

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110718\
 Data File : BE098171.D
 Acq On : 7 Nov 2018 13:23
 Operator : SJ/JU
 Sample : J5820-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C19013081

Manual Integrations
 APPROVED

Sohil
 11/9/2018 1:37:52 PM

Quant Time: Nov 09 09:37:49 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110118.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 01 13:00:52 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1010	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4798	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4661	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	7894	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8885	0.40	ng	0.00
34) Perylene-d12	24.01	264	8596	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	522	0.17	ng	0.00
5) Phenol-d6	7.04	99	520	0.11	ng	0.00
8) Nitrobenzene-d5	9.02	82	2074	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.27	152	3294	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	887	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	6757	0.35	ng	-0.01
25) Fluoranthene-d10	19.31	212	41313	0.41	ng	0.00
29) Terphenyl-d14	19.91	244	12422	0.60	ng	0.00
Target Compounds						
9) Naphthalene	10.72	128	18338	0.382	ng	# 76
12) 2-Methylnaphthalene	12.34	142	2262	0.264	ng	# 75
16) Acenaphthylene	14.25	152	11464m	0.539	ng	
17) Acenaphthene	14.60	154	17377m	1.361	ng	
18) Fluorene	15.58	166	49824	2.941	ng	# 92
23) Phenanthrene	17.32	178	58709	3.002	ng	# 96
24) Anthracene	17.41	178	5640	0.303	ng	# 83
28) Pyrene	19.70	202	982	0.040	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.37	149	28401	0.345	ng	100

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

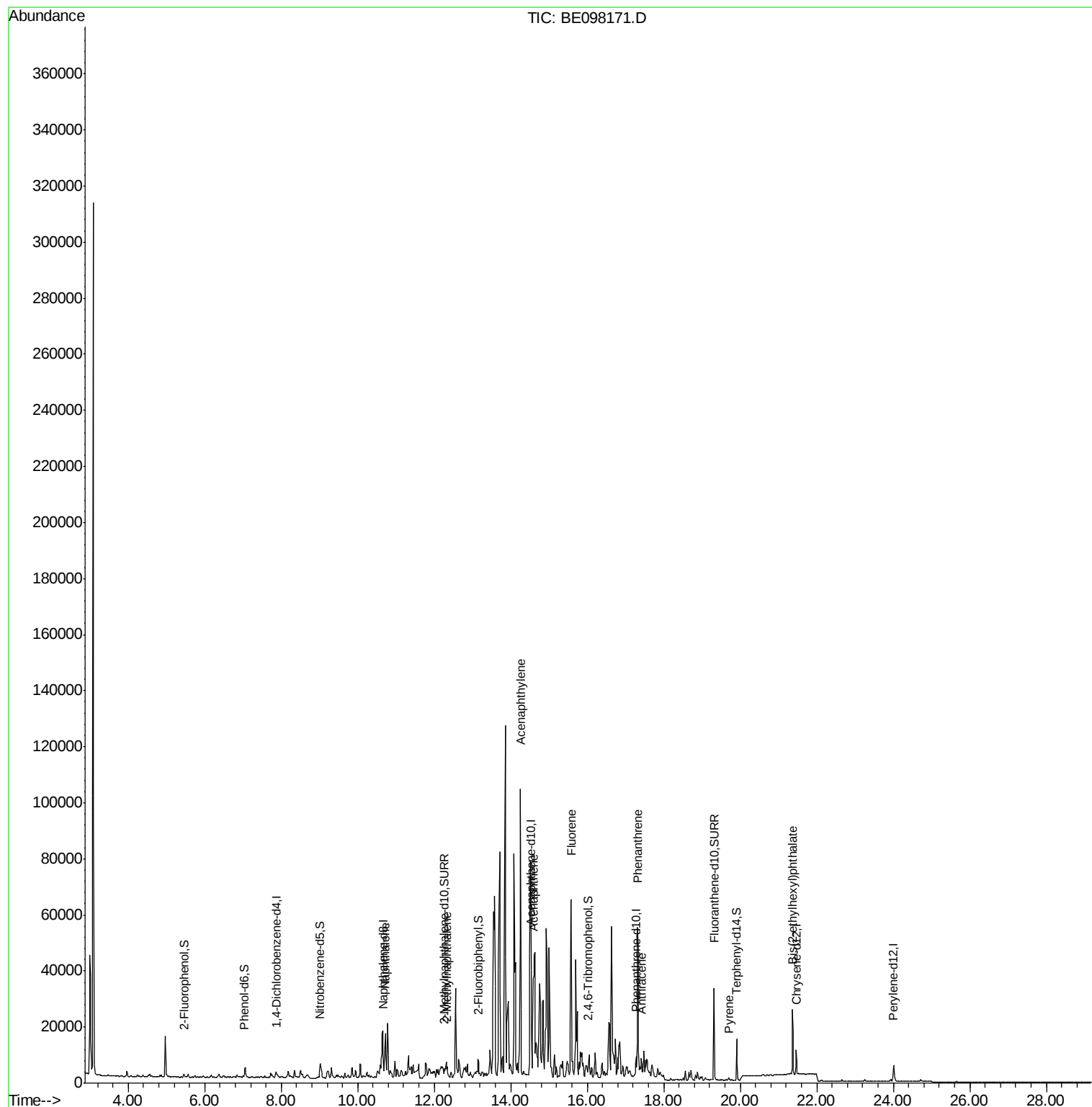
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110718\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 13:00:52 2018
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#1

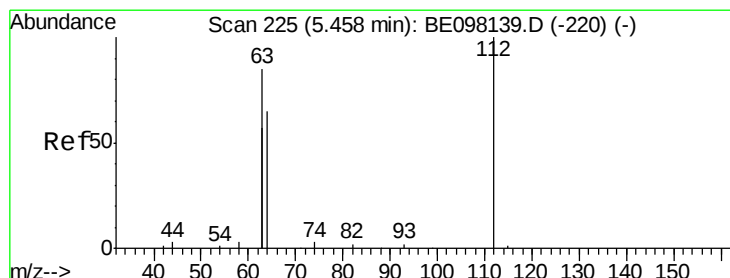
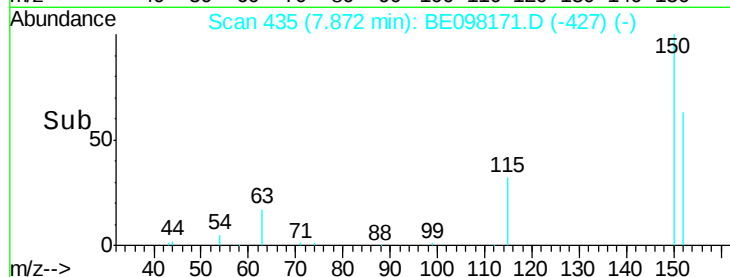
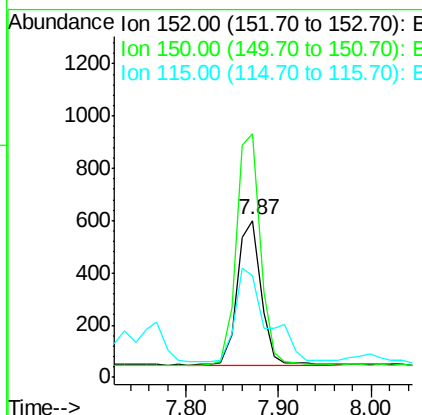
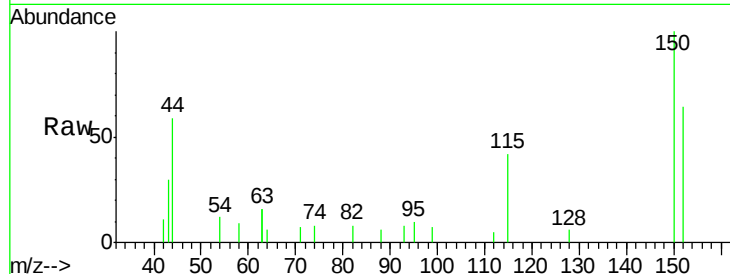
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098171.D
Acq: 7 Nov 2018 13:23

Instrument :
BNA_E
ClientSampleId :
C19013081

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	118.2	177.4
115	65.1	50.9	76.3

