

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062519\
 Data File : BE100183.D
 Acq On : 25 Jun 2019 17:00
 Operator : JU/SJ
 Sample : PB120573BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120573BS

Manual Integrations
 APPROVED

mohammad
 6/26/2019 9:18:23 AM

Quant Time: Jun 26 03:25:46 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 25 15:40:27 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	380	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	1387	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	1002	0.40	ng	0.01
19) Phenanthrene-d10	17.09	188	2943	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5014	0.40	ng	0.00
34) Perylene-d12	23.73	264	6783	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.24	112	336	0.40	ng	0.00
5) Phenol-d6	6.87	99	417	0.36	ng	0.00
8) Nitrobenzene-d5	8.86	82	454	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.09	152	1014	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	217	0.37	ng	0.01
15) 2-Fluorobiphenyl	12.99	172	1729	0.43	ng	0.01
25) Fluoranthene-d10	19.13	212	16486	0.39	ng	0.00
29) Terphenyl-d14	19.74	244	3277	0.33	ng	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.12	88	319	0.536 ng	# 92
3) n-Nitrosodimethylamine	3.51	42	34	0.155 ng	# 51
6) bis(2-Chloroethyl)ether	7.12	93	400	0.376 ng	# 49
9) Naphthalene	10.52	128	6409	0.423 ng	100
10) Hexachlorobutadiene	10.78	225	650	0.416 ng	98
12) 2-Methylnaphthalene	12.16	142	917	0.376 ng	95
16) Acenaphthylene	14.07	152	2152	0.440 ng	98
17) Acenaphthene	14.41	154	1140	0.416 ng	98
18) Fluorene	15.39	166	1683	0.425 ng	99
20) 4-Bromophenyl-phenylether	16.29	248	737	0.404 ng	96
21) Hexachlorobenzene	16.40	284	848	0.423 ng	98
22) Pentachlorophenol	16.76	266	1377	2.312 ng	# 80
23) Phenanthrene	17.13	178	3000	0.430 ng	99
24) Anthracene	17.24	178	2292	0.389 ng	98
26) Fluoranthene	19.16	202	4782	0.422 ng	99
28) Pyrene	19.53	202	4800	0.374 ng	99
30) Benzo(a)anthracene	21.27	228	5616	0.380 ng	99
31) Chrysene	21.32	228	6619	0.382 ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	5515	0.325 ng	100
33) Indeno(1,2,3-cd)pyrene	26.31	276	10935	0.443 ng	# 93
35) Benzo(b)fluoranthene	22.97	252	7649m	0.419 ng	
36) Benzo(k)fluoranthene	23.02	252	8818	0.404 ng	100
37) Benzo(a)pyrene	23.62	252	7879	0.417 ng	# 91
38) Dibenzo(a,h)anthracene	26.34	278	8593	0.425 ng	98
39) Benzo(g,h,i)perylene	27.10	276	8921	0.423 ng	100

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

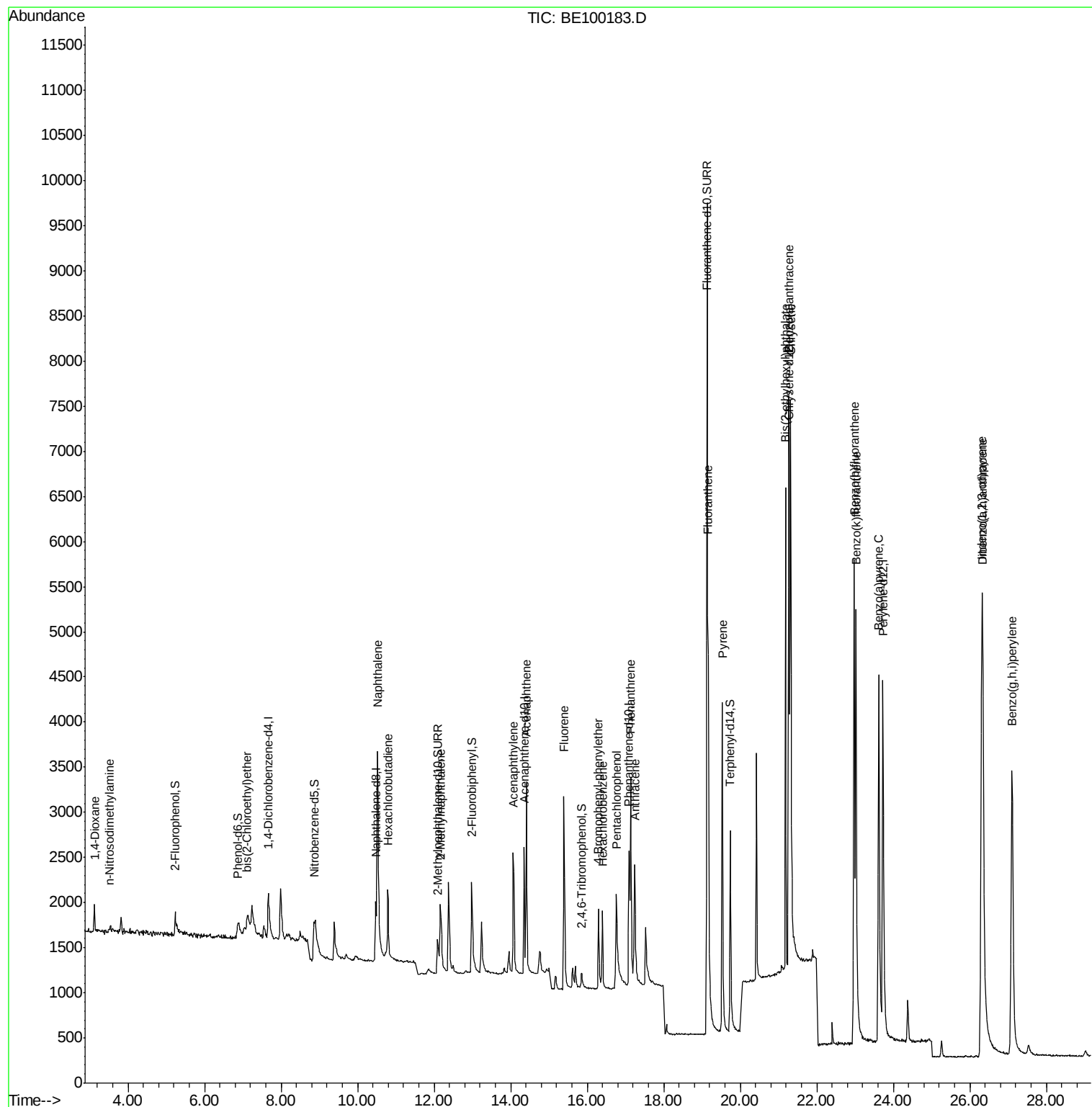
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062519\
Data File : BE100183.D
Acq On : 25 Jun 2019 17:00
Operator : JU/SJ
Sample : PB120573BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

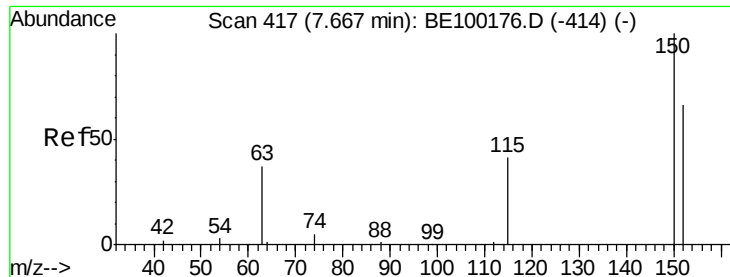
Instrument :
BNA_E
ClientSampleID :
PB120573BS

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6/26/2019 9:18:23 AM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.67 min Scan# 417

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

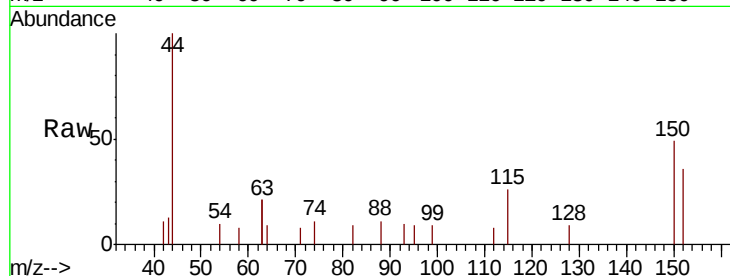
ClientSampleId :

PB120573BS

Tgt Ion:	152	Resp:	380
Ion Ratio	Lower	Upper	
152	100		
150	138.1	113.4	170.2
115	71.6	55.8	83.6

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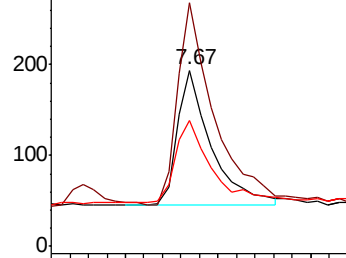
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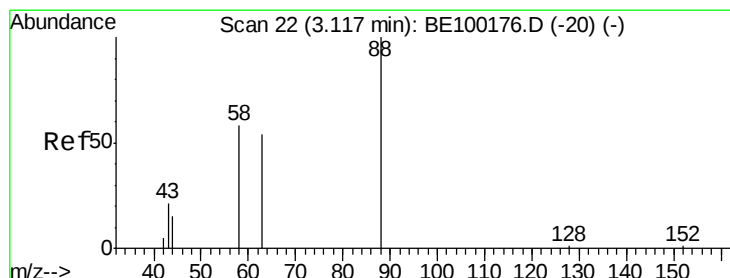
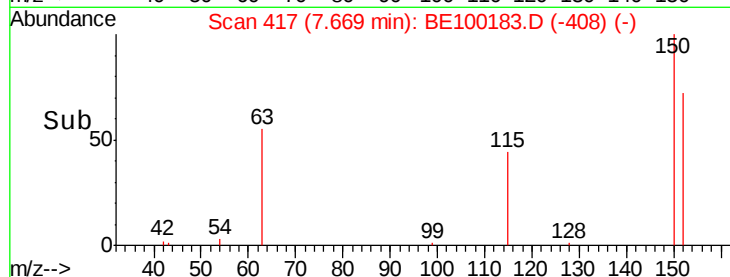
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.536 ng

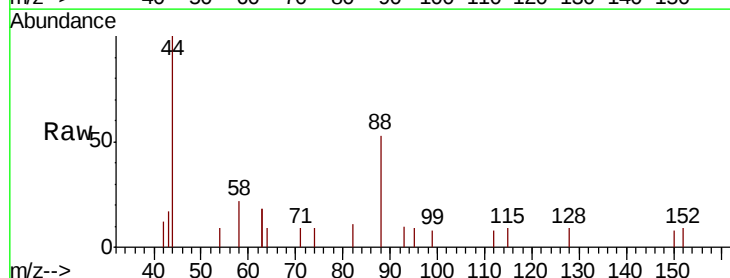
RT: 3.12 min Scan# 22

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

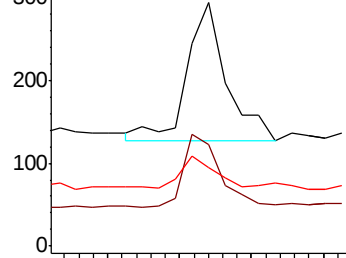
Tgt Ion:	88	Resp:	319
Ion Ratio	Lower	Upper	
88	100		
58	50.5	43.8	65.6
43	18.5	19.4	29.2#



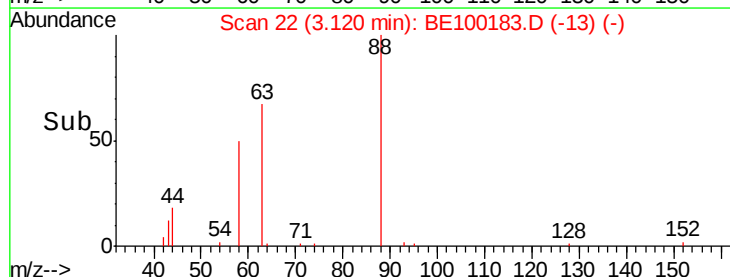
Abundance Ion 88.00 (87.70 to 88.70): BE1

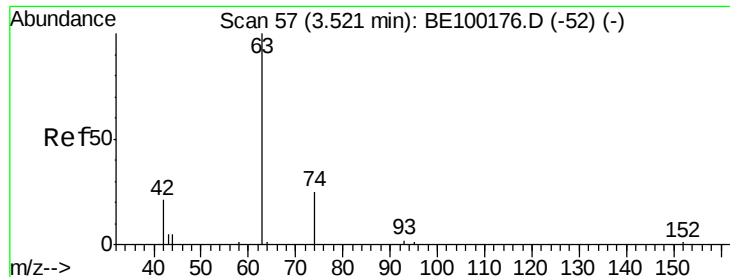
Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



Time-->





#3

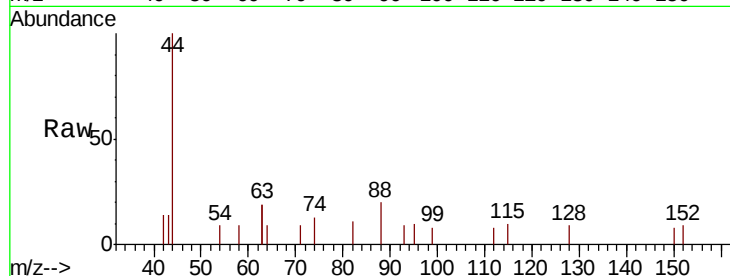
n-Nitrosodimethylamine
Concen: 0.155 ng
RT: 3.51 min Scan# 56
Delta R.T. -0.01 min
Lab File: BE100183.D
Acq: 25 Jun 2019 17:00

