

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
 Data File : BE095727.D
 Acq On : 12 Mar 2018 12:02
 Operator : SJ/JU
 Sample : J1867-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS133071

Quant Time: Mar 12 12:48:16 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

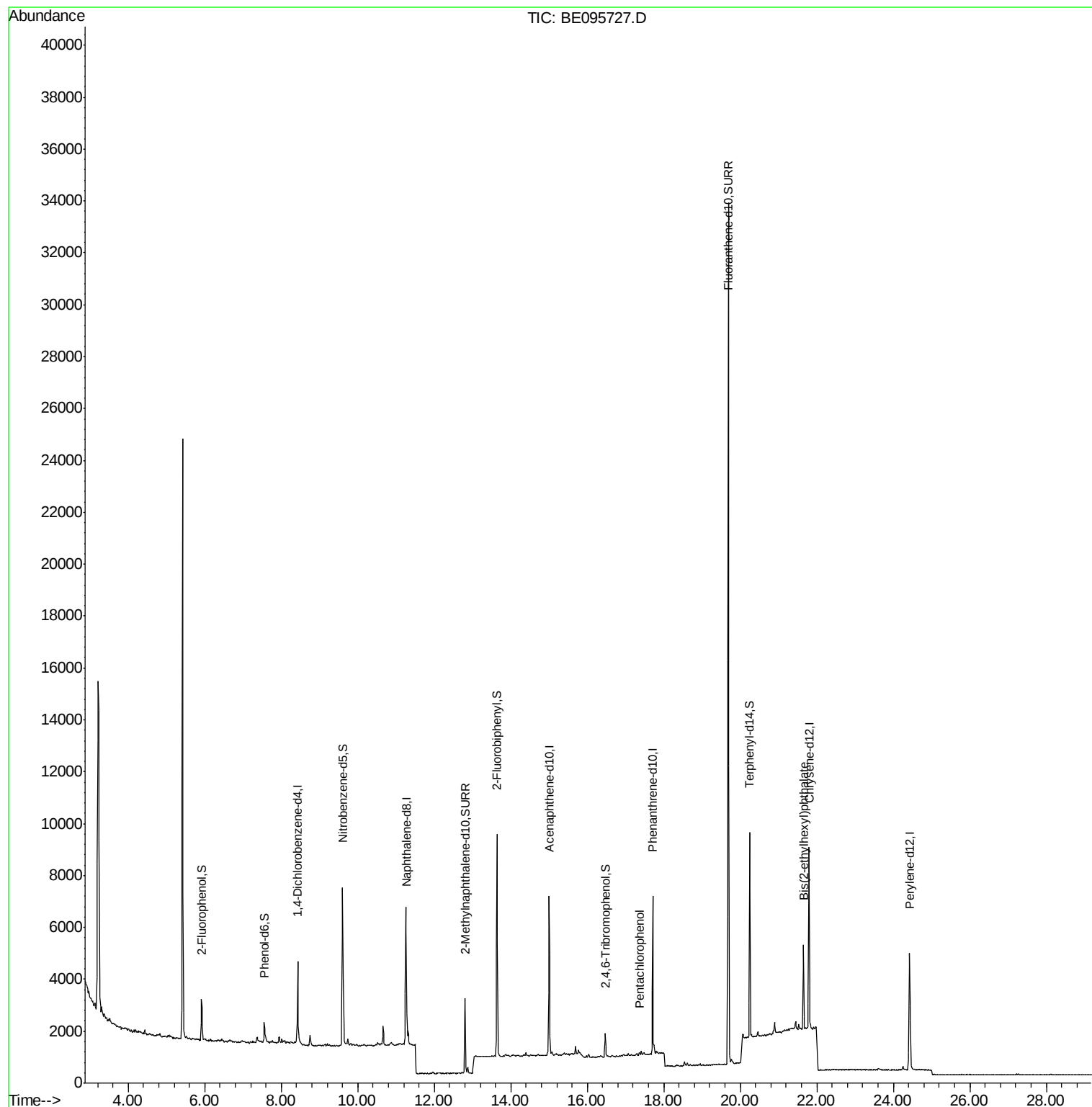
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1525	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	6091	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3440	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7730	0.40	ng	0.00
27) Chrysene-d12	21.80	240	7818	0.40	ng	0.01
34) Perylene-d12	24.43	264	7291	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	760	0.19	ng	0.00
5) Phenol-d6	7.56	99	680	0.12	ng	0.00
8) Nitrobenzene-d5	9.61	82	2375	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.81	152	4045	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	545	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	7311	0.48	ng	0.00
25) Fluoranthene-d10	19.69	212	41616	0.41	ng	0.00
29) Terphenyl-d14	20.24	244	7976	0.51	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	17.37	266	52	0.207	ng	97
32) Bis(2-ethylhexyl)phthalate	21.66	149	4183	0.093	ng	98

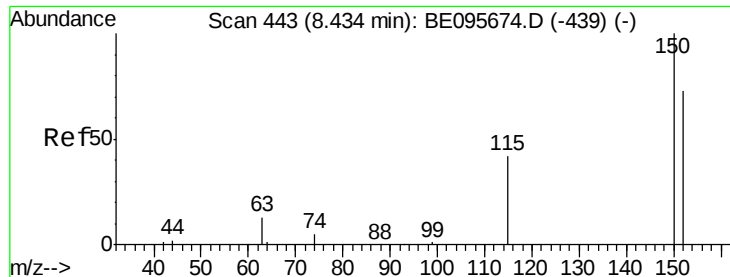
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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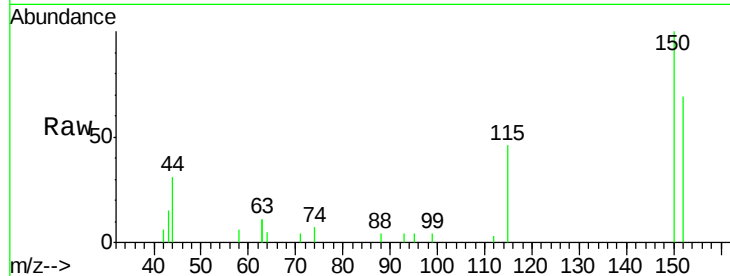


