

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101818\
 Data File : BE097979.D
 Acq On : 18 Oct 2018 16:10
 Operator : SJ/JU
 Sample : J5521-09RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 AOC8-01ARE

Manual Integrations
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Quant Time: Oct 19 01:46:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	3787	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	16197	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	12015	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	19048	0.40	ng	-0.01
27) Chrysene-d12	21.54	240	7600m	0.40	ng	0.05
34) Perylene-d12	24.21	264	19037m	0.40	ng	0.17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	2787	0.23	ng	-0.01
5) Phenol-d6	7.05	99	5797	0.33	ng	-0.01
8) Nitrobenzene-d5	9.03	82	17735	1.16	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	7322	0.27	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	1313	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	9557	0.19	ng	-0.01
25) Fluoranthene-d10	19.34	212	58367m	0.23	ng	0.01
29) Terphenyl-d14	19.95	244	8887m	0.51	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.73	128	133493	0.828	ng	# 98
12) 2-Methylnaphthalene	12.35	142	23697	0.858	ng	# 97
16) Acenaphthylene	14.28	152	4321	0.078	ng	# 1
17) Acenaphthene	14.62	154	3605	0.106	ng	# 19
18) Fluorene	15.59	166	12883	0.276	ng	# 88
23) Phenanthrene	17.34	178	33134	0.685	ng	# 83
26) Fluoranthene	19.37	202	14468	0.228	ng	# 59
28) Pyrene	19.74	202	29111m	1.328	ng	

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

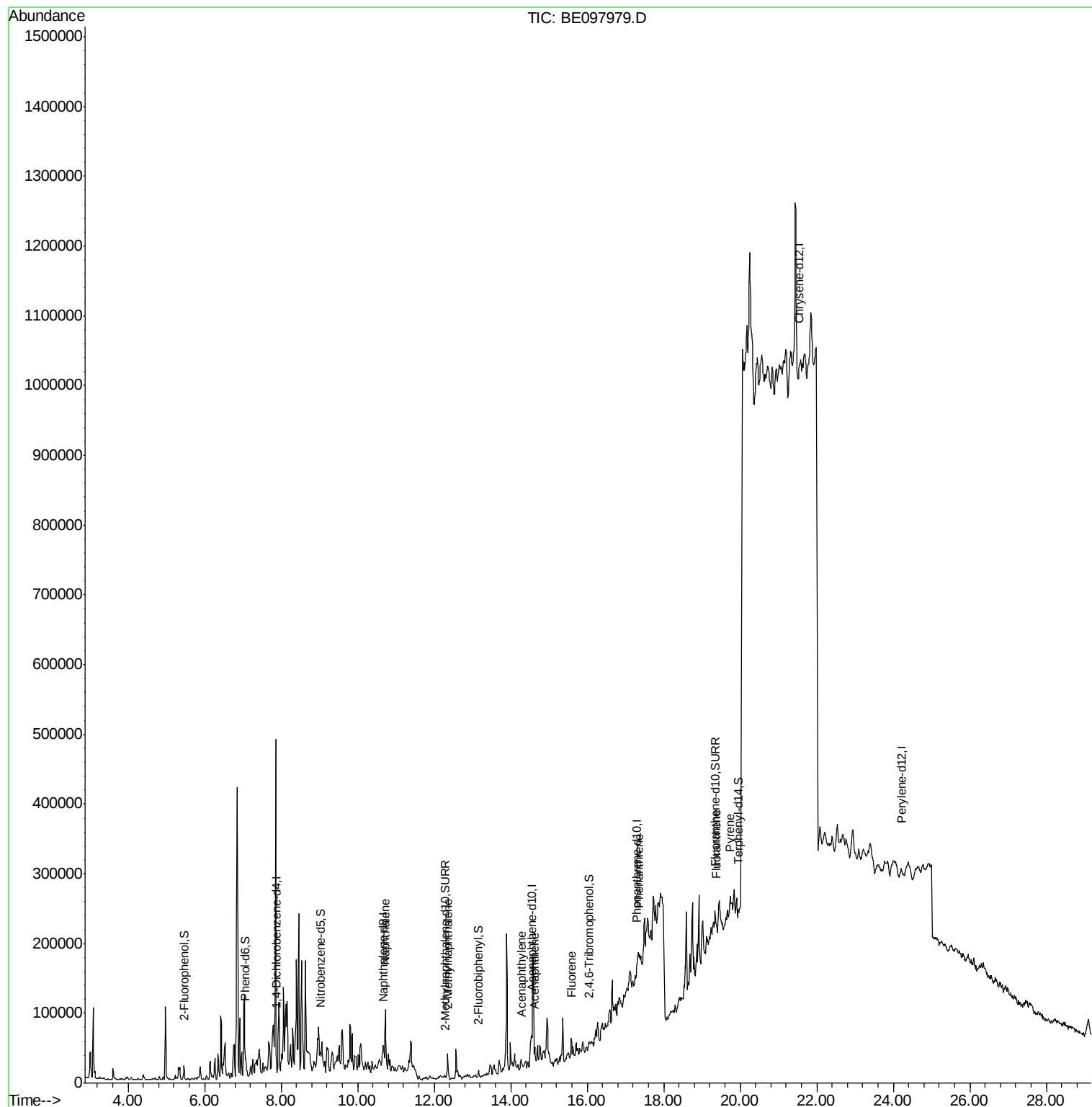
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101818\
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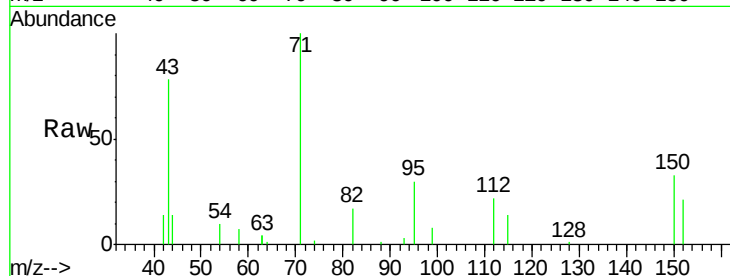




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

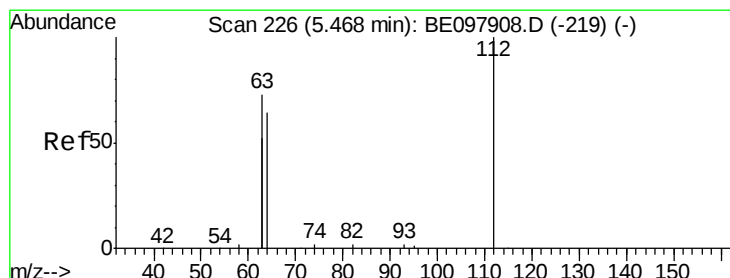
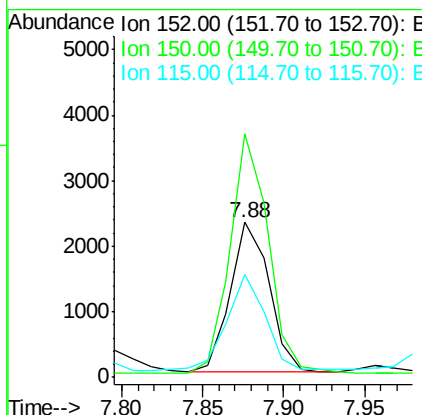
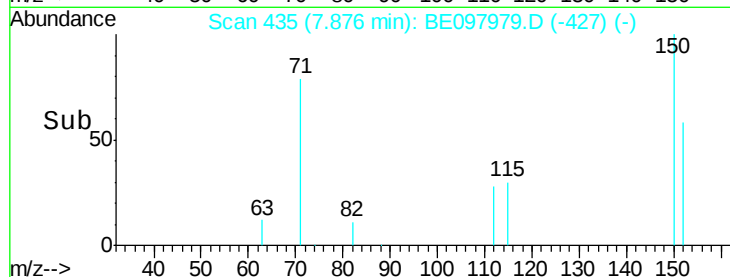
Instrument :
BNA_E
ClientSampleId :
AOC8-01ARE



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	118.2	177.4
115	66.2	50.9	76.3

