

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
 Data File : BE098995.D
 Acq On : 18 Mar 2019 11:34
 Operator : JU/SJ
 Sample : PB117963BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117963BS

Manual Integrations
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Sohil
 3/19/2019 5:25:21 PM

Quant Time: Mar 19 06:34:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	811	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3794	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2472	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6199	0.40	ng	0.00
27) Chrysene-d12	21.39	240	6544	0.40	ng	-0.01
34) Perylene-d12	23.90	264	6222	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	670	0.28	ng	0.02
5) Phenol-d6	7.00	99	1231	0.36	ng	0.01
8) Nitrobenzene-d5	8.98	82	1654	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2773	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	324	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5854	0.57	ng	0.00
25) Fluoranthene-d10	19.24	212	32230	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	19441	1.22	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	583	0.363	ng	92
3) n-Nitrosodimethylamine	3.66	42	508m	0.249	ng	
6) bis(2-Chloroethyl)ether	7.24	93	746	0.282	ng	90
9) Naphthalene	10.64	128	17418	0.401	ng	99
10) Hexachlorobutadiene	10.91	225	1104	0.384	ng	94
12) 2-Methylnaphthalene	12.27	142	2631	0.373	ng	98
16) Acenaphthylene	14.18	152	4868	0.383	ng	98
17) Acenaphthene	14.51	154	3022	0.401	ng	99
18) Fluorene	15.50	166	4175	0.384	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1429	0.425	ng	93
21) Hexachlorobenzene	16.52	284	1574	0.394	ng	97
22) Pentachlorophenol	16.93	266	74	0.319	ng	98
23) Phenanthrene	17.25	178	6612	0.375	ng	98
24) Anthracene	17.35	178	4885	0.324	ng	99
26) Fluoranthene	19.27	202	8471	0.341	ng	99
28) Pyrene	19.63	202	8663	0.433	ng	99
30) Benzo(a)anthracene	21.38	228	7494	0.367	ng	99
31) Chrysene	21.44	228	8465	0.387	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	11928	0.274	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	7126	0.309	ng	100
35) Benzo(b)fluoranthene	23.13	252	8077m	0.395	ng	
36) Benzo(k)fluoranthene	23.18	252	9086	0.424	ng	99
37) Benzo(a)pyrene	23.79	252	7795	0.397	ng	# 91
38) Dibenzo(a,h)anthracene	26.57	278	5370	0.289	ng	96
39) Benzo(g,h,i)perylene	27.34	276	6809	0.351	ng	96

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

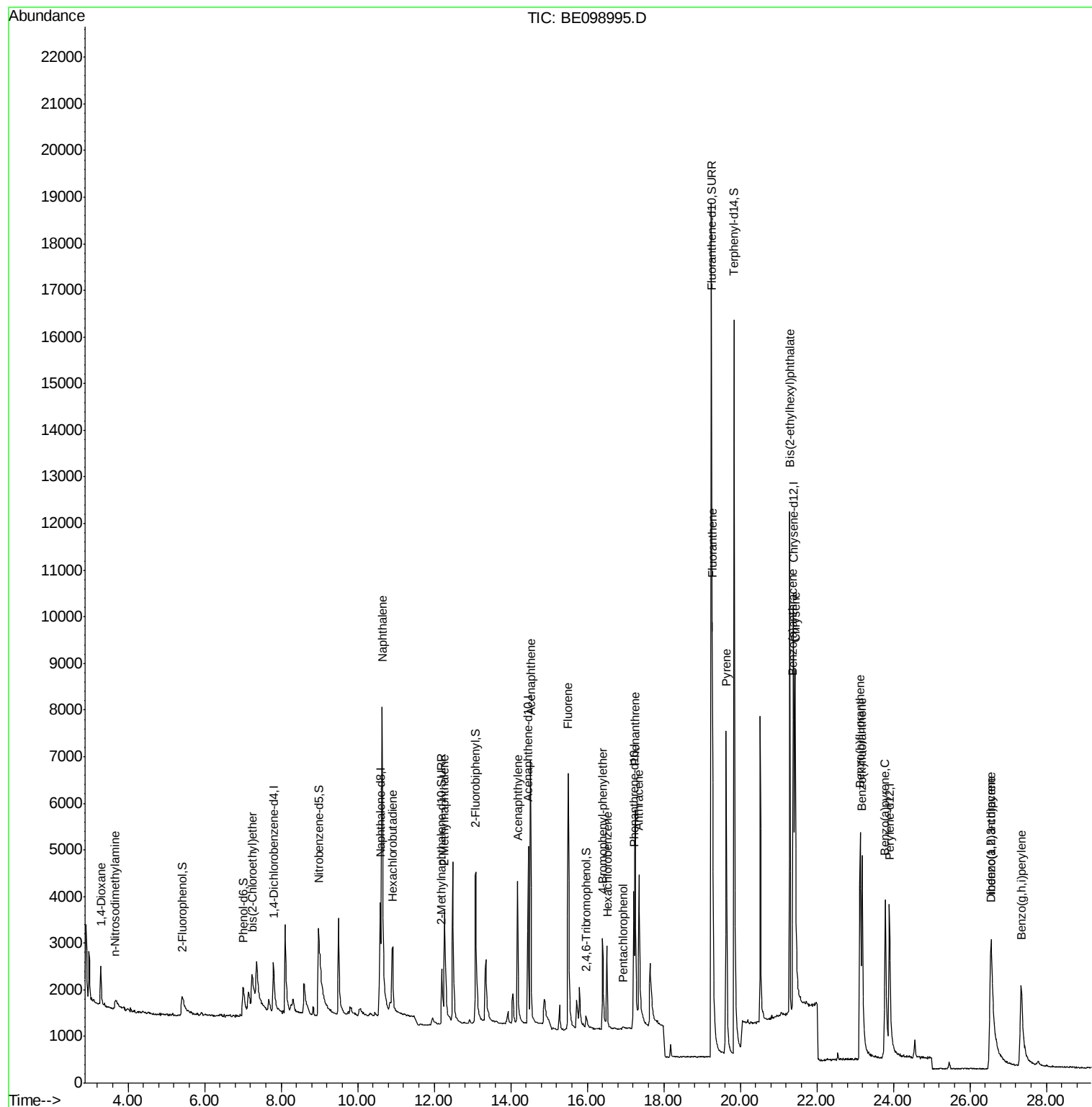
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
Data File : BE098995.D
Acq On : 18 Mar 2019 11:34
Operator : JU/SJ
Sample : PB117963BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

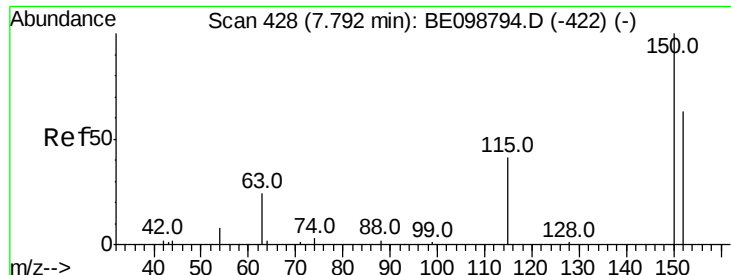
Instrument :
BNA_E
ClientSampleId :
PB117963BS

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Quant Time: Mar 19 06:34:28 2019
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#1

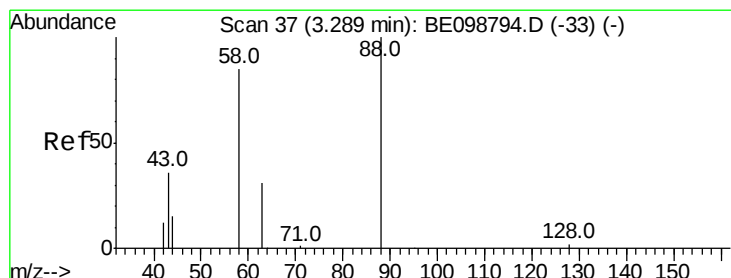
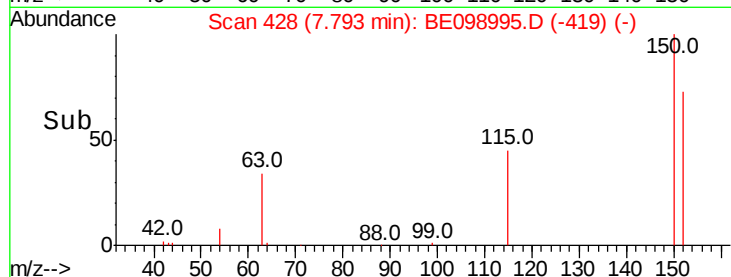
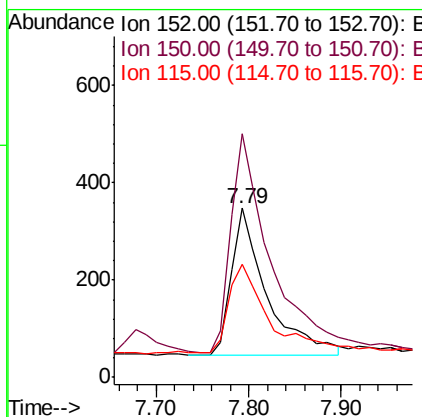
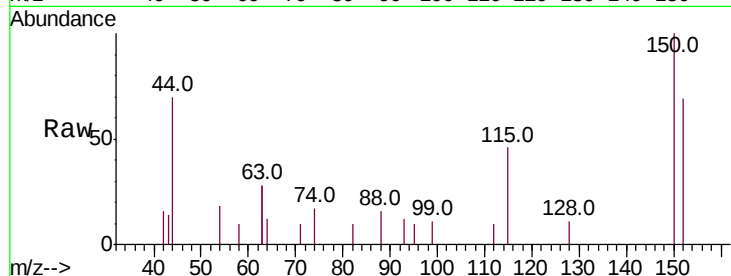
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Instrument :
BNA_E
ClientSampleId :
PB117963BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.0	122.5	183.7
115	66.7	57.4	86.2

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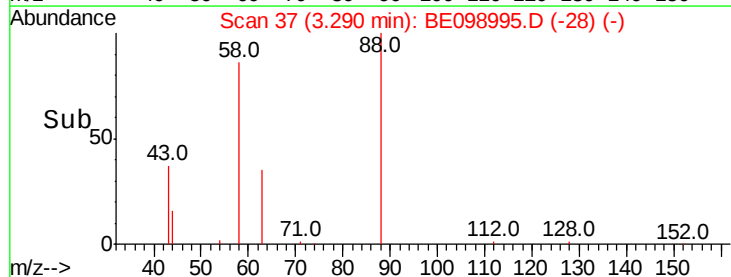
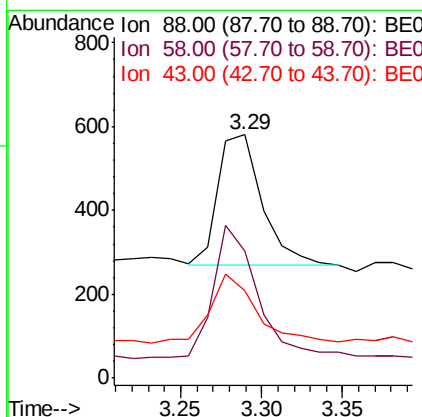
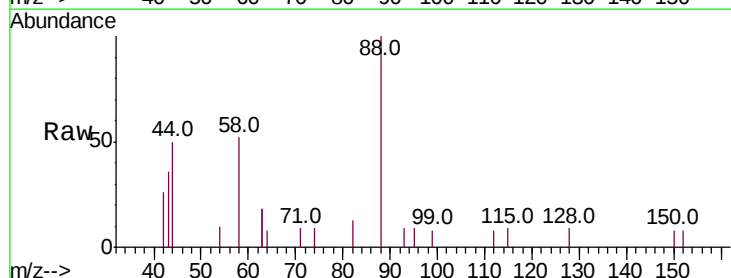
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#2

1,4-Dioxane
Concen: 0.363 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.7	75.8	113.6
43	57.3	41.8	62.8





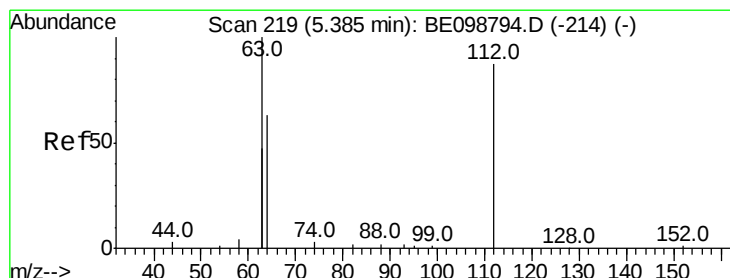
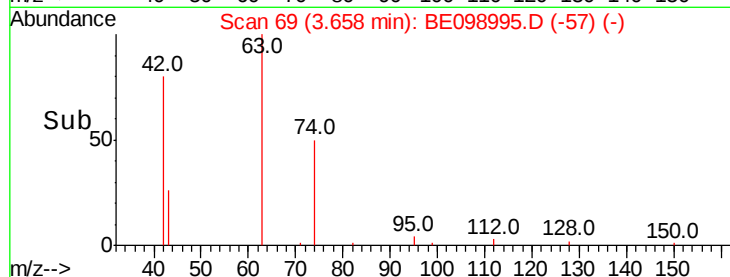
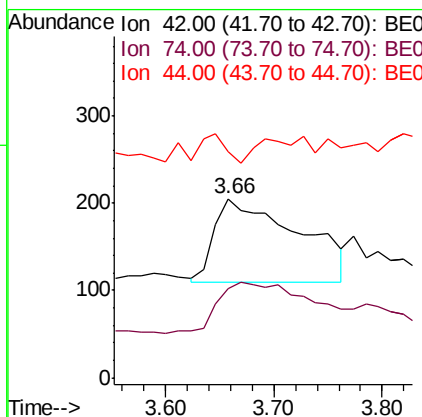
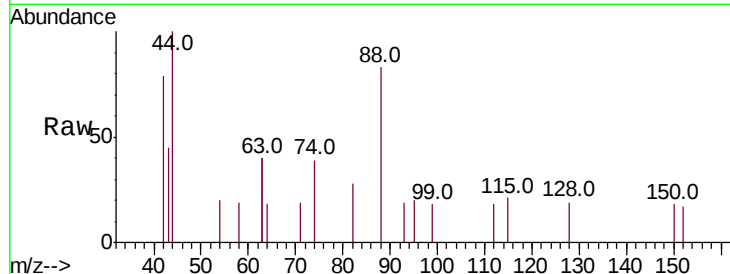
#3
n-Nitrosodimethylamine
Concen: 0.249 ng/ml
RT: 3.66 min Scan# 69
Delta R.T. 0.04 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Instrument :
BNA_E
ClientSampleId :
PB117963BS