#1

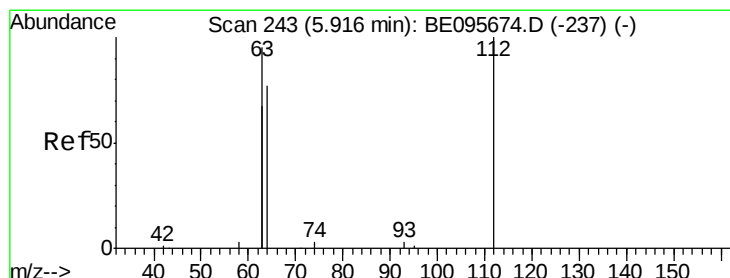
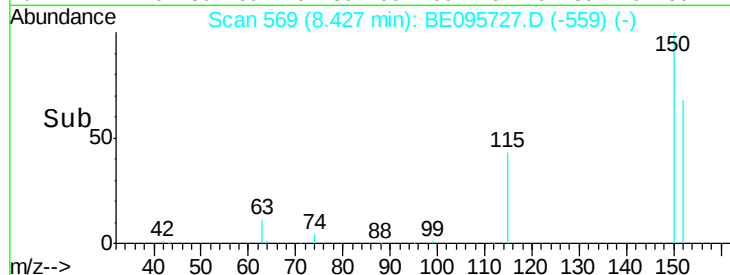
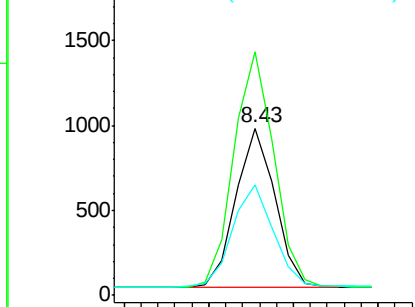
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095727.D
Acq: 12 Mar 2018 12:02

Instrument :
BNA_E
ClientSampleId :
CPS133071

Tot Ion	152	Resp	1525
Ion Ratio	Lower	Upper	
152	100		
150	145.6	117.2	175.8
115	66.3	57.0	85.6



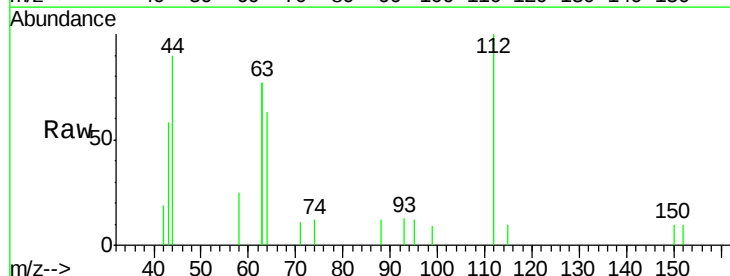
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



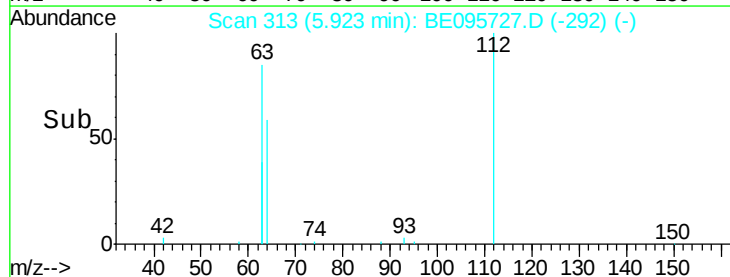
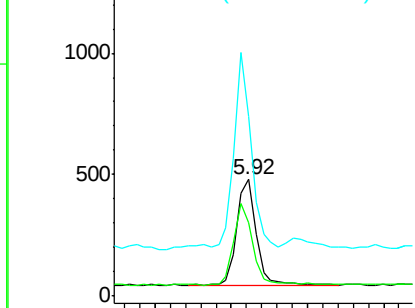
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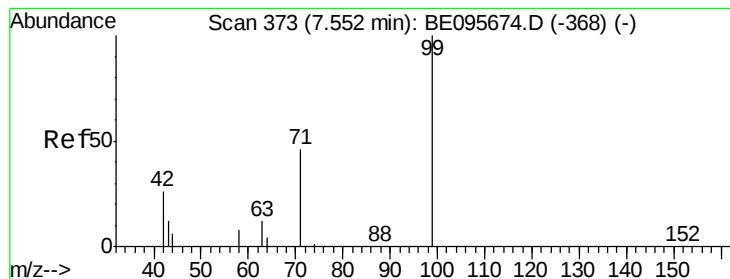
2-Fluorophenol
Concen: 0.189 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095727.D
Acq: 12 Mar 2018 12:02

Tgt Ion	112	Resp	760
Ion Ratio	Lower	Upper	
112	100		
64	74.6	60.1	90.1
63	171.4	116.8	175.2



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: 0.122 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095727.D

Acq: 12 Mar 2018 12:02

Instrument :

BNA_E

ClientSampleId :

