

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098911.D
 Acq On : 13 Mar 2019 14:40
 Operator : JU/SJ
 Sample : PB117852BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117852BSD

Manual Integrations
 APPROVED

Sohil
 3/14/2019 11:09:16 AM

Quant Time: Mar 14 07:04:56 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	767	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3380	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2272	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6013	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7101	0.40	ng	-0.01
34) Perylene-d12	23.90	264	6923	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	785	0.34	ng	0.02
5) Phenol-d6	6.99	99	1354	0.42	ng	0.00
8) Nitrobenzene-d5	8.96	82	1624	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2385	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	418	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4742	0.50	ng	0.00
25) Fluoranthene-d10	19.24	212	32330	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	8570	0.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	657	0.452	ng	92
3) n-Nitrosodimethylamine	3.66	42	386m	0.200	ng	
6) bis(2-Chloroethyl)ether	7.23	93	793	0.317	ng	# 89
9) Naphthalene	10.64	128	15123	0.391	ng	99
10) Hexachlorobutadiene	10.91	225	1008	0.394	ng	98
12) 2-Methylnaphthalene	12.27	142	2395	0.381	ng	94
16) Acenaphthylene	14.18	152	4383	0.375	ng	98
17) Acenaphthene	14.51	154	2679	0.386	ng	98
18) Fluorene	15.50	166	3749	0.375	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1205m	0.370	ng	
21) Hexachlorobenzene	16.52	284	1442	0.372	ng	98
22) Pentachlorophenol	16.91	266	173	0.396	ng	100
23) Phenanthrene	17.25	178	6237	0.365	ng	99
24) Anthracene	17.35	178	4684	0.321	ng	99
26) Fluoranthene	19.27	202	8275	0.343	ng	99
28) Pyrene	19.63	202	8583	0.395	ng	99
30) Benzo(a)anthracene	21.38	228	8204	0.370	ng	100
31) Chrysene	21.44	228	8802	0.371	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	13947	0.296	ng	99
33) Indeno(1,2,3-cd)pyrene	26.53	276	9549	0.381	ng	98
35) Benzo(b)fluoranthene	23.13	252	8475m	0.372	ng	
36) Benzo(k)fluoranthene	23.18	252	9674	0.406	ng	98
37) Benzo(a)pyrene	23.79	252	8374	0.384	ng	# 93
38) Dibenzo(a,h)anthracene	26.56	278	7355	0.356	ng	97
39) Benzo(g,h,i)perylene	27.33	276	7944	0.368	ng	100

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

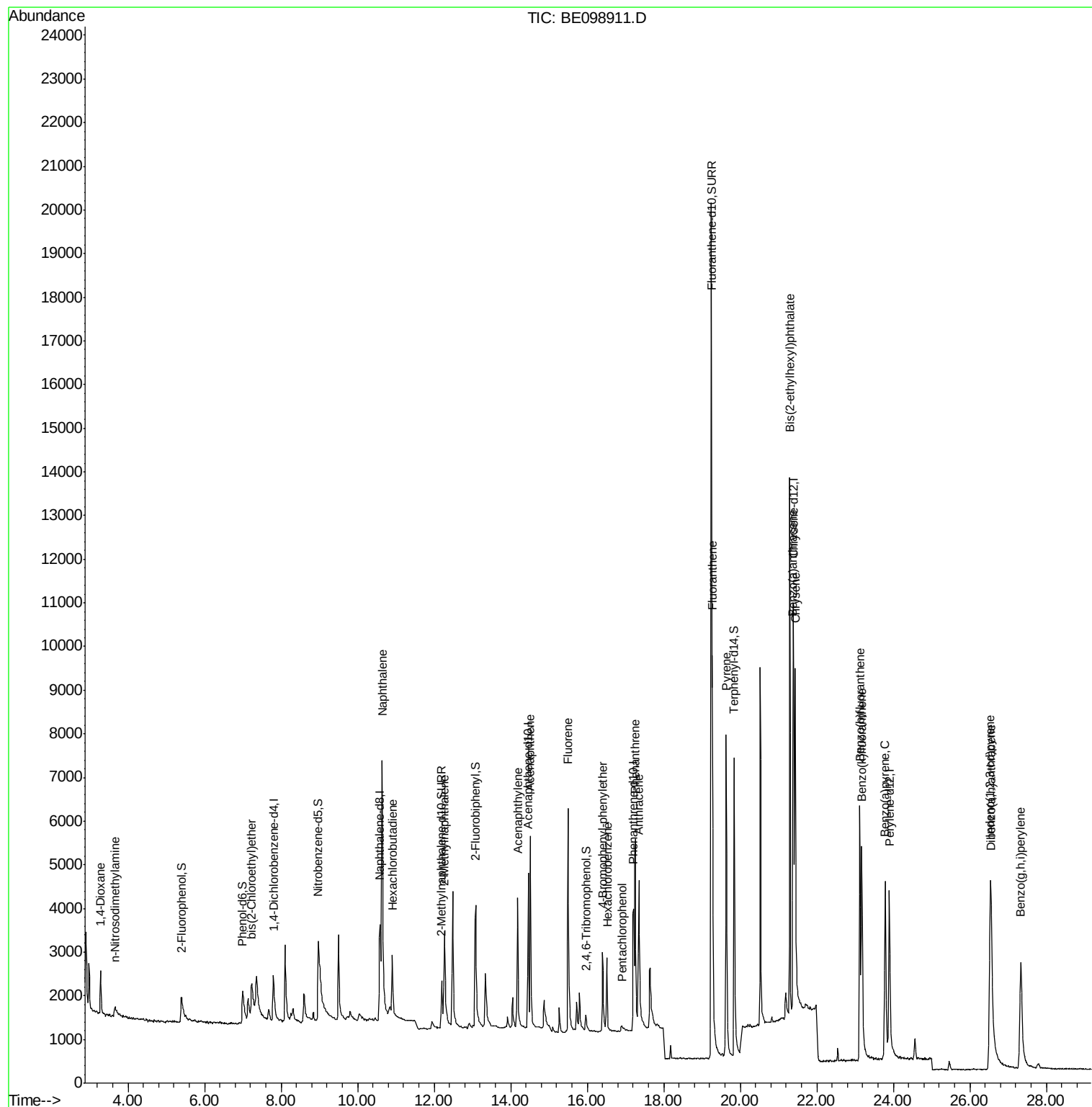
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098911.D
Acq On : 13 Mar 2019 14:40
Operator : JU/SJ
Sample : PB117852BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

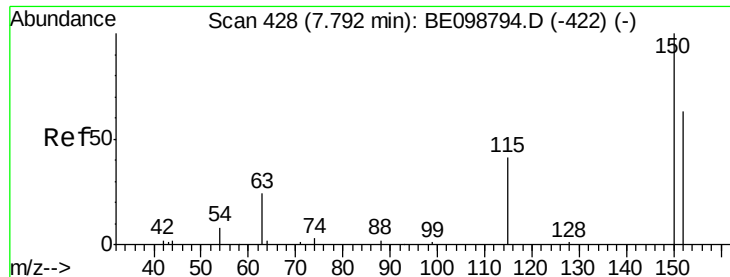
Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Manual Integrations
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Quant Time: Mar 14 07:04:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

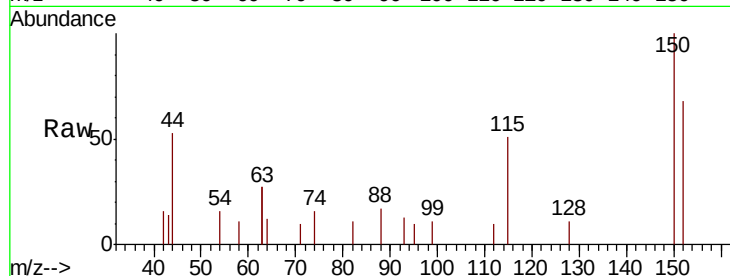
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	122.5	183.7
115	75.6	57.4	86.2

Manual Integrations
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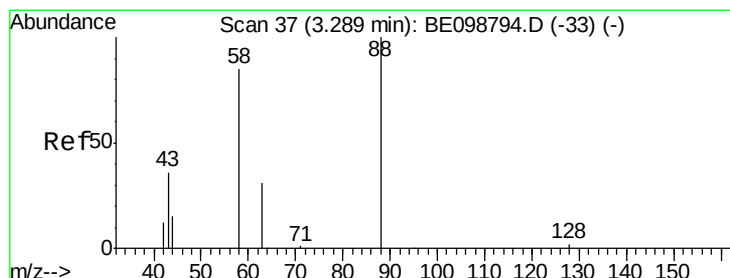
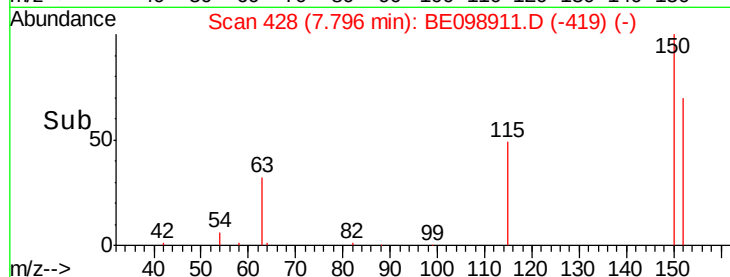
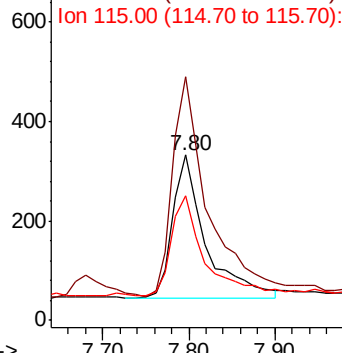


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

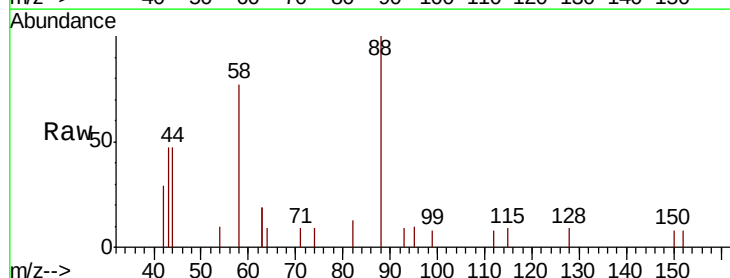
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.452 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.8	75.8	113.6
43	44.0	41.8	62.8

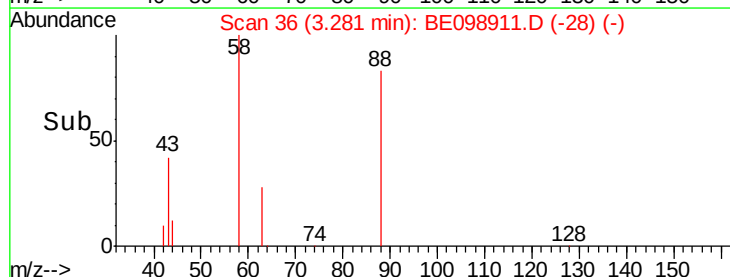
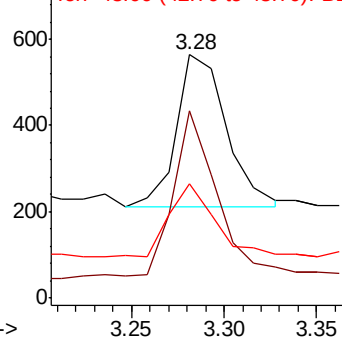


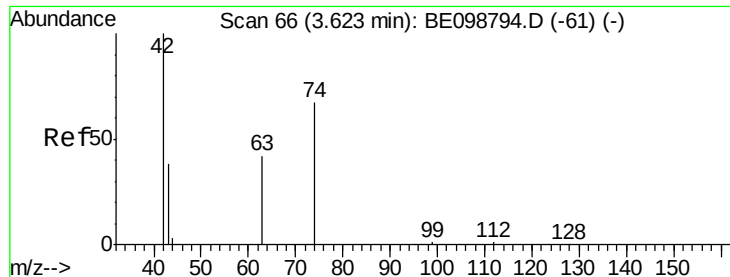
Abundance

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

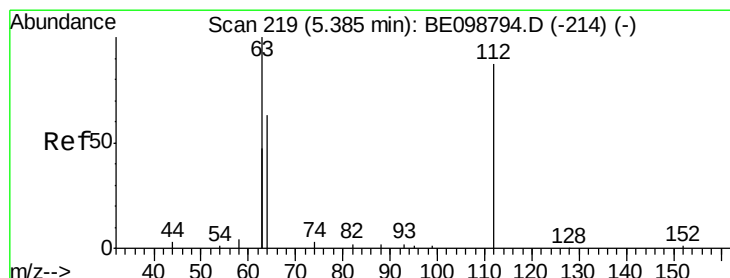
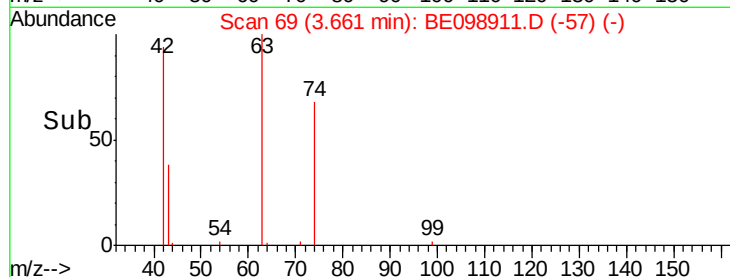
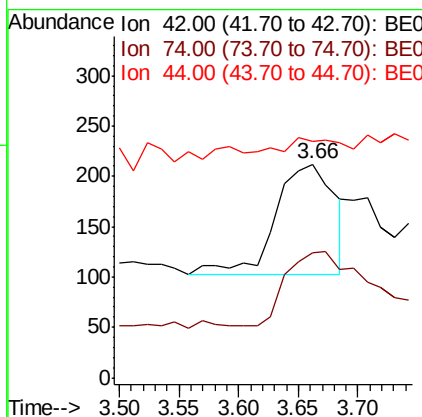
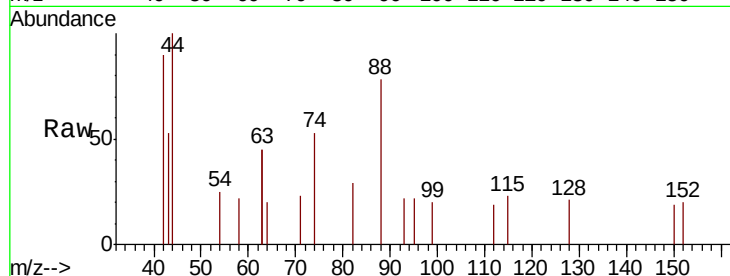
n-Nitrosodimethylamine
 Concen: 0.200 ng/ml
 RT: 3.66 min Scan# 69
 Delta R.T. 0.04 min
 Lab File: BE098911.D
 Acq: 13 Mar 2019 14:40