Tot Ion:	42	Resp:	508
Ion Ratio	Lower	Upper	
42	100		
74	0.0	57.0	85.4#
44	0.0	0.0	0.0

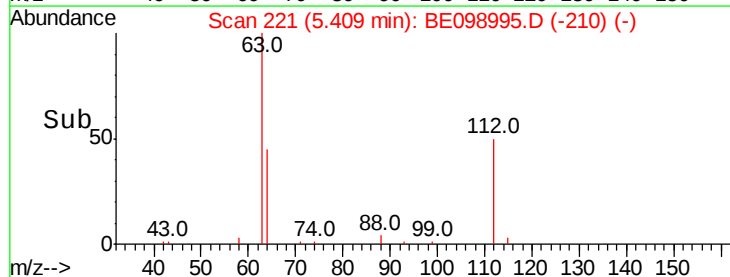
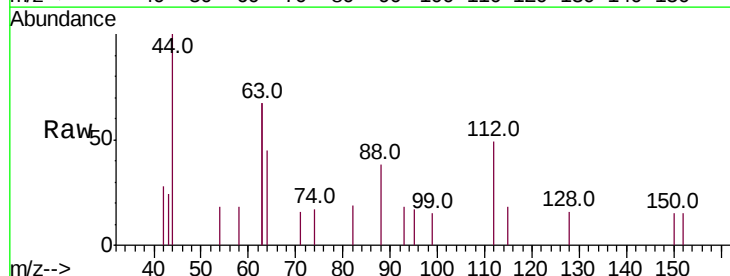
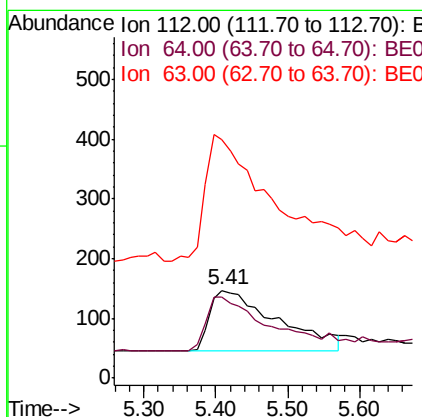
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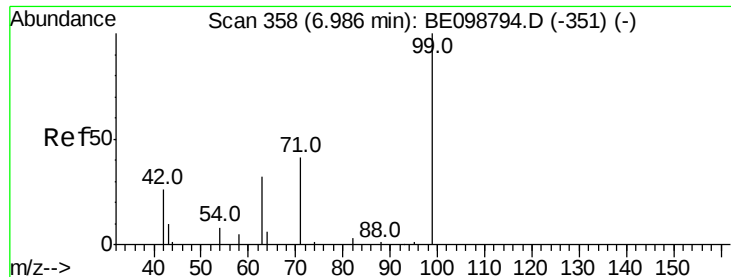
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#4
2-Fluorophenol
Concen: 0.276 ng/ml
RT: 5.41 min Scan# 221
Delta R.T. 0.02 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Tgt Ion:	112	Resp:	670
Ion Ratio	Lower	Upper	
112	100		
64	79.3	57.9	86.9
63	219.9	158.3	237.5





#5

Phenol-d6

Concen: 0.359 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

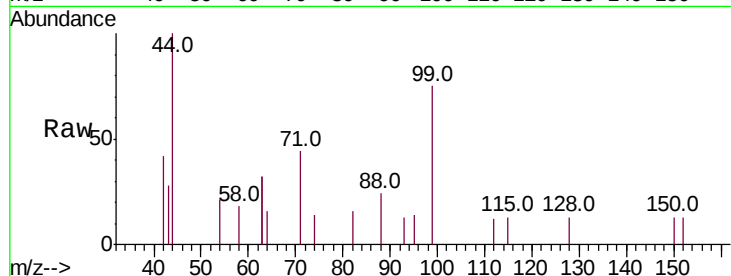
ClientSampled :

PB117963BS

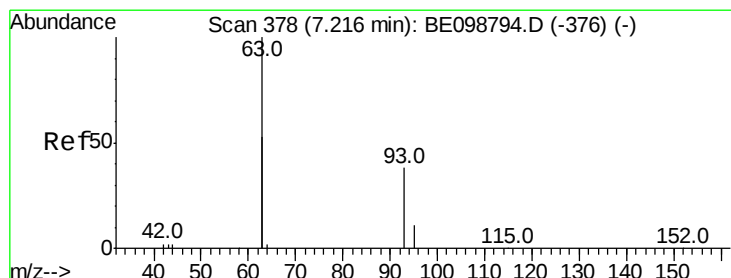
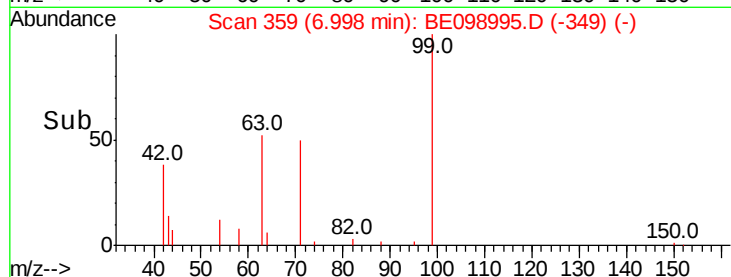
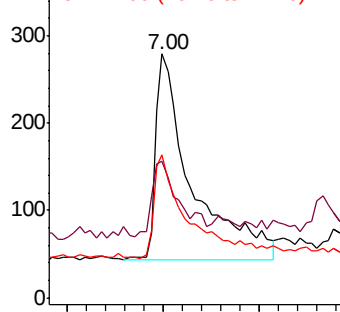
Tot Ion:	99	Resp:	1231
Ion Ratio	Lower	Upper	
99	100		
42	28.1	24.2	36.2
71	43.7	35.7	53.5

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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



#6

bis(2-Chloroethyl)ether

Concen: 0.282 ng

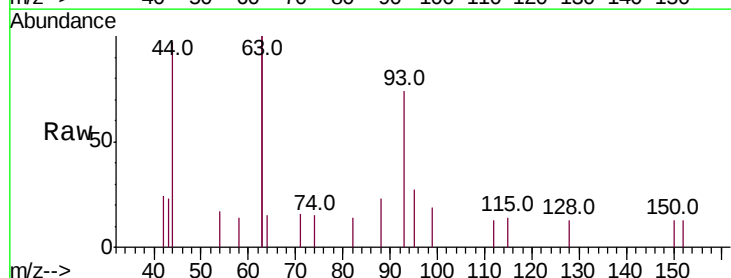
RT: 7.24 min Scan# 380

Delta R.T. 0.02 min

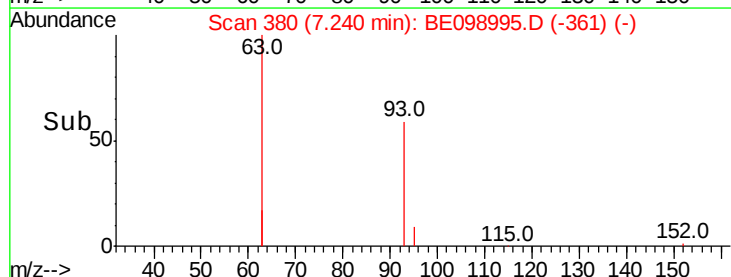
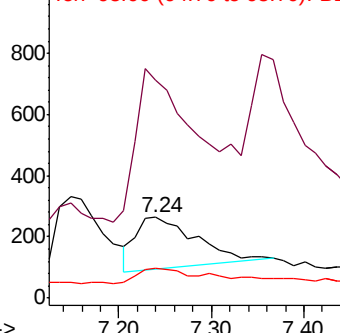
Lab File: BE098995.D

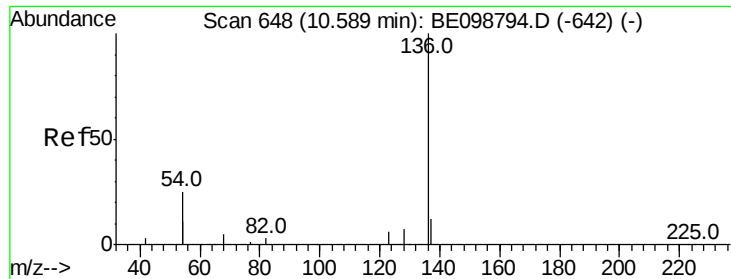
Acq: 18 Mar 2019 11:34

Tgt Ion:	93	Resp:	746
Ion Ratio	Lower	Upper	
93	100		
63	289.1	247.5	371.3
95	22.9	21.8	32.8



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

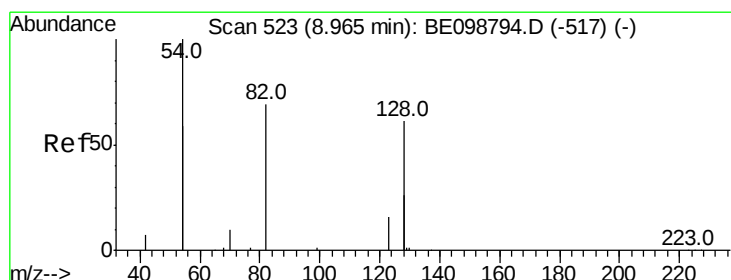
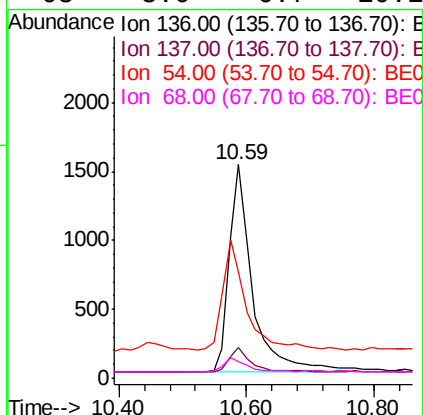
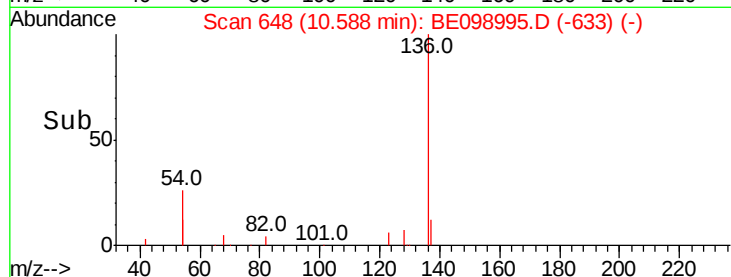
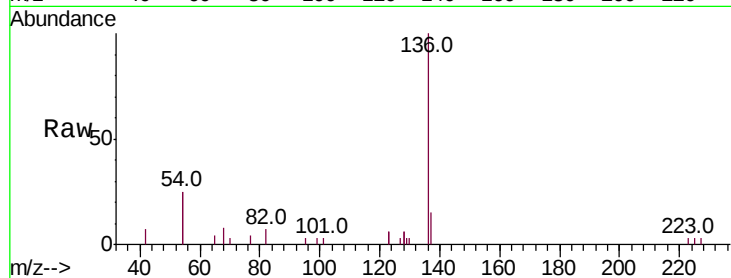
ClientSampleId :

PB117963BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	14.6	11.4	17.0
54	49.7	39.3	58.9
68	8.0	6.7	10.1

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#8

Nitrobenzene-d5

Concen: 0.416 ng

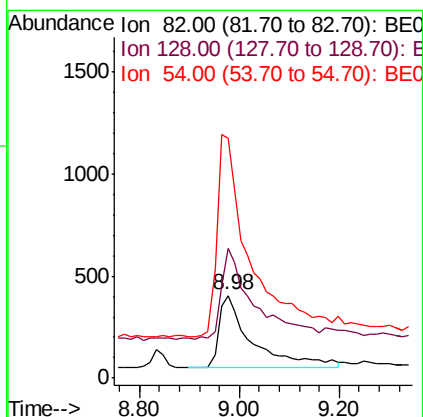
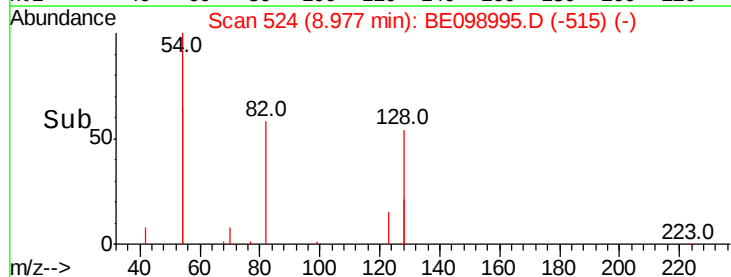
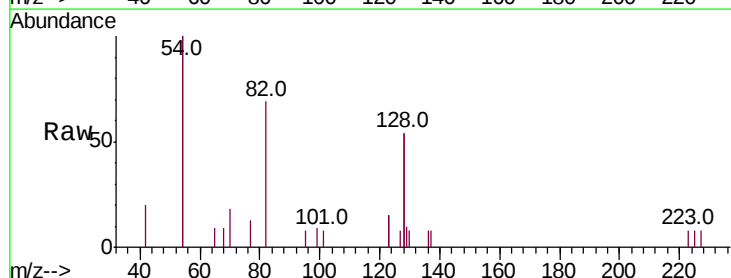
RT: 8.98 min Scan# 524