CPS133071

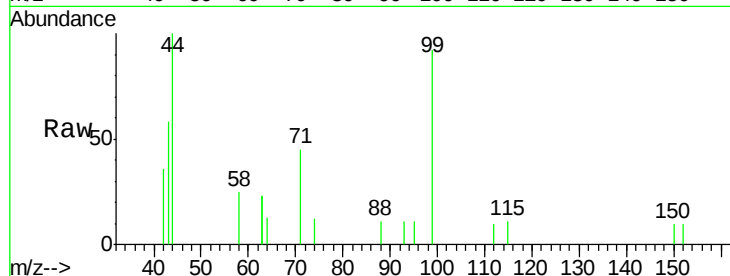
Tot Ion: 99 Resp: 680

Ion Ratio Lower Upper

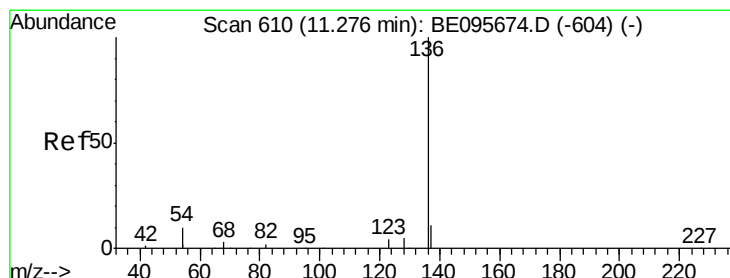
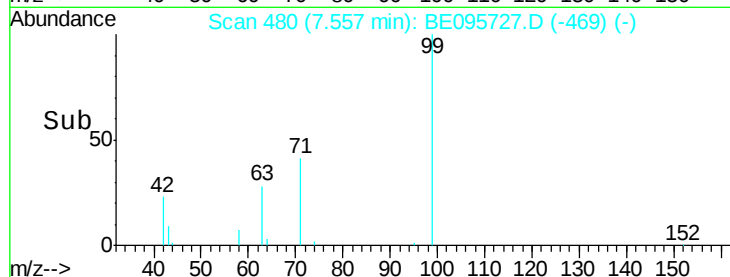
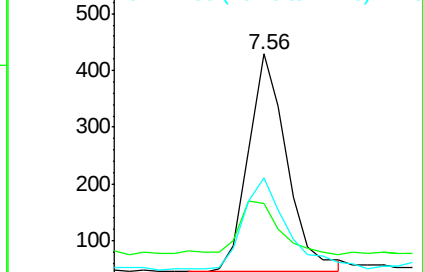
99 100

42 26.2 20.2 30.2

71 48.7 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: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095727.D

Acq: 12 Mar 2018 12:02

Tgt Ion: 136 Resp: 6091

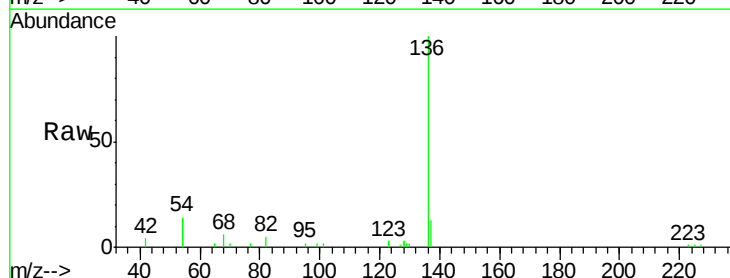
Ion Ratio Lower Upper

136 100

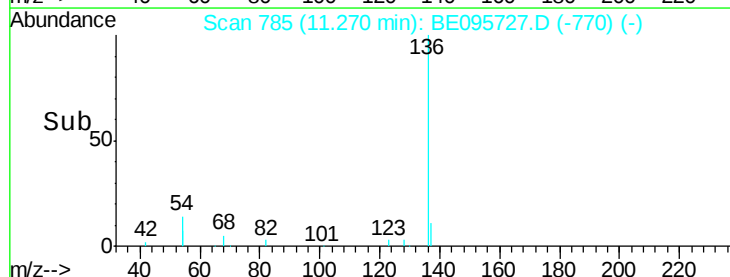
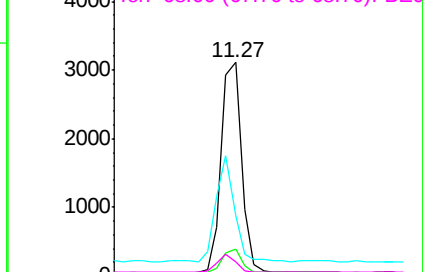
137 12.6 9.5 14.3

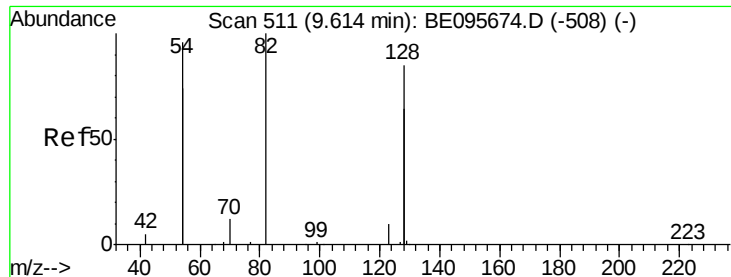
54 28.0 29.1 43.7#

68 6.4 6.2 9.2



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: 0.378 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095727.D

Acq: 12 Mar 2018 12:02

Instrument :

BNA_E

ClientSampleId :