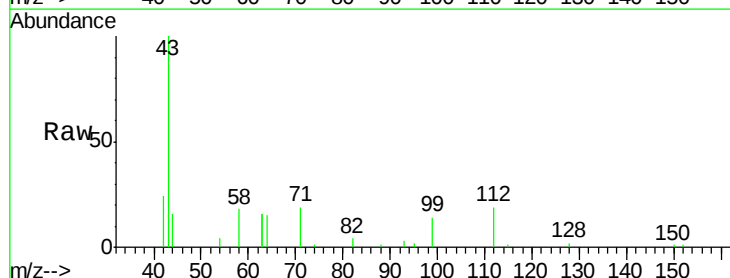
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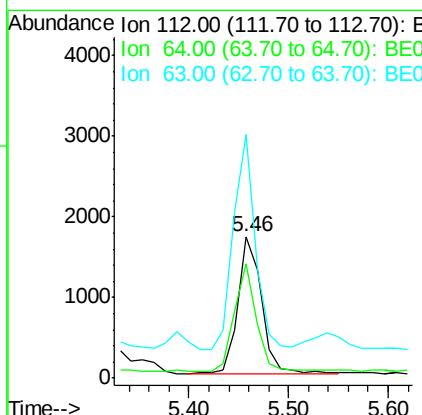
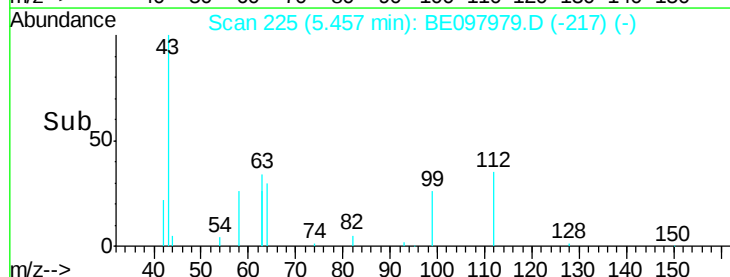


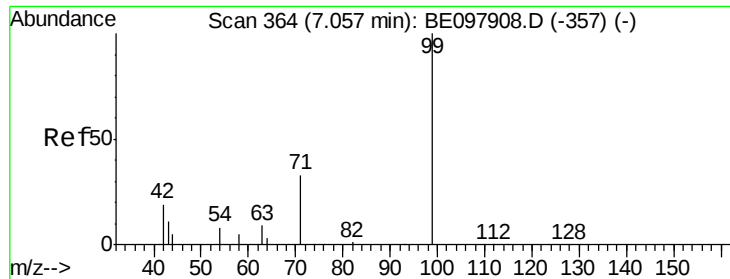
#4

2-Fluorophenol
Concen: 0.233 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10



Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.5	58.9	88.3
63	146.3	120.3	180.5





#5

Phenol-d6

Concen: 0.328 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097979.D

Acq: 18 Oct 2018 16:10

Instrument :

BNA_E

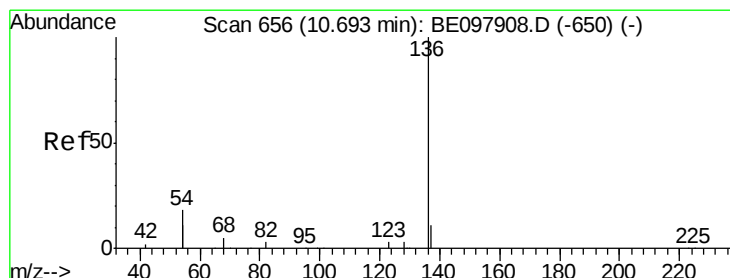
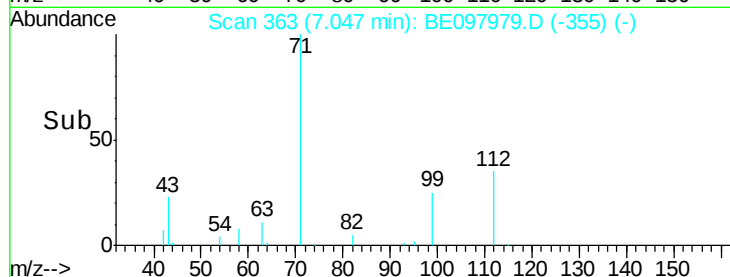
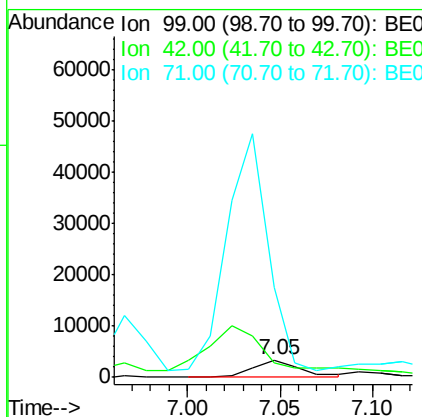
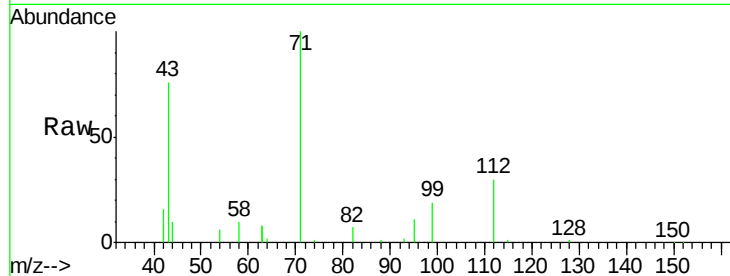
ClientSampleId :

AOC8-01ARE

Tgt Ion:	99	Resp:	5797
Ion Ratio	Lower	Upper	
99	100		
42	0.0	19.9	29.9#
71	0.0	27.8	41.8#

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#7

Naphthalene-d8

Concen: 0.400 ng

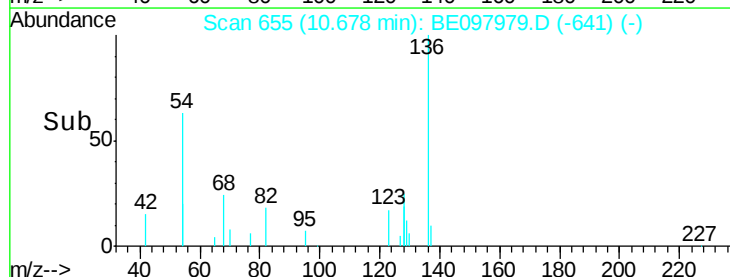
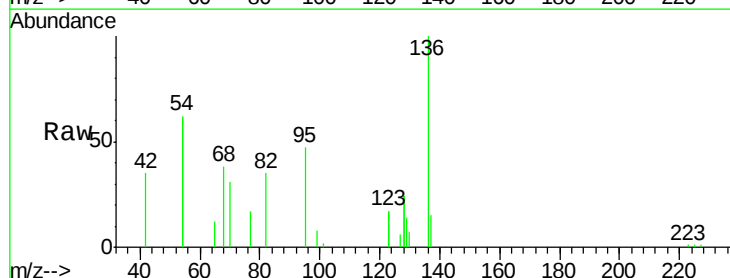
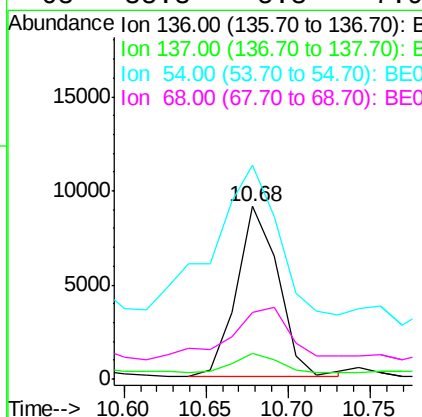
RT: 10.68 min Scan# 655