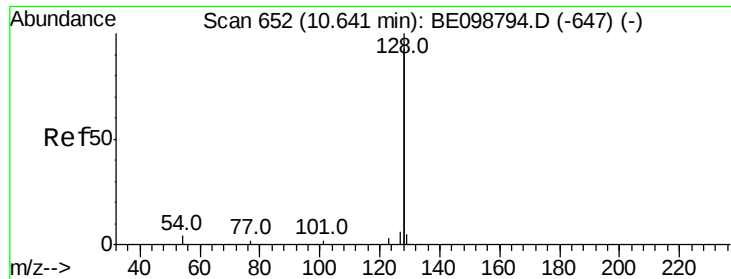
Delta R.T. 0.01 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Tgt Ion	Ratio	Lower	Upper
82	100		
128	157.1	123.8	185.8
54	289.7	203.4	305.2





#9

Naphthalene

Concen: 0.401 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

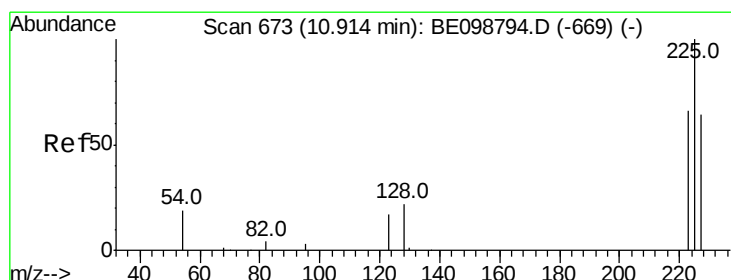
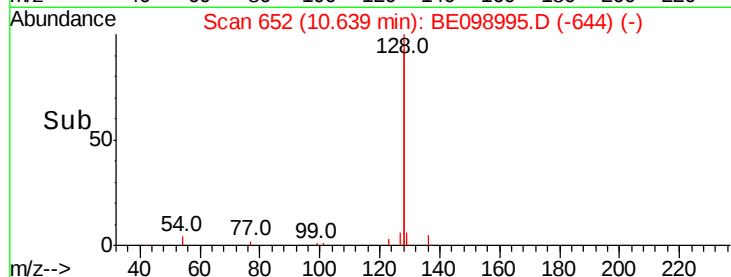
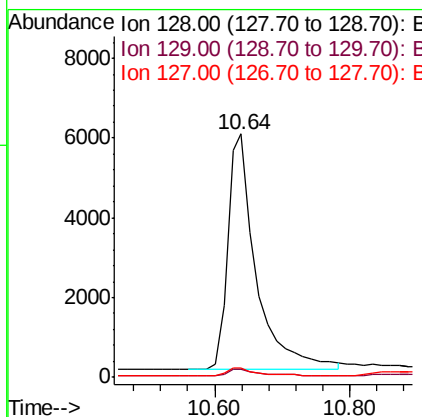
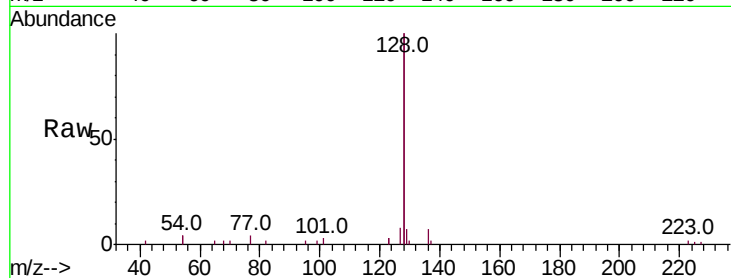
ClientSampleId :

PB117963BS

Tot Ion:	128	Resp:	17418
Ion Ratio	Lower	Upper	
128	100		
129	3.6	2.6	4.0
127	3.8	3.1	4.7

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#10

Hexachlorobutadiene

Concen: 0.384 ng

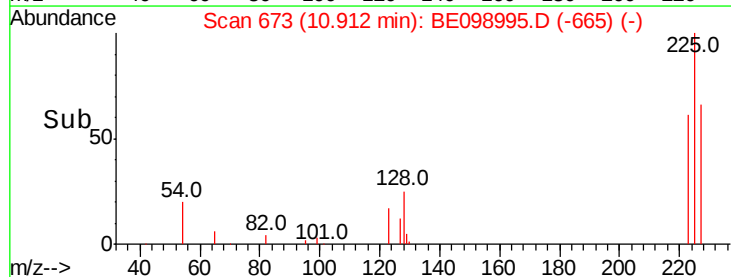
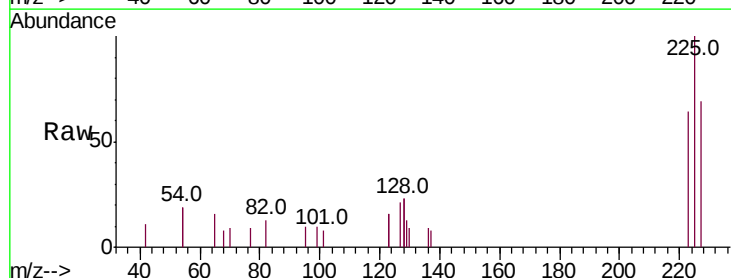
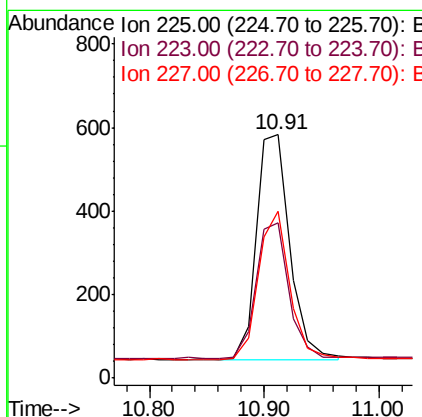
RT: 10.91 min Scan# 673

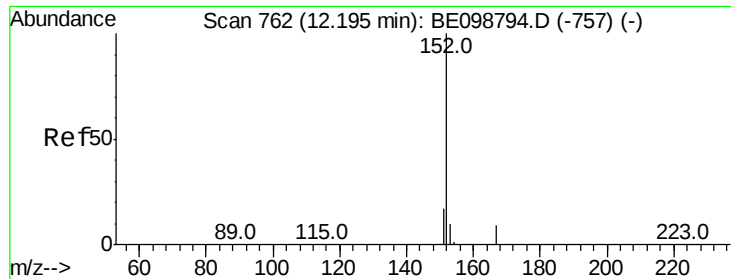
Delta R.T. -0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Tgt Ion:	225	Resp:	1104
Ion Ratio	Lower	Upper	
225	100		
223	58.0	51.1	76.7
227	61.7	51.6	77.4





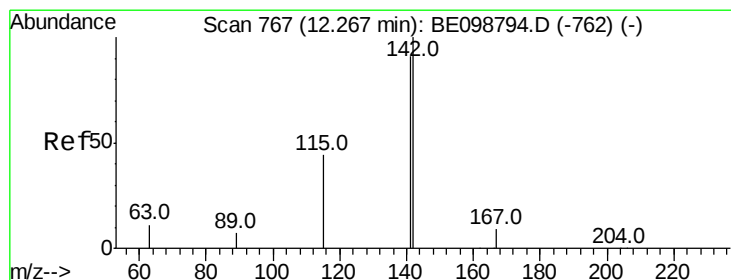
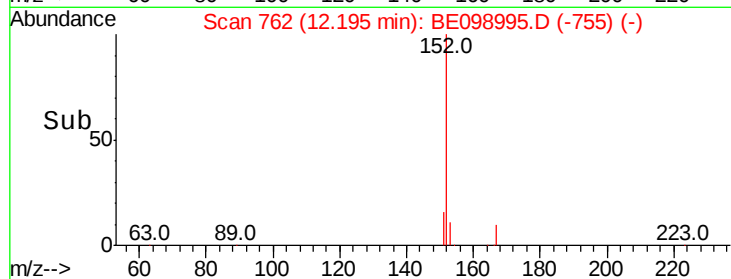
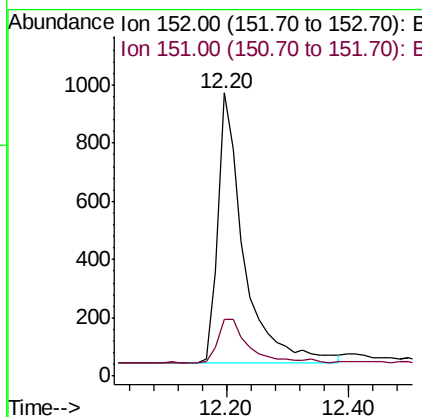
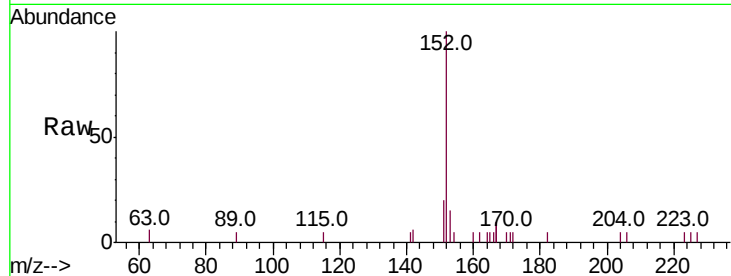
#11
 2-Methylnaphthalene-d10
 Concen: 0.395 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE098995.D
 Acq: 18 Mar 2019 11:34

Instrument :
 BNA_E
 ClientSampleId :
 PB117963BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.5	24.7

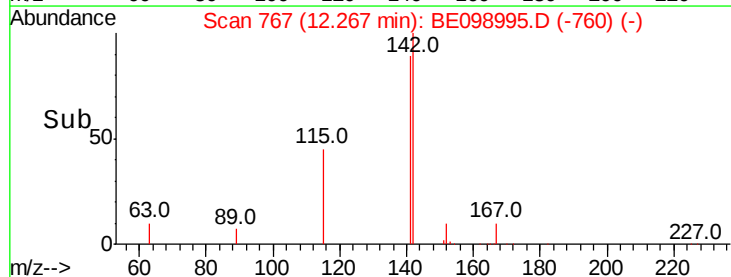
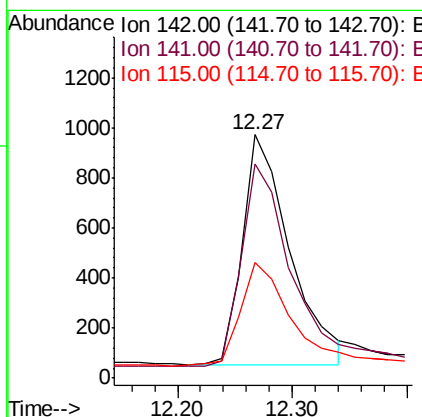
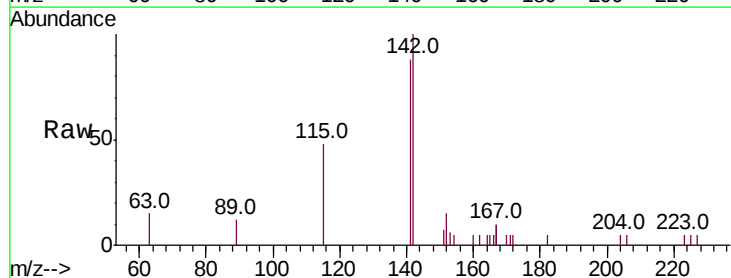
Manual Integrations
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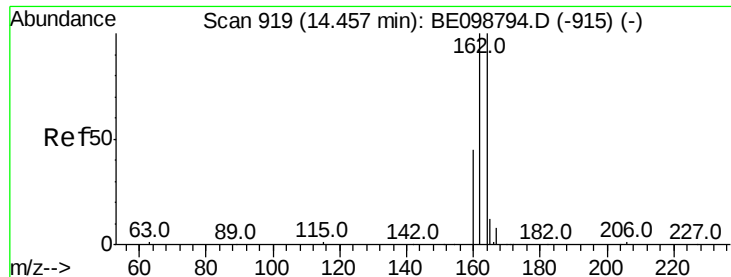
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#12
 2-Methylnaphthalene
 Concen: 0.373 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098995.D
 Acq: 18 Mar 2019 11:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.6	108.8
115	47.7	37.4	56.2





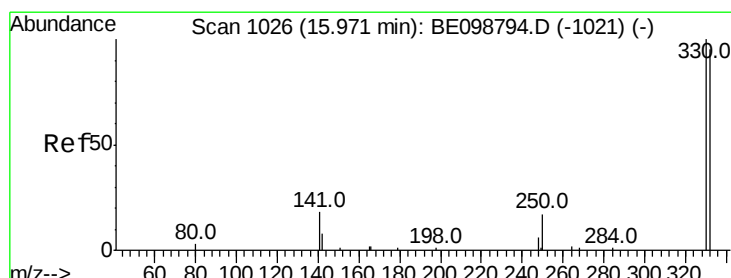
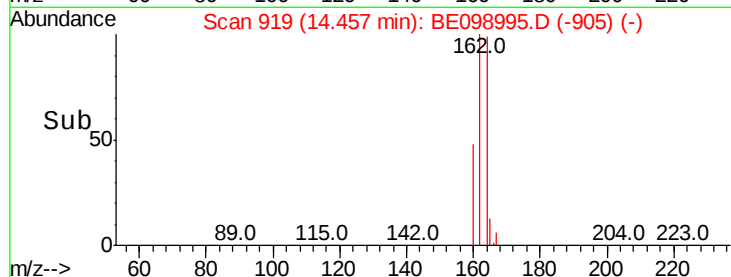
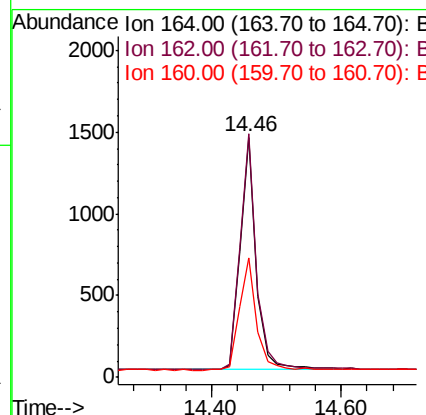
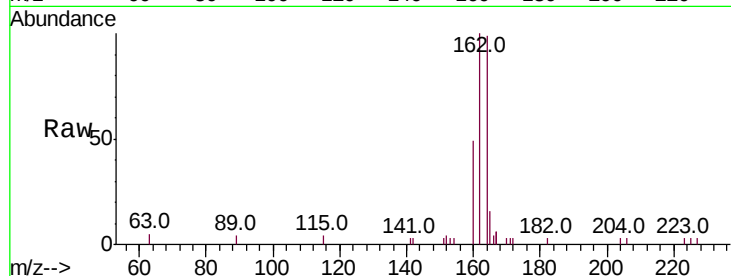
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Instrument :
BNA_E
ClientSampleId :
PB117963BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	49.8	37.8	56.8