CPS133071

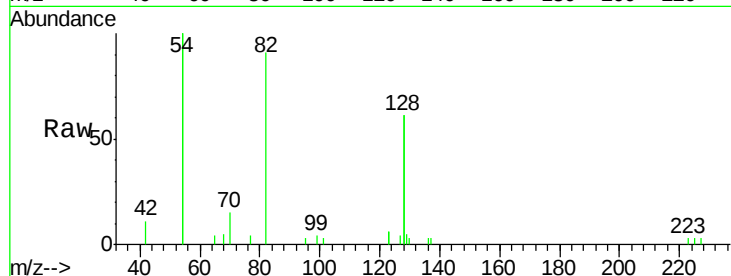
Tot Ion: 82 Resp: 2375

Ion Ratio Lower Upper

82 100

128 134.7 150.0 225.0#

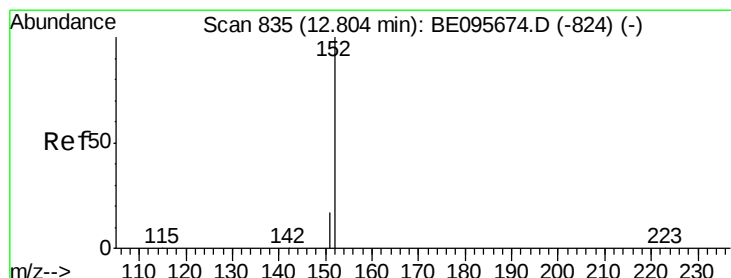
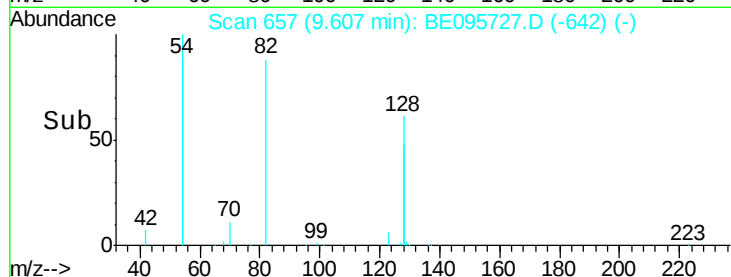
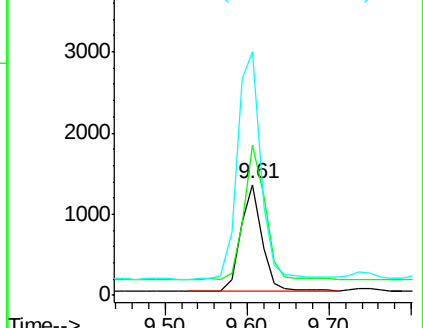
54 219.1 154.2 231.4



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: 0.397 ng

RT: 12.81 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BE095727.D

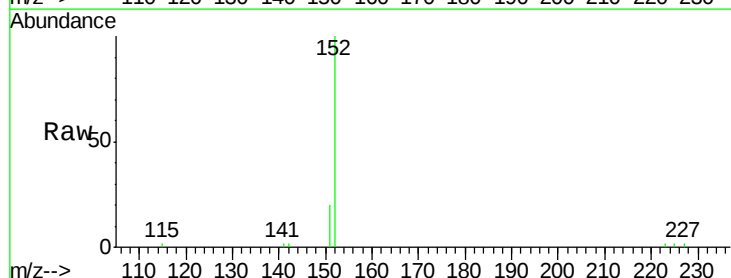
Acq: 12 Mar 2018 12:02

Tgt Ion: 152 Resp: 4045

Ion Ratio Lower Upper

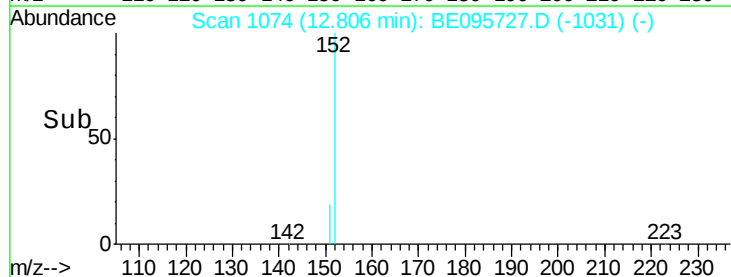
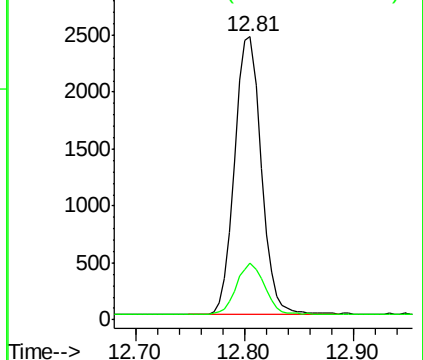
152 100

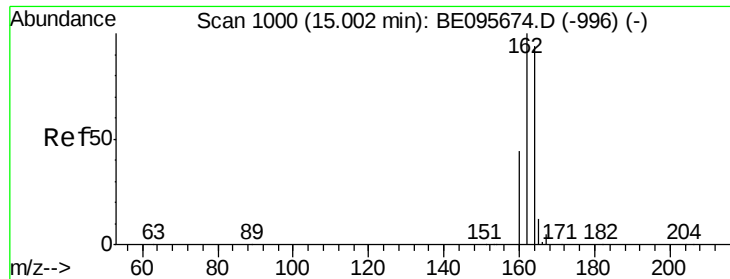
151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE095727.D

Acq: 12 Mar 2018 12:02

Instrument :

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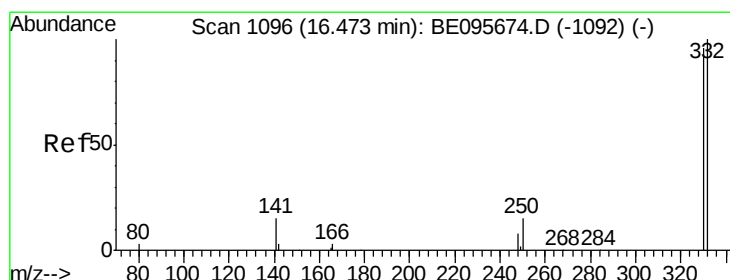
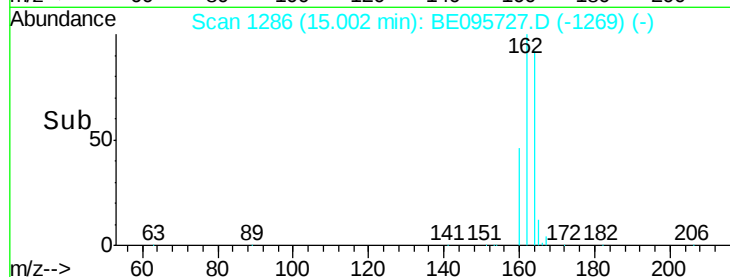
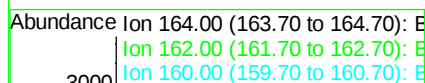
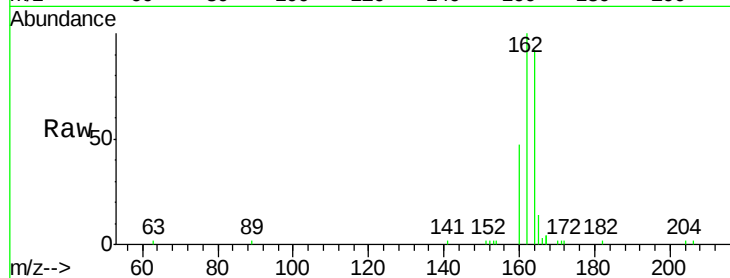
Tot Ion:164 Resp: 3440

