

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098910.D
 Acq On : 13 Mar 2019 14:04
 Operator : JU/SJ
 Sample : PB117852BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117852BS

Manual Integrations
 APPROVED

Sohil
 3/14/2019 11:09:14 AM

Quant Time: Mar 14 07:03:47 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 06 15:33:24 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	809	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3429	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2340	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6042	0.40	ng	0.00
27) Chrysene-d12	21.39	240	6788	0.40	ng	-0.01
34) Perylene-d12	23.90	264	6678	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	764	0.32	ng	0.01
5) Phenol-d6	7.00	99	1240	0.36	ng	0.01
8) Nitrobenzene-d5	8.98	82	1168	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2431	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	348	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3605	0.37	ng	0.00
25) Fluoranthene-d10	19.24	212	31960	0.33	ng	0.00
29) Terphenyl-d14	19.85	244	6340	0.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	621	0.394	ng	92
3) n-Nitrosodimethylamine	3.66	42	472m	0.232	ng	
6) bis(2-Chloroethyl)ether	7.23	93	724	0.275	ng	96
9) Naphthalene	10.64	128	15149	0.386	ng	100
10) Hexachlorobutadiene	10.91	225	1010	0.389	ng	99
12) 2-Methylnaphthalene	12.27	142	2355	0.370	ng	97
16) Acenaphthylene	14.18	152	4367	0.363	ng	97
17) Acenaphthene	14.52	154	2560	0.359	ng	95
18) Fluorene	15.50	166	3618	0.351	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1209m	0.369	ng	
21) Hexachlorobenzene	16.52	284	1470	0.378	ng	96
22) Pentachlorophenol	16.91	266	172	0.394	ng	94
23) Phenanthrene	17.25	178	5982	0.348	ng	98
24) Anthracene	17.35	178	4469	0.304	ng	99
26) Fluoranthene	19.27	202	7995	0.330	ng	100
28) Pyrene	19.63	202	8263	0.398	ng	100
30) Benzo(a)anthracene	21.38	228	7008	0.331	ng	98
31) Chrysene	21.44	228	9012	0.398	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	12967	0.288	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	8831	0.369	ng	97
35) Benzo(b)fluoranthene	23.13	252	8263m	0.376	ng	
36) Benzo(k)fluoranthene	23.18	252	8451	0.368	ng	99
37) Benzo(a)pyrene	23.79	252	8037	0.382	ng	# 89
38) Dibenzo(a,h)anthracene	26.55	278	6578	0.330	ng	95
39) Benzo(g,h,i)perylene	27.33	276	7723	0.371	ng	99

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

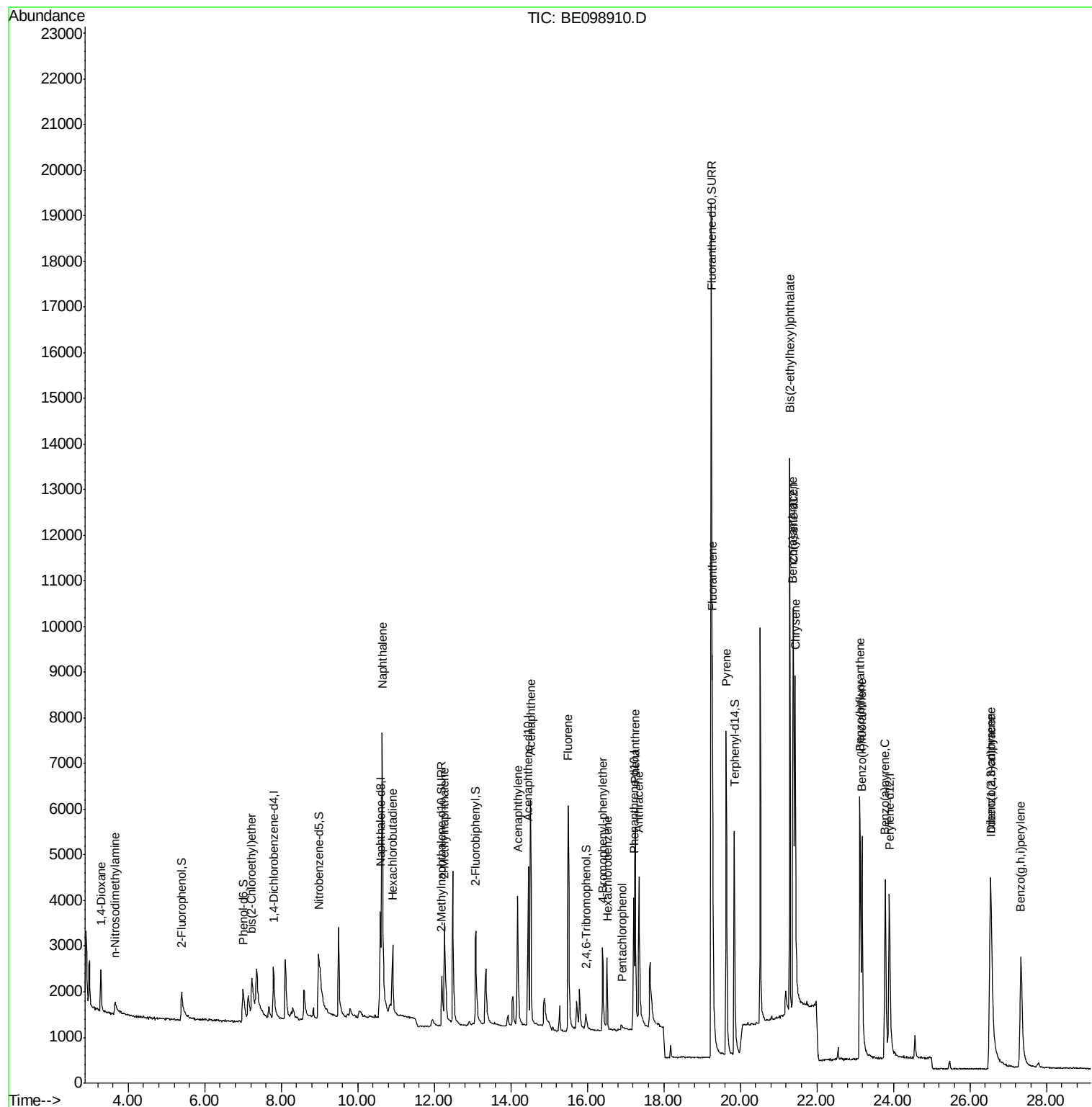
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098910.D
Acq On : 13 Mar 2019 14:04
Operator : JU/SJ
Sample : PB117852BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

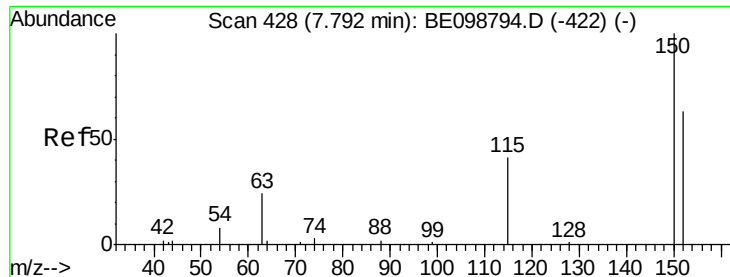
Instrument :
BNA_E
ClientSampleId :
PB117852BS

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Quant Time: Mar 14 07:03:47 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
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#1

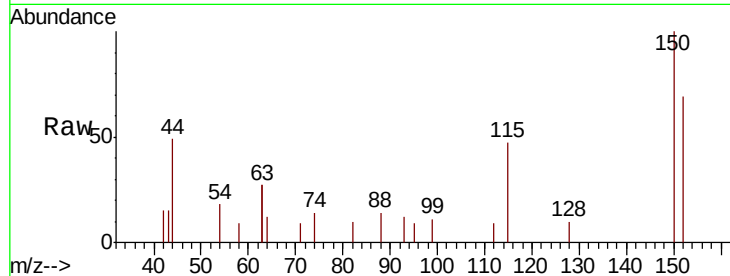
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :
PB117852BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.6	122.5	183.7
115	68.9	57.4	86.2

Manual Integrations
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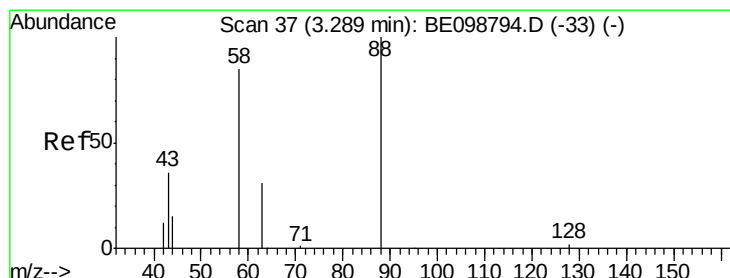
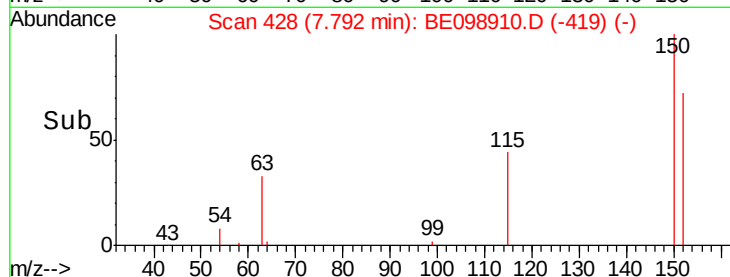
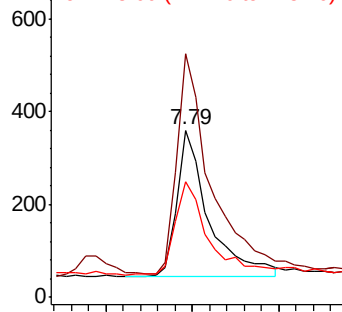


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

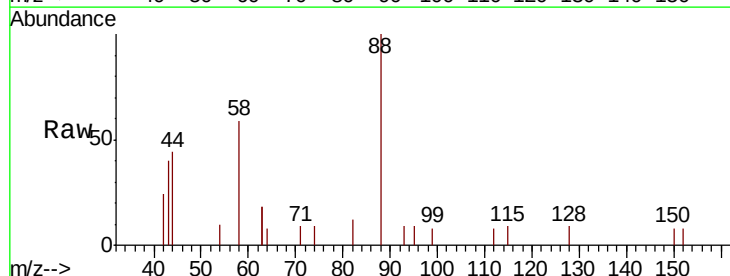
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.394 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.7	75.8	113.6
43	58.3	41.8	62.8

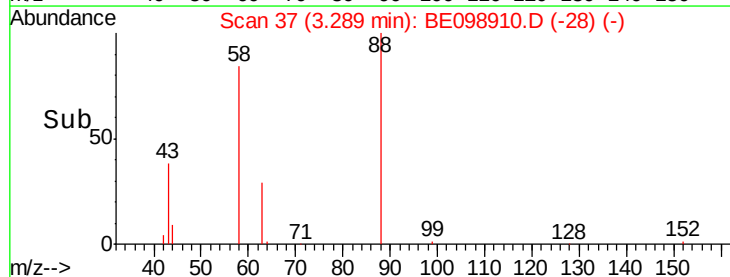
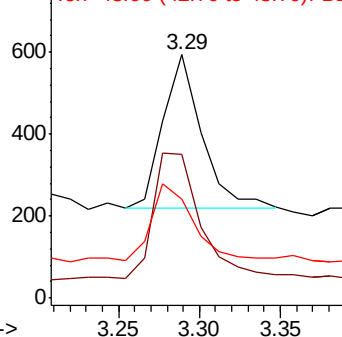


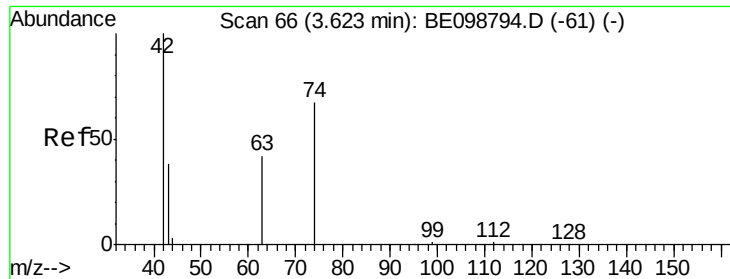
Abundance

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





#3

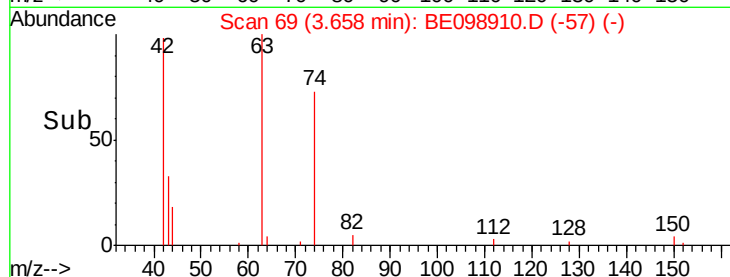
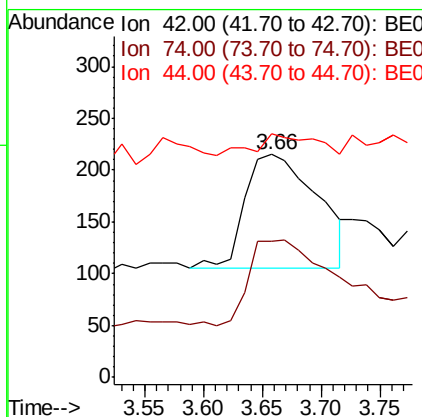
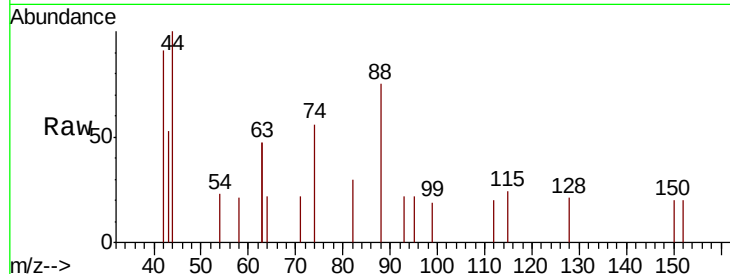
n-Nitrosodimethylamine
 Concen: 0.232 ng/ml
 RT: 3.66 min Scan# 69
 Delta R.T. 0.03 min
 Lab File: BE098910.D
 Acq: 13 Mar 2019 14:04

