

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030719\
 Data File : BE098813.D
 Acq On : 7 Mar 2019 10:45
 Operator : JU/SJ
 Sample : PB117620BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117620BS

Manual Integrations
 APPROVED

Sohil
 3/8/2019 10:38:24 AM

Quant Time: Mar 07 13:04:52 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	7.80	152	960	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3803	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2537	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6615	0.40	ng	0.00
27) Chrysene-d12	21.39	240	8438	0.40	ng	-0.01
34) Perylene-d12	23.90	264	8533	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1045	0.36	ng	0.00
5) Phenol-d6	6.98	99	1386	0.34	ng	0.00
8) Nitrobenzene-d5	8.96	82	1477	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2818	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	458	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4071	0.39	ng	0.00
25) Fluoranthene-d10	19.25	212	39948	0.38	ng	0.00
29) Terphenyl-d14	19.85	244	8127	0.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	706	0.373	ng	98
3) n-Nitrosodimethylamine	3.63	42	766	0.317	ng	# 96
6) bis(2-Chloroethyl)ether	7.22	93	1061	0.339	ng	# 90
9) Naphthalene	10.64	128	17714	0.407	ng	99
10) Hexachlorobutadiene	10.91	225	1155	0.401	ng	98
12) 2-Methylnaphthalene	12.27	142	2798	0.396	ng	97
16) Acenaphthylene	14.18	152	5060	0.388	ng	98
17) Acenaphthene	14.53	154	3035	0.392	ng	98
18) Fluorene	15.50	166	4211	0.377	ng	97
20) 4-Bromophenyl-phenylether	16.40	248	1361	0.380	ng	95
21) Hexachlorobenzene	16.52	284	1611	0.378	ng	98
22) Pentachlorophenol	16.89	266	263	0.446	ng	90
23) Phenanthrene	17.25	178	7211	0.383	ng	99
24) Anthracene	17.35	178	5963	0.371	ng	99
26) Fluoranthene	19.28	202	10114	0.381	ng	99
28) Pyrene	19.64	202	10450	0.405	ng	100
30) Benzo(a)anthracene	21.38	228	10857	0.412	ng	98
31) Chrysene	21.44	228	10702	0.380	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	19452	0.347	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	12269	0.412	ng	97
35) Benzo(b)fluoranthene	23.13	252	11114m	0.396	ng	
36) Benzo(k)fluoranthene	23.18	252	11321	0.385	ng	97
37) Benzo(a)pyrene	23.79	252	10514	0.391	ng	# 96
38) Dibenzo(a,h)anthracene	26.56	278	10045	0.395	ng	# 96
39) Benzo(g,h,i)perylene	27.35	276	10210	0.384	ng	99

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

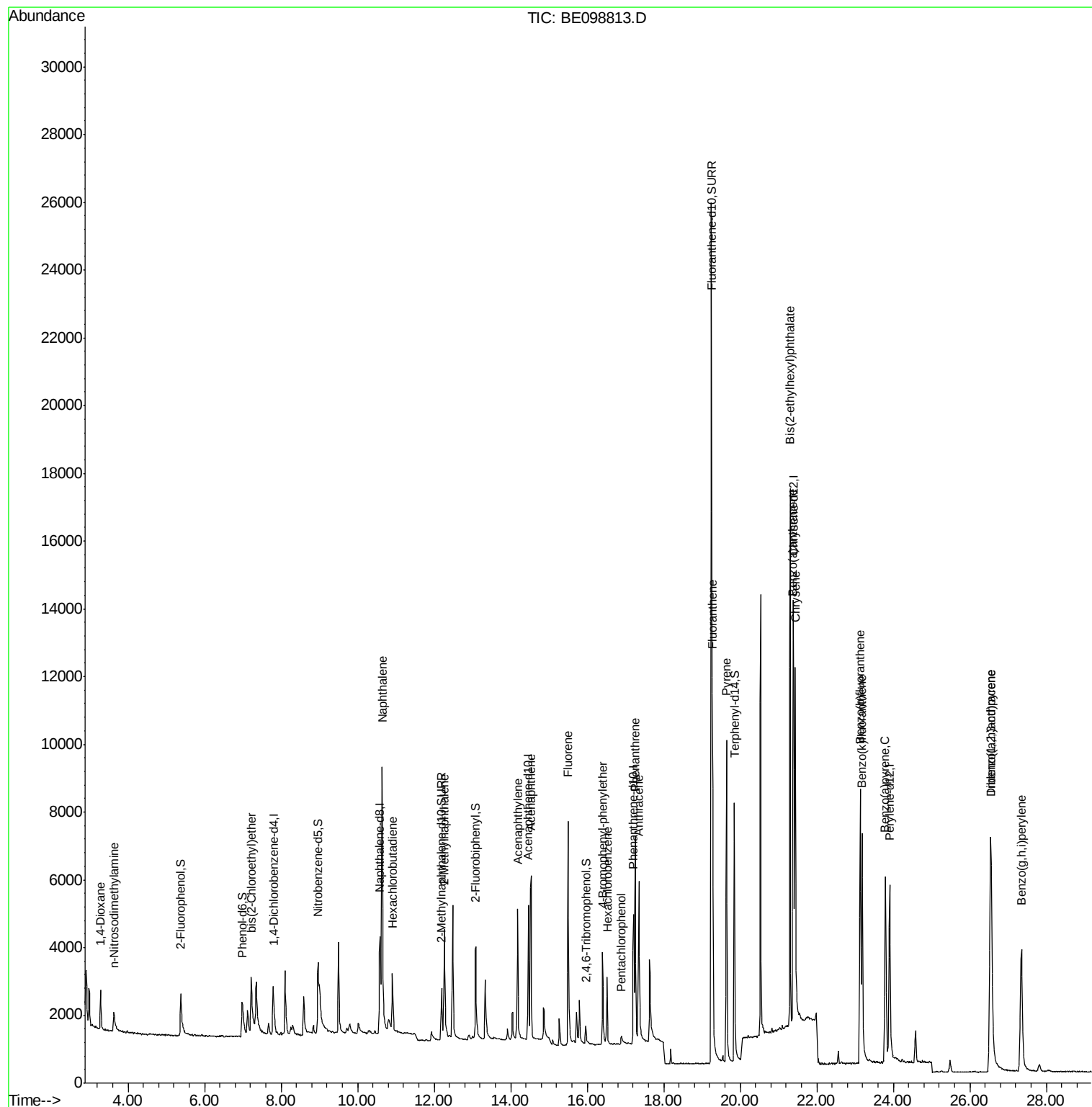
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030719\
Data File : BE098813.D
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#1

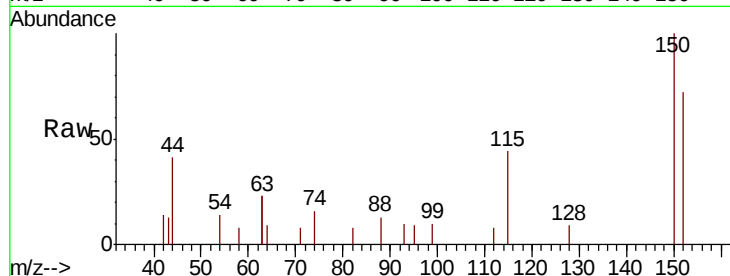
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Instrument :
BNA_E
ClientSampleId :
PB117620BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.5	122.5	183.7
115	61.1	57.4	86.2

Manual Integrations
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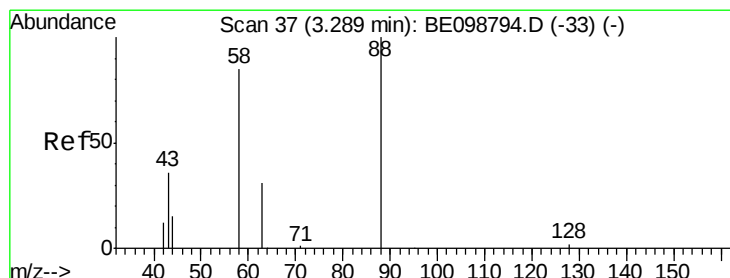
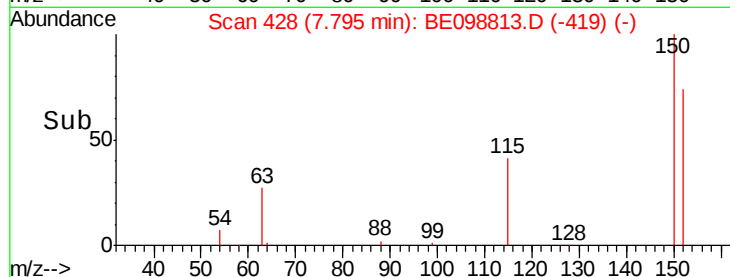
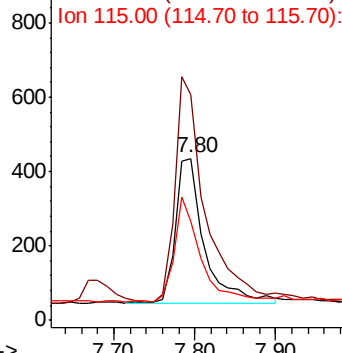


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

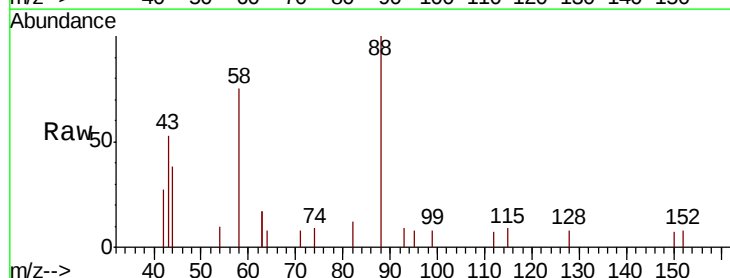
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.373 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.3	75.8	113.6
43	49.3	41.8	62.8

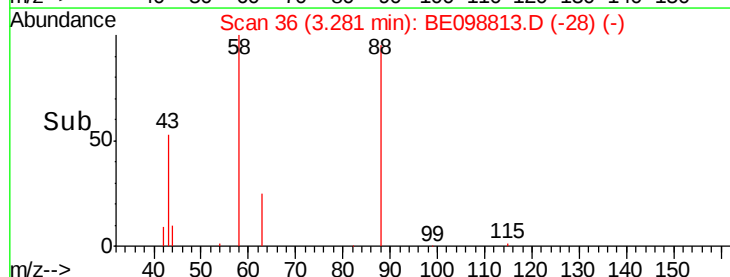
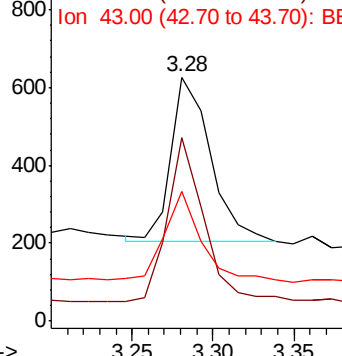


Abundance

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





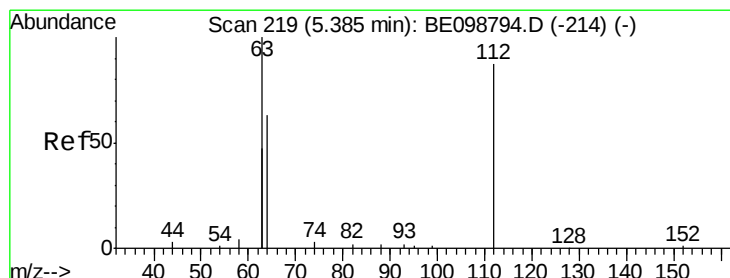
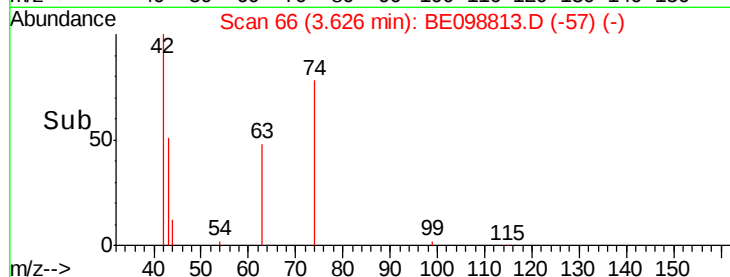
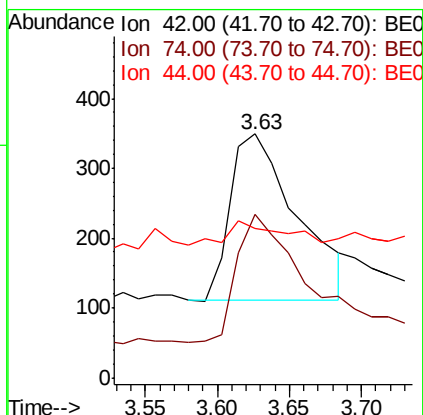
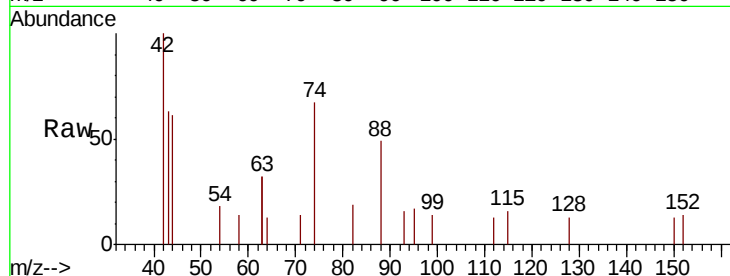
#3
n-Nitrosodimethylamine
Concen: 0.317 ng
RT: 3.63 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Instrument :
BNA_E
ClientSampleId :
PB117620BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	67.8	57.0	85.4
44	12.9	0.0	0.0#

