

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
 Data File : BE099756.D
 Acq On : 28 May 2019 14:39
 Operator : JU/SJ
 Sample : PB120100BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120100BS

Manual Integrations
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Quant Time: May 28 15:19:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1324	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	4393	0.40	ng	0.01
13) Acenaphthene-d10	14.48	164	2885	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	8483	0.40	ng	0.00
27) Chrysene-d12	21.42	240	14705	0.40	ng	0.00
34) Perylene-d12	23.95	264	16813	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1316	0.39	ng	0.00
5) Phenol-d6	6.98	99	1676	0.38	ng	0.00
8) Nitrobenzene-d5	8.98	82	1388	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2554m	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	644	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	4201	0.38	ng	0.01
25) Fluoranthene-d10	19.27	212	45239	0.39	ng	0.00
29) Terphenyl-d14	19.86	244	10132	0.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	617	0.315	ng	# 77
3) n-Nitrosodimethylamine	3.61	42	415	0.383	ng	# 80
6) bis(2-Chloroethyl)ether	7.24	93	1297	0.329	ng	95
9) Naphthalene	10.67	128	17391	0.370	ng	99
10) Hexachlorobutadiene	10.95	225	1316	0.380	ng	96
12) 2-Methylnaphthalene	12.29	142	2823	0.369	ng	97
16) Acenaphthylene	14.21	152	4960	0.369	ng	99
17) Acenaphthene	14.56	154	2757	0.365	ng	97
18) Fluorene	15.53	166	3981	0.358	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	1713	0.350	ng	# 97
21) Hexachlorobenzene	16.53	284	1833	0.366	ng	99
22) Pentachlorophenol	16.91	266	1139	0.875	ng	93
23) Phenanthrene	17.27	178	7550	0.364	ng	99
24) Anthracene	17.36	178	6505	0.346	ng	97
26) Fluoranthene	19.29	202	12577	0.384	ng	100
28) Pyrene	19.66	202	13114	0.355	ng	99
30) Benzo(a)anthracene	21.40	228	17672	0.423	ng	98
31) Chrysene	21.45	228	18046	0.404	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	17958	0.373	ng	99
33) Indeno(1,2,3-cd)pyrene	26.65	276	21286	0.395	ng	# 95
35) Benzo(b)fluoranthene	23.17	252	17626	0.383	ng	98
36) Benzo(k)fluoranthene	23.22	252	19302	0.402	ng	98
37) Benzo(a)pyrene	23.84	252	17863	0.403	ng	100
38) Dibenzo(a,h)anthracene	26.68	278	17186	0.369	ng	99
39) Benzo(g,h,i)perylene	27.47	276	18741	0.399	ng	99