Manual Integrations
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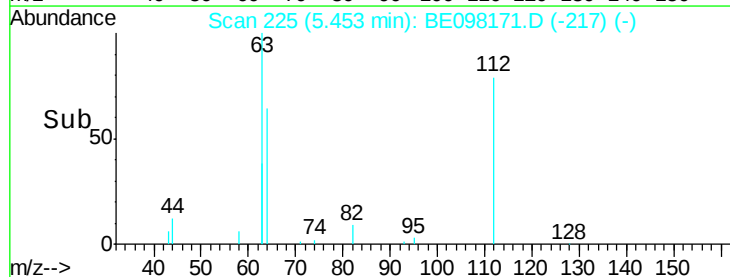
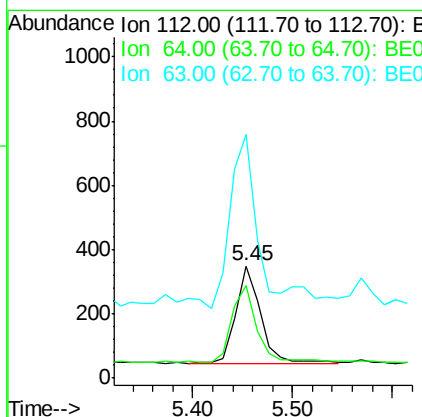
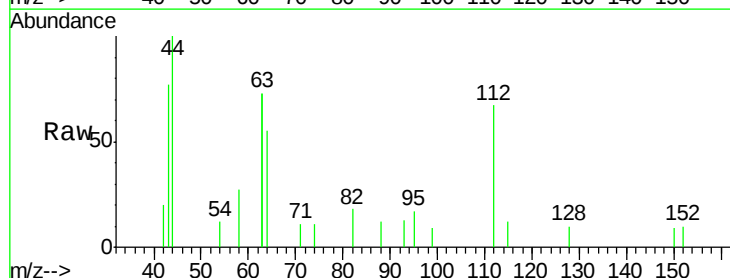
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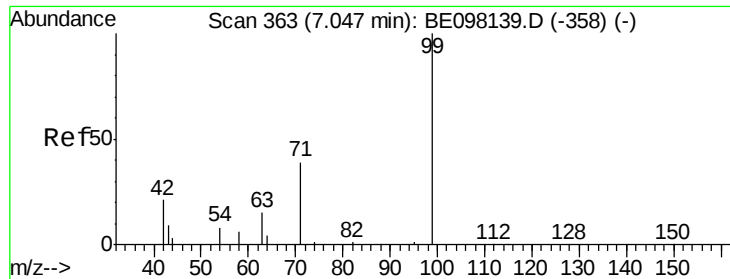


#4

2-Fluorophenol
Concen: 0.174 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098171.D
Acq: 7 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	82.6	58.9	88.3
63	158.0	120.3	180.5





#5

Phenol-d6

Concen: 0.105 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098171.D

Acq: 7 Nov 2018 13:23

Instrument :

BNA_E

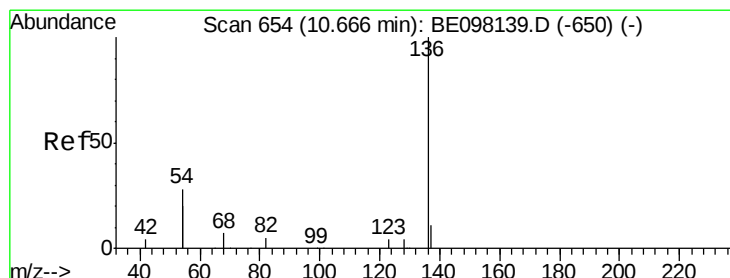
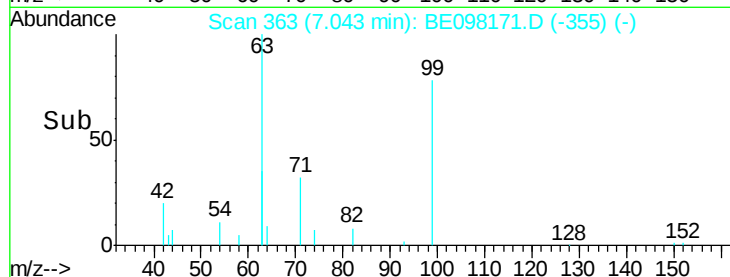
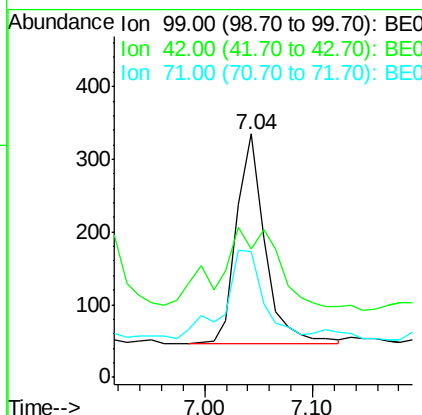
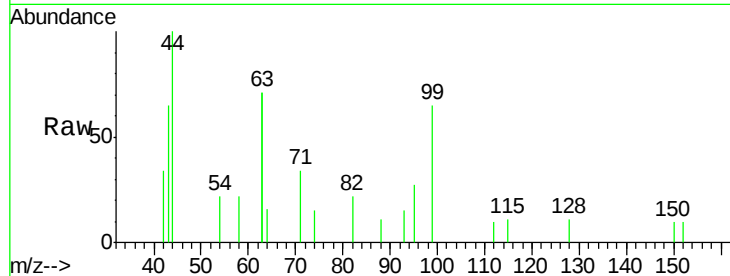
ClientSampleId :

C19013081

Tgt Ion:	99	Resp:	520
Ion	Ratio	Lower	Upper
99	100		
42	87.3	19.9	29.9#
71	57.7	27.8	41.8#

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#7

Naphthalene-d8

Concen: 0.400 ng

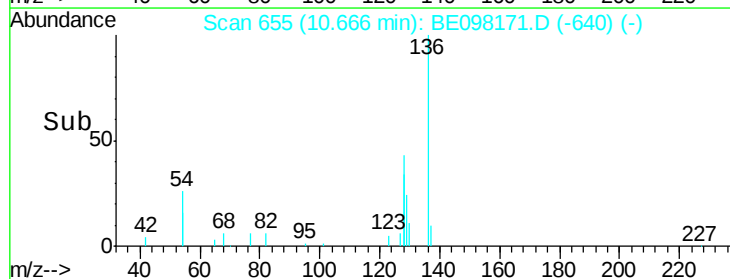
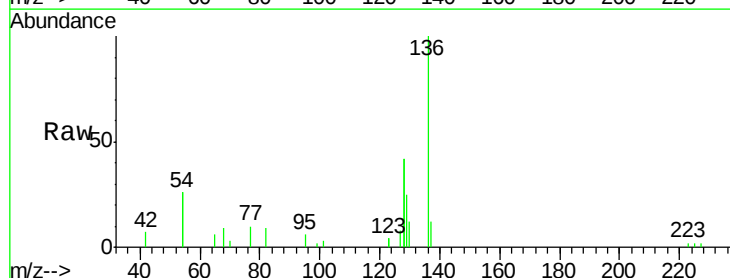
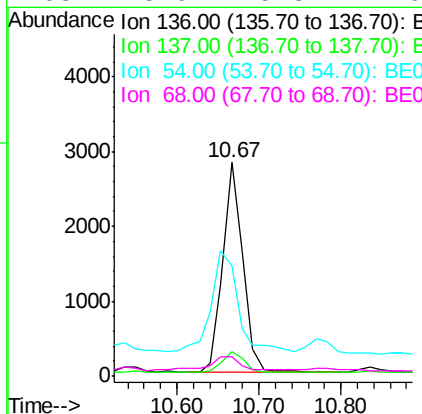
RT: 10.67 min Scan# 655

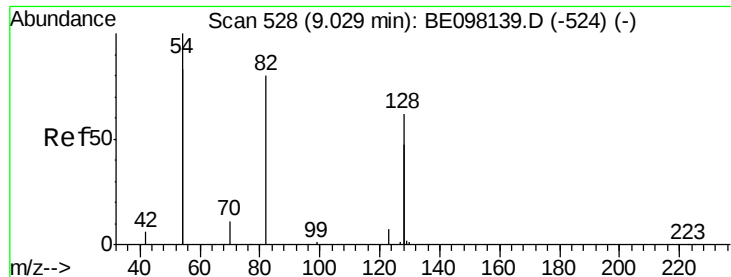
Delta R.T. 0.00 min

Lab File: BE098171.D

Acq: 7 Nov 2018 13:23

Tgt Ion:	136	Resp:	4798
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	51.5	27.7	41.5#
68	8.9	5.3	7.9#





#8

Nitrobenzene-d5

Concen: 0.403 ng

RT: 9.02 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE098171.D

Acq: 7 Nov 2018 13:23

Instrument :