Instrument :
BNA_E
ClientSampleId :
PB120573BS

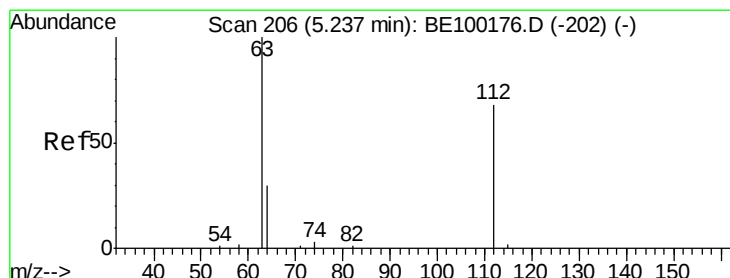
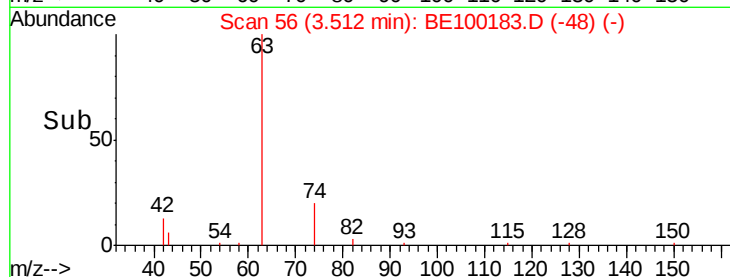
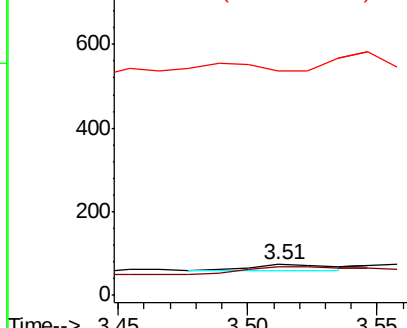
Tgt Ion	Ratio	Lower	Upper
42	100		
74	226.5	193.2	289.8
44	0.0	114.5	171.7#

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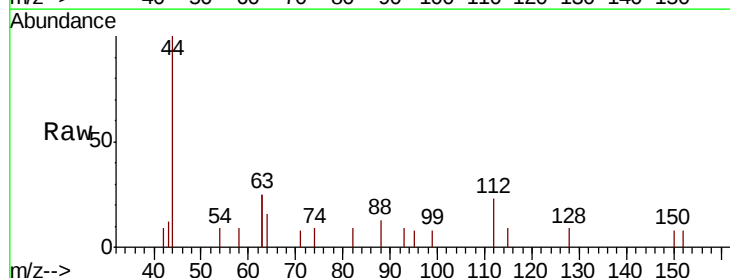
Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



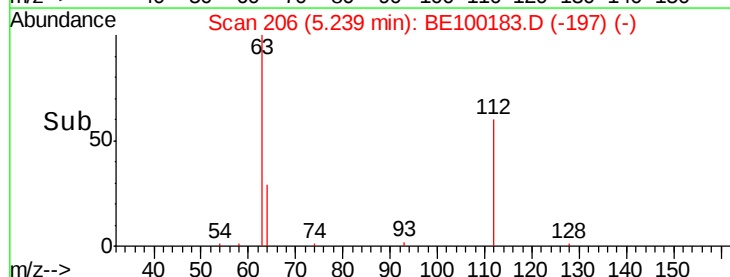
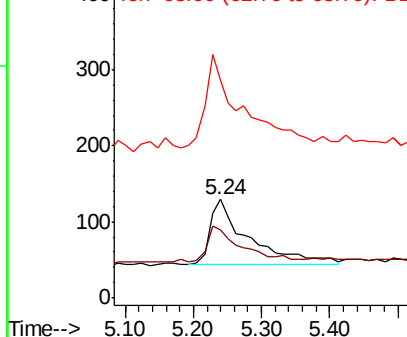
#4

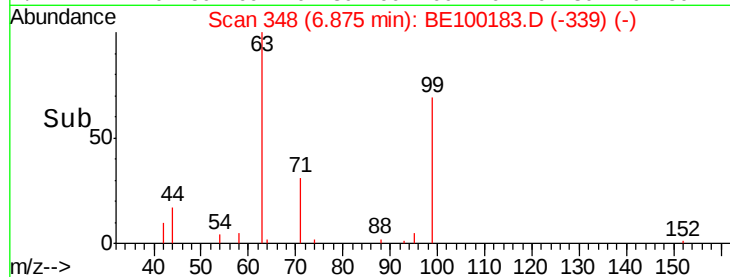
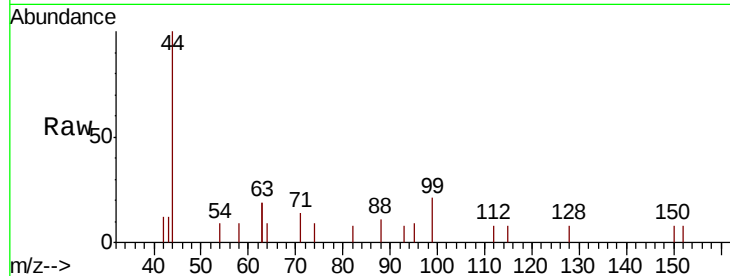
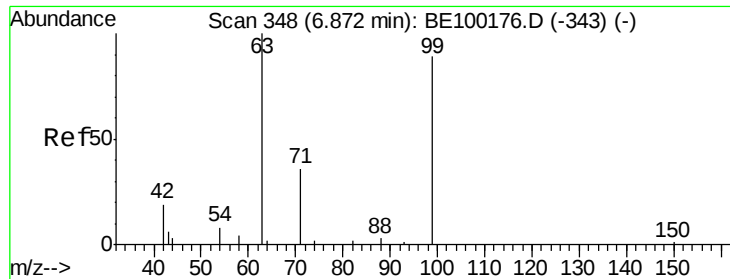
2-Fluorophenol
Concen: 0.398 ng
RT: 5.24 min Scan# 206
Delta R.T. 0.00 min
Lab File: BE100183.D
Acq: 25 Jun 2019 17:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.7	40.7	61.1
63	134.2	93.2	139.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.359 ng

RT: 6.87 min Scan# 348

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

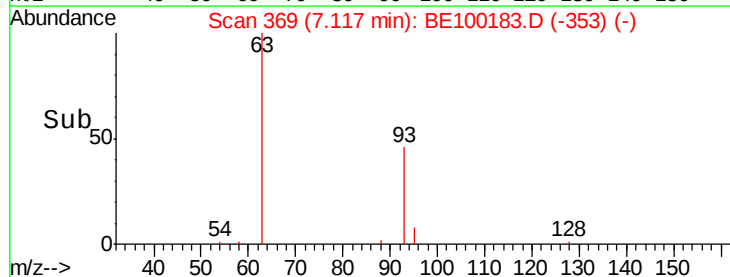
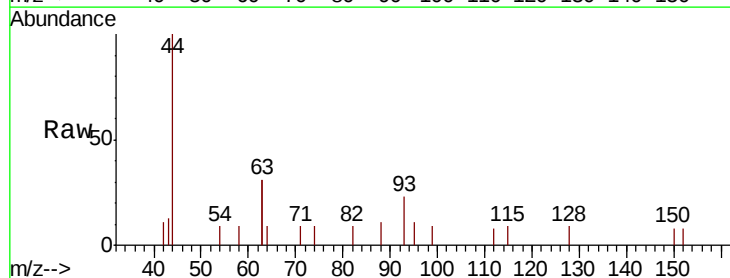
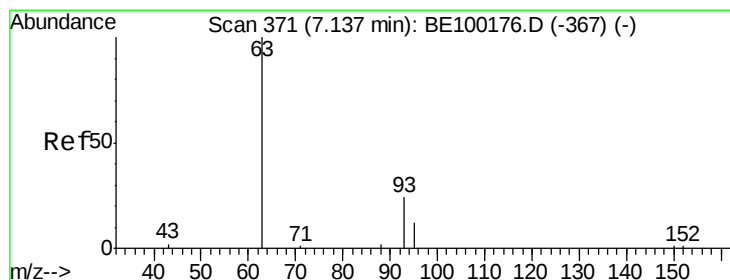
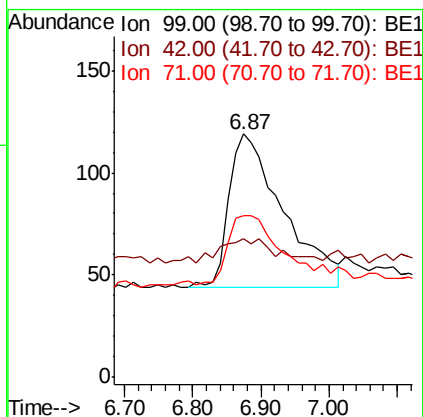
ClientSampleId :

PB120573BS

Tgt Ion:	99	Resp:	417
Ion	Ratio	Lower	Upper
99	100		
42	15.8	10.4	15.6#
71	49.6	32.4	48.6#

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#6

bis(2-Chloroethyl)ether

Concen: 0.376 ng

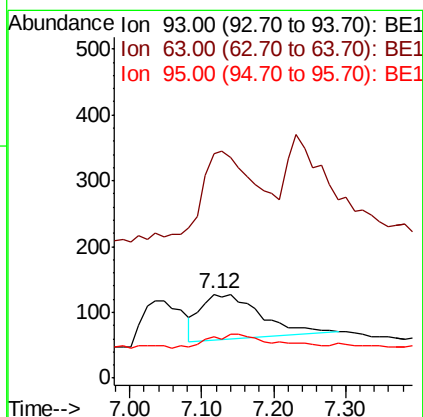
RT: 7.12 min Scan# 369

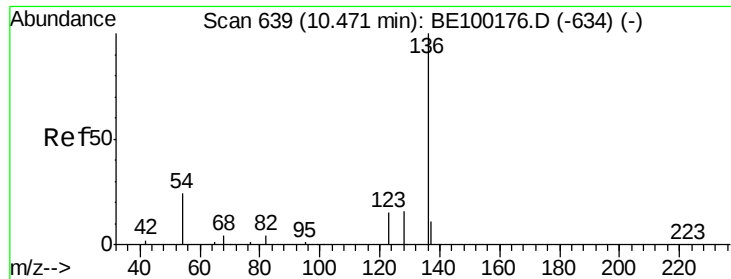
Delta R.T. -0.02 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Tgt Ion:	93	Resp:	400
Ion	Ratio	Lower	Upper
93	100		
63	187.0	0.0	0.0#
95	0.0	21.0	31.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 639

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

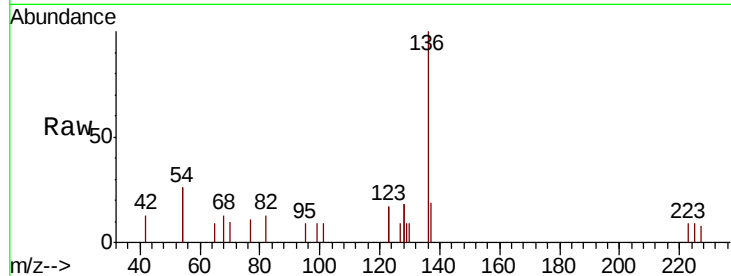
ClientSampleId :

PB120573BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	18.9	13.8	20.8
54	51.6	35.4	53.2
68	12.7	8.8	13.2

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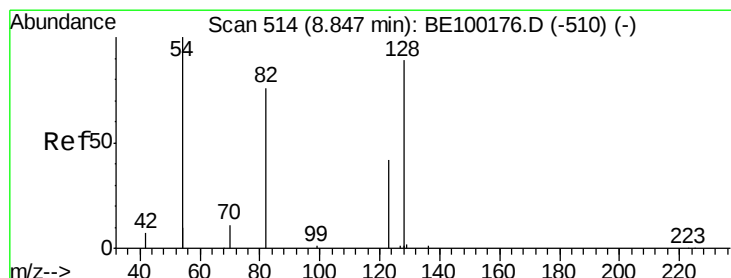
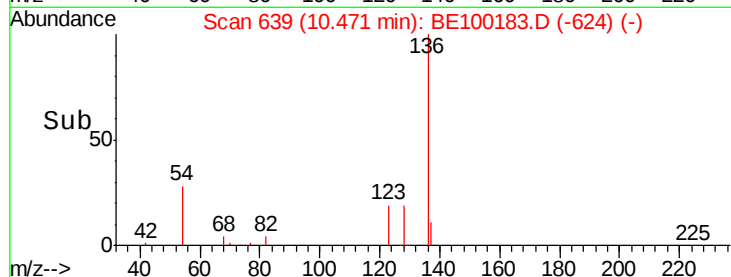
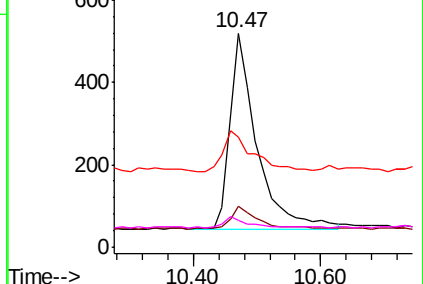


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.329 ng

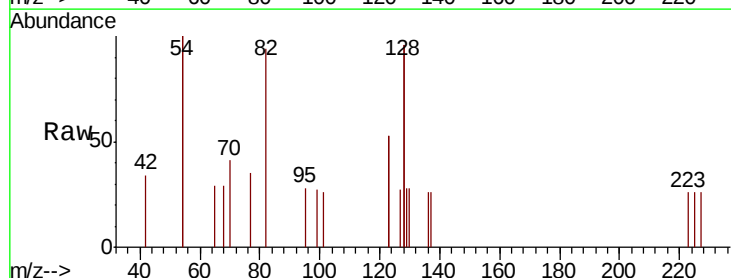
RT: 8.86 min Scan# 515

Delta R.T. 0.01 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

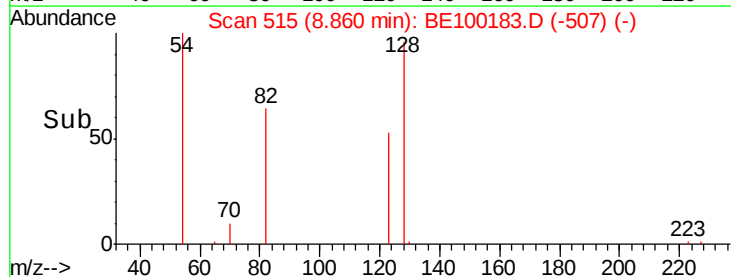
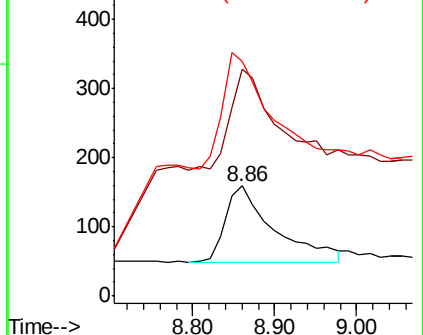
Tgt Ion	Ratio	Lower	Upper
82	100		
128	206.3	144.6	217.0
54	213.8	163.0	244.6