Instrument :
 BNA_E
 ClientSampleId :
 PB117852BS

Tot Ion:	42	Resp:	472
Ion	Ratio	Lower	Upper
42	100		
74	52.1	57.0	85.4#
44	10.6	0.0	0.0#

Manual Integrations
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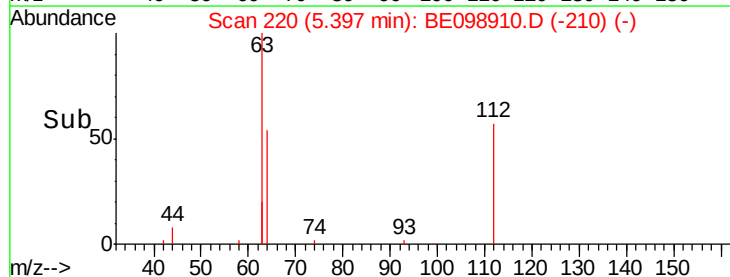
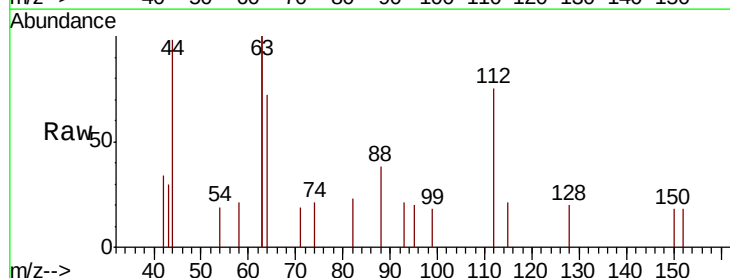
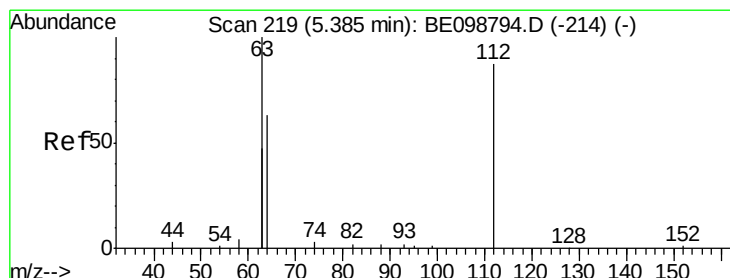
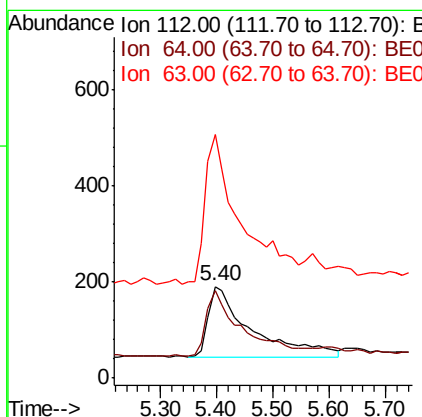
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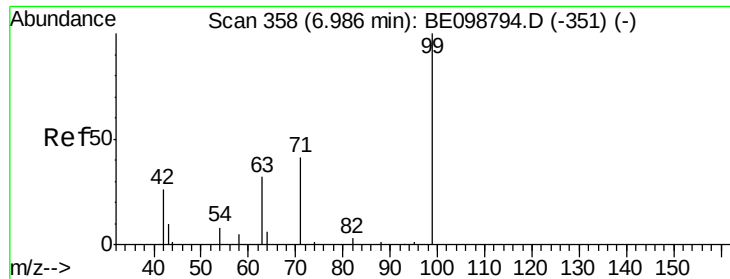


#4

2-Fluorophenol
 Concen: 0.316 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE098910.D
 Acq: 13 Mar 2019 14:04

Tgt Ion:	112	Resp:	764
Ion	Ratio	Lower	Upper
112	100		
64	80.4	57.9	86.9
63	180.8	158.3	237.5





#5

Phenol-d6

Concen: 0.363 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

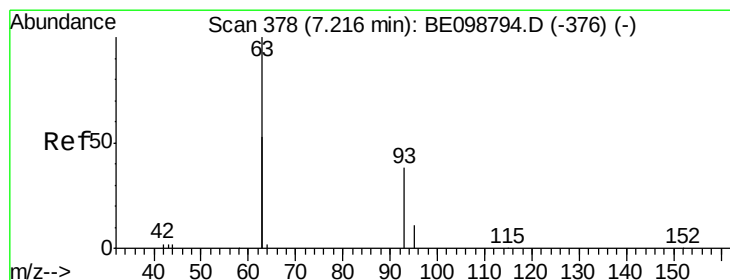
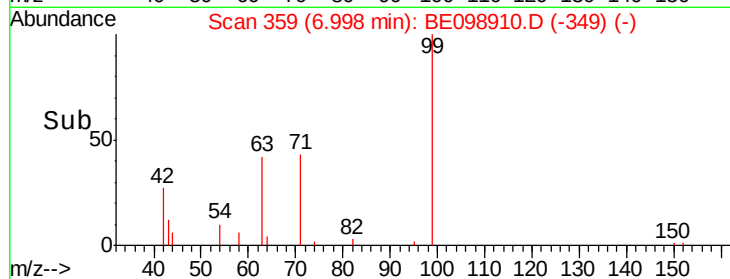
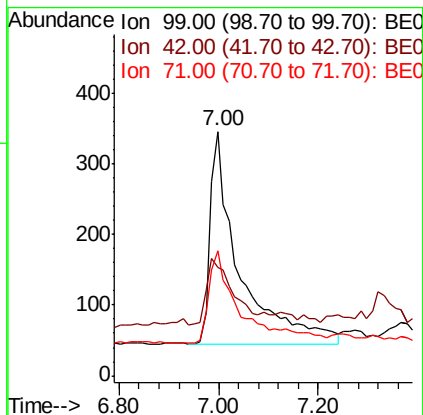
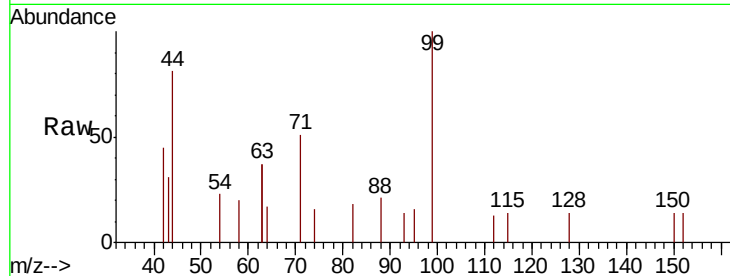
ClientSampled :

PB117852BS

Tot Ion:	99	Resp:	1240
Ion	Ratio	Lower	Upper
99	100		
42	28.3	24.2	36.2
71	46.5	35.7	53.5

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.275 ng

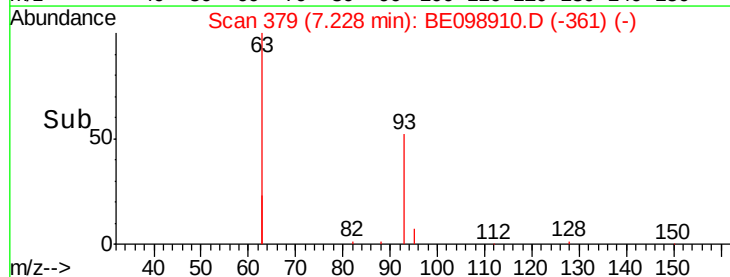
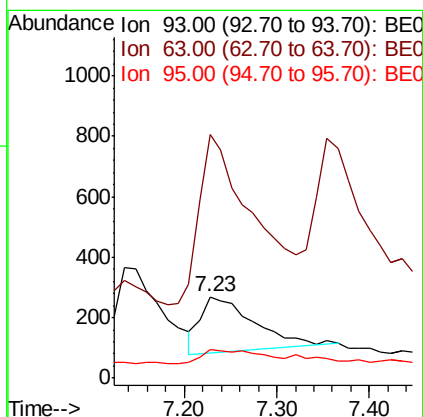
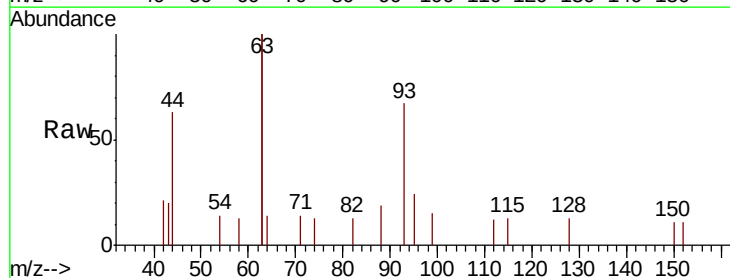
RT: 7.23 min Scan# 379

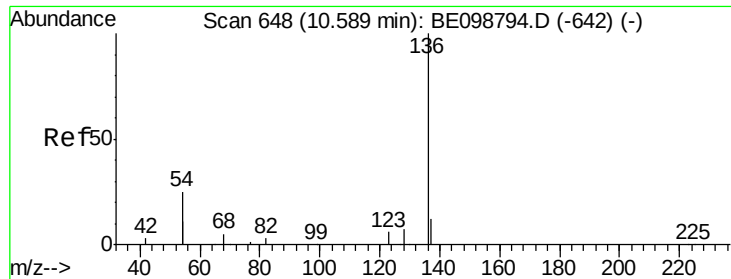
Delta R.T. 0.01 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Tgt Ion:	93	Resp:	724
Ion	Ratio	Lower	Upper
93	100		
63	317.7	247.5	371.3
95	27.8	21.8	32.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

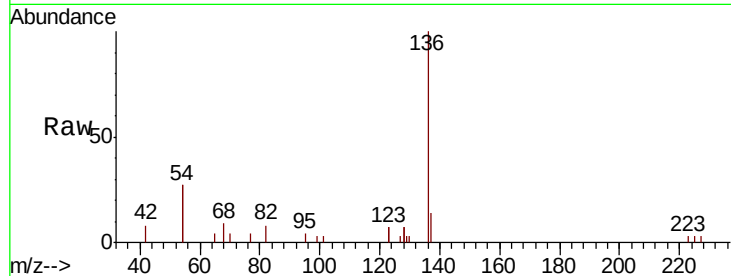
ClientSampleId :

PB117852BS

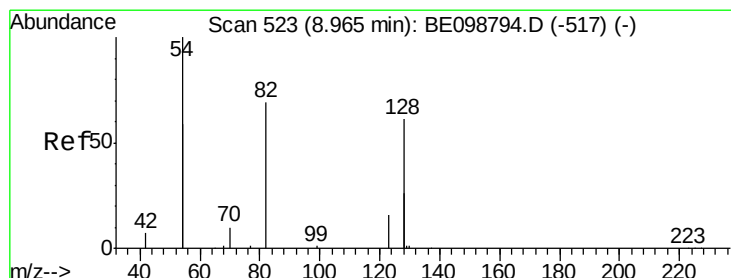
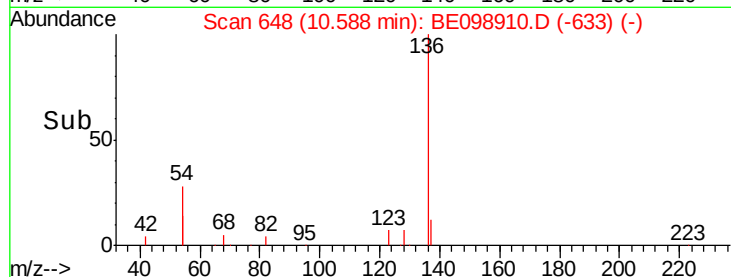
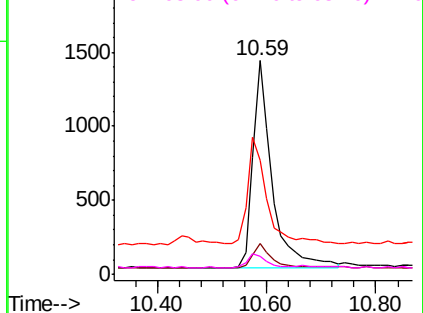
Tot Ion	Ratio	Lower	Upper
136	100		
137	14.4	11.4	17.0
54	53.6	39.3	58.9
68	8.7	6.7	10.1

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.325 ng

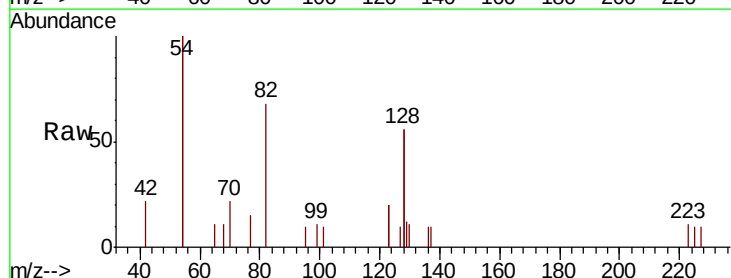
RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

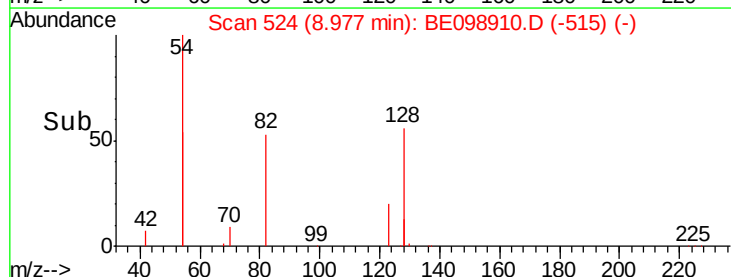
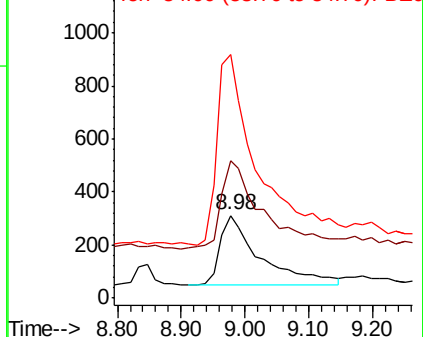
Lab File: BE098910.D