BNA_E

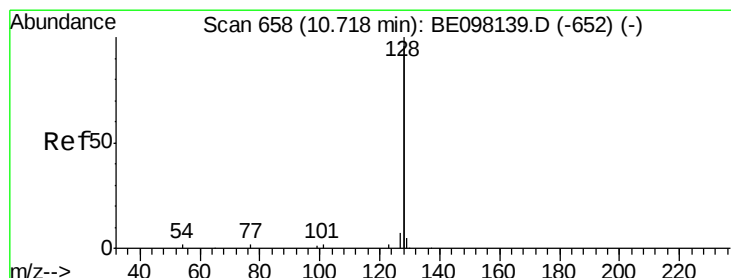
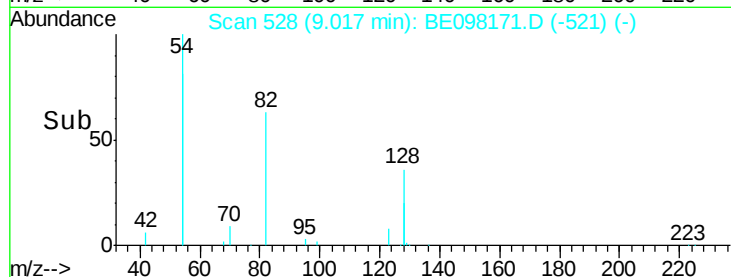
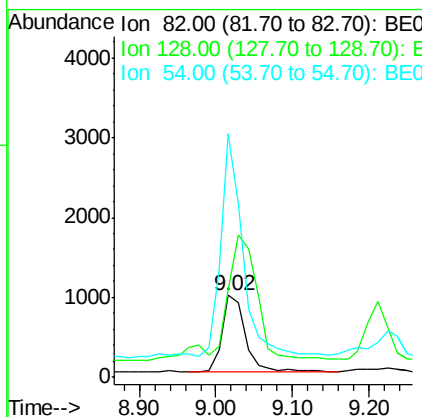
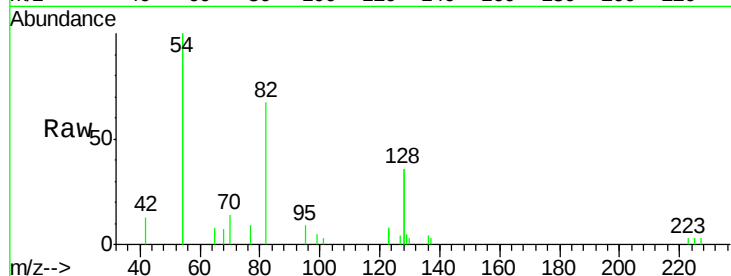
ClientSampleId :

C19013081

Tgt Ion:	82	Resp:	2074
Ion Ratio	Lower	Upper	
82	100		
128	107.1	129.9	194.9#
54	297.4	174.0	261.0#

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#9

Naphthalene

Concen: 0.382 ng

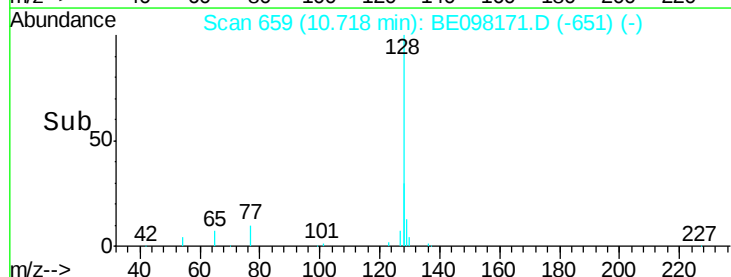
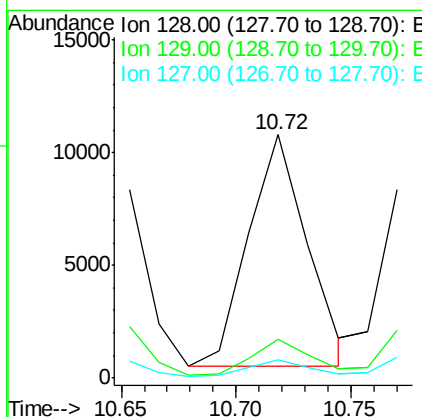
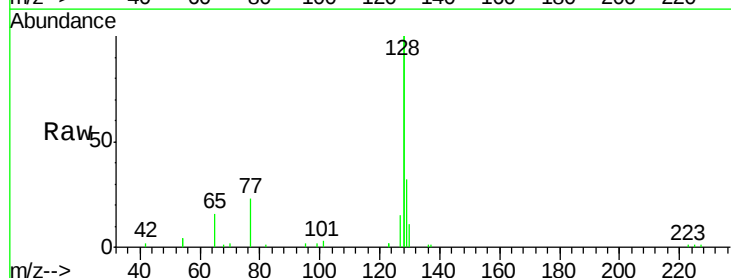
RT: 10.72 min Scan# 659

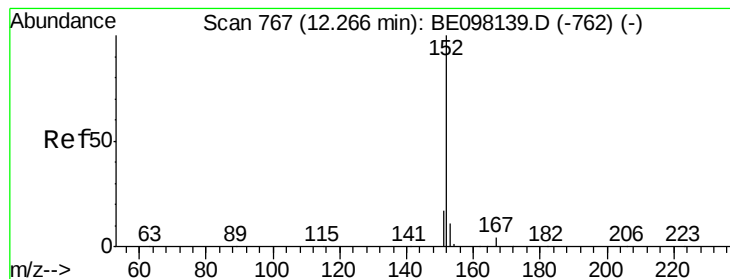
Delta R.T. 0.00 min

Lab File: BE098171.D

Acq: 7 Nov 2018 13:23

Tgt Ion:	128	Resp:	18338
Ion Ratio	Lower	Upper	
128	100		
129	16.0	2.5	3.7#
127	7.4	2.8	4.2#





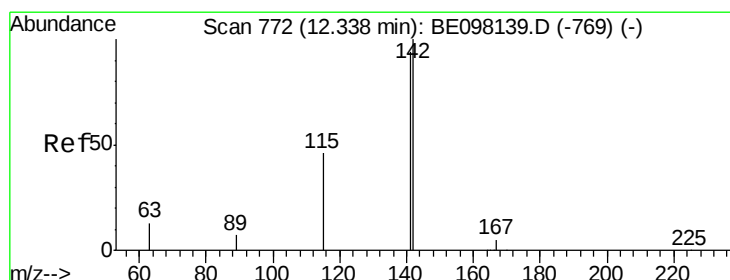
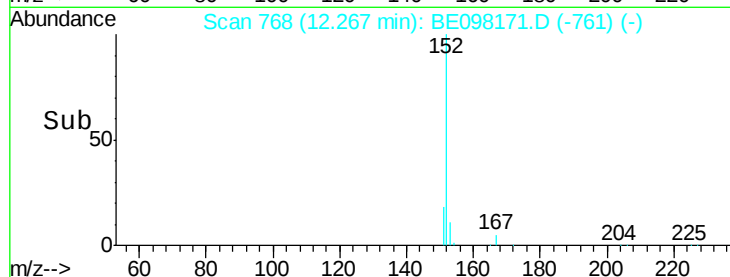
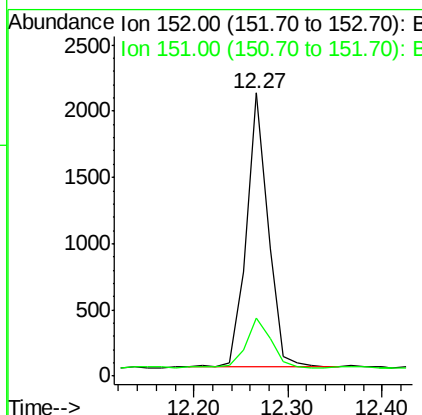
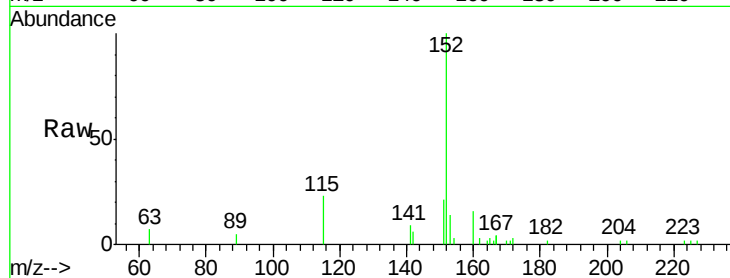
#11
 2-Methylnaphthalene-d10
 Concen: 0.389 ng
 RT: 12.27 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE098171.D
 Acq: 7 Nov 2018 13:23

