

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121418\
 Data File : BE098439.D
 Acq On : 14 Dec 2018 17:11
 Operator : SJ/JU
 Sample : PB115633BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115633BSD

Manual Integrations
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Quant Time: Dec 14 23:40:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	965	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3803	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2215	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5830	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	7880	0.40	ng	0.00
34) Perylene-d12	24.00	264	7107	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	552	0.24	ng	0.00
5) Phenol-d6	7.06	99	695	0.22	ng	0.00
8) Nitrobenzene-d5	9.03	82	776	0.22	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	1446	0.23	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	158	0.19	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	2190	0.23	ng	0.00
25) Fluoranthene-d10	19.30	212	19208	0.26	ng	0.00
29) Terphenyl-d14	19.90	244	3458	0.18	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	577	0.346	ng	# 57
3) n-Nitrosodimethylamine	3.70	42	336	0.224	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	488	0.161	ng	# 98
9) Naphthalene	10.70	128	9168	0.240	ng	# 97
10) Hexachlorobutadiene	10.99	225	600	0.246	ng	97
12) 2-Methylnaphthalene	12.34	142	1400	0.225	ng	95
16) Acenaphthylene	14.24	152	2402	0.231	ng	99
17) Acenaphthene	14.59	154	1365	0.219	ng	96
18) Fluorene	15.57	166	1840	0.221	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	557	0.178	ng	93
21) Hexachlorobenzene	16.58	284	722	0.214	ng	95
22) Pentachlorophenol	16.95	266	66	0.142	ng	# 80
23) Phenanthrene	17.31	178	3274	0.231	ng	98
24) Anthracene	17.41	178	2537	0.201	ng	98
26) Fluoranthene	19.33	202	4804	0.256	ng	97
28) Pyrene	19.69	202	4878	0.197	ng	100
30) Benzo(a)anthracene	21.44	228	5009	0.223	ng	99
31) Chrysene	21.50	228	5120	0.218	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	7482	0.164	ng	99
33) Indeno(1,2,3-cd)pyrene	26.69	276	5382	0.230	ng	# 85
35) Benzo(b)fluoranthene	23.22	252	4882m	0.251	ng	
36) Benzo(k)fluoranthene	23.27	252	5775	0.255	ng	98
37) Benzo(a)pyrene	23.89	252	4869	0.243	ng	94
38) Dibenzo(a,h)anthracene	26.72	278	4080	0.216	ng	96
39) Benzo(g,h,i)perylene	27.51	276	4438	0.233	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

Instrument :

BNA_E

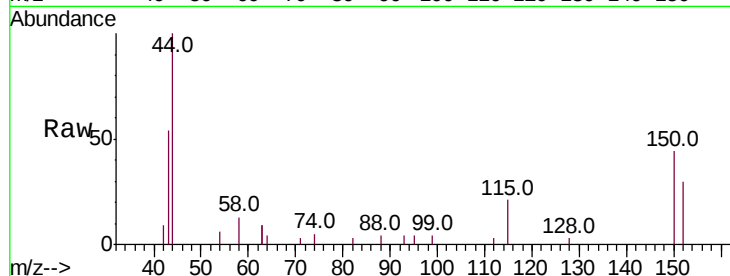
ClientSampleId :

PB115633BSD

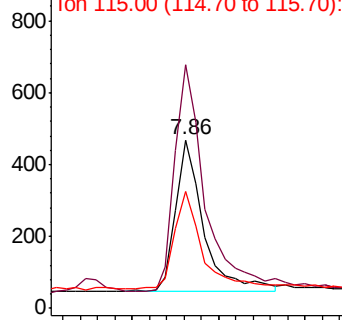
Tot Ion:	152	Resp:	965
Ion	Ratio	Lower	Upper
152	100		
150	144.7	124.2	186.4
115	69.9	53.9	80.9

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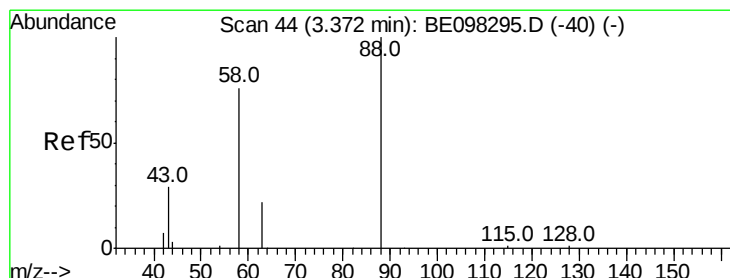
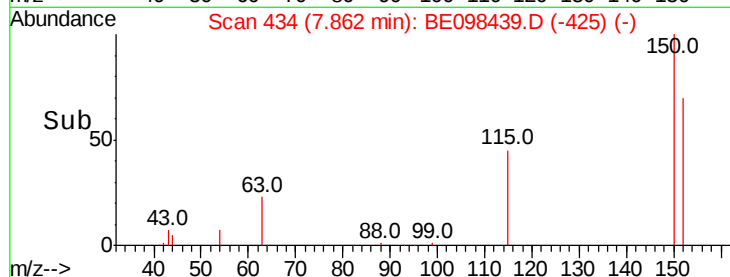
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.346 ng

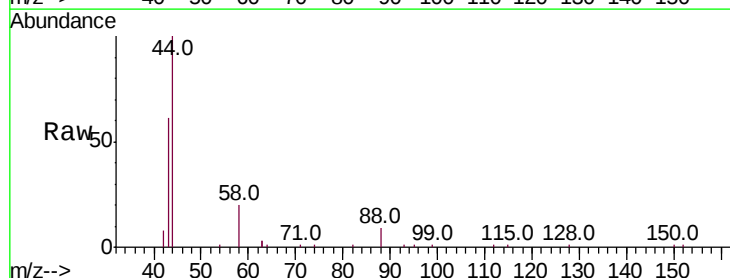
RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

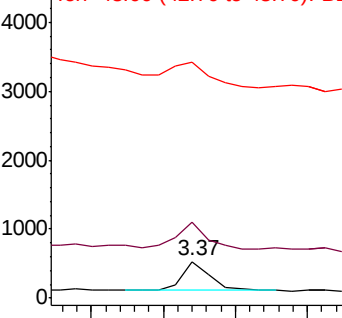
Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

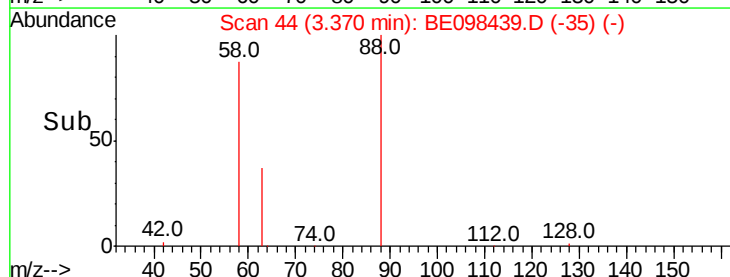
Tgt Ion:	88	Resp:	577
Ion	Ratio	Lower	Upper
88	100		
58	92.9	75.0	112.6
43	131.5	38.3	57.5#



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



Time-->





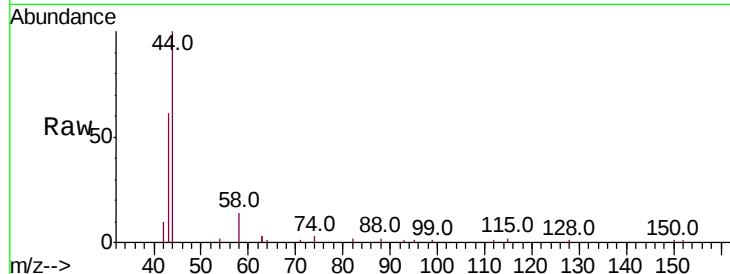
#3
n-Nitrosodimethylamine
Concen: 0.224 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

Instrument :
BNA_E
ClientSampleId :
PB115633BSD

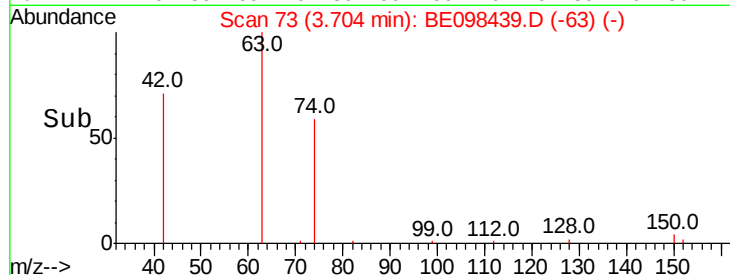
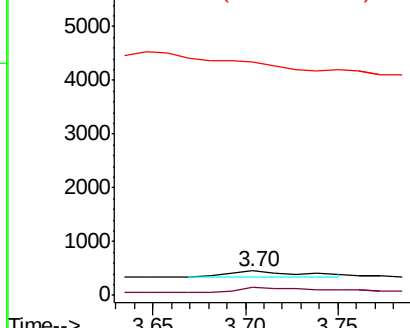
Tot Ion	Ratio	Lower	Upper
42	100		
74	67.0	0.0	0.0#
44	0.0	0.0	0.0

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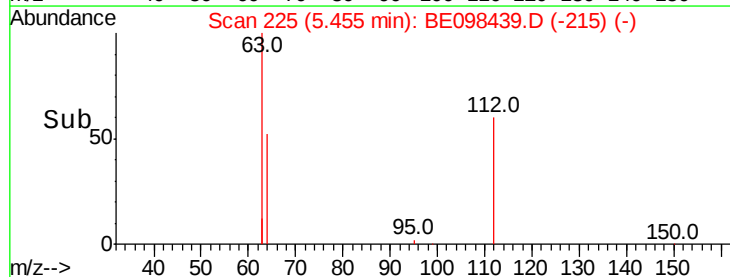
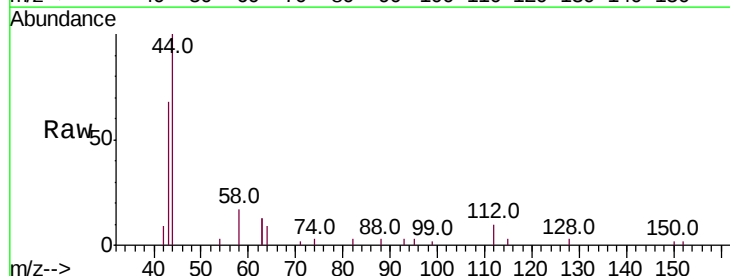
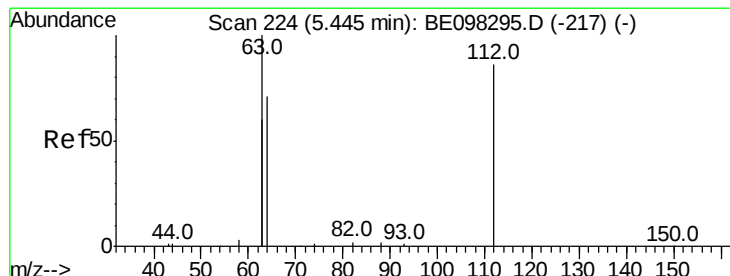
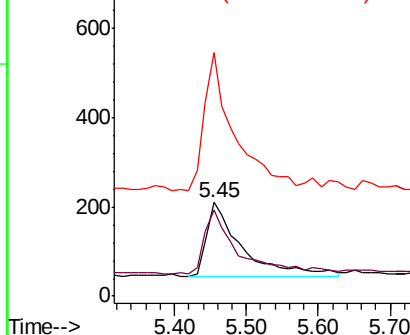
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4
2-Fluorophenol
Concen: 0.244 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	84.1	59.8	89.8
63	166.7	133.7	200.5

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





#5

Phenol-d6

Concen: 0.217 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

Instrument :