Instrument :
 BNA_E
 ClientSampleId :
 PB117852BSD

Tot Ion:	42	Resp:	386
Ion Ratio	Lower	Upper	
42	100		
74	0.0	57.0	85.4#
44	5.4	0.0	0.0#

Manual Integrations
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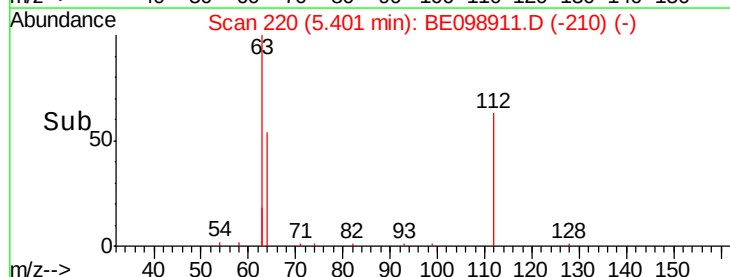
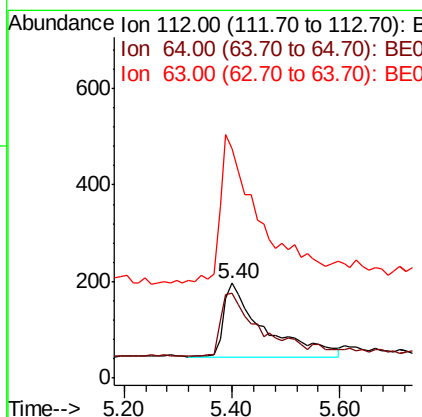
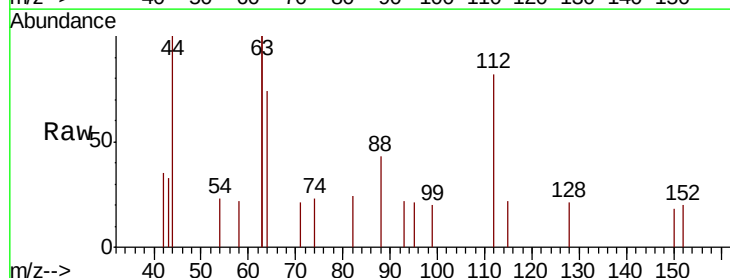
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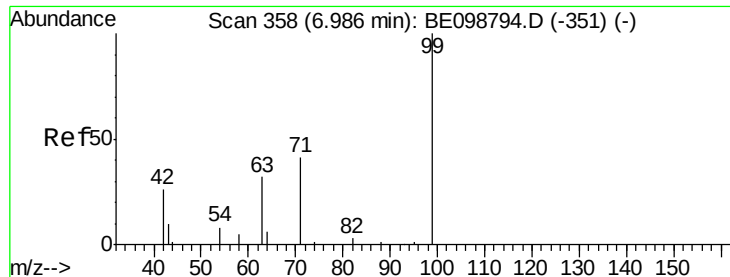


#4

2-Fluorophenol
 Concen: 0.342 ng/ml
 RT: 5.40 min Scan# 220
 Delta R.T. 0.02 min
 Lab File: BE098911.D
 Acq: 13 Mar 2019 14:40

Tgt Ion:	112	Resp:	785
Ion Ratio	Lower	Upper	
112	100		
64	83.1	57.9	86.9
63	198.5	158.3	237.5





#5

Phenol-d6

Concen: 0.418 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

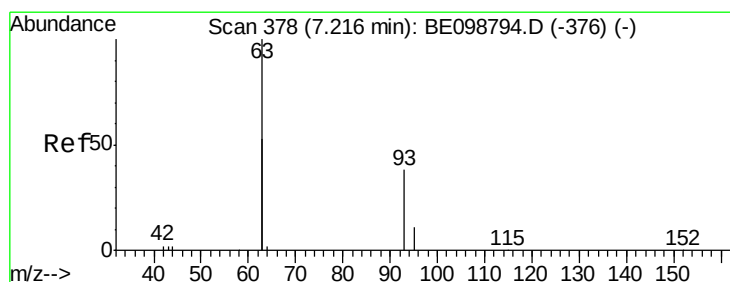
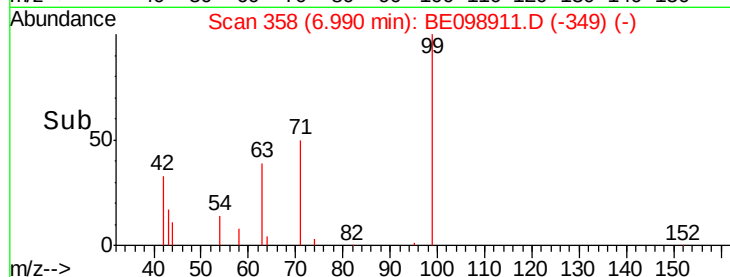
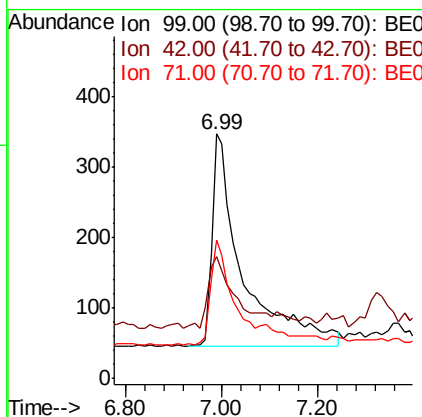
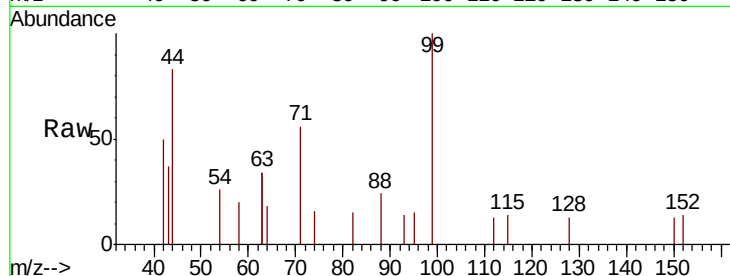
ClientSampleId :

PB117852BSD

Tot Ion:	99	Resp:	1354
Ion	Ratio	Lower	Upper
99	100		
42	30.6	24.2	36.2
71	44.8	35.7	53.5

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.317 ng

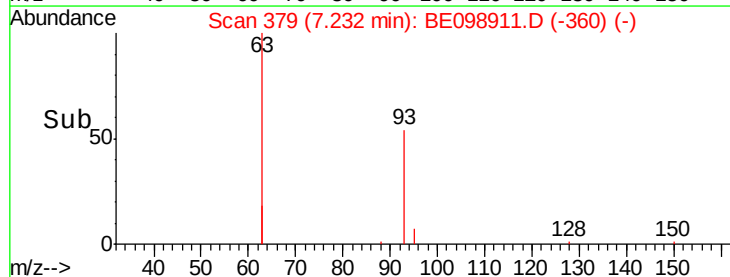
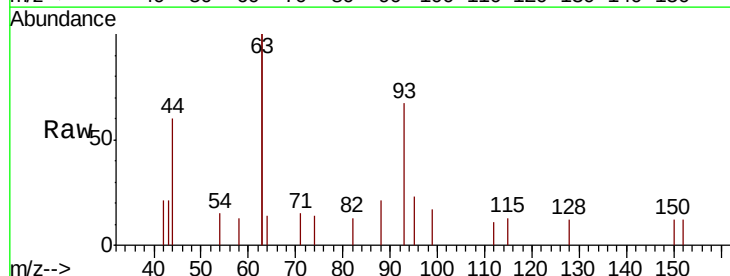
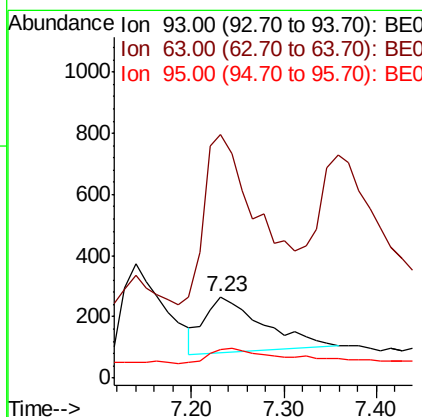
RT: 7.23 min Scan# 379

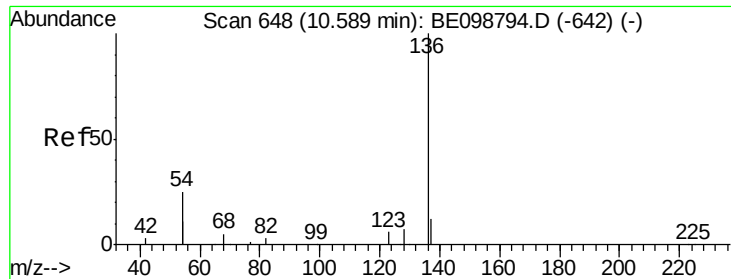
Delta R.T. 0.02 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Tgt Ion:	93	Resp:	793
Ion	Ratio	Lower	Upper
93	100		
63	287.8	247.5	371.3
95	35.8	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: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

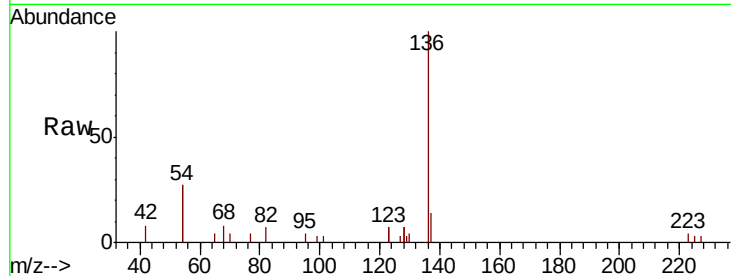
ClientSampleId :

PB117852BSD

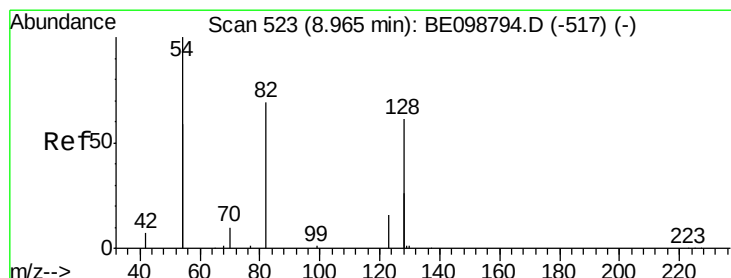
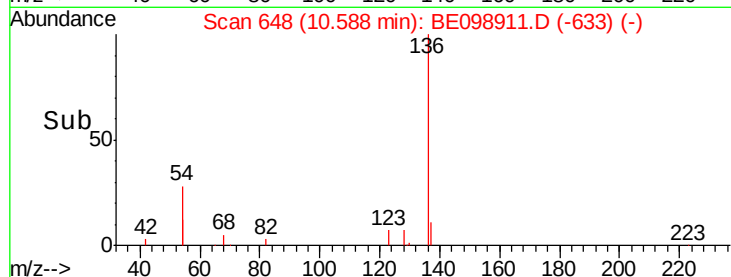
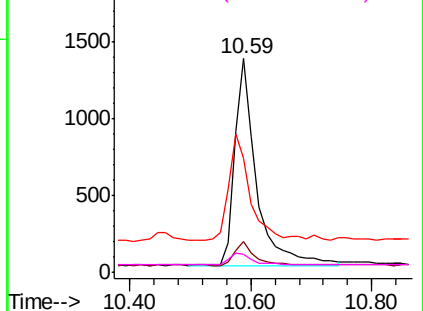
Tot Ion	Ratio	Lower	Upper
136	100		
137	14.2	11.4	17.0
54	53.4	39.3	58.9
68	8.2	6.7	10.1

Manual Integrations
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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: 0.458 ng

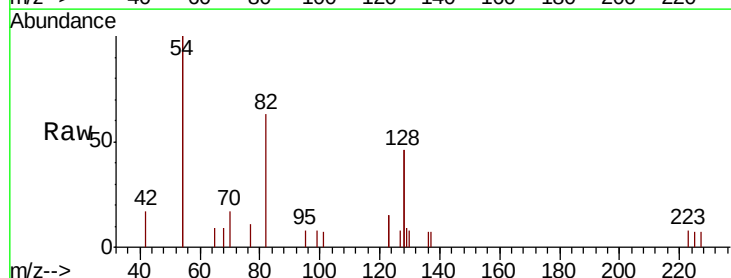
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