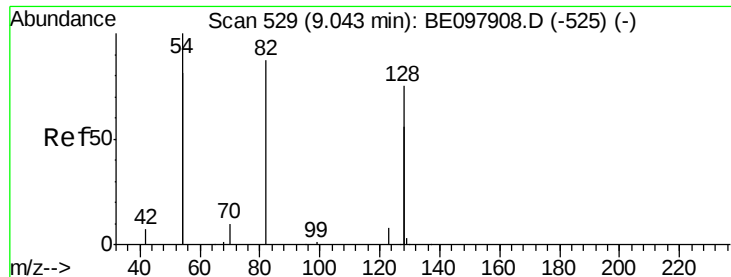
Delta R.T. -0.01 min

Lab File: BE097979.D

Acq: 18 Oct 2018 16:10

Tgt Ion:	136	Resp:	16197
Ion Ratio	Lower	Upper	
136	100		
137	15.0	9.6	14.4#
54	124.0	27.7	41.5#
68	38.3	5.3	7.9#





#8

Nitrobenzene-d5

Concen: 1.156 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097979.D

Acq: 18 Oct 2018 16:10

Instrument :

BNA_E

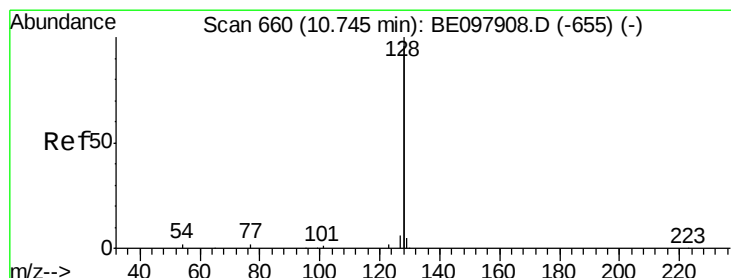
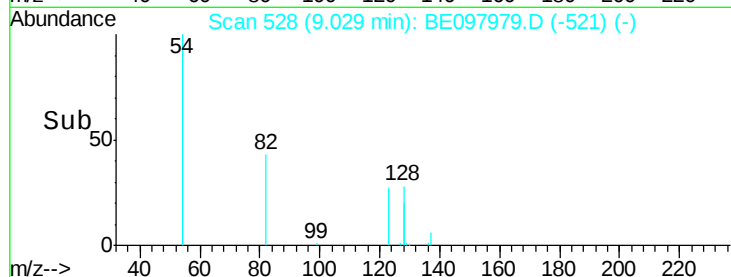
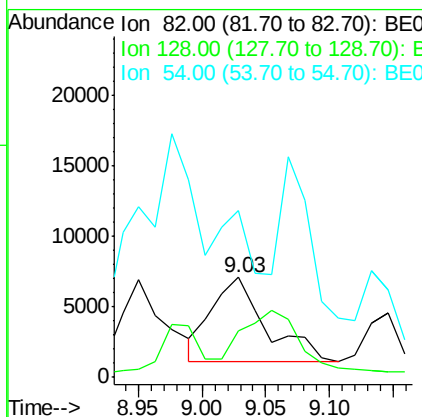
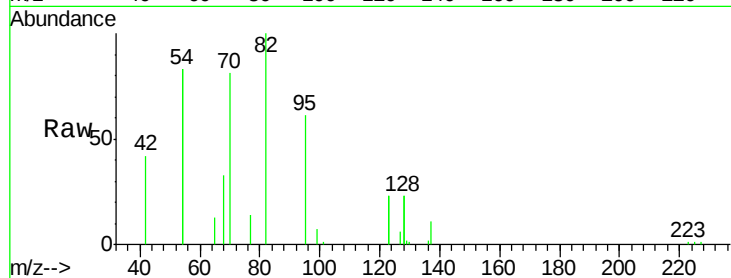
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	129.9	194.9#
54	166.7	174.0	261.0#

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#9

Naphthalene

Concen: 0.828 ng

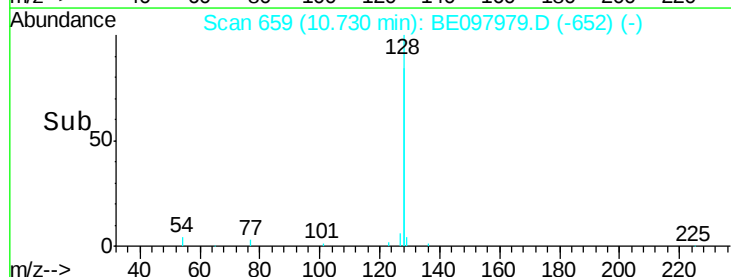
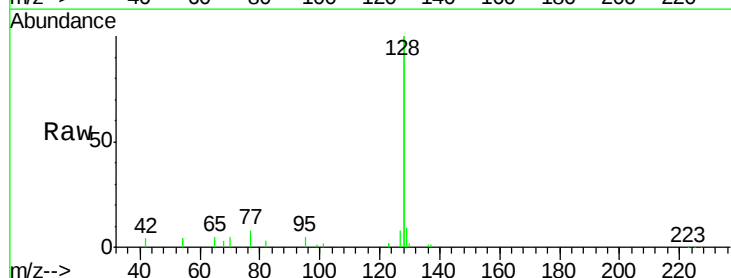
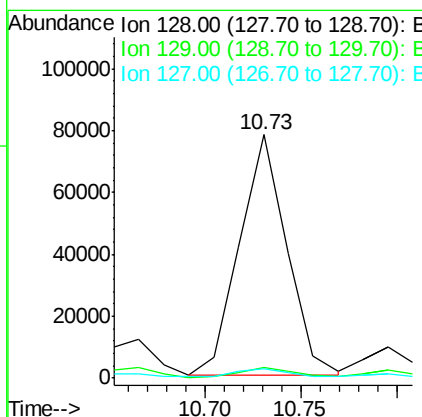
RT: 10.73 min Scan# 659

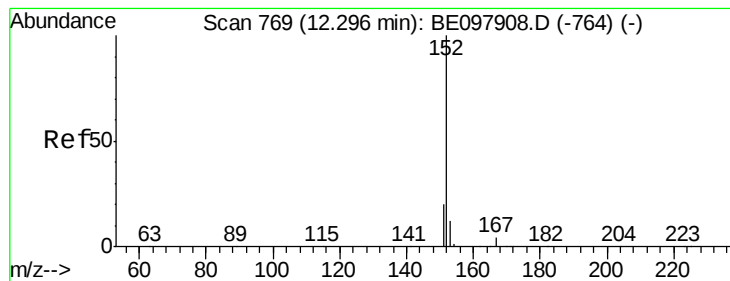
Delta R.T. -0.01 min

Lab File: BE097979.D

Acq: 18 Oct 2018 16:10

Tgt Ion	Ratio	Lower	Upper
128	100		
129	4.4	2.5	3.7#
127	3.9	2.8	4.2





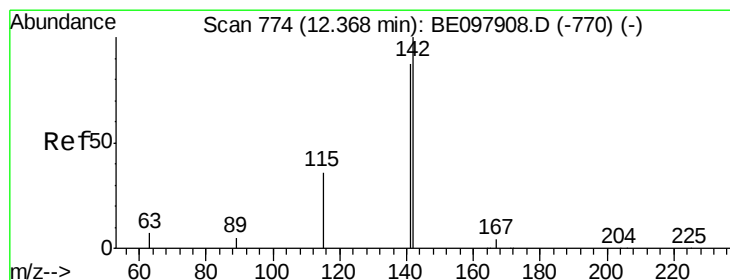
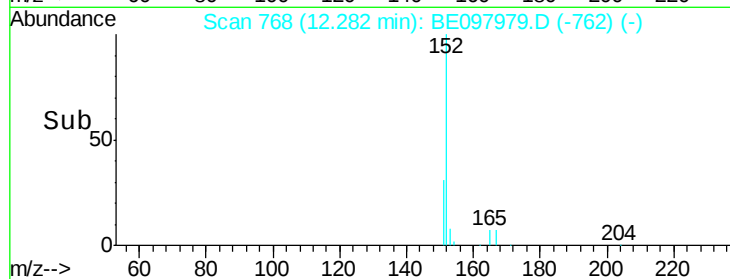
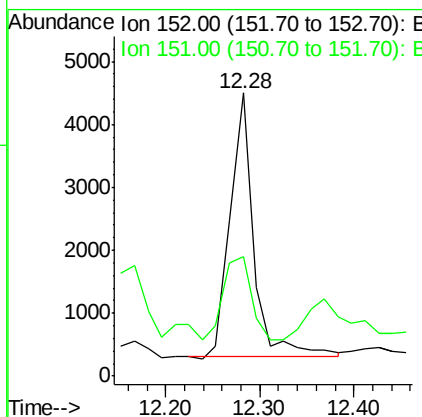
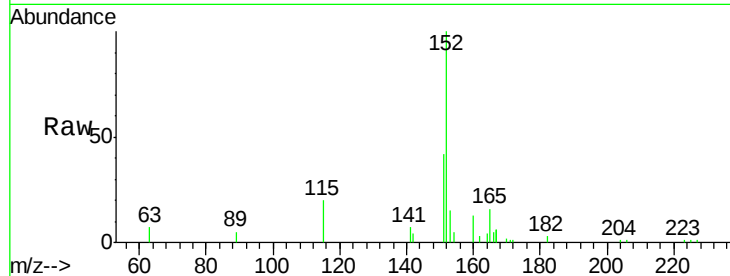
#11
 2-Methylnaphthalene-d10
 Concen: 0.272 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE097979.D
 Acq: 18 Oct 2018 16:10