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

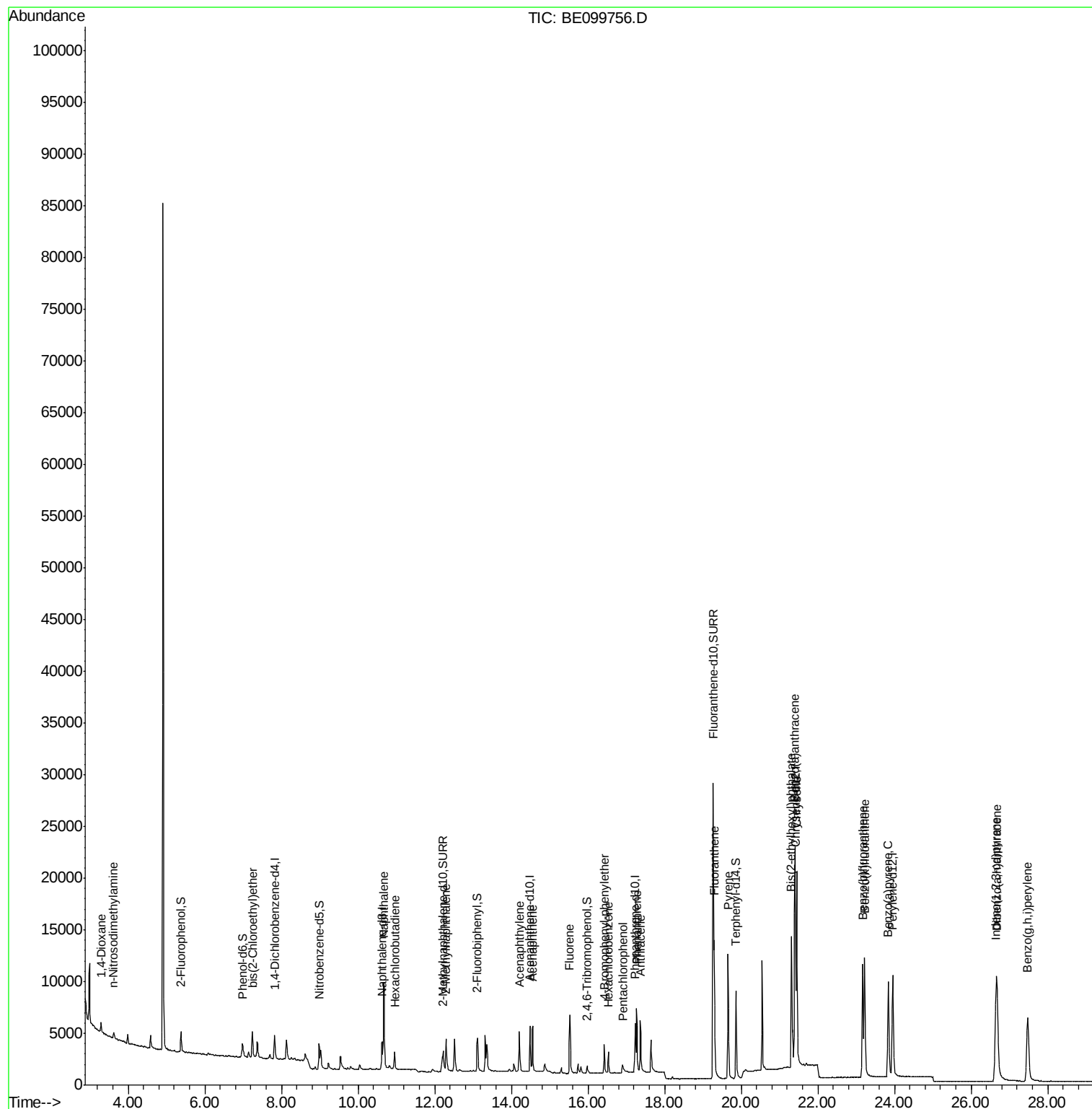
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
Data File : BE099756.D
Acq On : 28 May 2019 14:39
Operator : JU/SJ
Sample : PB120100BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

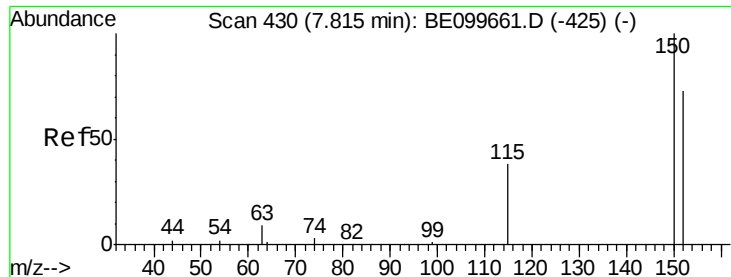
Instrument :
BNA_E
ClientSampleId :
PB120100BS

Quant Time: May 28 15:19:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

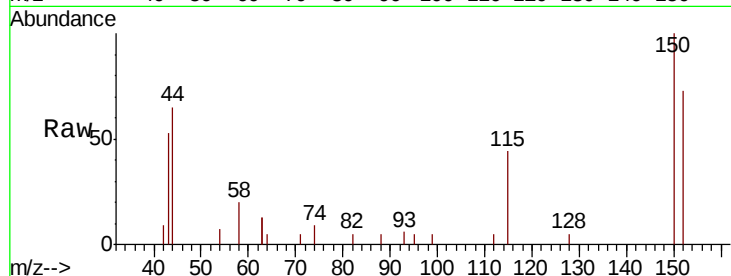
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