BNA_E

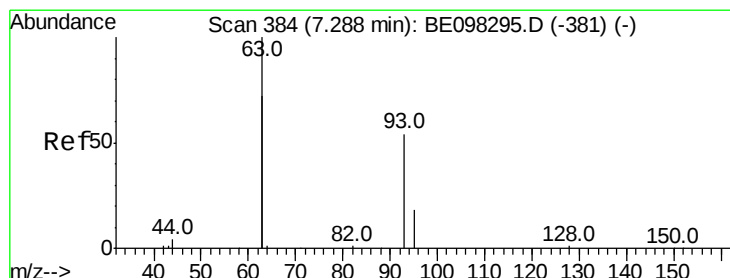
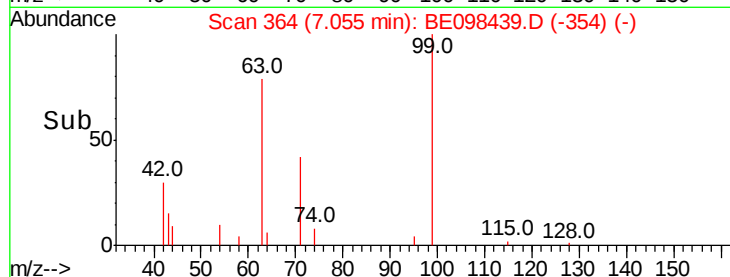
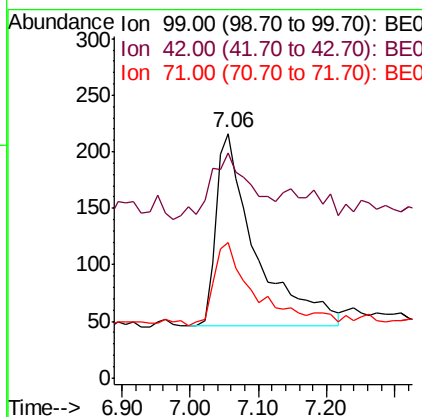
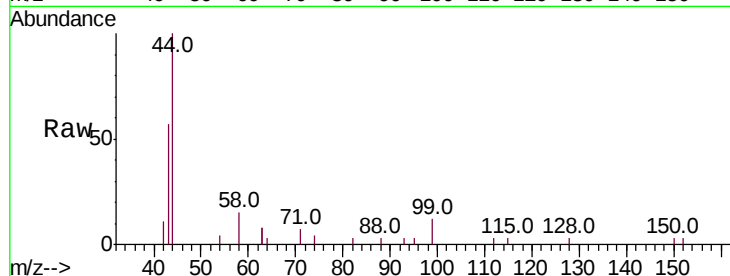
ClientSampleId :

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Tot Ion:	99	Resp:	695
Ion	Ratio	Lower	Upper
99	100		
42	35.1	26.3	39.5
71	42.3	33.6	50.4

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#6

bis(2-Chloroethyl)ether

Concen: 0.161 ng

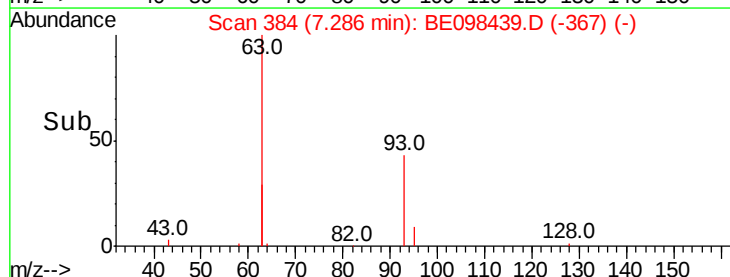
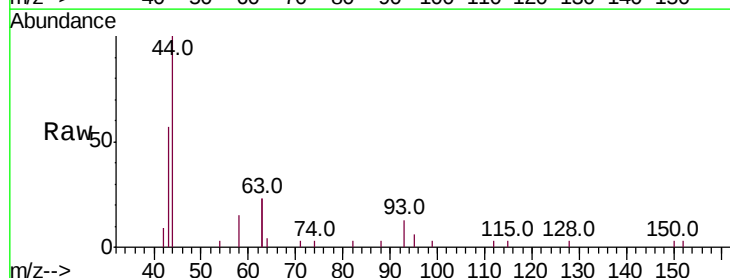
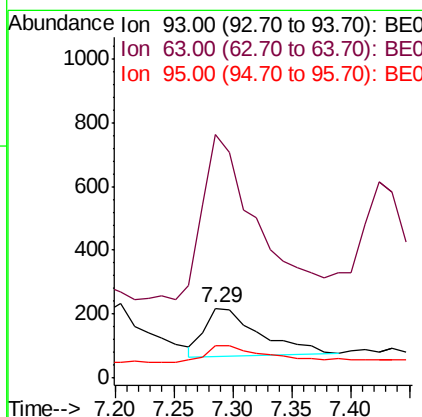
RT: 7.29 min Scan# 384

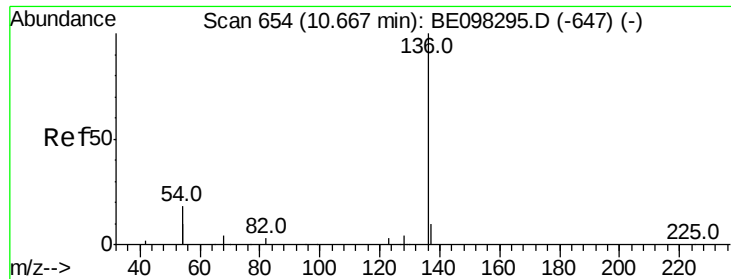
Delta R.T. -0.00 min

Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

Tgt Ion:	93	Resp:	488
Ion	Ratio	Lower	Upper
93	100		
63	330.5	264.4	396.6
95	43.9	26.6	40.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

Instrument :

BNA_E

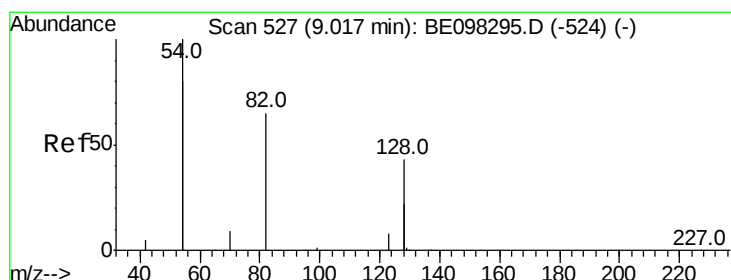
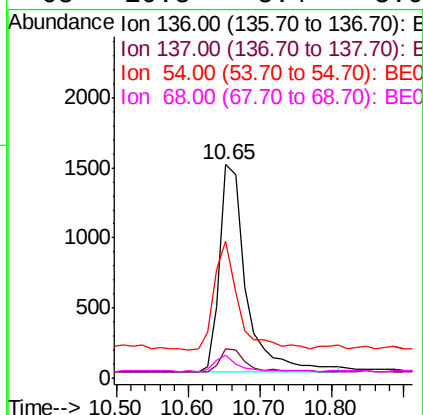
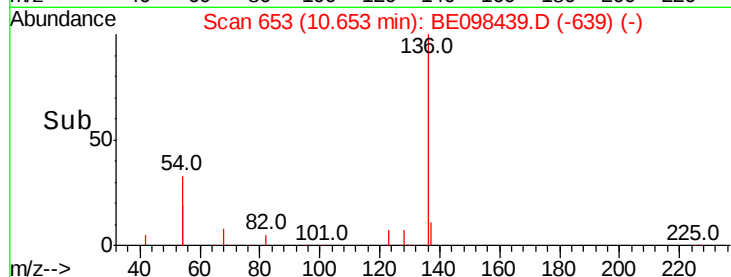
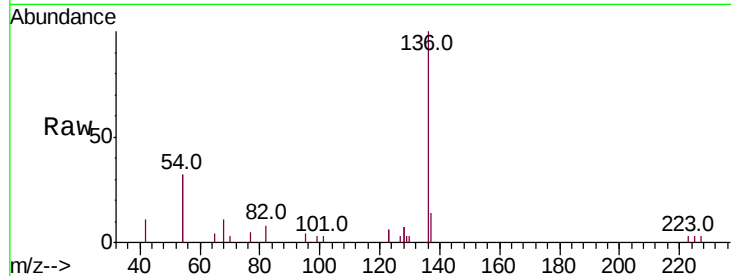
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	13.7	9.2	13.8	
54	64.1	28.4	42.6	
68	10.8	5.4	8.0	

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#8

Nitrobenzene-d5

Concen: 0.224 ng

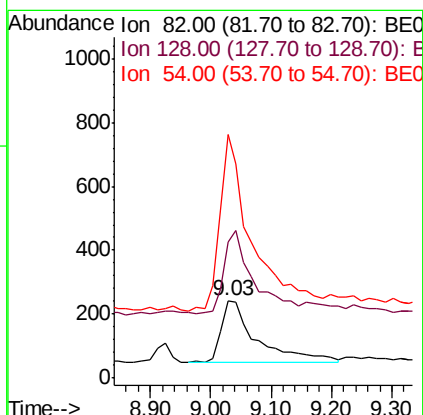
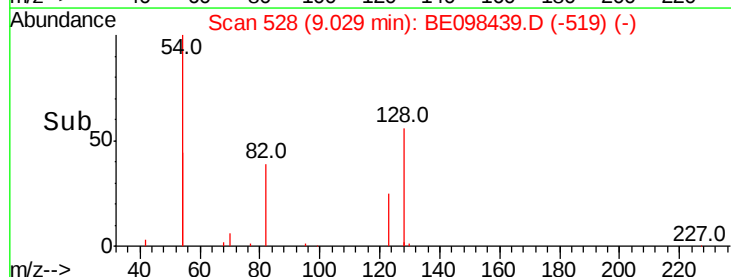
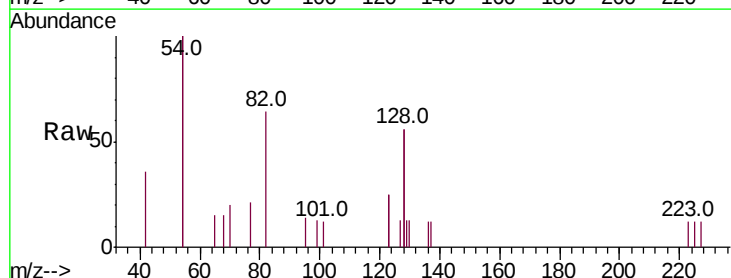
RT: 9.03 min Scan# 528

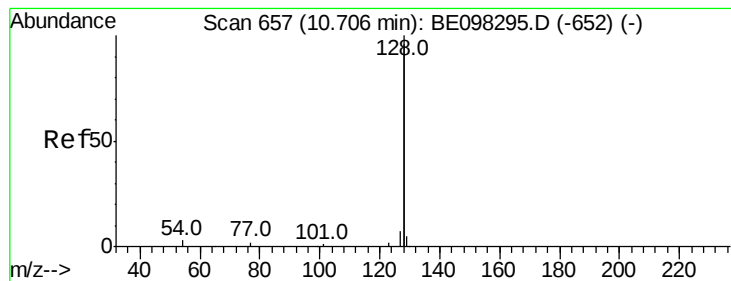
Delta R.T. 0.01 min

Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	175.2	102.4	153.6	
54	314.9	221.8	332.8	





#9

Naphthalene

Concen: 0.240 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

Instrument :

BNA_E

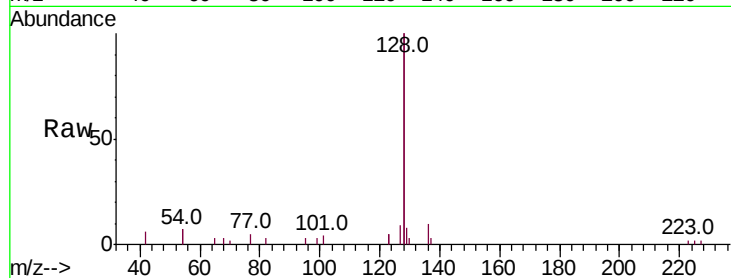
ClientSampleId :

PB115633BSD

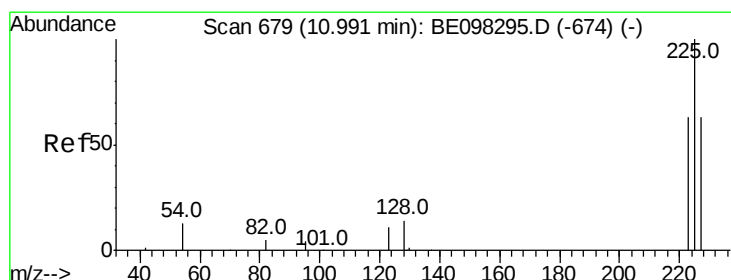
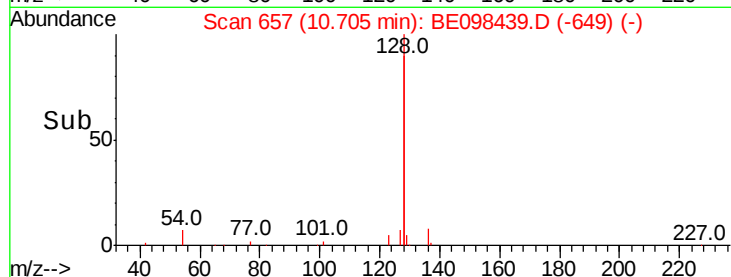
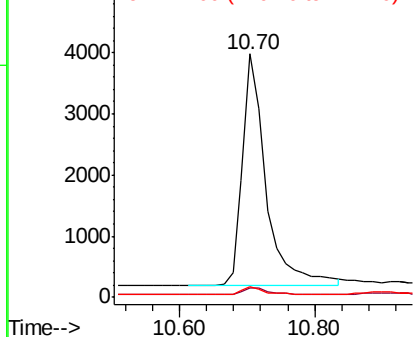
Tot Ion:	128	Resp:	9168
Ion Ratio	Lower	Upper	
128	100		
129	3.8	2.5	3.7#
127	4.6	2.7	4.1#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.246 ng