Ion Ratio Lower Upper

164 100

162 108.3 83.1 124.7

160 50.6 37.1 55.7



#14

2,4,6-Tribromophenol

Concen: 0.446 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095727.D

Acq: 12 Mar 2018 12:02

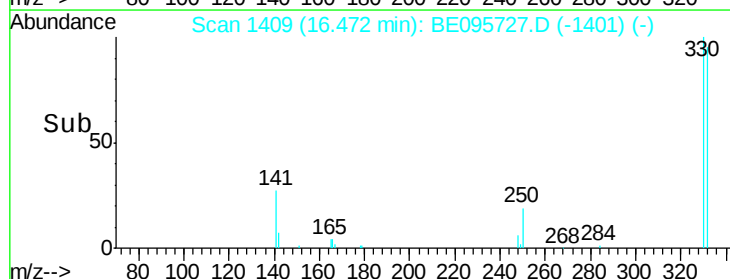
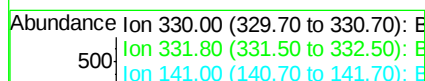
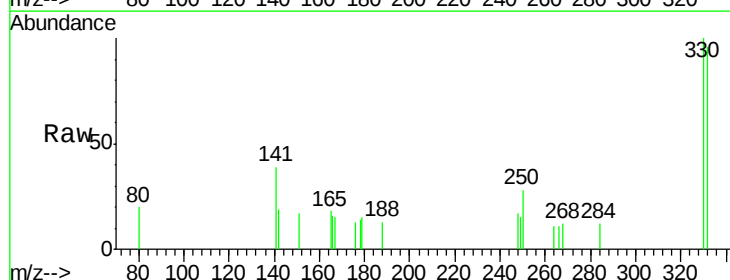
Tgt Ion:330 Resp: 545

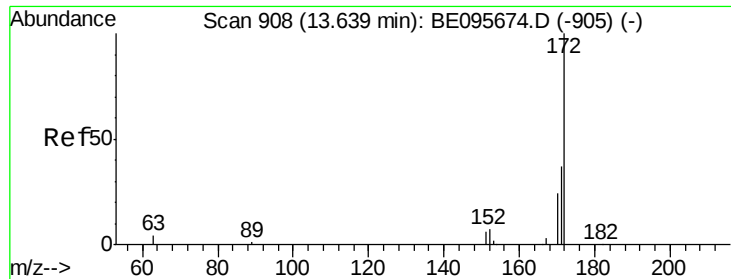
Ion Ratio Lower Upper

330 100

332 95.0 152.7 229.1#

141 50.1 33.7 50.5

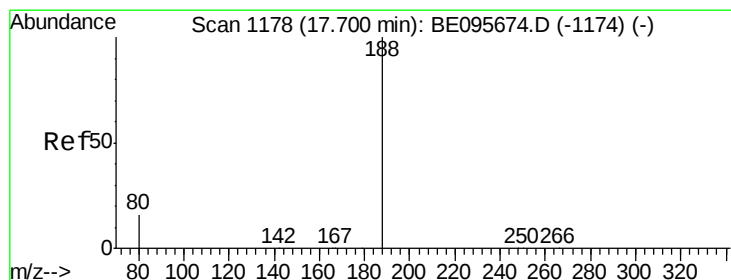
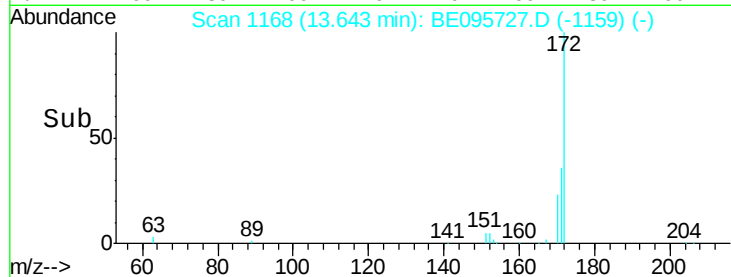
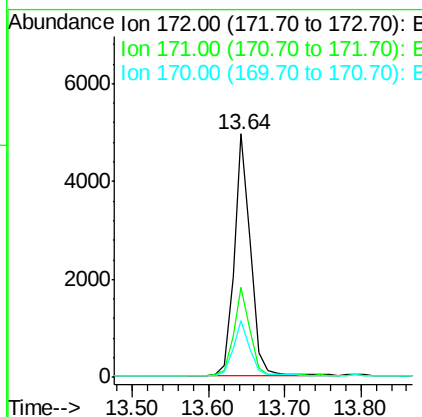
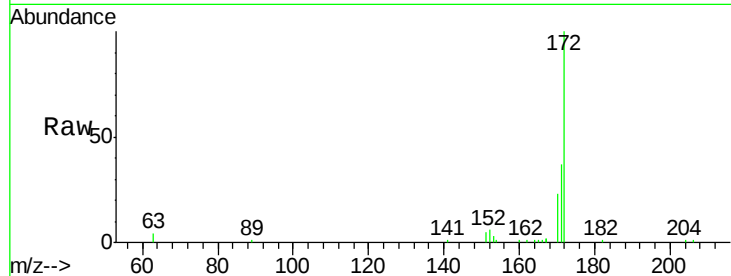




#15
2-Fluorobiphenyl
Concen: 0.476 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095727.D
Acq: 12 Mar 2018 12:02