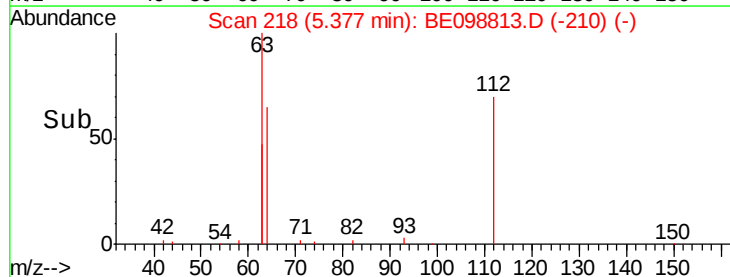
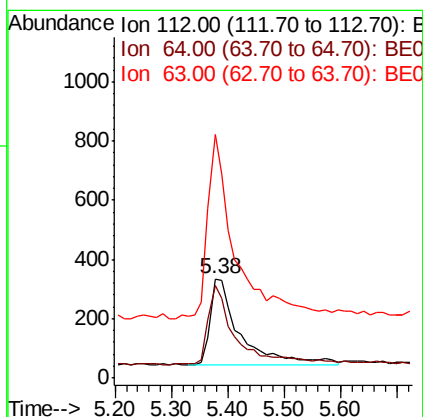
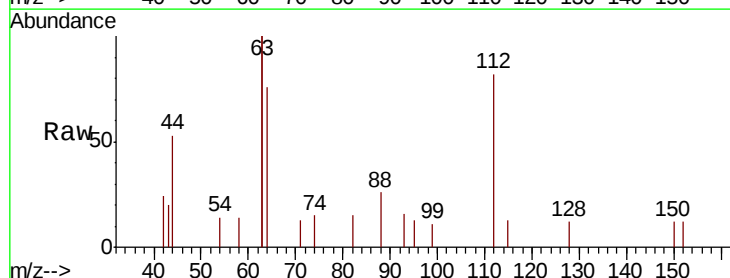
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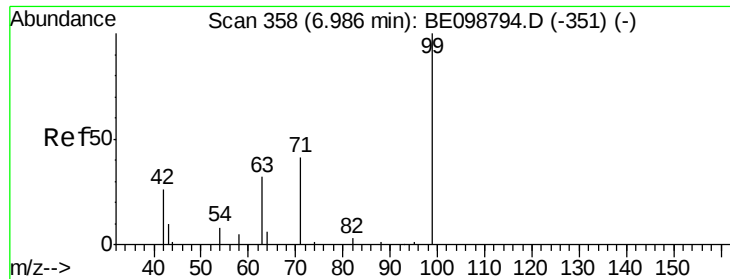
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#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.38 min Scan# 218
Delta R.T. -0.01 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	83.2	57.9	86.9
63	206.6	158.3	237.5





#5

Phenol-d6

Concen: 0.342 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098813.D

Acq: 7 Mar 2019 10:45

Instrument :

BNA_E

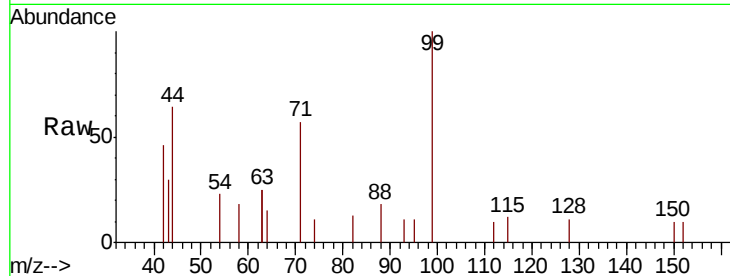
ClientSampleId :

PB117620BS

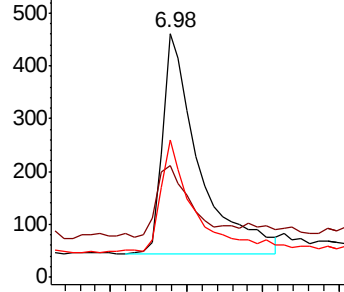
Tot Ion:	99	Resp:	1386
Ion	Ratio	Lower	Upper
99	100		
42	29.6	24.2	36.2
71	48.1	35.7	53.5

Manual Integrations
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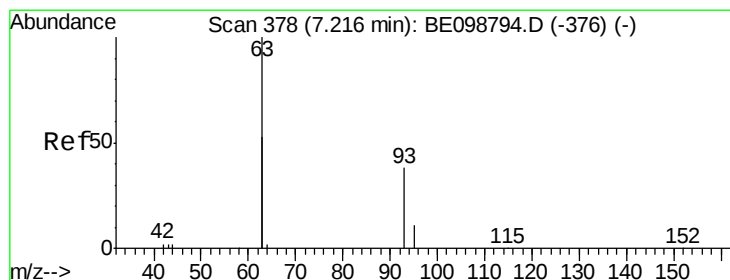
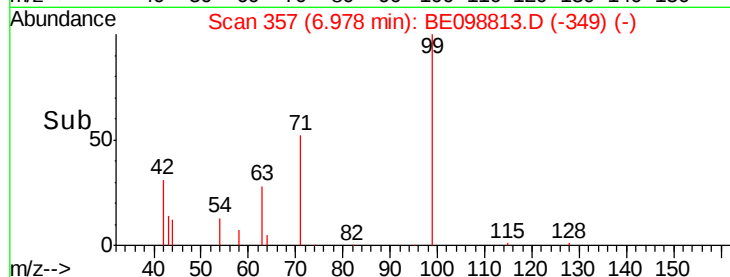
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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.339 ng

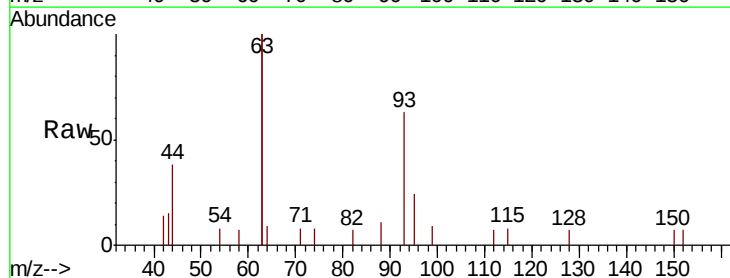
RT: 7.22 min Scan# 378

Delta R.T. 0.00 min

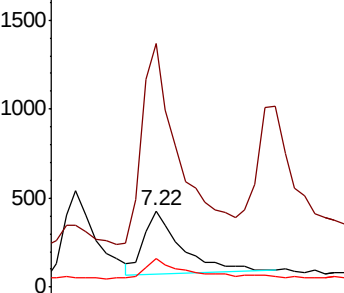
Lab File: BE098813.D

Acq: 7 Mar 2019 10:45

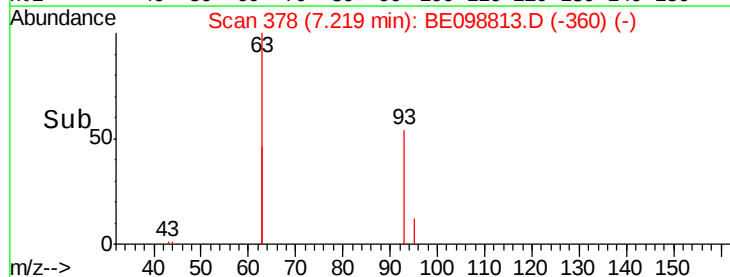
Tgt Ion:	93	Resp:	1061
Ion	Ratio	Lower	Upper
93	100		
63	328.9	247.5	371.3
95	36.8	21.8	32.8#



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



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098813.D

Acq: 7 Mar 2019 10:45

Instrument :

BNA_E

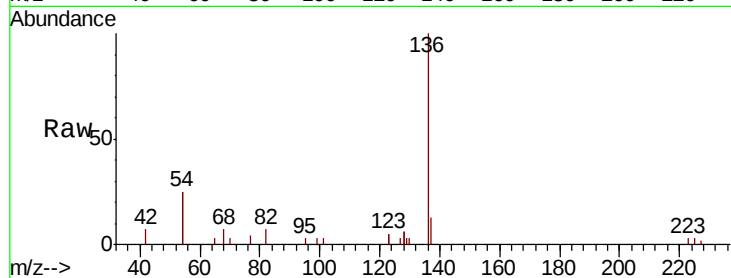
ClientSampleId :

PB117620BS

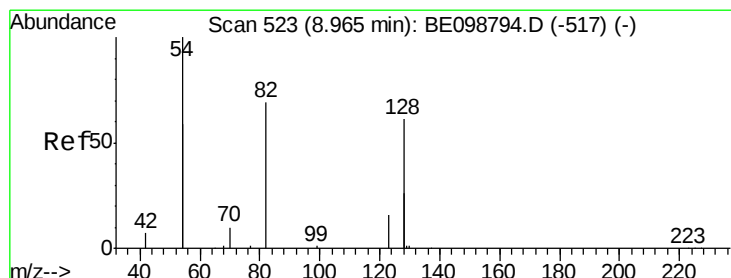
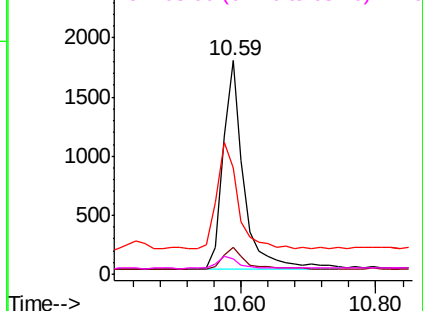
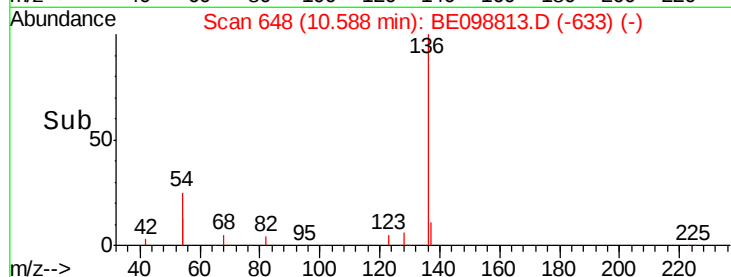
Tot Ion	Ratio	Lower	Upper
136	100		
137	12.9	11.4	17.0
54	49.6	39.3	58.9
68	7.4	6.7	10.1

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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: 0.370 ng

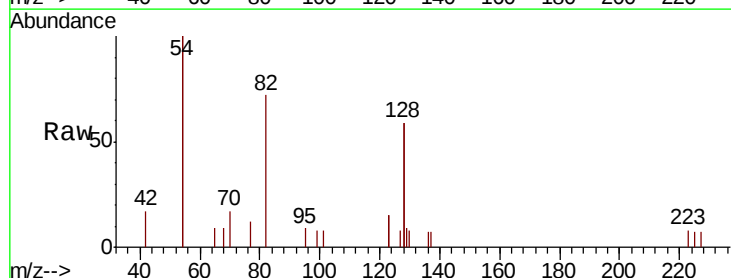
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

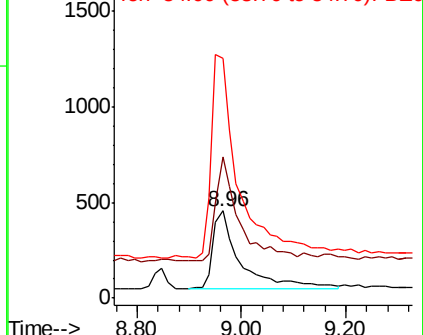
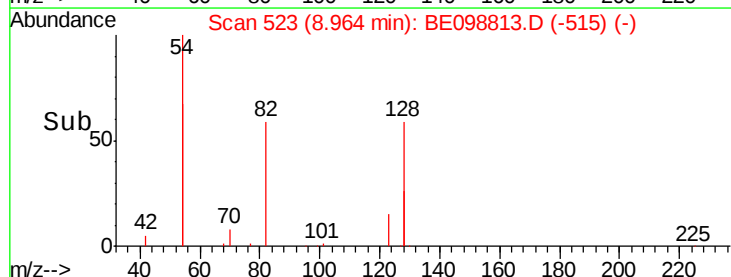
Lab File: BE098813.D