RT: 10.99 min Scan# 679

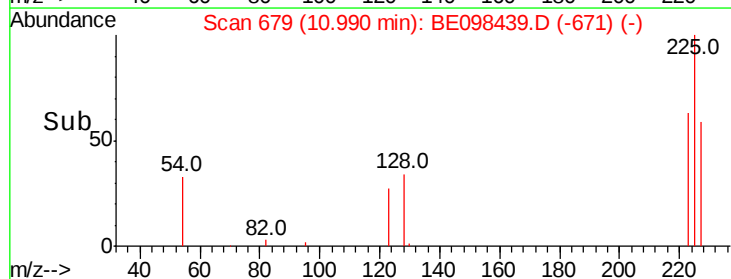
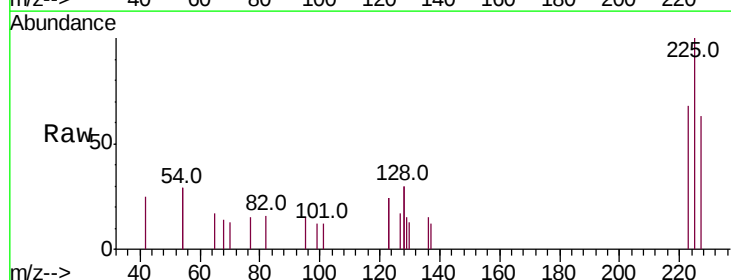
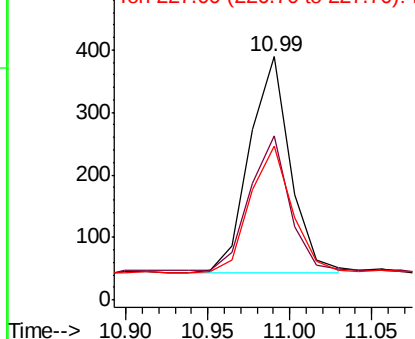
Delta R.T. -0.00 min

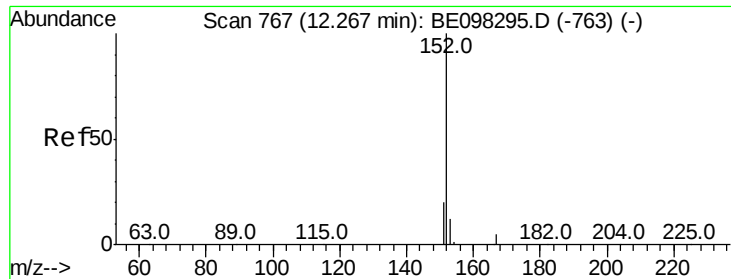
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Tgt Ion:	225	Resp:	600
Ion Ratio	Lower	Upper	
225	100		
223	61.0	49.4	74.0
227	60.3	52.0	78.0

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





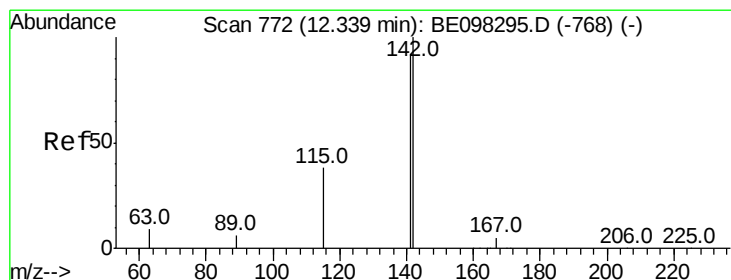
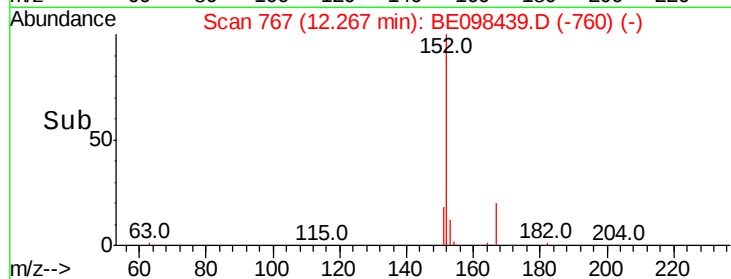
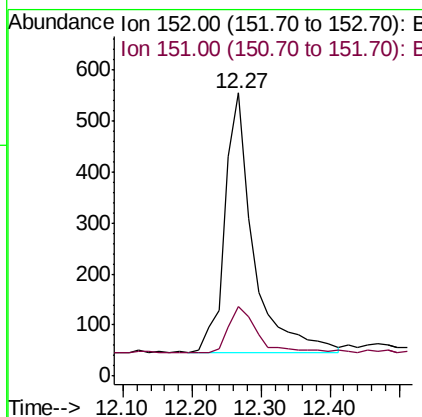
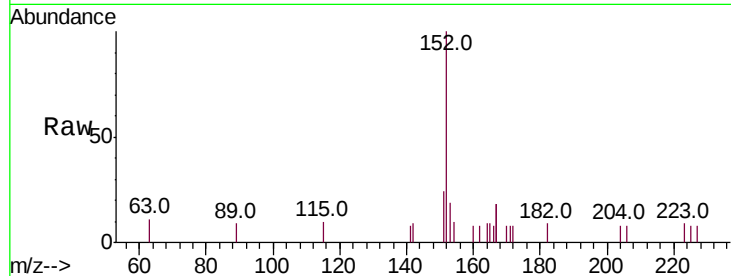
#11
 2-Methylnaphthalene-d10
 Concen: 0.234 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098439.D
 Acq: 14 Dec 2018 17:11

Instrument :
 BNA_E
 ClientSampleId :
 PB115633BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.3	16.2	24.4

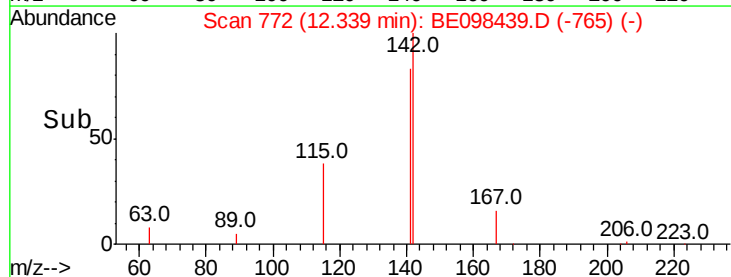
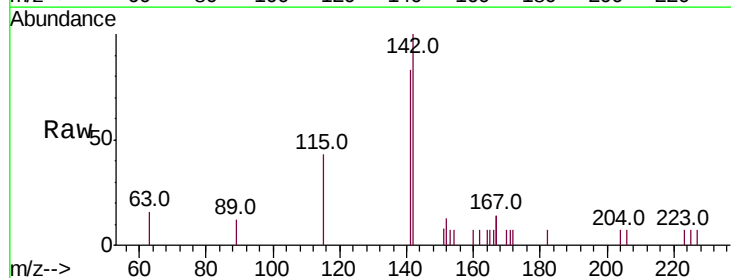
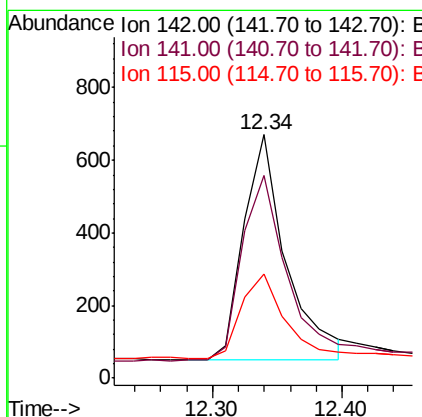
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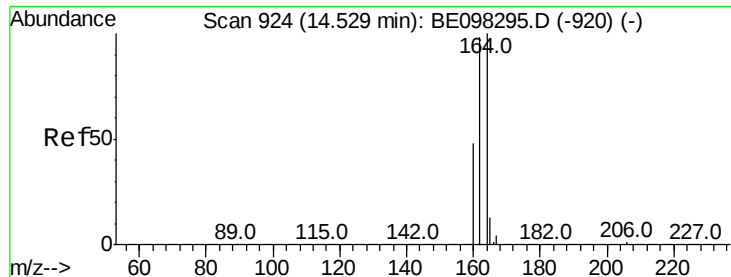
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#12
 2-Methylnaphthalene
 Concen: 0.225 ng
 RT: 12.34 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BE098439.D
 Acq: 14 Dec 2018 17:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.5	71.0	106.6
115	42.8	32.2	48.2





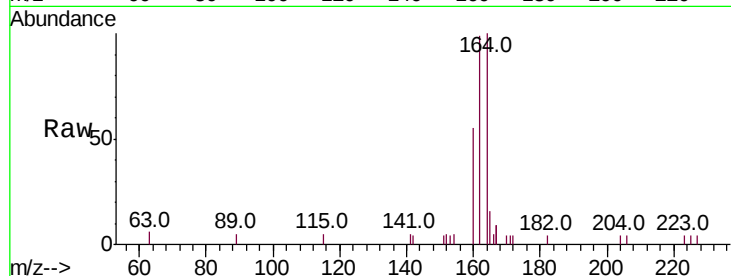
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

Instrument :
BNA_E
ClientSampleId :
PB115633BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	77.6	116.4
160	55.2	36.0	54.0#

Manual Integrations
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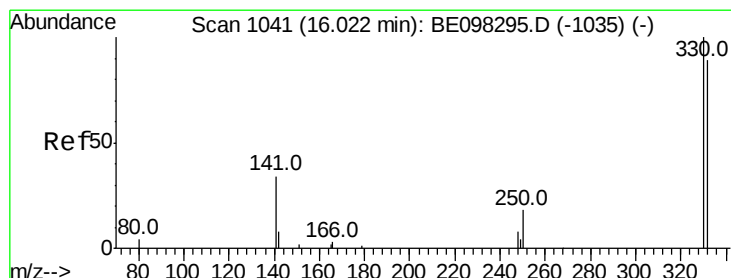
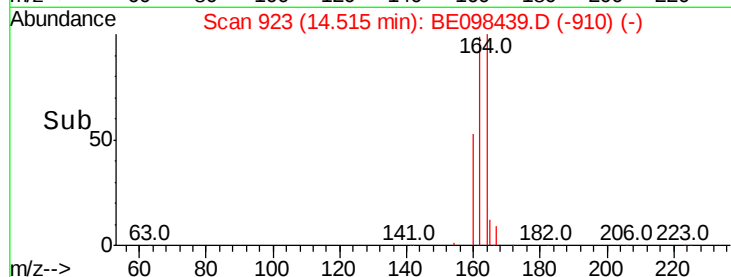
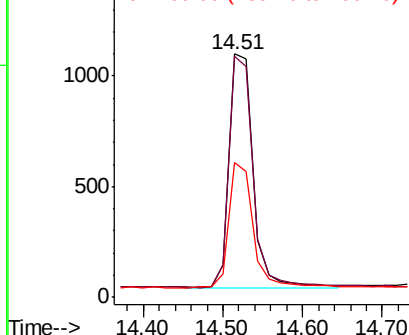


Abundance

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: 0.194 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