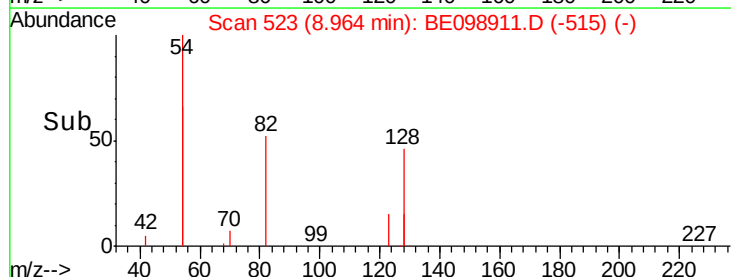
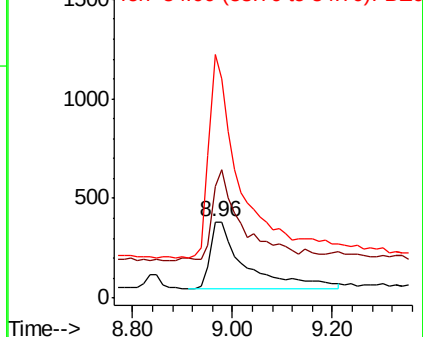
Lab File: BE098911.D

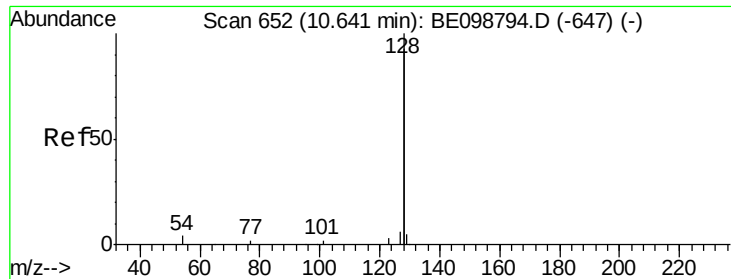
Acq: 13 Mar 2019 14:40

Tgt Ion	Ratio	Lower	Upper
82	100		
128	145.7	123.8	185.8
54	319.1	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: 0.391 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

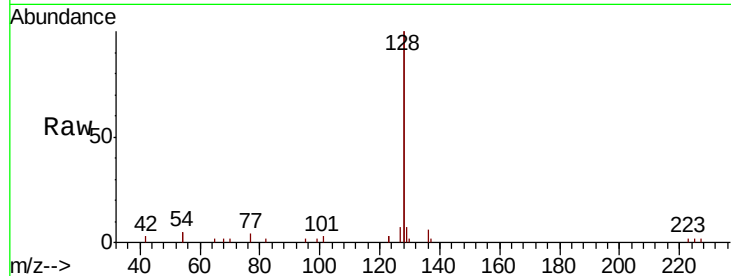
ClientSampleId :

PB117852BSD

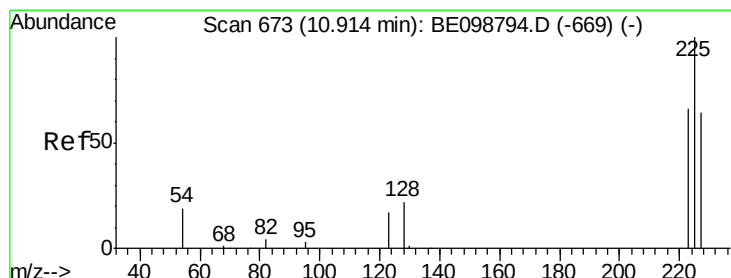
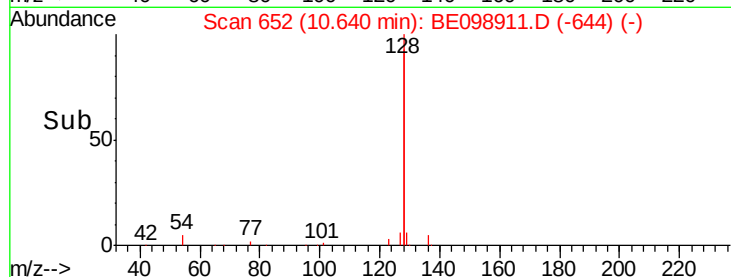
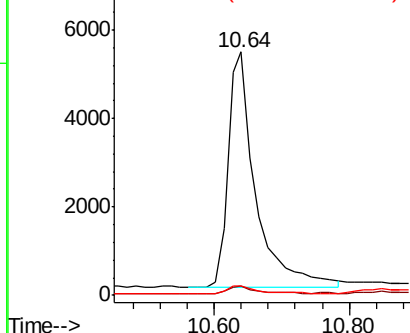
Tot Ion	128	Resp	15123
Ion Ratio	Lower	Upper	
128	100		
129	3.7	2.6	4.0
127	3.7	3.1	4.7

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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: 0.394 ng

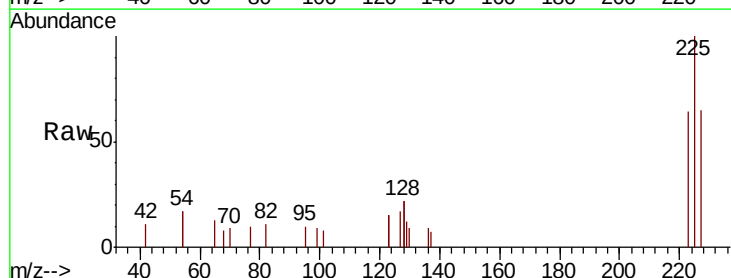
RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

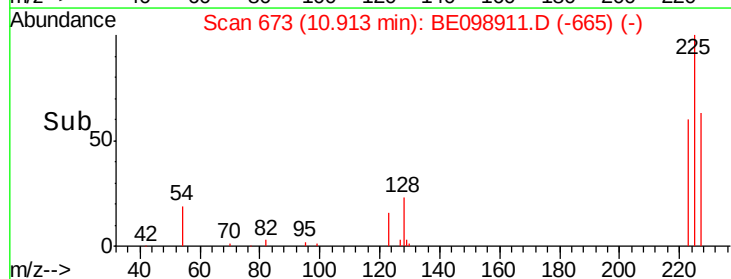
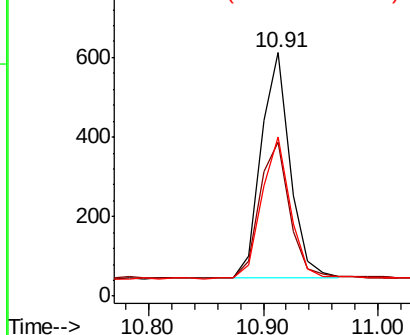
Lab File: BE098911.D

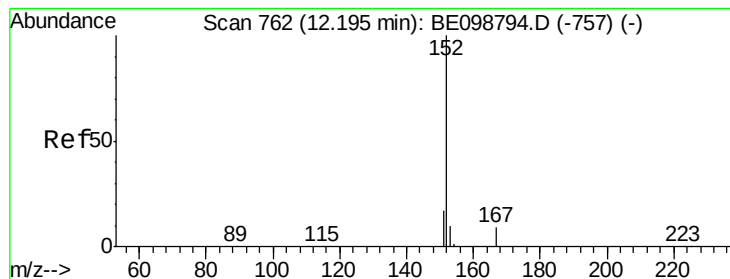
Acq: 13 Mar 2019 14:40

Tgt Ion	225	Resp	1008
Ion Ratio	Lower	Upper	
225	100		
223	62.8	51.1	76.7
227	62.2	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





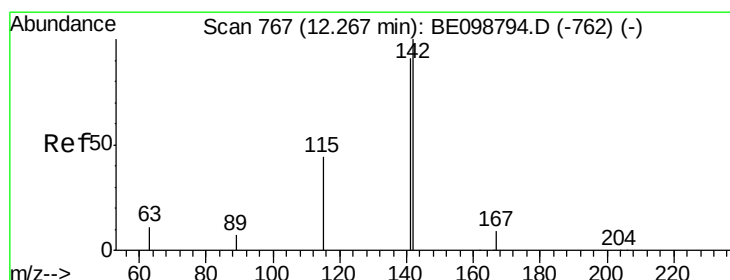
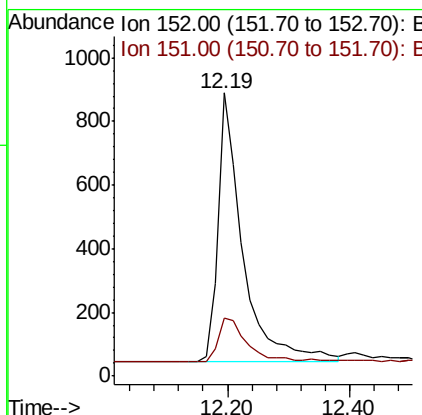
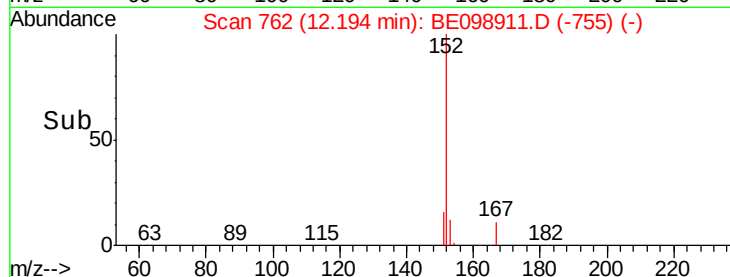
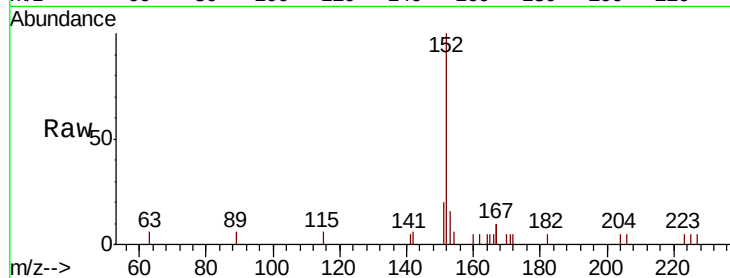
#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.5	24.7

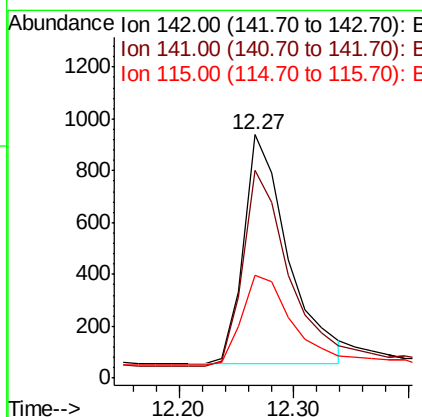
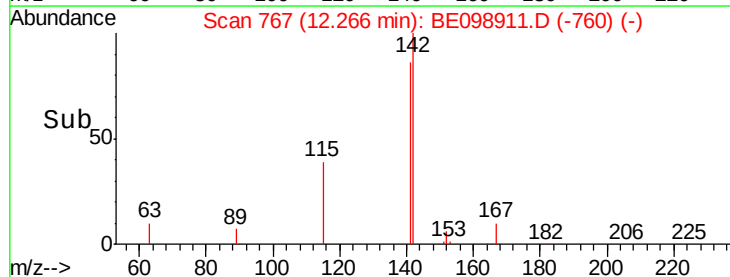
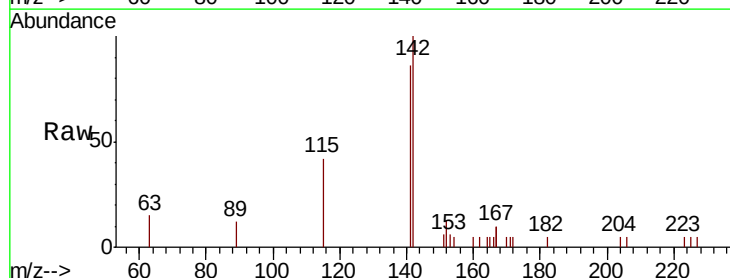
Manual Integrations
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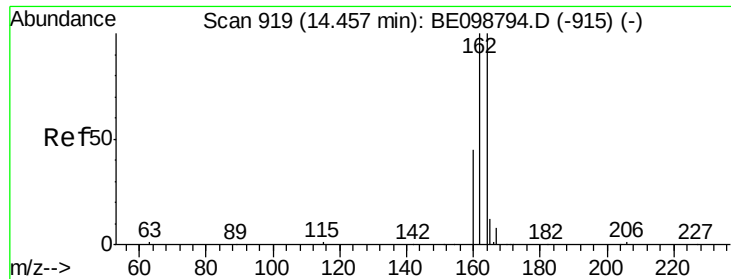
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#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.6	72.6	108.8
115	42.4	37.4	56.2





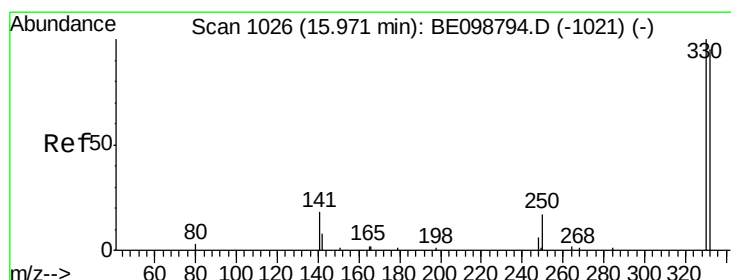
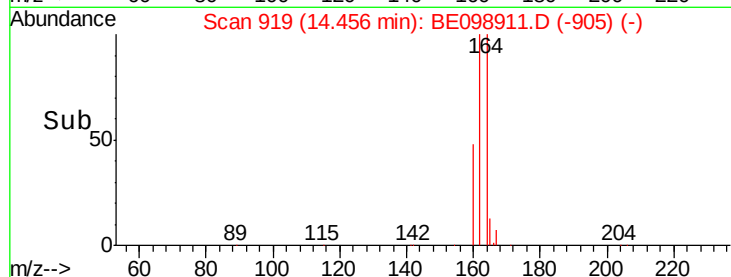
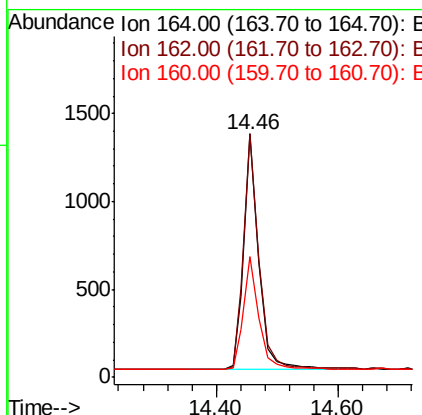
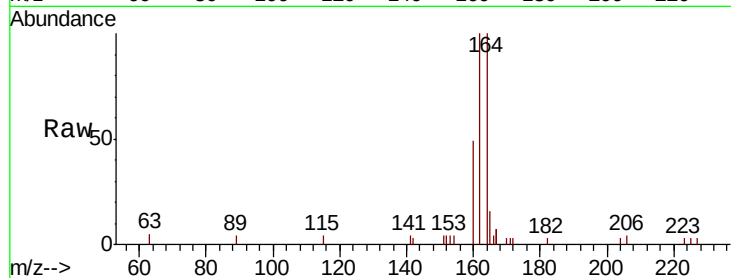
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	49.5	37.8	56.8