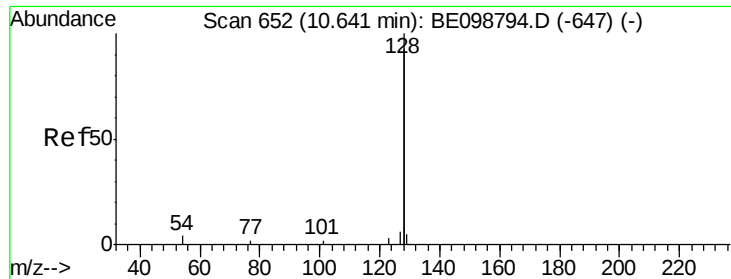
Acq: 7 Mar 2019 10:45

Tgt Ion	Ratio	Lower	Upper
82	100		
128	161.8	123.8	185.8
54	276.5	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: 0.407 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098813.D

Acq: 7 Mar 2019 10:45

Instrument :

BNA_E

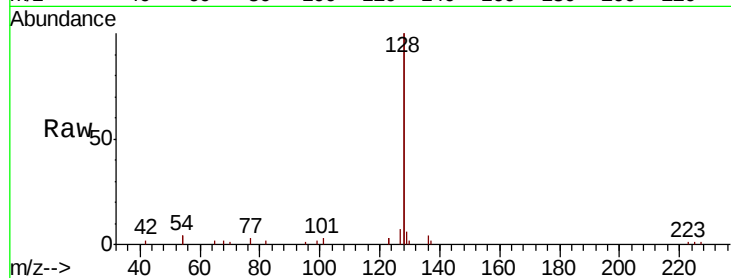
ClientSampleId :

PB117620BS

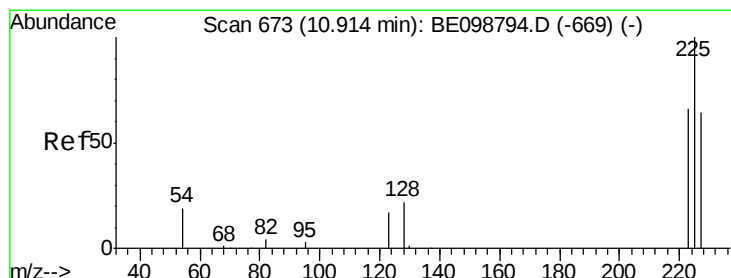
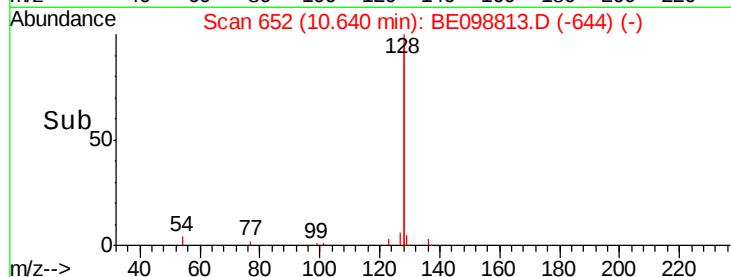
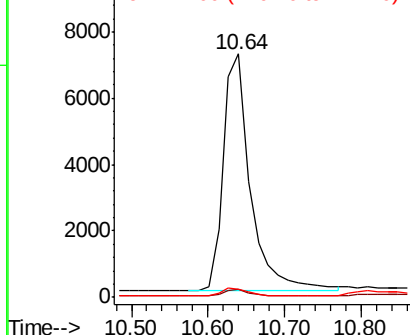
Tot Ion:	128	Resp:	17714
Ion Ratio	Lower	Upper	
128	100		
129	3.1	2.6	4.0
127	3.6	3.1	4.7

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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: 0.401 ng

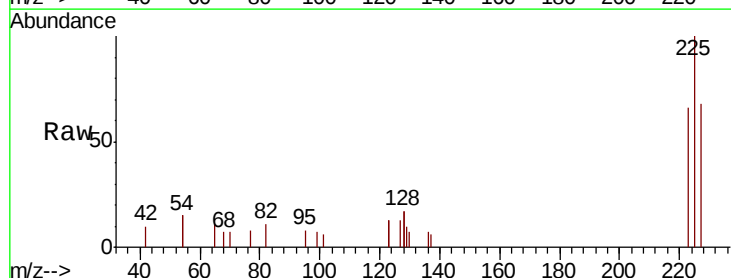
RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

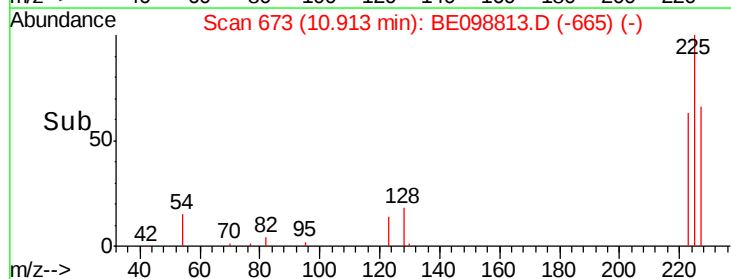
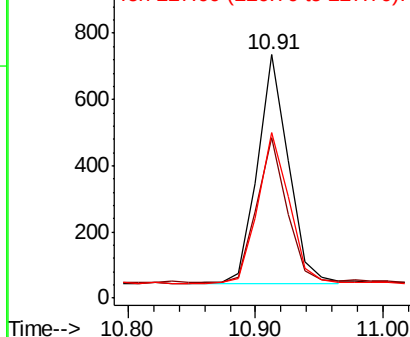
Lab File: BE098813.D

Acq: 7 Mar 2019 10:45

Tgt Ion:	225	Resp:	1155
Ion Ratio	Lower	Upper	
225	100		
223	62.6	51.1	76.7
227	67.0	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





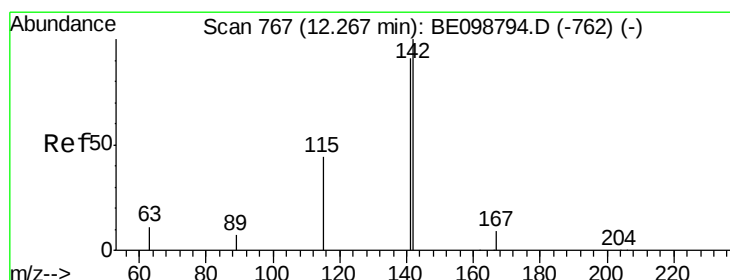
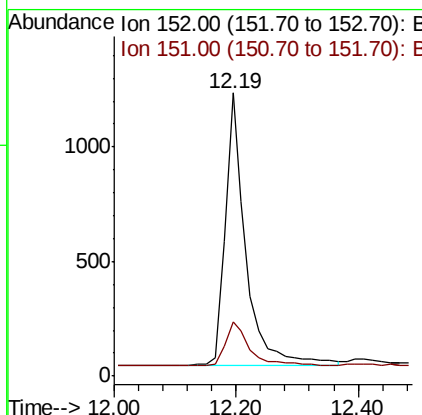
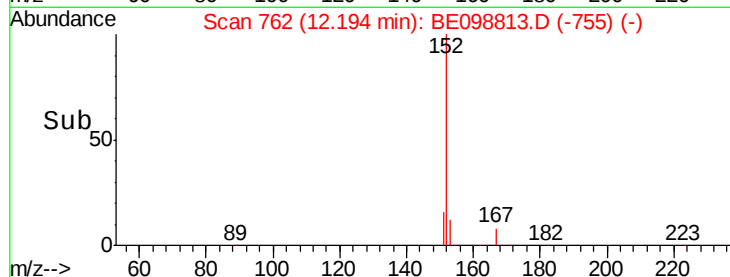
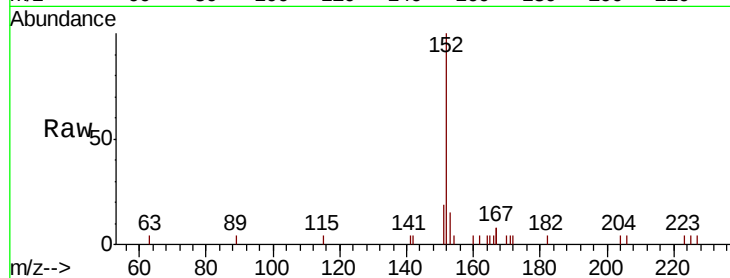
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Instrument :
BNA_E
ClientSampleId :
PB117620BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.5	24.7

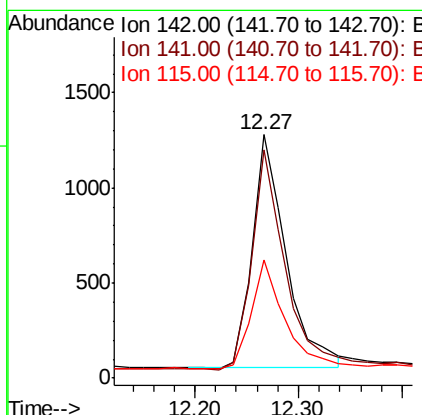
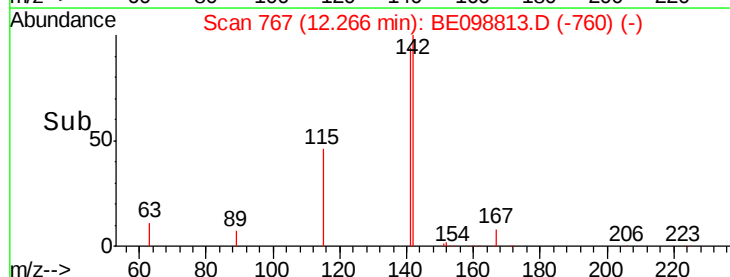
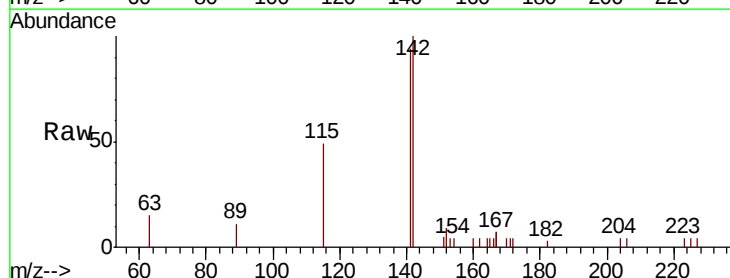
Manual Integrations
APPROVED

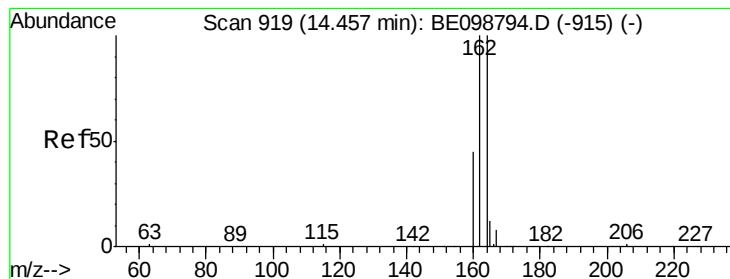
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#12
2-Methylnaphthalene
Concen: 0.396 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	72.6	108.8
115	48.5	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: BE098813.D

Acq: 7 Mar 2019 10:45

Instrument :

BNA_E

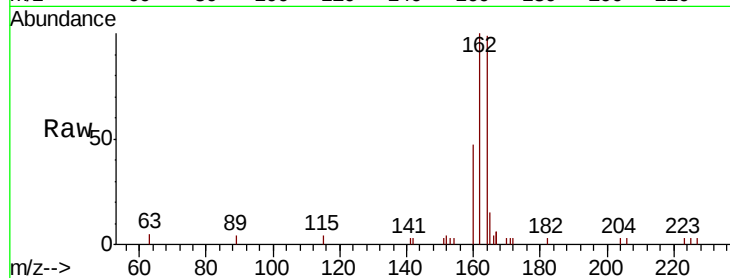
ClientSampleId :