Instrument :
 BNA_E
 ClientSampleId :
 C19013081

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.2	24.4

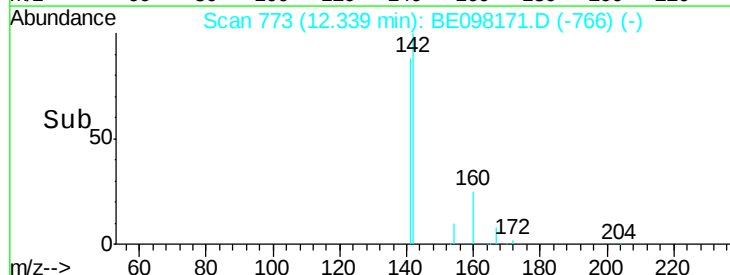
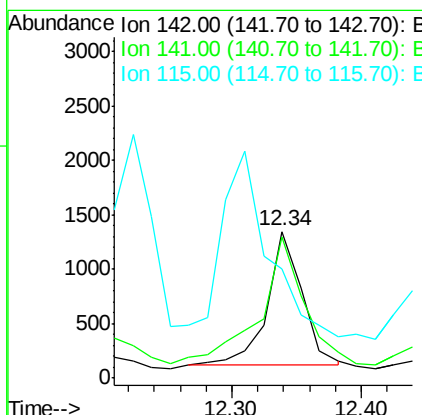
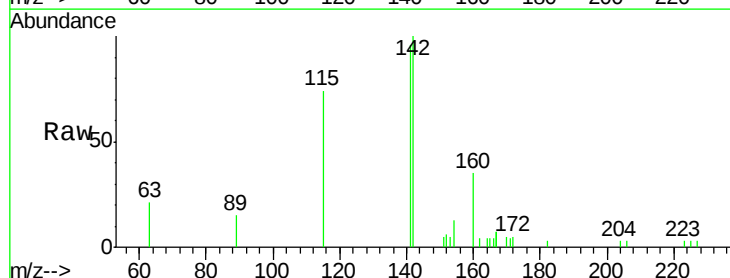
Manual Integrations
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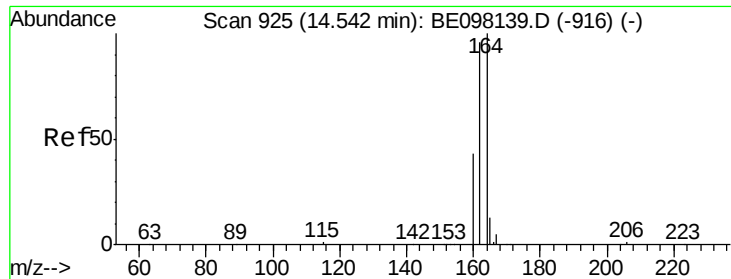
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#12
 2-Methylnaphthalene
 Concen: 0.264 ng
 RT: 12.34 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BE098171.D
 Acq: 7 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.0	69.8	104.6
115	74.3	30.5	45.7#





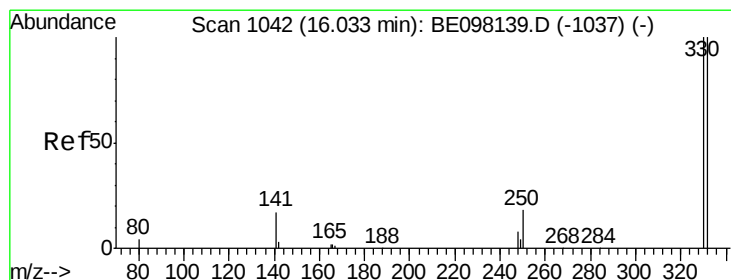
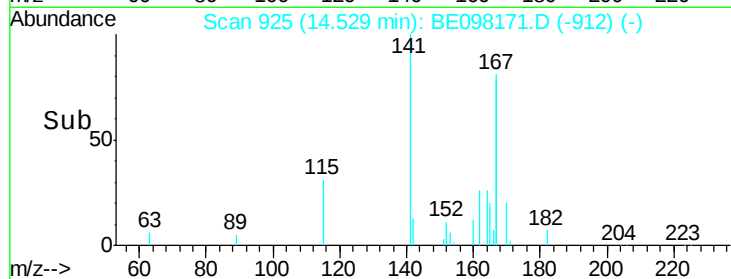
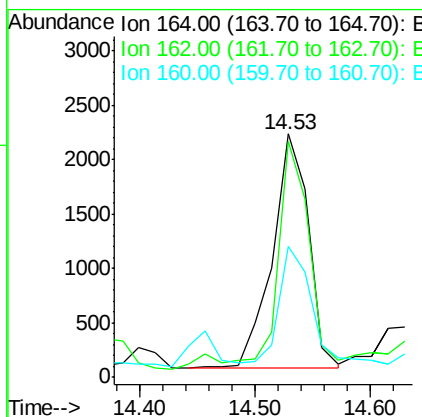
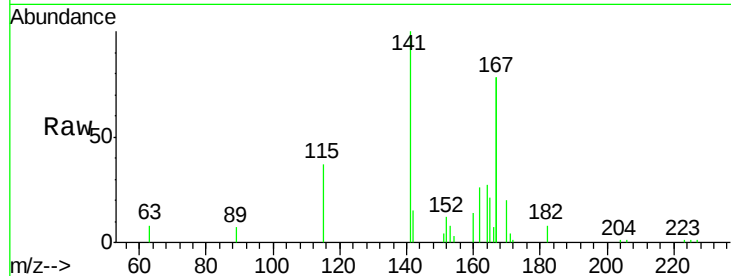
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE098171.D
Acq: 7 Nov 2018 13:23

Instrument :
BNA_E
ClientSampleId :
C19013081

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.7	77.4	116.2
160	53.7	36.5	54.7

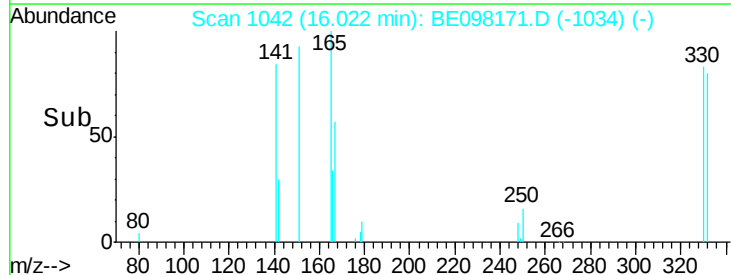
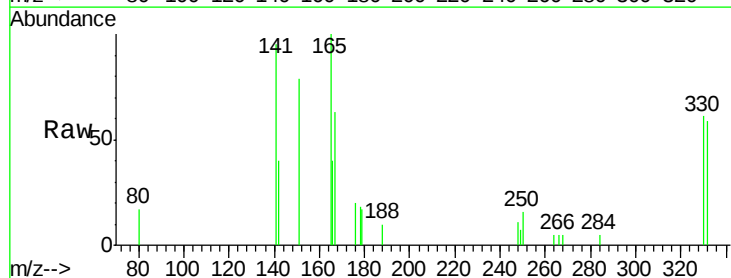
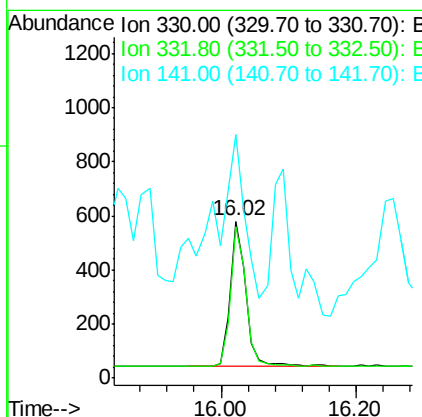
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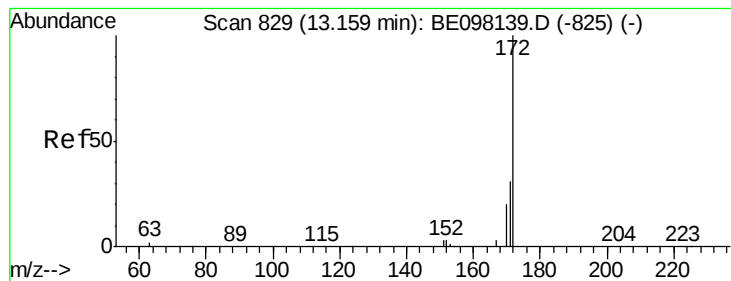
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#14
2,4,6-Tribromophenol
Concen: 0.402 ng
RT: 16.02 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE098171.D
Acq: 7 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.5	114.7
141	211.3	31.8	47.6#