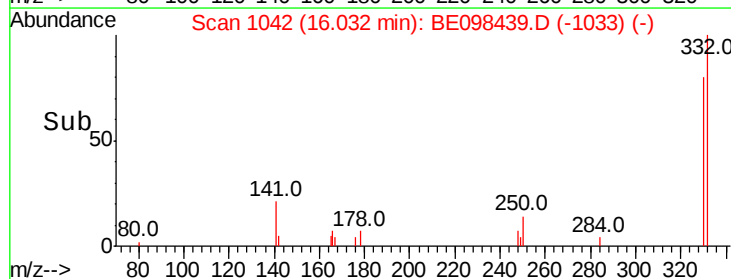
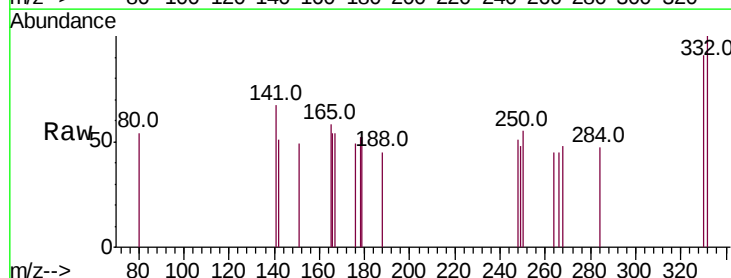
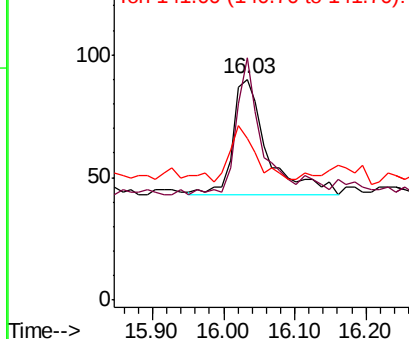
Tgt Ion	Ratio	Lower	Upper
330	100		
332	84.8	76.2	114.4
141	37.3	39.0	58.4#

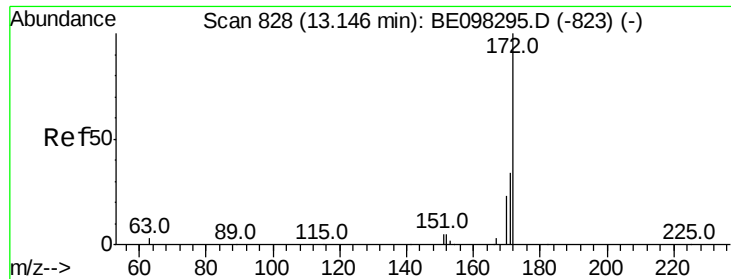
Abundance

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





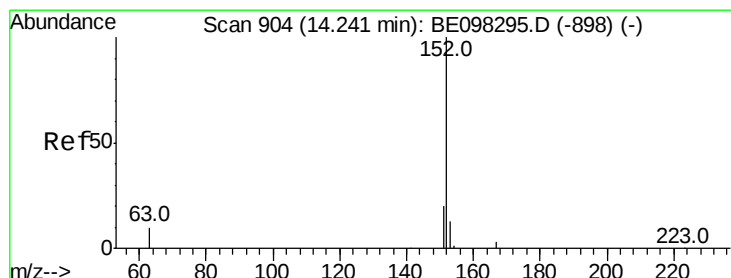
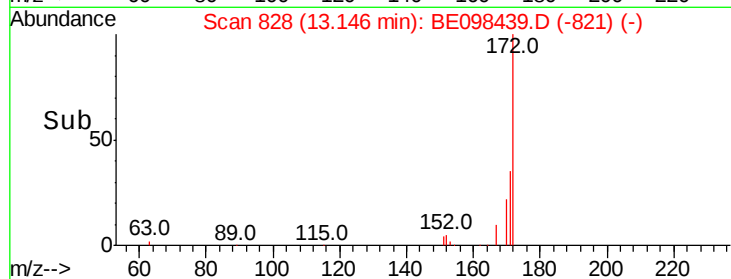
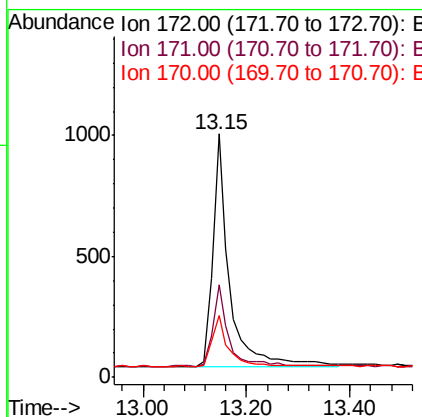
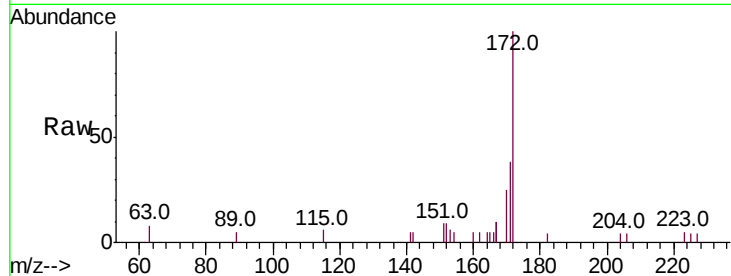
#15
2-Fluorobiphenyl
Concen: 0.234 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

Instrument :
BNA_E
ClientSampled :
PB115633BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	27.5	41.3
170	25.4	19.6	29.4

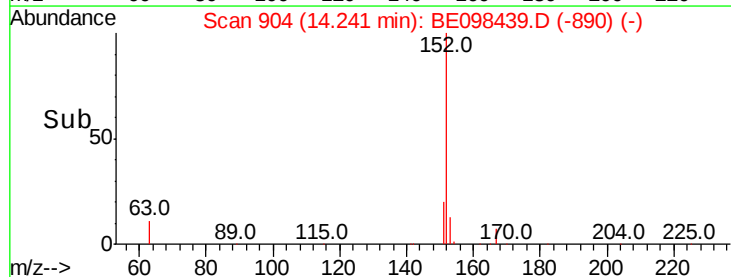
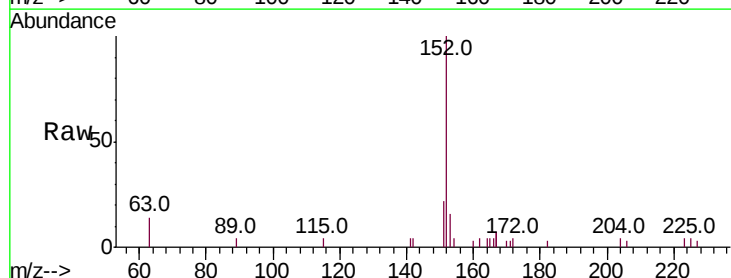
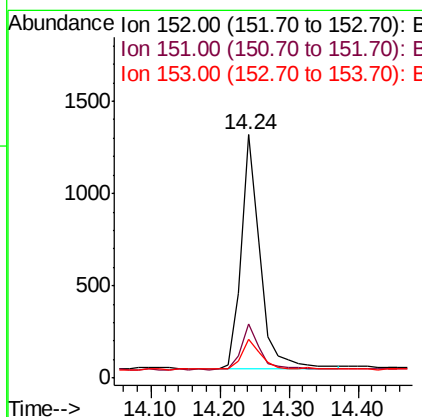
Manual Integrations
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#16
Acenaphthylene
Concen: 0.231 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.7	10.6	16.0





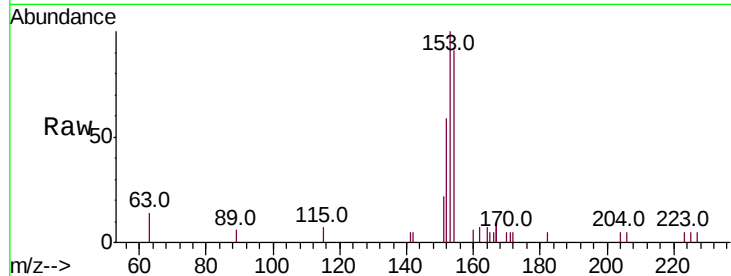
#17
Acenaphthene
Concen: 0.219 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

Instrument :
BNA_E
ClientSampleId :
PB115633BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.8	137.6
152	61.8	45.5	68.3

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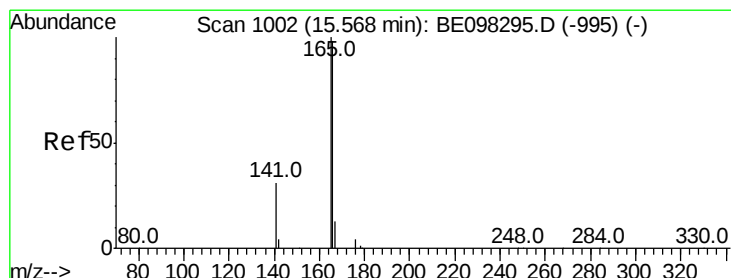
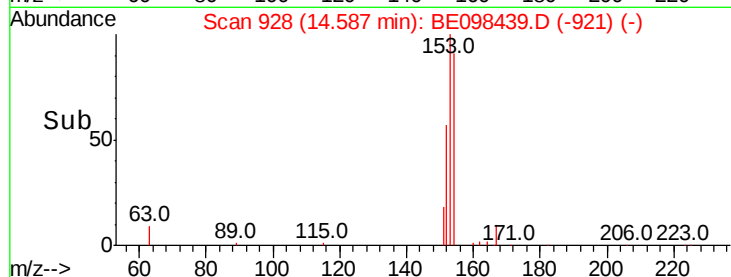
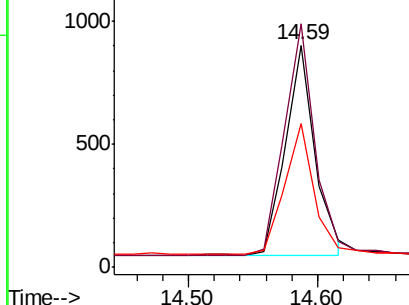


Abundance

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: 0.221 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

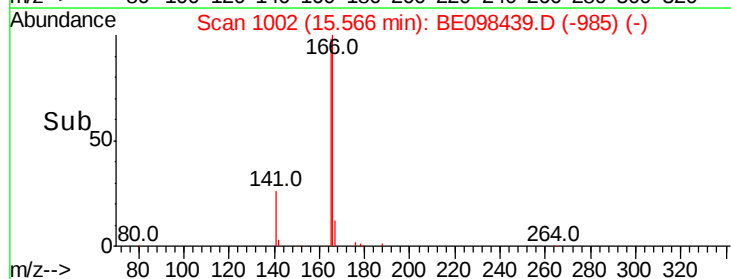
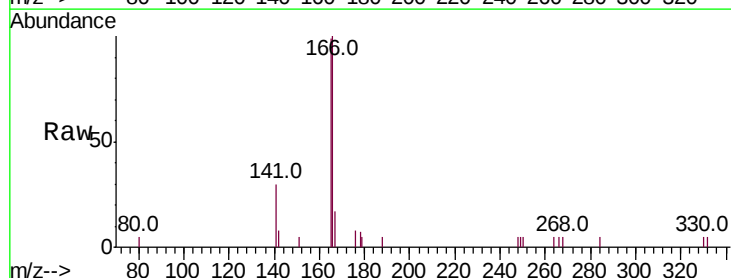
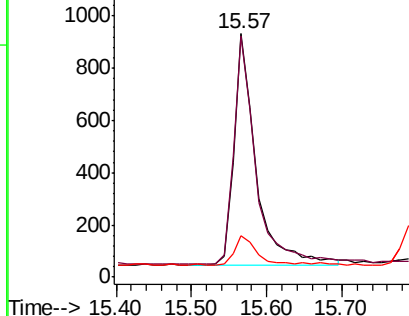
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.3	118.9
167	12.8	11.3	16.9

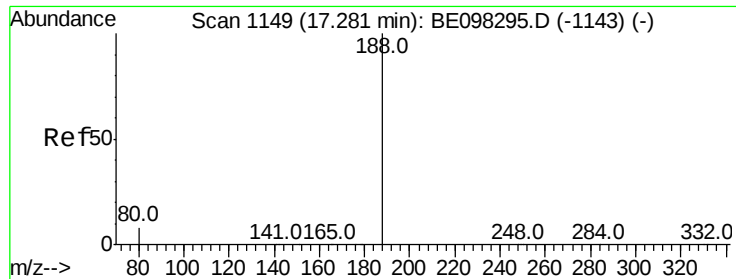
Abundance

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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

Instrument :