PB117620BS

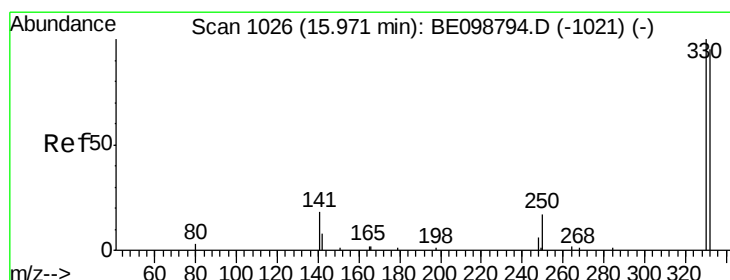
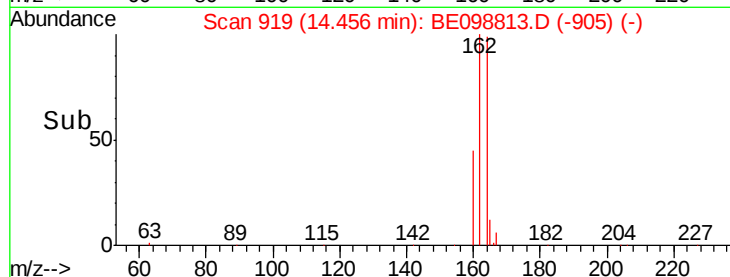
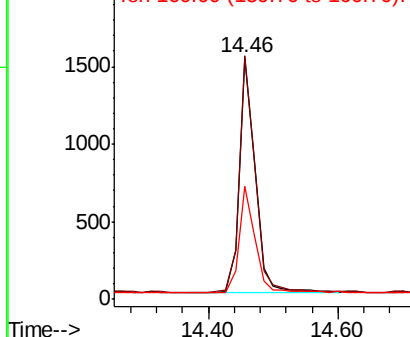
Tot Ion:	164	Resp:	2537
Ion Ratio	Lower	Upper	
164	100		
162	100.9	80.2	120.2
160	46.9	37.8	56.8

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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: 0.358 ng

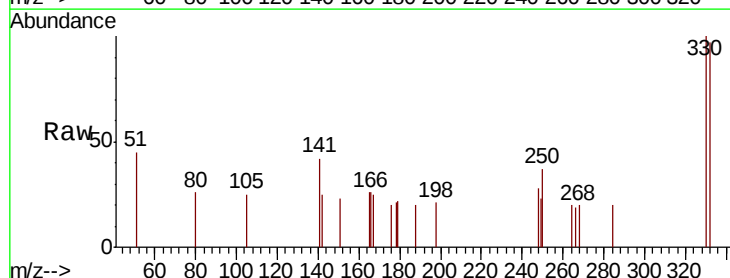
RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

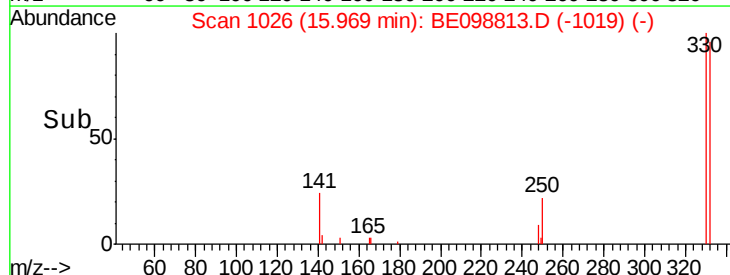
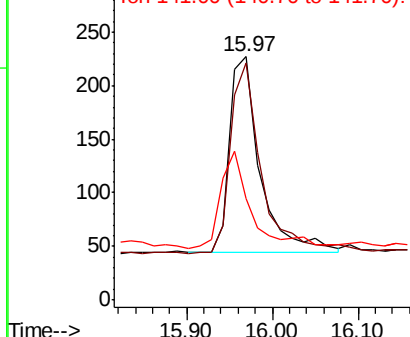
Lab File: BE098813.D

Acq: 7 Mar 2019 10:45

Tgt Ion:	330	Resp:	458
Ion Ratio	Lower	Upper	
330	100		
332	101.5	77.6	116.4
141	49.1	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





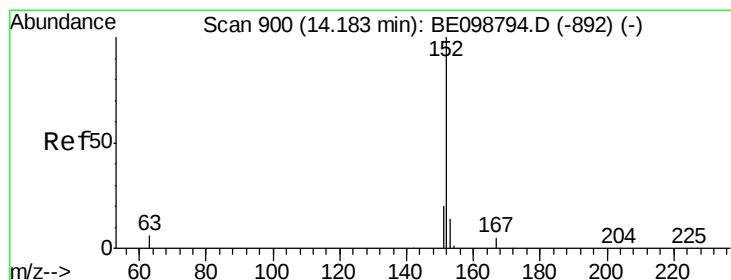
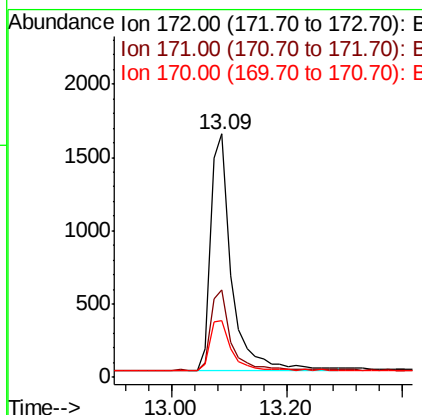
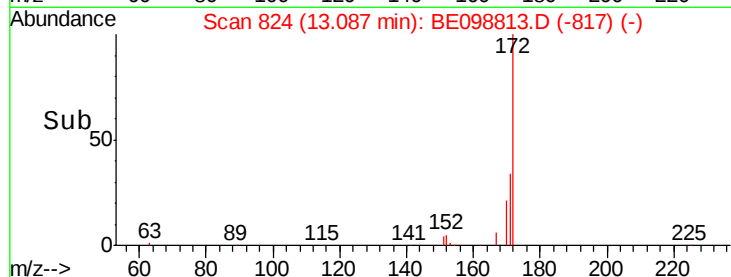
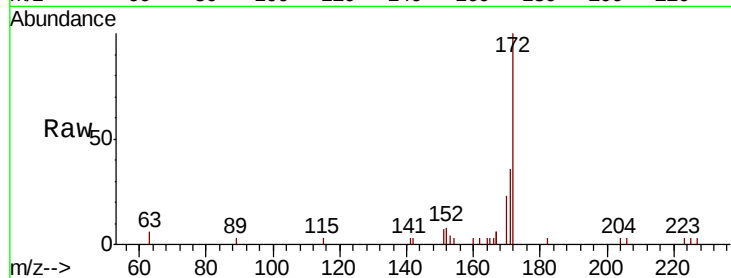
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Instrument :
BNA_E
ClientSampleId :
PB117620BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.0	42.0
170	23.1	17.7	26.5

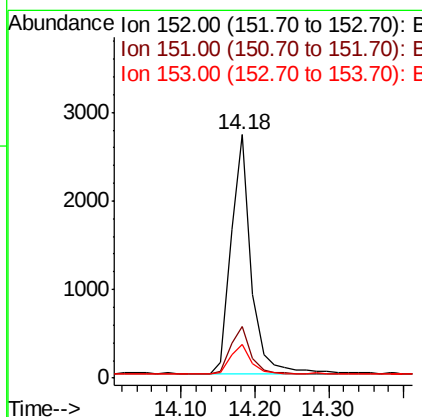
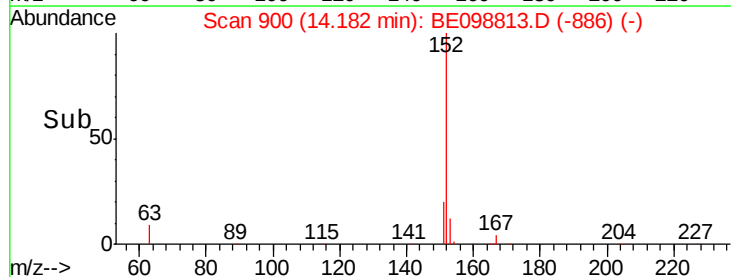
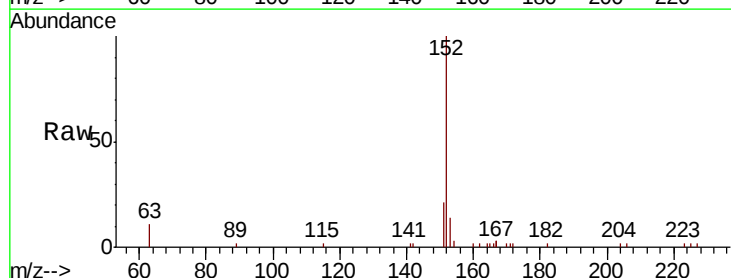
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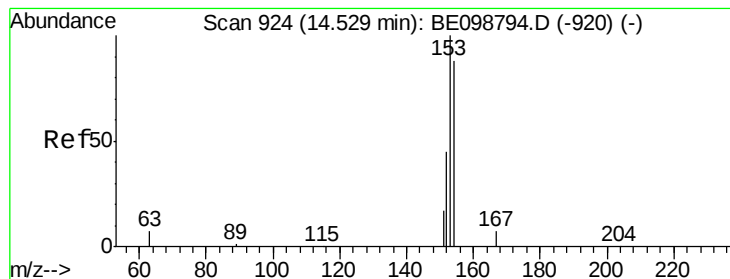
Sohil
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#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6
153	12.7	11.2	16.8





#17

Acenaphthene

Concen: 0.392 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098813.D

Acq: 7 Mar 2019 10:45

Instrument :

BNA_E

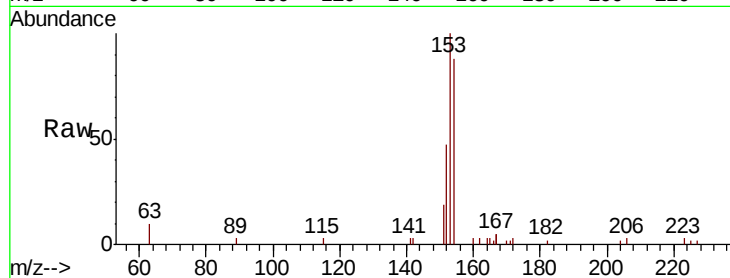
ClientSampleId :

PB117620BS

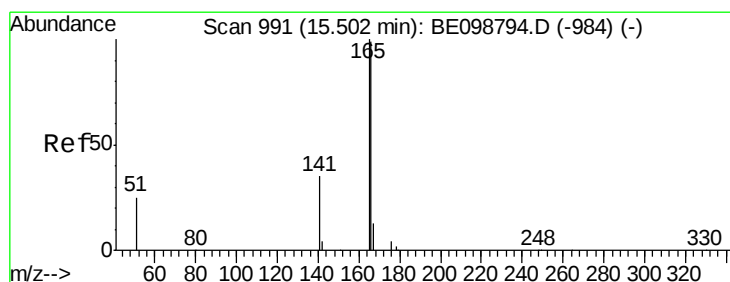
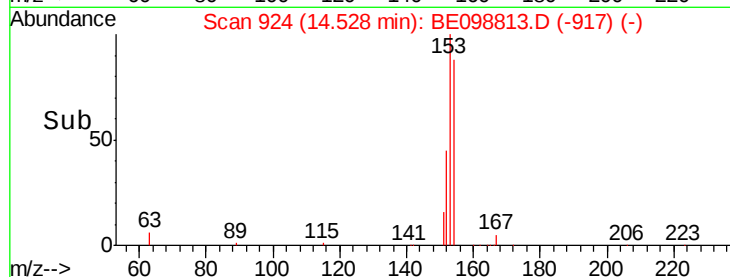
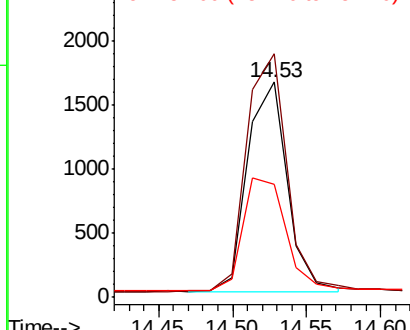
Tot Ion:	154	Resp:	3035
Ion Ratio	Lower	Upper	
154	100		
153	115.8	94.2	141.4
152	58.2	45.0	67.4

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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: 0.377 ng

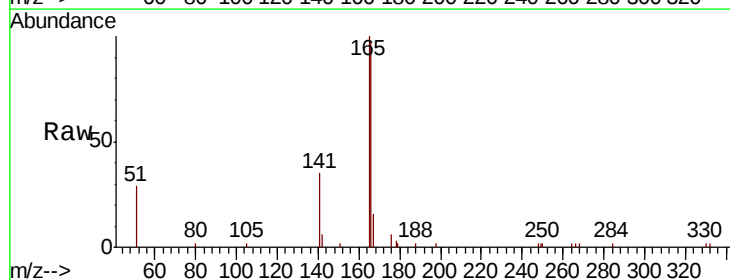
RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