Instrument :
BNA_E
ClientSampled :
PB120100BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.4	109.2	163.8
115	60.3	43.7	65.5

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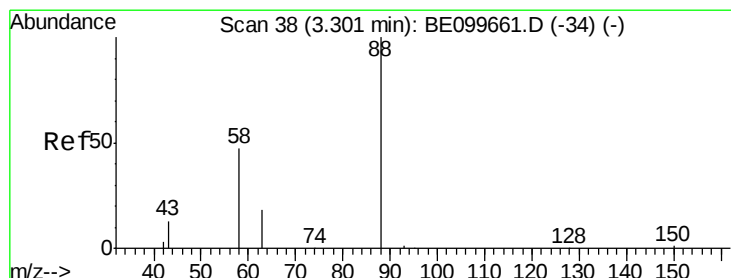
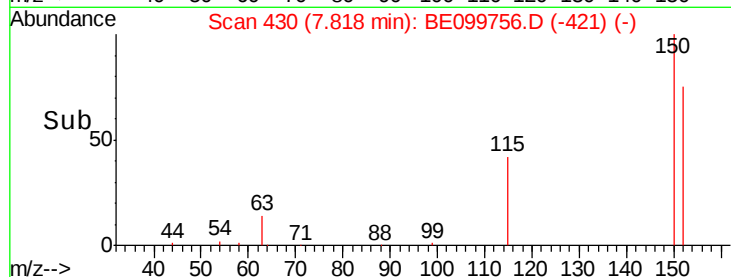
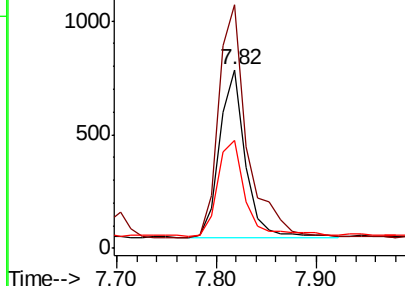


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

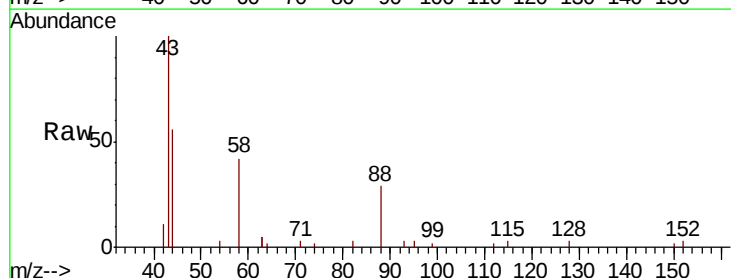
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.315 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.7	41.8	62.8#
43	0.0	15.0	22.4#

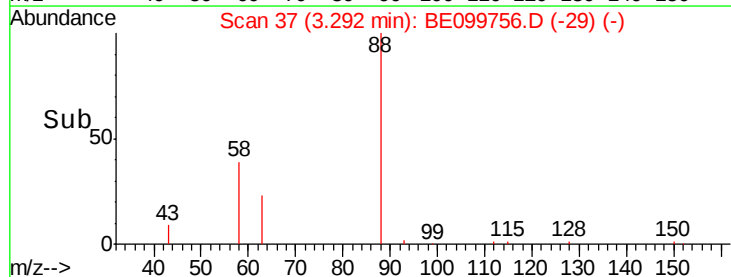
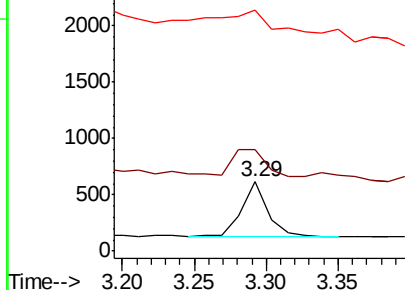


Abundance

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: 0.383 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.02 min

Lab File: BE099756.D

Acq: 28 May 2019 14:39

Instrument :