BNA_E

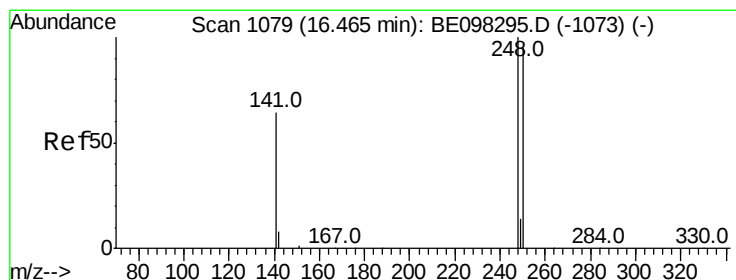
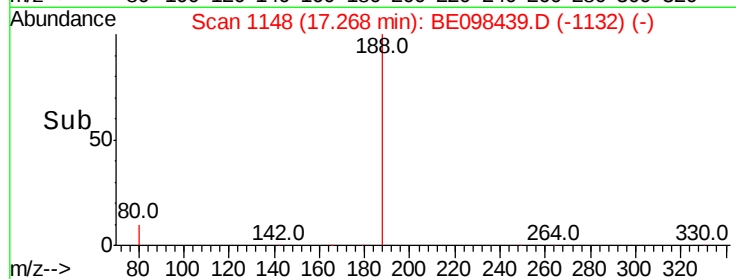
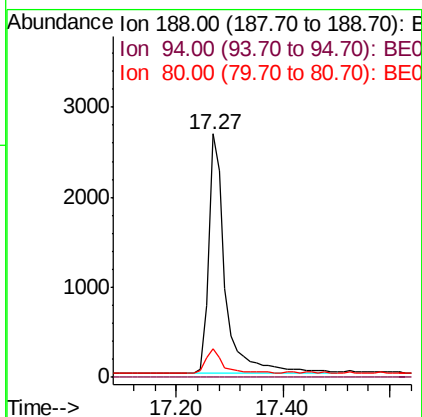
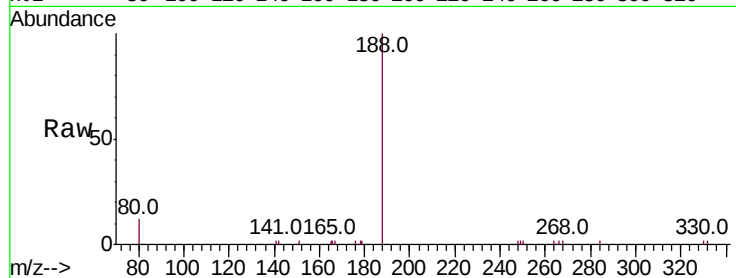
ClientSampleId :

PB115633BSD

Tot Ion:	188	Resp:	5830
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.6	7.2	10.8#

Manual Integrations
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#20

4-Bromophenyl-phenylether

Concen: 0.178 ng

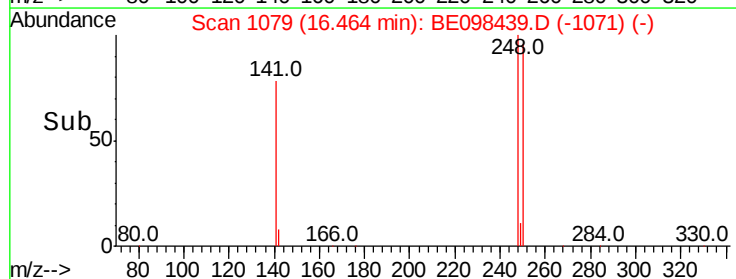
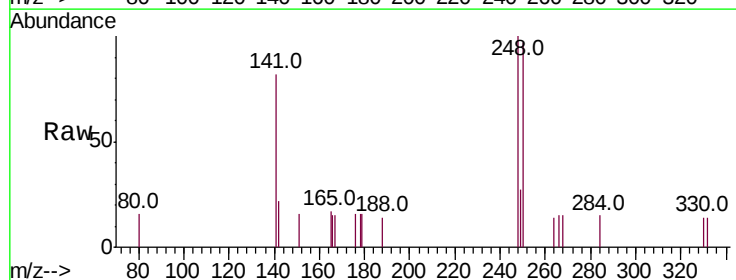
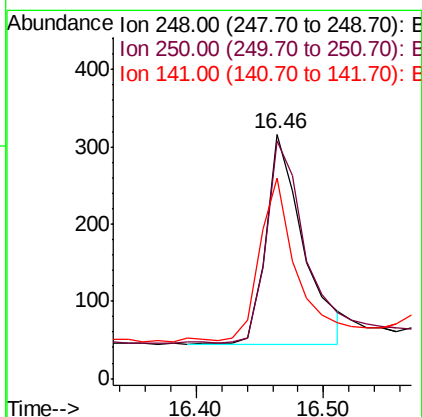
RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

Tgt Ion:	248	Resp:	557
Ion Ratio	Lower	Upper	
248	100		
250	97.2	71.0	106.6
141	82.3	62.1	93.1





#21

Hexachlorobenzene

Concen: 0.214 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

Instrument :

BNA_E

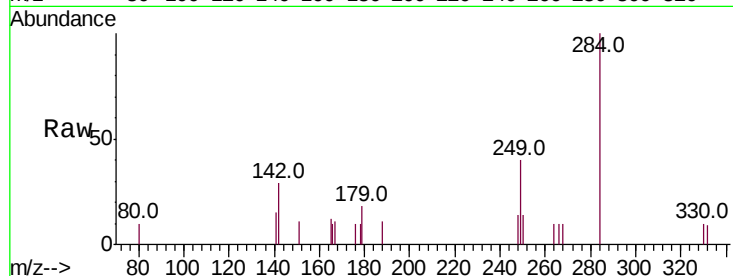
ClientSampleId :

PB115633BSD

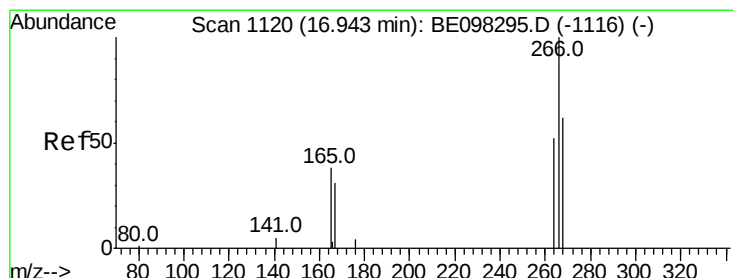
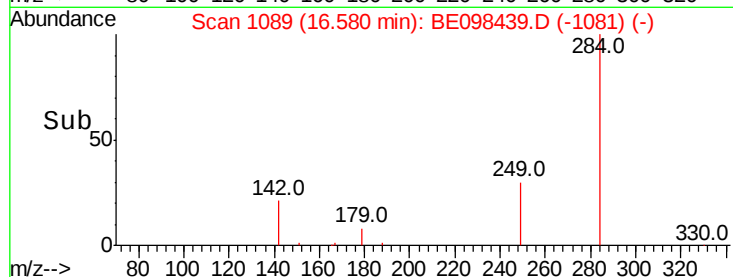
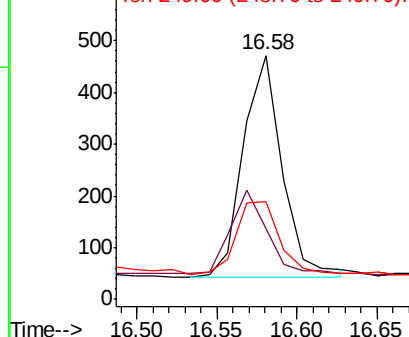
Tot Ion:	284	Resp:	722
Ion Ratio	Lower	Upper	
284	100		
142	34.3	26.3	39.5
249	36.3	26.0	39.0

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.142 ng

RT: 16.95 min Scan# 1121

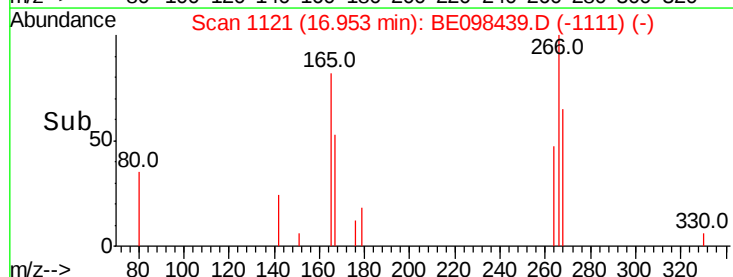
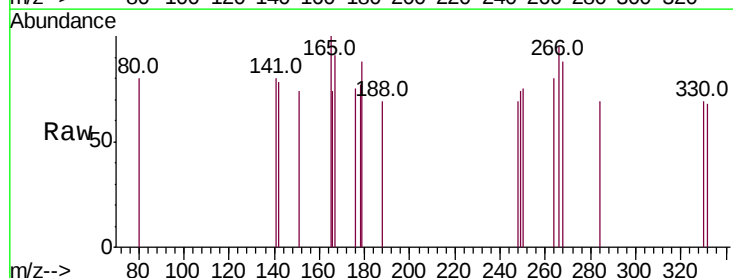
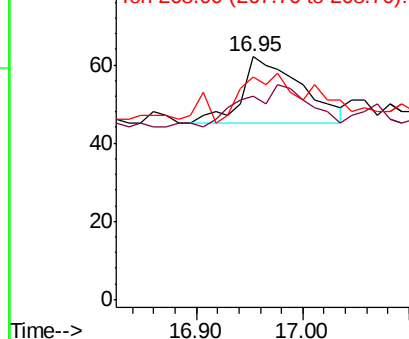
Delta R.T. 0.01 min

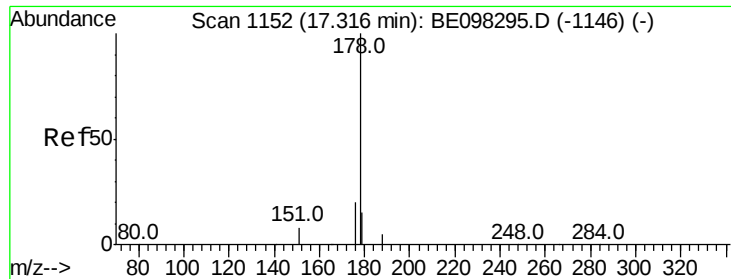
Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

Tgt Ion:	266	Resp:	66
Ion Ratio	Lower	Upper	
266	100		
264	83.9	59.0	88.4
268	91.9	55.1	82.7#

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





#23

Phenanthrene

Concen: 0.231 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098439.D

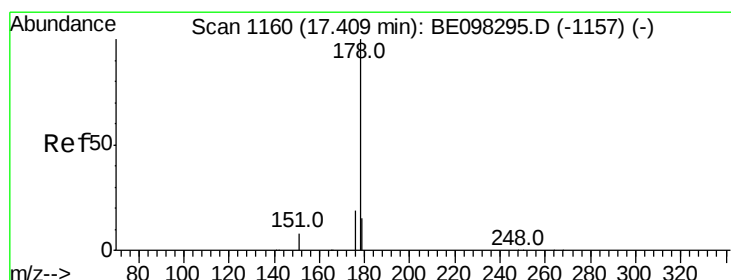
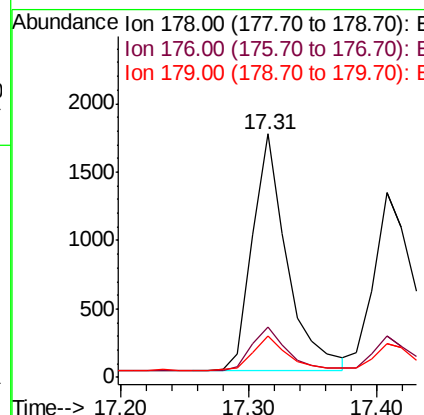
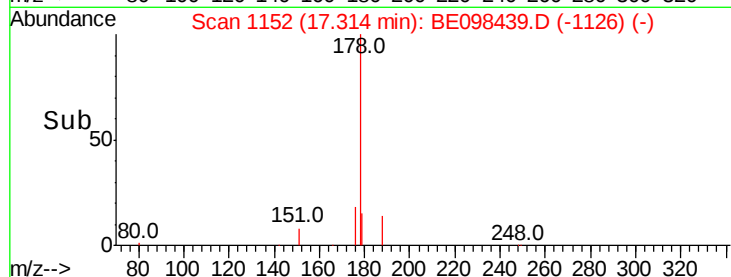
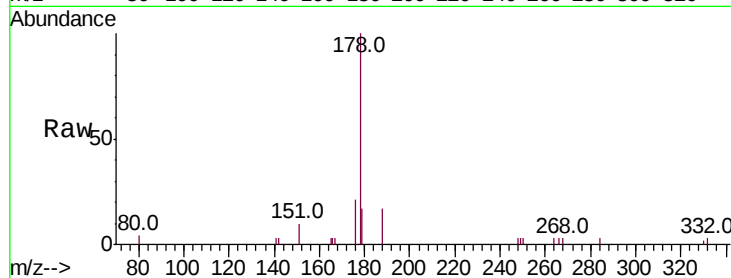
Acq: 14 Dec 2018 17:11

Instrument :
BNA_E
ClientSampleId :
PB115633BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	14.1	12.3	18.5