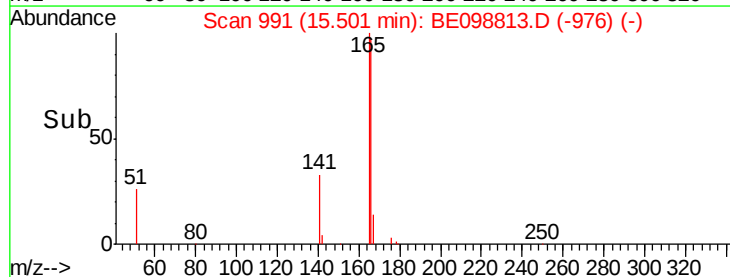
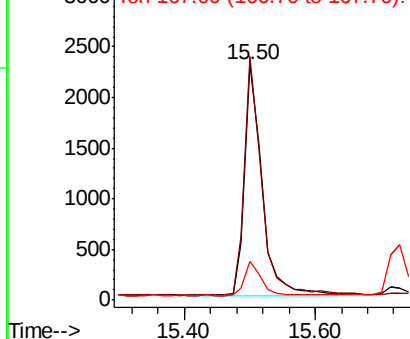
Lab File: BE098813.D

Acq: 7 Mar 2019 10:45

Tgt Ion:	166	Resp:	4211
Ion Ratio	Lower	Upper	
166	100		
165	101.6	79.3	118.9
167	14.2	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: BE098813.D

Acq: 7 Mar 2019 10:45

Instrument :

BNA_E

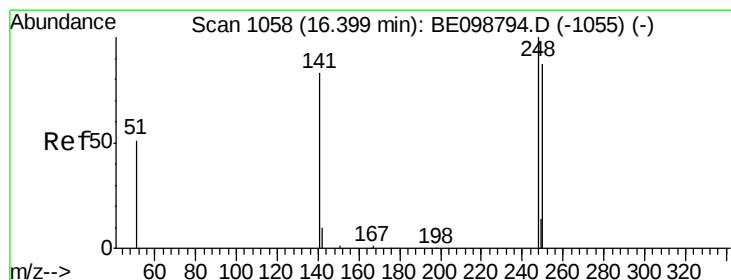
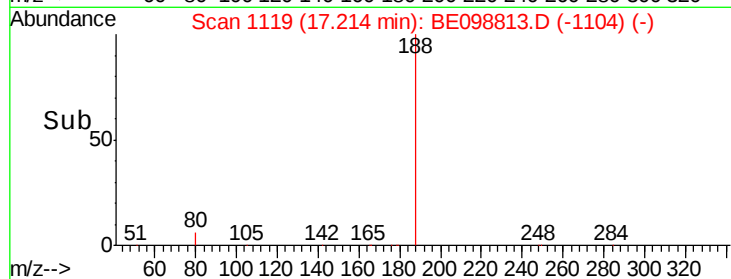
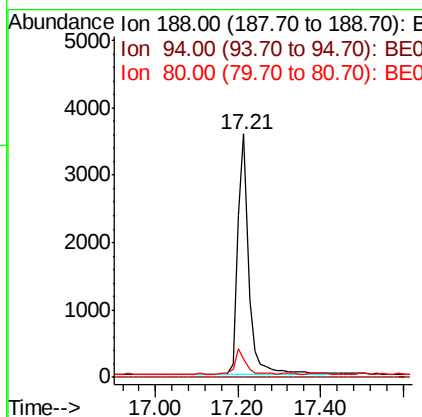
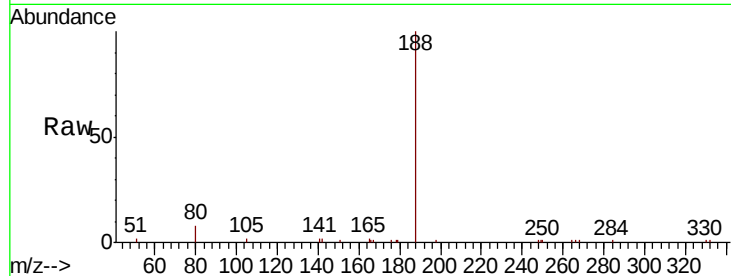
ClientSampleId :

PB117620BS

Tot Ion:	188	Resp:	6615
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.7	6.3	9.5

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#20

4-Bromophenyl-phenylether

Concen: 0.380 ng

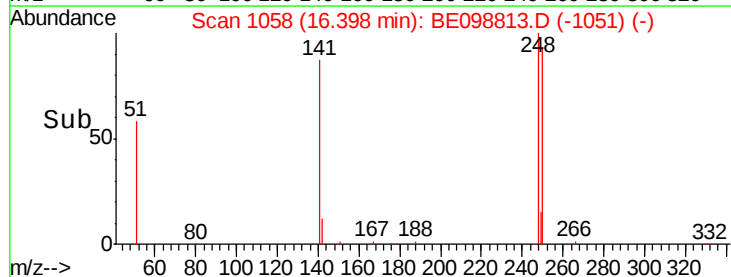
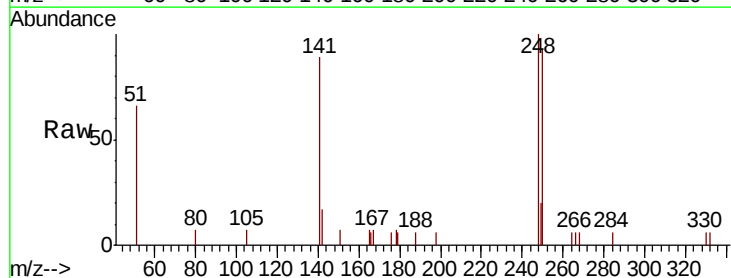
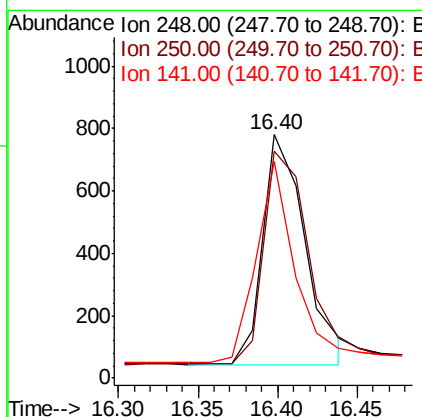
RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098813.D

Acq: 7 Mar 2019 10:45

Tgt Ion:	248	Resp:	1361
Ion Ratio	Lower	Upper	
248	100		
250	93.3	70.6	105.8
141	89.1	68.6	102.8





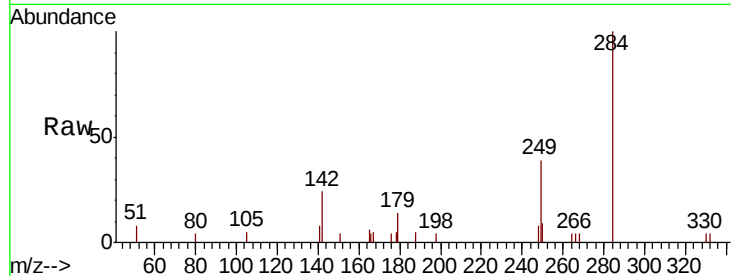
#21
Hexachlorobenzene
Concen: 0.378 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Instrument :
BNA_E
ClientSampled :
PB117620BS

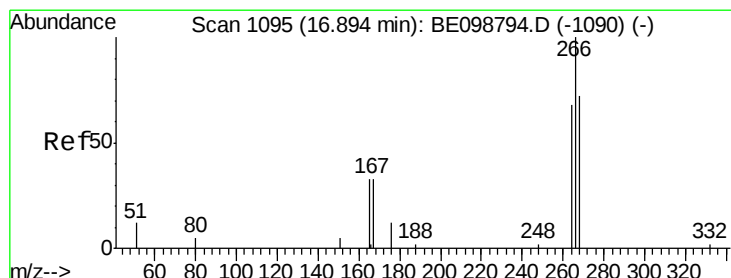
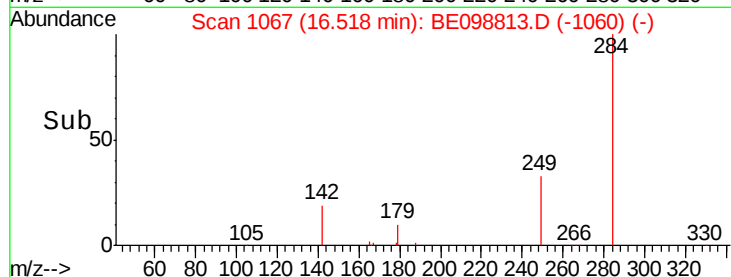
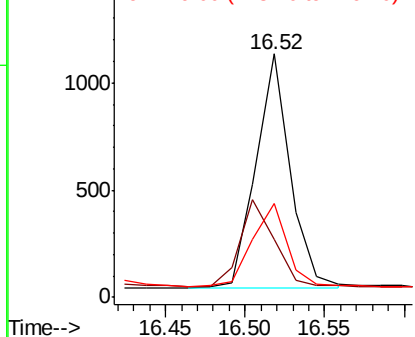
Tot Ion:	284	Resp:	1611
Ion Ratio	Lower	Upper	
284	100		
142	37.6	28.7	43.1
249	36.7	29.6	44.4

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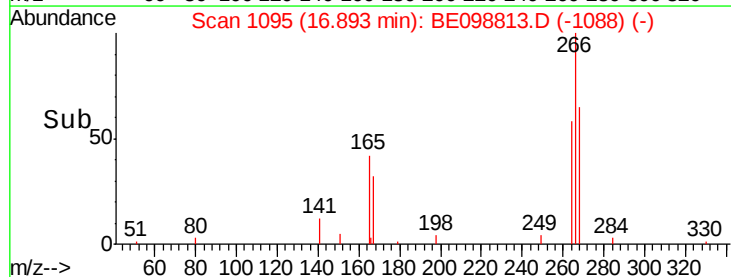
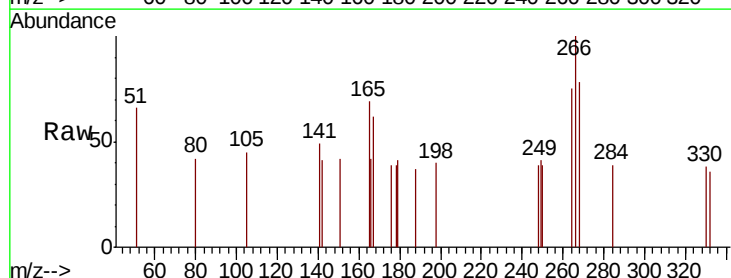
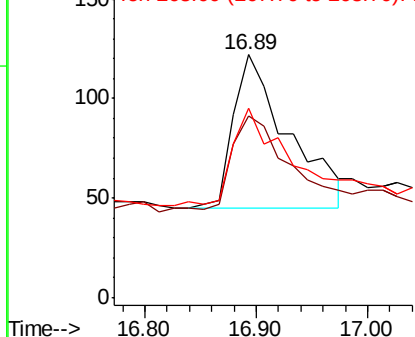
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.446 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Tgt Ion:	266	Resp:	263
Ion Ratio	Lower	Upper	
266	100		
264	74.6	66.6	100.0
268	77.9	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





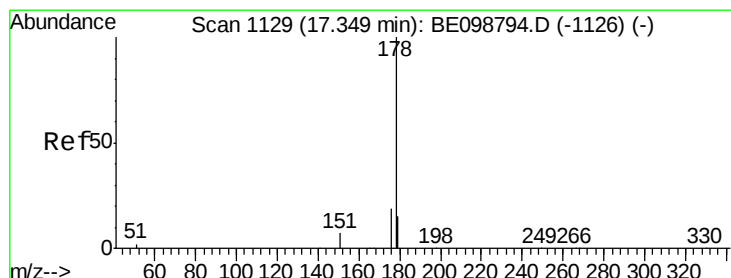
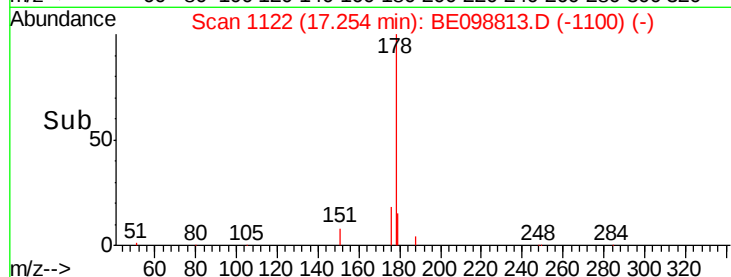
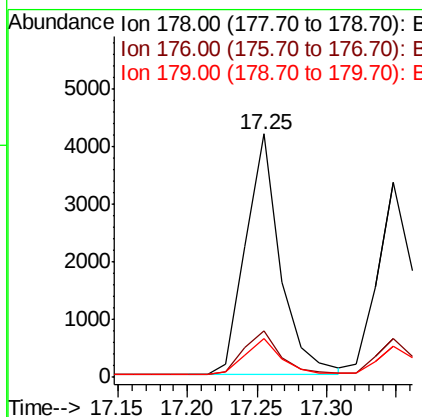
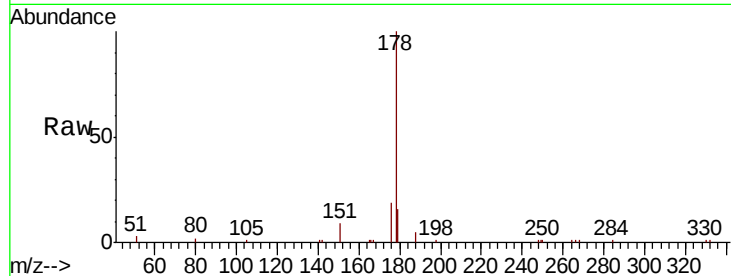
#23
Phenanthrene
Concen: 0.383 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Instrument :
BNA_E
ClientSampleId :
PB117620BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.6	12.1	18.1