BNA_E

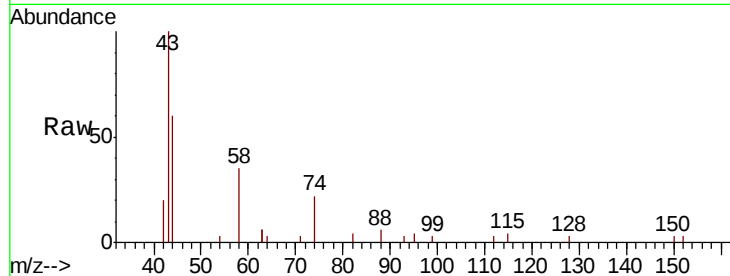
ClientSampled :

PB120100BS

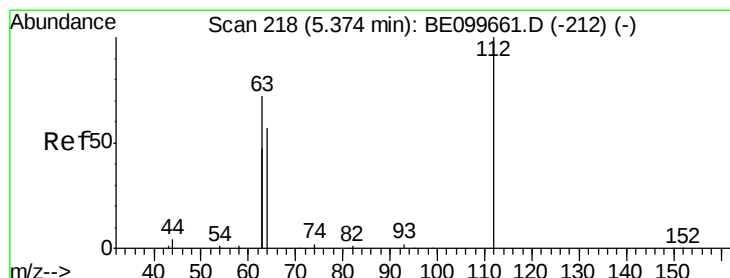
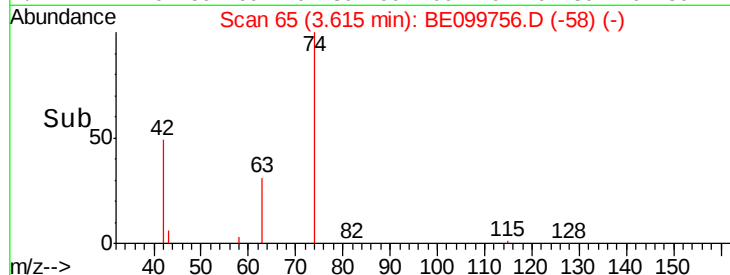
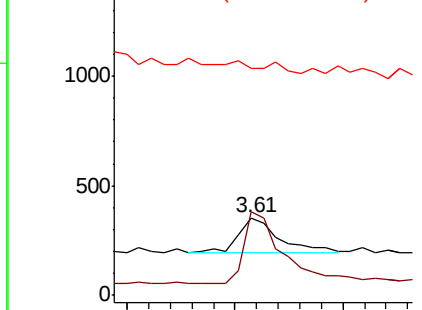
Tot Ion:	42	Resp:	415
Ion	Ratio	Lower	Upper
42	100		
74	188.4	129.2	193.8
44	0.0	0.0	0.0

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Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.393 ng

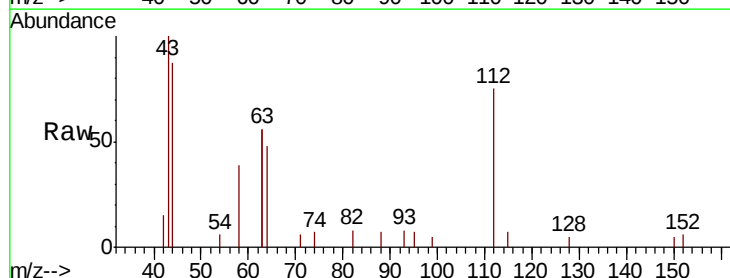
RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