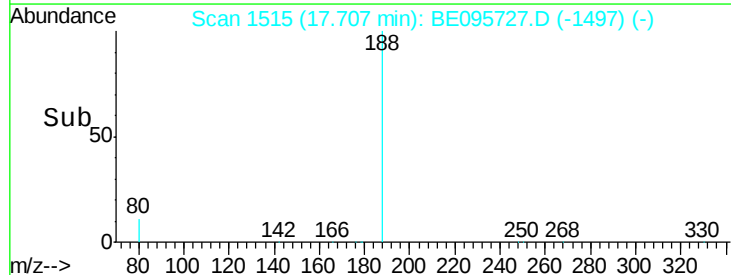
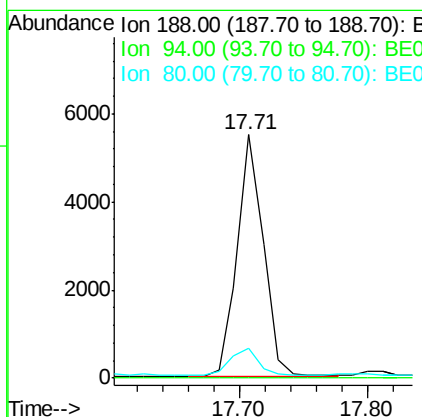
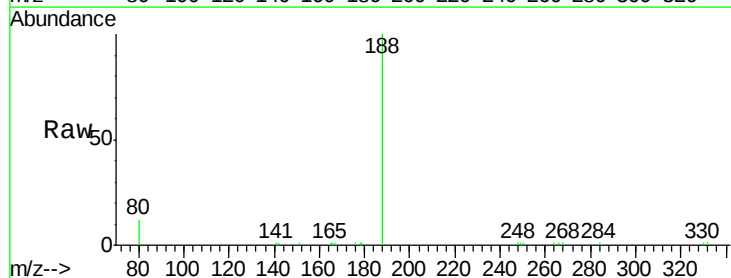
Instrument :
BNA_E
ClientSampleId :
CPS133071

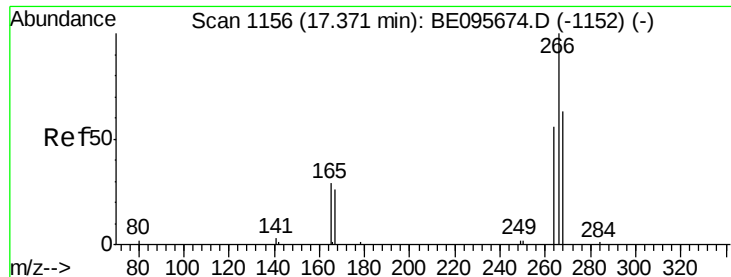
Tot Ion:172 Resp: 7311
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 23.2 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BE095727.D
Acq: 12 Mar 2018 12:02

Tgt Ion:188 Resp: 7730
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 12.1 3.6 5.4#

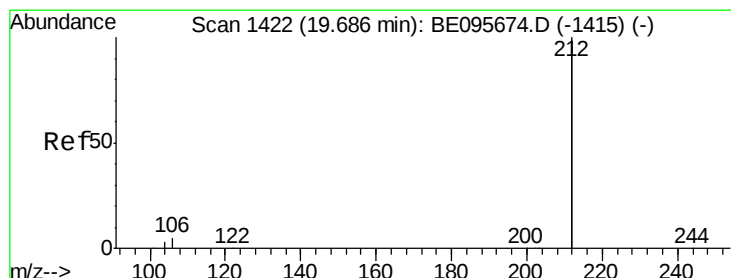
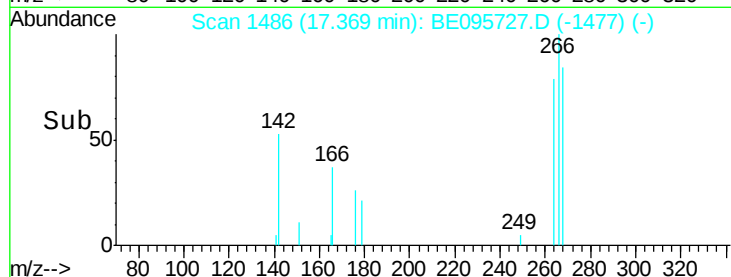
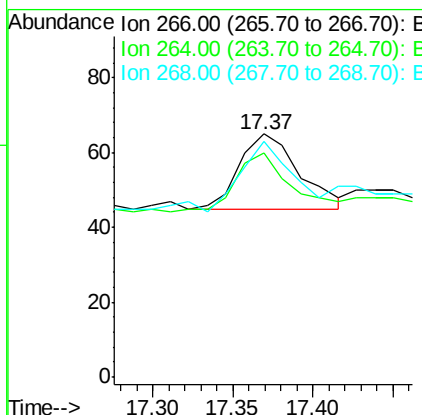
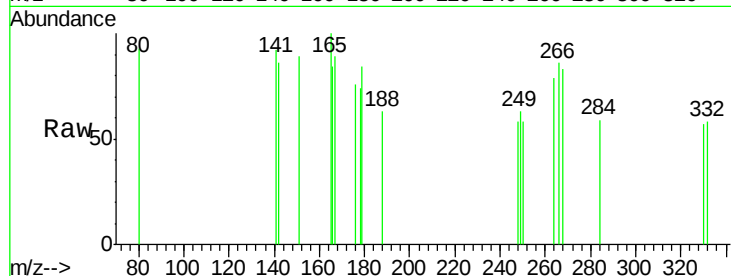




#22
 Pentachlorophenol
 Concen: 0.207 ng
 RT: 17.37 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BE095727.D
 Acq: 12 Mar 2018 12:02