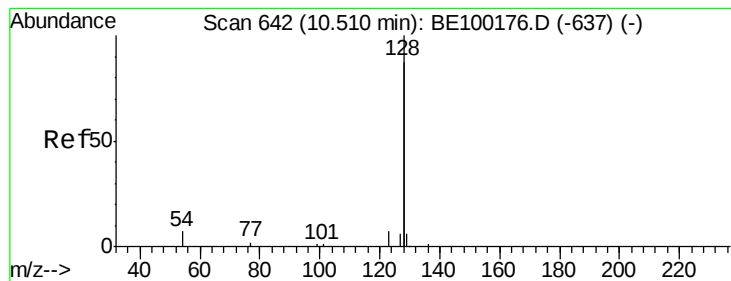


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.423 ng

RT: 10.52 min Scan# 643

Delta R.T. 0.01 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

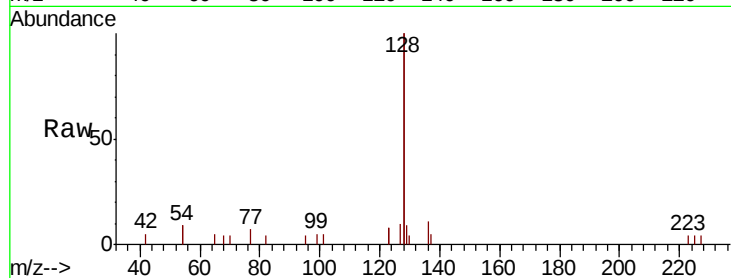
ClientSampleId :

PB120573BS

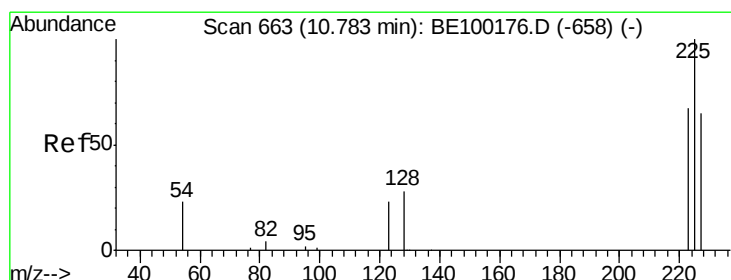
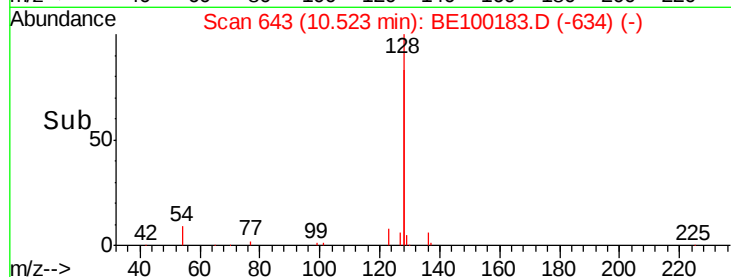
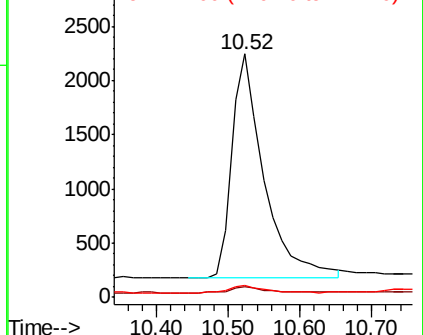
Tgt Ion:	128	Resp:	6409
Ion Ratio	Lower	Upper	
128	100		
129	4.5	3.6	5.4
127	5.1	3.8	5.8

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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: 0.416 ng

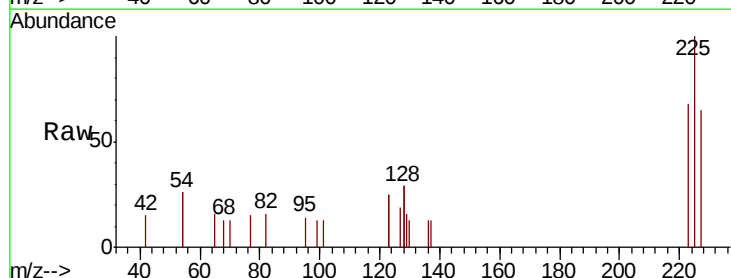
RT: 10.78 min Scan# 663

Delta R.T. -0.00 min

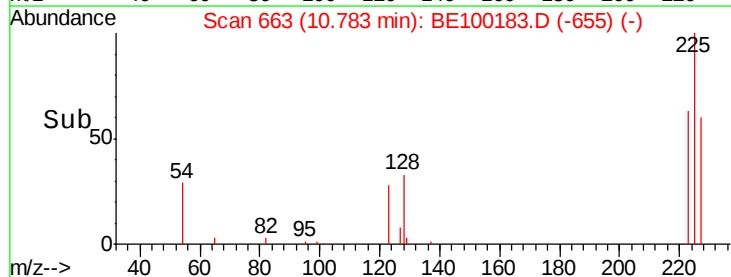
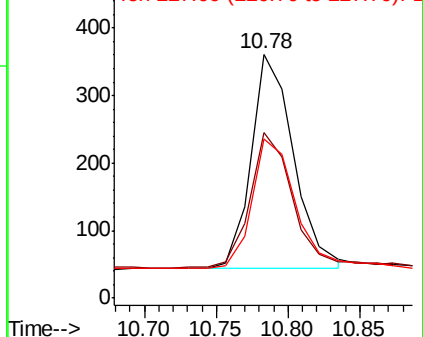
Lab File: BE100183.D

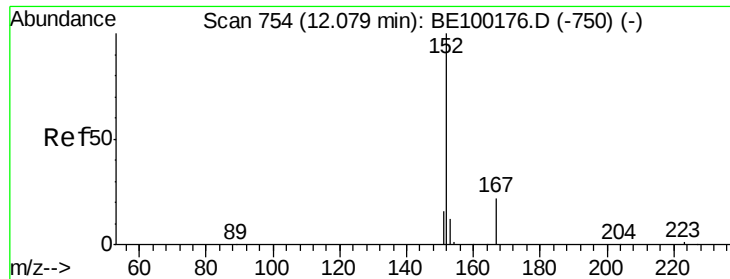
Acq: 25 Jun 2019 17:00

Tgt Ion:	225	Resp:	650
Ion Ratio	Lower	Upper	
225	100		
223	64.0	50.1	75.1
227	61.4	50.9	76.3



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





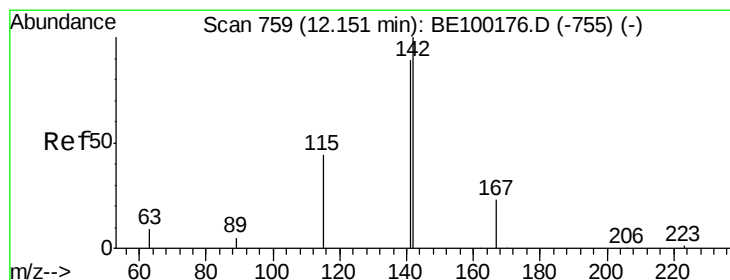
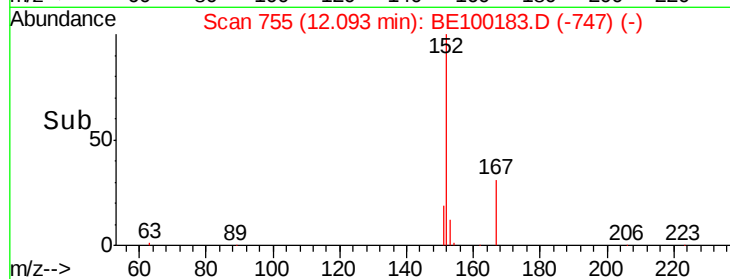
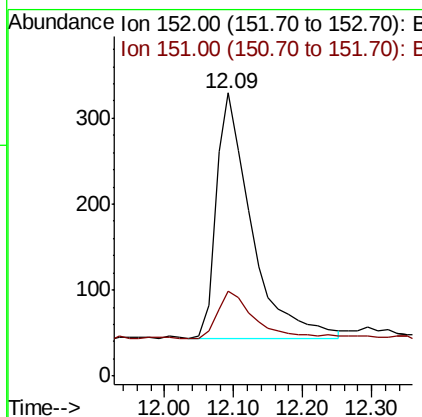
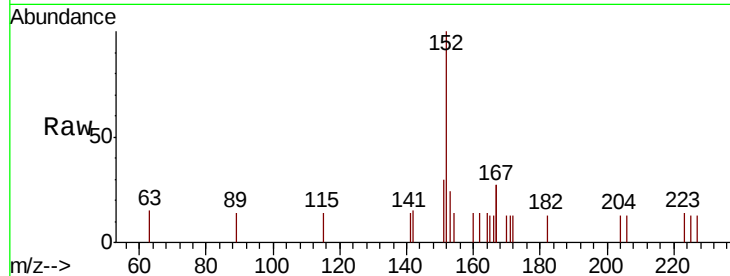
#11
 2-Methylnaphthalene-d10
 Concen: 0.390 ng
 RT: 12.09 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: BE100183.D
 Acq: 25 Jun 2019 17:00

Instrument :
 BNA_E
 ClientSampleId :
 PB120573BS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5

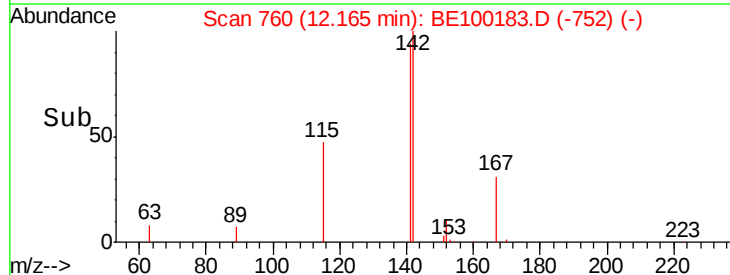
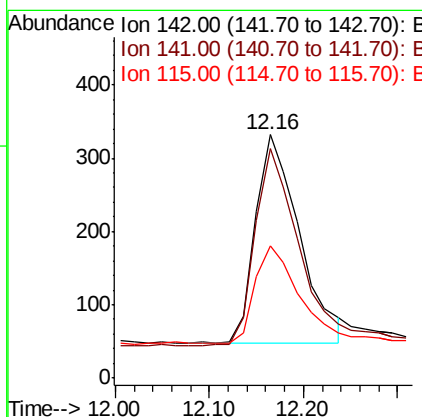
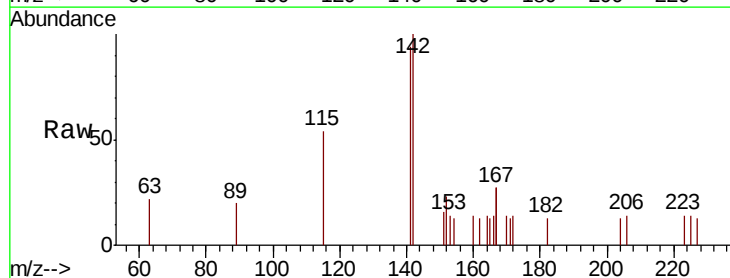
Manual Integrations
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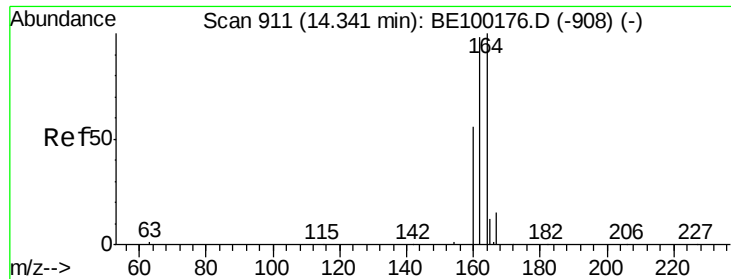
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#12
 2-Methylnaphthalene
 Concen: 0.376 ng
 RT: 12.16 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: BE100183.D
 Acq: 25 Jun 2019 17:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	71.8	107.8
115	54.2	40.4	60.6





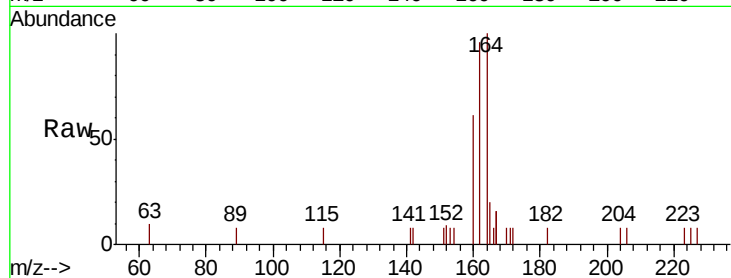
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.35 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BE100183.D
 Acq: 25 Jun 2019 17:00

Instrument :
 BNA_E
 ClientSampleId :
 PB120573BS

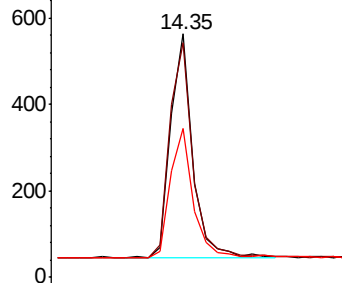
Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.1	78.6	118.0
160	61.1	46.9	70.3