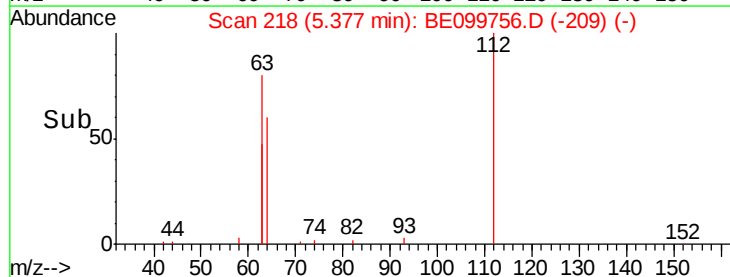
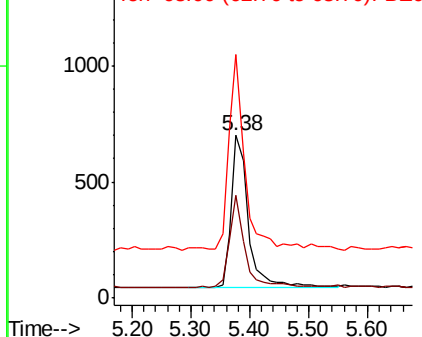
Lab File: BE099756.D

Acq: 28 May 2019 14:39

Tgt Ion:	112	Resp:	1316
Ion	Ratio	Lower	Upper
112	100		
64	53.1	43.4	65.2
63	113.8	96.9	145.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.378 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099756.D

Acq: 28 May 2019 14:39

Instrument :

BNA_E

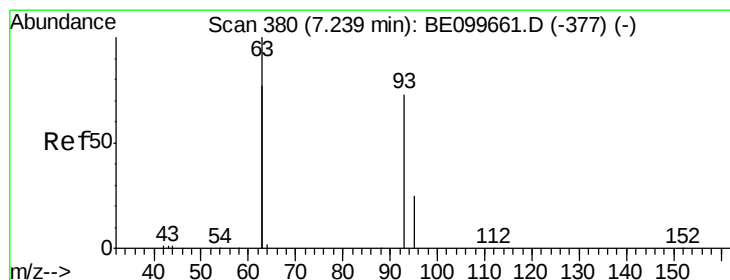
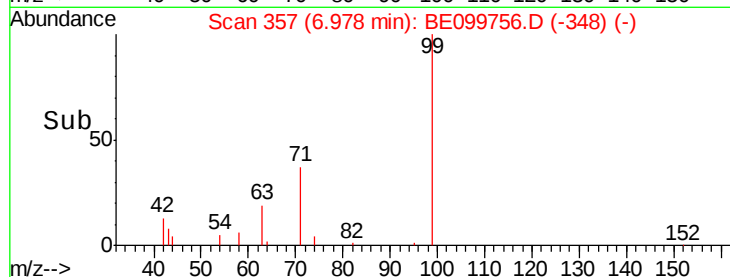
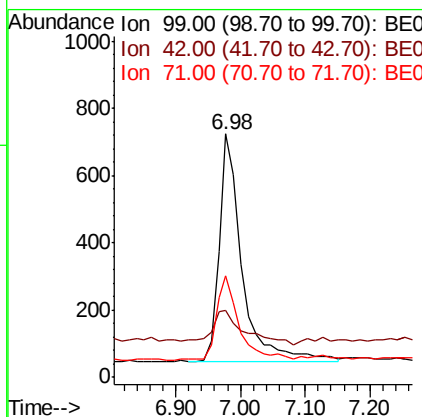
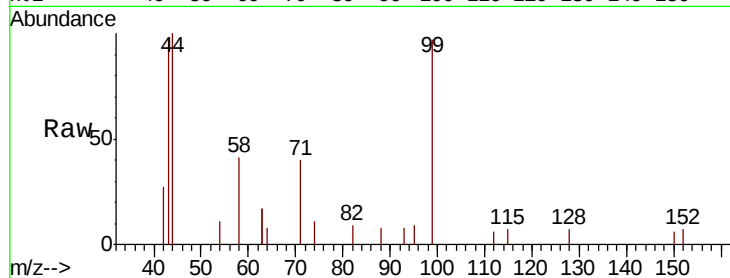
ClientSampleId :

PB120100BS

Tot Ion:	99	Resp:	1676
Ion	Ratio	Lower	Upper
99	100		
42	21.1	12.2	18.2#
71	36.8	28.9	43.3