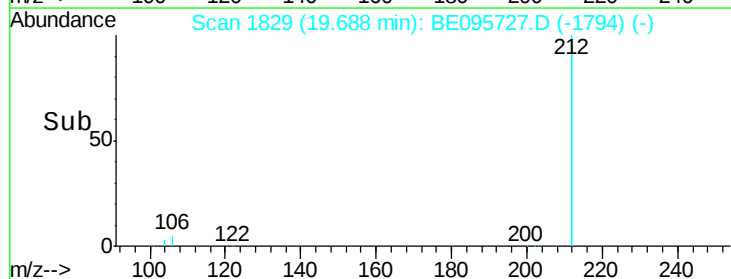
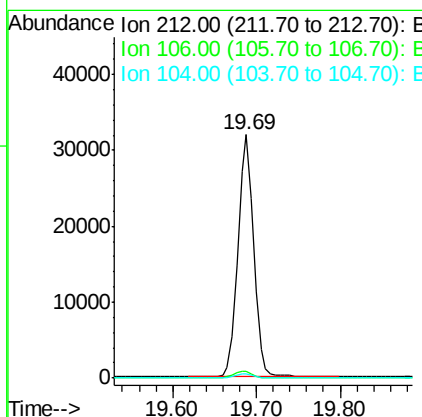
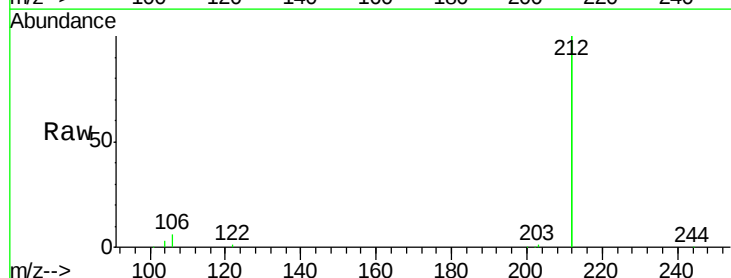
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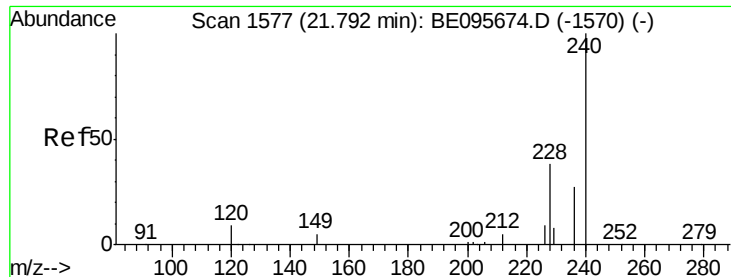
Tot Ion:266 Resp: 52
 Ion Ratio Lower Upper
 266 100
 264 92.3 72.5 108.7
 268 96.9 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.412 ng
 RT: 19.69 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BE095727.D
 Acq: 12 Mar 2018 12:02

Tgt Ion:212 Resp: 41616
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.8 4.2
 104 1.7 1.6 2.4

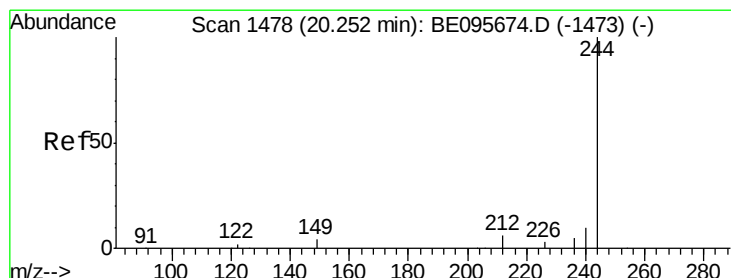
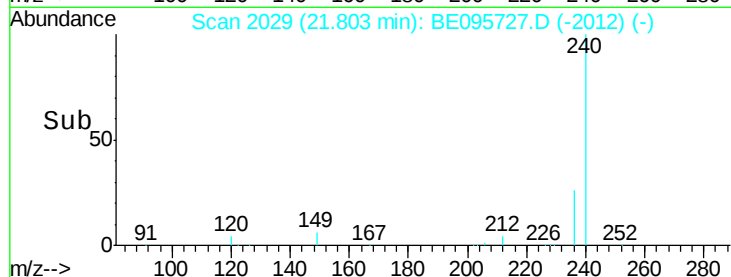
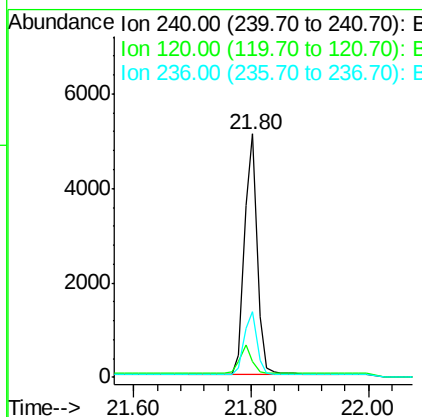
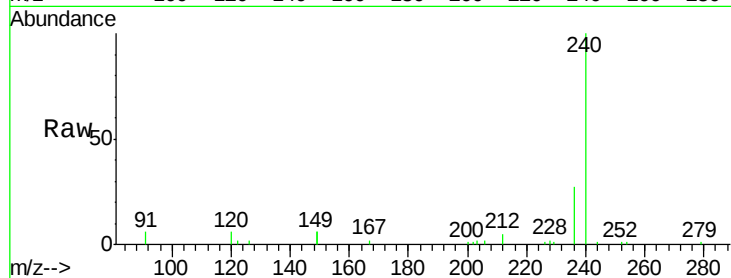




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.80 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BE095727.D
 Acq: 12 Mar 2018 12:02