Instrument :
 BNA_E
 ClientSampleId :
 AOC8-01ARE

Tgt Ion:152 Resp: 7322
 Ion Ratio Lower Upper
 152 100
 151 37.1 16.2 24.4#

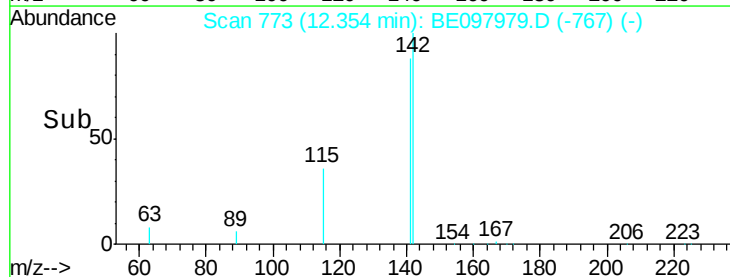
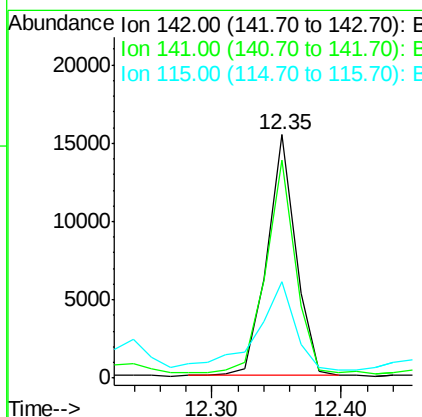
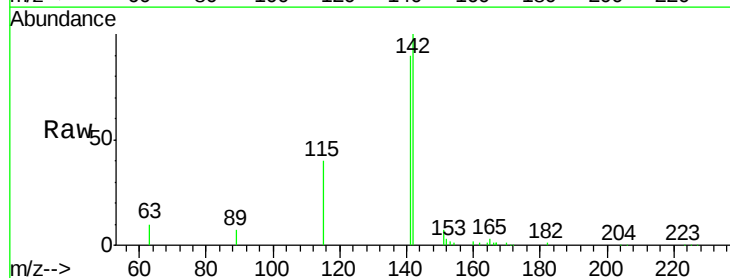
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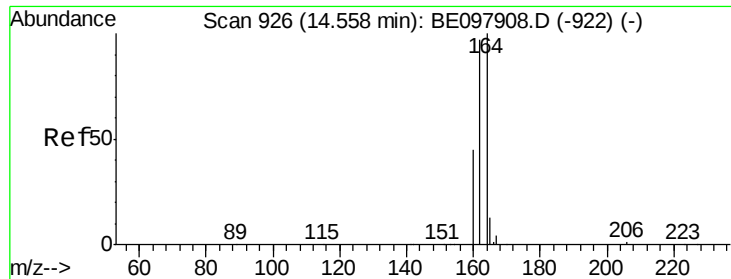
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#12
 2-Methylnaphthalene
 Concen: 0.858 ng
 RT: 12.35 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BE097979.D
 Acq: 18 Oct 2018 16:10

Tgt Ion:142 Resp: 23697
 Ion Ratio Lower Upper
 142 100
 141 89.7 69.8 104.6
 115 39.7 30.5 45.7





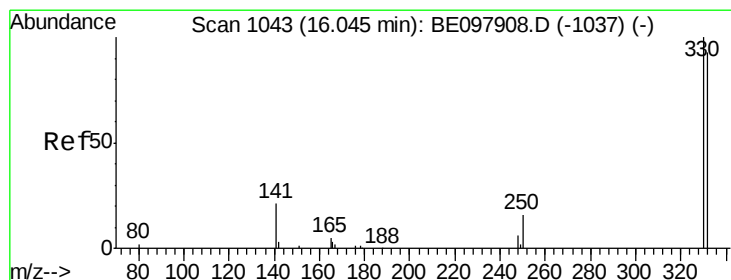
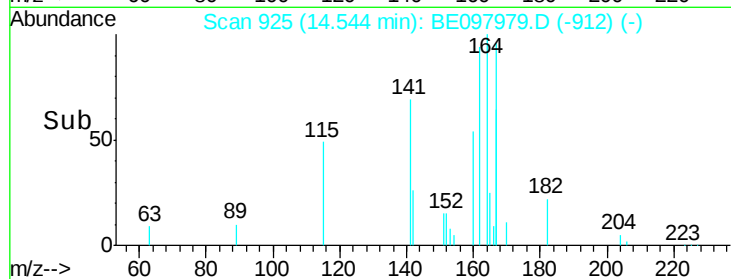
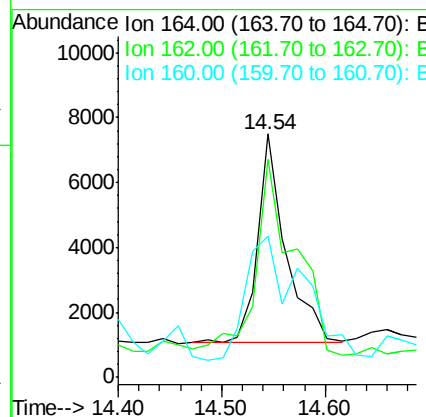
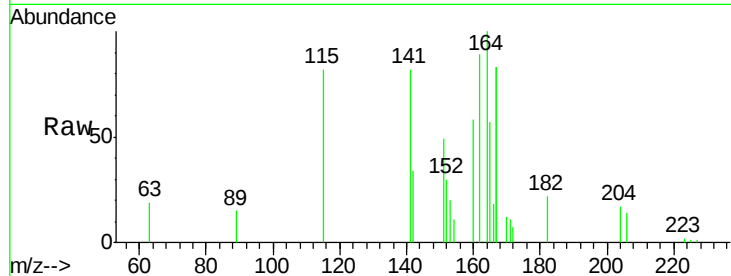
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BE097979.D
 Acq: 18 Oct 2018 16:10

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	89.3	77.4	116.2
160	58.0	36.5	54.7#

