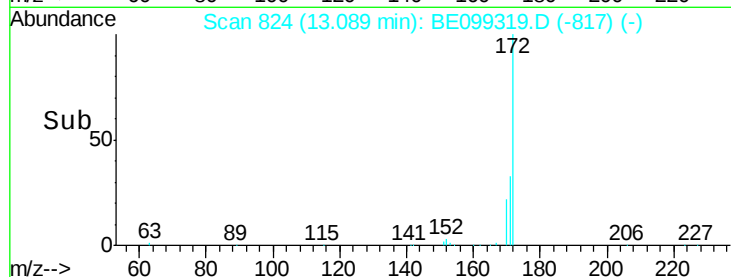
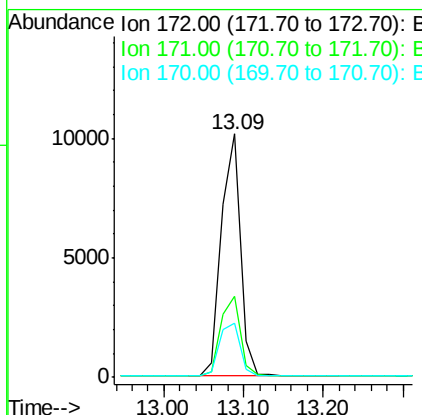
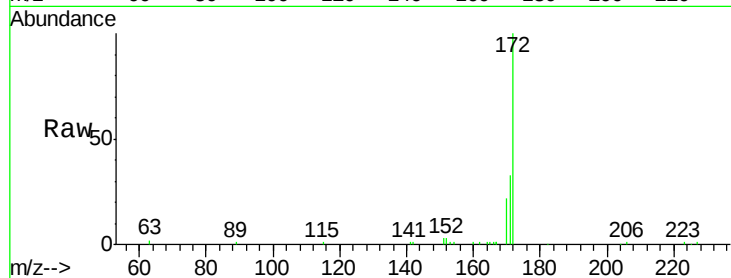




#15
 2-Fluorobiphenyl
 Concen: 0.351 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE099319.D
 Acq: 12 Apr 2019 20:26

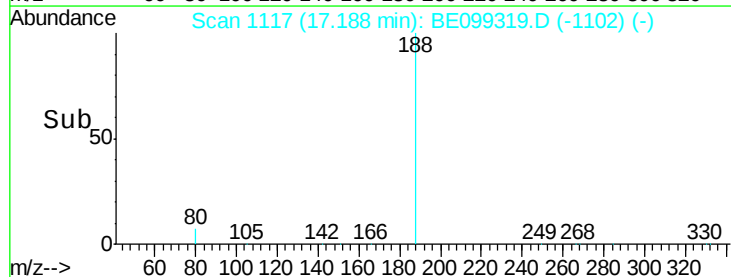
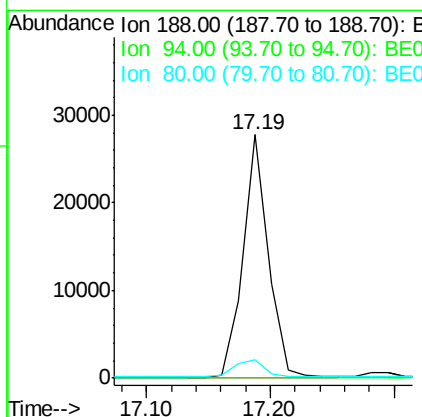
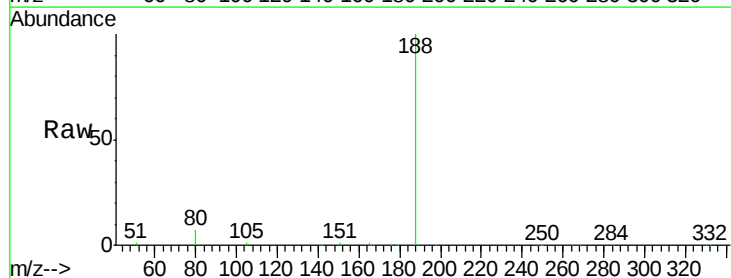
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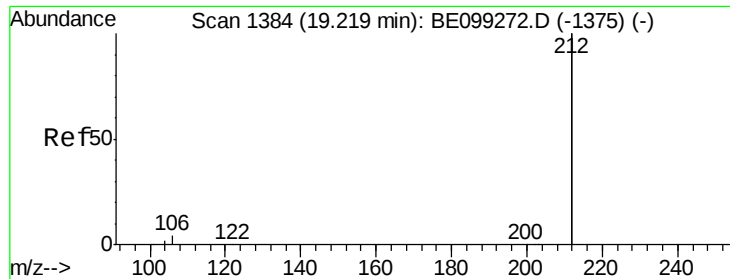
Tgt Ion:172 Resp: 16911
 Ion Ratio Lower Upper
 172 100
 171 33.3 27.4 41.0
 170 22.4 19.1 28.7