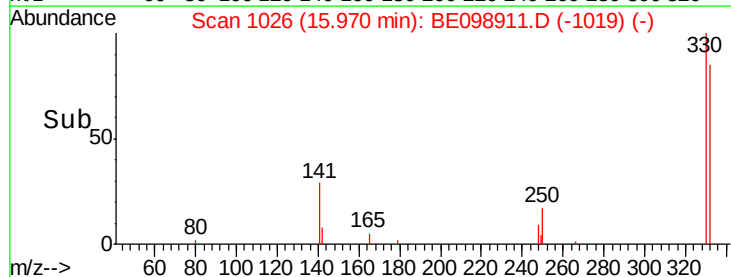
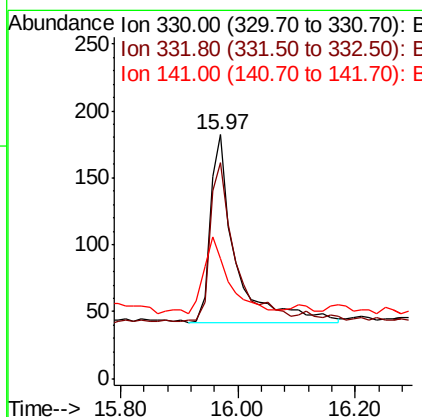
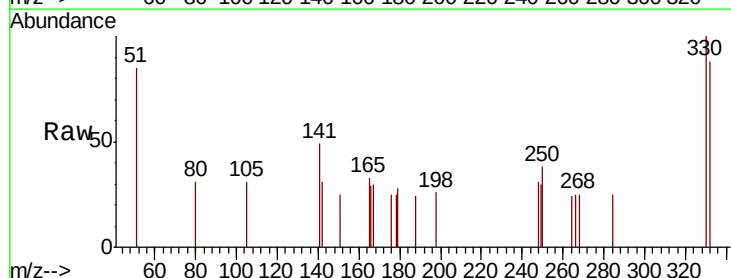
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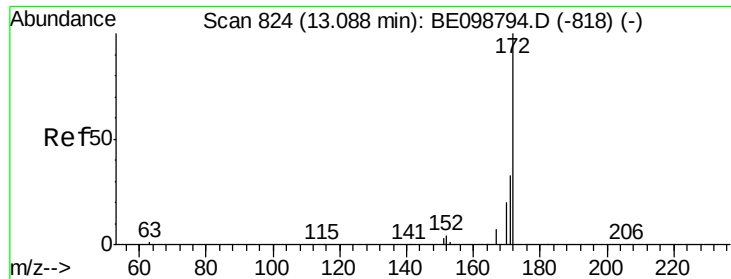
Sohil
3/14/2019 11:09:16 AM



#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	83.5	77.6	116.4
141	40.0	31.0	46.4





#15

2-Fluorobiphenyl

Concen: 0.504 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

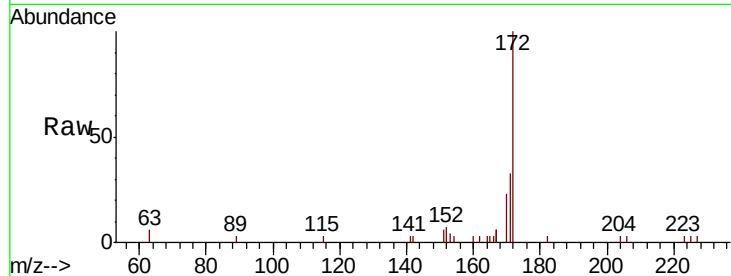
ClientSampleId :

PB117852BSD

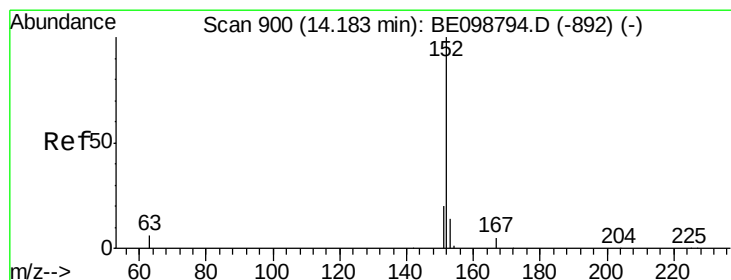
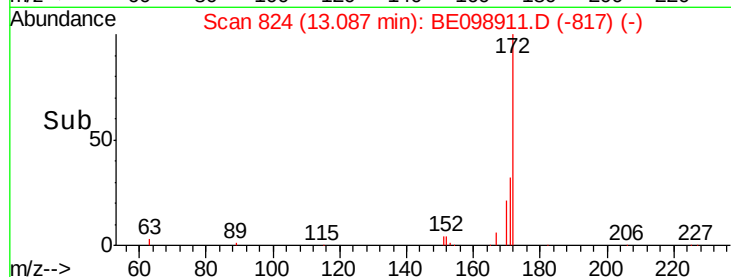
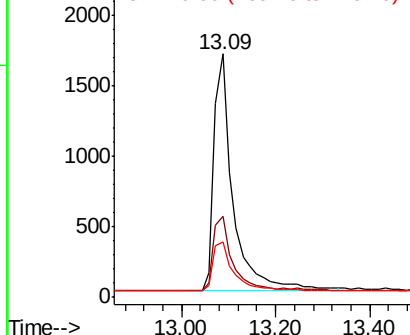
Tot Ion:	172	Resp:	4742
Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.0	42.0
170	22.9	17.7	26.5

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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: 0.375 ng

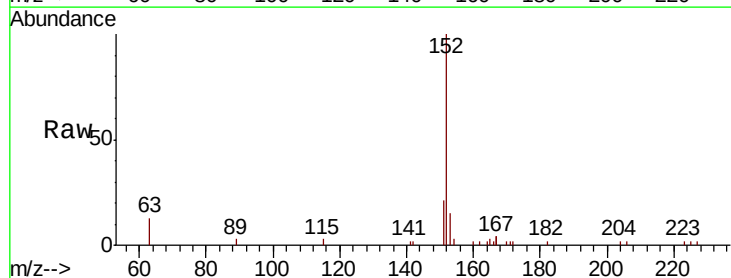
RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

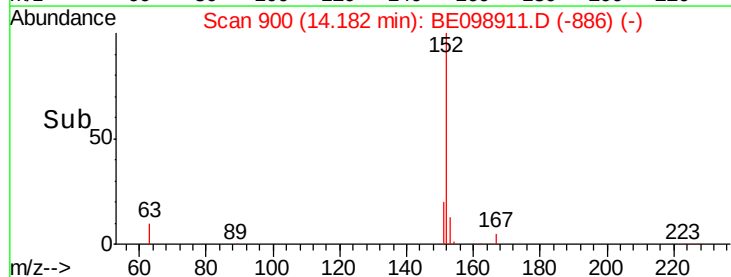
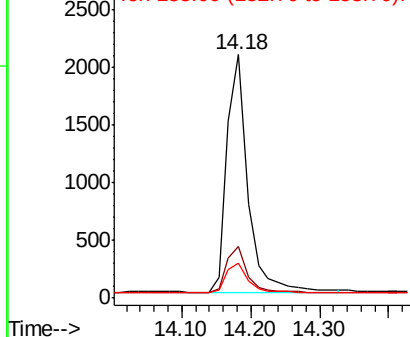
Lab File: BE098911.D

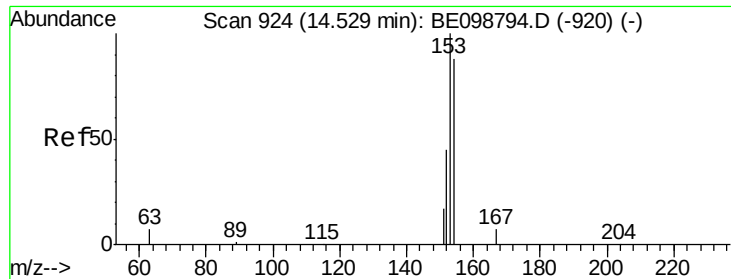
Acq: 13 Mar 2019 14:40

Tgt Ion:	152	Resp:	4383
Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.0	25.6
153	13.2	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





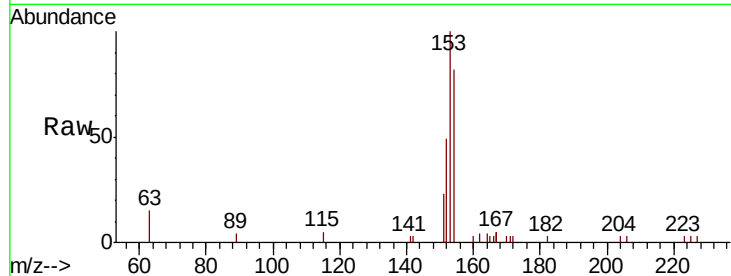
#17
Acenaphthene
Concen: 0.386 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.2	94.2	141.4
152	54.5	45.0	67.4

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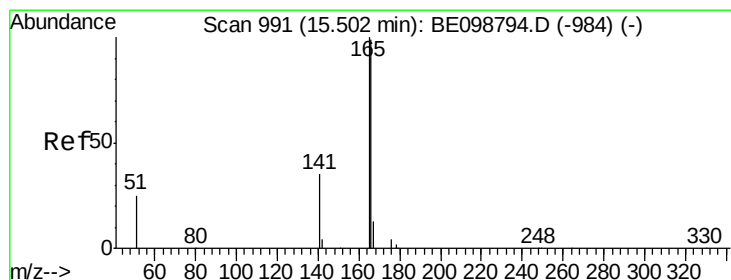
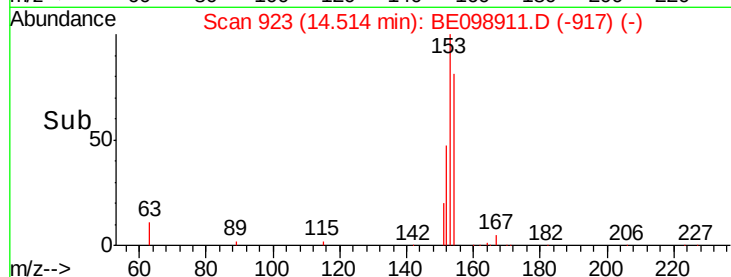
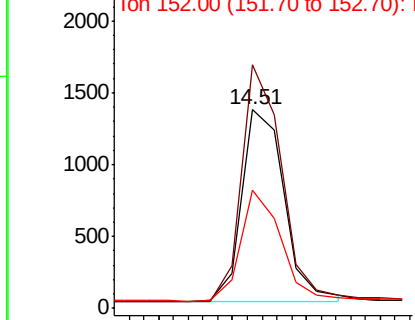


Abundance

Ion 154.00 (153.70 to 154.70): E

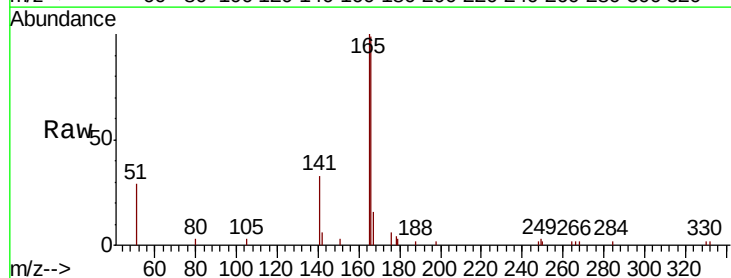
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.375 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.3	118.9
167	13.4	10.5	15.7

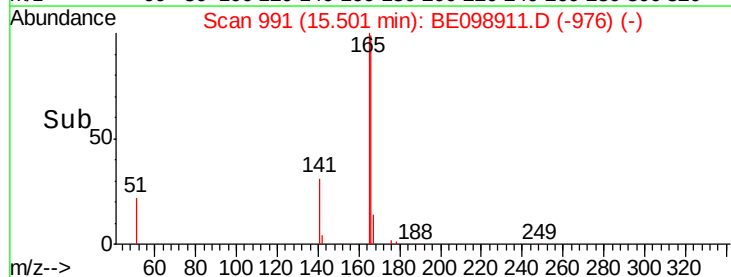
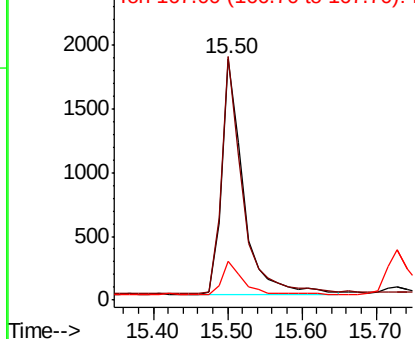