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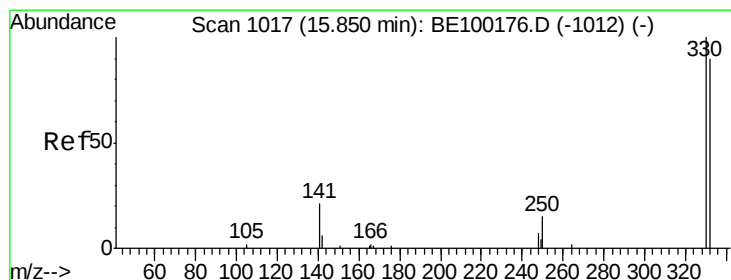
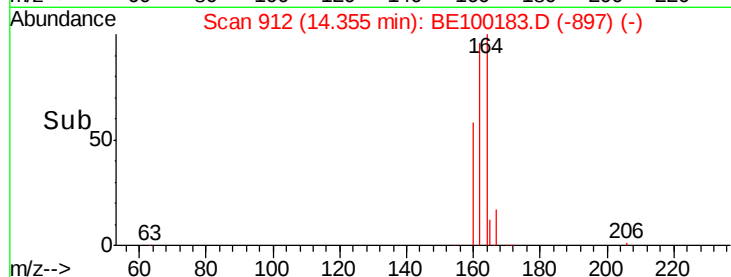
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Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

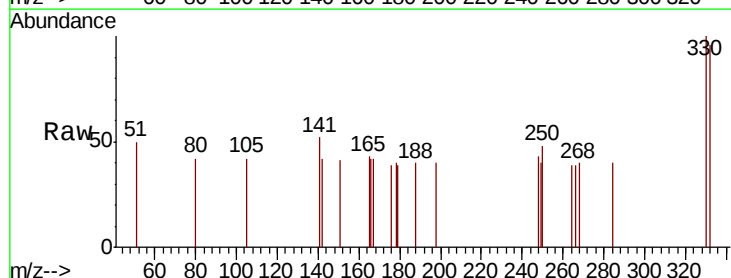


Time--> 14.20 14.30 14.40 14.50

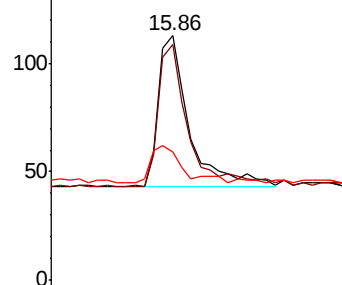


#14
 2,4,6-Tribromophenol
 Concen: 0.374 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BE100183.D
 Acq: 25 Jun 2019 17:00

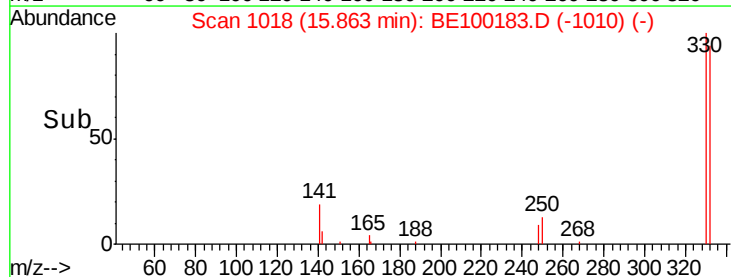
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.7	116.5
141	24.4	18.9	28.3

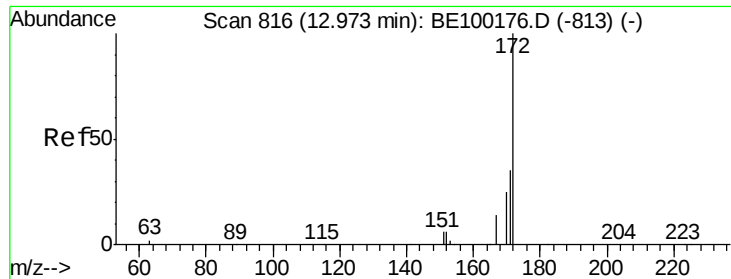


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



Time--> 15.70 15.80 15.90 16.00





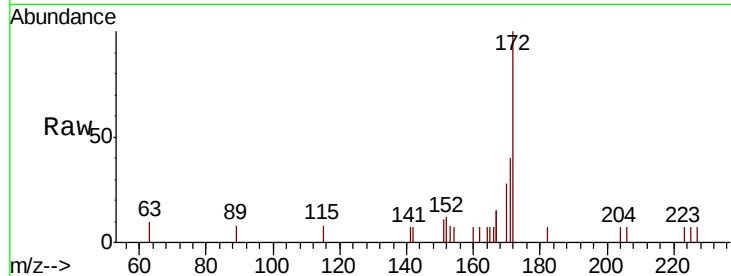
#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.01 min
Lab File: BE100183.D
Acq: 25 Jun 2019 17:00

Instrument :
BNA_E
ClientSampleId :
PB120573BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.0	46.4
170	28.5	23.9	35.9

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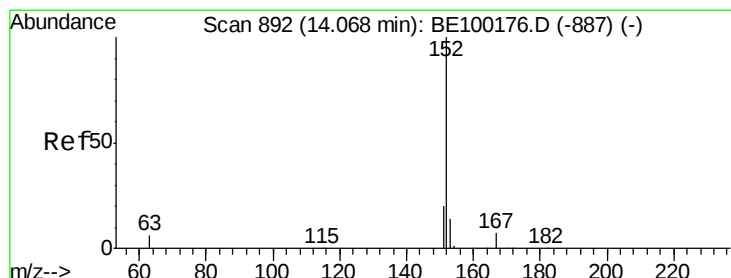
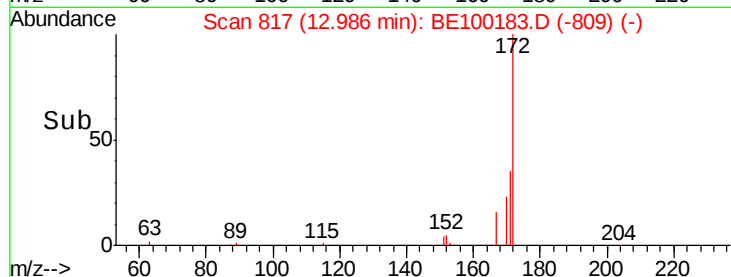
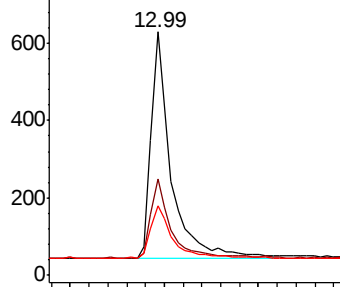


Abundance

Ion 172.00 (171.70 to 172.70): E

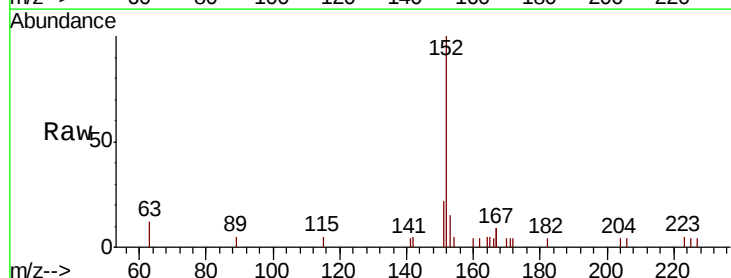
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.440 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.00 min
Lab File: BE100183.D
Acq: 25 Jun 2019 17:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0
153	12.6	10.8	16.2

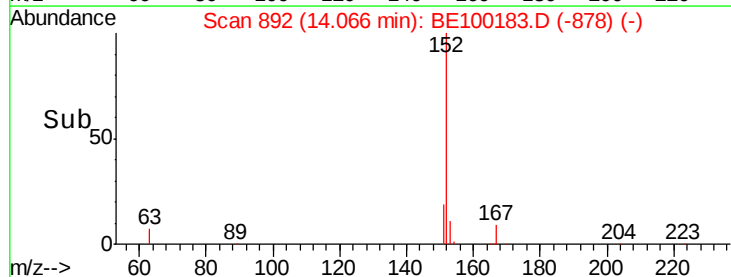
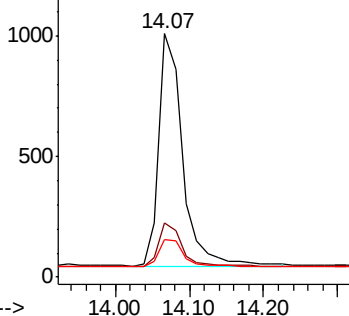


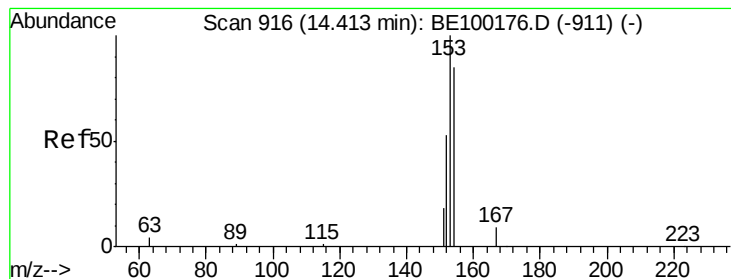
Abundance

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: 0.416 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

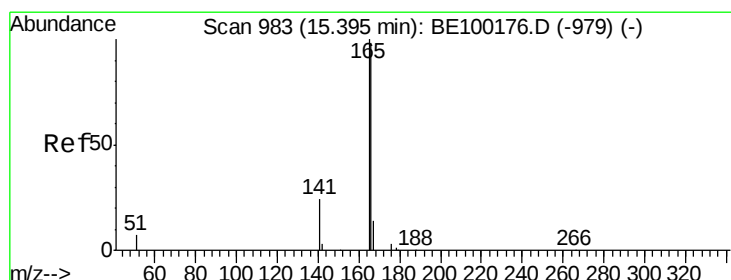
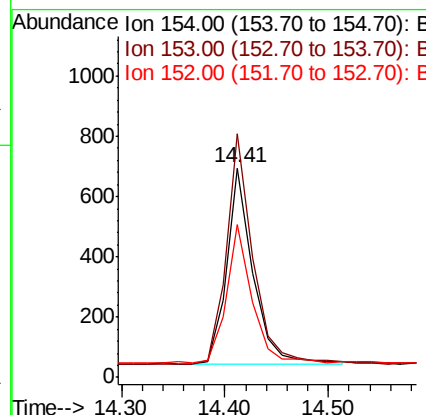
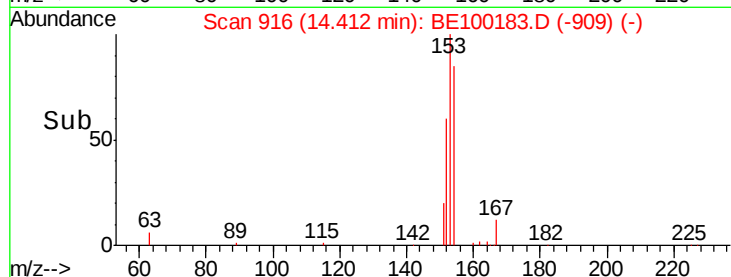
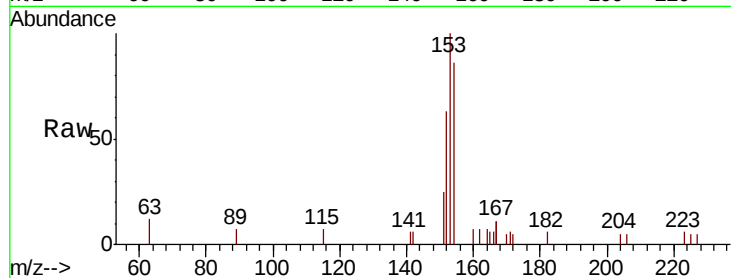
ClientSampled :

PB120573BS

Tgt	Ion	154	Resp:	1140
Ion	Ratio	Lower	Upper	
154	100			
153	117.8	95.3	142.9	
152	68.4	52.9	79.3	

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#18

Fluorene

Concen: 0.425 ng

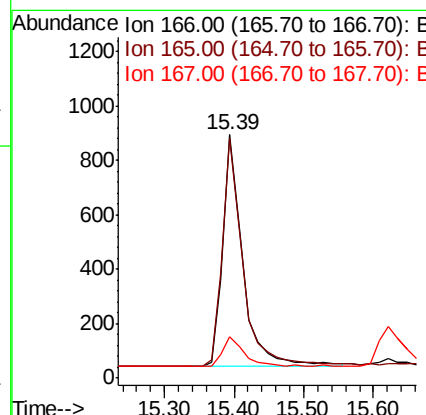
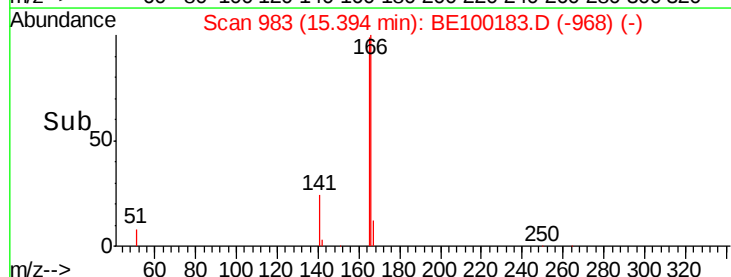
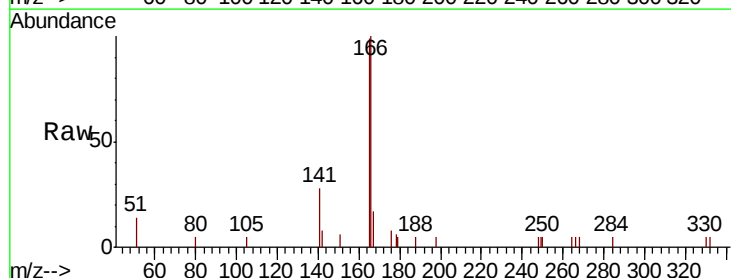
RT: 15.39 min Scan# 983

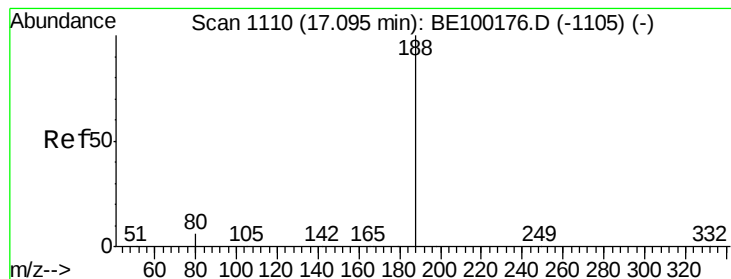
Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Tgt	Ion	166	Resp:	1683
Ion	Ratio	Lower	Upper	
166	100			
165	101.7	81.0	121.4	
167	13.0	11.4	17.0	