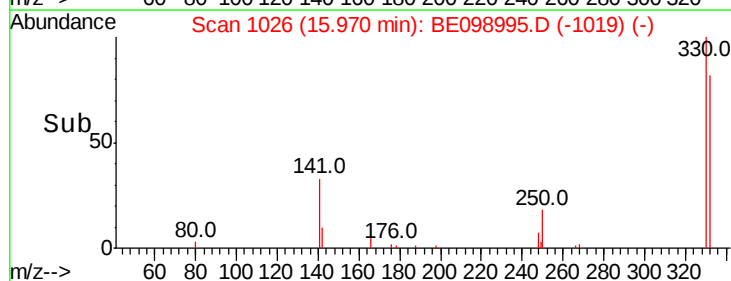
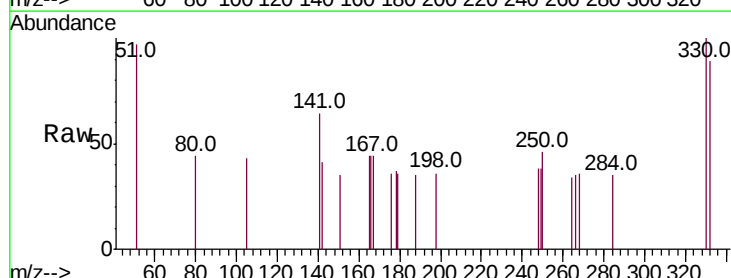
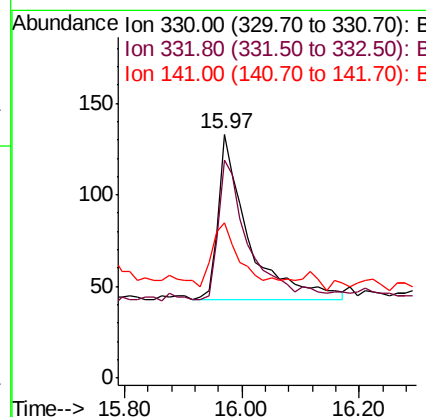
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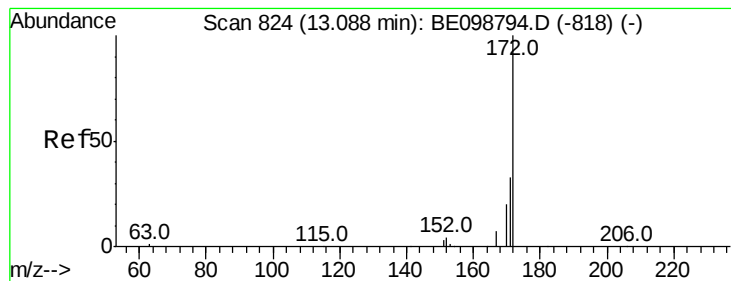
Sohil
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#14
2,4,6-Tribromophenol
Concen: 0.260 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	81.2	77.6	116.4
141	37.0	31.0	46.4





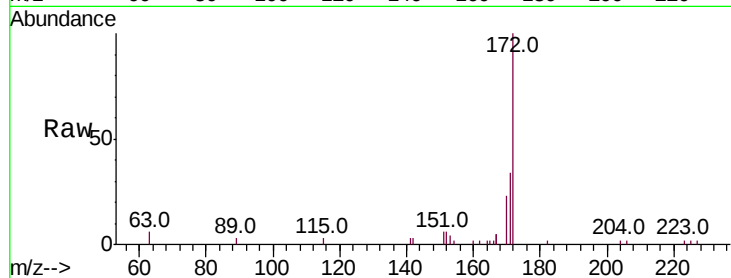
#15
2-Fluorobiphenyl
Concen: 0.572 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Instrument :
BNA_E
ClientSampled :
PB117963BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.0	42.0
170	23.5	17.7	26.5

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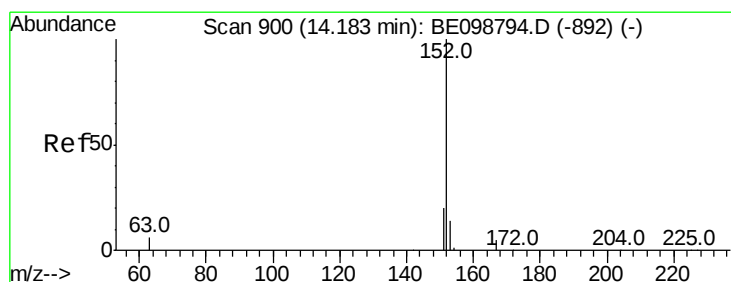
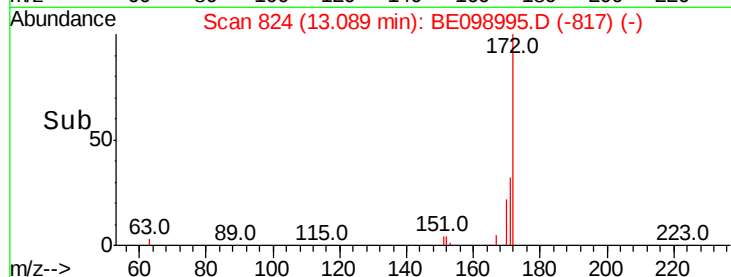
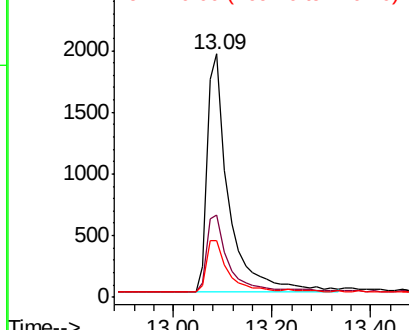


Abundance

Ion 172.00 (171.70 to 172.70): E

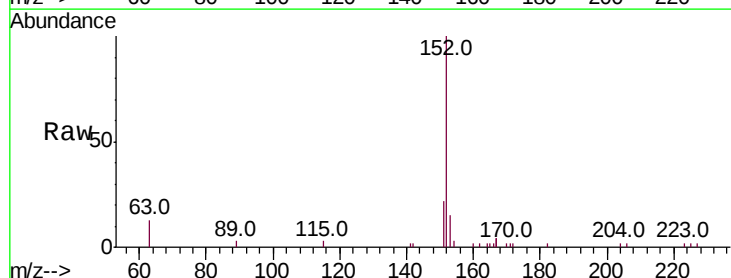
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.0	25.6
153	12.5	11.2	16.8

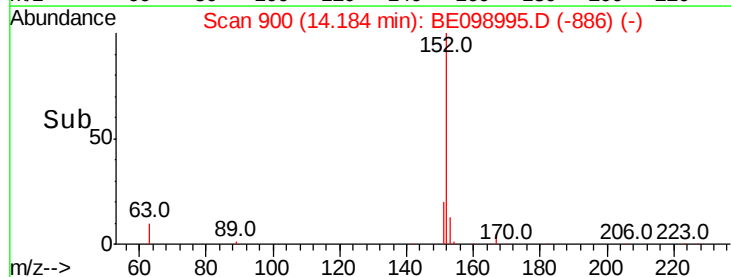
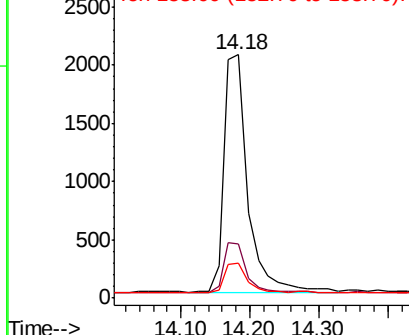


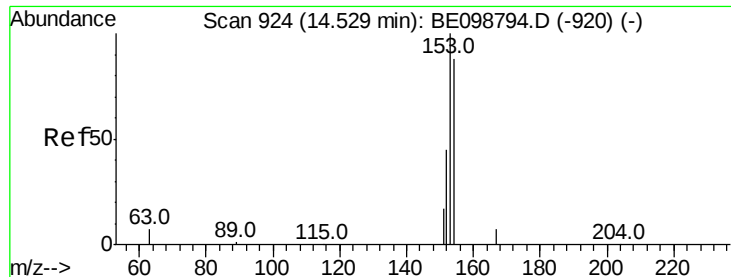
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





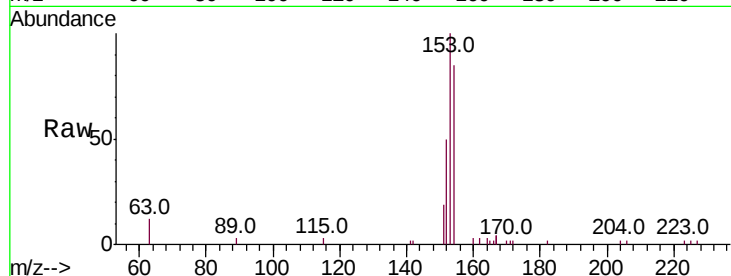
#17
Acenaphthene
Concen: 0.401 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Instrument :
BNA_E
ClientSampleId :
PB117963BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	117.3	94.2	141.4
152	55.7	45.0	67.4

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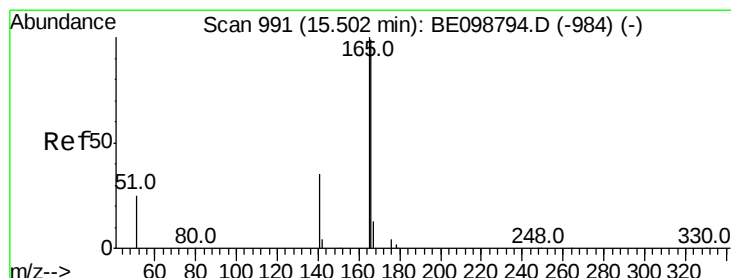
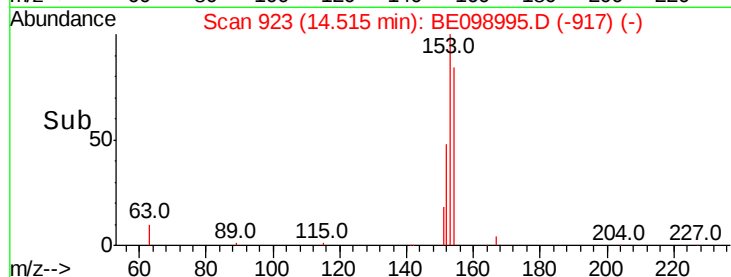
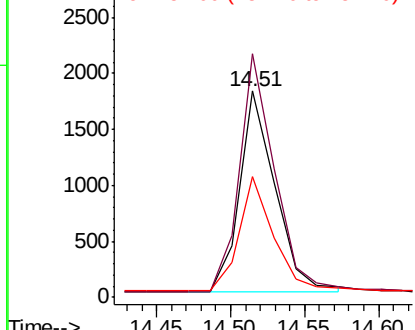


Abundance

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: 0.384 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

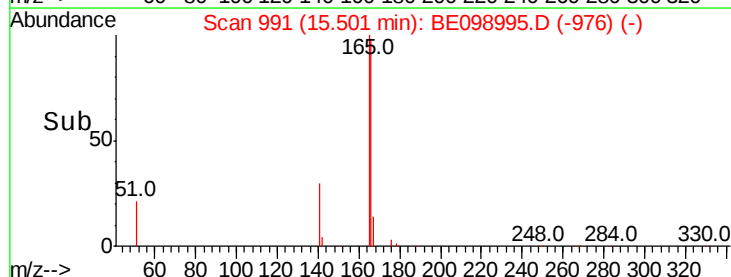
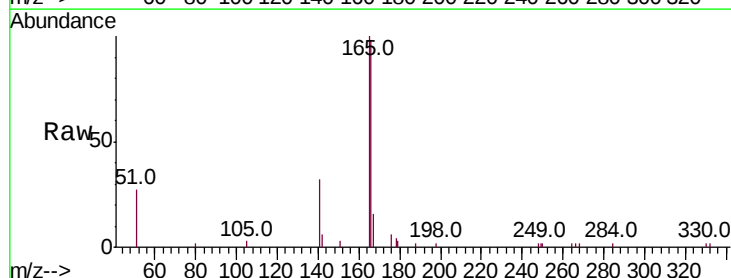
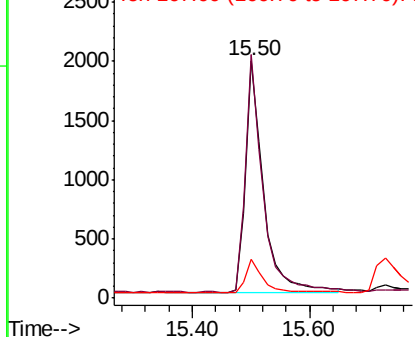
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.3	118.9
167	13.6	10.5	15.7