Manual Integrations
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#24

Anthracene

Concen: 0.201 ng

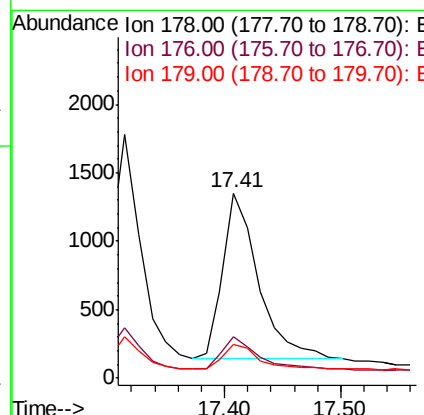
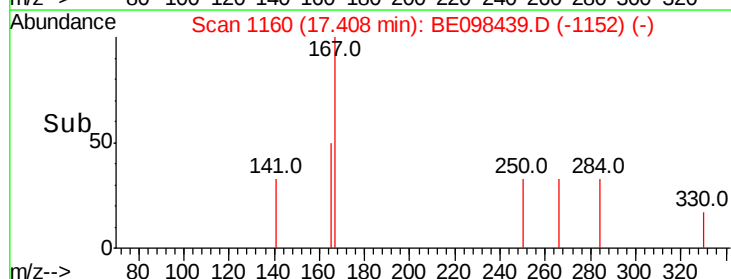
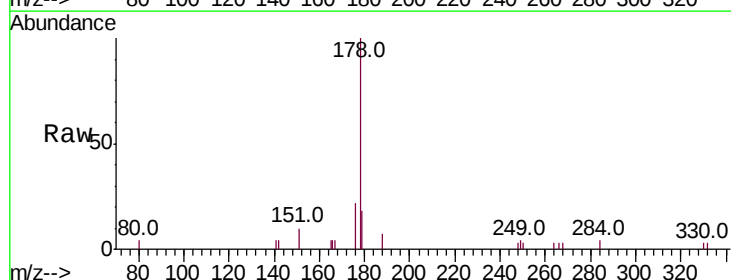
RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	14.4	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.257 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

Instrument :

BNA_E

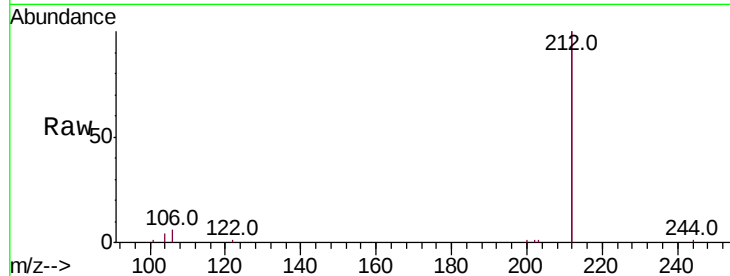
ClientSampleId :

PB115633BSD

Tot Ion:	212	Resp:	19208
Ion Ratio	Lower	Upper	
212	100		
106	2.5	2.2	3.2
104	1.5	1.3	1.9

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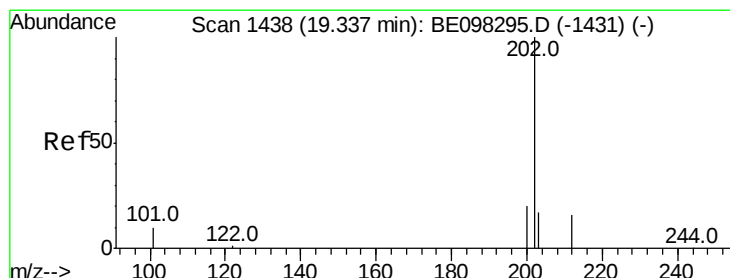
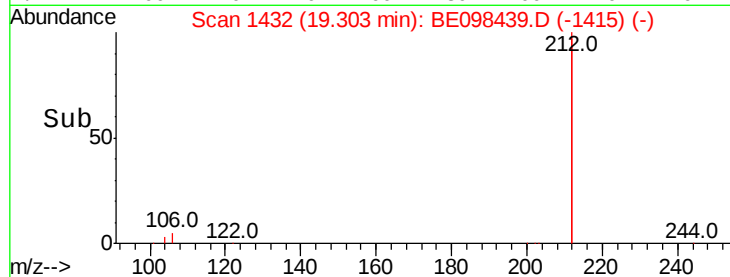
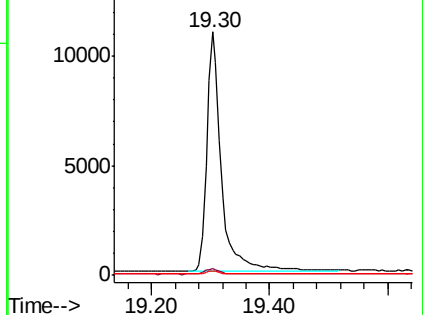
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Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.256 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE098439.D

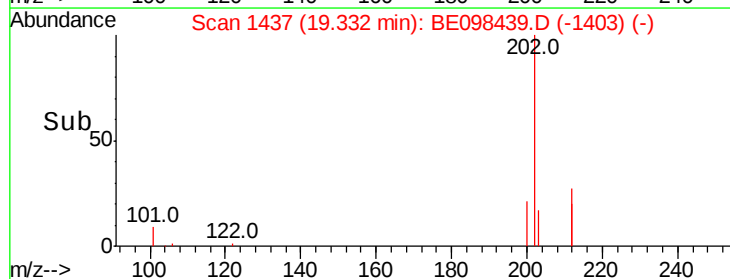
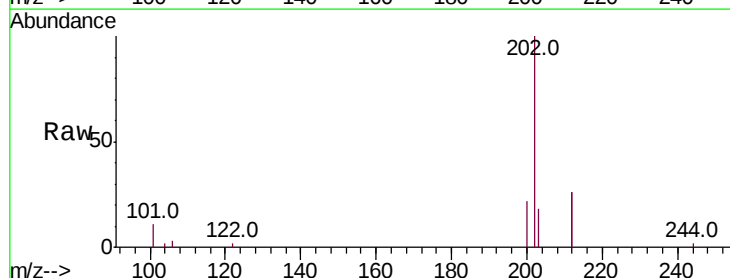
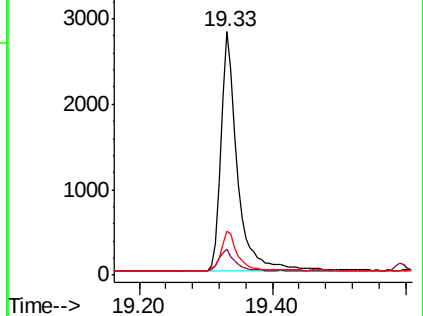
Acq: 14 Dec 2018 17:11

Tgt Ion:	202	Resp:	4804
Ion Ratio	Lower	Upper	
202	100		
101	8.9	8.0	12.0
203	15.8	13.8	20.6

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





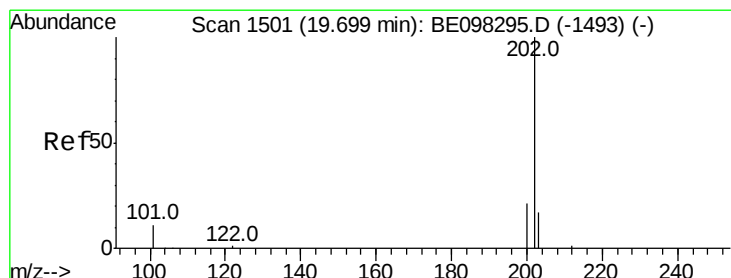
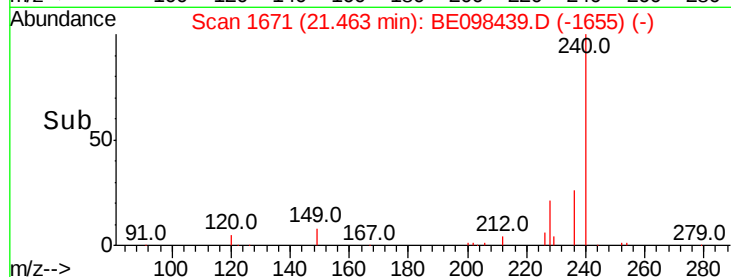
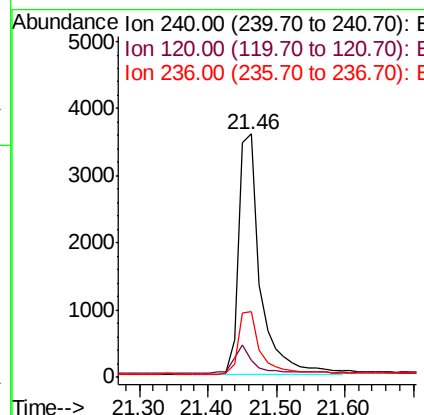
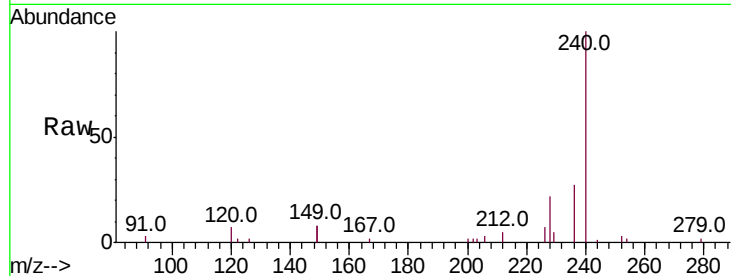
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

Instrument :
BNA_E
ClientSampleId :
PB115633BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.9	9.5	14.3#
236	27.2	22.7	34.1

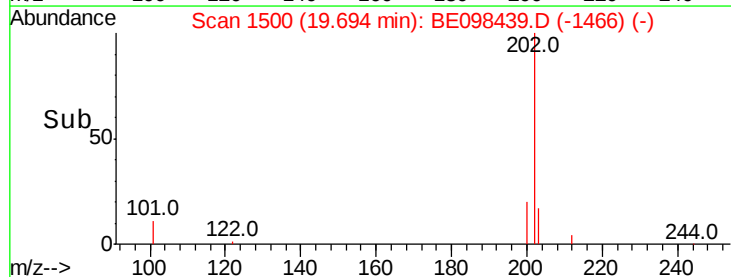
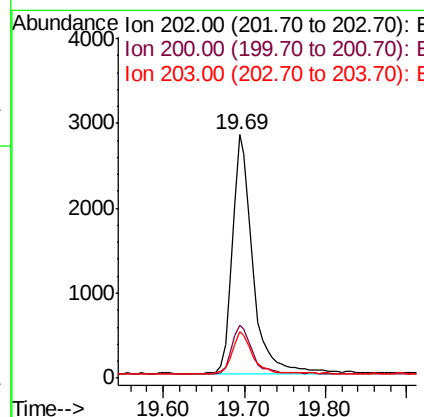
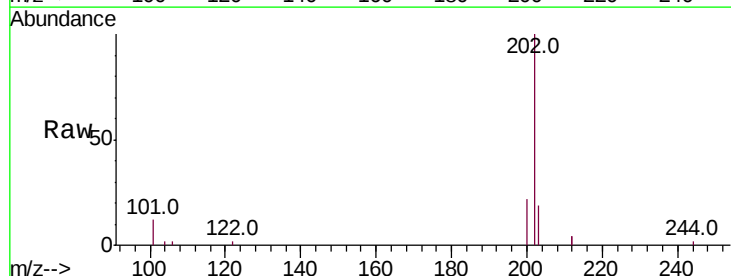
Manual Integrations
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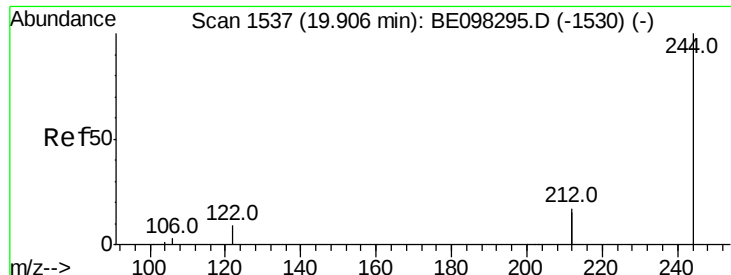
Sohil
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#28
Pyrene
Concen: 0.197 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.8	14.1	21.1





#29

Terphenyl-d14

Concen: 0.181 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

Instrument :

BNA_E

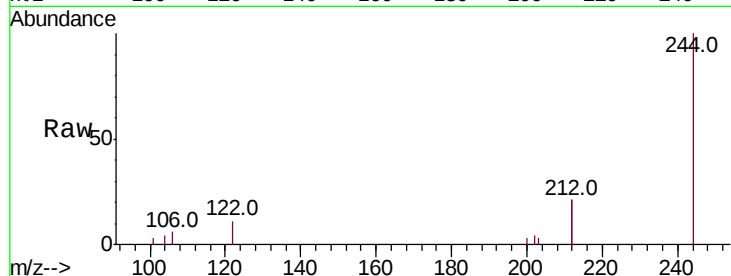
ClientSampleId :