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

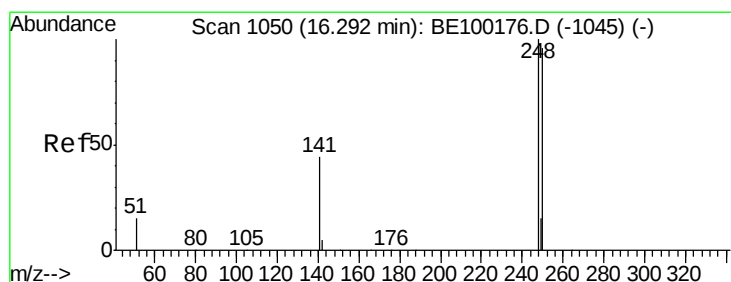
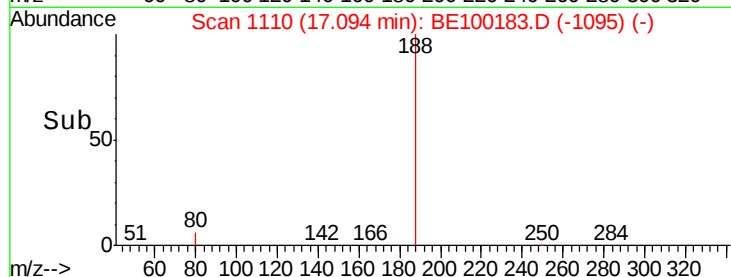
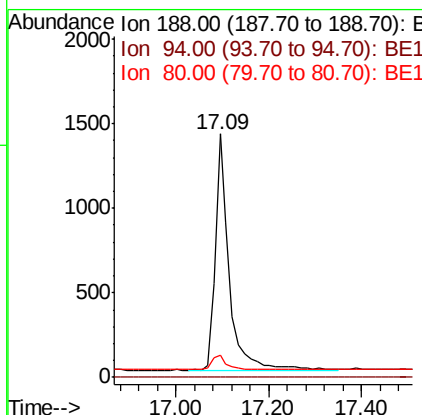
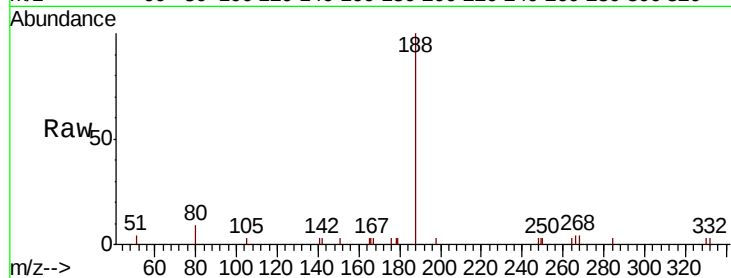
ClientSampleId :

PB120573BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		2943
94	0.0	0.0	0.0
80	9.3	6.4	9.6

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#20

4-Bromophenyl-phenylether

Concen: 0.404 ng

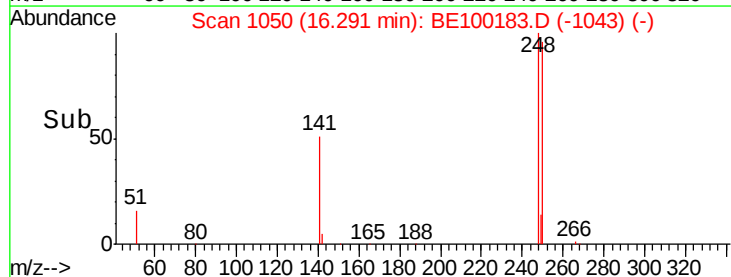
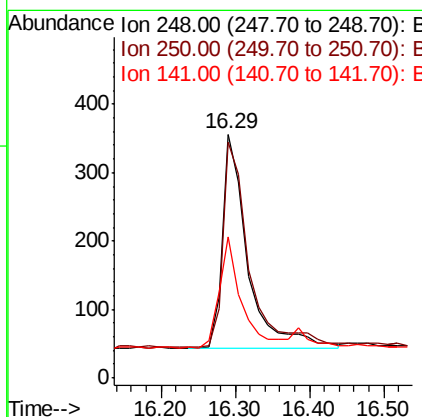
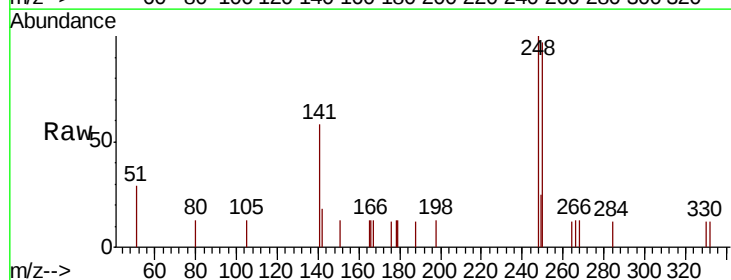
RT: 16.29 min Scan# 1050

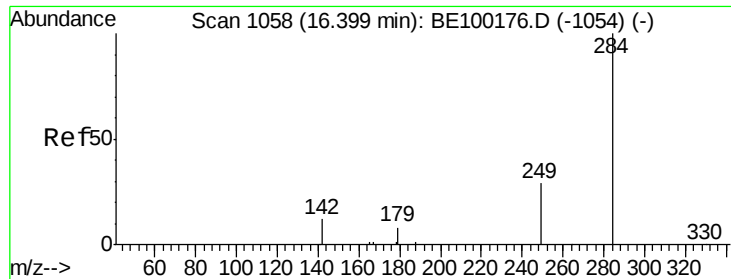
Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		737
250	96.6	77.1	115.7
141	57.9	39.5	59.3





#21

Hexachlorobenzene

Concen: 0.423 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

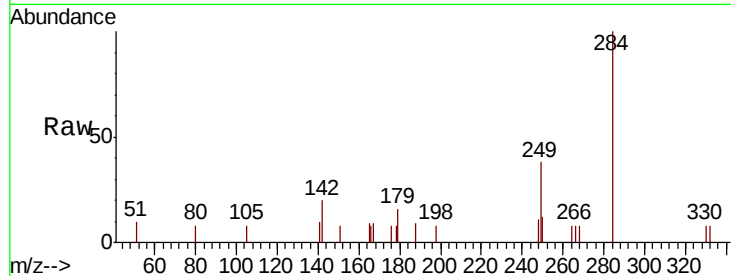
ClientSampleId :

PB120573BS

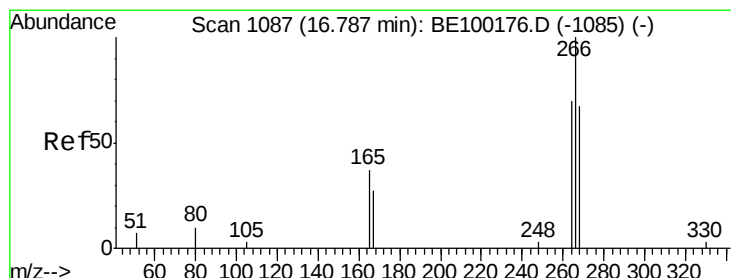
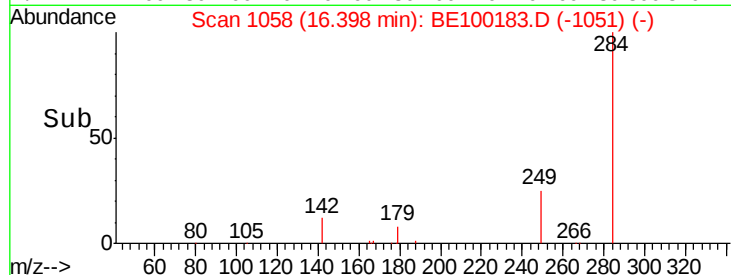
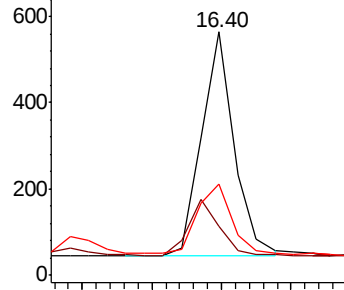
Tgt Ion:	284	Resp:	848
Ion Ratio	Lower	Upper	
284	100		
142	23.6	20.1	30.1
249	32.5	26.2	39.4

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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: 2.312 ng

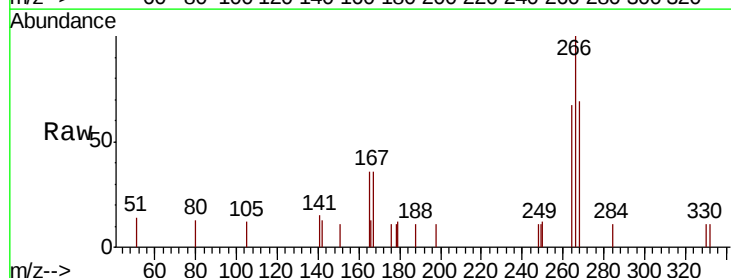
RT: 16.76 min Scan# 1085

Delta R.T. -0.03 min

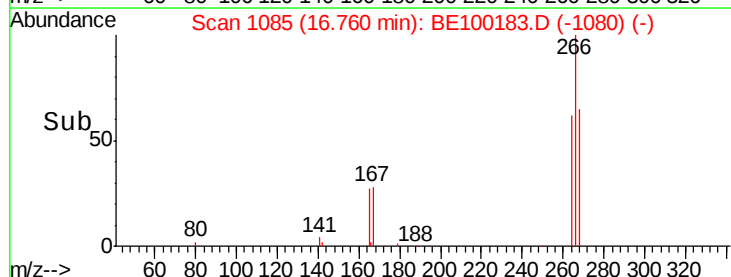
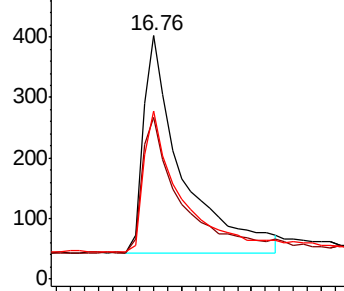
Lab File: BE100183.D

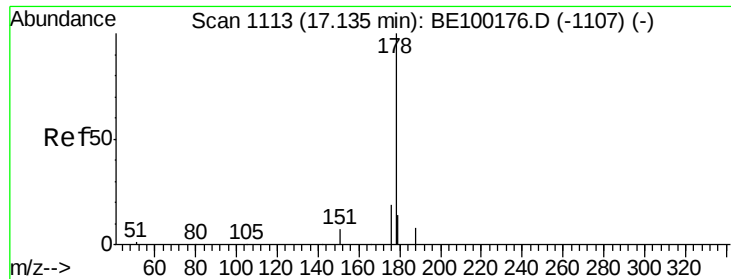
Acq: 25 Jun 2019 17:00

Tgt Ion:	266	Resp:	1377
Ion Ratio	Lower	Upper	
266	100		
264	66.7	67.7	101.5#
268	68.9	69.8	104.6#



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: 0.430 ng

RT: 17.13 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

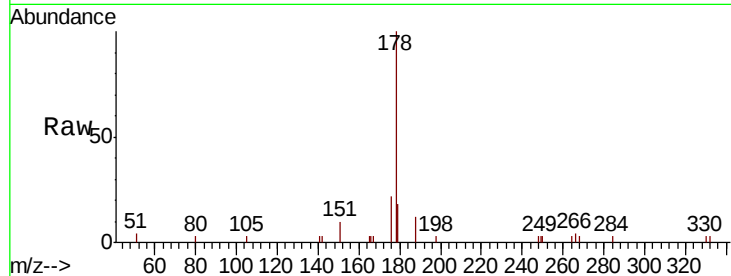
ClientSampleId :

PB120573BS

Tgt Ion:	178	Resp:	3000
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.5	23.3
179	16.0	12.2	18.2

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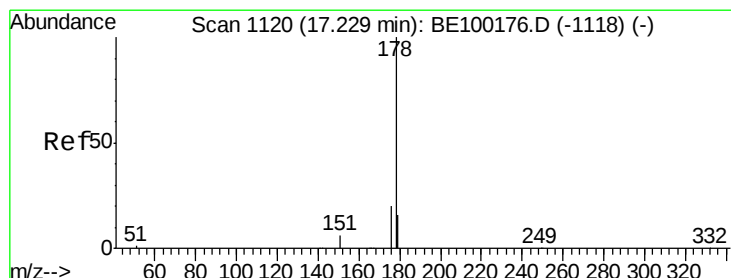
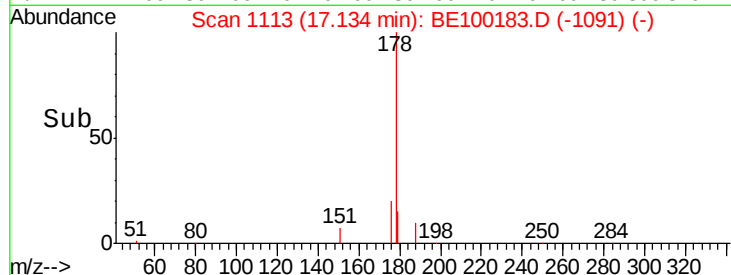
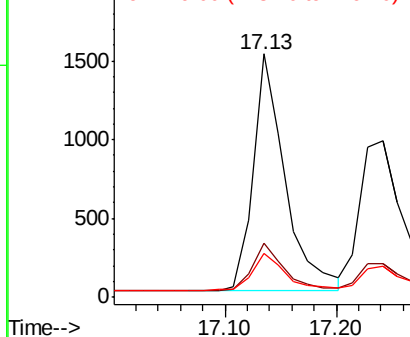


Abundance

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: 0.389 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