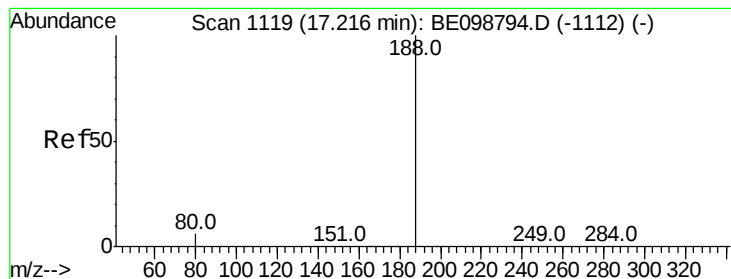
Abundance

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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

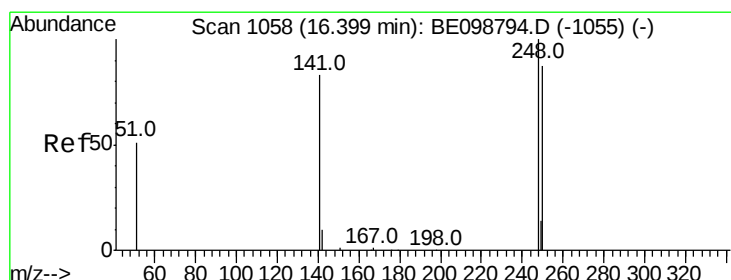
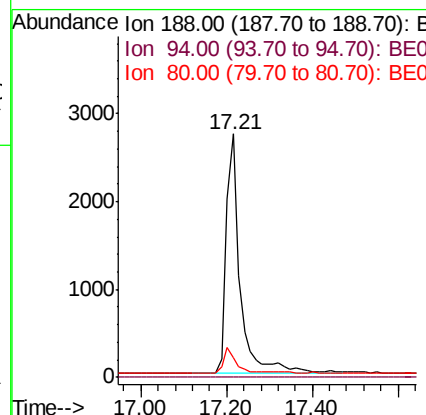
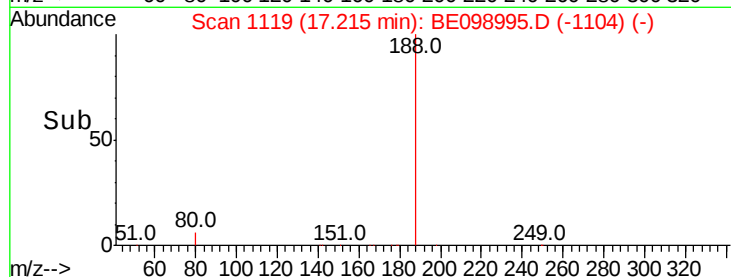
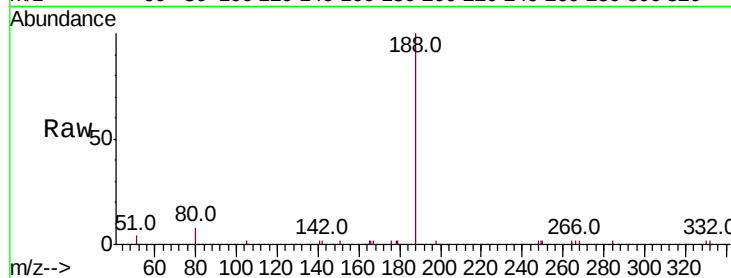
ClientSampleId :

PB117963BS

Tot Ion:	188	Resp:	6199
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.2	6.3	9.5

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#20

4-Bromophenyl-phenylether

Concen: 0.425 ng

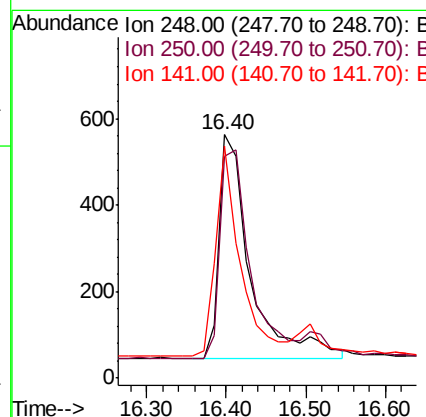
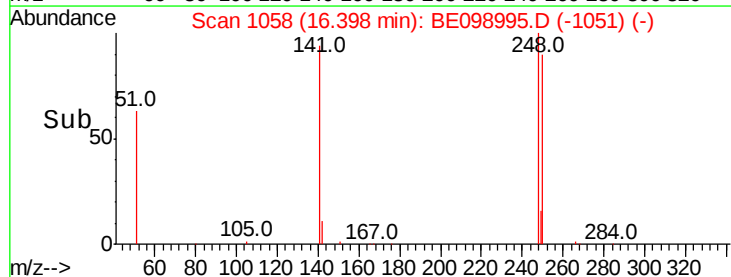
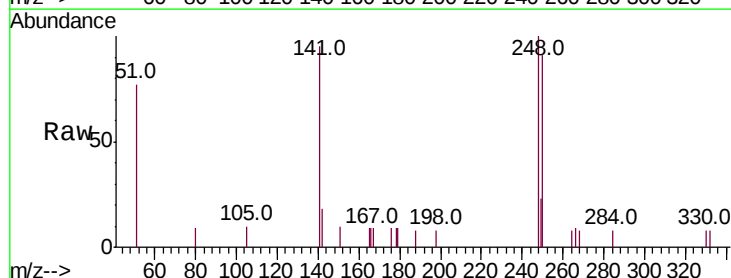
RT: 16.40 min Scan# 1058

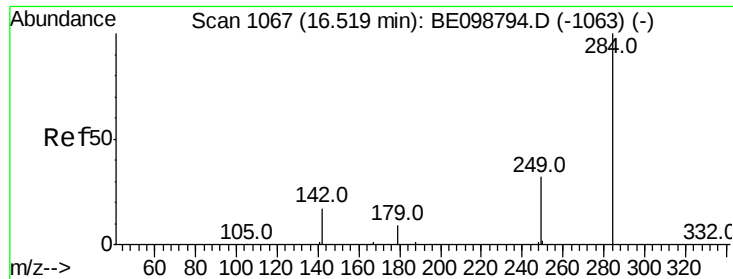
Delta R.T. 0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Tgt Ion:	248	Resp:	1429
Ion Ratio	Lower	Upper	
248	100		
250	91.1	70.6	105.8
141	95.2	68.6	102.8





#21

Hexachlorobenzene

Concen: 0.394 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

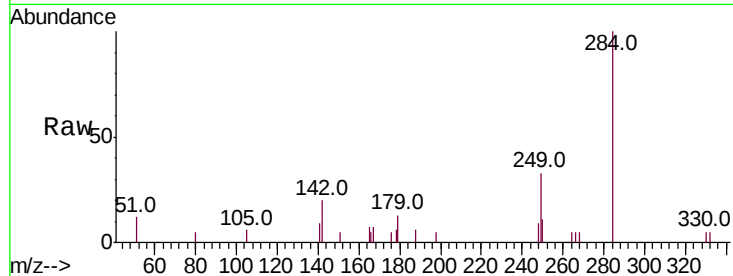
ClientSampleId :

PB117963BS

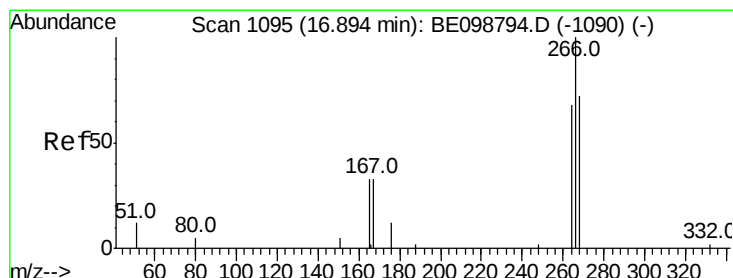
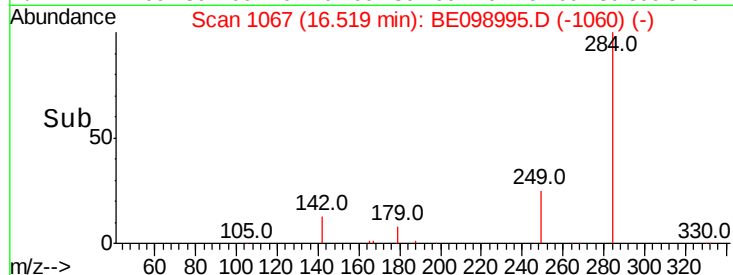
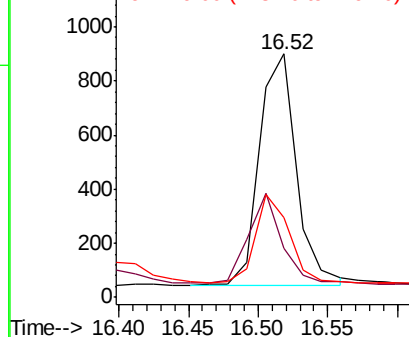
Tot Ion:	284	Resp:	1574
Ion Ratio	Lower	Upper	
284	100		
142	34.5	28.7	43.1
249	34.9	29.6	44.4

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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: 0.319 ng

RT: 16.93 min Scan# 1098

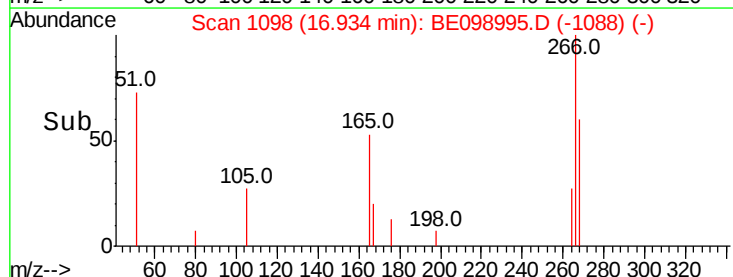
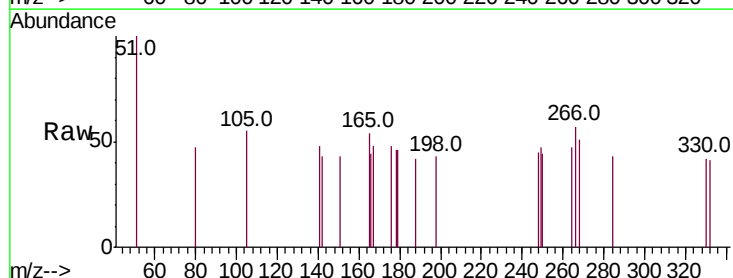
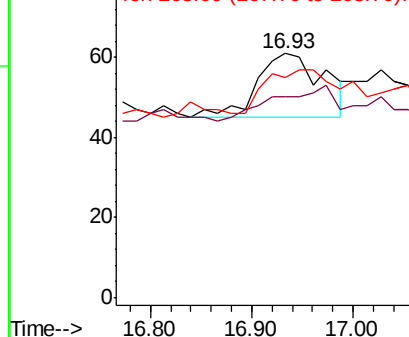
Delta R.T. 0.04 min

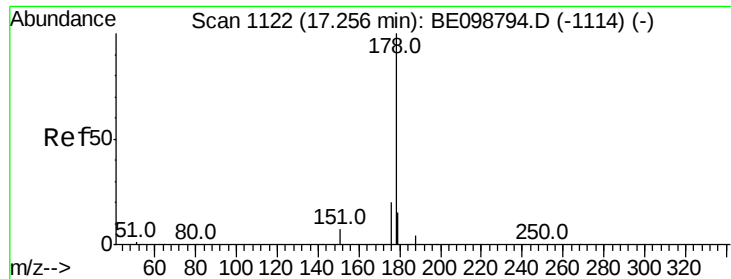
Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Tgt Ion:	266	Resp:	74
Ion Ratio	Lower	Upper	
266	100		
264	82.0	66.6	100.0
268	90.2	69.8	104.8

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





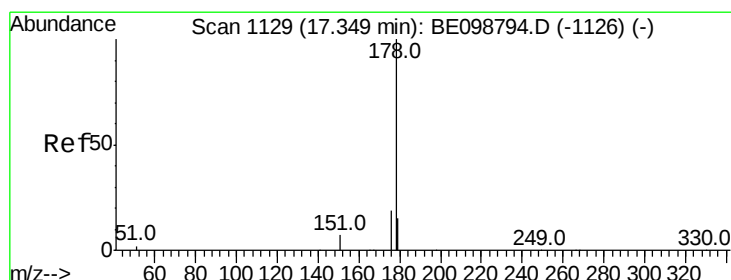
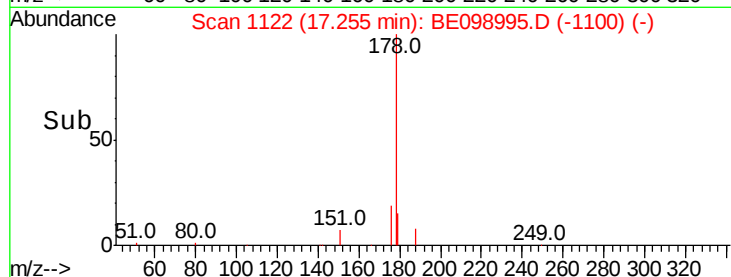
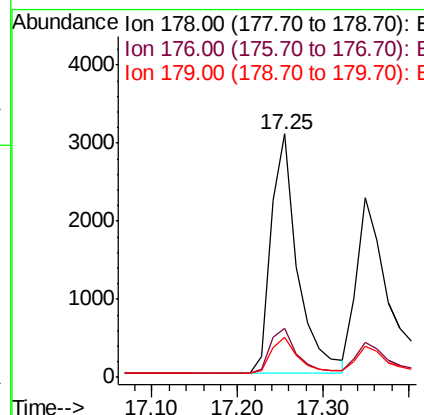
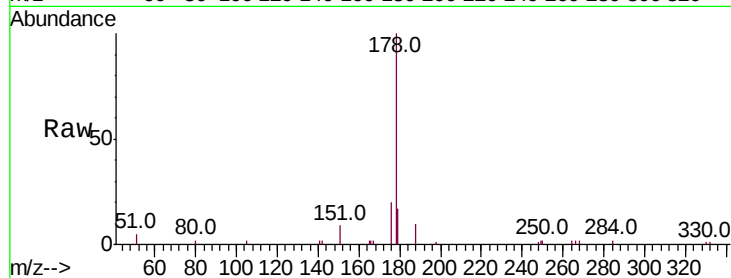
#23
Phenanthrene
Concen: 0.375 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Instrument :
BNA_E
ClientSampleId :
PB117963BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	16.0	12.1	18.1