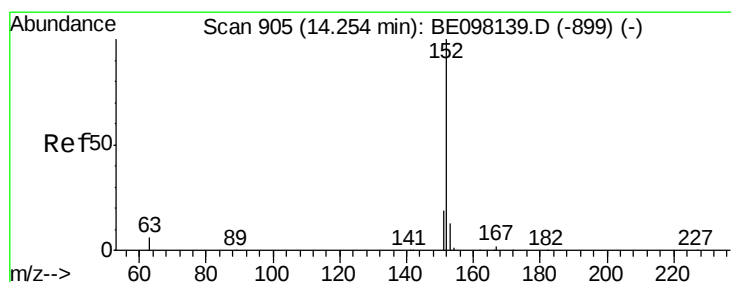
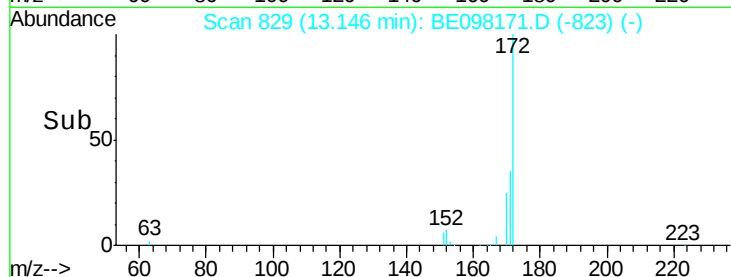
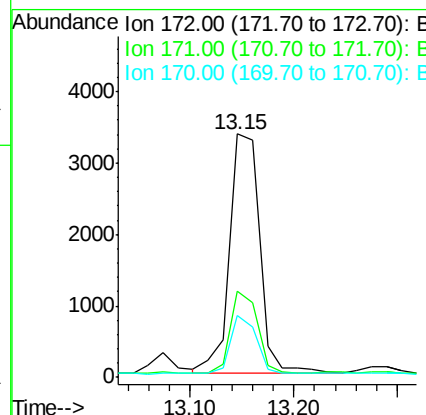
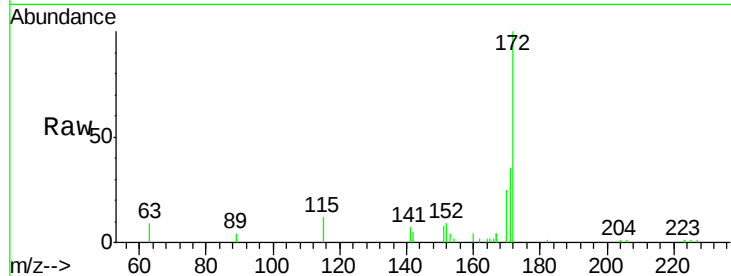
#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.15 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE098171.D
Acq: 7 Nov 2018 13:23

Instrument :
BNA_E
ClientSampleId :
C19013081

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.0	39.0
170	25.3	18.0	27.0

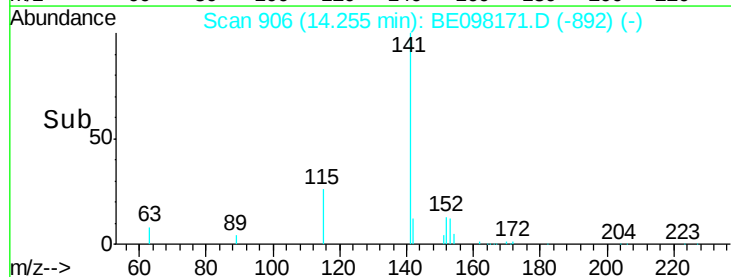
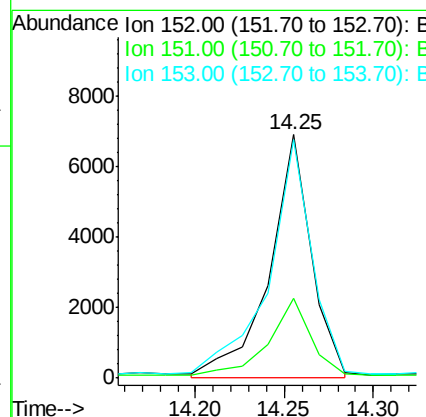
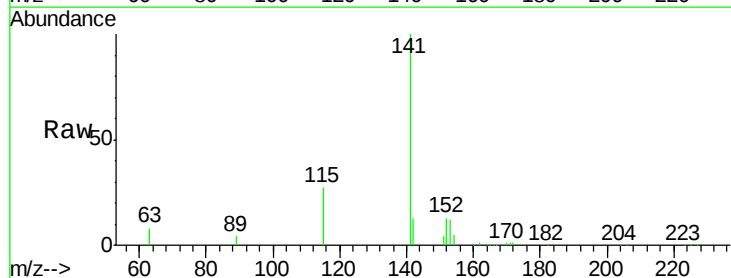
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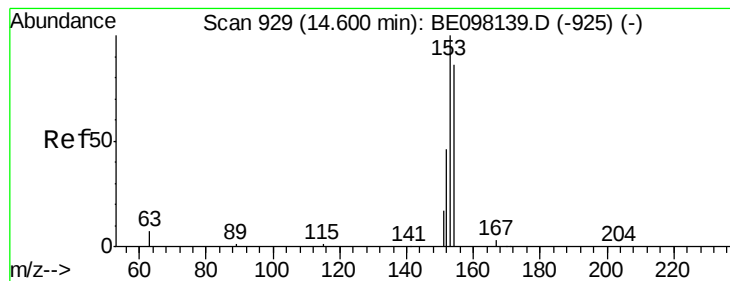
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#16
Acenaphthylene
Concen: 0.539 ng m
RT: 14.25 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE098171.D
Acq: 7 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.1	24.1#
153	0.0	10.9	16.3#





#17

Acenaphthene

Concen: 1.361 ng m

RT: 14.60 min Scan# 930

Delta R.T. 0.00 min

Lab File: BE098171.D

Acq: 7 Nov 2018 13:23

Instrument :

BNA_E

ClientSampleId :

C19013081

Tgt Ion:154 Resp: 17377

Ion Ratio Lower Upper

154 100

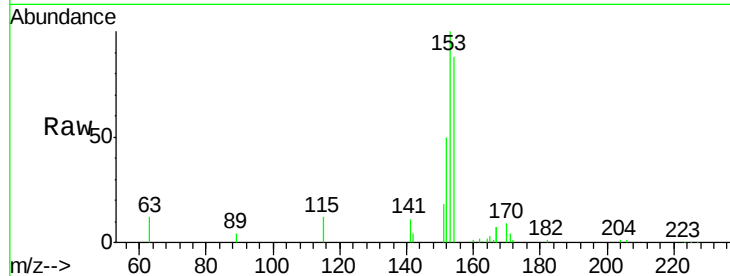
153 128.7 92.6 139.0

152 79.8 45.5 68.3#

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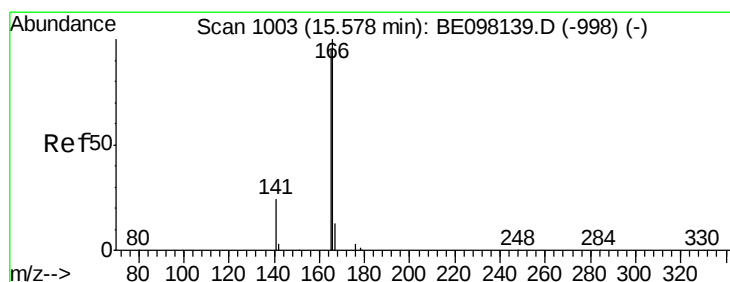
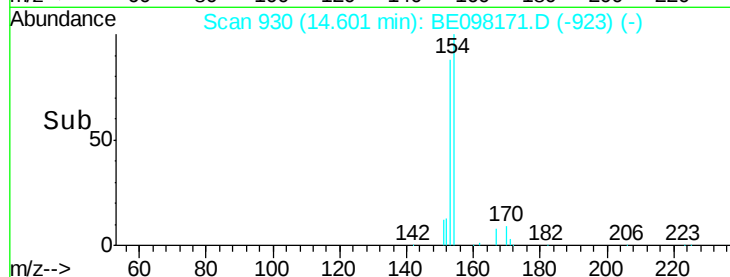
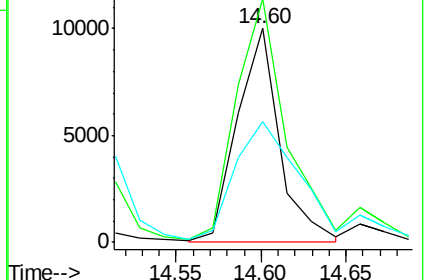
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 2.941 ng