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#6

bis(2-Chloroethyl)ether

Concen: 0.329 ng

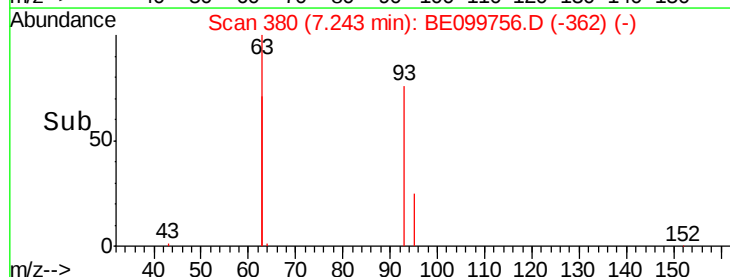
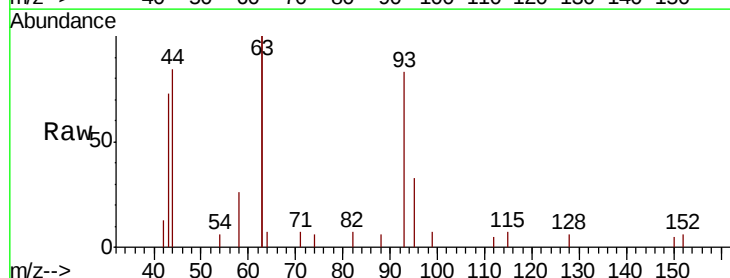
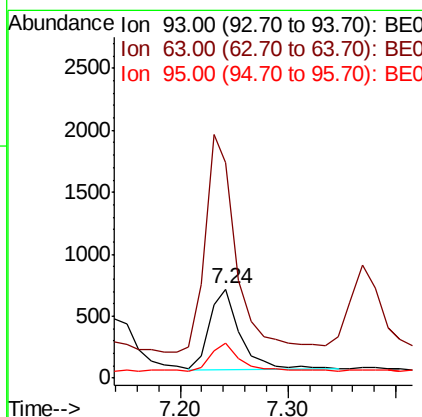
RT: 7.24 min Scan# 380

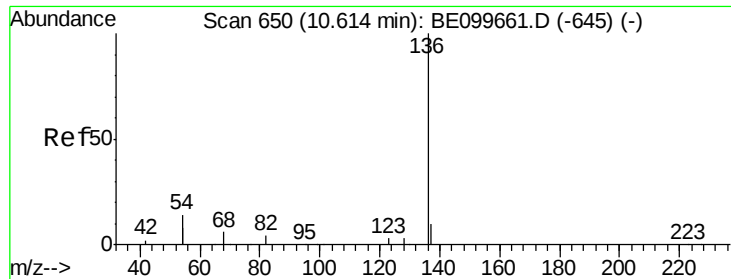
Delta R.T. 0.00 min

Lab File: BE099756.D

Acq: 28 May 2019 14:39

Tgt Ion:	93	Resp:	1297
Ion	Ratio	Lower	Upper
93	100		
63	267.9	207.8	311.6
95	36.9	25.9	38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099756.D

Acq: 28 May 2019 14:39

Instrument :

BNA_E

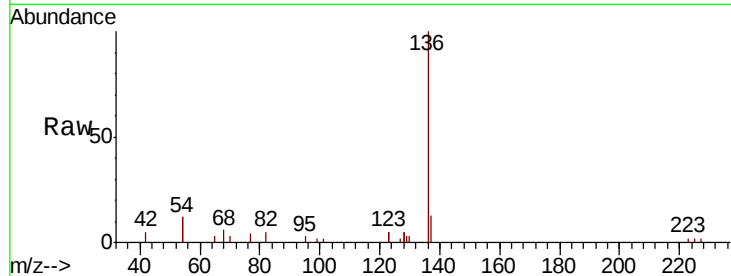
ClientSampleId :