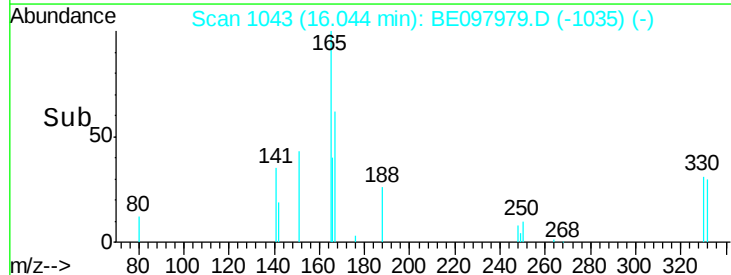
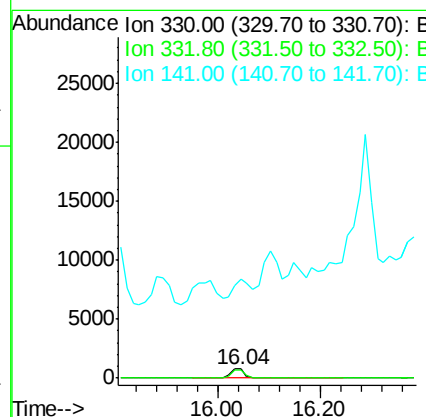
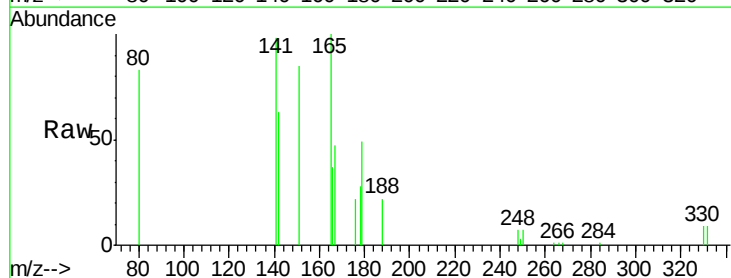
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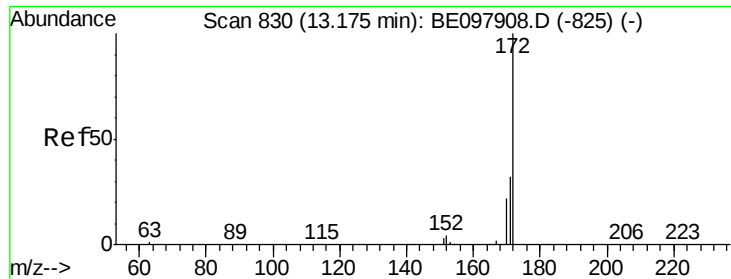
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#14
 2,4,6-Tribromophenol
 Concen: 0.203 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097979.D
 Acq: 18 Oct 2018 16:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.5	114.7
141	249.0	31.8	47.6#





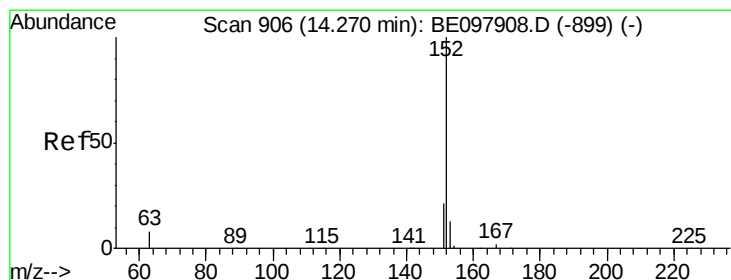
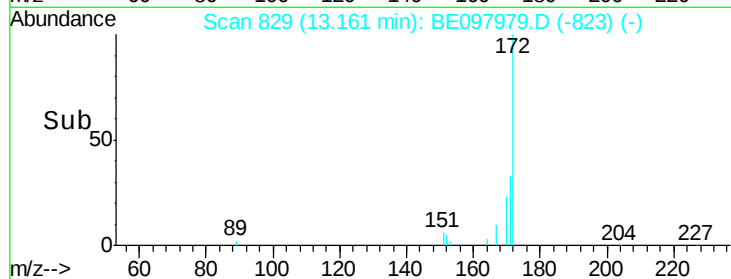
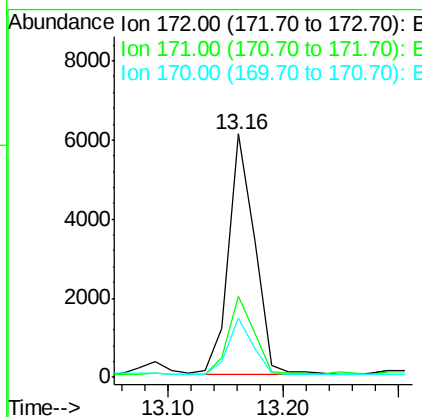
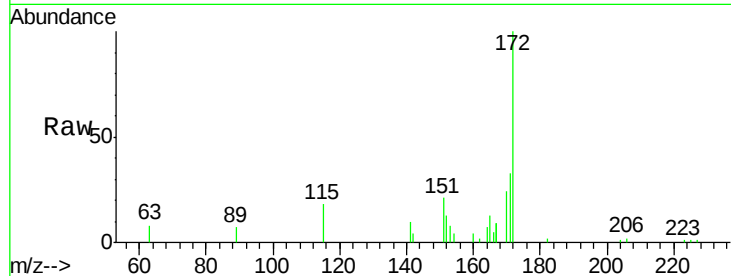
#15
2-Fluorobiphenyl
Concen: 0.195 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.2	26.0	39.0
170	24.1	18.0	27.0

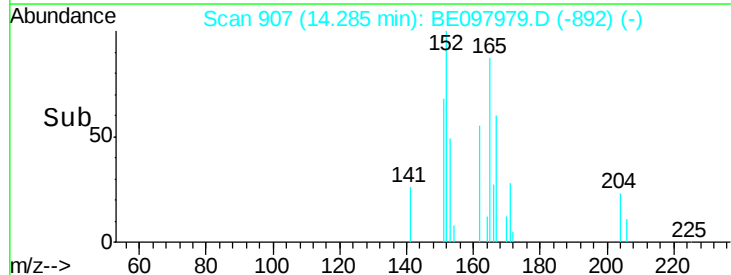
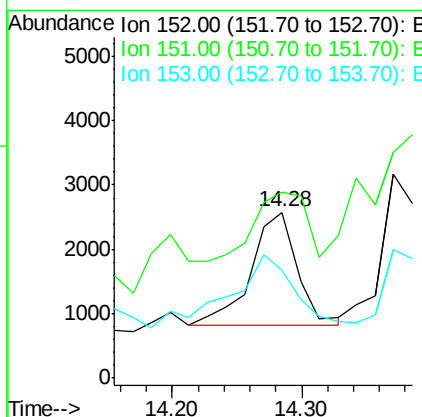
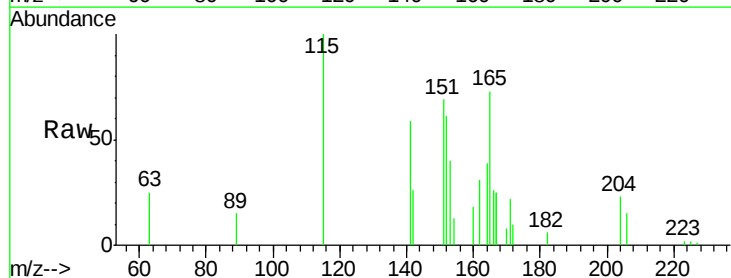
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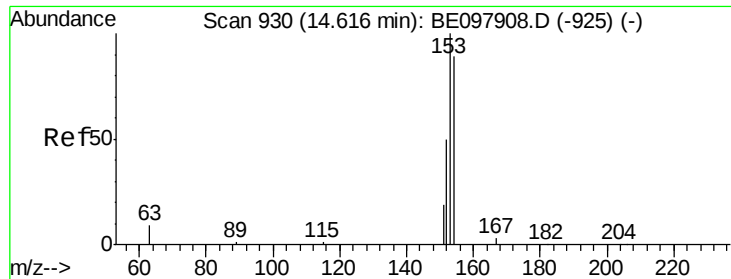
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#16
Acenaphthylene
Concen: 0.078 ng
RT: 14.28 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	78.5	16.1	24.1#
153	92.8	10.9	16.3#