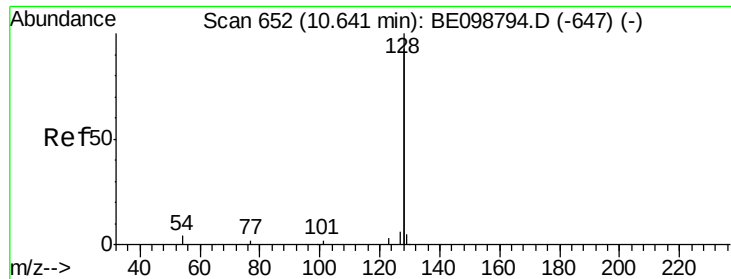
Acq: 13 Mar 2019 14:04

Tgt Ion	Ratio	Lower	Upper
82	100		
128	165.9	123.8	185.8
54	295.2	203.4	305.2



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.386 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

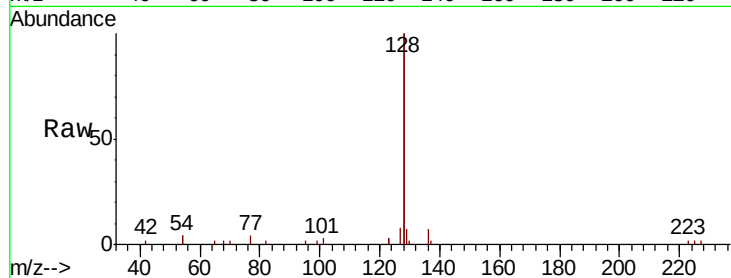
ClientSampleId :

PB117852BS

Tot Ion	128	Resp:	15149
Ion Ratio	Lower	Upper	
128	100		
129	3.4	2.6	4.0
127	4.0	3.1	4.7

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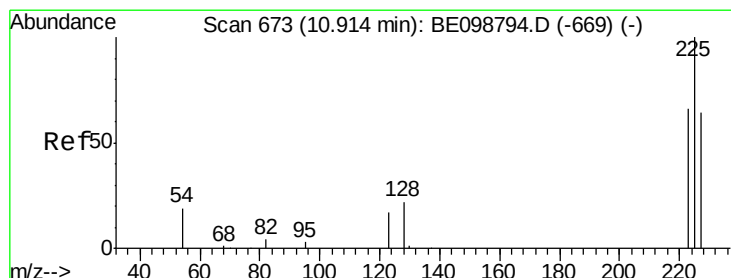
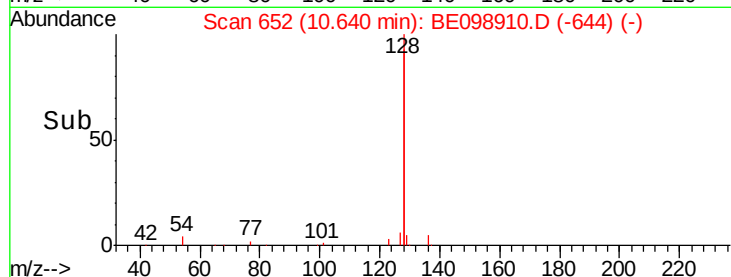
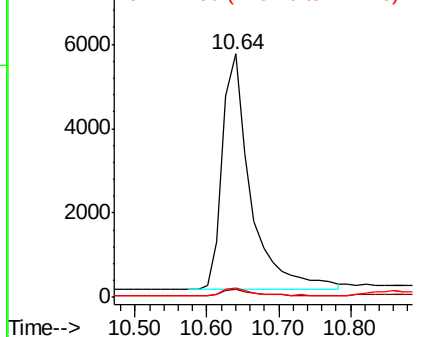


Abundance

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: 0.389 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

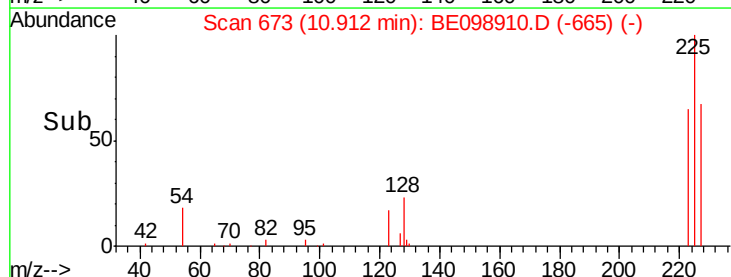
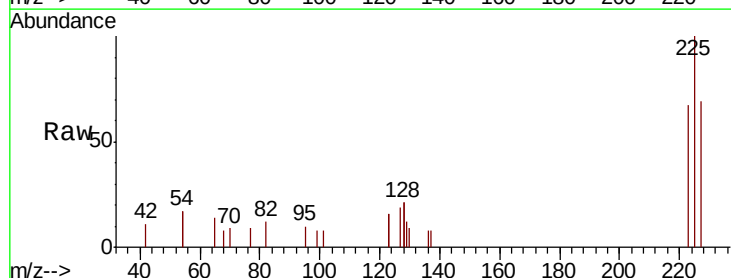
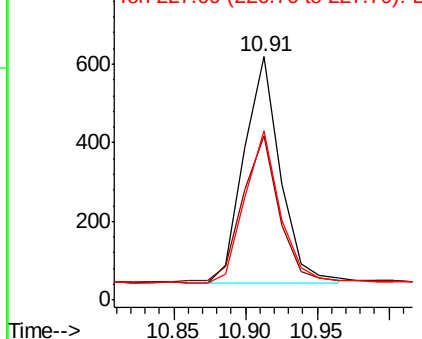
Tgt Ion	225	Resp:	1010
Ion Ratio	Lower	Upper	
225	100		
223	65.0	51.1	76.7
227	64.9	51.6	77.4

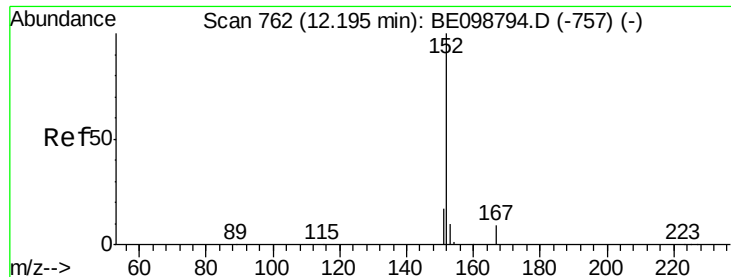
Abundance

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





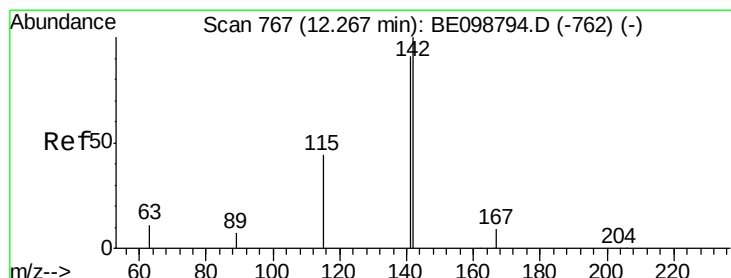
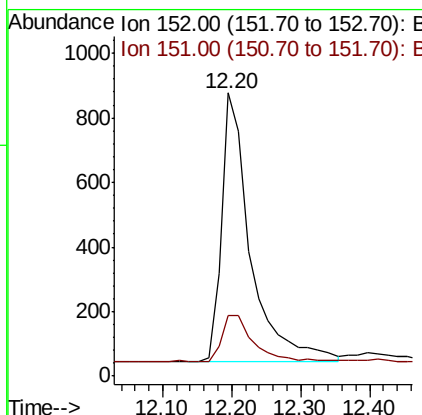
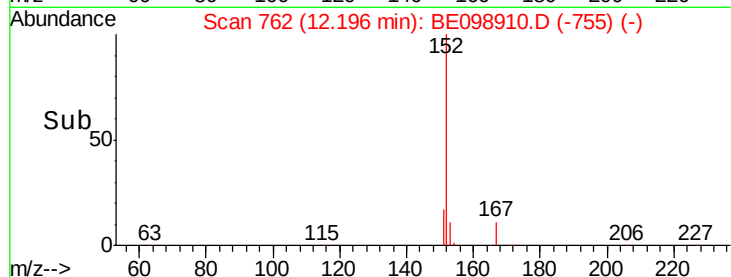
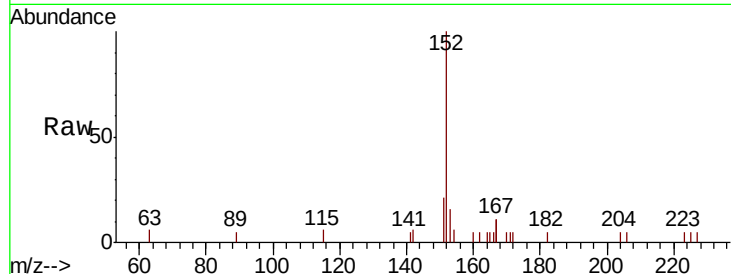
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :
PB117852BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.5	24.7

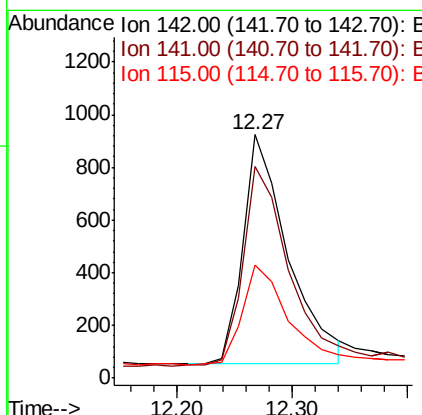
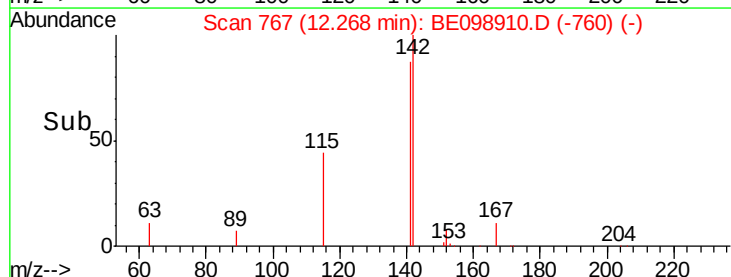
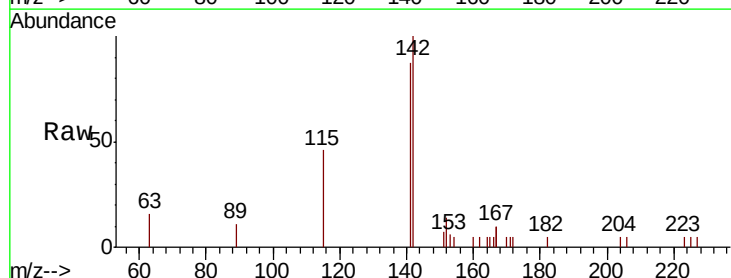
Manual Integrations
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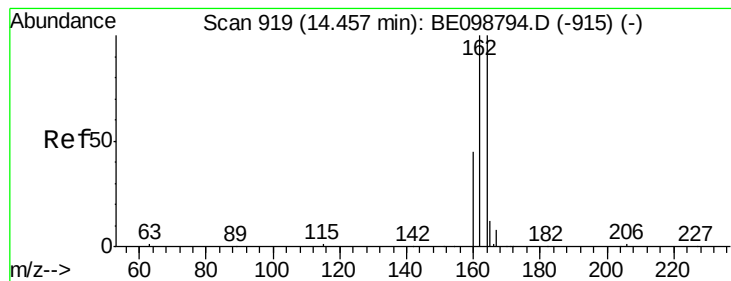
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#12
2-Methylnaphthalene
Concen: 0.370 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.6	108.8
115	46.4	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: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

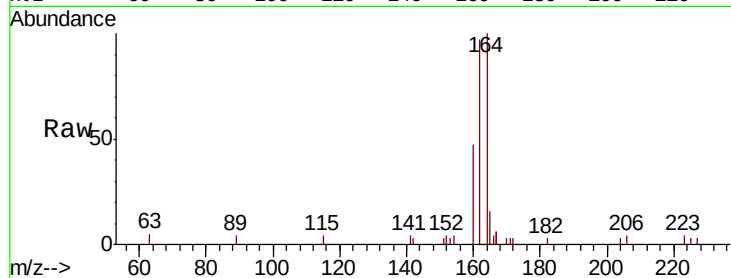
ClientSampleId :

PB117852BS

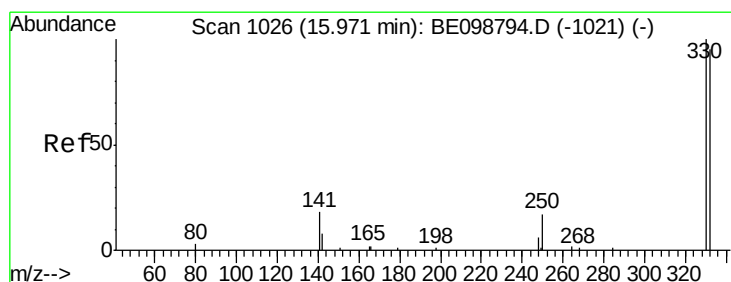
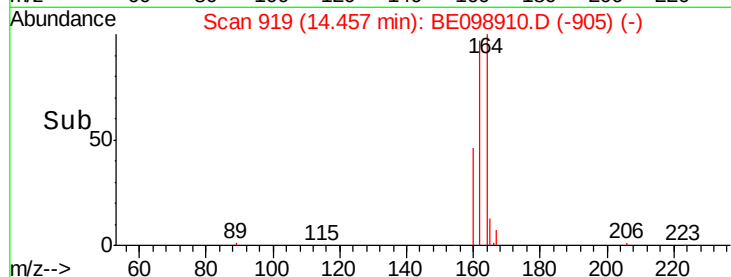
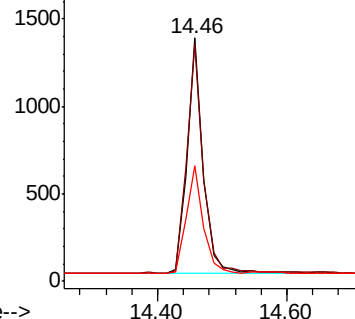
Tot Ion:	164	Resp:	2340
Ion Ratio	Lower	Upper	
164	100		
162	97.3	80.2	120.2
160	47.5	37.8	56.8