RT: 15.58 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE098171.D

Acq: 7 Nov 2018 13:23

Tgt Ion:166 Resp: 49824

Ion Ratio Lower Upper

166 100

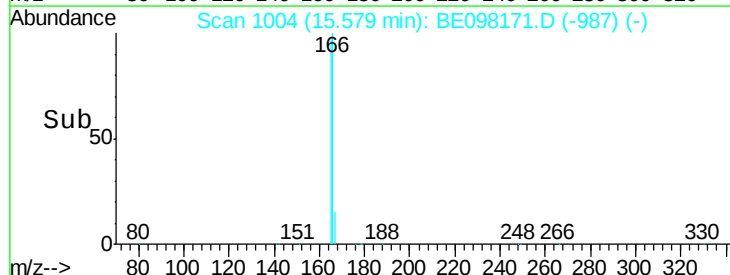
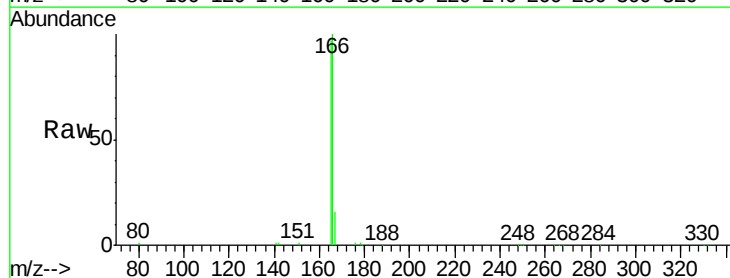
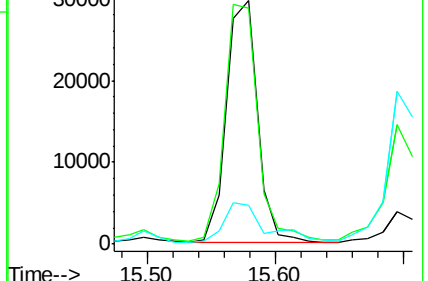
165 103.8 78.2 117.4

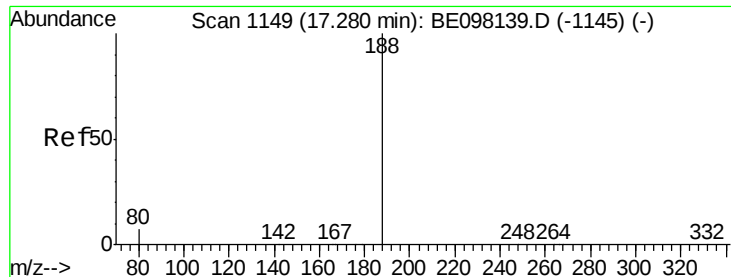
167 22.8 11.0 16.6#

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





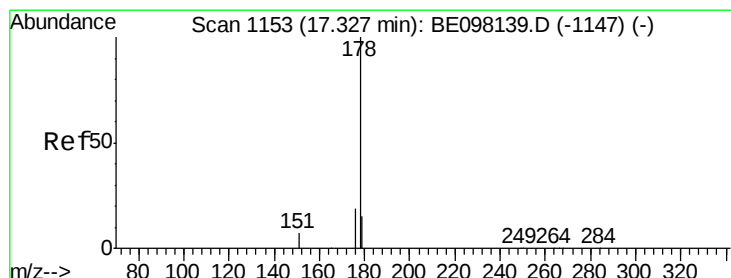
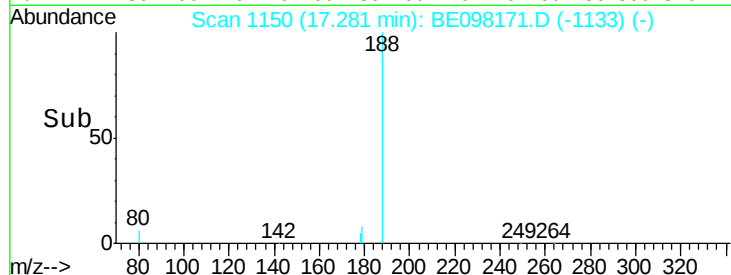
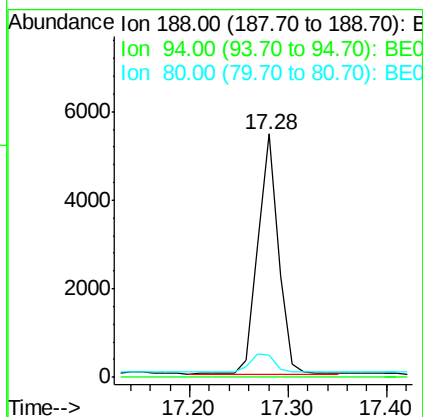
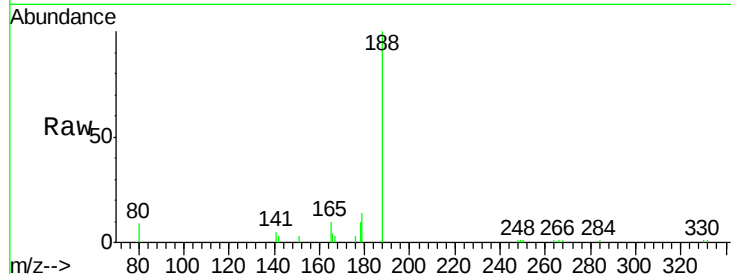
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BE098171.D
Acq: 7 Nov 2018 13:23

Instrument :
BNA_E
ClientSampleId :
C19013081

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	7894		
94	0.0	0.0	0.0	0.0
80	9.3	6.3	9.5	

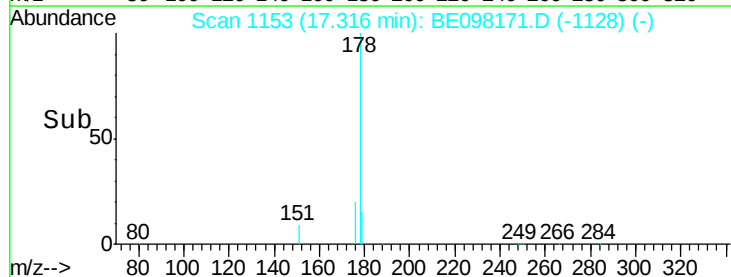
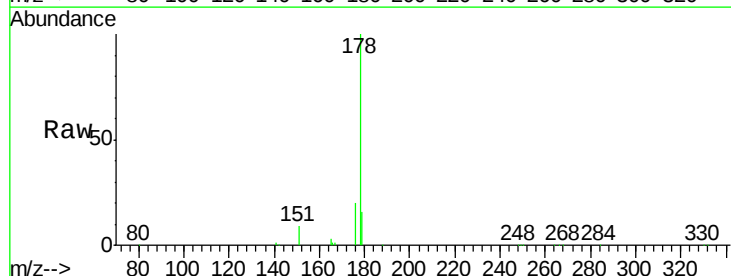
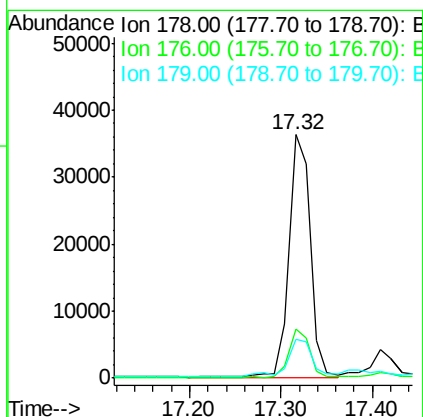
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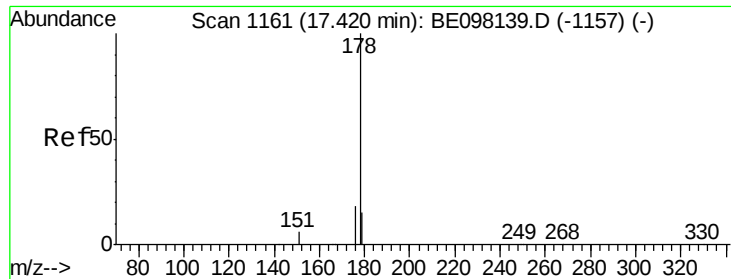
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#23
Phenanthrene
Concen: 3.002 ng
RT: 17.32 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE098171.D
Acq: 7 Nov 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	58709		
176	19.5	15.5	23.3	
179	18.6	12.2	18.4	





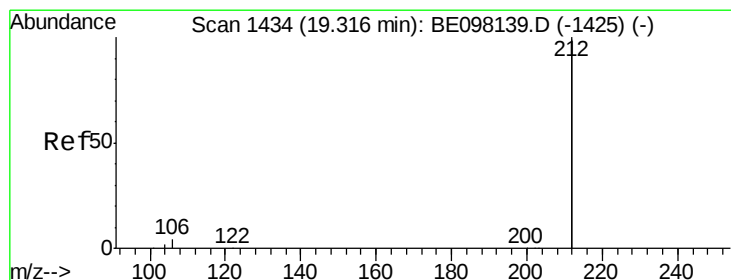
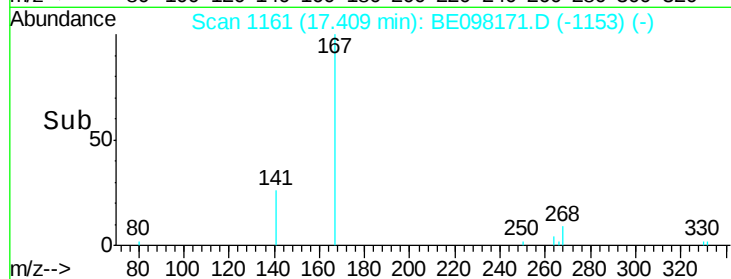
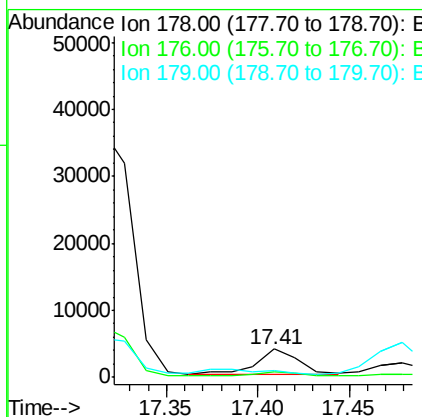
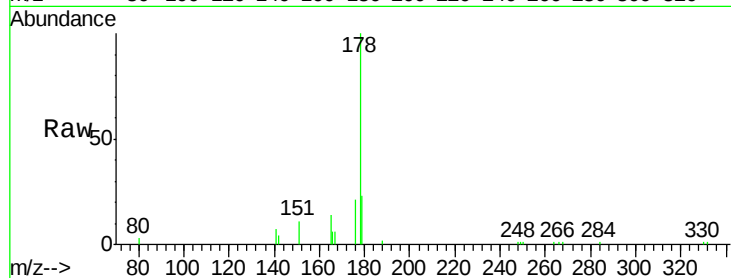
#24
 Anthracene
 Concen: 0.303 ng
 RT: 17.41 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BE098171.D
 Acq: 7 Nov 2018 13:23