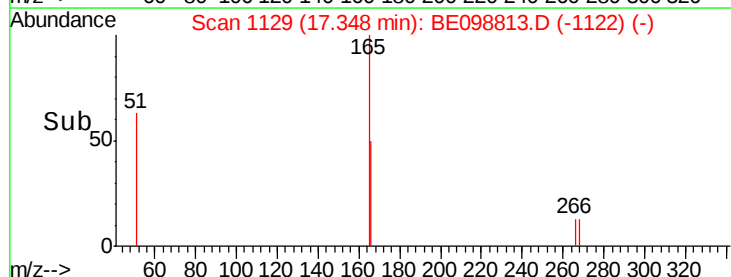
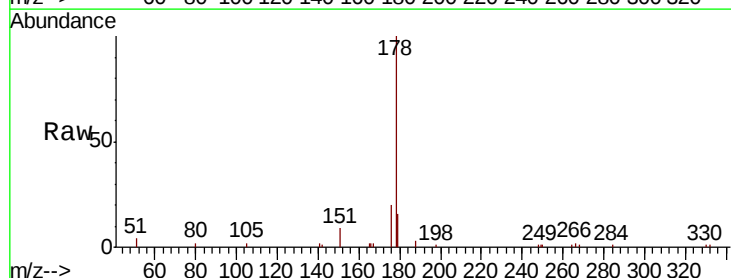
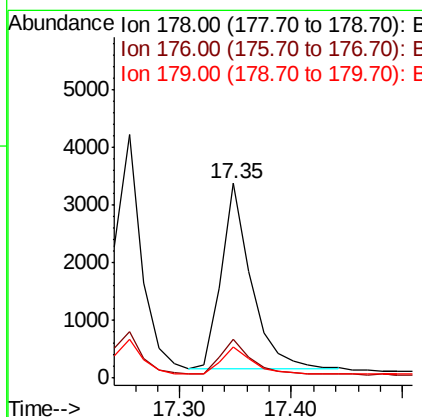
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#24
Anthracene
Concen: 0.371 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.7	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.378 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098813.D

Acq: 7 Mar 2019 10:45

Instrument :

BNA_E

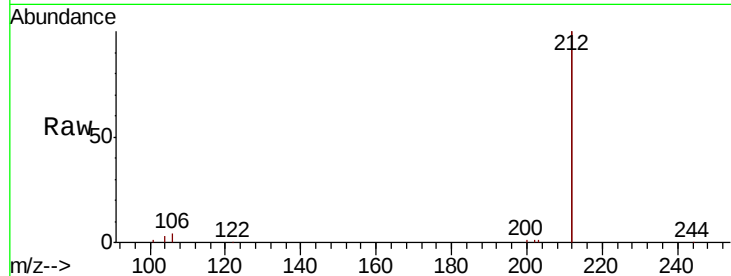
ClientSampleId :

PB117620BS

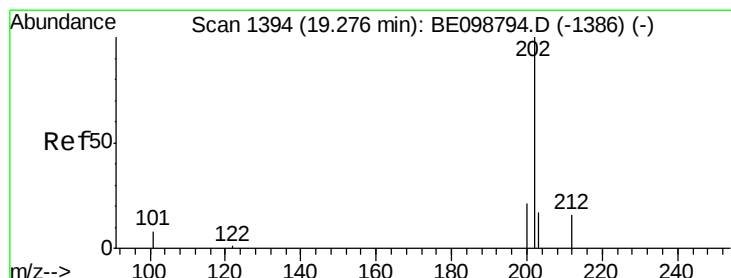
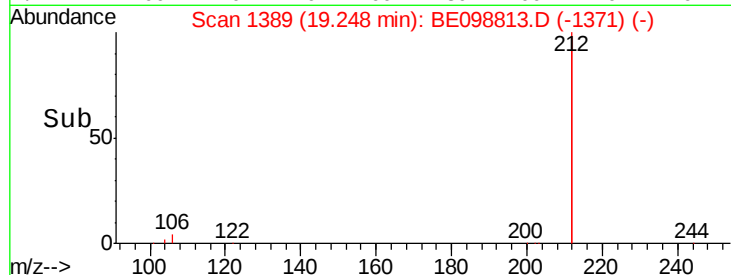
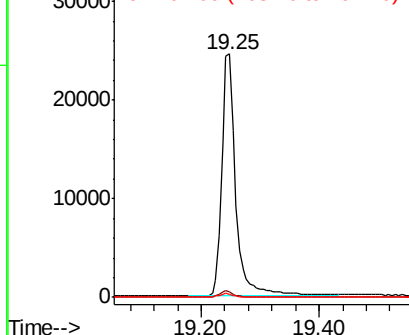
Tot Ion:	212	Resp:	39948
Ion Ratio	Lower	Upper	
212	100		
106	2.2	1.8	2.8
104	1.3	1.0	1.6

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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: 0.381 ng

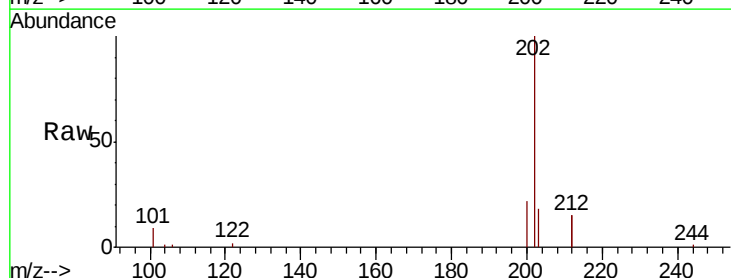
RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

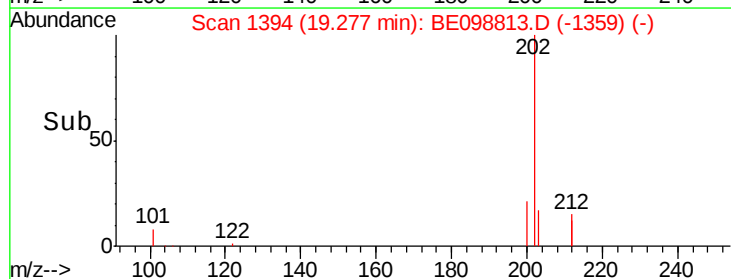
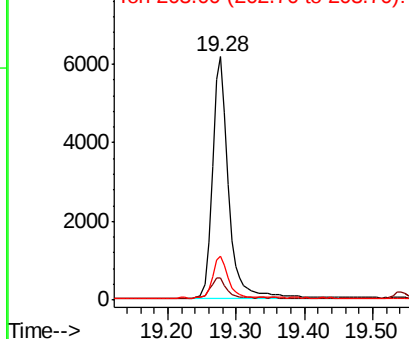
Lab File: BE098813.D

Acq: 7 Mar 2019 10:45

Tgt Ion:	202	Resp:	10114
Ion Ratio	Lower	Upper	
202	100		
101	8.5	7.3	10.9
203	17.0	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: BE098813.D

Acq: 7 Mar 2019 10:45

Instrument :

BNA_E

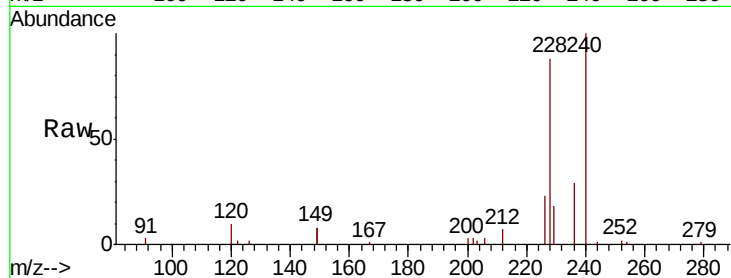
ClientSampleId :

PB117620BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	5.0	7.4#
236	29.0	22.7	34.1

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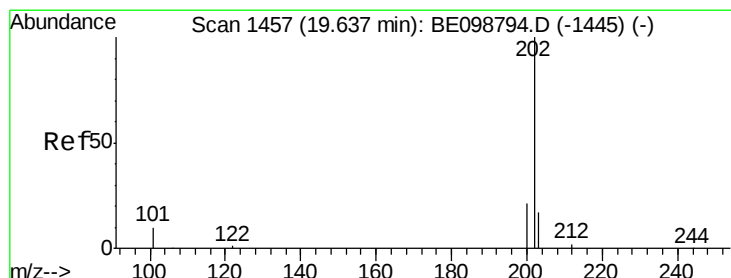
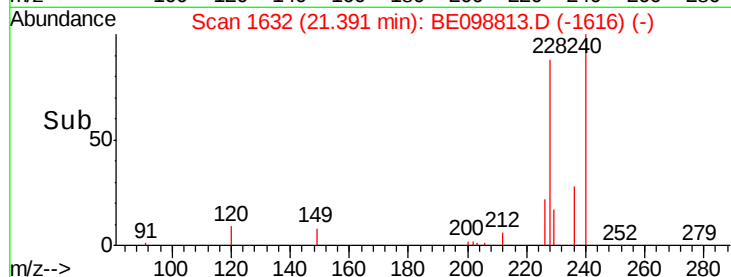
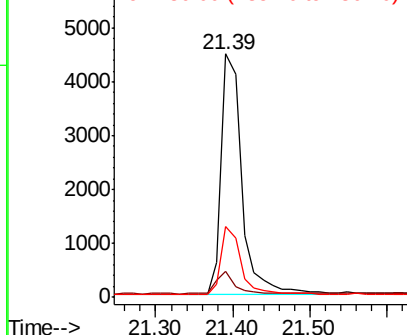


Abundance

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: 0.405 ng

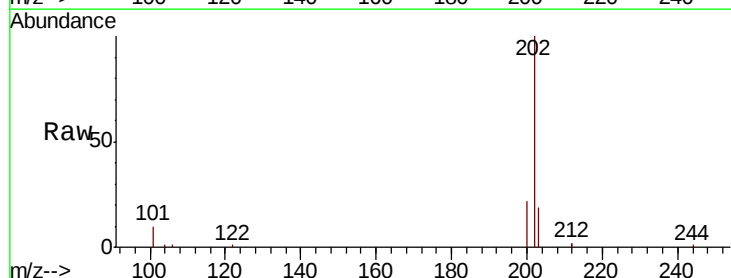
RT: 19.64 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BE098813.D

Acq: 7 Mar 2019 10:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	17.9	14.2	21.2

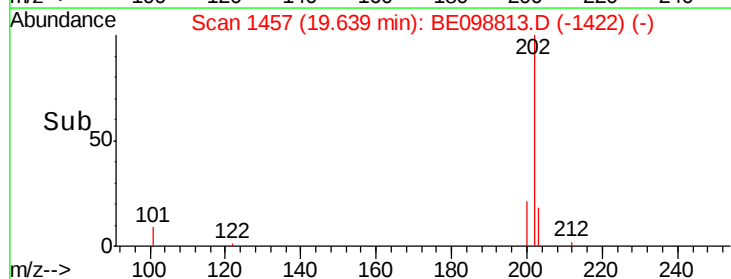
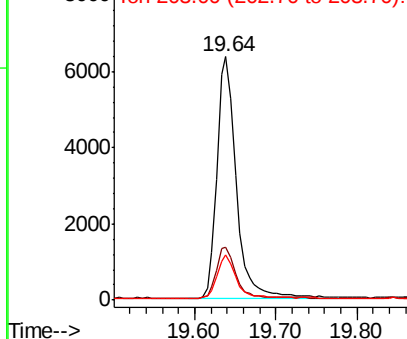