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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: 0.295 ng

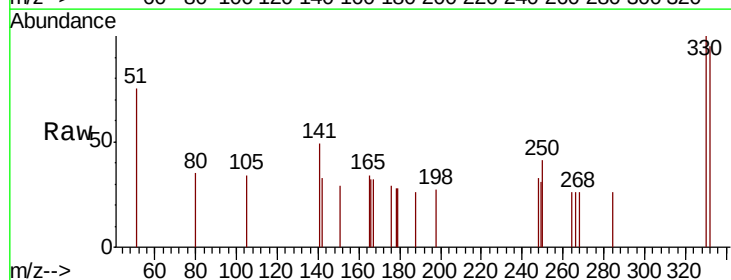
RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

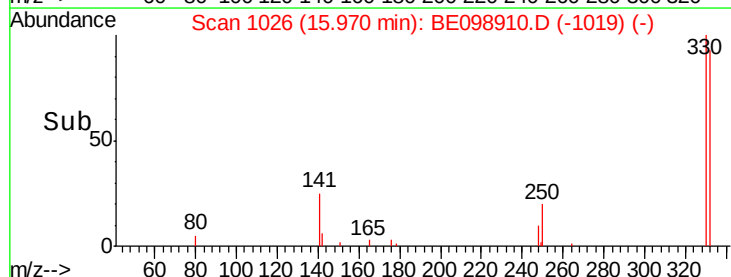
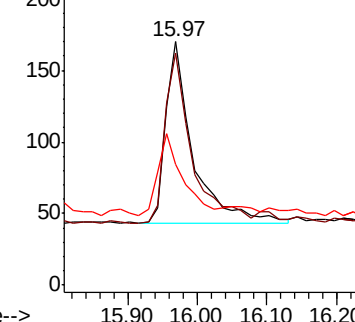
Lab File: BE098910.D

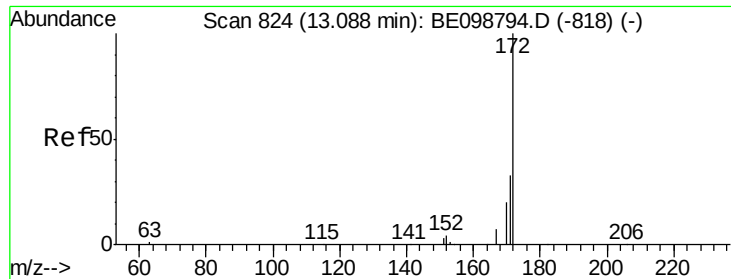
Acq: 13 Mar 2019 14:04

Tgt Ion:	330	Resp:	348
Ion Ratio	Lower	Upper	
330	100		
332	92.0	77.6	116.4
141	41.4	31.0	46.4



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





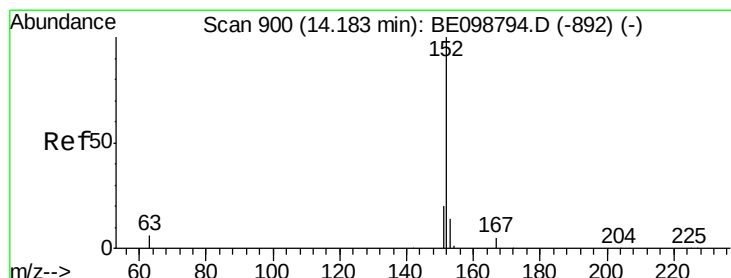
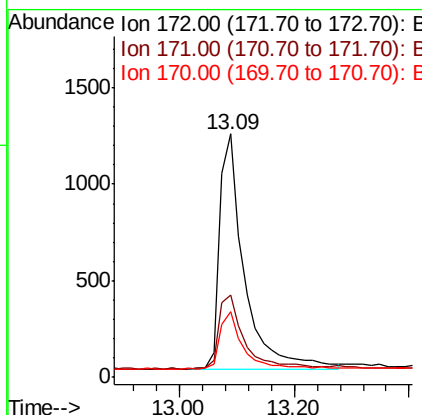
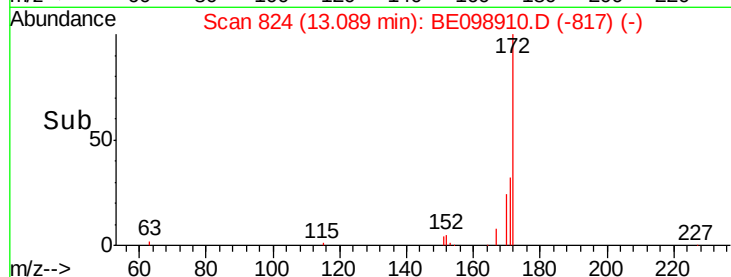
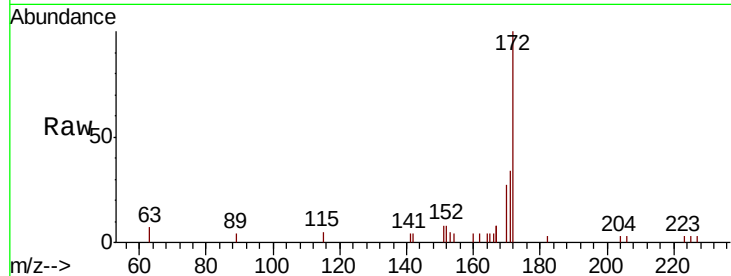
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :
PB117852BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.0	42.0
170	27.0	17.7	26.5

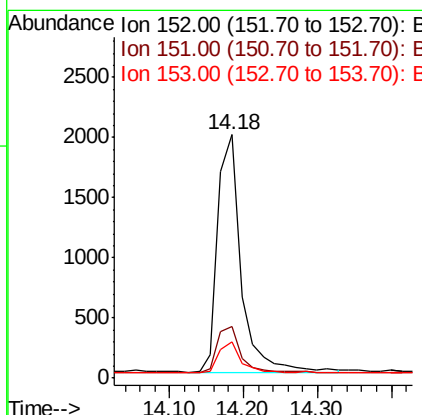
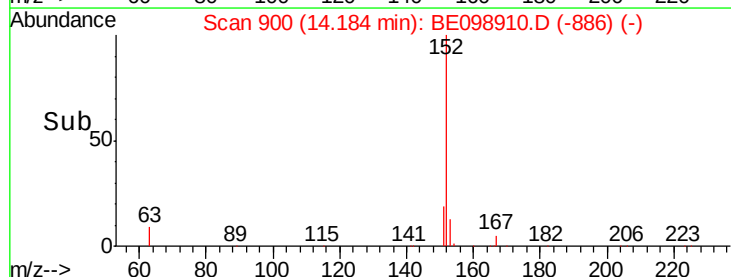
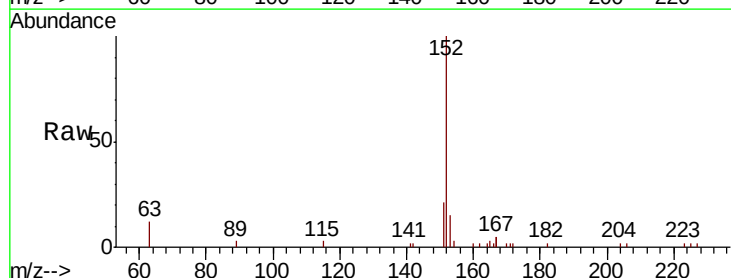
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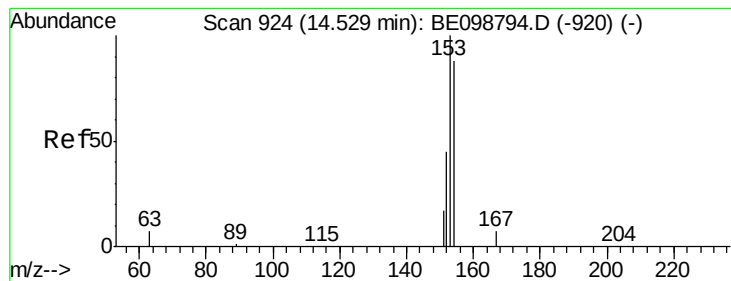
Sohil
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#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.0	25.6
153	13.0	11.2	16.8





#17

Acenaphthene

Concen: 0.359 ng

RT: 14.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

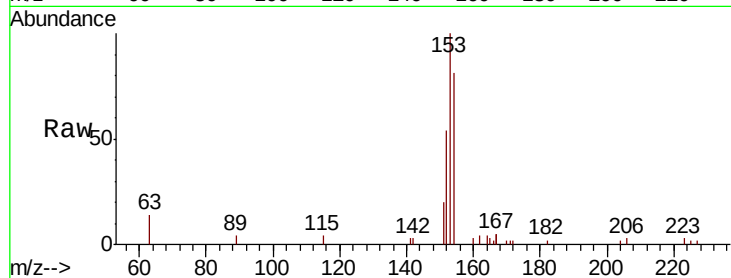
ClientSampleID :

PB117852BS

Tot Ion:	154	Resp:	2560
Ion Ratio	Lower	Upper	
154	100		
153	121.4	94.2	141.4
152	61.9	45.0	67.4

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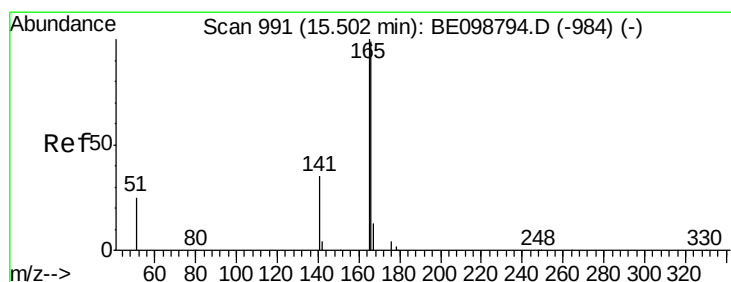
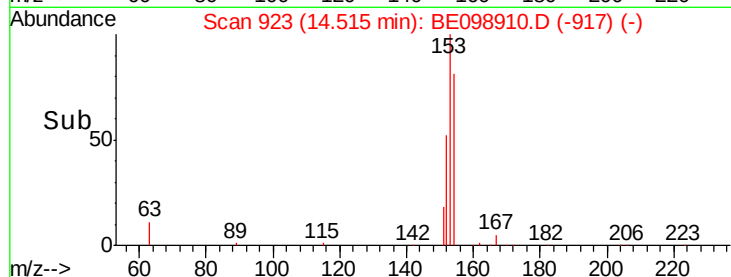
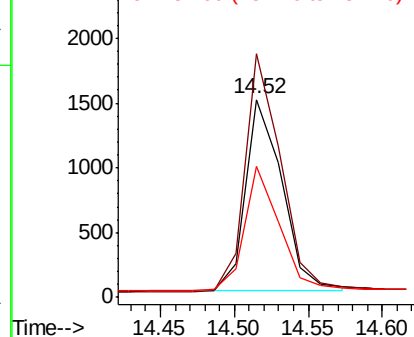


Abundance

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: 0.351 ng

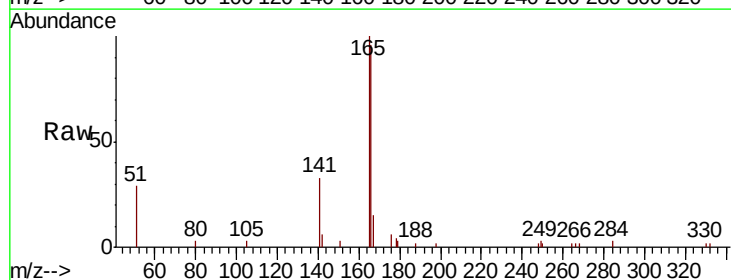
RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Tgt Ion:	166	Resp:	3618
Ion Ratio	Lower	Upper	
166	100		
165	100.6	79.3	118.9
167	13.5	10.5	15.7

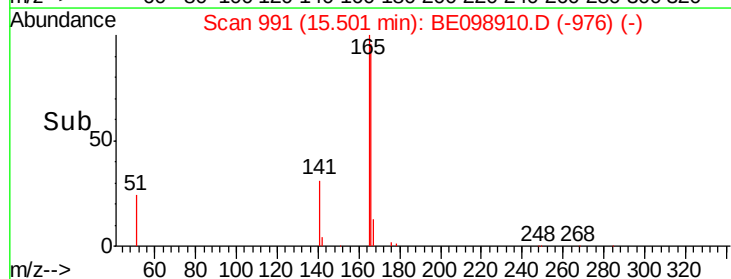
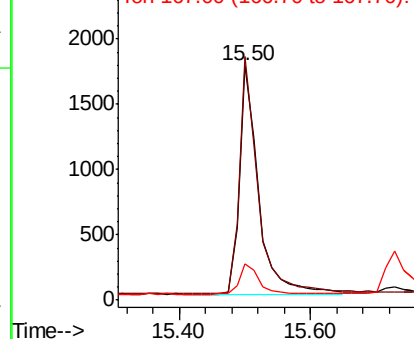