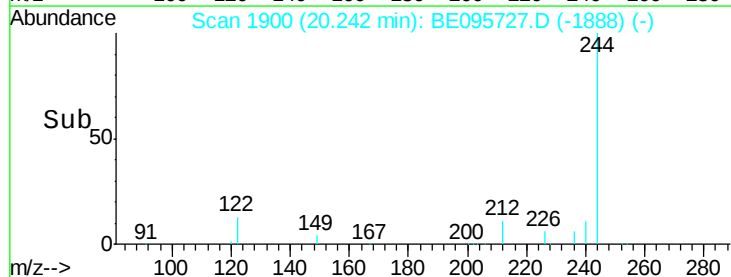
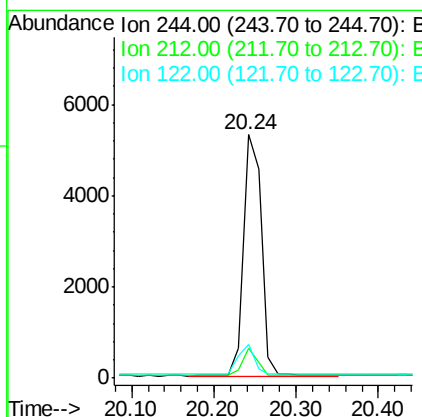
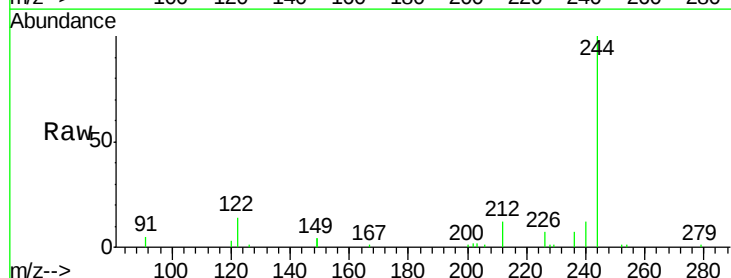
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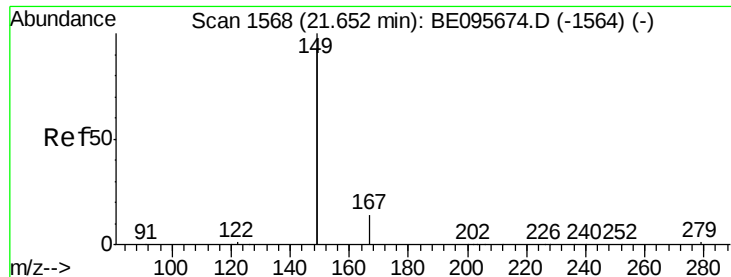
Tot Ion:240 Resp: 7818
 Ion Ratio Lower Upper
 240 100
 120 6.2 5.5 8.3
 236 26.8 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.512 ng
 RT: 20.24 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BE095727.D
 Acq: 12 Mar 2018 12:02

Tgt Ion:244 Resp: 7976
 Ion Ratio Lower Upper
 244 100
 212 12.3 25.4 38.0#
 122 14.1 8.1 12.1#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.093 ng

RT: 21.66 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BE095727.D

Acq: 12 Mar 2018 12:02

Instrument :

BNA_E

ClientSampleId :

CPS133071

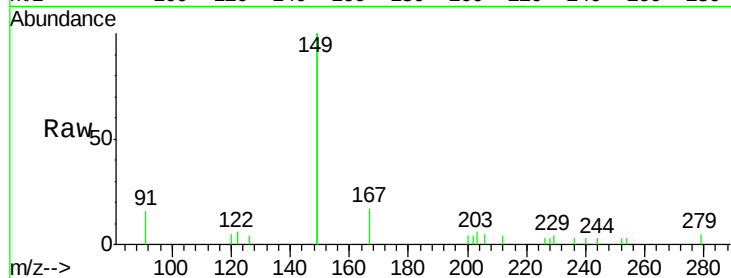
Tot Ion:149 Resp: 4183

Ion Ratio Lower Upper

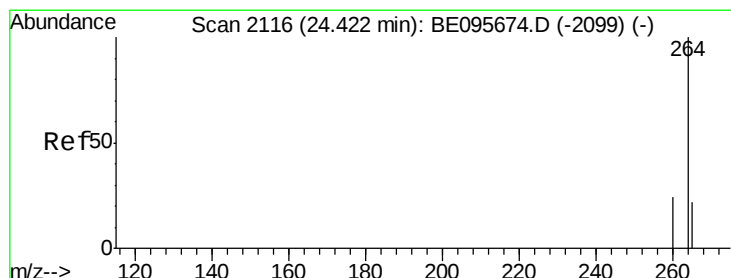
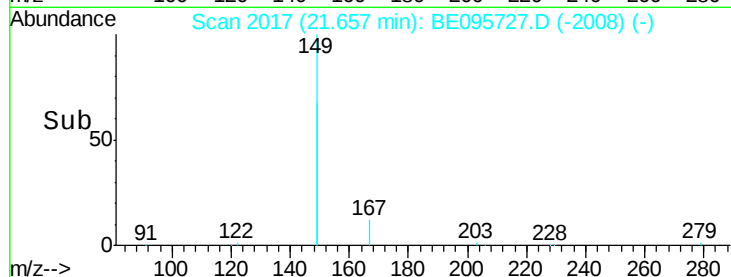
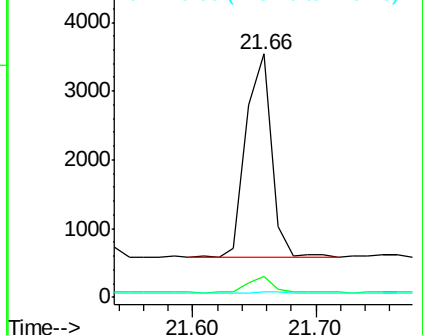
149 100

167 7.5 5.4 8.0

279 1.0 0.7 1.1



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: 24.43 min Scan# 2719

Delta R.T. 0.00 min

Lab File: BE095727.D

Acq: 12 Mar 2018 12:02

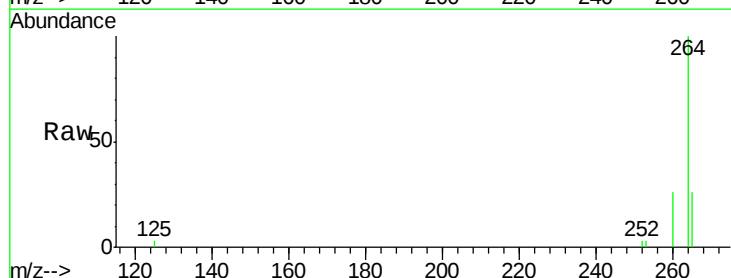
Tgt Ion:264 Resp: 7291

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

265 26.2 22.8 34.2



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