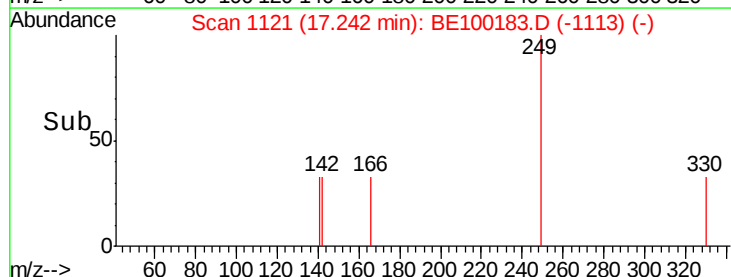
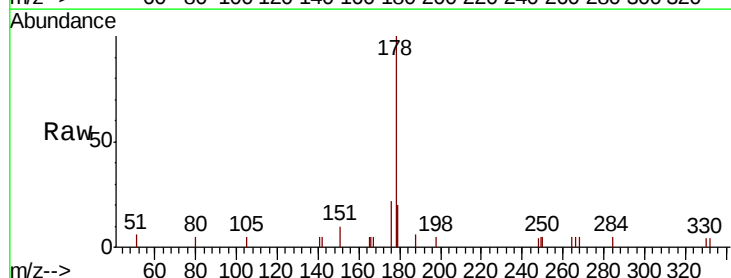
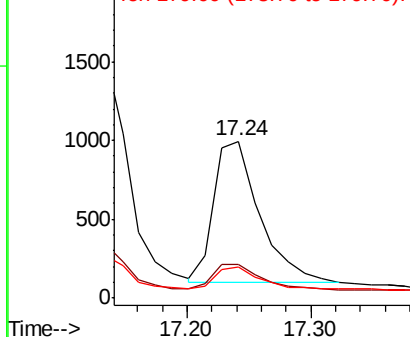
Tgt Ion:	178	Resp:	2292
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.7	23.5
179	15.0	12.9	19.3

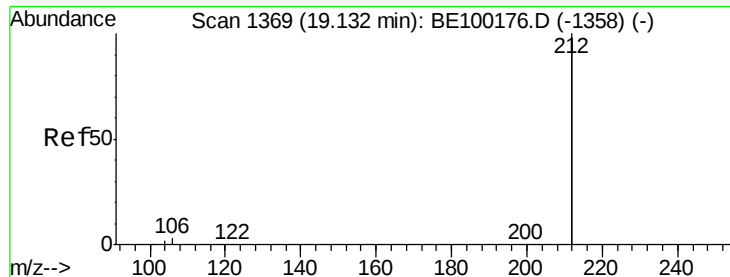
Abundance

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: 0.389 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

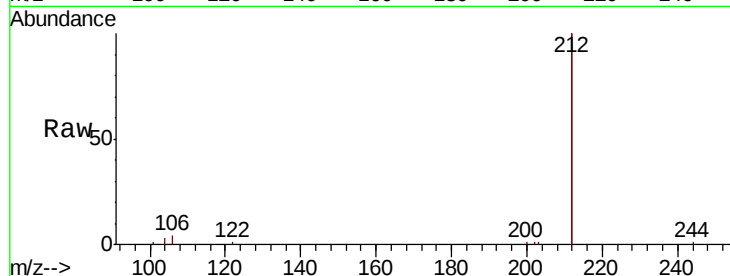
ClientSampleId :

PB120573BS

Tgt Ion:	212	Resp:	16486
Ion Ratio	Lower	Upper	
212	100		
106	1.5	1.3	1.9
104	1.0	0.7	1.1

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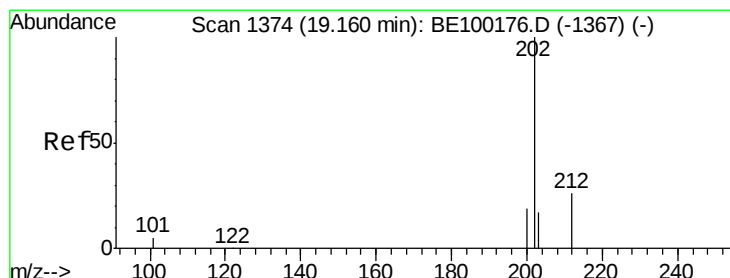
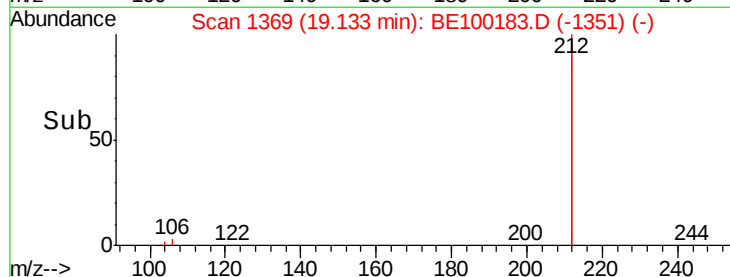
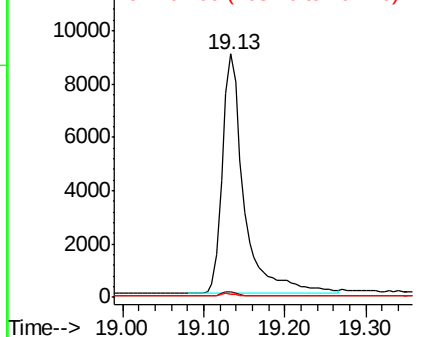


Abundance

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: 0.422 ng

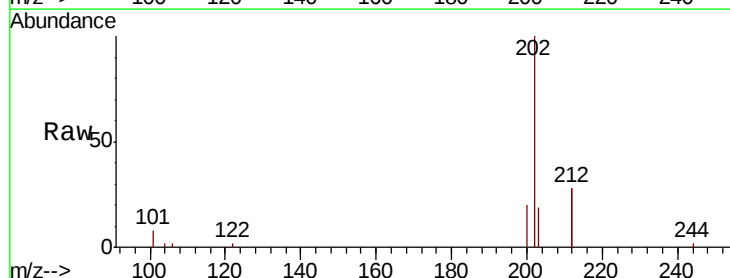
RT: 19.16 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Tgt Ion:	202	Resp:	4782
Ion Ratio	Lower	Upper	
202	100		
101	5.8	4.5	6.7
203	16.6	13.7	20.5

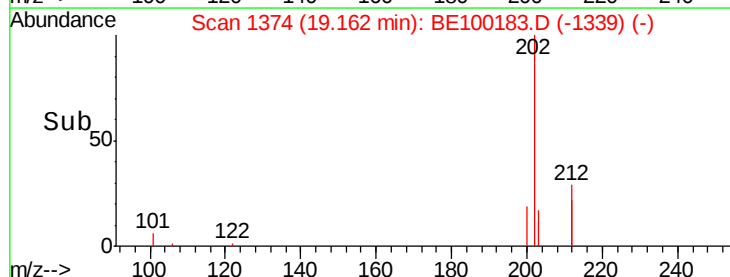
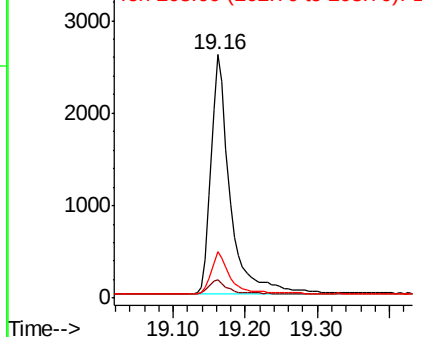


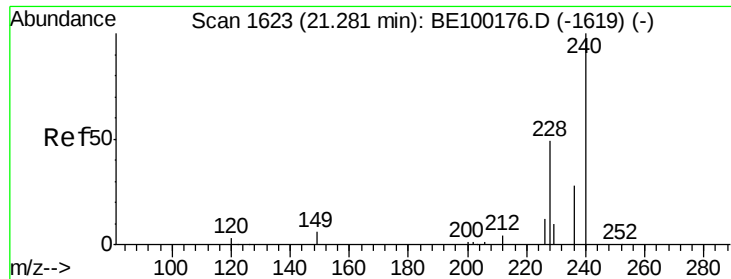
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

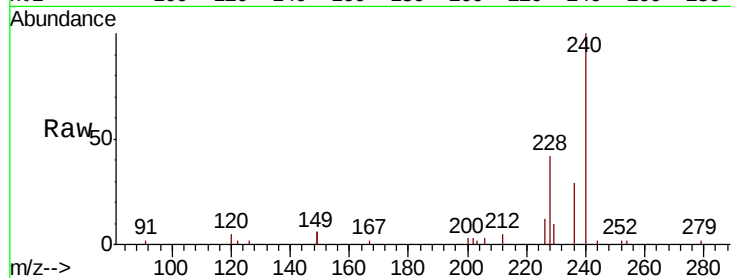
Ion 203.00 (202.70 to 203.70): E





#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100183.D
Acq: 25 Jun 2019 17:00

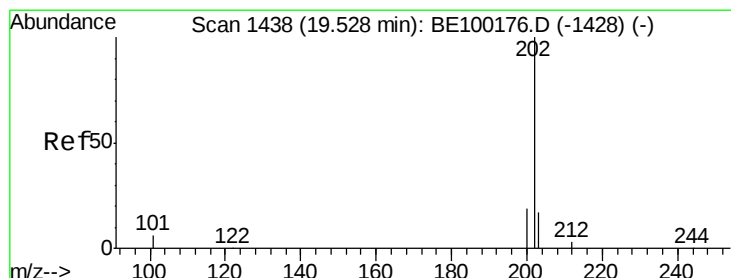
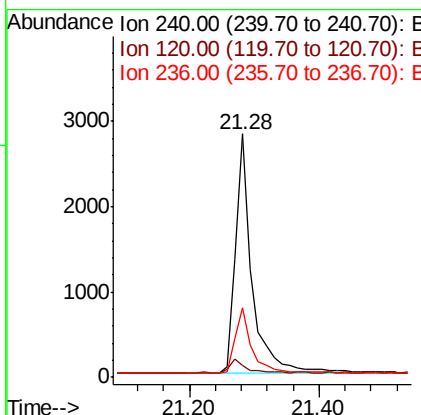
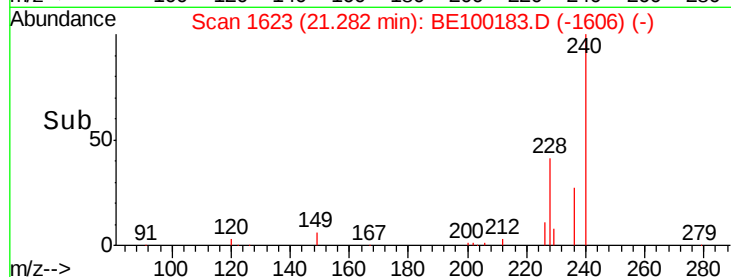
Instrument :
BNA_E
ClientSampleId :
PB120573BS



Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.1	6.1
236	28.5	23.0	34.6

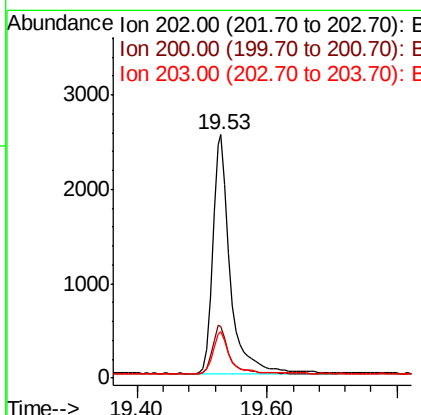
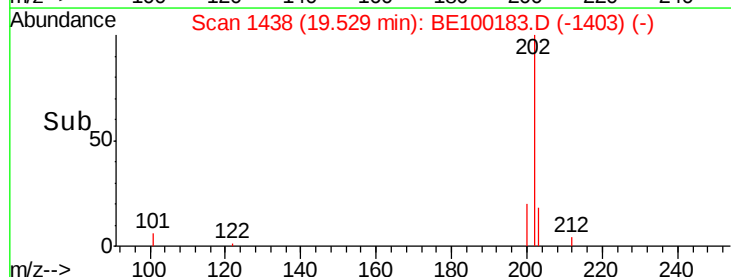
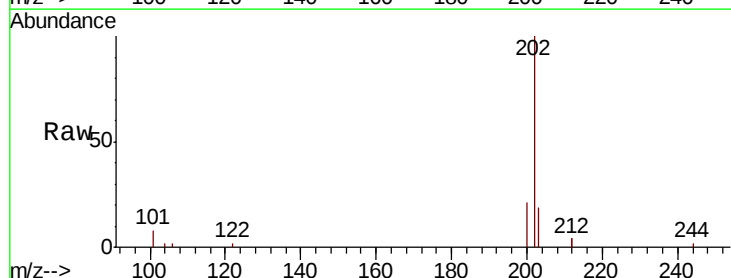
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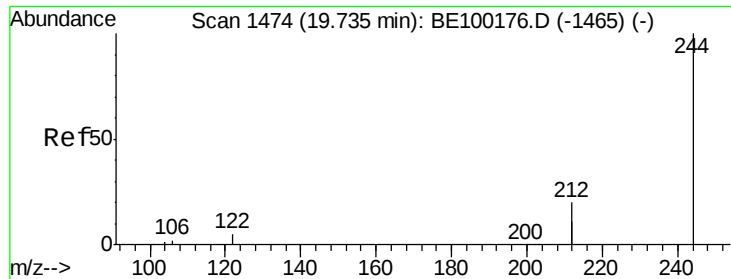
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#28
Pyrene
Concen: 0.374 ng
RT: 19.53 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE100183.D
Acq: 25 Jun 2019 17:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.5	23.3
203	17.1	13.9	20.9