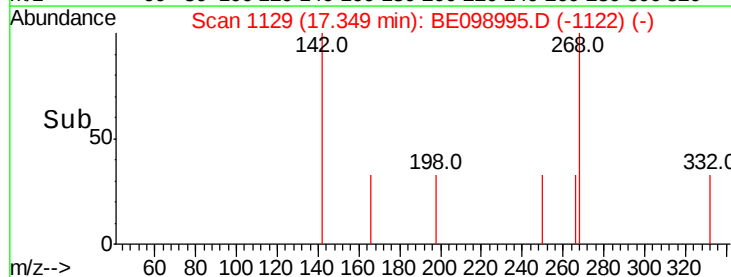
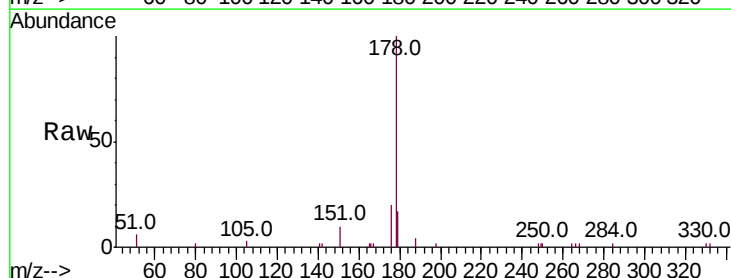
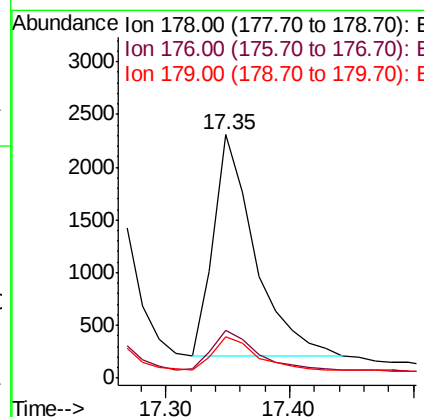
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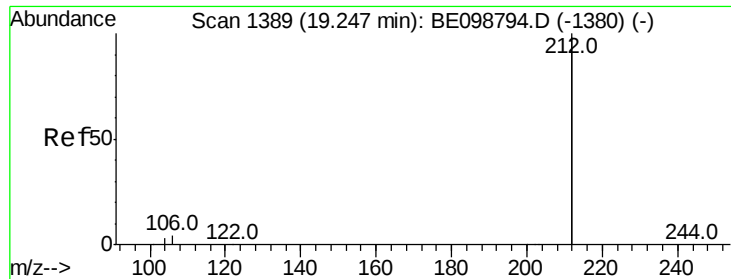
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#24
Anthracene
Concen: 0.324 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.5	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.326 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

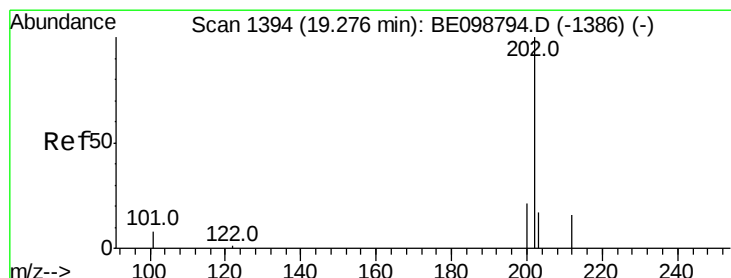
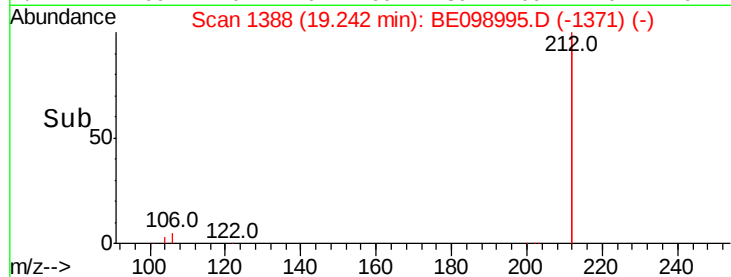
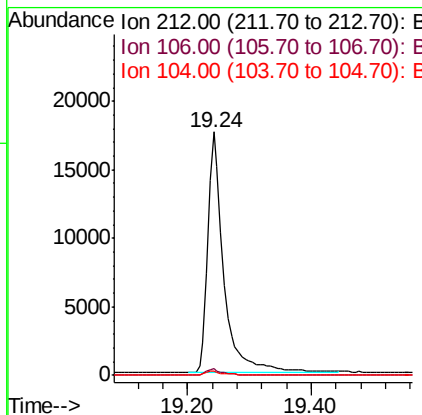
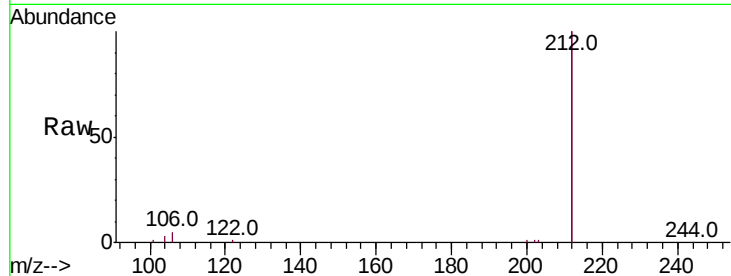
ClientSampleId :

PB117963BS

Tot Ion:	212	Resp:	32230
Ion Ratio	Lower	Upper	
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6

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#26

Fluoranthene

Concen: 0.341 ng

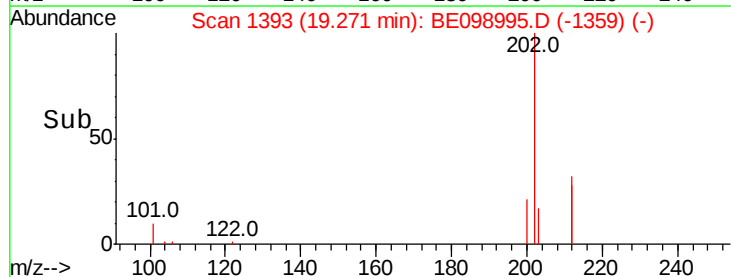
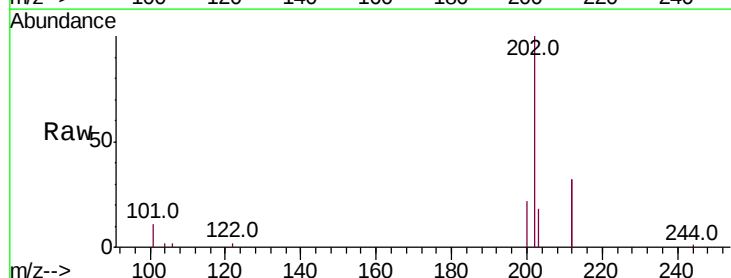
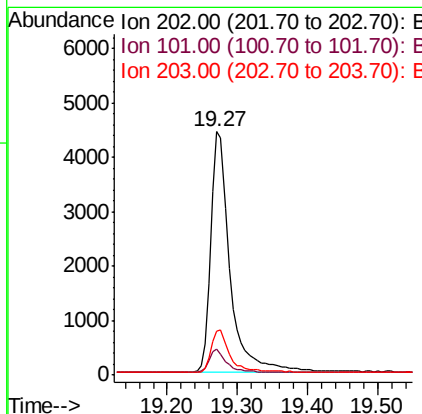
RT: 19.27 min Scan# 1393

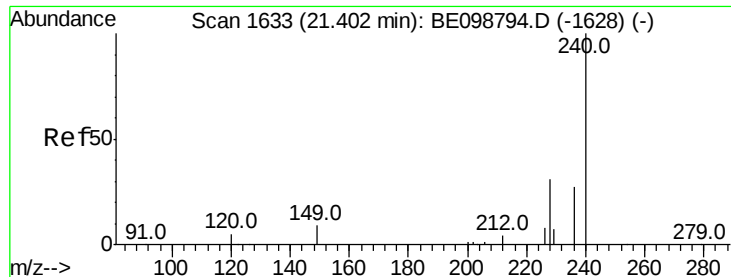
Delta R.T. -0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Tgt Ion:	202	Resp:	8471
Ion Ratio	Lower	Upper	
202	100		
101	8.9	7.3	10.9
203	17.1	13.4	20.2





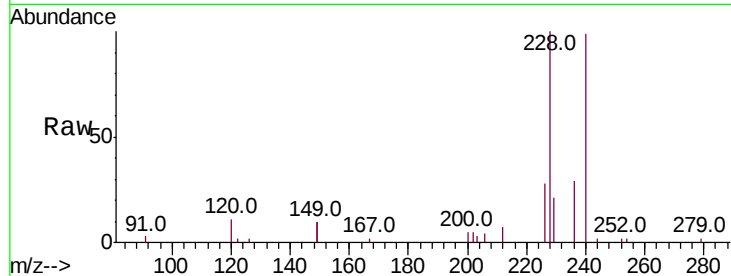
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Instrument :
BNA_E
ClientSampleId :
PB117963BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	5.0	7.4#
236	29.2	22.7	34.1

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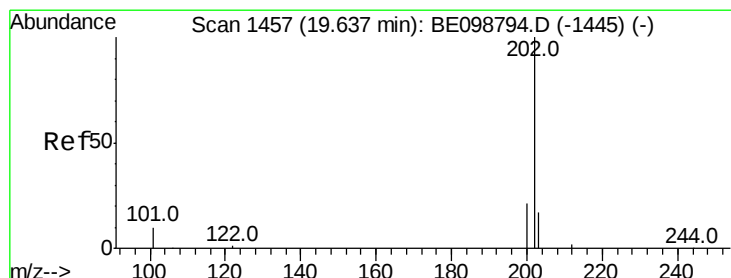
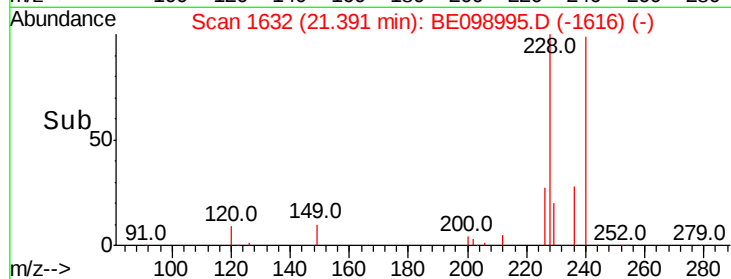
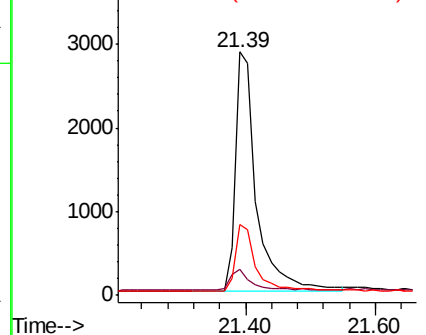


Abundance

Ion 240.00 (239.70 to 240.70): E

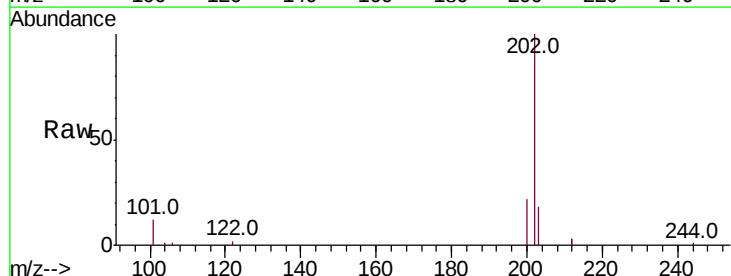
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28
Pyrene
Concen: 0.433 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.0	14.2	21.2

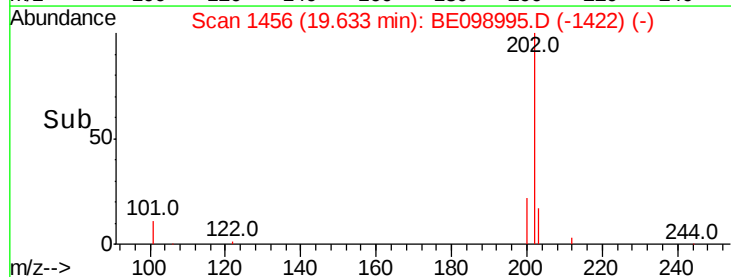
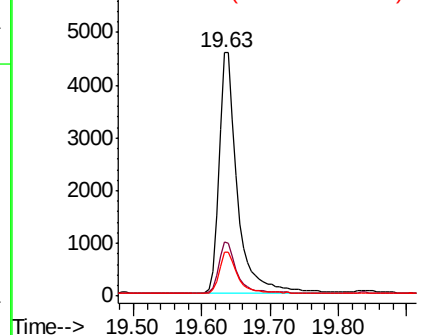