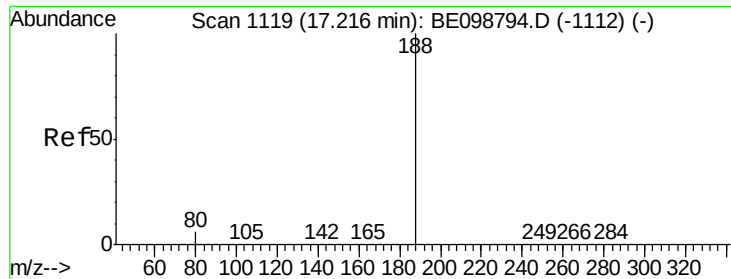
Abundance

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: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

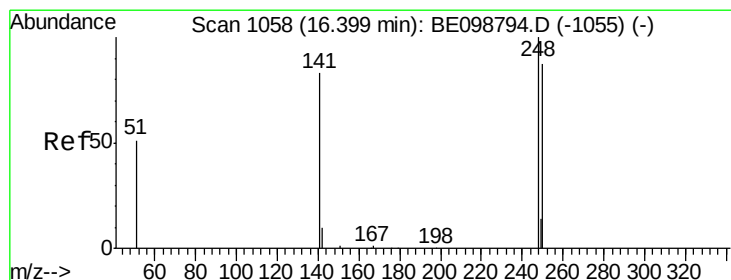
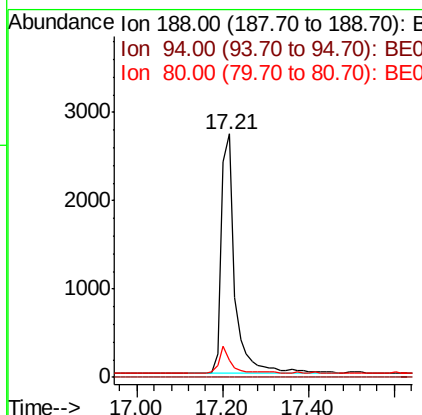
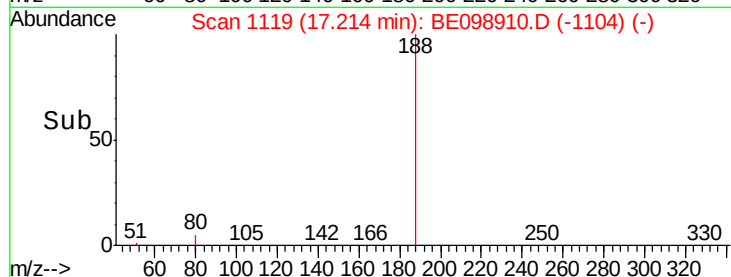
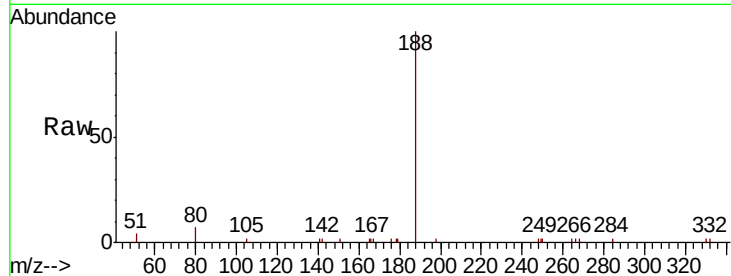
ClientSampleId :

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Tot Ion:	188	Resp:	6042
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.1	6.3	9.5

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#20

4-Bromophenyl-phenylether

Concen: 0.369 ng m

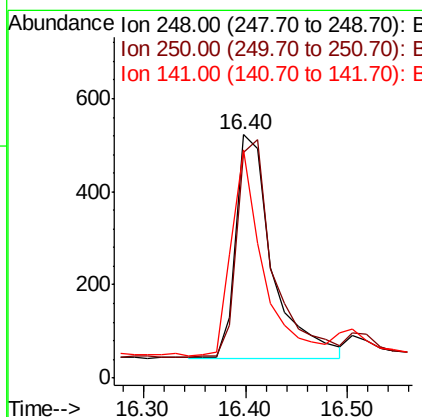
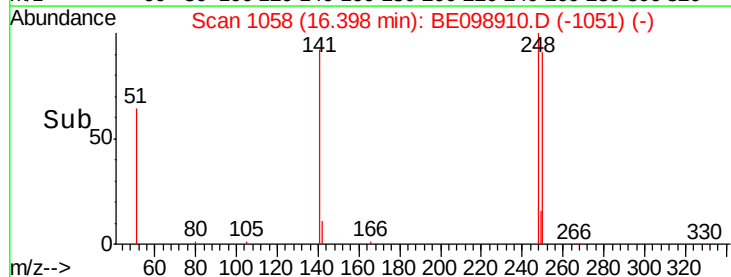
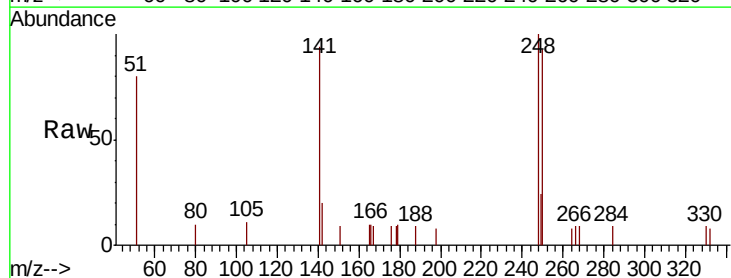
RT: 16.40 min Scan# 1058

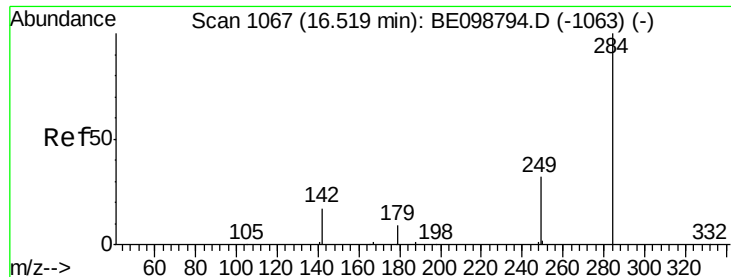
Delta R.T. -0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Tgt Ion:	248	Resp:	1209
Ion Ratio	Lower	Upper	
248	100		
250	92.5	70.6	105.8
141	93.9	68.6	102.8





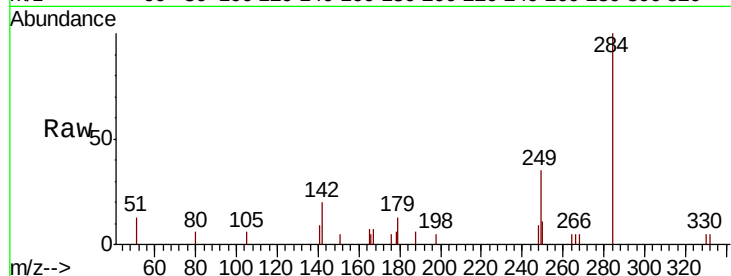
#21
Hexachlorobenzene
Concen: 0.378 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :
PB117852BS

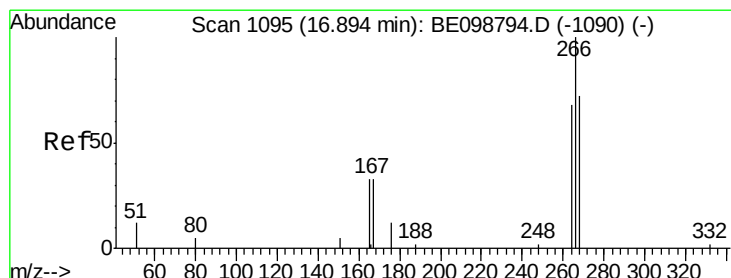
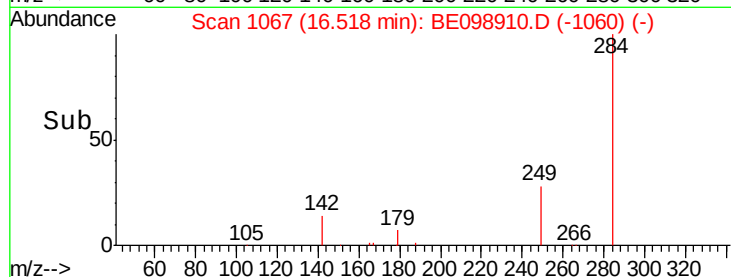
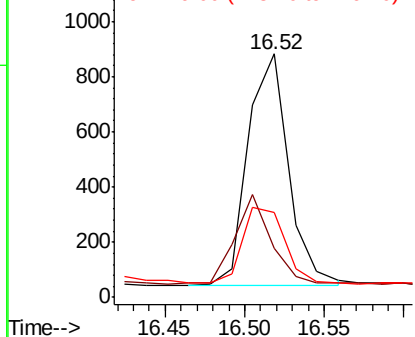
Tot Ion:	284	Resp:	1470
Ion Ratio	Lower	Upper	
284	100		
142	34.8	28.7	43.1
249	33.5	29.6	44.4

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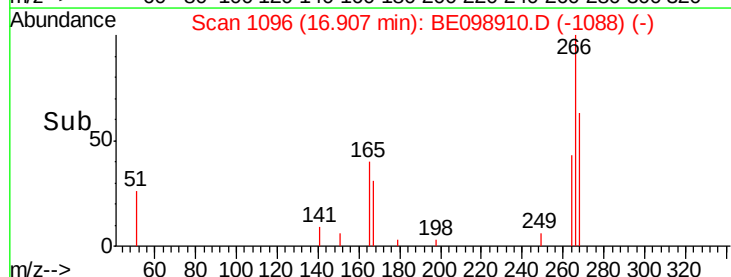
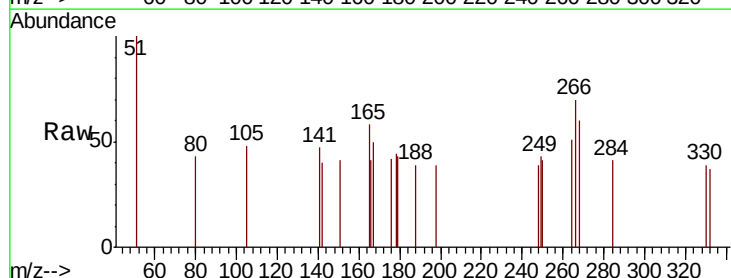
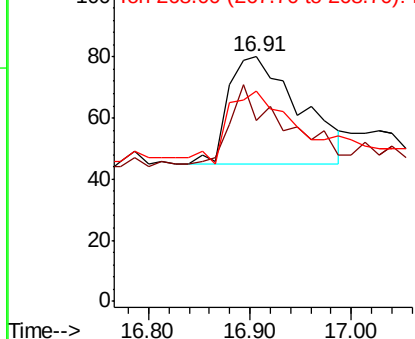
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

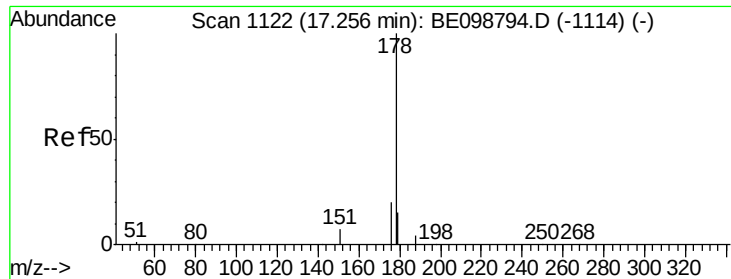


#22
Pentachlorophenol
Concen: 0.394 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:	266	Resp:	172
Ion Ratio	Lower	Upper	
266	100		
264	73.8	66.6	100.0
268	86.3	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: 0.348 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

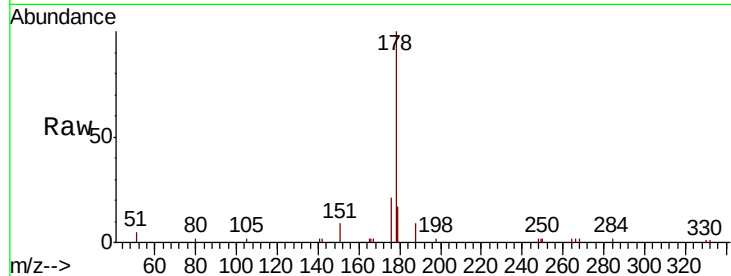
ClientSampleId :

PB117852BS

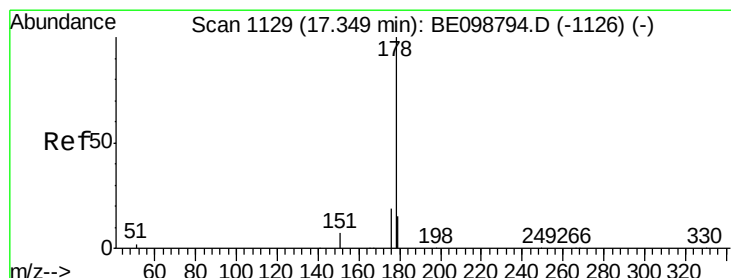
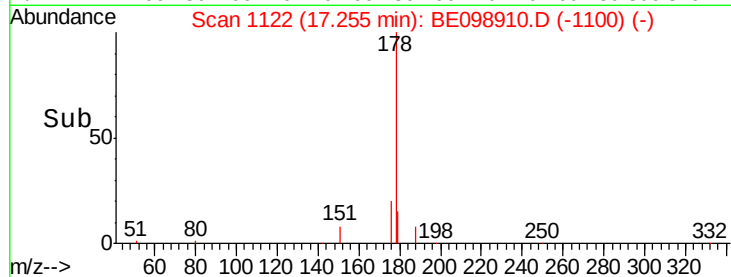
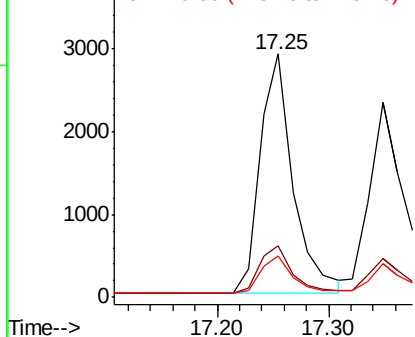
Tot Ion:178	Resp:	5982
Ion Ratio	Lower	Upper
178	100	
176	20.4	16.0 24.0
179	16.3	12.1 18.1