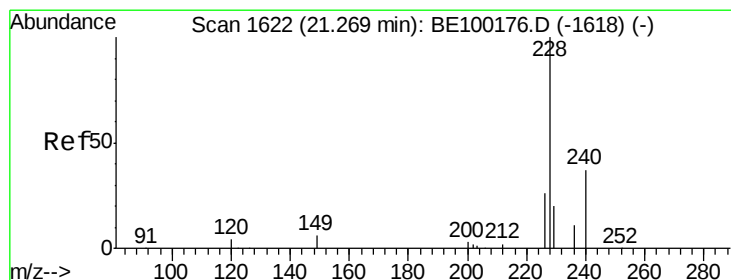
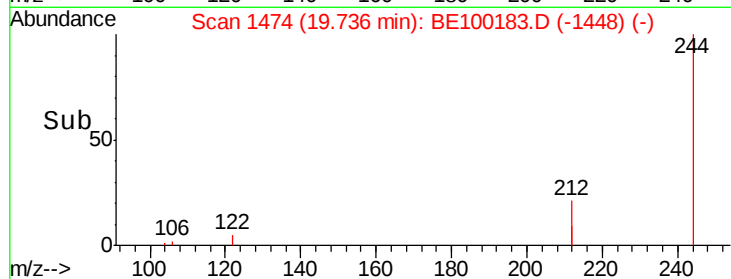
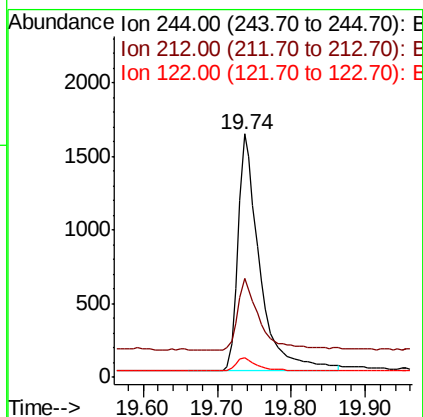
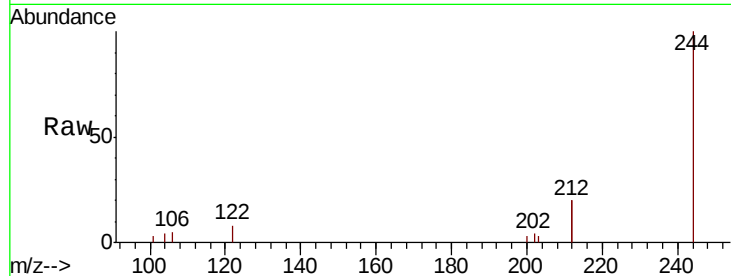
#29
 Terphenyl-d14
 Concen: 0.333 ng
 RT: 19.74 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BE100183.D
 Acq: 25 Jun 2019 17:00

Instrument :
 BNA_E
 ClientSampleId :
 PB120573BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	40.6	30.7	46.1
122	7.8	5.8	8.6

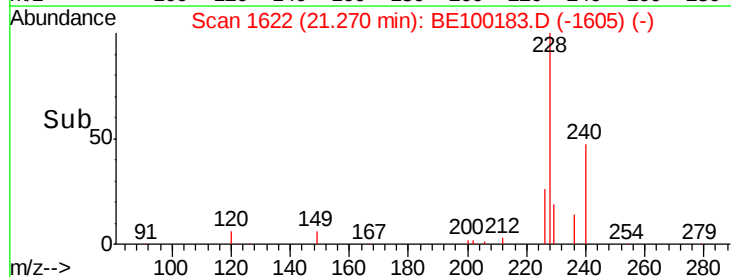
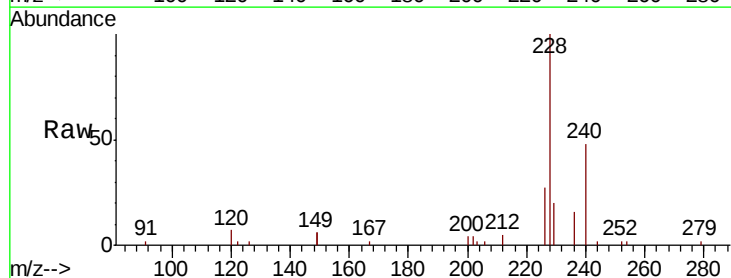
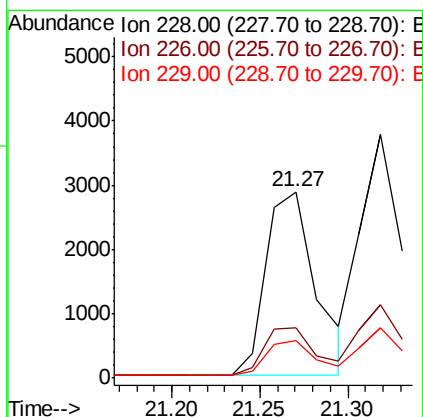
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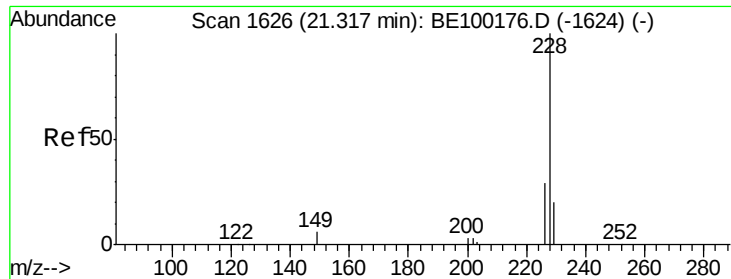
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#30
 Benzo(a)anthracene
 Concen: 0.380 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BE100183.D
 Acq: 25 Jun 2019 17:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.5	32.3
229	20.4	17.2	25.8





#31

Chrysene

Concen: 0.382 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

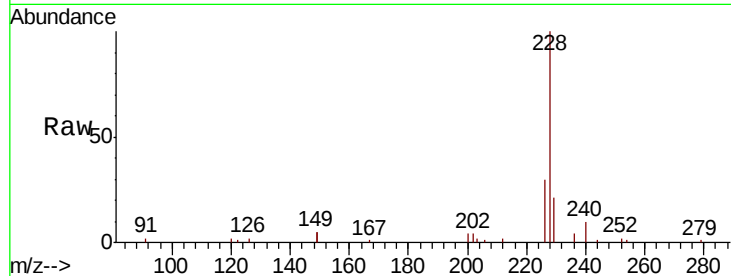
ClientSampleId :

PB120573BS

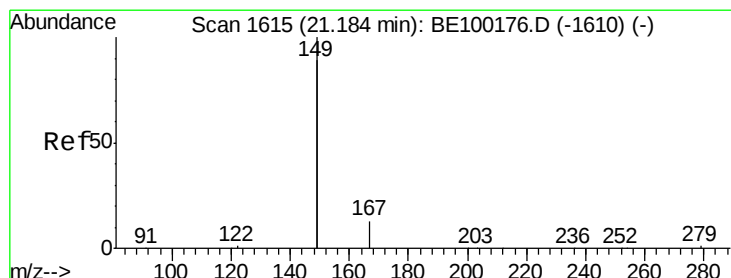
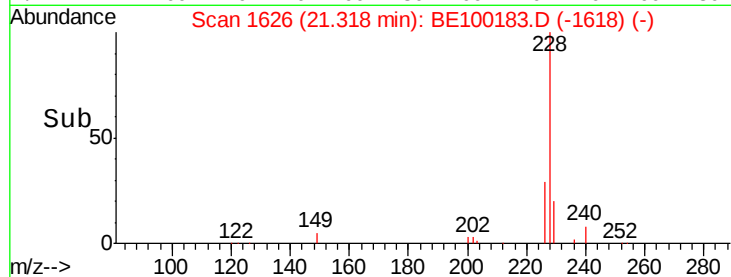
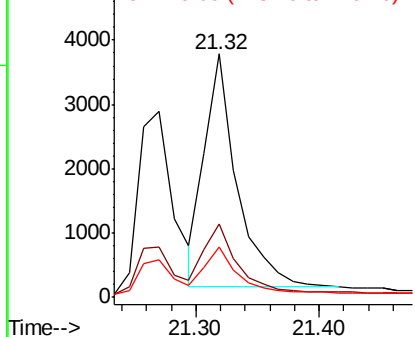
Tgt Ion:	228	Resp:	6619
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.7	35.5
229	20.5	16.5	24.7

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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: 0.325 ng

RT: 21.19 min Scan# 1615

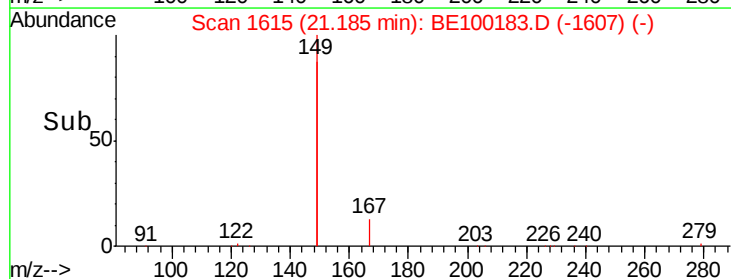
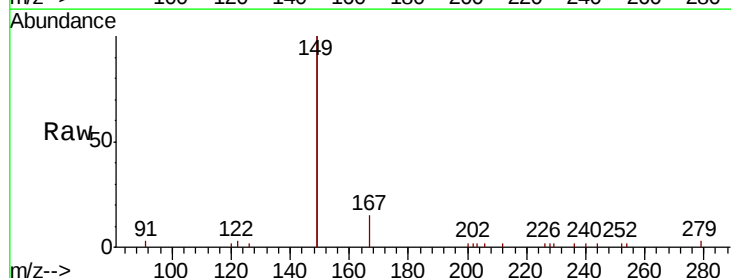
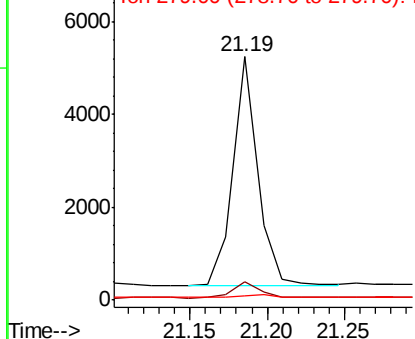
Delta R.T. 0.00 min

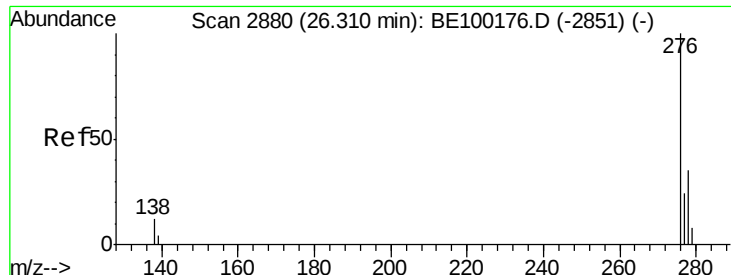
Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Tgt Ion:	149	Resp:	5515
Ion Ratio	Lower	Upper	
149	100		
167	7.3	5.9	8.9
279	1.4	1.0	1.6

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: 0.443 ng

RT: 26.31 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

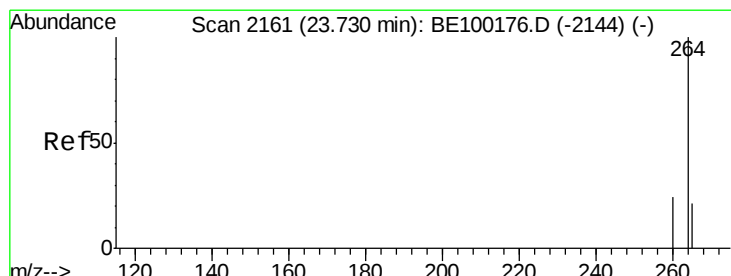
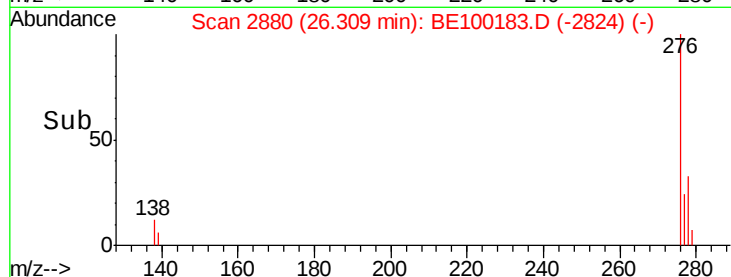
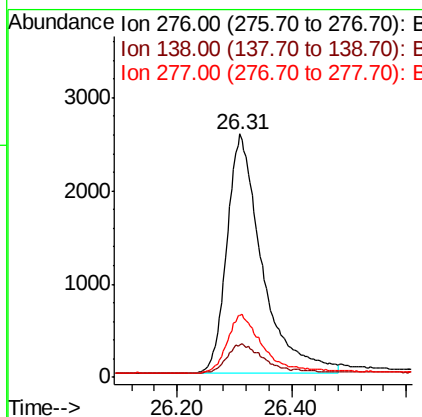
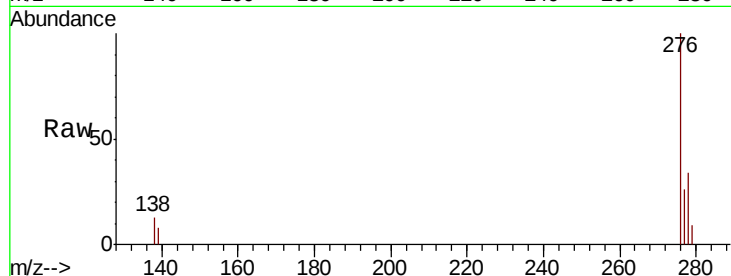
ClientSampleId :

PB120573BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.7	3.7	5.5#
277	25.0	18.7	28.1

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#34

Perylene-d12

Concen: 0.400 ng

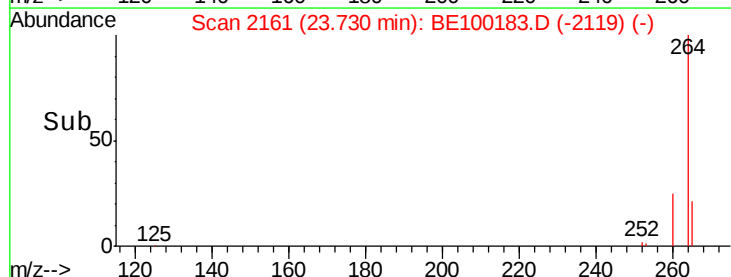
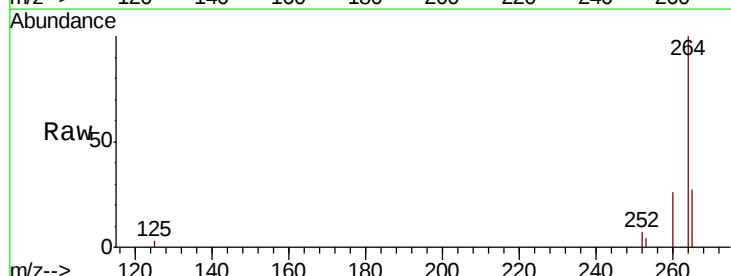
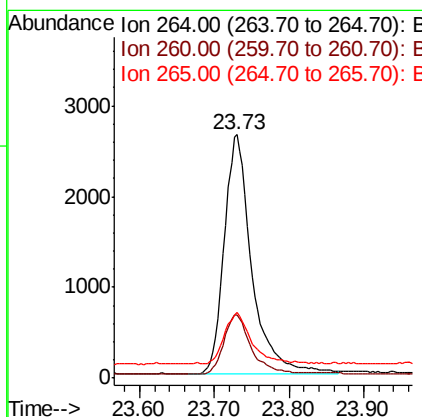
RT: 23.73 min Scan# 2161