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BE099319.D
 Acq: 12 Apr 2019 20:26

Tgt Ion:188 Resp: 39015
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.5 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099319.D

Acq: 12 Apr 2019 20:26

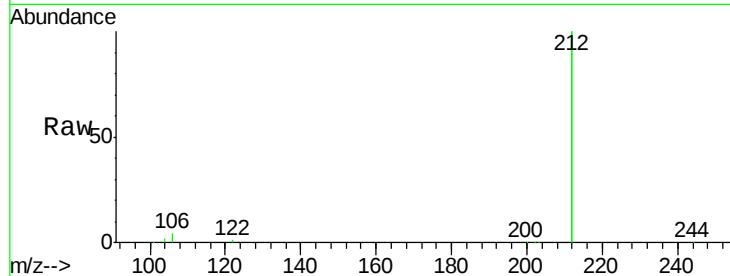
Instrument :

BNA_E

ClientSampleId :

DUP01-20190409

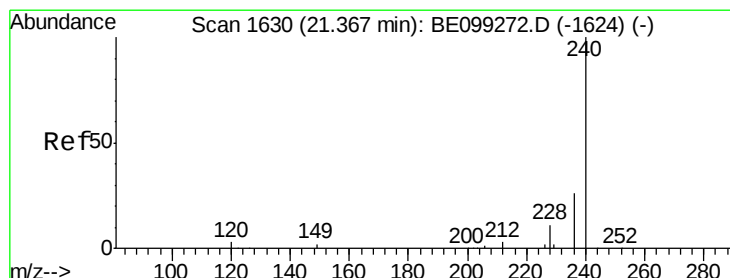
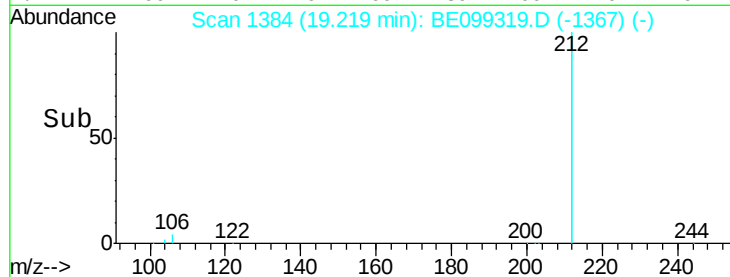
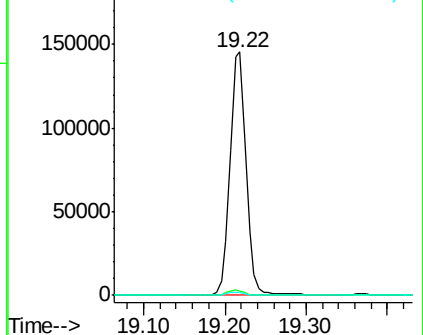
Tgt Ion:	212	Resp:	197067
Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.3	1.1	1.7



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

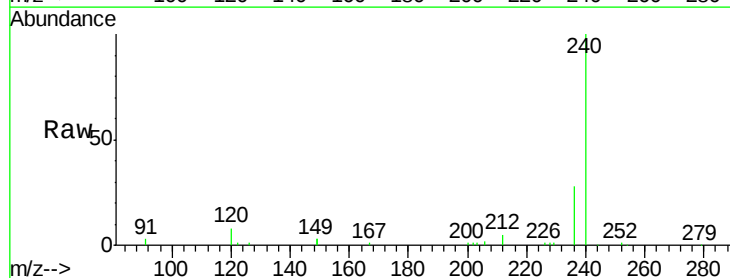
RT: 21.35 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BE099319.D