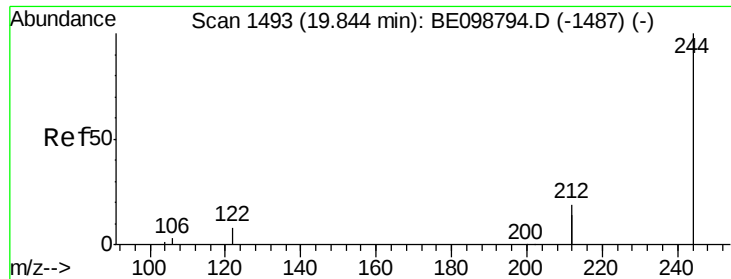
Abundance

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





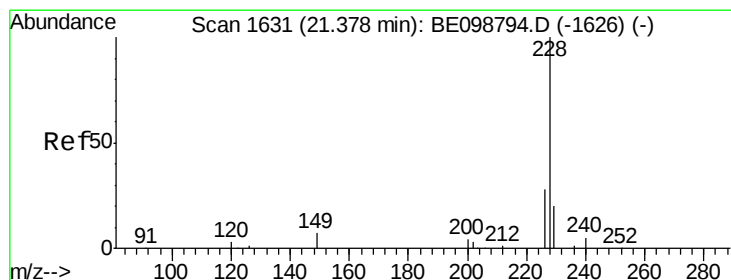
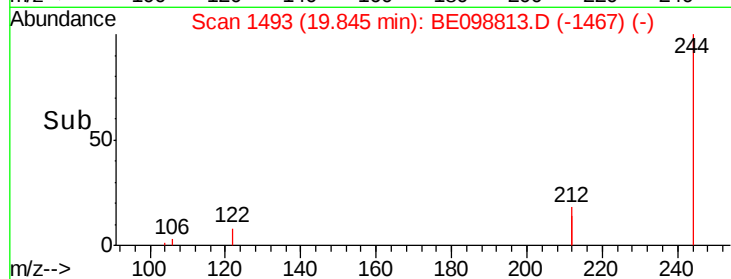
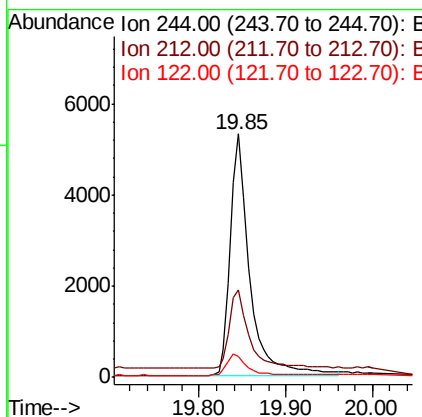
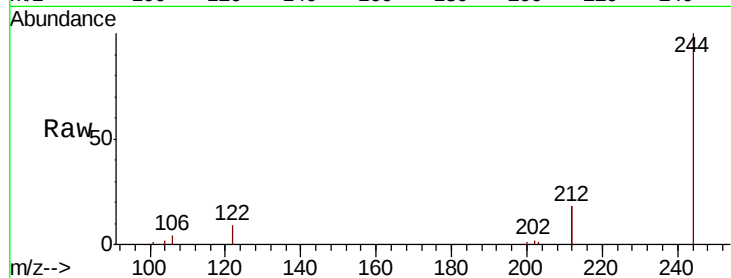
#29
 Terphenyl-d14
 Concen: 0.396 ng
 RT: 19.85 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BE098813.D
 Acq: 7 Mar 2019 10:45

Instrument :
 BNA_E
 ClientSampleId :
 PB117620BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	36.0	29.4	44.2
122	8.7	7.1	10.7

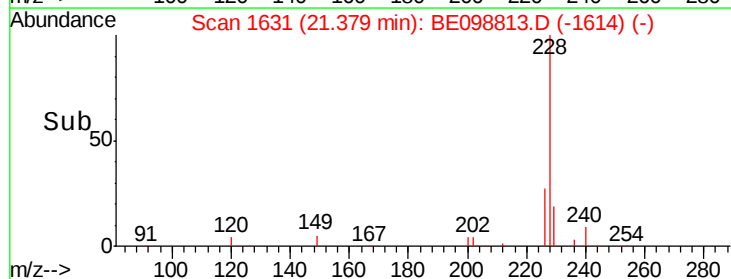
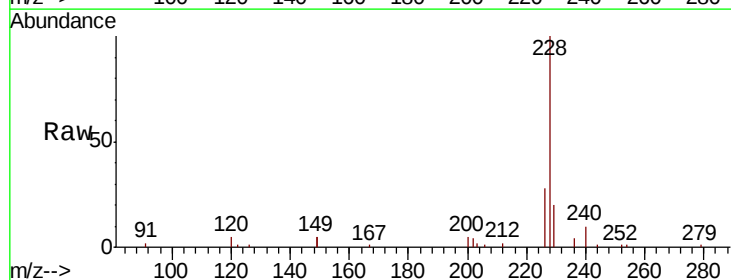
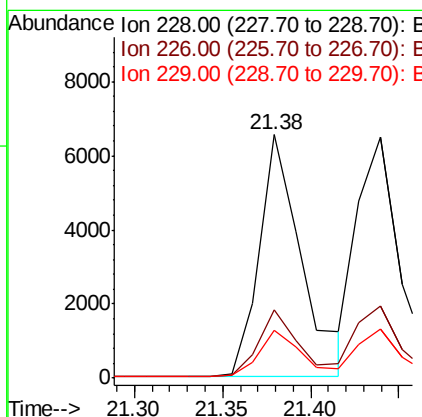
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#30
 Benzo(a)anthracene
 Concen: 0.412 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE098813.D
 Acq: 7 Mar 2019 10:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.4
229	19.8	16.5	24.7





#31

Chrysene

Concen: 0.380 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098813.D

Acq: 7 Mar 2019 10:45

Instrument :

BNA_E

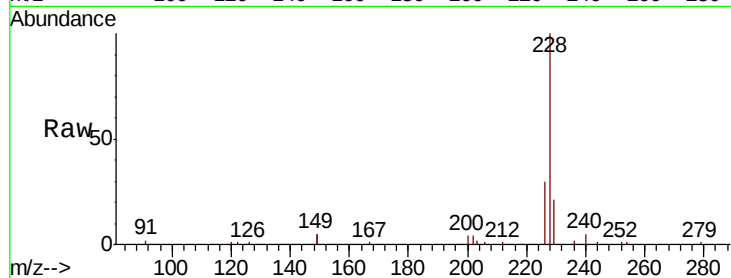
ClientSampled :

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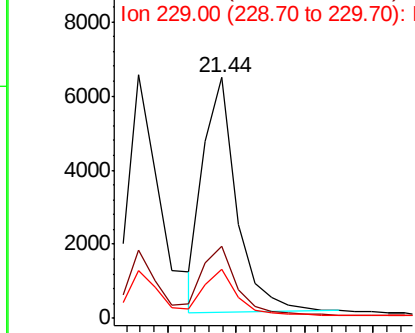
Tot Ion:	228	Resp:	10702
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.7	35.5
229	20.6	16.1	24.1

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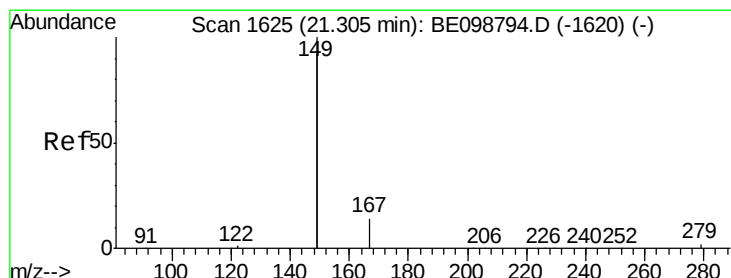
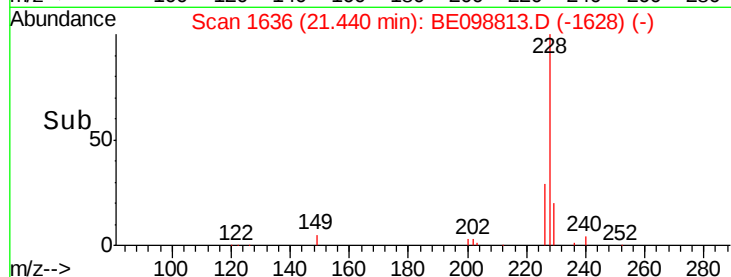
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.347 ng

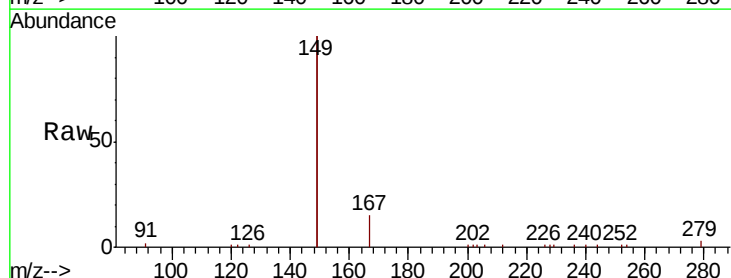
RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

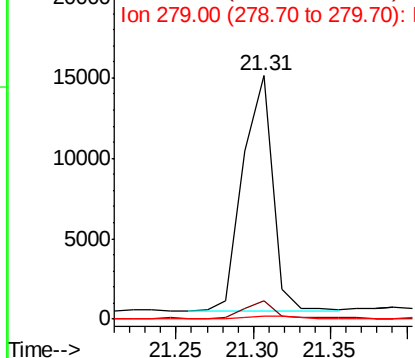
Lab File: BE098813.D

Acq: 7 Mar 2019 10:45

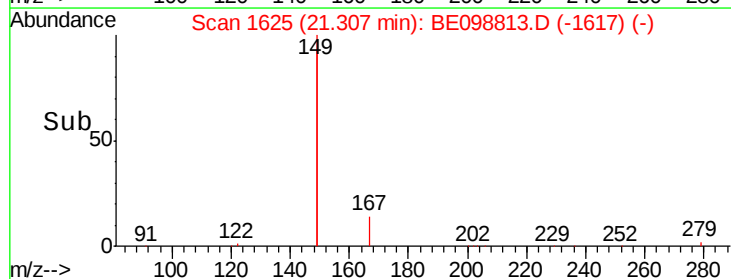
Tgt Ion:	149	Resp:	19452
Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.1	1.0	1.4



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-->





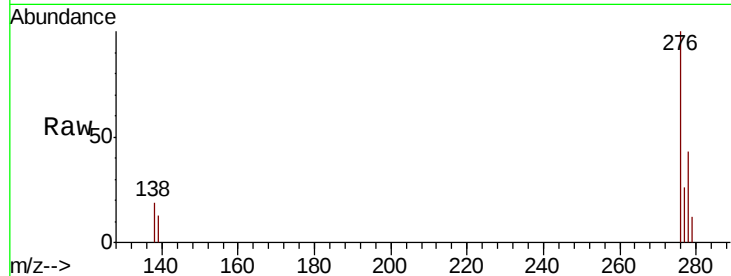
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.412 ng
 RT: 26.53 min Scan# 2943
 Delta R.T. -0.01 min
 Lab File: BE098813.D
 Acq: 7 Mar 2019 10:45

Instrument :
 BNA_E
 ClientSampleId :
 PB117620BS

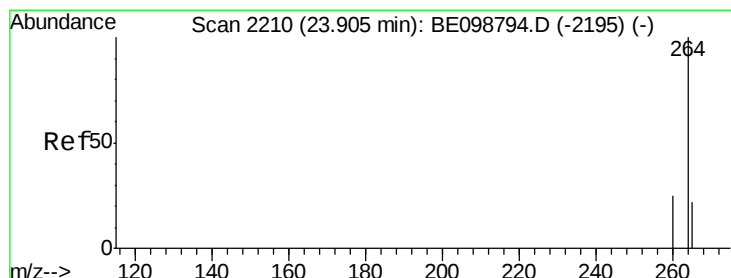
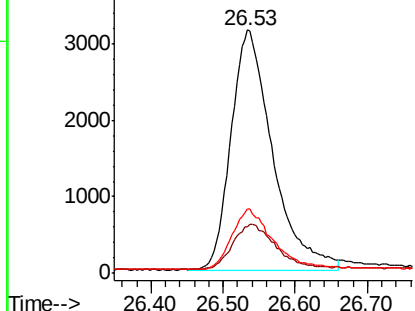
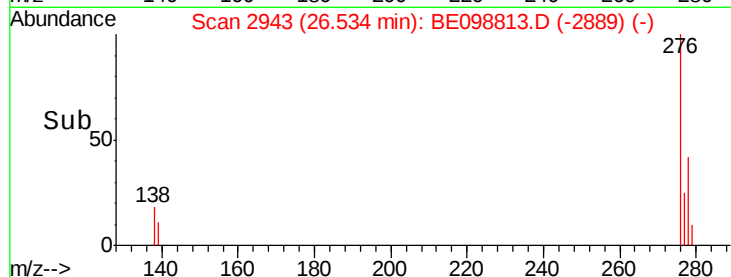
Tot Ion:	276	Resp:	12269
Ion Ratio	Lower	Upper	
276	100		
138	19.4	13.8	20.8
277	25.4	19.5	29.3