Instrument :
 BNA_E
 ClientSampleId :
 C19013081

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.9	22.3
179	0.0	11.9	17.9#

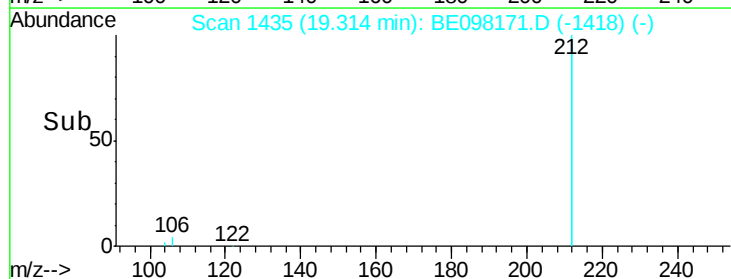
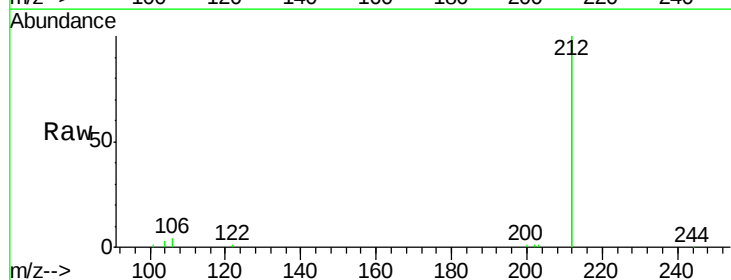
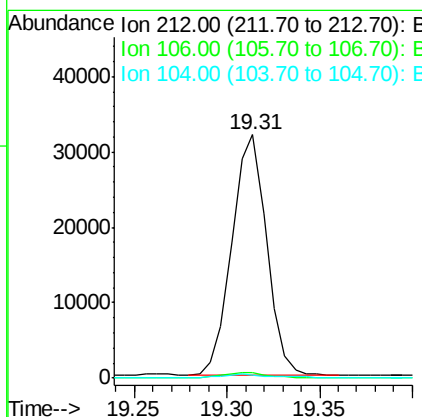
Manual Integrations
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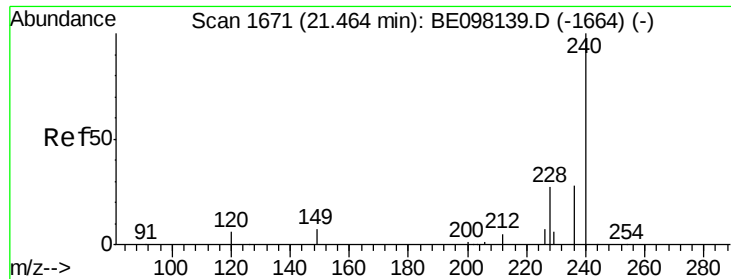
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#25
 Fluoranthene-d10
 Concen: 0.406 ng
 RT: 19.31 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BE098171.D
 Acq: 7 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
212	100		
106	2.2	2.3	3.5#
104	1.7	1.3	1.9





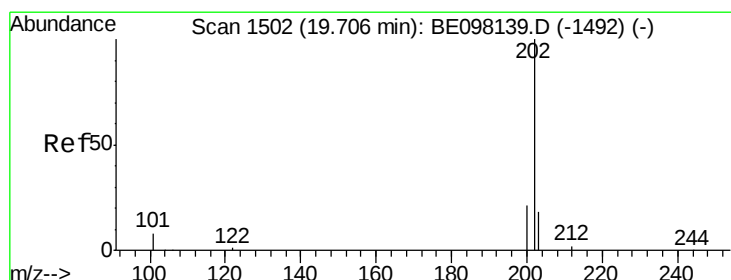
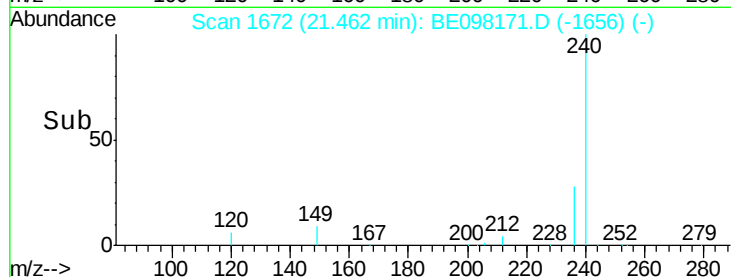
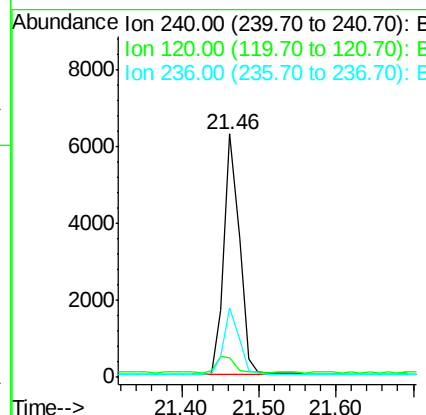
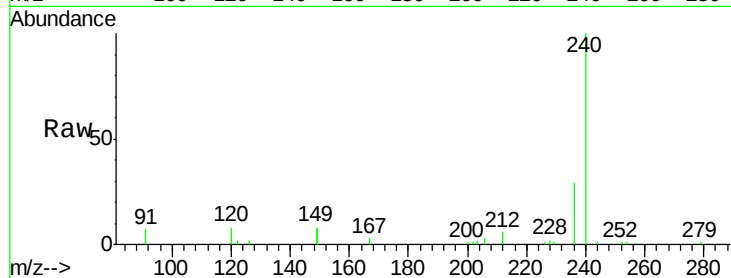
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BE098171.D
 Acq: 7 Nov 2018 13:23

Instrument :
 BNA_E
 ClientSampleId :
 C19013081

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.1	10.7
236	28.7	21.3	31.9

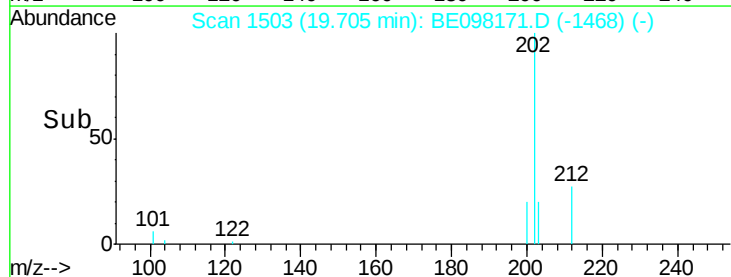
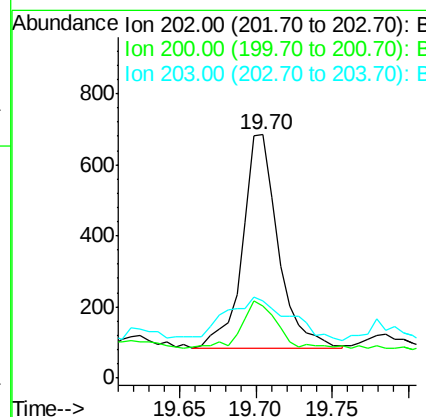
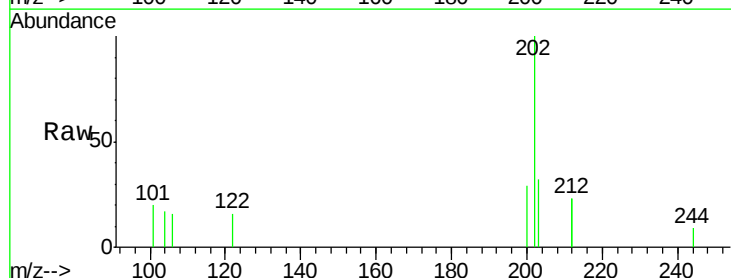
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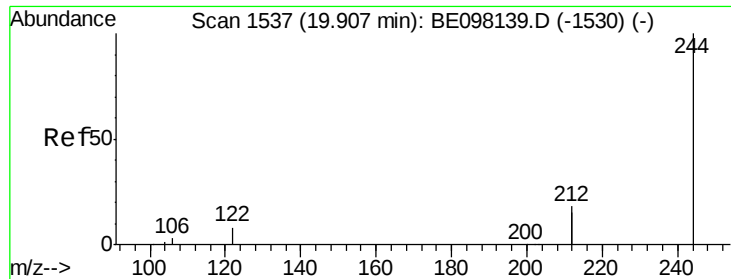
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#28
 Pyrene
 Concen: 0.040 ng
 RT: 19.70 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BE098171.D
 Acq: 7 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.0	25.4
203	34.2	14.2	21.4#