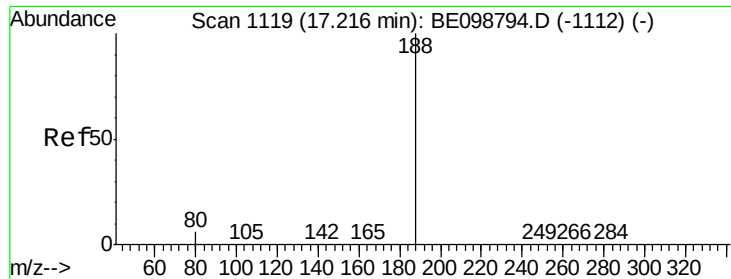
Abundance

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





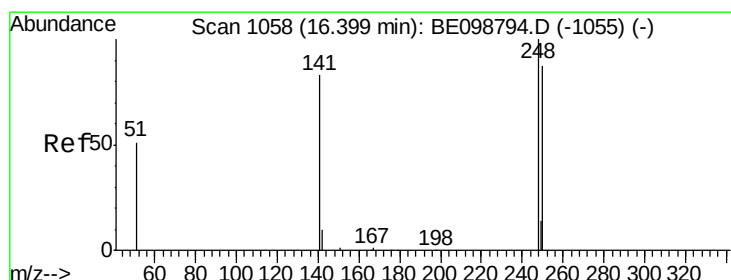
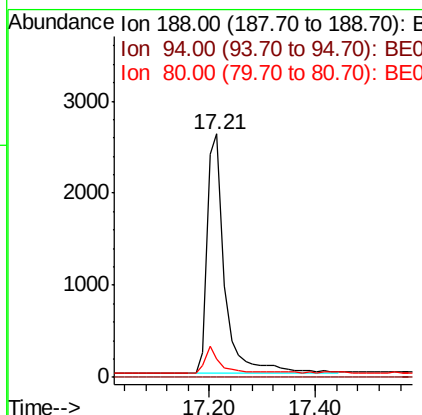
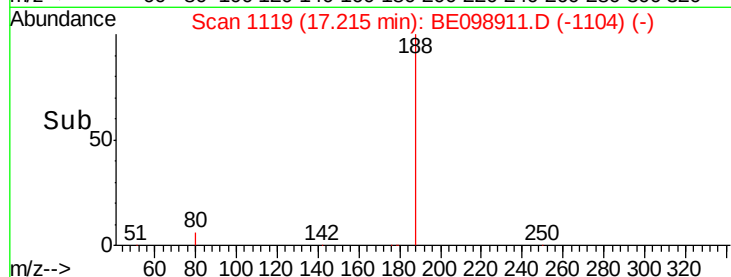
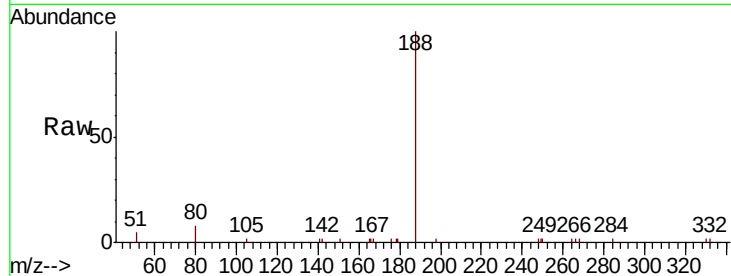
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tot Ion:	188	Resp:	6013
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.8	6.3	9.5

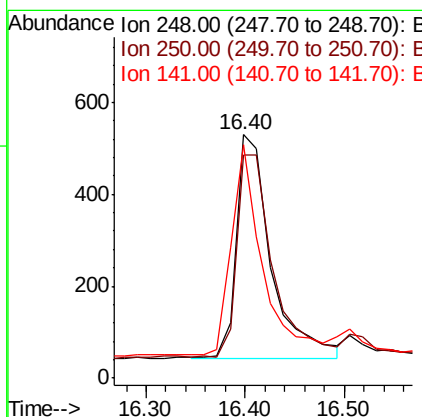
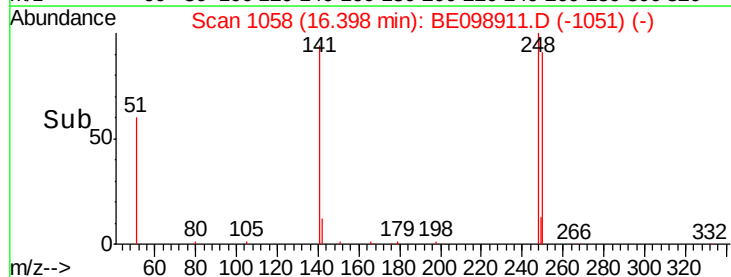
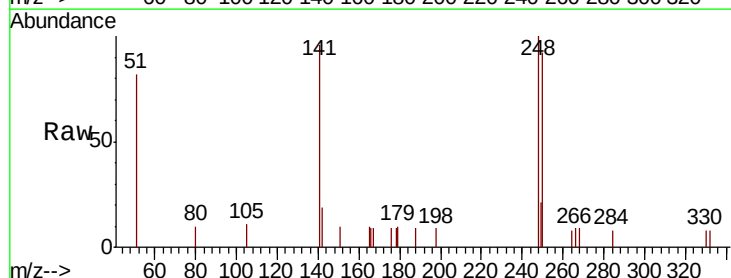
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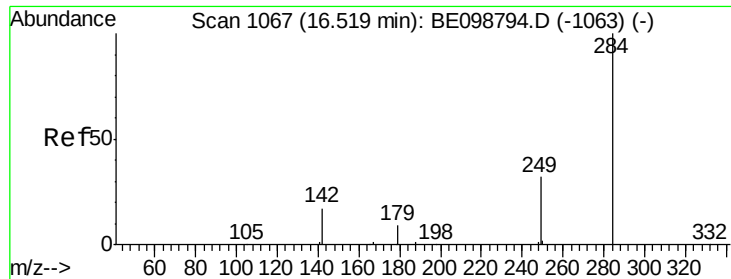
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#20
4-Bromophenyl-phenylether
Concen: 0.370 ng m
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:	248	Resp:	1205
Ion Ratio	Lower	Upper	
248	100		
250	91.9	70.6	105.8
141	95.8	68.6	102.8





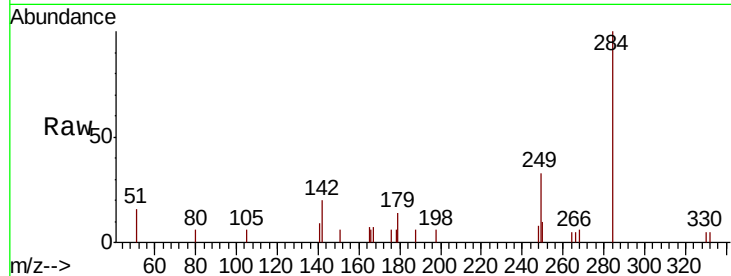
#21
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

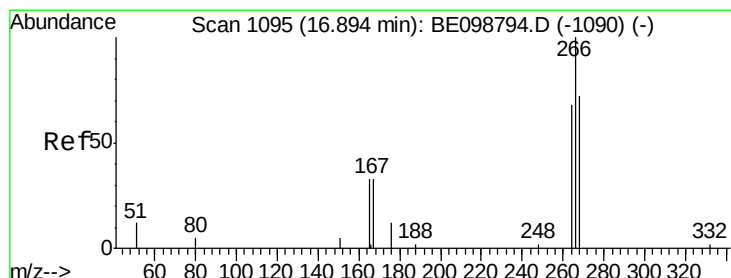
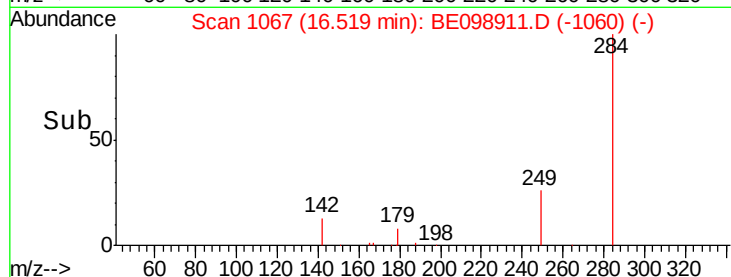
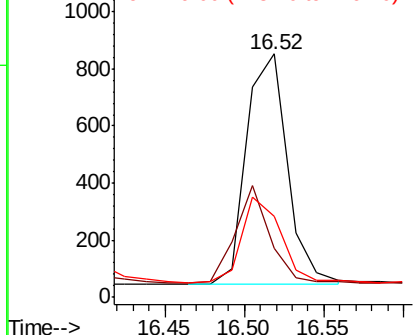
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.7	43.1
249	35.6	29.6	44.4

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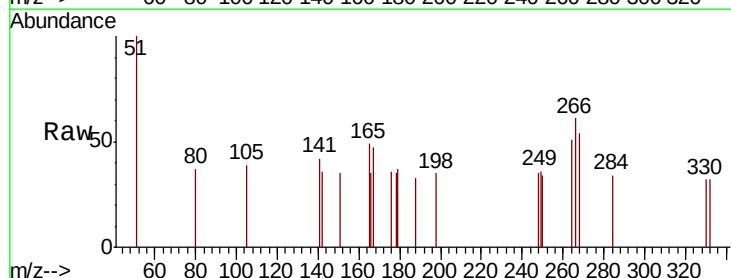


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

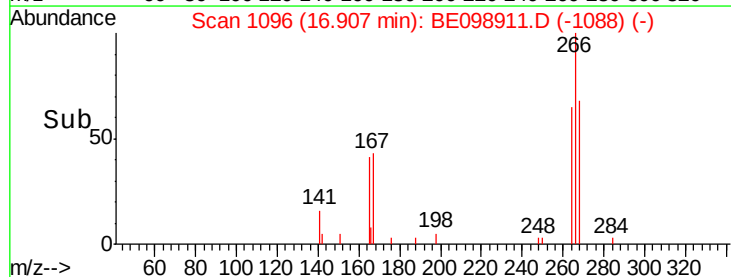
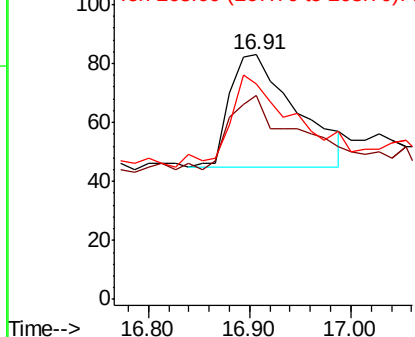


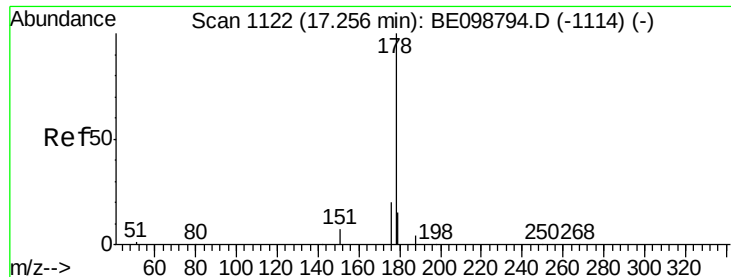
#22
Pentachlorophenol
Concen: 0.396 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion	Ratio	Lower	Upper
266	100		
264	83.1	66.6	100.0
268	88.0	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: 0.365 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

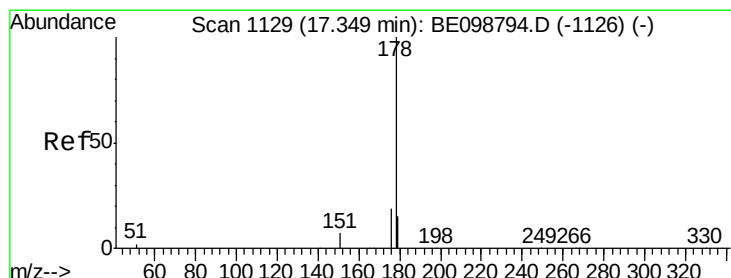
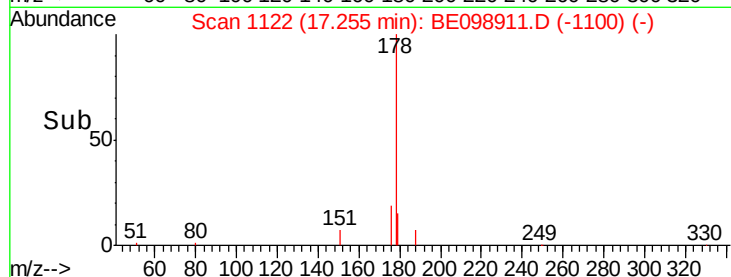
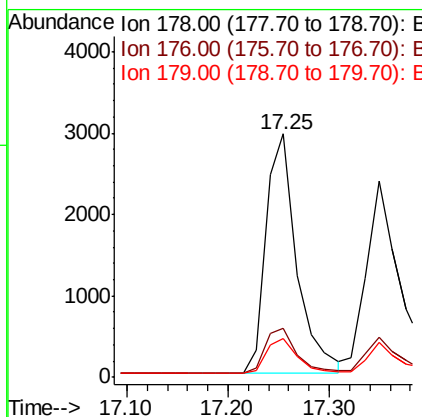
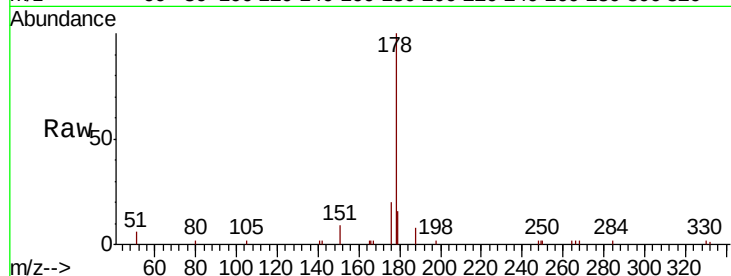
ClientSampleId :