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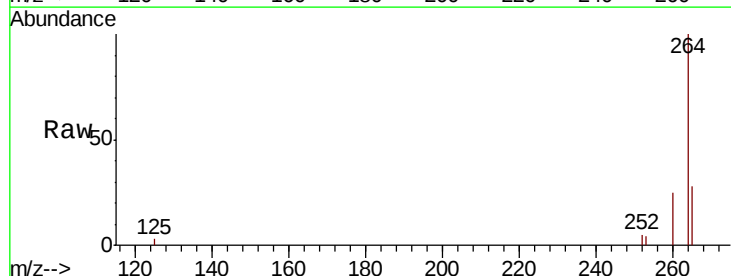


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

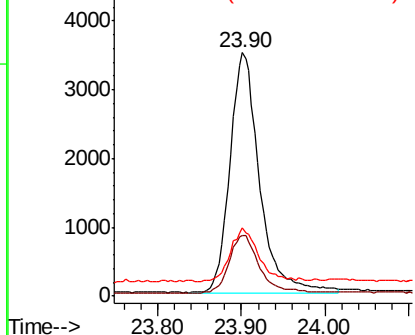
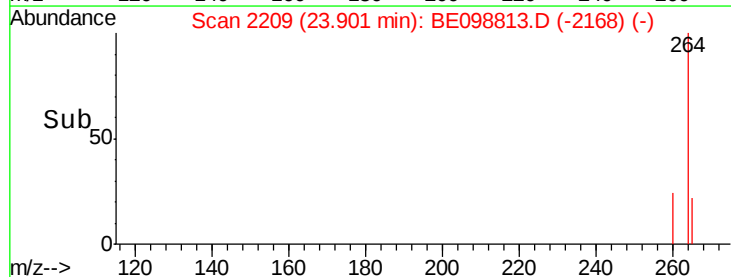


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE098813.D
 Acq: 7 Mar 2019 10:45

Tgt Ion:	264	Resp:	8533
Ion Ratio	Lower	Upper	
264	100		
260	25.0	21.2	31.8
265	27.8	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





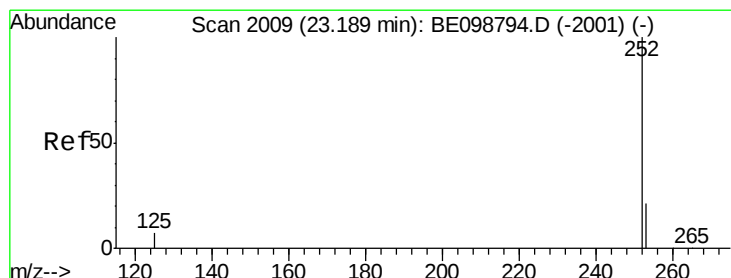
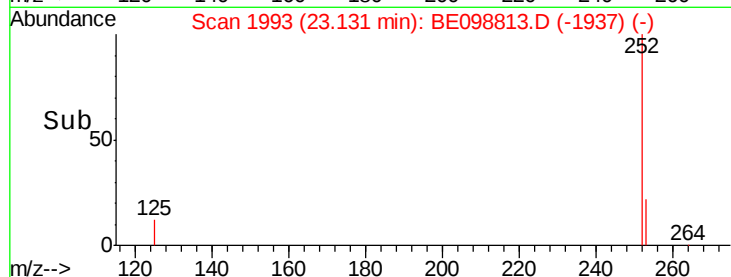
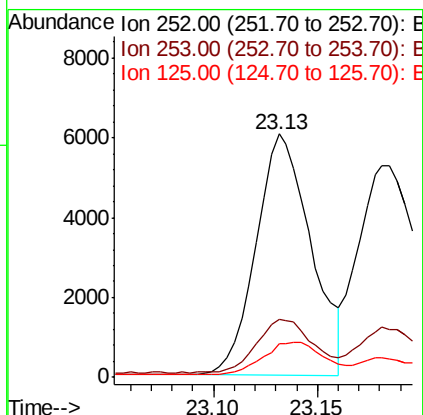
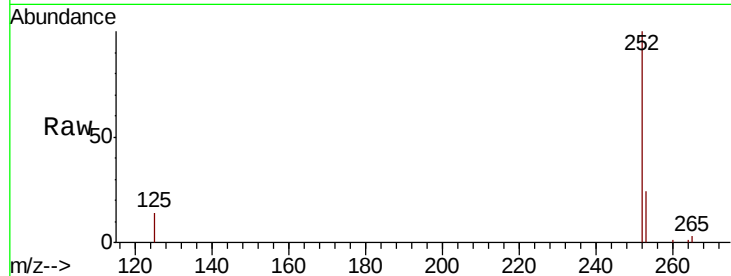
#35
Benzo(b)fluoranthene
Concen: 0.396 ng m
RT: 23.13 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Instrument :
BNA_E
ClientSampleId :
PB117620BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	13.6	7.3	10.9

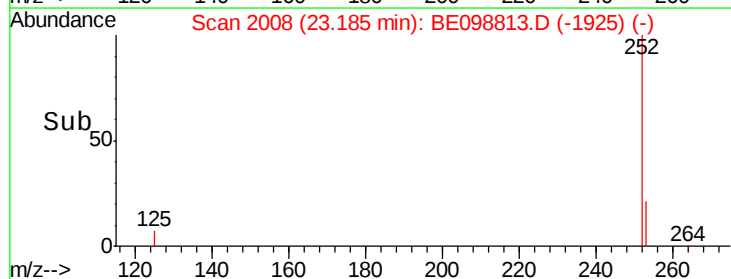
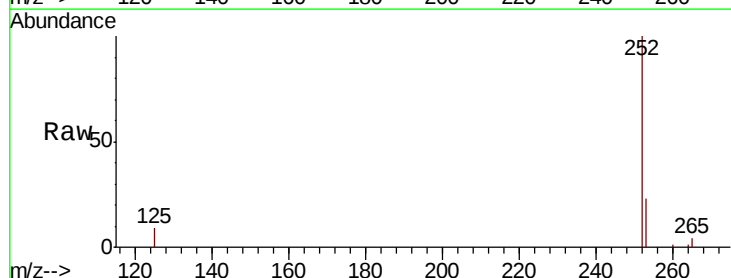
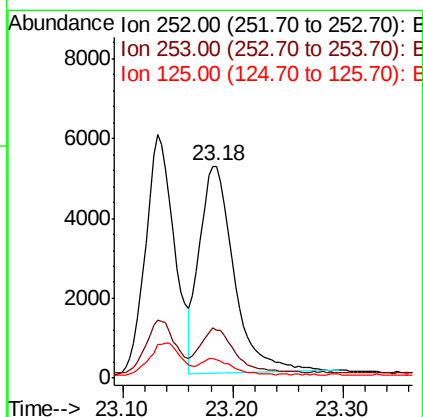
Manual Integrations
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#36
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 23.18 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.3	28.9
125	8.7	7.5	11.3





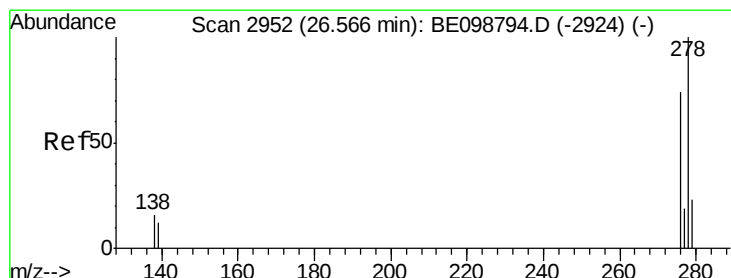
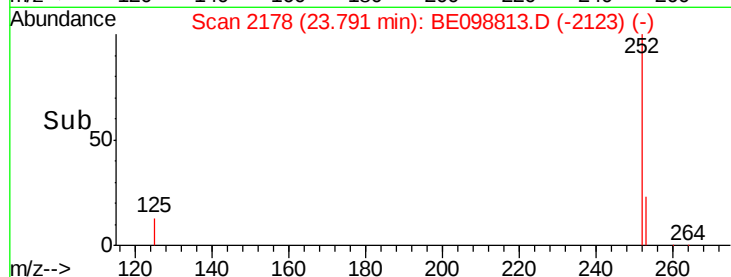
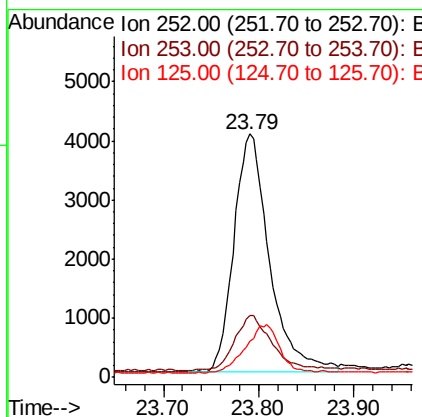
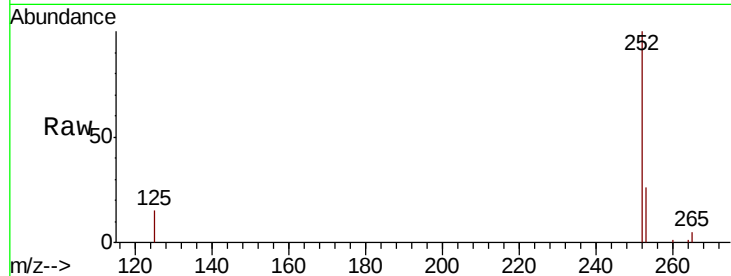
#37
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.79 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Instrument :
BNA_E
ClientSampled :
PB117620BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.9	29.9
125	14.7	9.0	13.4

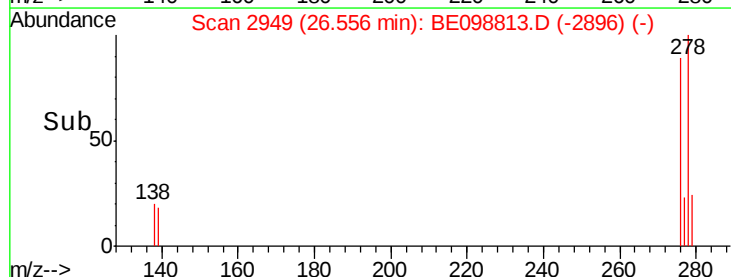
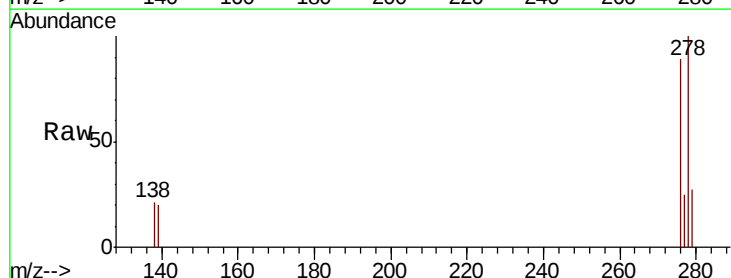
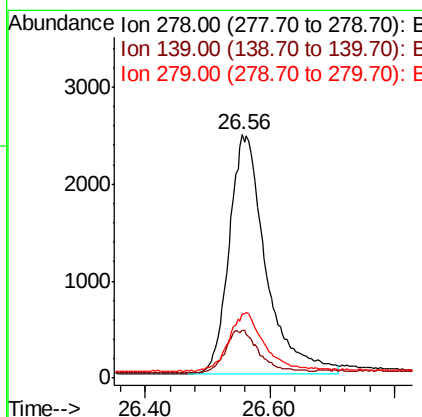
Manual Integrations
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#38
Dibenzo(a,h)anthracene
Concen: 0.395 ng
RT: 26.56 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BE098813.D
Acq: 7 Mar 2019 10:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	11.8	17.6
279	26.5	21.1	31.7





#39

Benzo(a,h,i)perylene

Concen: 0.384 ng

RT: 27.35 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BE098813.D

Acq: 7 Mar 2019 10:45

Instrument :

BNA_E

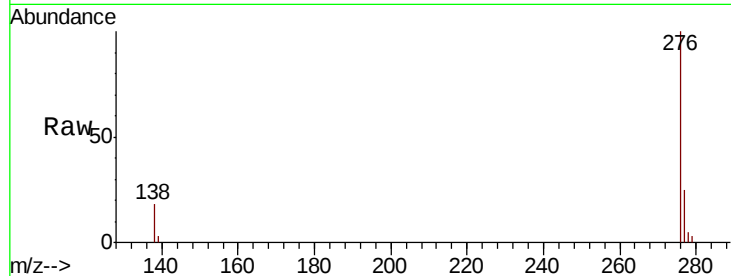
ClientSampleId :

PB117620BS

Tot Ion:	276	Resp:	10210
Ion Ratio	Lower	Upper	
276	100		
277	25.2	20.4	30.6
138	17.5	13.6	20.4

Manual Integrations
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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