Acq: 12 Apr 2019 20:26

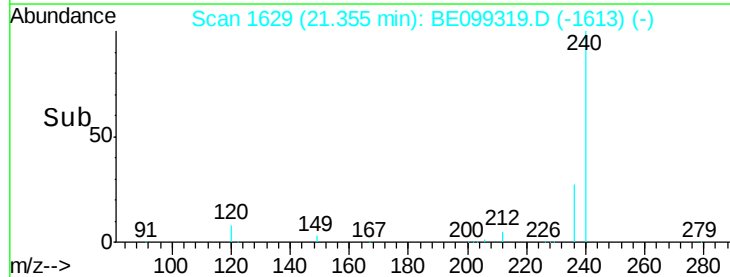
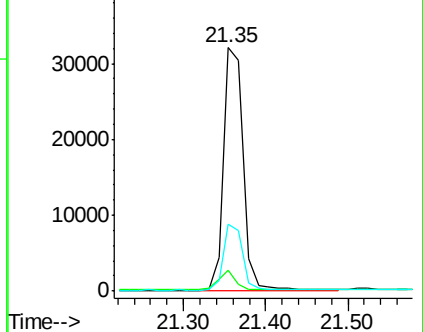
Tgt Ion:	240	Resp:	53170
Ion	Ratio	Lower	Upper
240	100		
120	8.4	2.6	3.8#
236	27.7	20.9	31.3

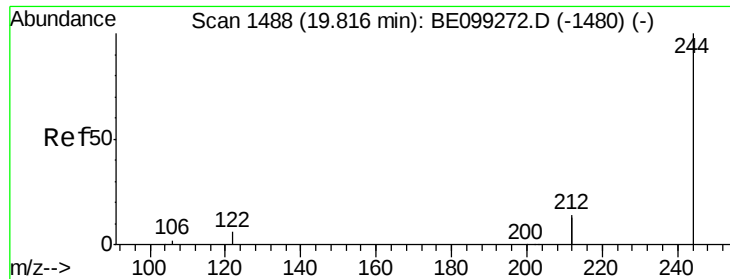


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.357 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099319.D

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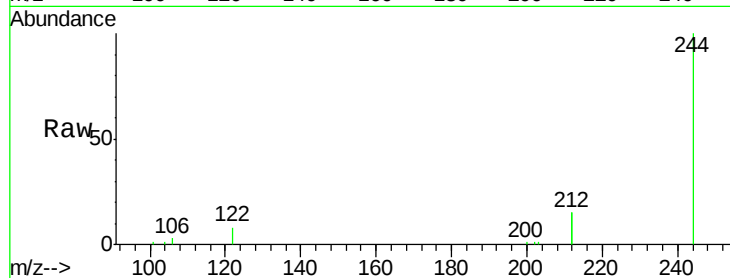
Tgt Ion:244 Resp: 34655

Ion Ratio Lower Upper

244 100

212 30.9 22.7 34.1

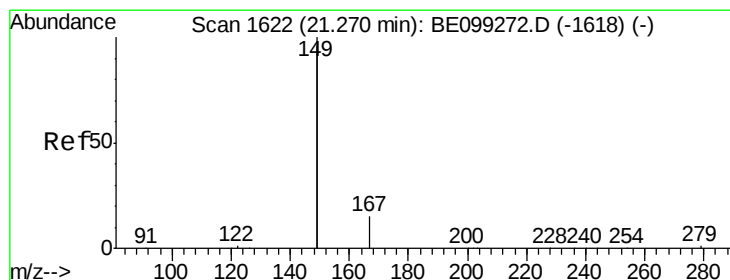
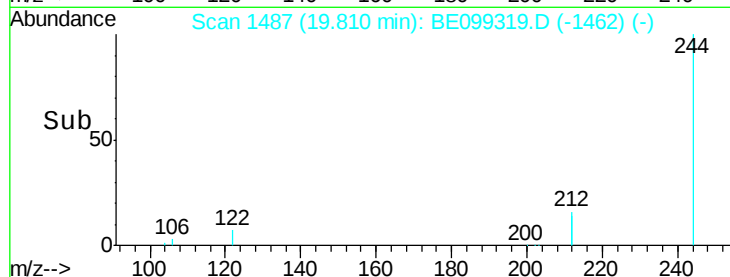
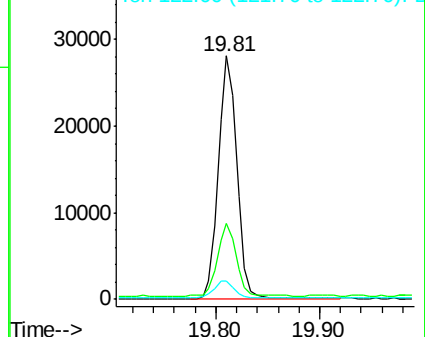
122 7.7 5.8 8.6



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: 0.214 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099319.D