PB120100BS

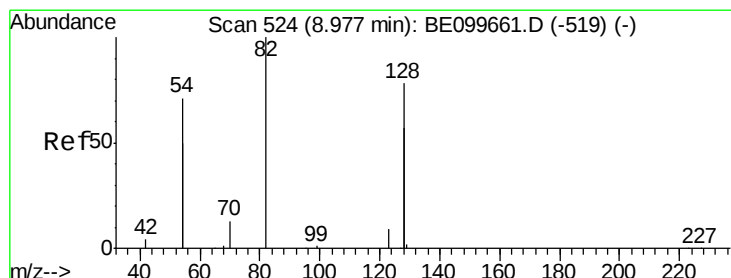
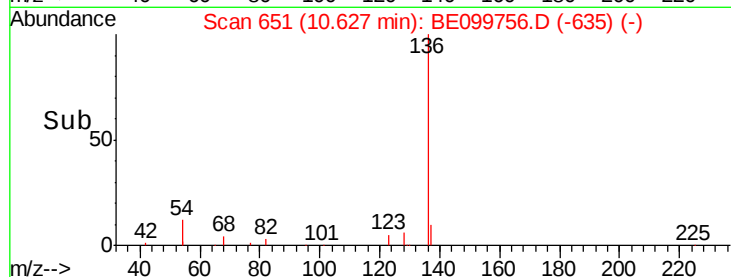
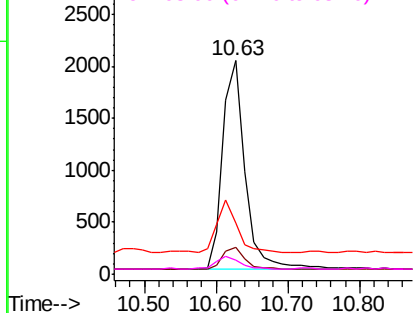
Tot Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.0	13.6
54	24.0	22.3	33.5
68	6.4	6.0	9.0

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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: 0.365 ng

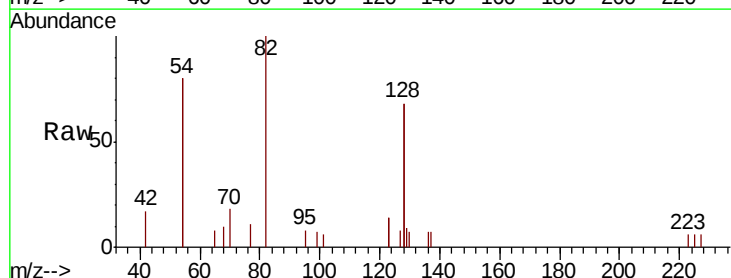
RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

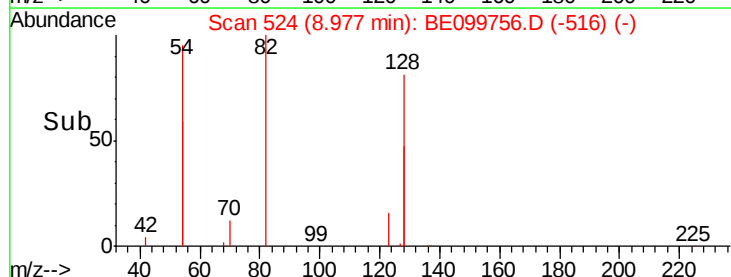
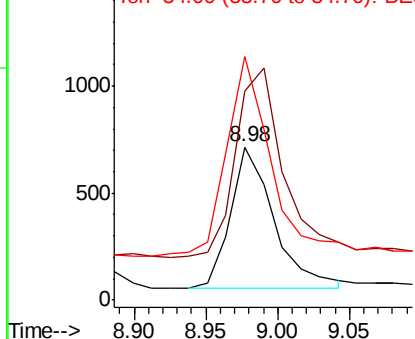
Lab File: BE099756.D

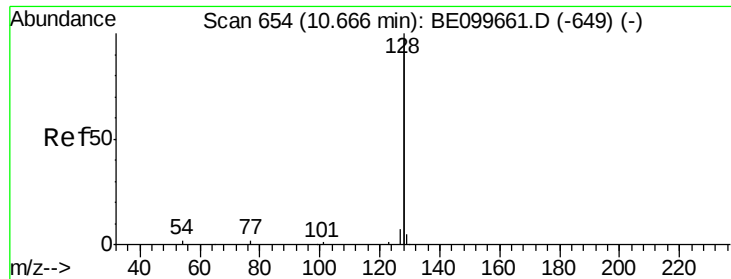
Acq: 28 May 2019 14:39

Tgt Ion	Ratio	Lower	Upper
82	100		
128	136.5	117.7	176.5
54	159.2	106.6	160.0



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: 0.370 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099756.D