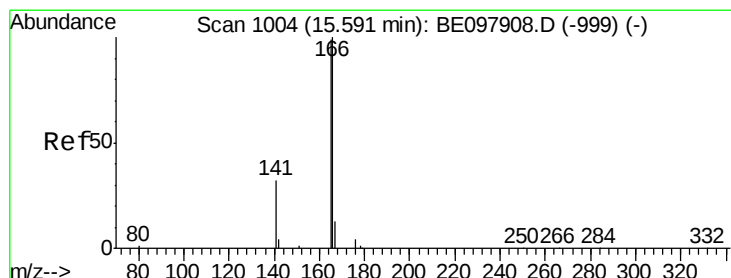
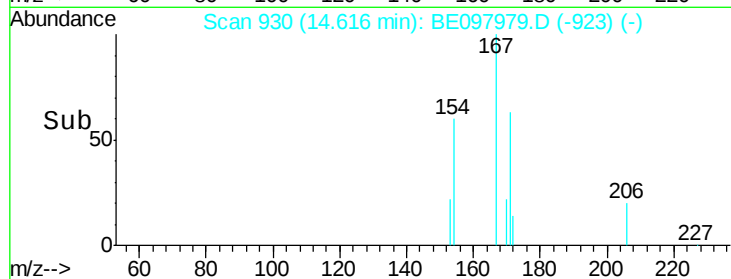
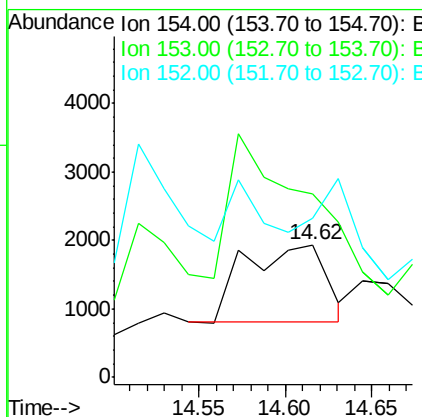
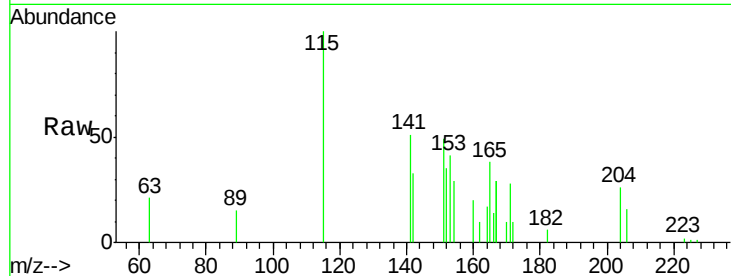
#17
Acenaphthene
Concen: 0.106 ng
RT: 14.62 min Scan# 930
Delta R.T. 0.00 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Instrument :
BNA_E
ClientSampleId :
AOC8-01ARE

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	92.6	139.0#
152	34.3	45.5	68.3#

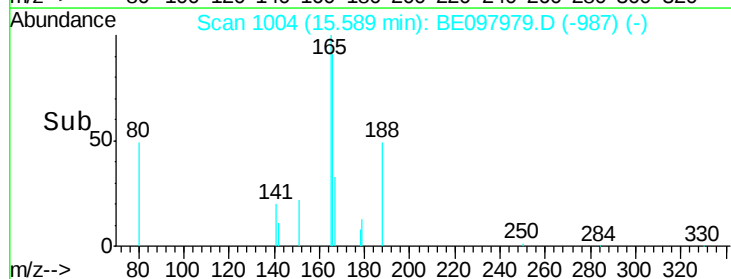
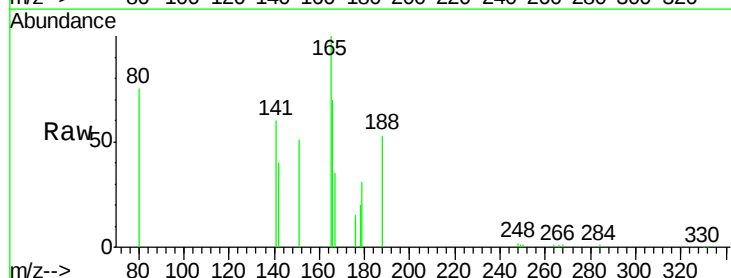
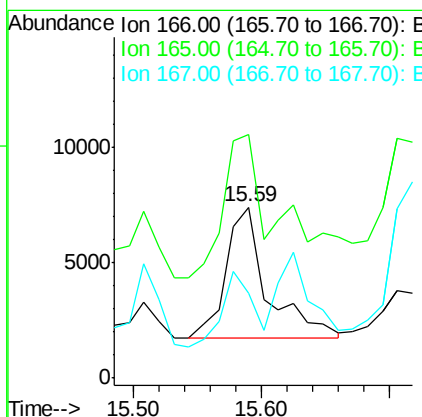
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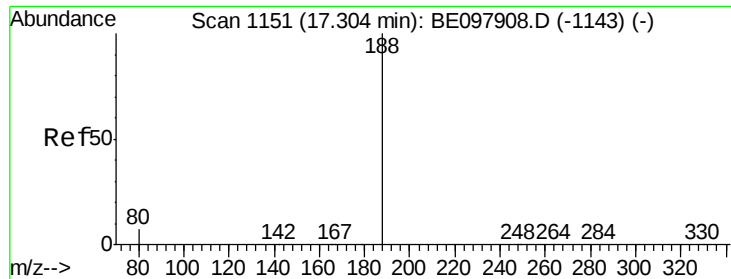
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#18
Fluorene
Concen: 0.276 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.0	78.2	117.4
167	42.0	11.0	16.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097979.D

Acq: 18 Oct 2018 16:10

Instrument :

BNA_E

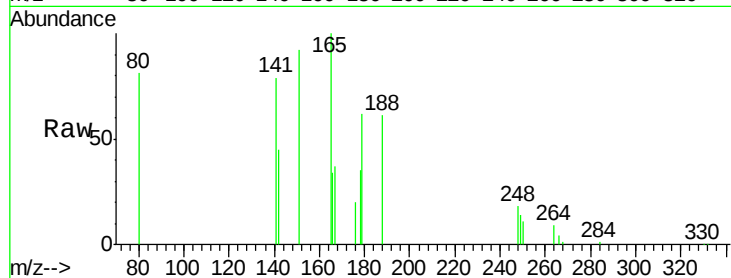
ClientSampleId :

AOC8-01ARE

Tgt Ion:	188	Resp:	19048
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	134.2	6.3	9.5#

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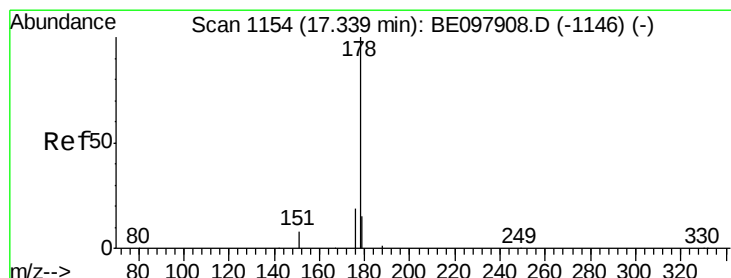
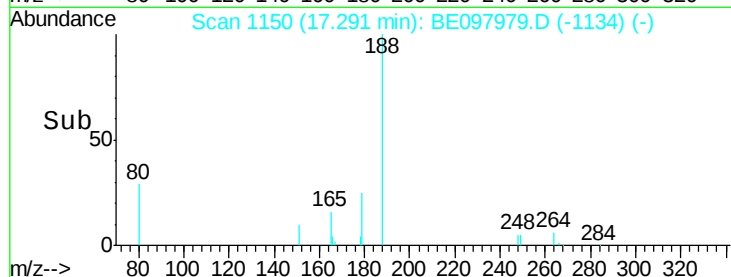
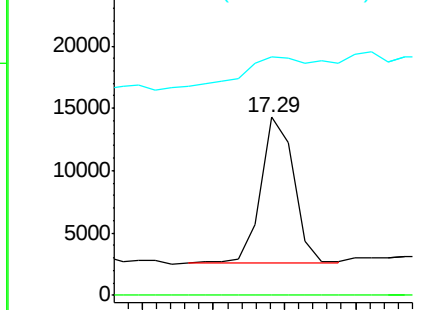
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#23

Phenanthrene

Concen: 0.685 ng

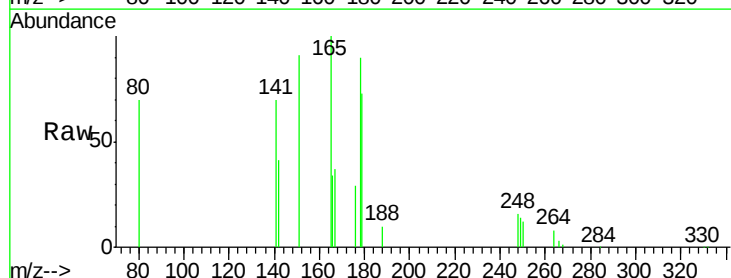
RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097979.D