Acq: 12 Apr 2019 20:26

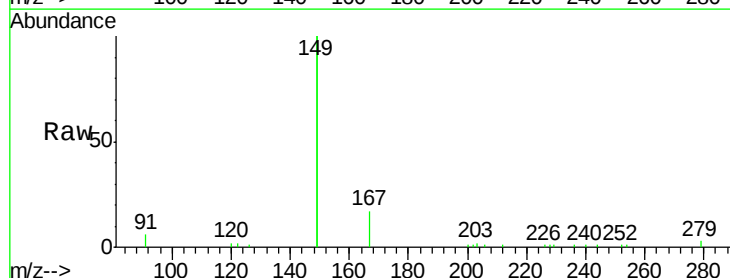
Tgt Ion:149 Resp: 45693

Ion Ratio Lower Upper

149 100

167 7.6 5.9 8.9

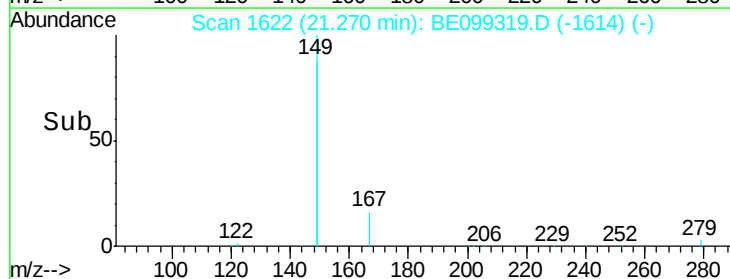
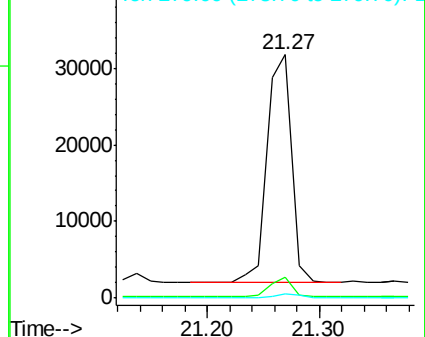
279 1.2 1.0 1.6

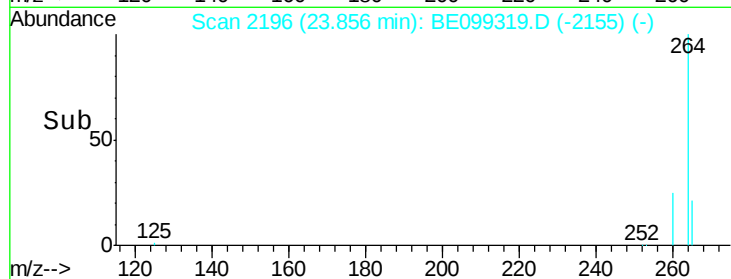
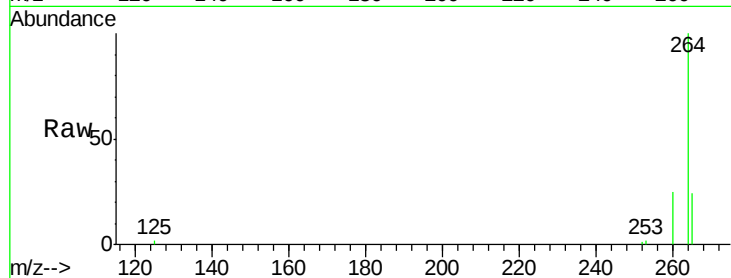
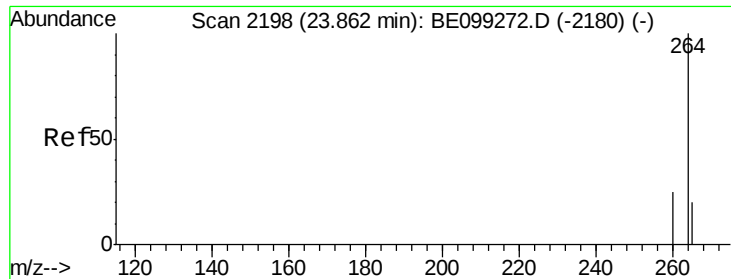


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.86 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BE099319.D

Acq: 12 Apr 2019 20:26

Instrument :

BNA_E

ClientSampleId :

DUP01-20190409

Tgt Ion: 264 Resp: 51520

Ion Ratio Lower Upper

264 100

260 25.2 18.2 27.2

265 24.3 21.8 32.8