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.304 ng

RT: 17.35 min Scan# 1129

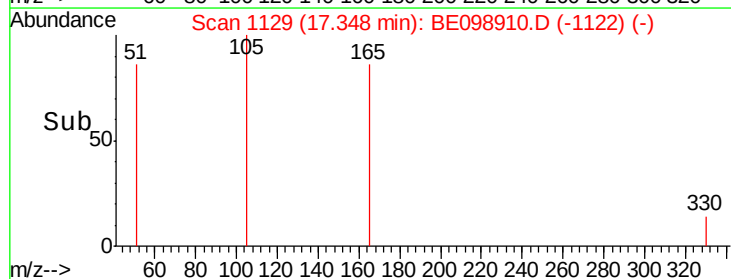
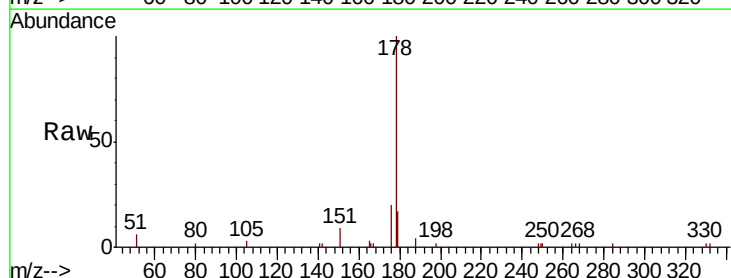
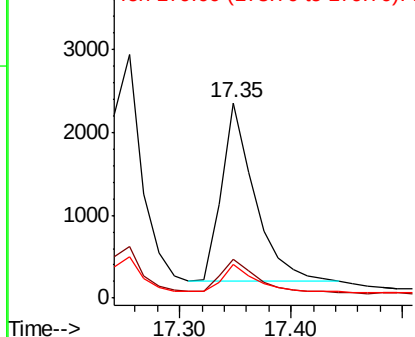
Delta R.T. -0.00 min

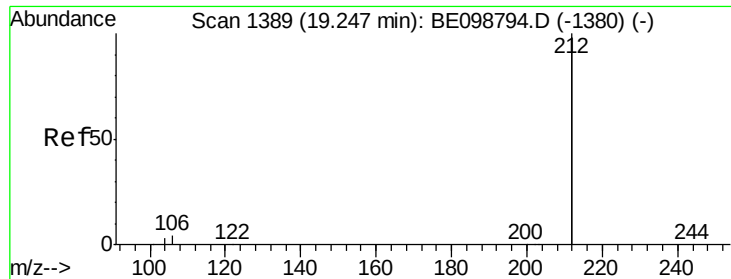
Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Tgt Ion:178	Resp:	4469
Ion Ratio	Lower	Upper
178	100	
176	19.9	15.4 23.0
179	14.9	12.2 18.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.331 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

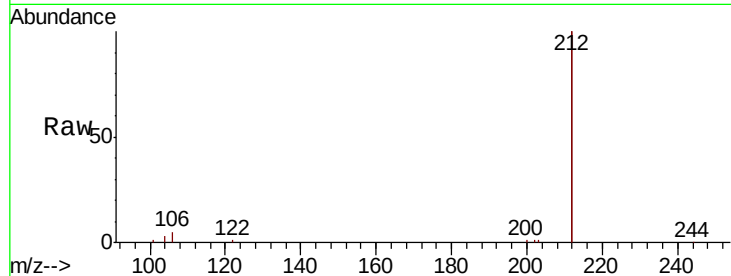
ClientSampleId :

PB117852BS

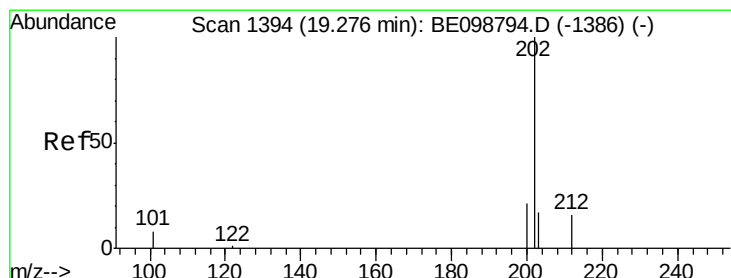
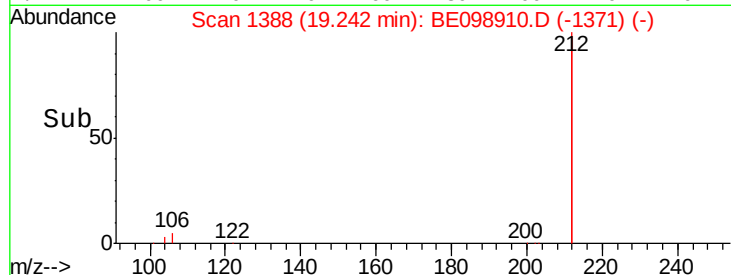
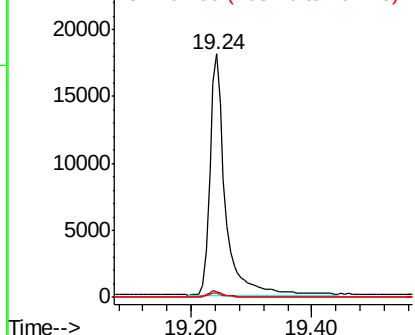
Tot Ion:	212	Resp:	31960
Ion Ratio	Lower	Upper	
212	100		
106	2.3	1.8	2.8
104	1.3	1.0	1.6

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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: 0.330 ng

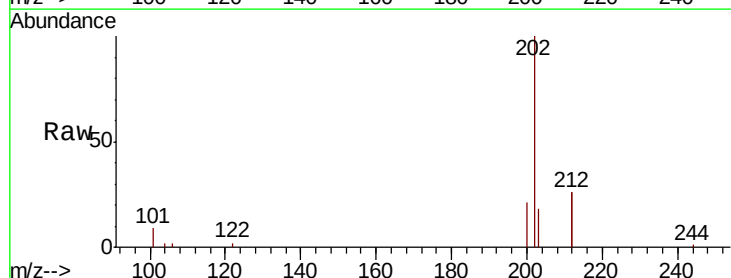
RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

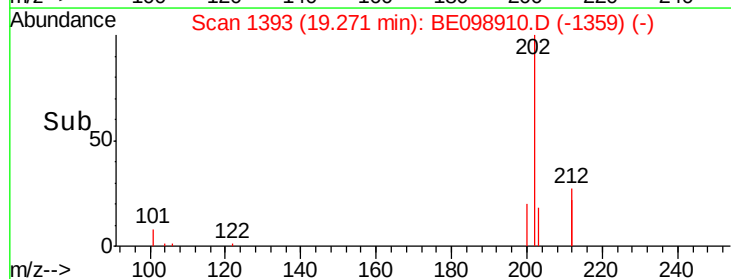
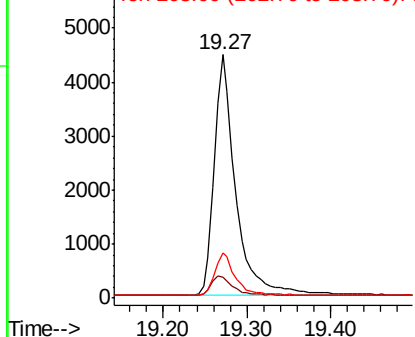
Lab File: BE098910.D

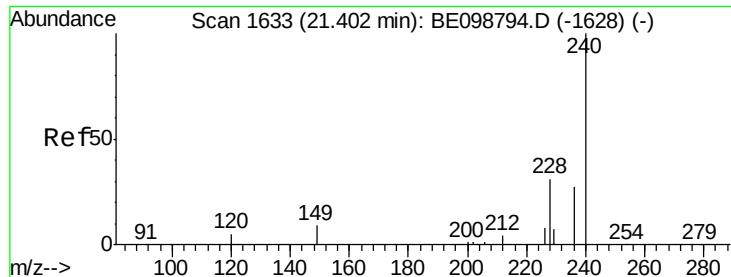
Acq: 13 Mar 2019 14:04

Tgt Ion:	202	Resp:	7995
Ion Ratio	Lower	Upper	
202	100		
101	8.9	7.3	10.9
203	16.6	13.4	20.2



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





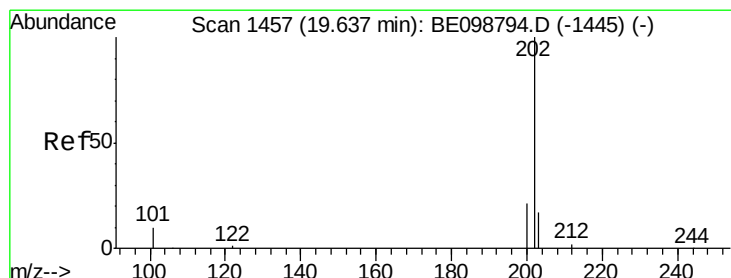
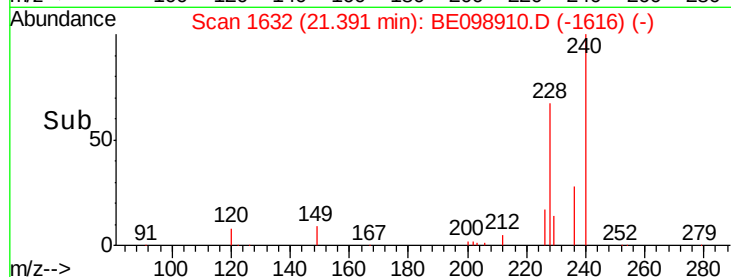
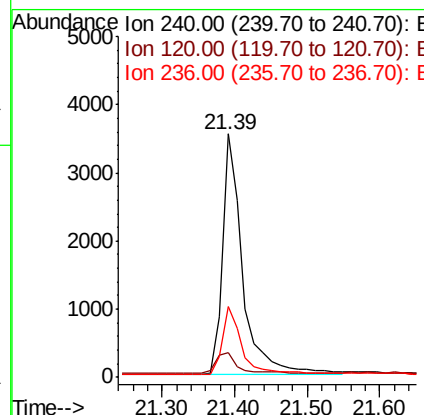
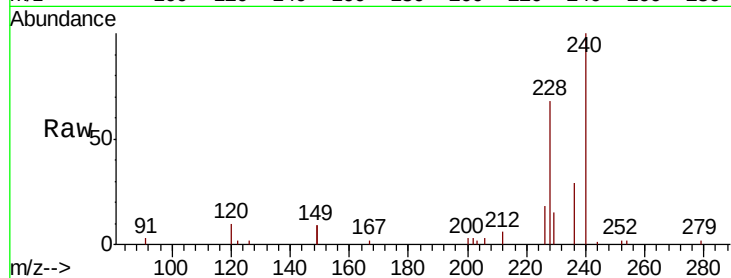
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :
PB117852BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	5.0	7.4#
236	29.3	22.7	34.1

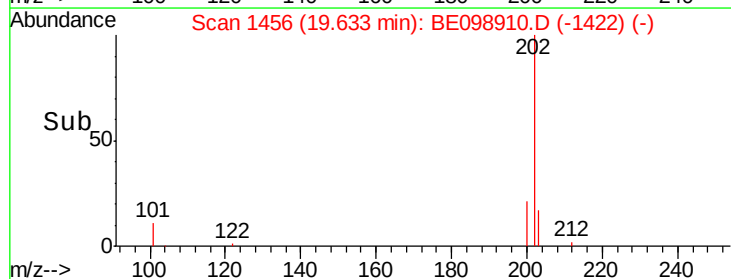
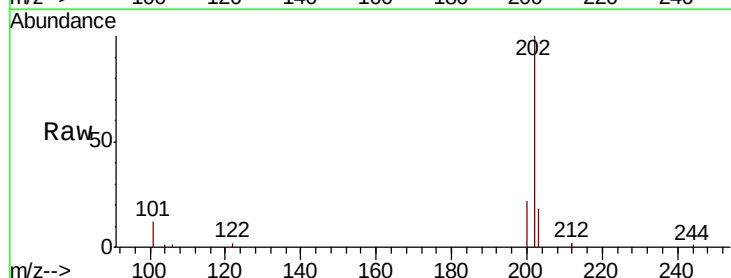
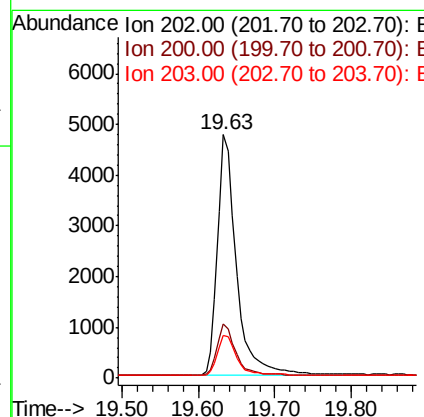
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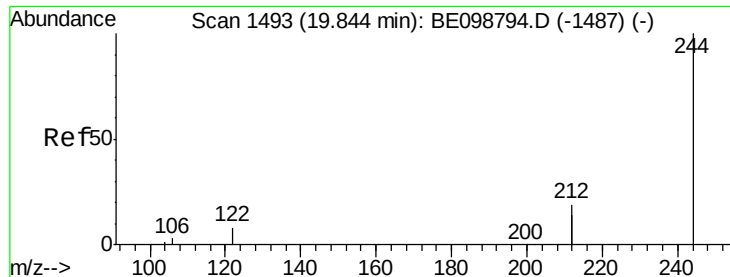
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#28
Pyrene
Concen: 0.398 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	17.5	14.2	21.2