Acq: 18 Oct 2018 16:10

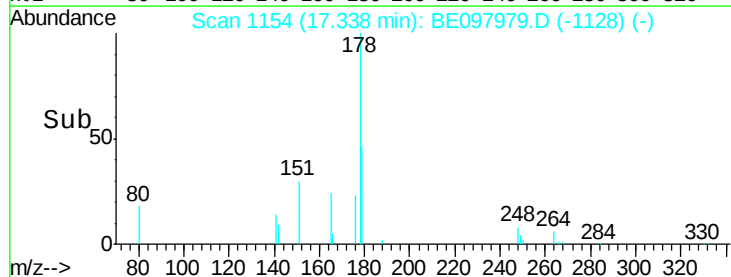
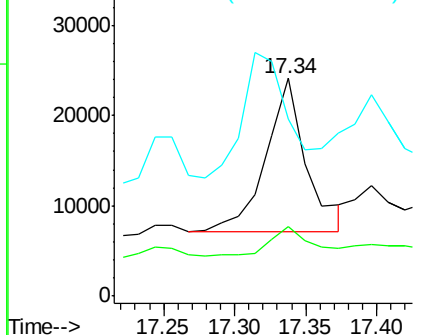
Tgt Ion:	178	Resp:	33134
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.5	23.3
179	0.0	12.2	18.4#

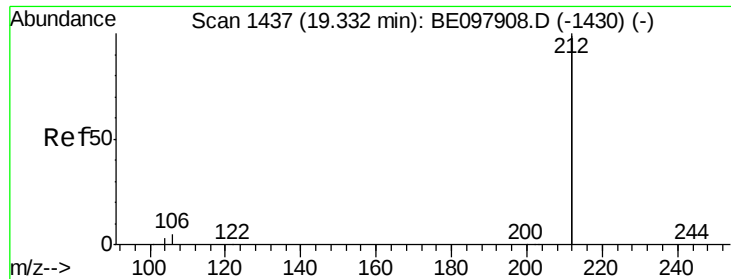


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.226 ng m

RT: 19.34 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BE097979.D

Acq: 18 Oct 2018 16:10

Instrument :

BNA_E

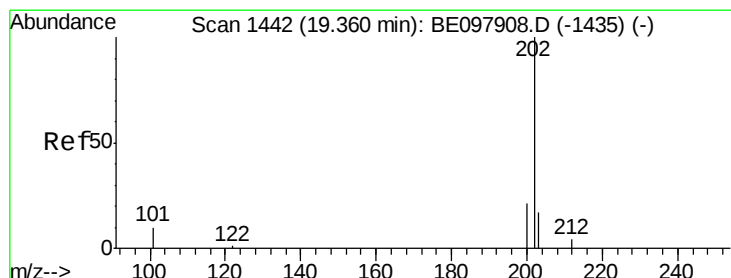
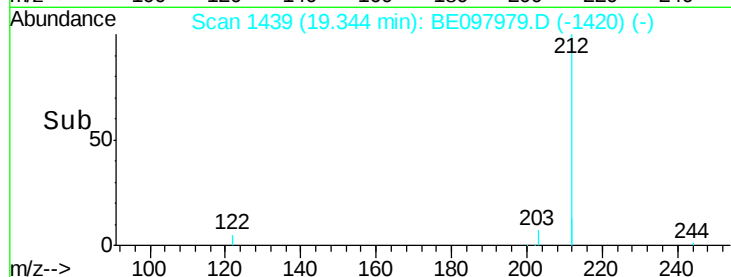
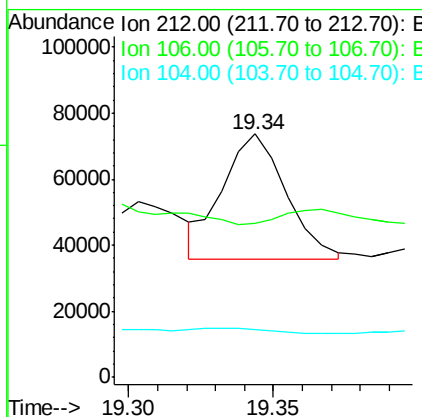
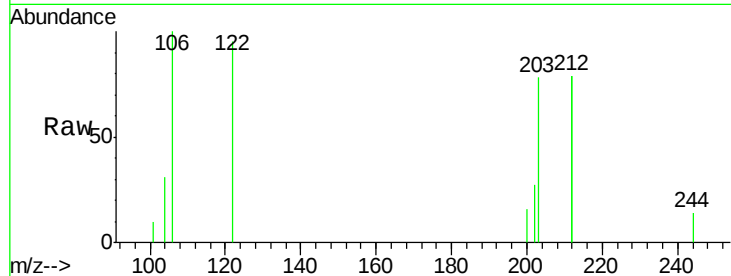
ClientSampleId :

AOC8-01ARE

Tgt Ion:	212	Resp:	58367
Ion Ratio	Lower	Upper	
212	100		
106	39.4	2.3	3.5#
104	4.0	1.3	1.9#

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#26

Fluoranthene

Concen: 0.228 ng

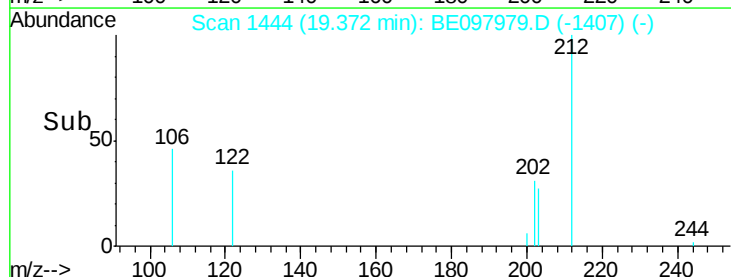
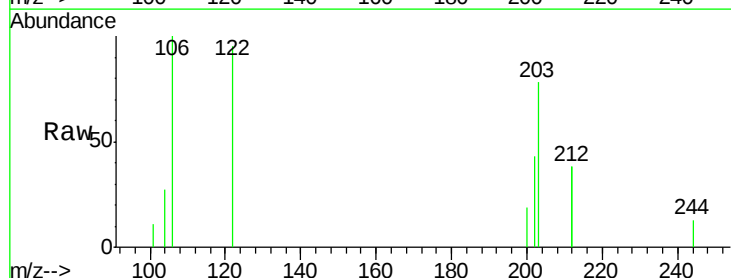
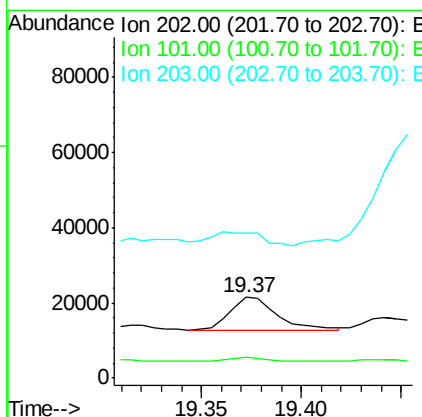
RT: 19.37 min Scan# 1444

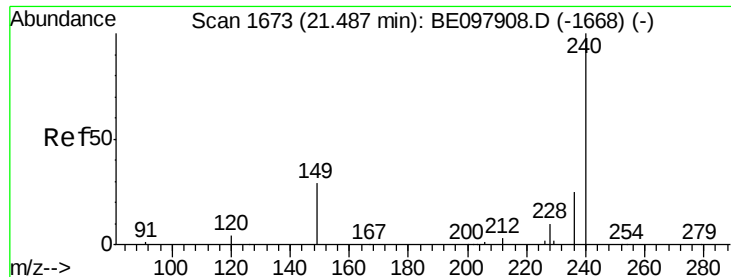
Delta R.T. 0.01 min

Lab File: BE097979.D

Acq: 18 Oct 2018 16:10

Tgt Ion:	202	Resp:	14468
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.2	12.2
203	46.2	15.0	22.4#





#27

Chrysene-d12

Concen: 0.400 ng m

RT: 21.54 min Scan# 1677

Delta R.T. 0.05 min

Lab File: BE097979.D

Acq: 18 Oct 2018 16:10

Instrument :

BNA_E

ClientSampleId :