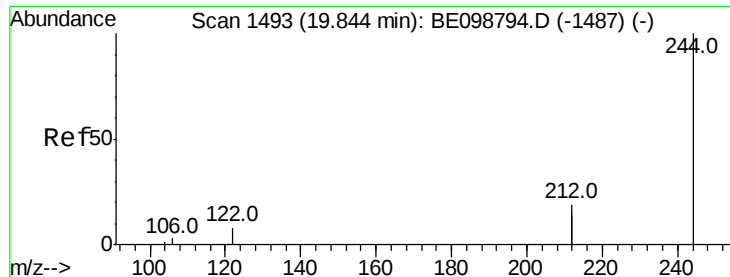
Abundance

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





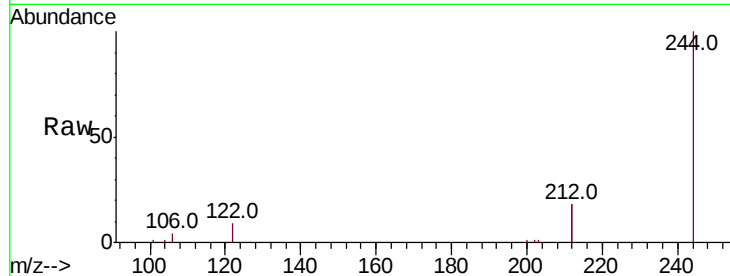
#29
 Terphenyl-d14
 Concen: 1.222 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BE098995.D
 Acq: 18 Mar 2019 11:34

Instrument :
 BNA_E
 ClientSampleId :
 PB117963BS

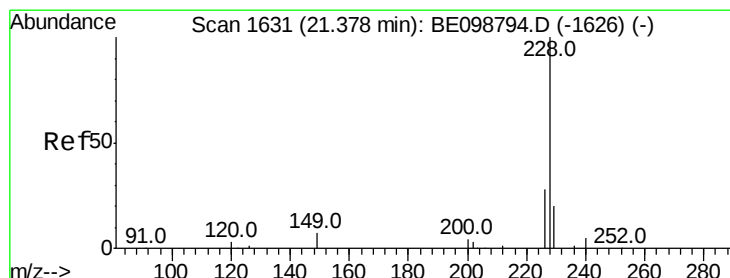
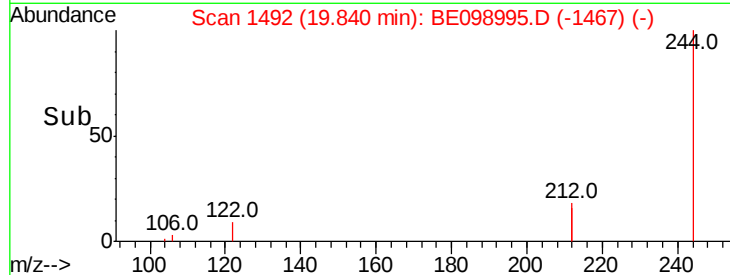
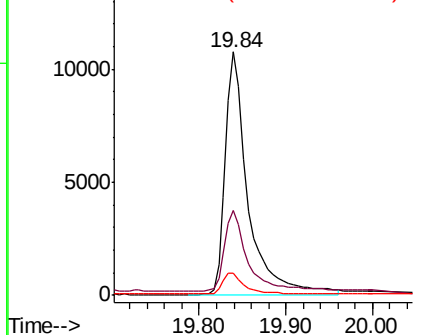
Tot Ion:	244	Resp:	19441
Ion Ratio	Lower	Upper	
244	100		
212	35.1	29.4	44.2
122	9.4	7.1	10.7

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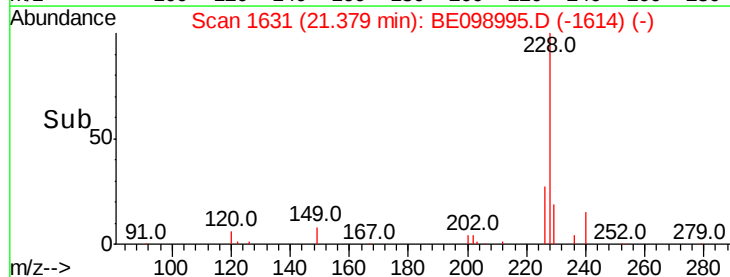
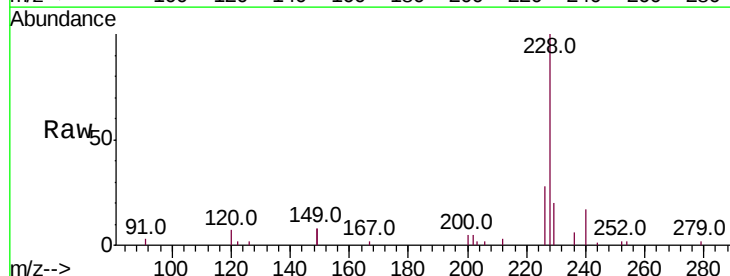
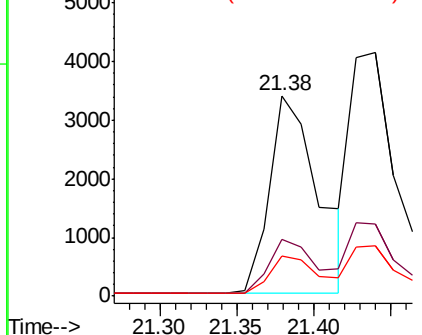
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

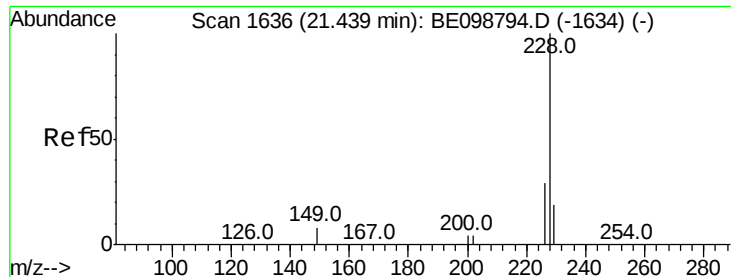


#30
 Benzo(a)anthracene
 Concen: 0.367 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE098995.D
 Acq: 18 Mar 2019 11:34

Tgt Ion:	228	Resp:	7494
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.0	34.4
229	20.2	16.5	24.7

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: 0.387 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098995.D

Acq: 18 Mar 2019 11:34

Instrument :

BNA_E

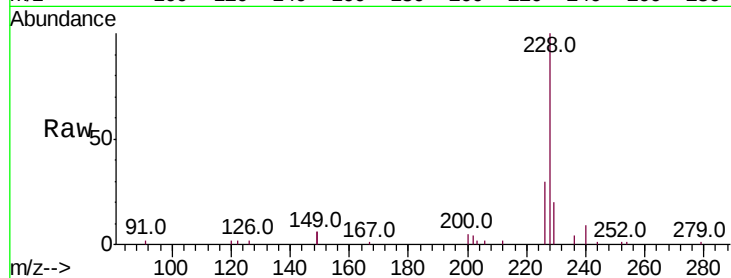
ClientSampleId :

PB117963BS

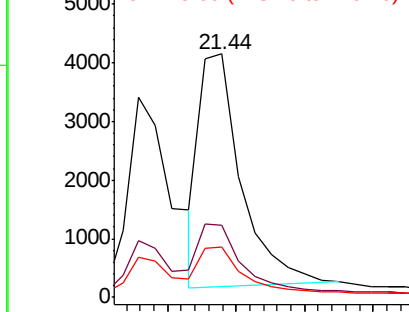
Tot Ion:228	Resp:	8465
Ion Ratio	Lower	Upper
228 100		
226 29.9	23.7	35.5
229 20.5	16.1	24.1

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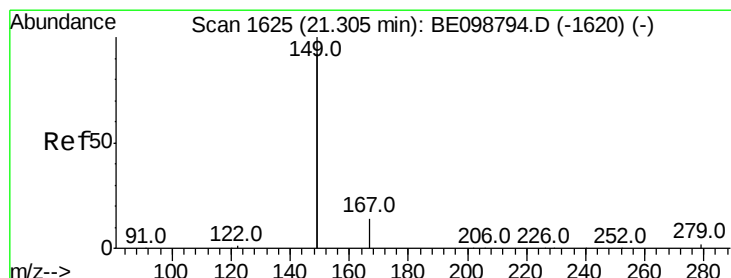
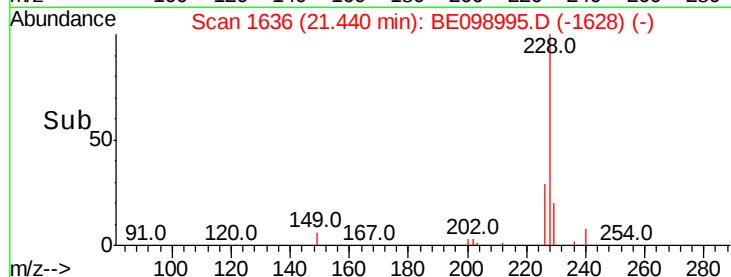
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.274 ng

RT: 21.29 min Scan# 1624

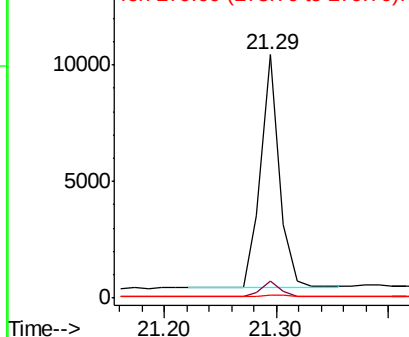
Delta R.T. -0.01 min

Lab File: BE098995.D

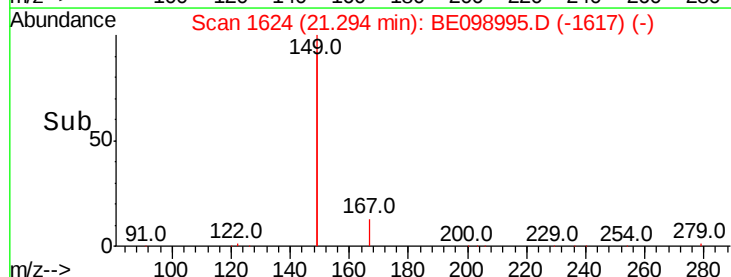
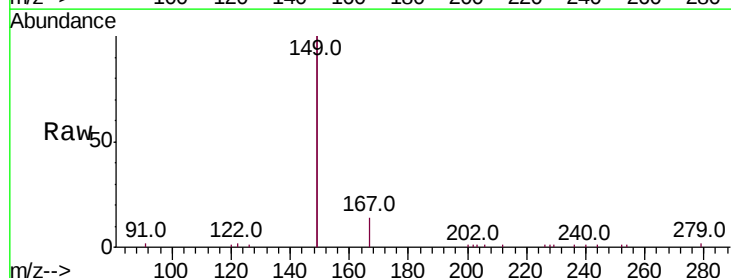
Acq: 18 Mar 2019 11:34

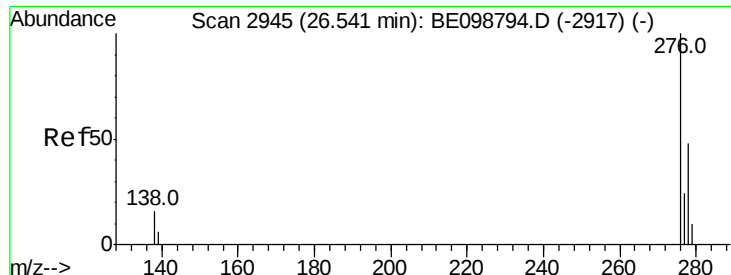
Tgt Ion:149	Resp:	11928
Ion Ratio	Lower	Upper
149 100		
167 6.7	5.4	8.0
279 1.1	1.0	1.4

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



Time-->





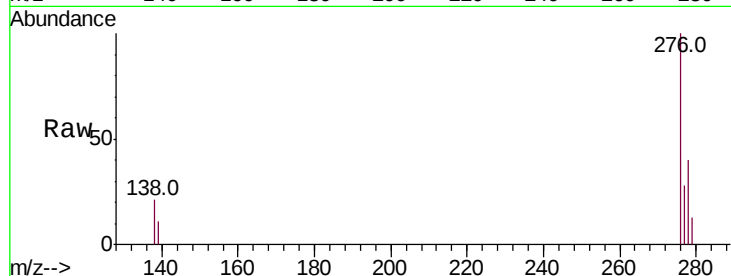
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.309 ng
 RT: 26.54 min Scan# 2945
 Delta R.T. 0.00 min
 Lab File: BE098995.D
 Acq: 18 Mar 2019 11:34

Instrument :
 BNA_E
 ClientSampleId :
 PB117963BS

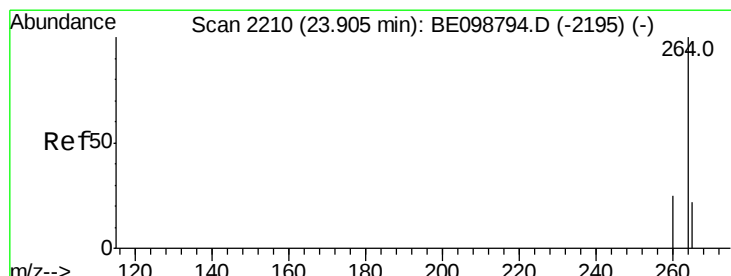
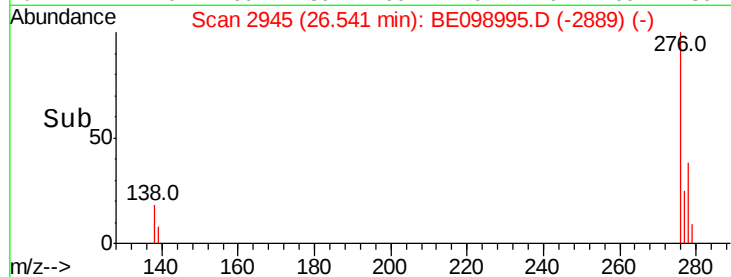
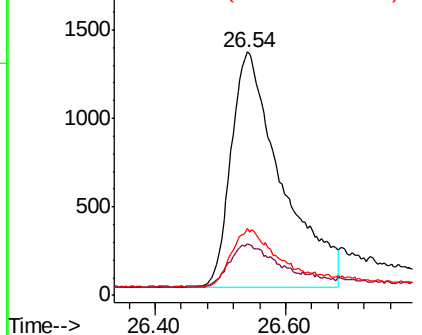
Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.8	20.8
277	24.4	19.5	29.3