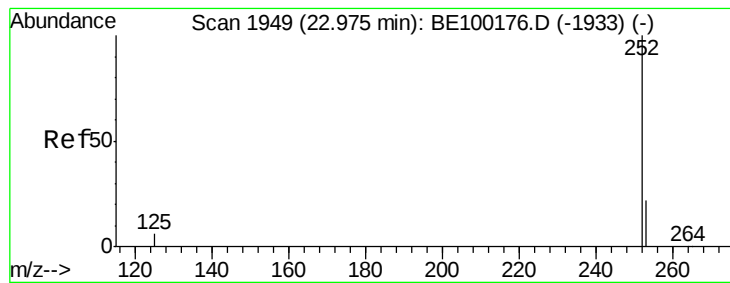
Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.4	30.6
265	27.1	22.5	33.7





#35

Benzo(b)fluoranthene

Concen: 0.419 ng m

RT: 22.97 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

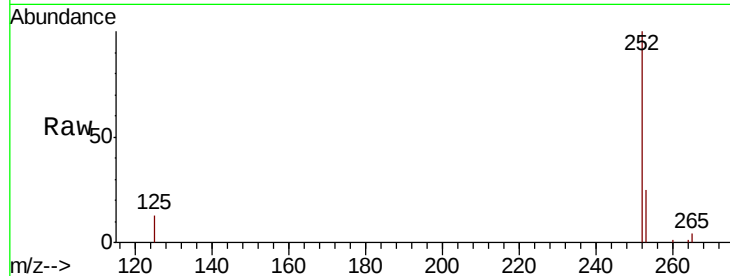
ClientSampled :

PB120573BS

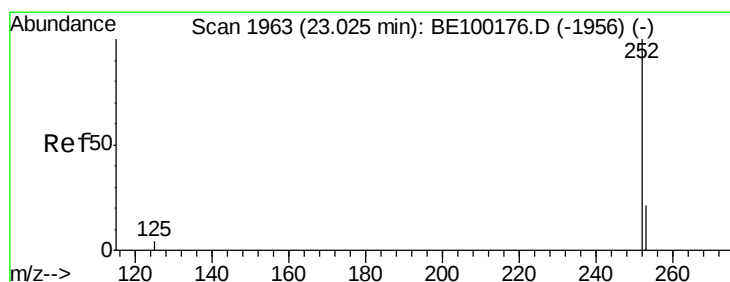
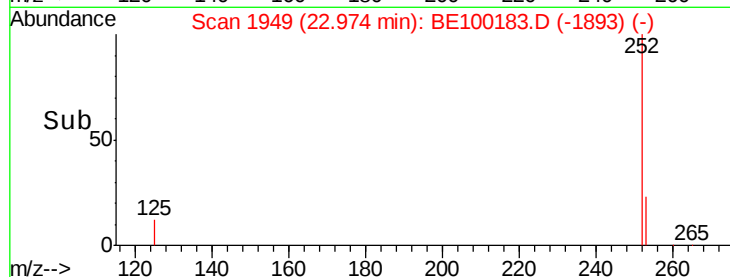
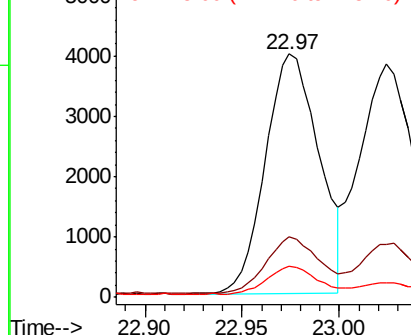
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.0	28.4
125	12.8	6.3	9.5

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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: 0.404 ng

RT: 23.02 min Scan# 1963

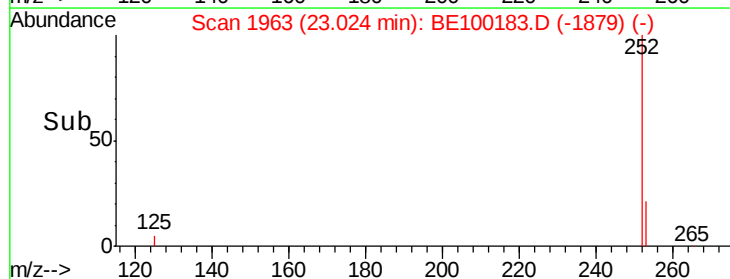
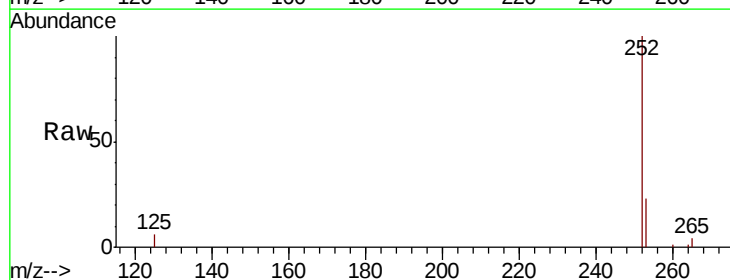
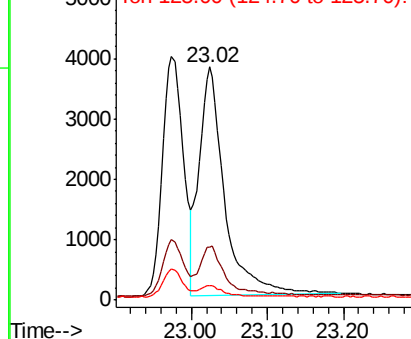
Delta R.T. -0.00 min

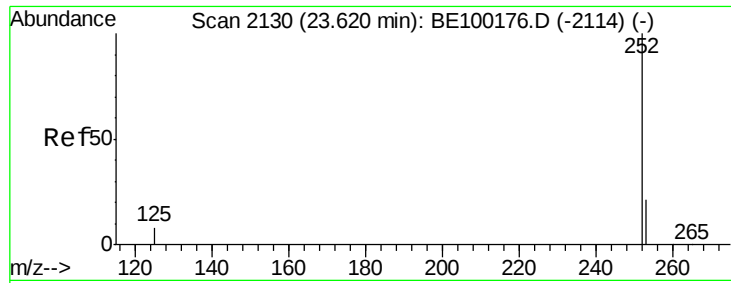
Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	6.5	5.0	7.4

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





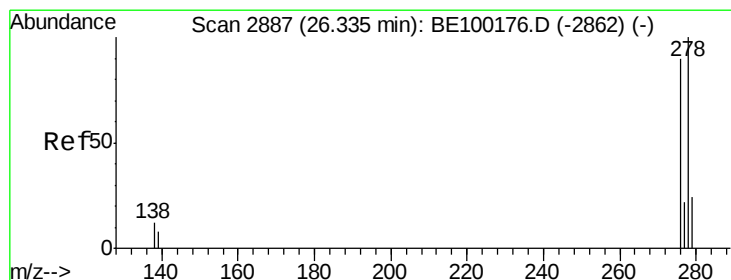
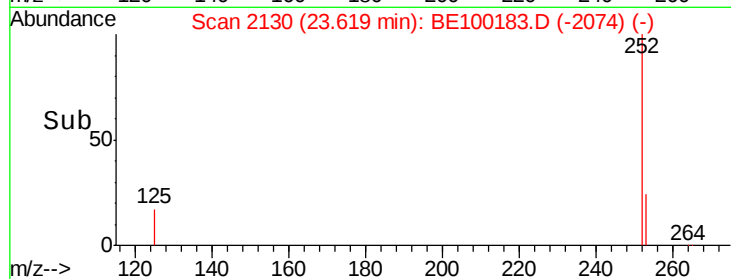
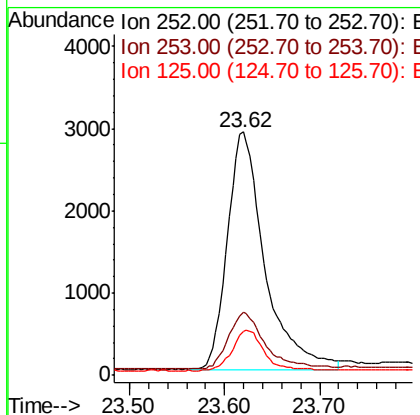
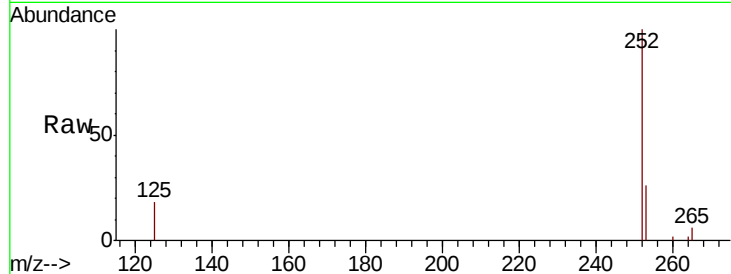
#37
Benzo(a)pyrene
Concen: 0.417 ng
RT: 23.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE100183.D
Acq: 25 Jun 2019 17:00

Instrument :
BNA_E
ClientSampleId :
PB120573BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.2	28.8
125	18.2	8.2	12.2

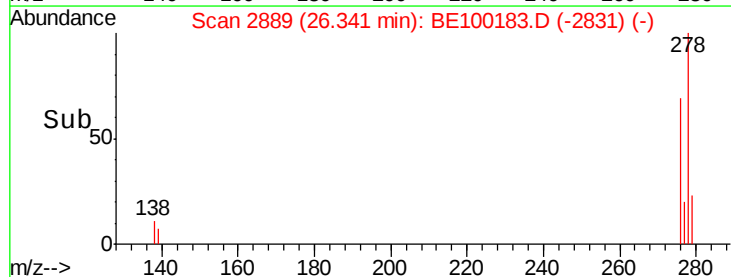
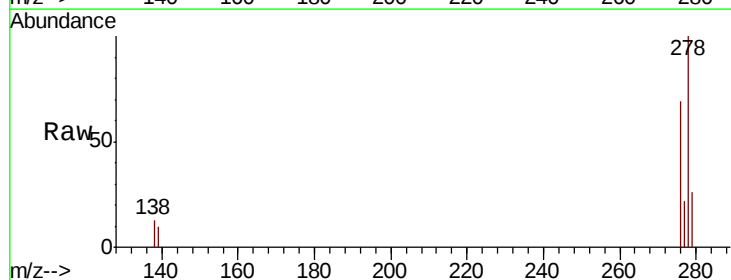
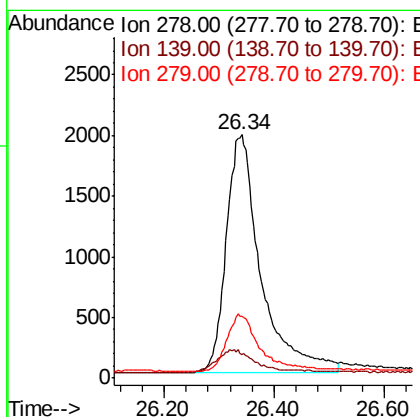
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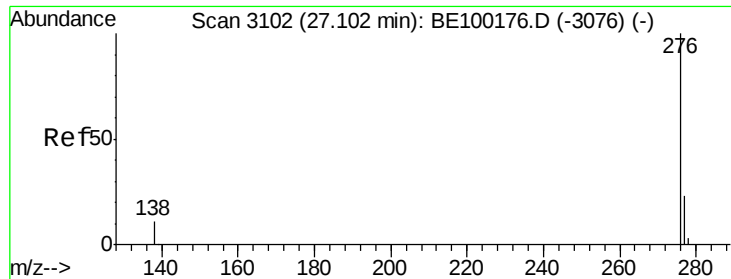
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#38
Dibenzo(a,h)anthracene
Concen: 0.425 ng
RT: 26.34 min Scan# 2889
Delta R.T. 0.01 min
Lab File: BE100183.D
Acq: 25 Jun 2019 17:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.6	9.0	13.4
279	25.5	21.1	31.7





#39

Benzo(g,h,i)perylene

Concen: 0.423 ng

RT: 27.10 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BE100183.D

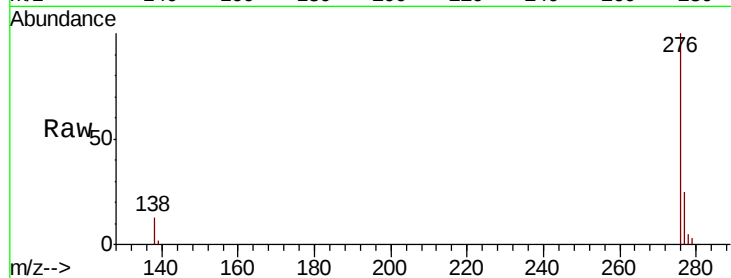
Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS



Tgt Ion: 276 Resp: 8921

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.6

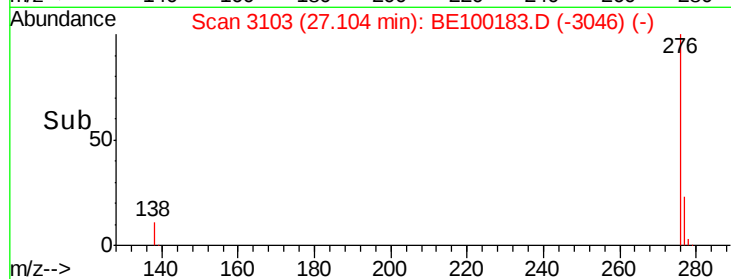
138 12.8 10.2 15.4

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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