AOC8-01ARE

Tgt Ion: 240 Resp: 7600

Ion Ratio Lower Upper

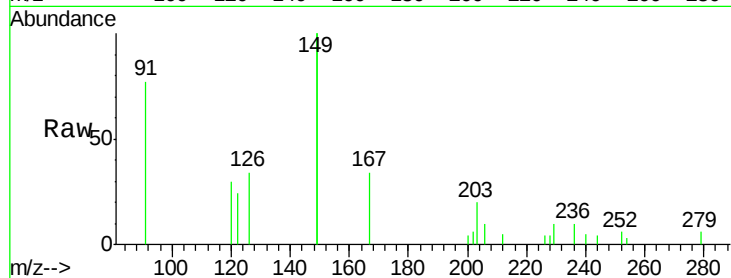
240 100

120 647.7 7.1 10.7#

236 212.2 21.3 31.9#

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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

80000

60000

40000

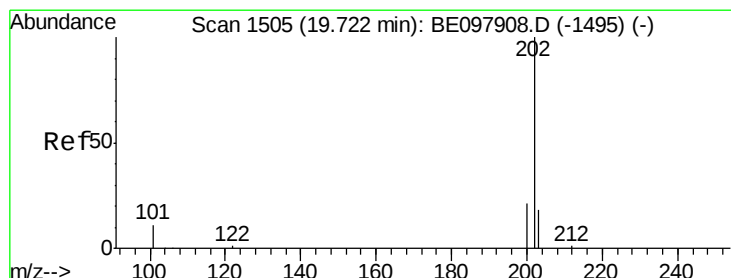
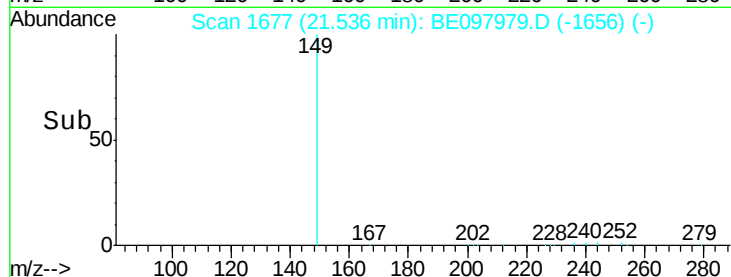
20000

0

21.50 21.55 21.60

21.54

Time-->



#28

Pyrene

Concen: 1.328 ng m

RT: 19.74 min Scan# 1508

Delta R.T. 0.02 min

Lab File: BE097979.D

Acq: 18 Oct 2018 16:10

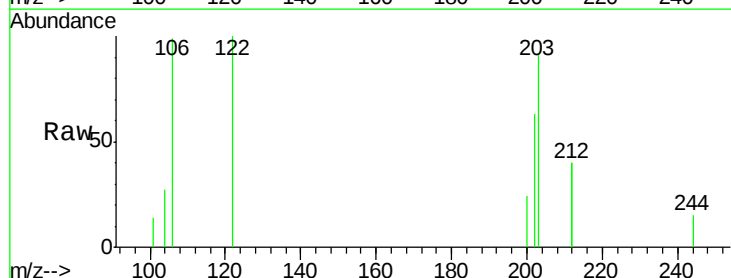
Tgt Ion: 202 Resp: 29111

Ion Ratio Lower Upper

202 100

200 15.7 17.0 25.4#

203 0.0 14.2 21.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

60000

40000

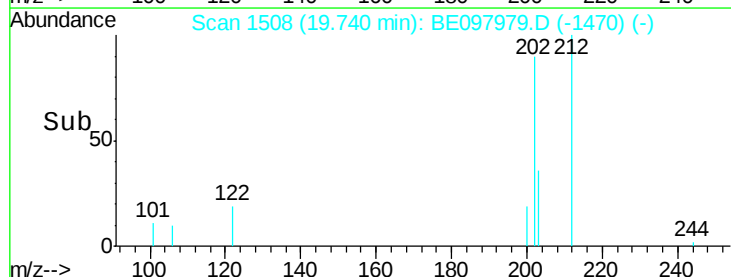
20000

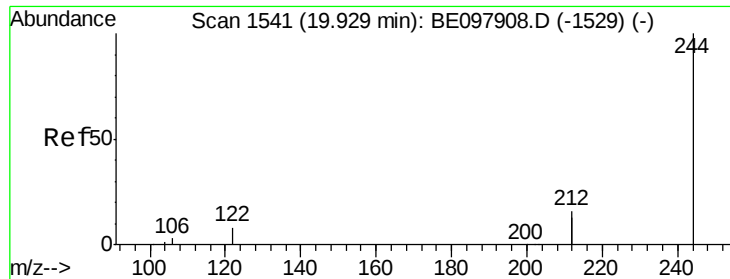
0

19.70 19.75

19.74

Time-->





#29

Terphenyl-d14

Concen: 0.510 ng m

RT: 19.95 min Scan# 1544

Delta R.T. 0.02 min

Lab File: BE097979.D

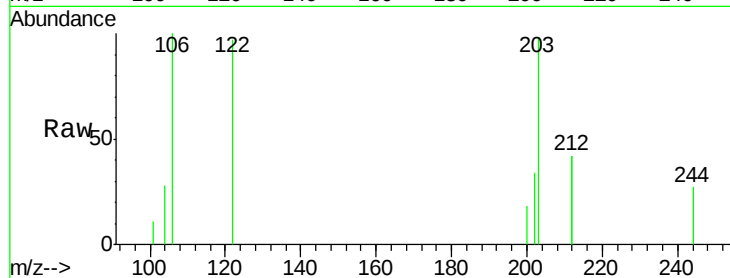
Acq: 18 Oct 2018 16:10

Instrument :

BNA_E

ClientSampleId :

AOC8-01ARE



Tgt Ion:244 Resp: 8887

Ion Ratio Lower Upper

244 100

212 156.4 26.2 39.2#

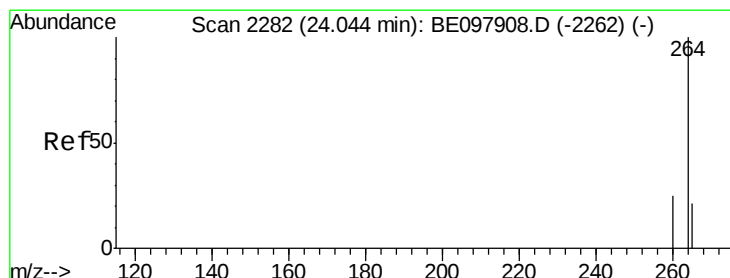
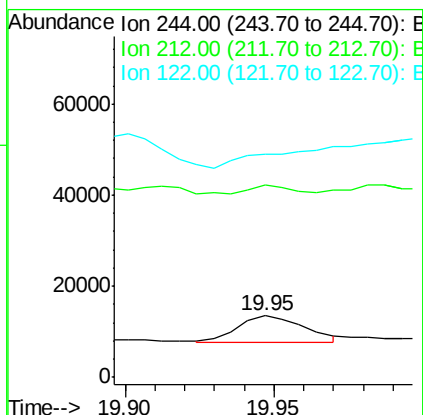
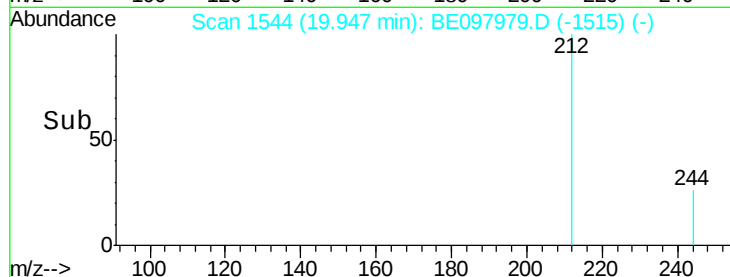
122 362.8 7.7 11.5#

Manual Integrations

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#34

Perylene-d12

Concen: 0.400 ng m

RT: 24.21 min Scan# 2329

Delta R.T. 0.17 min

Lab File: BE097979.D

Acq: 18 Oct 2018 16:10

Tgt Ion:264 Resp: 19037

Ion Ratio Lower Upper

264 100

260 93.7 21.1 31.7#

265 92.8 29.2 43.8#