PB115633BSD

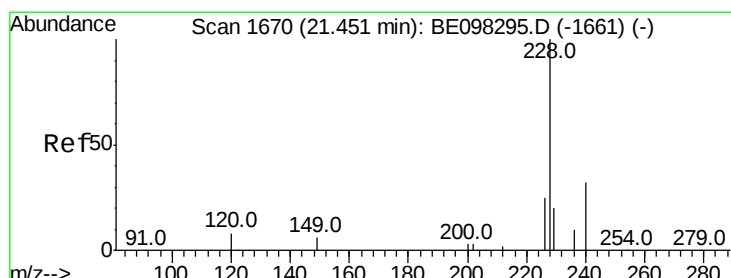
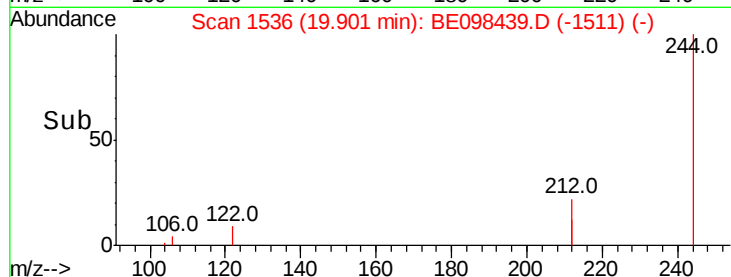
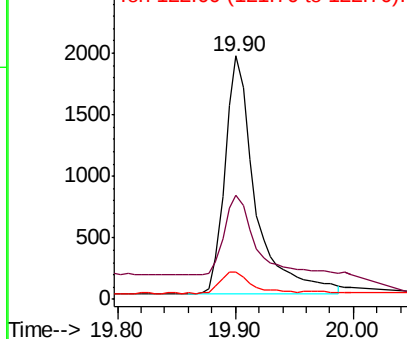
Tot Ion:	244	Resp:	3458
Ion Ratio	Lower	Upper	
244	100		
212	42.8	27.4	41.0#
122	11.2	8.3	12.5

Manual Integrations
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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



#30

Benzo(a)anthracene

Concen: 0.223 ng

RT: 21.44 min Scan# 1669

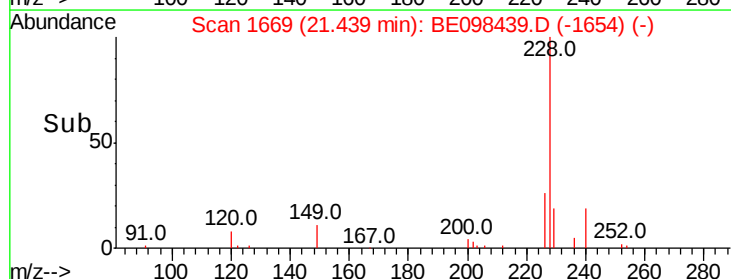
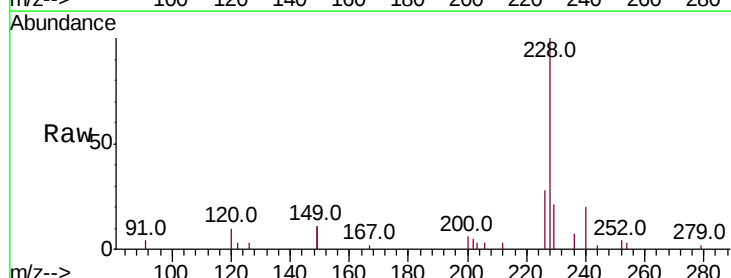
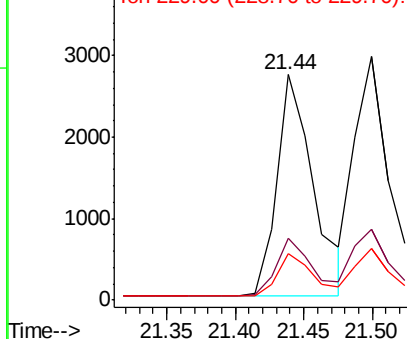
Delta R.T. -0.01 min

Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

Tgt Ion:	228	Resp:	5009
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.8	32.8
229	20.6	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





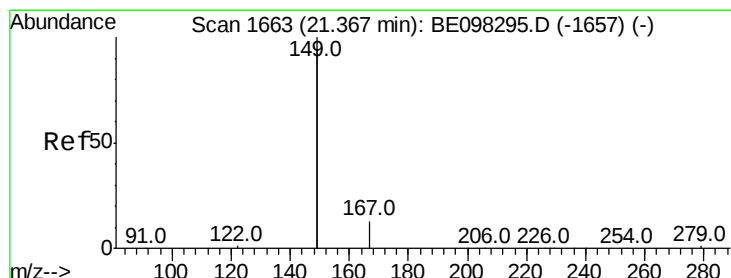
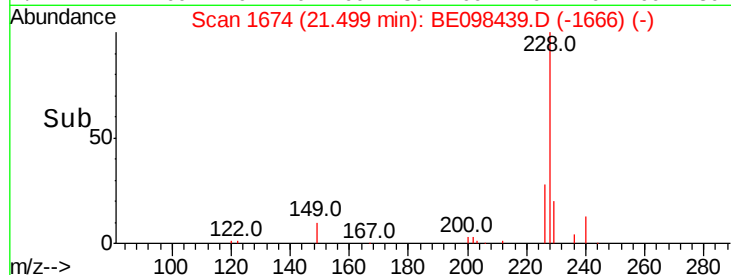
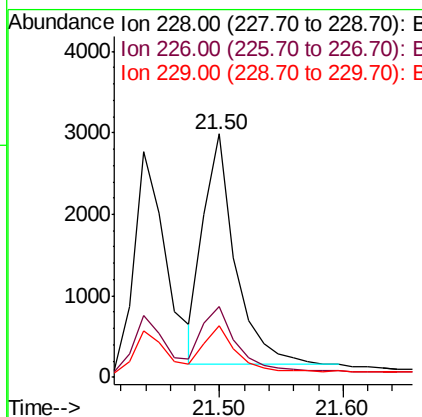
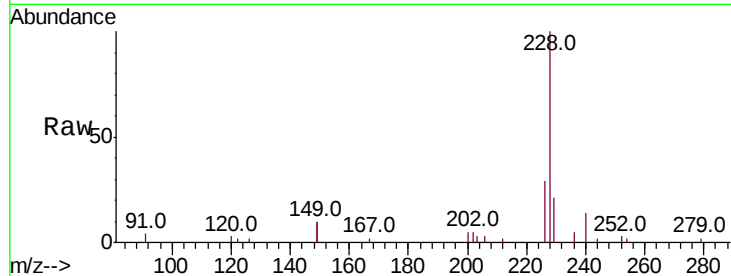
#31
Chrysene
Concen: 0.218 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

Instrument :
BNA_E
ClientSampleId :
PB115633BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.0
229	21.0	16.2	24.4

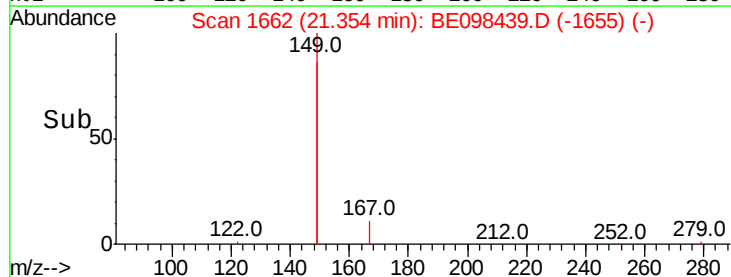
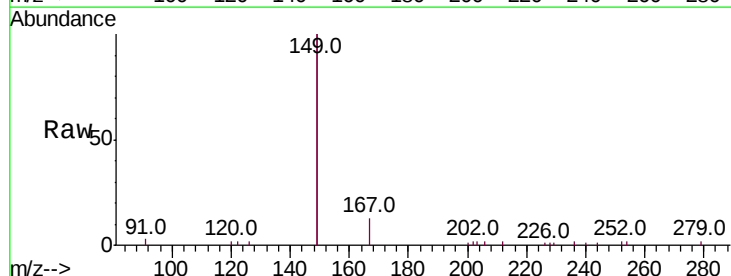
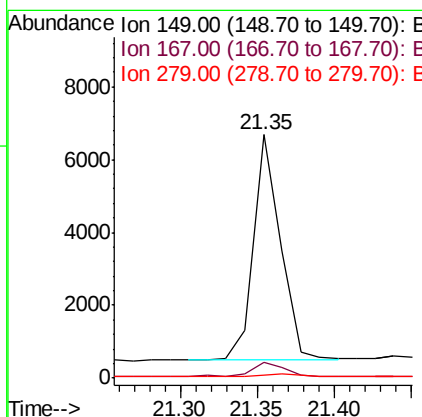
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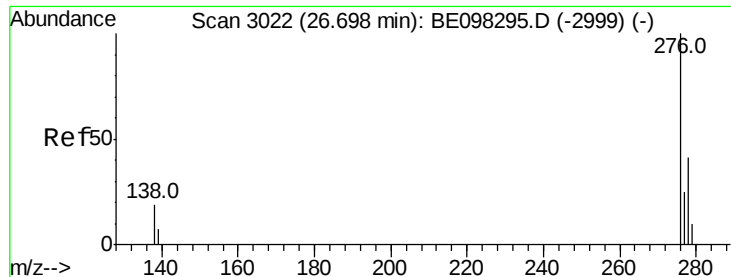
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.164 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.7	8.5
279	1.0	1.0	1.4





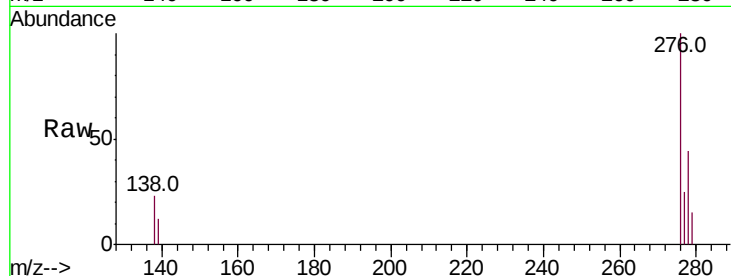
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.230 ng
RT: 26.69 min Scan# 3020
Delta R.T. -0.01 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

Instrument :
BNA_E
ClientSampleId :
PB115633BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.6	16.3	24.5#
277	21.9	20.2	30.4

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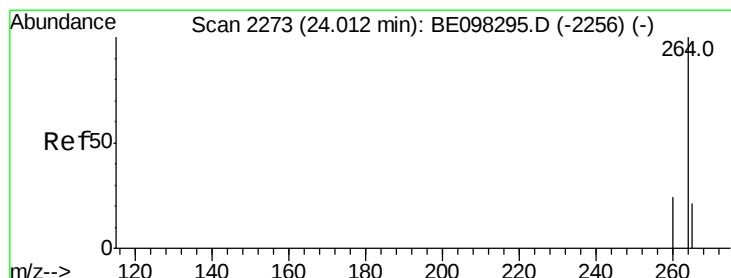
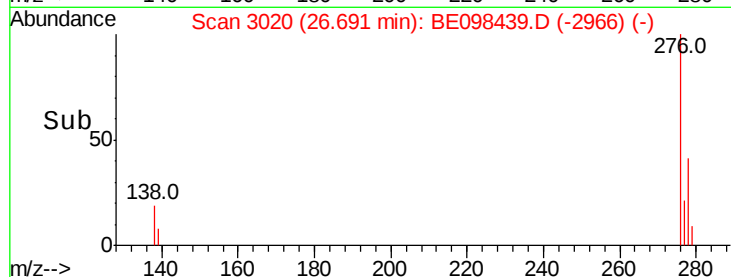
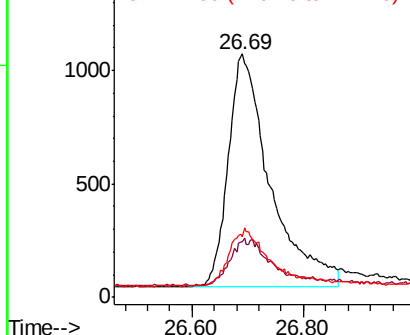