PB117852BSD

Tot Ion:178	Resp:	6237
Ion Ratio	Lower	Upper
178	100	
176	19.2	16.0 24.0
179	14.9	12.1 18.1

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#24

Anthracene

Concen: 0.321 ng

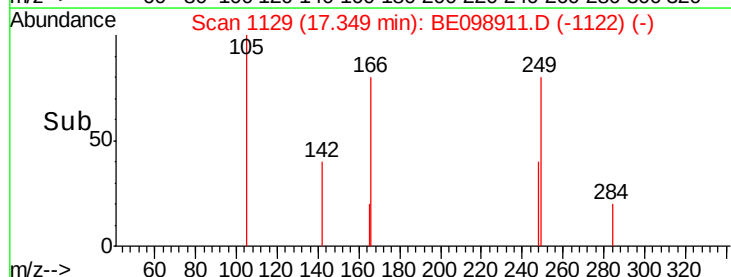
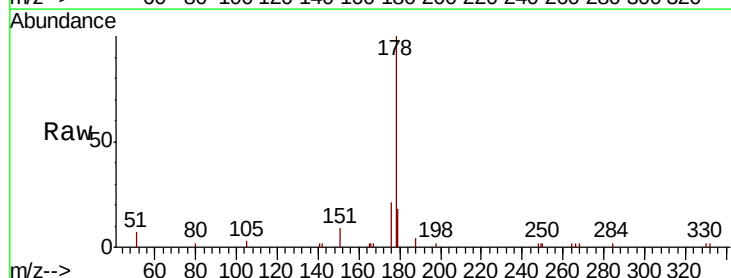
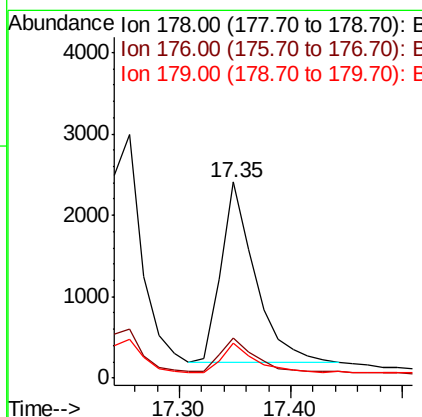
RT: 17.35 min Scan# 1129

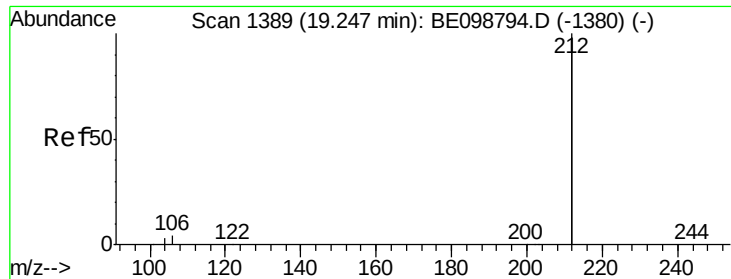
Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Tgt Ion:178	Resp:	4684
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.4 23.0
179	14.9	12.2 18.4





#25

Fluoranthene-d10

Concen: 0.337 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

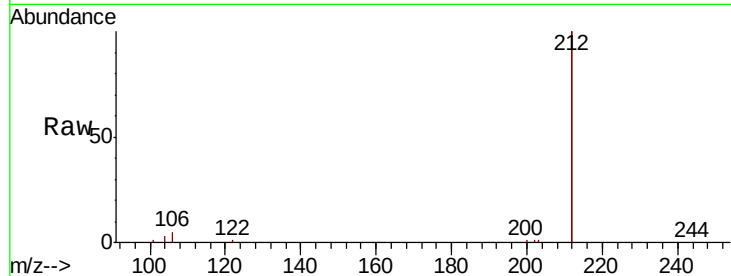
ClientSampleId :

PB117852BSD

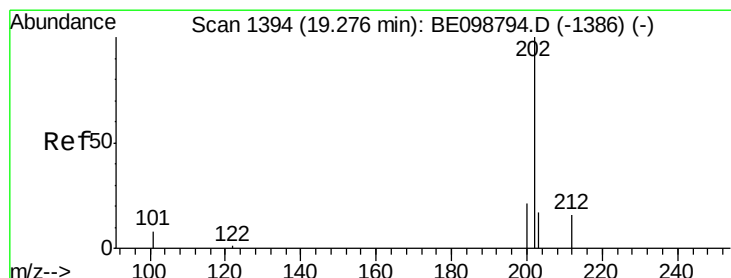
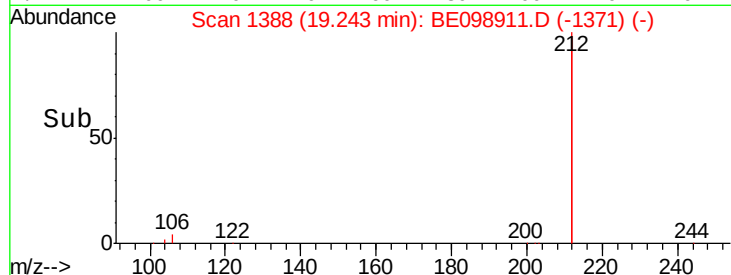
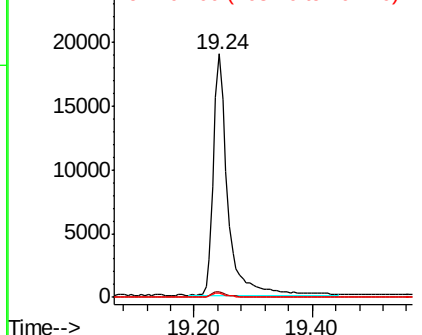
Tot Ion:	212	Resp:	32330
Ion Ratio	Lower	Upper	
212	100		
106	2.2	1.8	2.8
104	1.4	1.0	1.6

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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: 0.343 ng

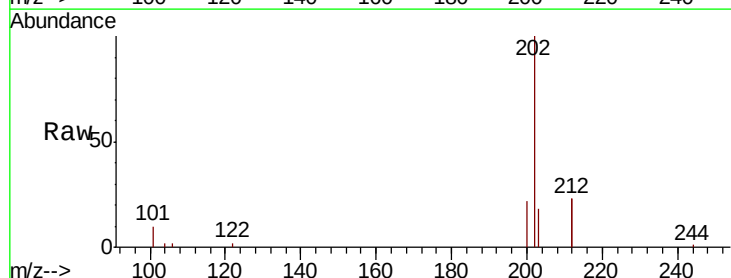
RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

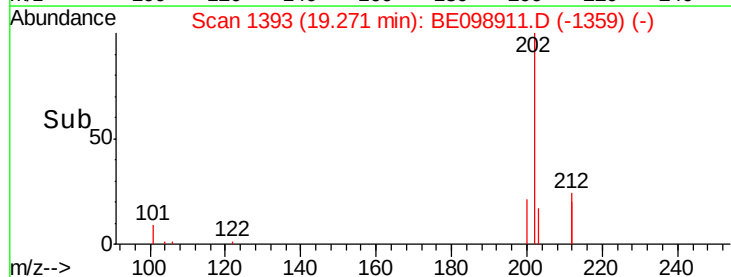
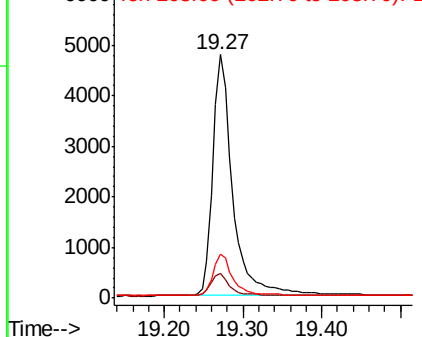
Lab File: BE098911.D

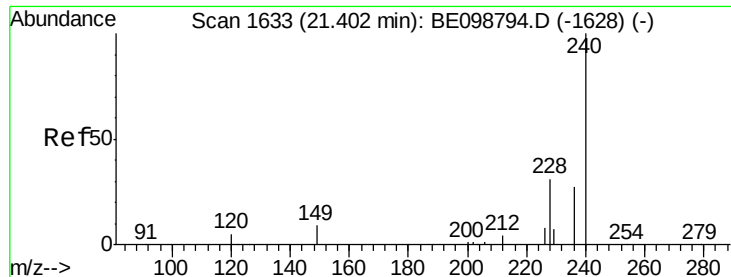
Acq: 13 Mar 2019 14:40

Tgt Ion:	202	Resp:	8275
Ion Ratio	Lower	Upper	
202	100		
101	9.3	7.3	10.9
203	17.4	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





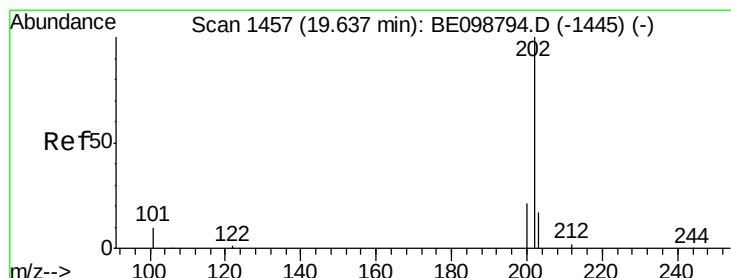
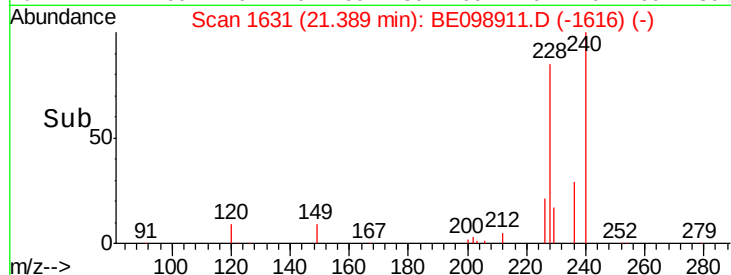
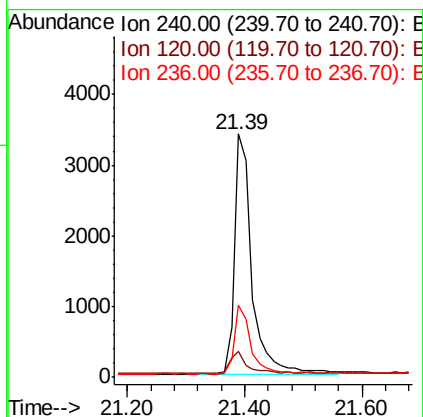
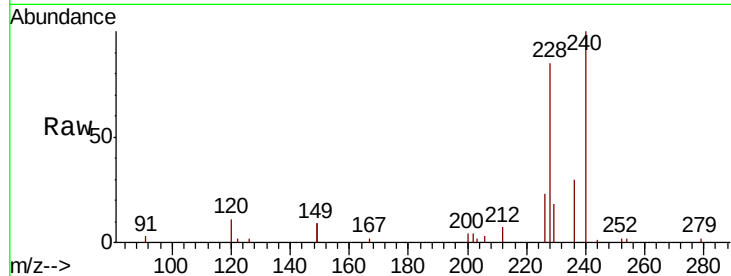
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.0	7.4#
236	29.8	22.7	34.1

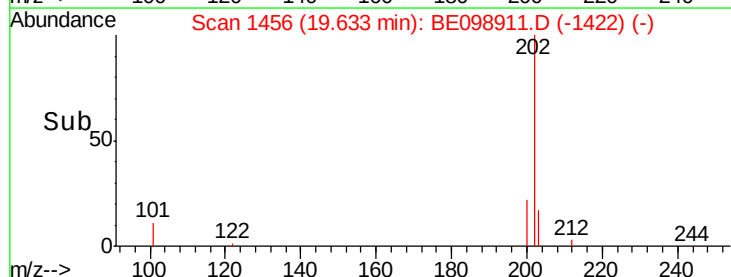
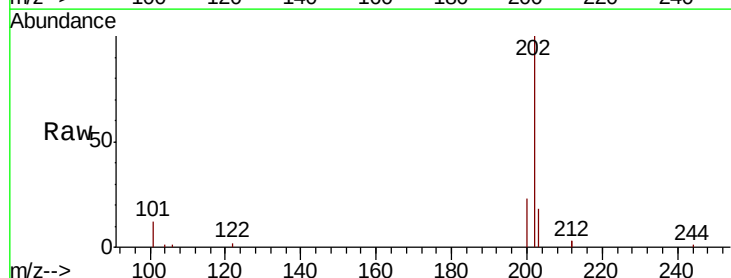
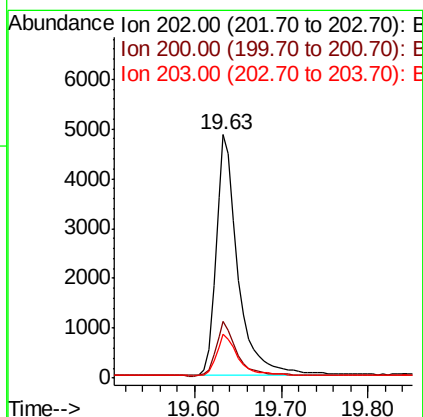
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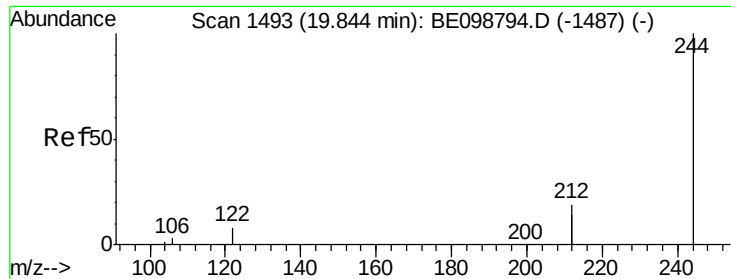
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#28
Pyrene
Concen: 0.395 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.6
203	17.2	14.2	21.2