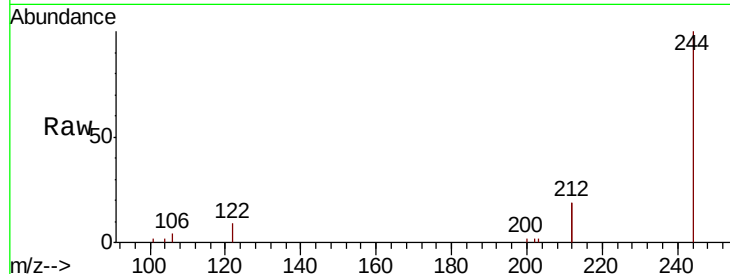
#29
 Terphenyl-d14
 Concen: 0.384 ng
 RT: 19.85 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BE098910.D
 Acq: 13 Mar 2019 14:04

Instrument :
 BNA_E
 ClientSampleId :
 PB117852BS

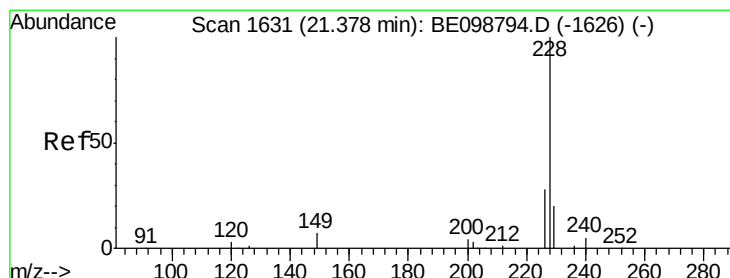
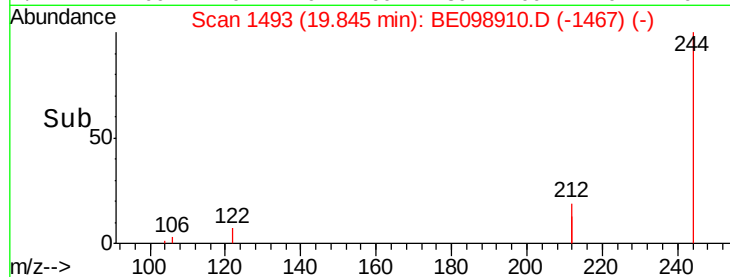
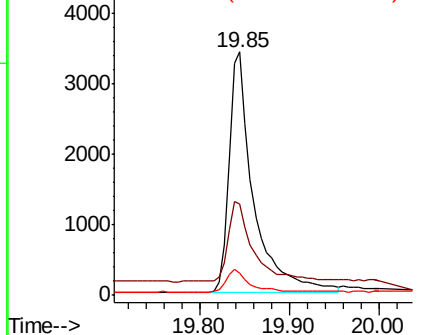
Tot Ion:	244	Resp:	6340
Ion	Ratio	Lower	Upper
244	100		
212	37.6	29.4	44.2
122	8.9	7.1	10.7

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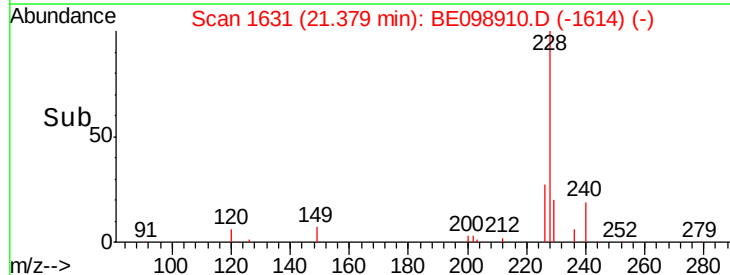
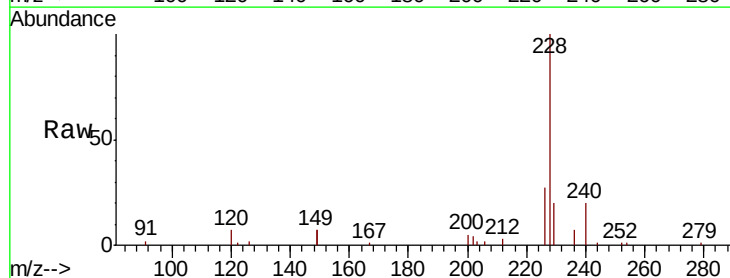
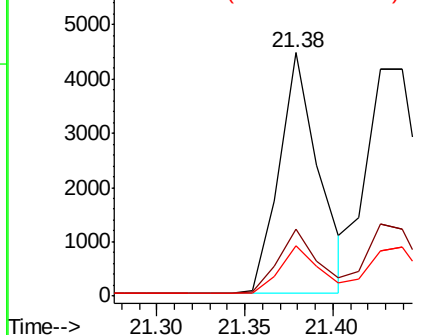
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

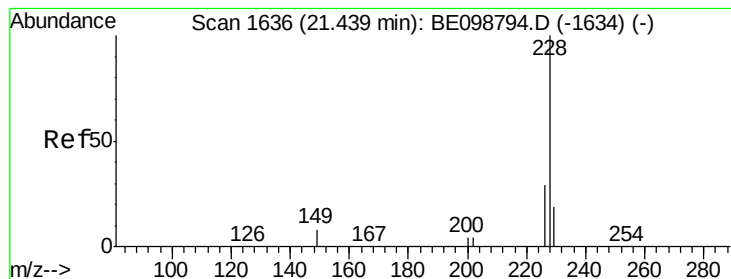


#30
 Benzo(a)anthracene
 Concen: 0.331 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE098910.D
 Acq: 13 Mar 2019 14:04

Tgt Ion:	228	Resp:	7008
Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.0	34.4
229	20.4	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: 0.398 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

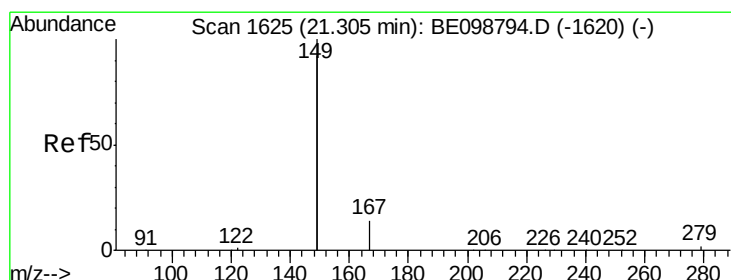
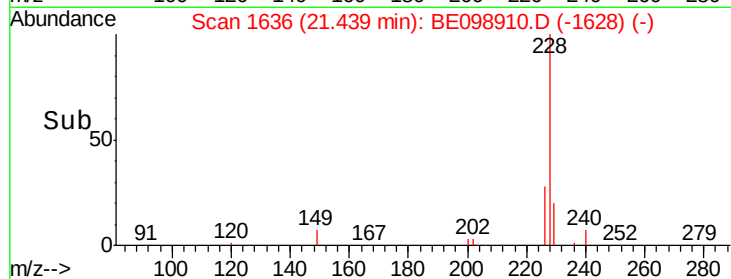
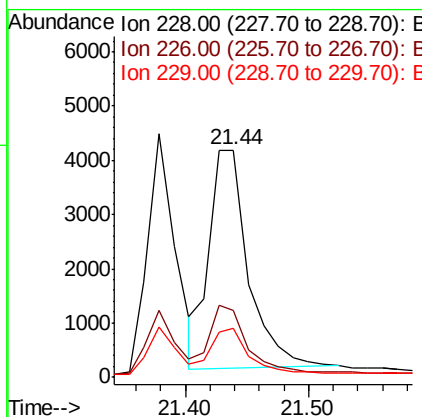
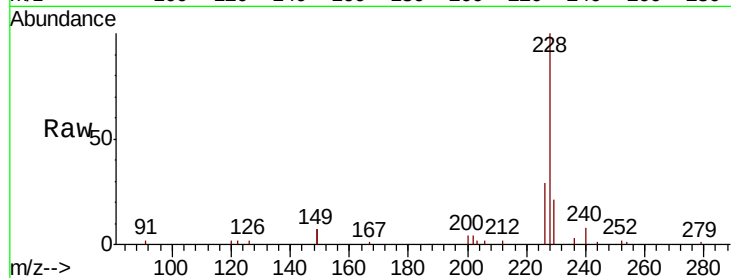
ClientSampleId :

PB117852BS

Tot Ion:228	Resp:	9012
Ion Ratio	Lower	Upper
228	100	
226	29.2	23.7 35.5
229	21.3	16.1 24.1

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.288 ng

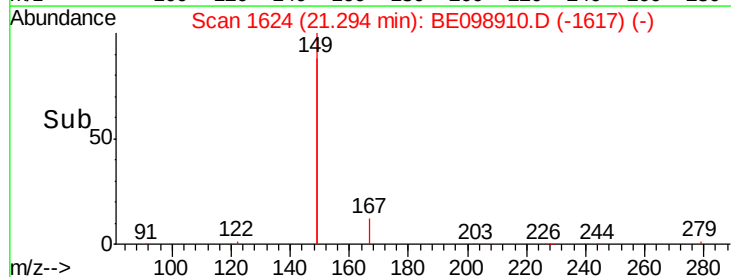
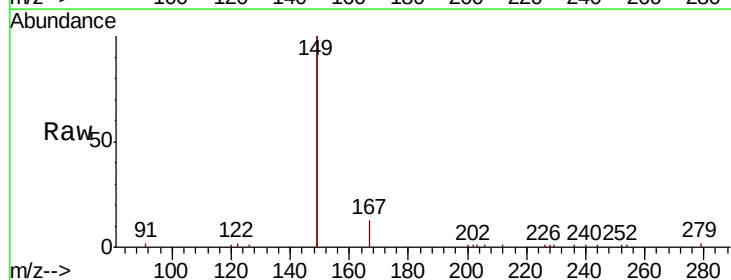
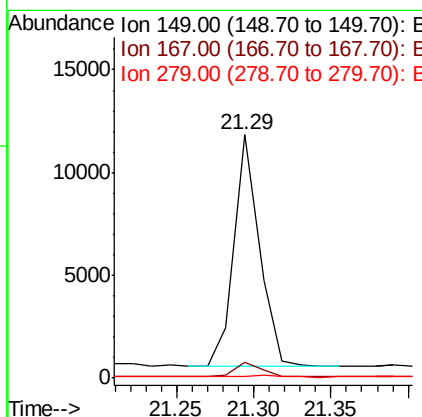
RT: 21.29 min Scan# 1624

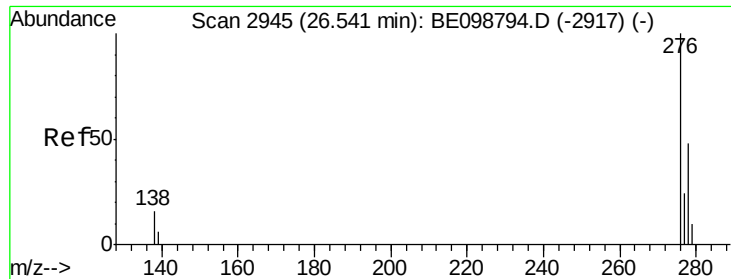
Delta R.T. -0.01 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Tgt Ion:149	Resp:	12967
Ion Ratio	Lower	Upper
149	100	
167	6.8	5.4 8.0
279	1.4	1.0 1.4





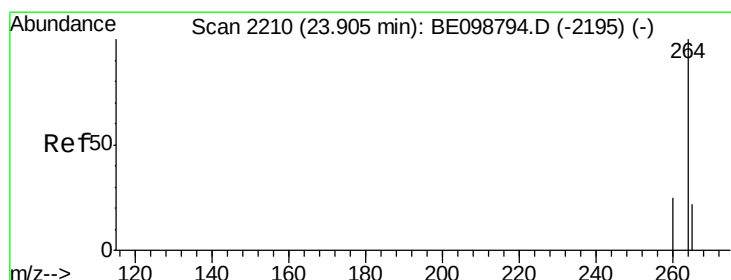
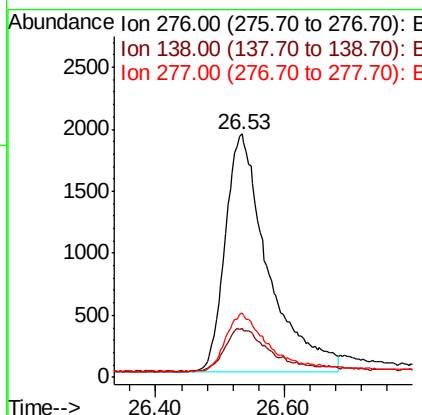
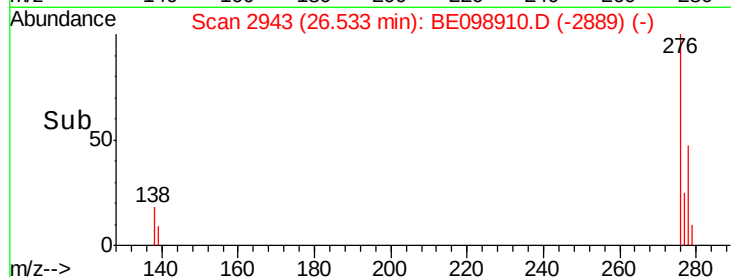
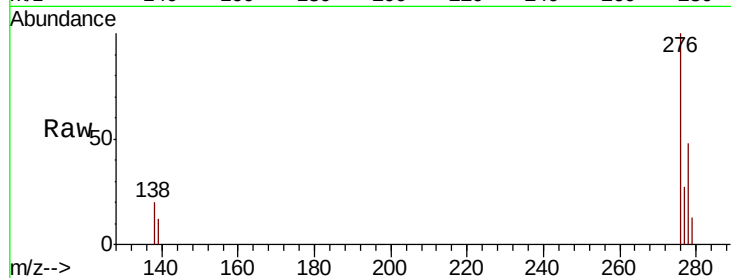
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :
PB117852BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	13.8	20.8
277	23.1	19.5	29.3