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

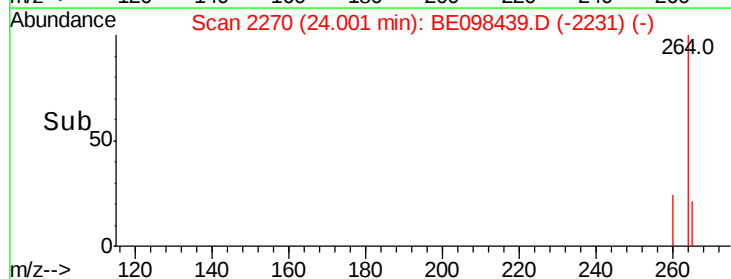
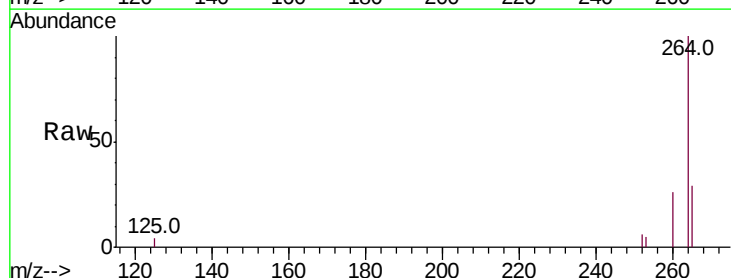
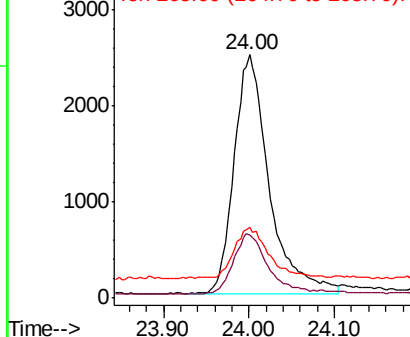
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.2
265	29.2	25.2	37.8

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





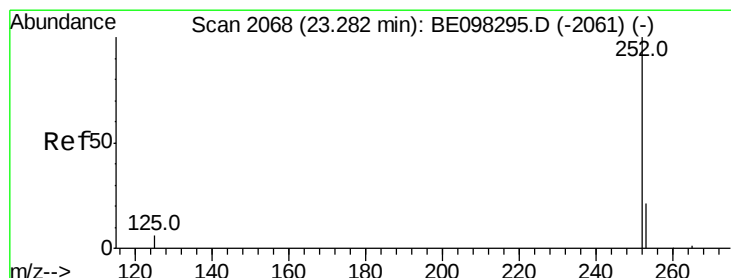
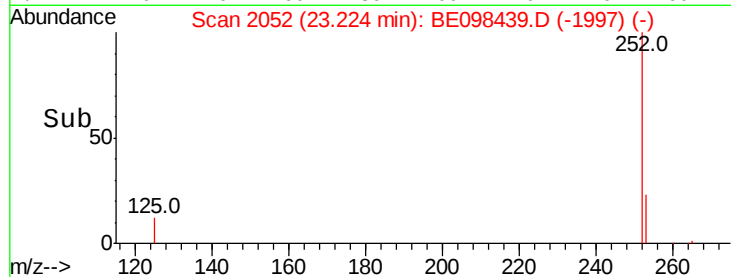
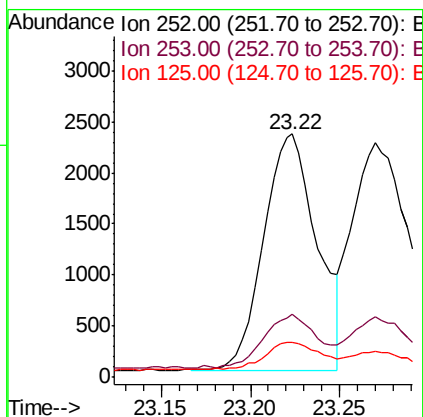
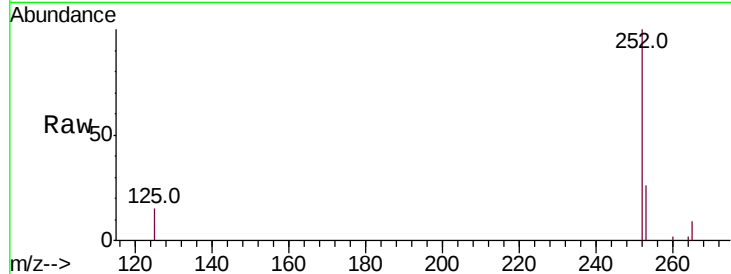
#35
Benzo(b)fluoranthene
Concen: 0.251 ng m
RT: 23.22 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

Instrument :
BNA_E
ClientSampleId :
PB115633BSD

Tot Ion:252 Resp: 4882
Ion Ratio Lower Upper
252 100
253 26.1 20.0 30.0
125 14.5 9.6 14.4#

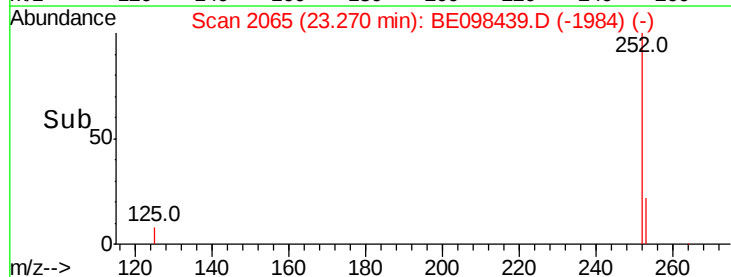
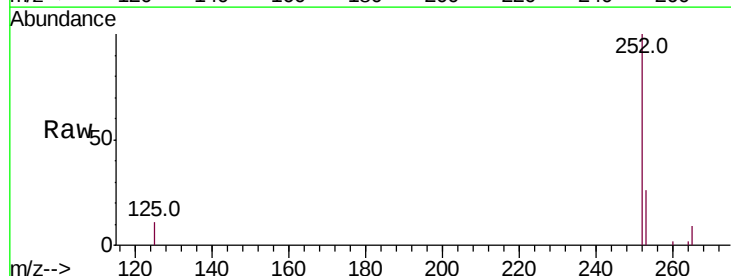
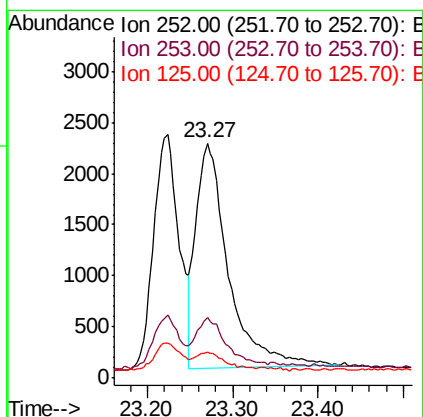
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#36
Benzo(k)fluoranthene
Concen: 0.255 ng
RT: 23.27 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

Tgt Ion:252 Resp: 5775
Ion Ratio Lower Upper
252 100
253 25.6 19.0 28.6
125 11.4 9.1 13.7





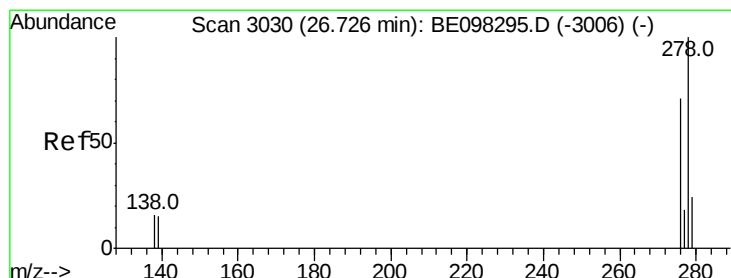
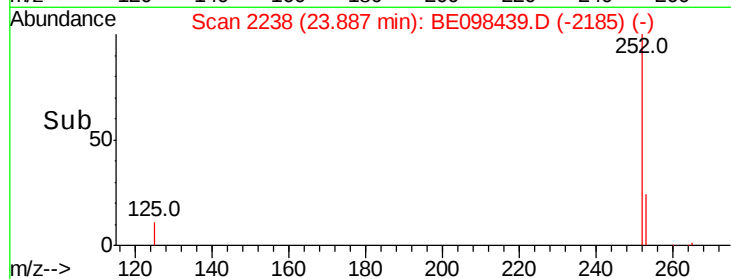
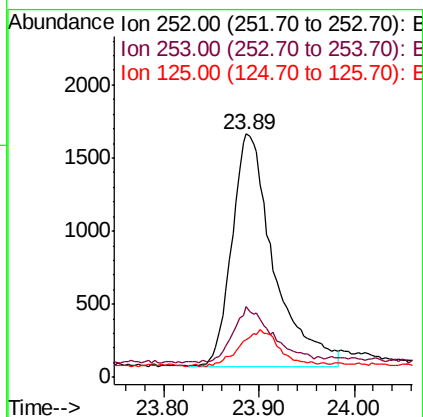
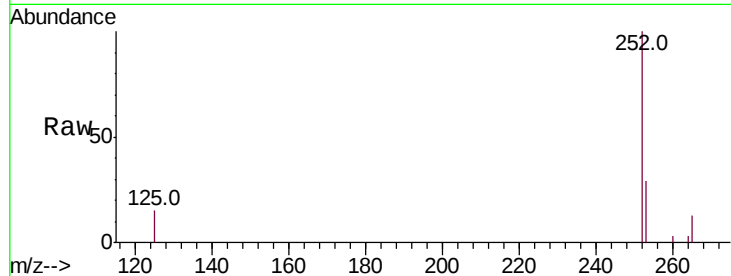
#37
Benzo(a)pyrene
Concen: 0.243 ng
RT: 23.89 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

Instrument :
BNA_E
ClientSampleId :
PB115633BSD

Tot Ion:	252	Resp:	4869
Ion Ratio	Lower	Upper	
252	100		
253	29.1	20.6	30.8
125	15.3	10.5	15.7

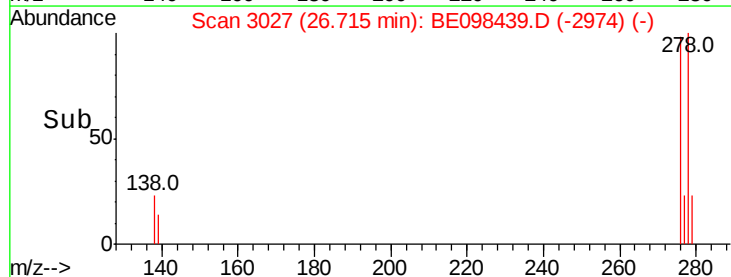
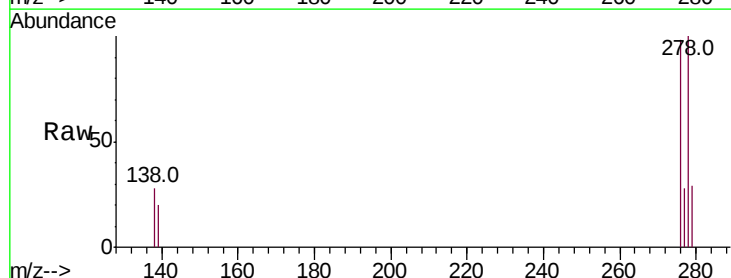
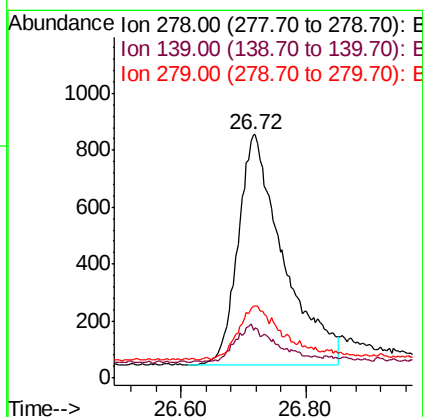
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#38
Dibenzo(a,h)anthracene
Concen: 0.216 ng
RT: 26.72 min Scan# 3027
Delta R.T. -0.01 min
Lab File: BE098439.D
Acq: 14 Dec 2018 17:11

Tgt Ion:	278	Resp:	4080
Ion Ratio	Lower	Upper	
278	100		
139	19.8	14.5	21.7
279	29.4	21.8	32.8





#39

Benzo(a,h,i)perylene

Concen: 0.233 ng

RT: 27.51 min Scan# 3250

Delta R.T. -0.01 min

Lab File: BE098439.D

Acq: 14 Dec 2018 17:11

Instrument :

BNA_E

ClientSampleId :

PB115633BSD

Tot Ion:	276	Resp:	4438
Ion Ratio	Lower	Upper	
276	100		
277	26.2	20.8	31.2
138	22.4	15.8	23.6

Manual Integrations
APPROVED

Sohil
12/17/2018 4:10:14 PM