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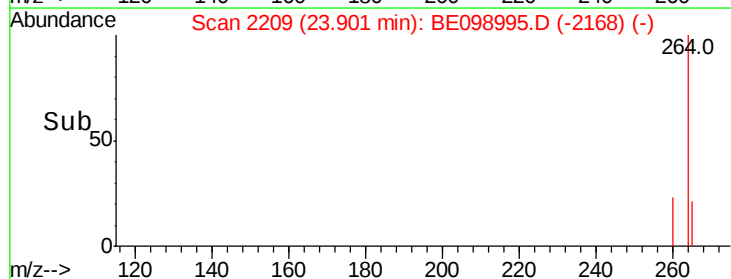
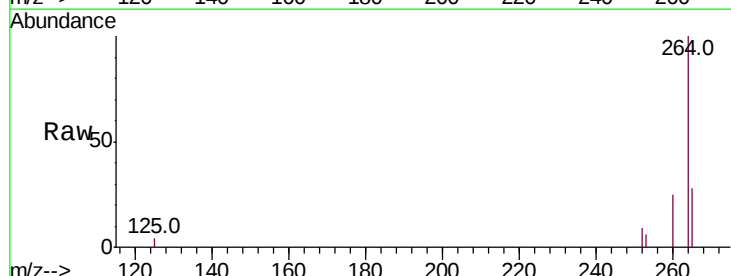
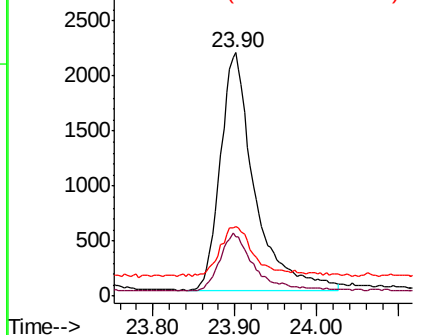
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

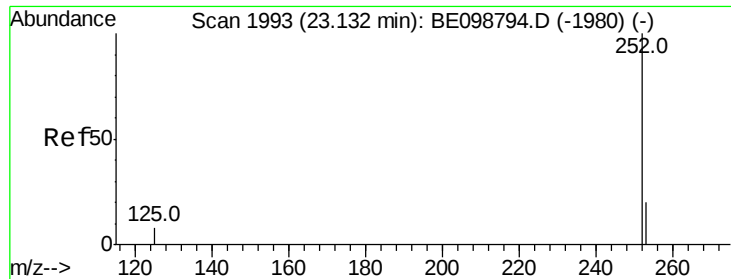


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE098995.D
 Acq: 18 Mar 2019 11:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.2	31.8
265	28.4	24.6	36.8

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





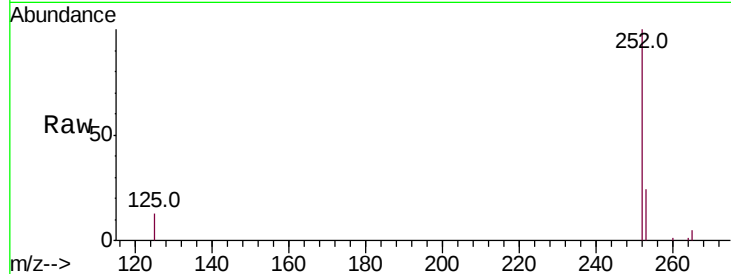
#35
Benzo(b)fluoranthene
Concen: 0.395 ng m
RT: 23.13 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Instrument :
BNA_E
ClientSampleId :
PB117963BS

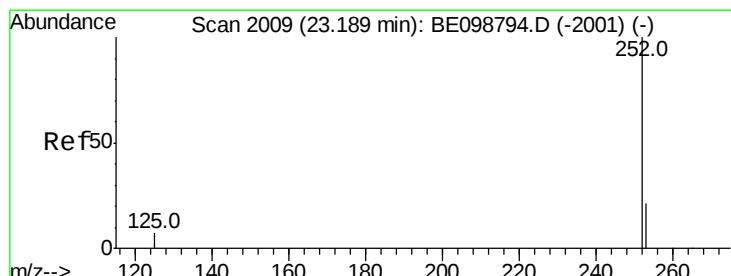
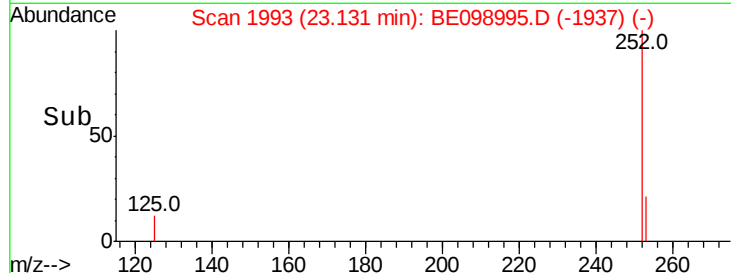
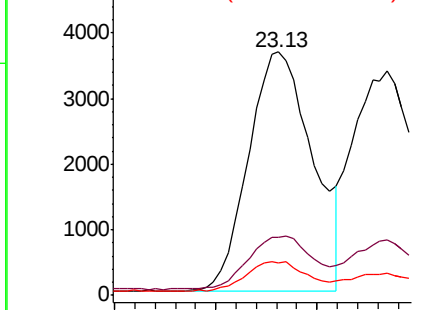
Tot Ion:252 Resp: 8077
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.2
125 13.3 7.3 10.9#

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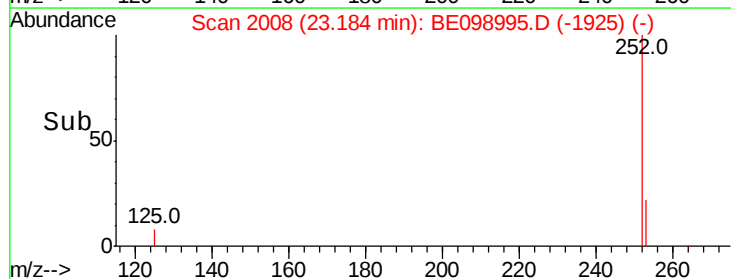
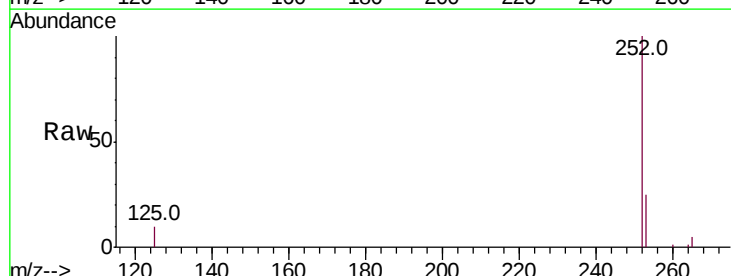
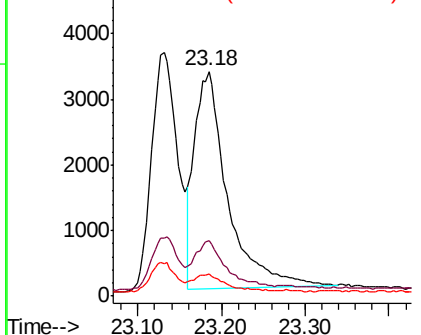
Abundance Ion 252.00 (251.70 to 252.70): E
5000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

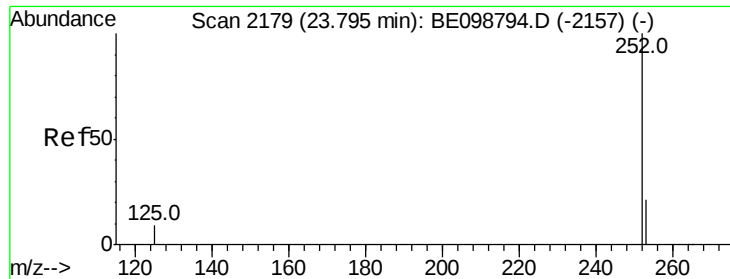


#36
Benzo(k)fluoranthene
Concen: 0.424 ng
RT: 23.18 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Tgt Ion:252 Resp: 9086
Ion Ratio Lower Upper
252 100
253 24.5 19.3 28.9
125 9.7 7.5 11.3

Abundance Ion 252.00 (251.70 to 252.70): E
5000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





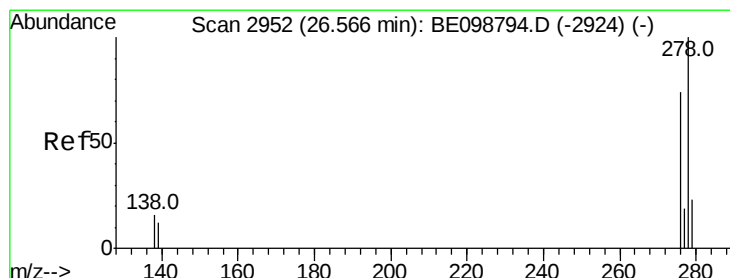
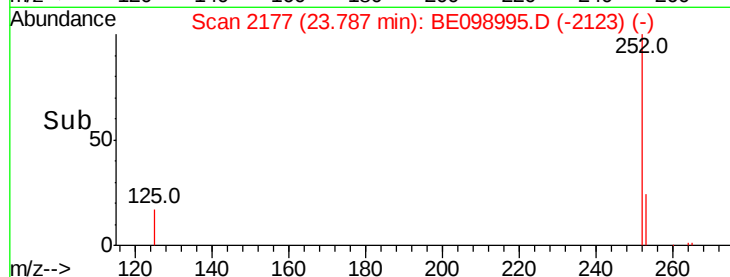
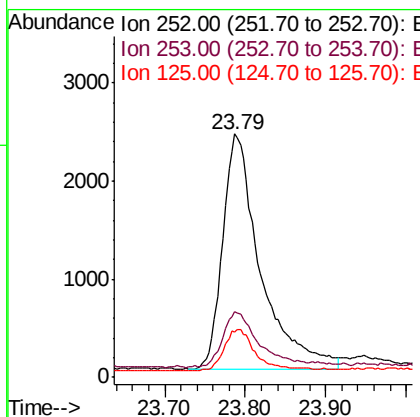
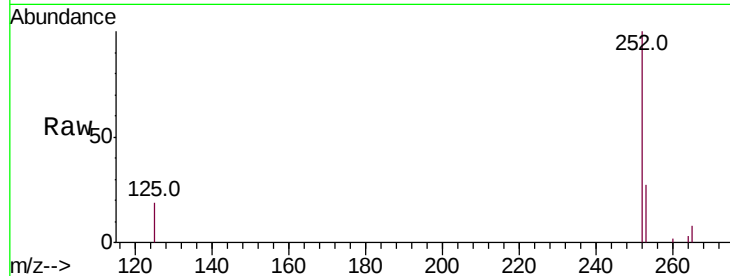
#37
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Instrument :
BNA_E
ClientSampleId :
PB117963BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.9	29.9
125	18.8	9.0	13.4

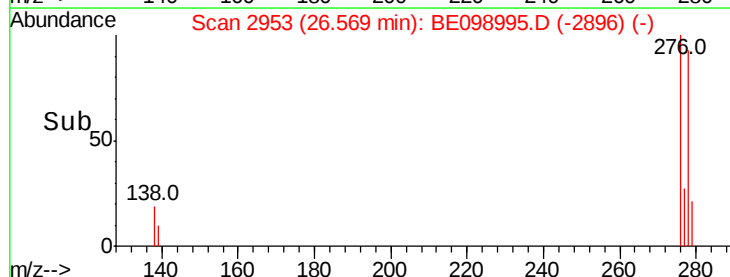
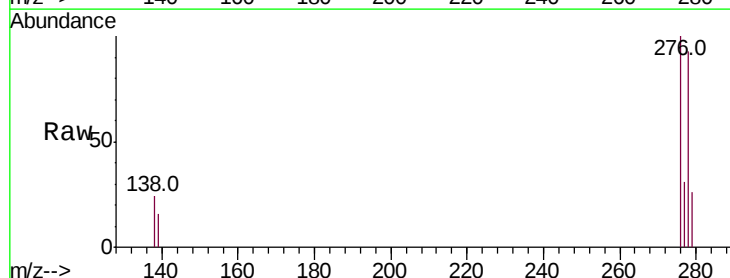
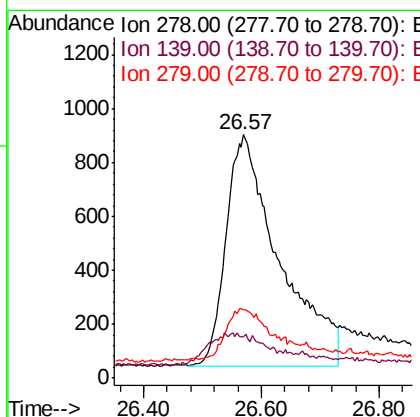
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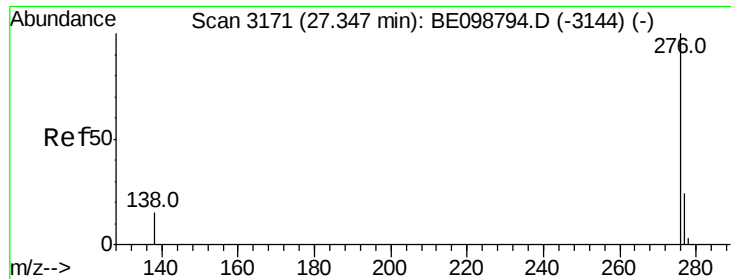
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#38
Dibenzo(a,h)anthracene
Concen: 0.289 ng
RT: 26.57 min Scan# 2953
Delta R.T. 0.00 min
Lab File: BE098995.D
Acq: 18 Mar 2019 11:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	11.8	17.6
279	28.2	21.1	31.7





#39
 Benzo(a,h,i)perylene
 Concen: 0.351 ng
 RT: 27.34 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BE098995.D
 Acq: 18 Mar 2019 11:34

Instrument :
 BNA_E
 ClientSampleId :
 PB117963BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.7	20.4	30.6
138	20.3	13.6	20.4

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