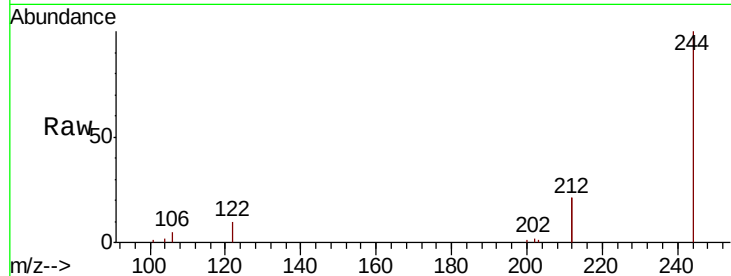
#29
 Terphenyl-d14
 Concen: 0.497 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BE098911.D
 Acq: 13 Mar 2019 14:40

Instrument :
 BNA_E
 ClientSampleId :
 PB117852BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	41.1	29.4	44.2
122	10.3	7.1	10.7

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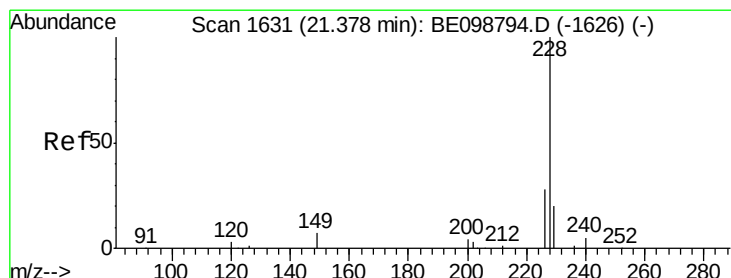
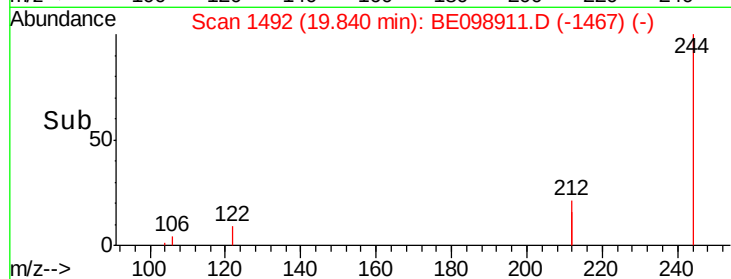
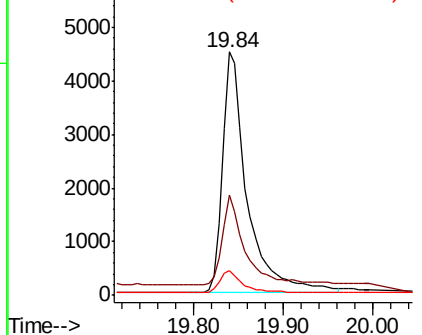


Abundance

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: 0.370 ng
 RT: 21.38 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE098911.D
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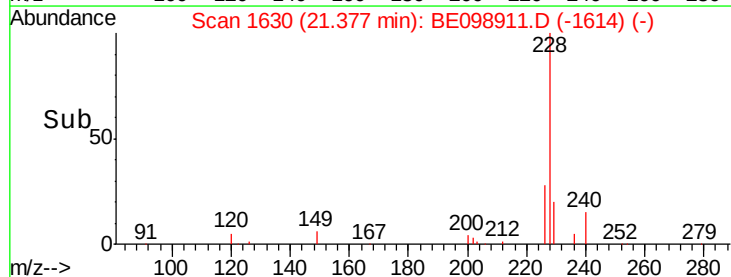
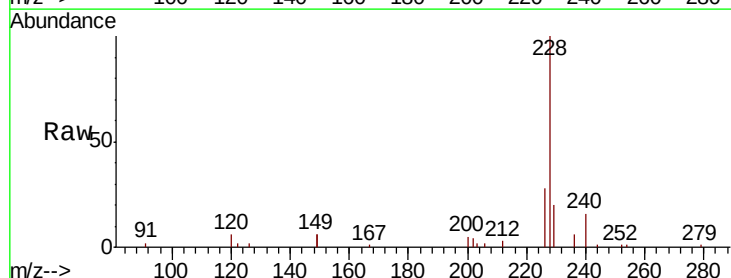
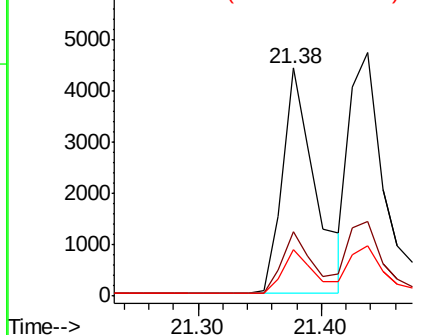
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	20.4	16.5	24.7

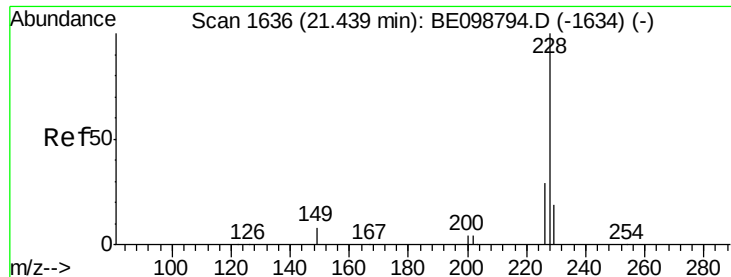
Abundance

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: 0.371 ng

RT: 21.44 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

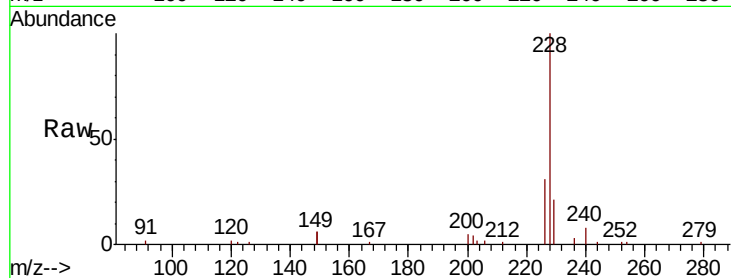
ClientSampleId :

PB117852BSD

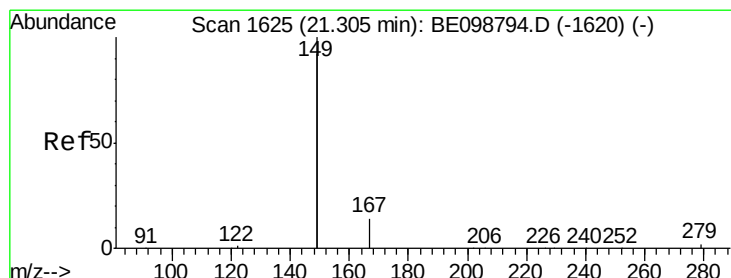
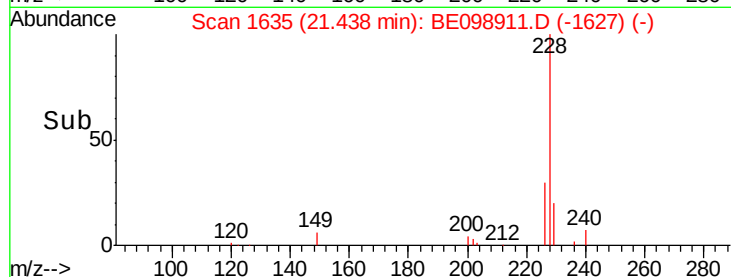
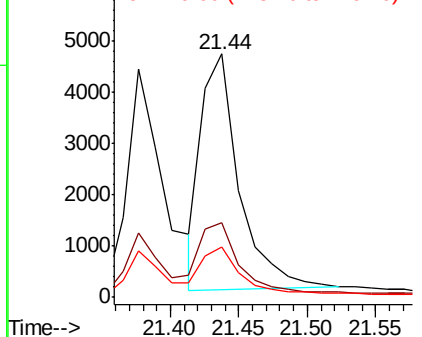
Tot Ion:	228	Resp:	8802
Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.7	35.5
229	20.5	16.1	24.1

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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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.296 ng

RT: 21.29 min Scan# 1623

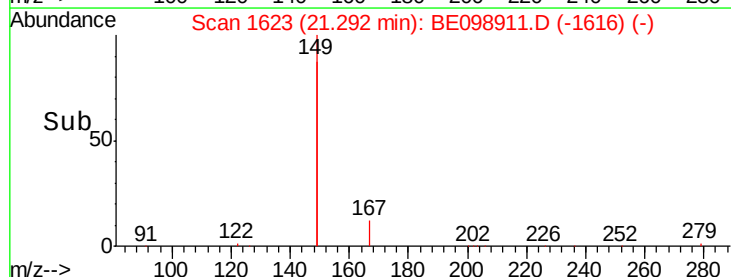
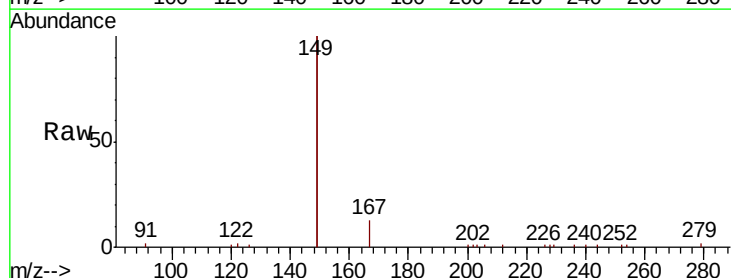
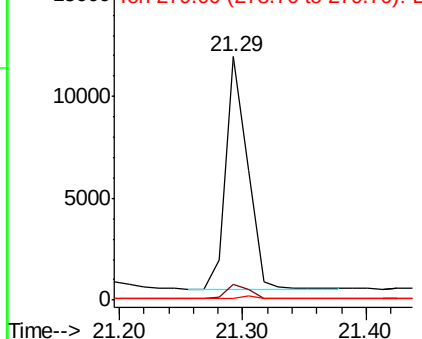
Delta R.T. -0.01 min

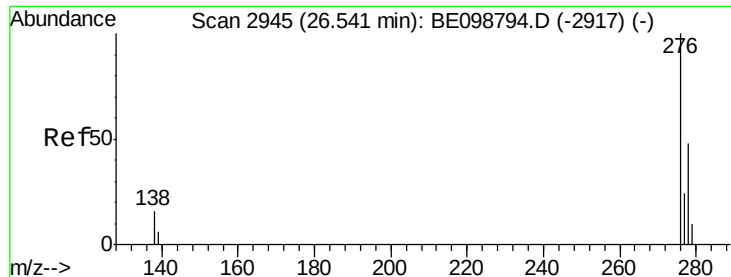
Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Tgt Ion:	149	Resp:	13947
Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	1.3	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





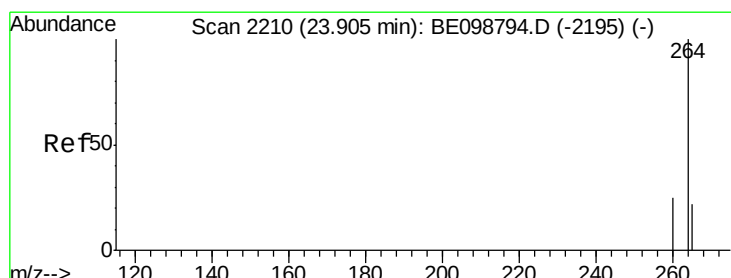
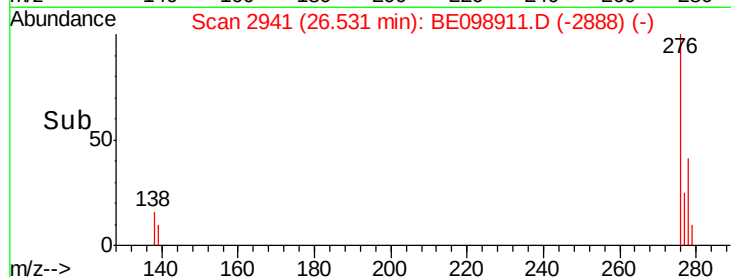
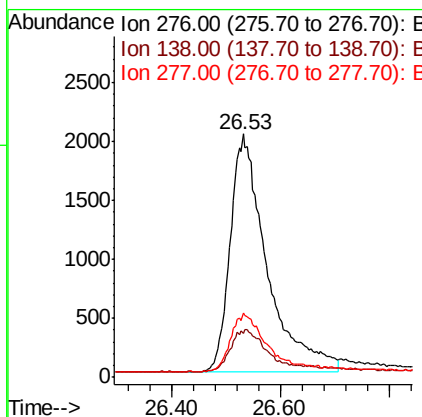
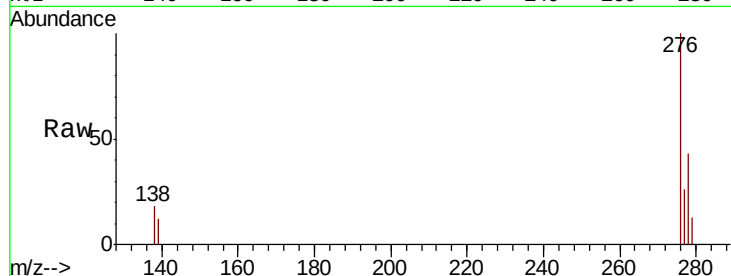
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.8	20.8
277	22.9	19.5	29.3