#29

Terphenyl-d14

Concen: 0.601 ng

RT: 19.91 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BE098171.D

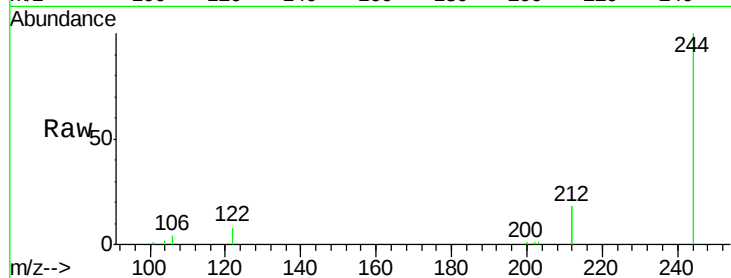
Acq: 7 Nov 2018 13:23

Instrument :

BNA_E

ClientSampleId :

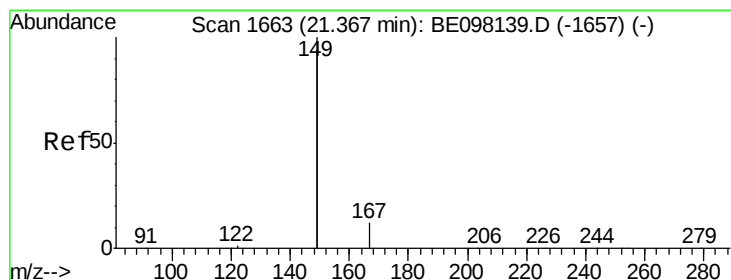
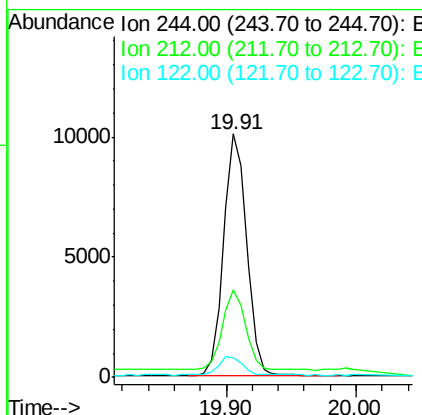
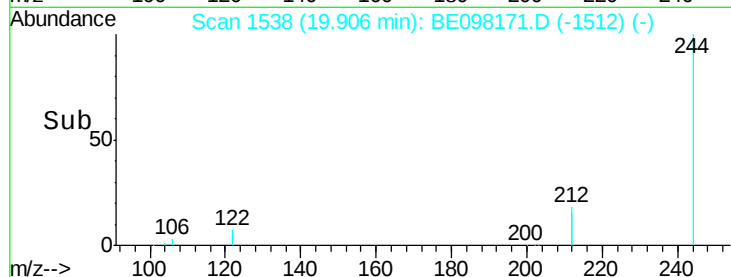
C19013081



Tgt Ion:	244	Resp:	12422
Ion Ratio	Lower	Upper	
244	100		
212	35.8	26.2	39.2
122	8.3	7.7	11.5

Manual Integrations
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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.345 ng

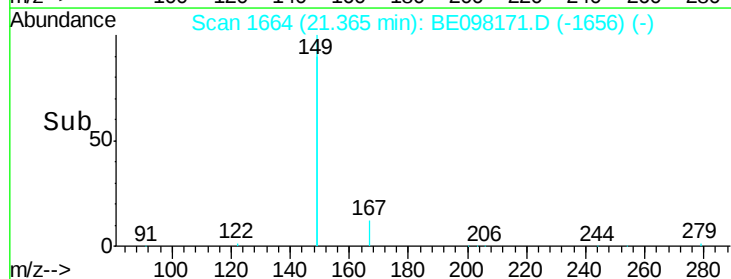
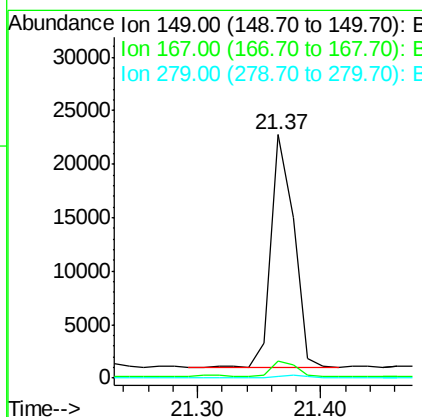
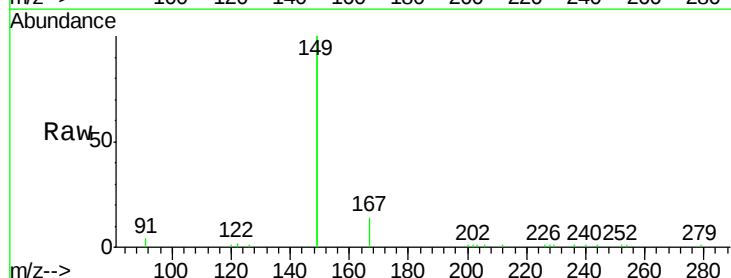
RT: 21.37 min Scan# 1664

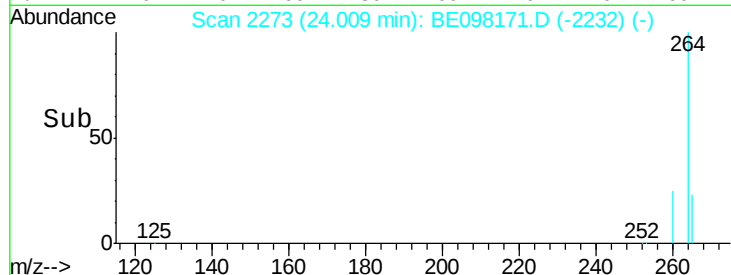
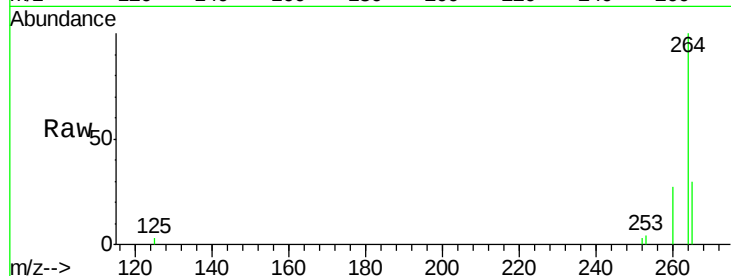
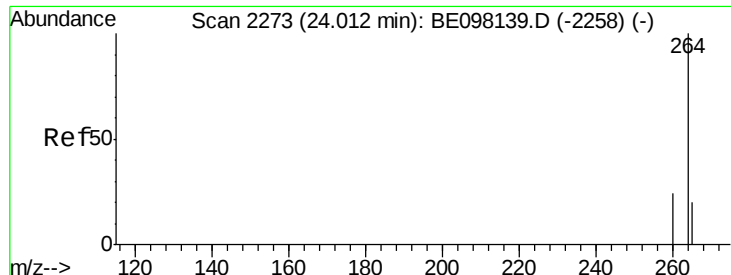
Delta R.T. -0.00 min

Lab File: BE098171.D

Acq: 7 Nov 2018 13:23

Tgt Ion:	149	Resp:	28401
Ion Ratio	Lower	Upper	
149	100		
167	6.9	5.6	8.4
279	1.1	0.9	1.3





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BE098171.D
Acq: 7 Nov 2018 13:23

Instrument :
BNA_E
ClientSampleId :
C19013081

Tgt Ion:	264	Resp:	8596
Ion Ratio	Lower	Upper	
264	100		
260	26.5	21.1	31.7
265	29.6	29.2	43.8

Manual Integrations
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