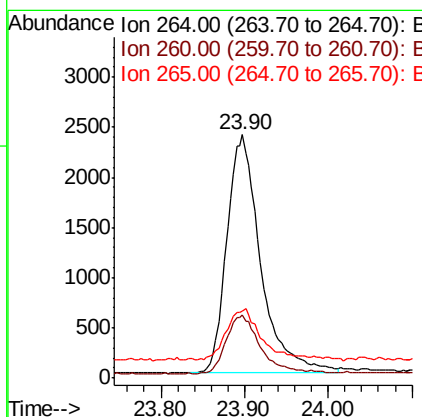
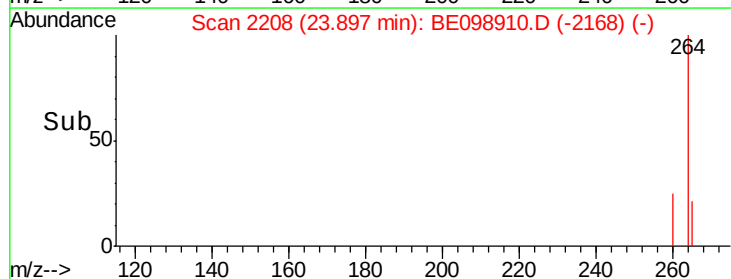
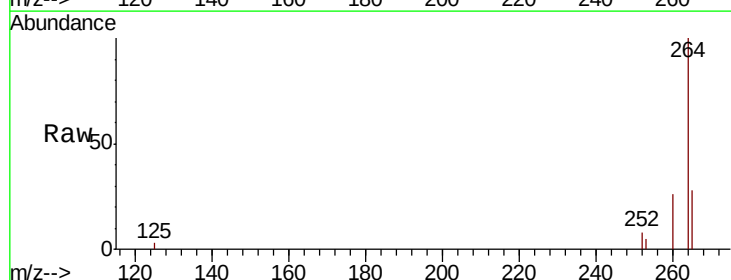
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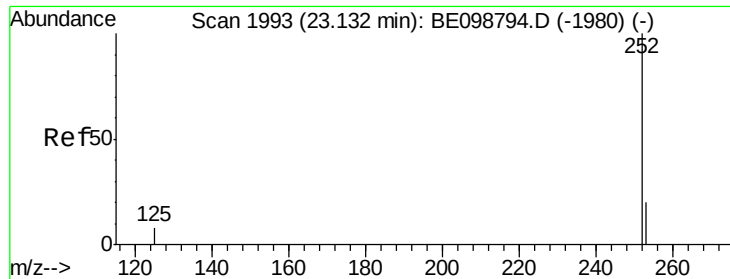
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.2	31.8
265	27.6	24.6	36.8





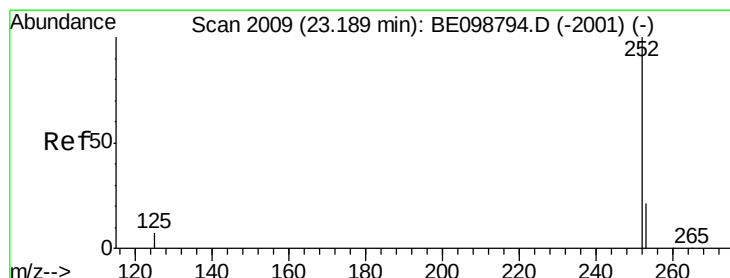
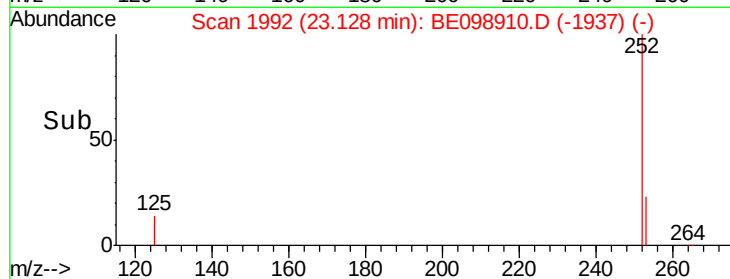
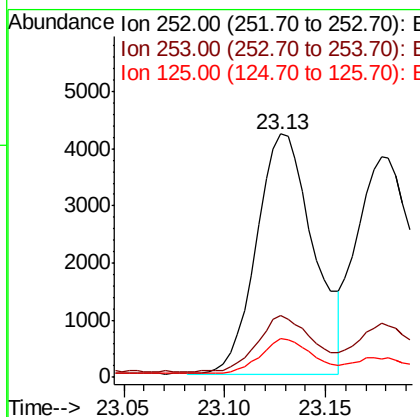
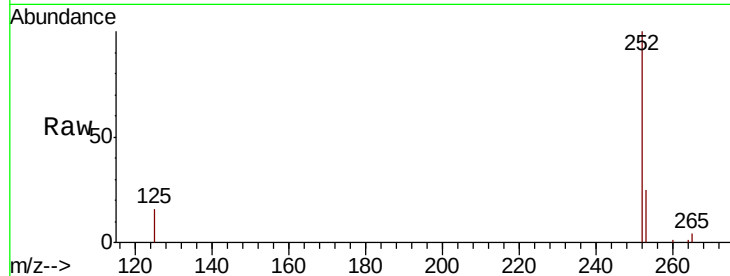
#35
Benzo(b)fluoranthene
Concen: 0.376 ng m
RT: 23.13 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :
PB117852BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.2
125	15.7	7.3	10.9

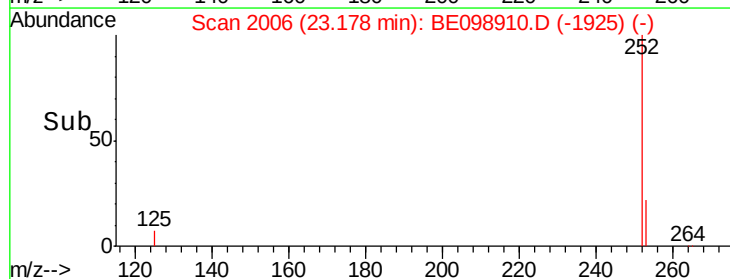
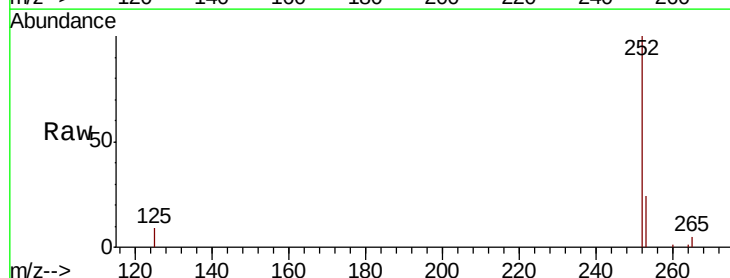
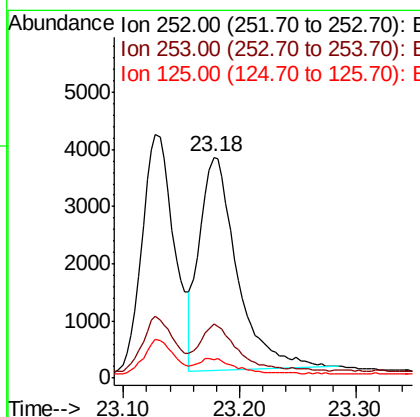
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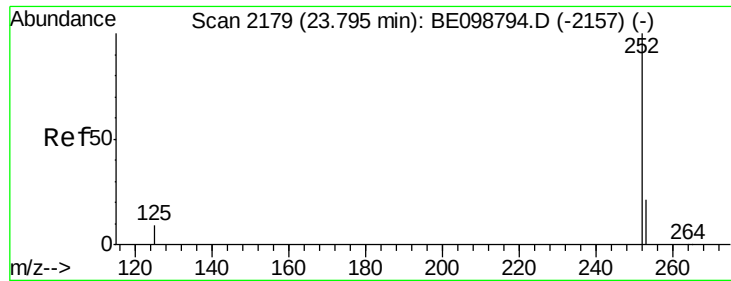
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#36
Benzo(k)fluoranthene
Concen: 0.368 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.3	28.9
125	8.6	7.5	11.3





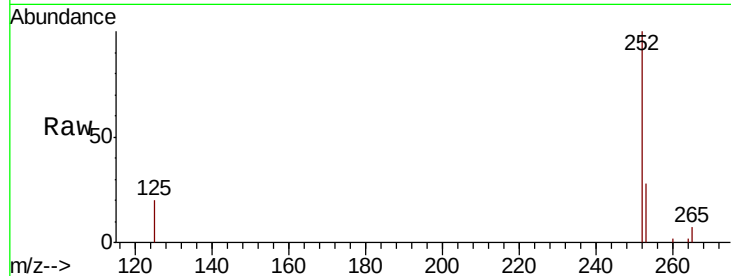
#37
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :
PB117852BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.9	29.9
125	20.2	9.0	13.4

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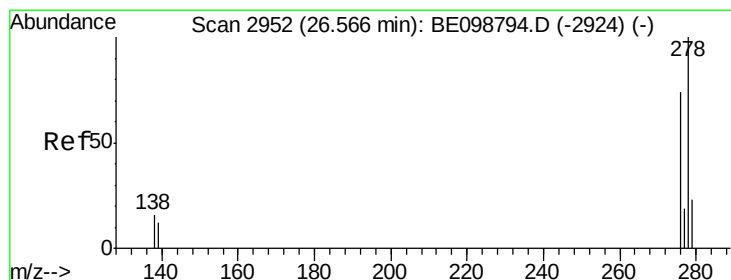
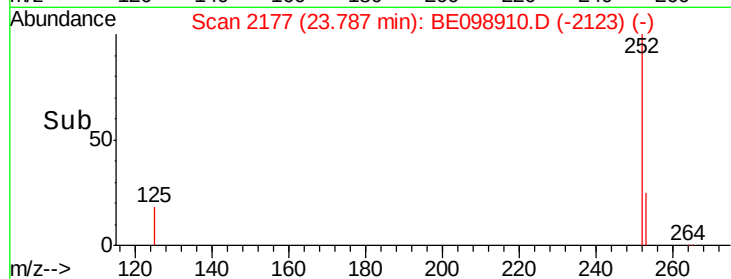
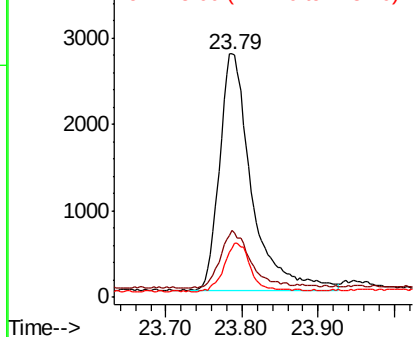


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.330 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

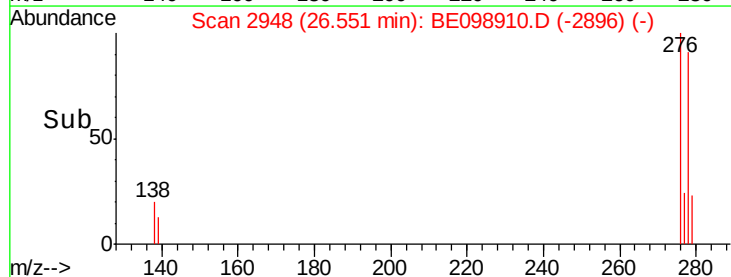
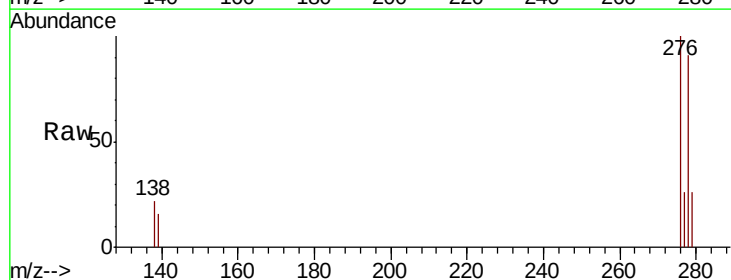
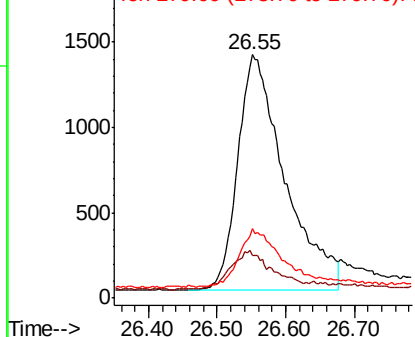
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	11.8	17.6
279	28.7	21.1	31.7

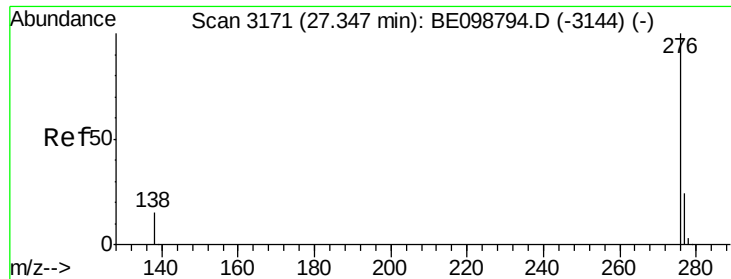
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.371 ng

RT: 27.33 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BE098910.D

Acq: 13 Mar 2019 14:04

Instrument :

BNA_E

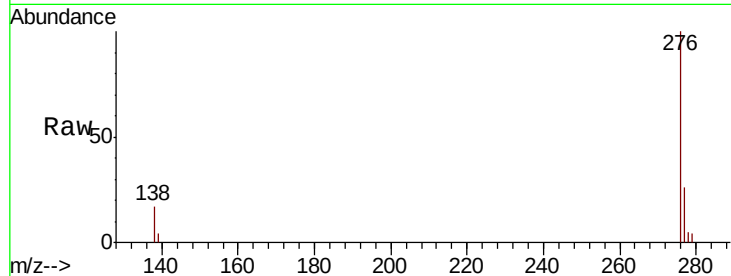
ClientSampleId :

PB117852BS

Tot Ion:	276	Resp:	7723
Ion Ratio	Lower	Upper	
276	100		
277	25.9	20.4	30.6
138	17.1	13.6	20.4

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