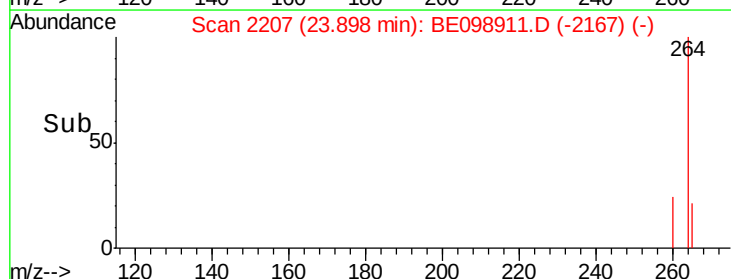
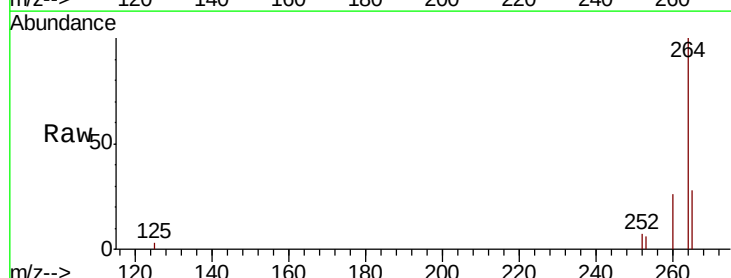
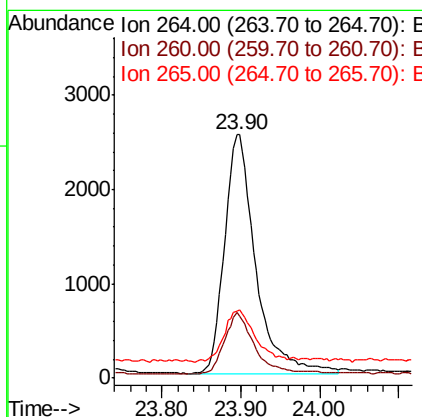
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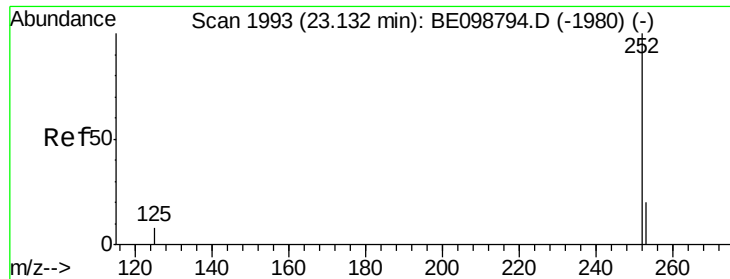
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.2	31.8
265	27.8	24.6	36.8





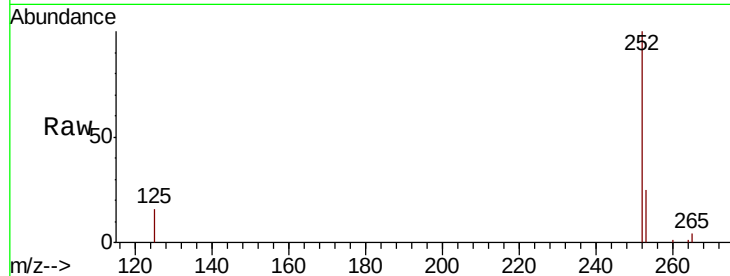
#35
Benzo(b)fluoranthene
Concen: 0.372 ng m
RT: 23.13 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.2
125	15.7	7.3	10.9

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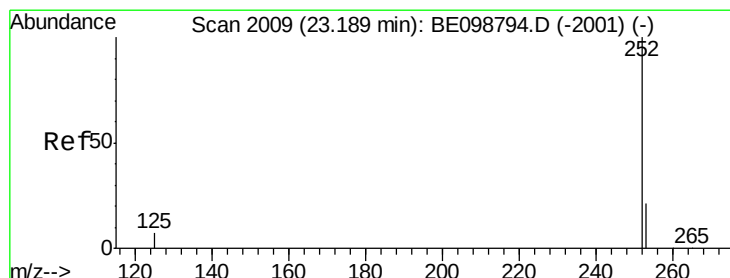
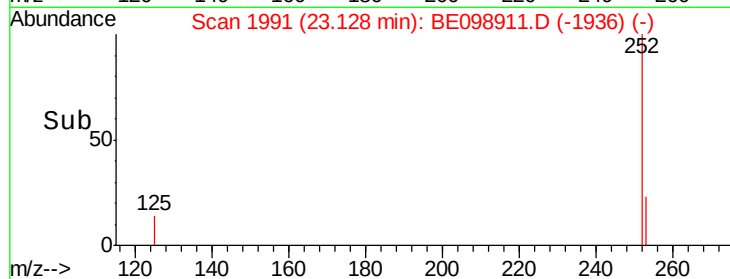
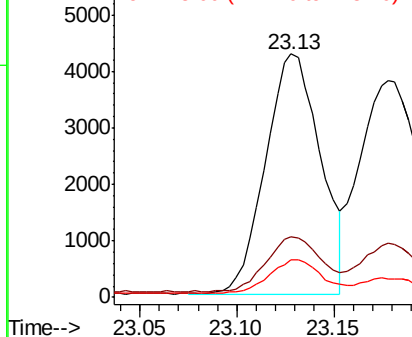


Abundance

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



#36
Benzo(k)fluoranthene
Concen: 0.406 ng
RT: 23.18 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

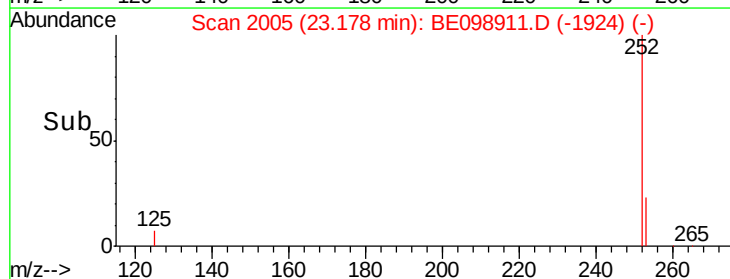
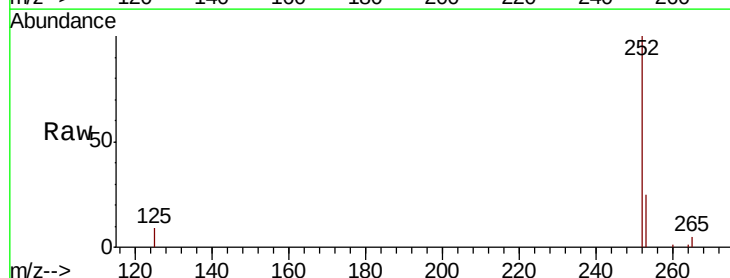
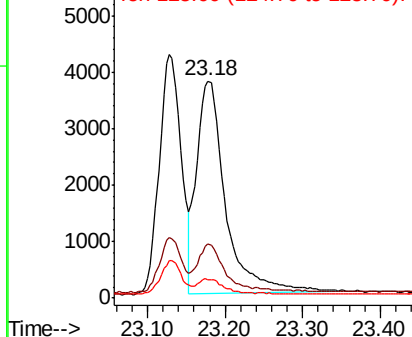
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.3	28.9
125	8.7	7.5	11.3

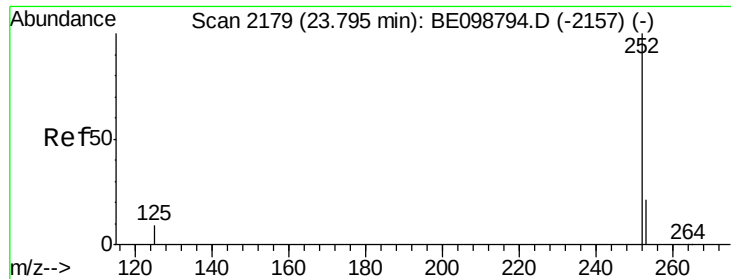
Abundance

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





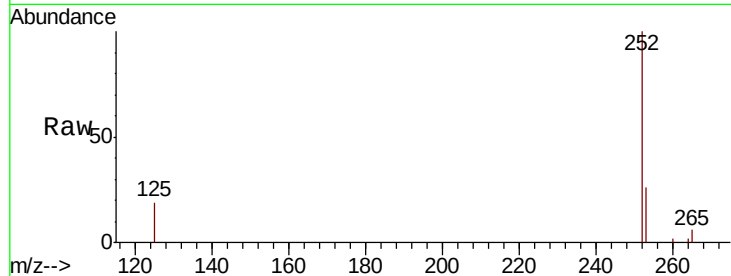
#37
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.9	29.9
125	18.5	9.0	13.4

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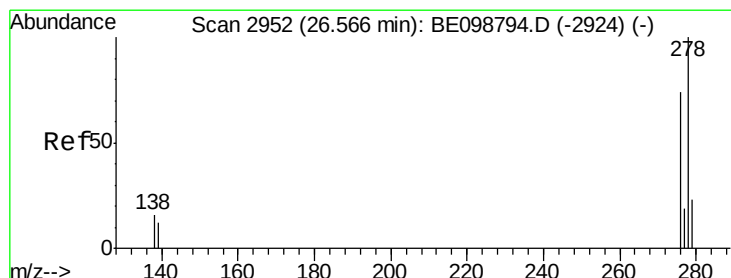
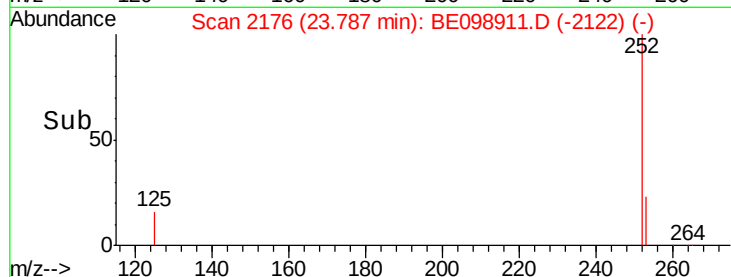
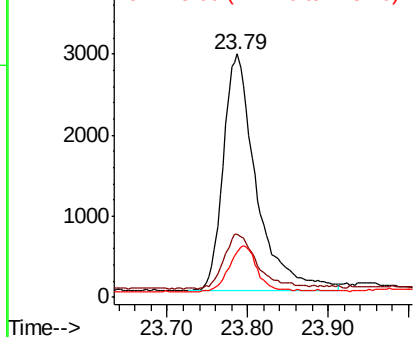


Abundance

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: 0.356 ng
RT: 26.56 min Scan# 2950
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

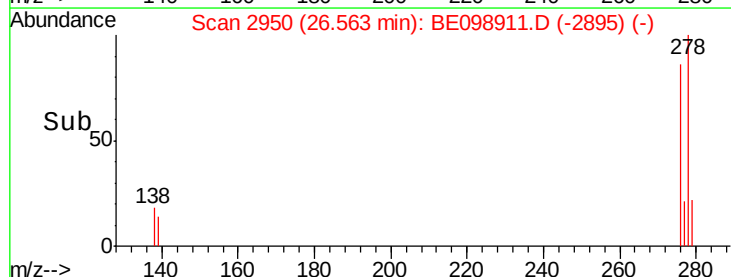
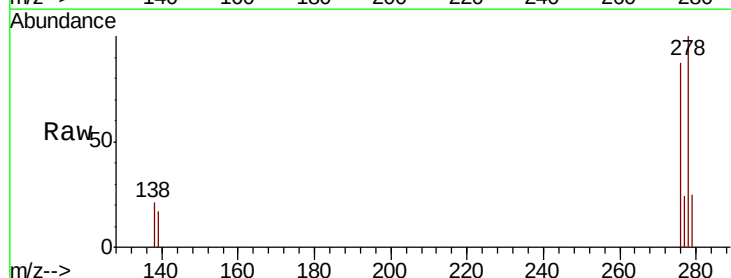
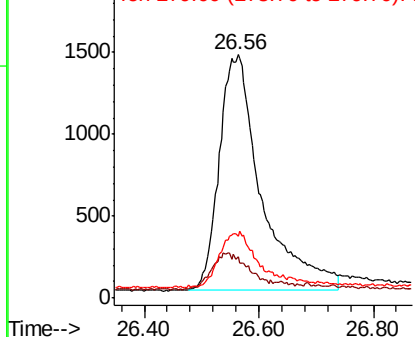
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	11.8	17.6
279	25.4	21.1	31.7

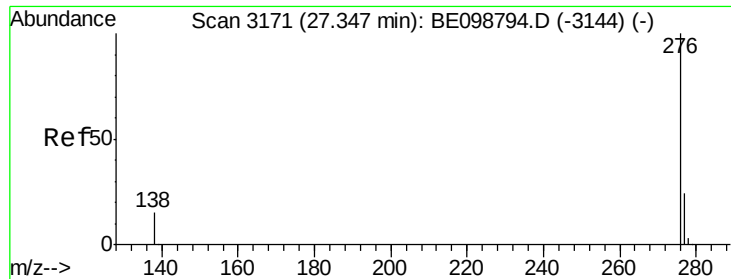
Abundance

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: 0.368 ng

RT: 27.33 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BE098911.D

Acq: 13 Mar 2019 14:40

Instrument :

BNA_E

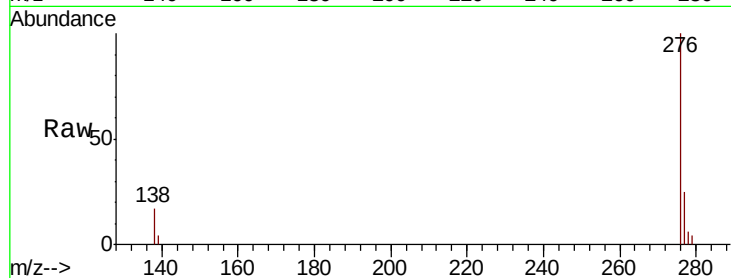
ClientSampleId :

PB117852BSD

Tot Ion:	276	Resp:	7944
Ion Ratio	Lower	Upper	
276	100		
277	25.5	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