Acq: 28 May 2019 14:39

Instrument :

BNA_E

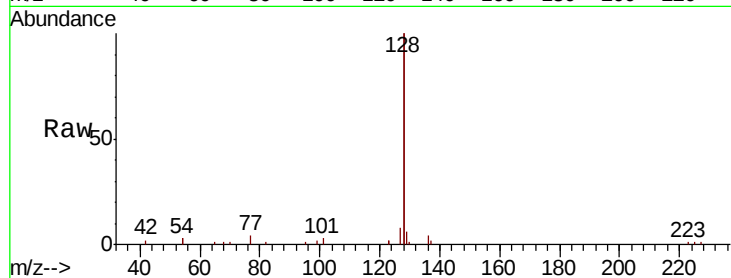
ClientSampled :

PB120100BS

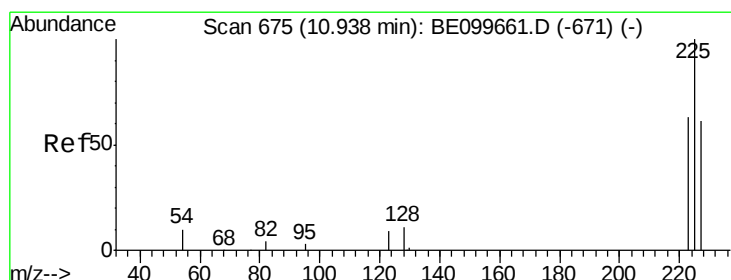
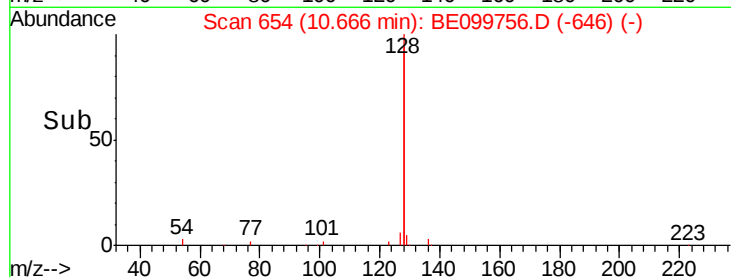
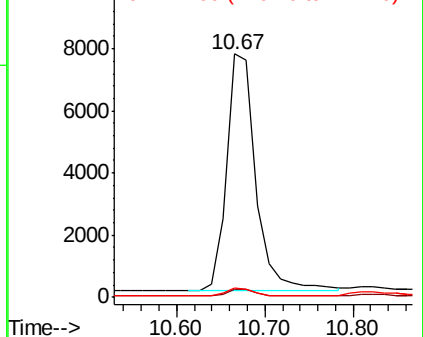
Tot Ion:	128	Resp:	17391
Ion Ratio	Lower	Upper	
128	100		
129	3.2	2.4	3.6
127	3.8	2.9	4.3

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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: 0.380 ng

RT: 10.95 min Scan# 676

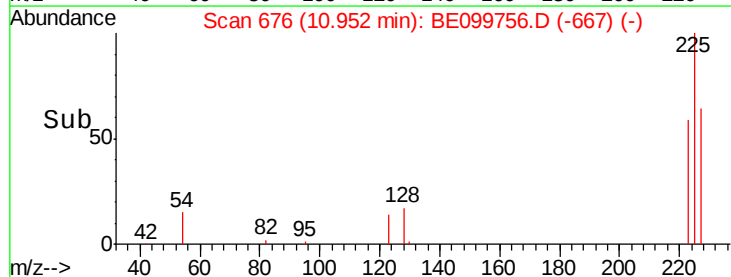
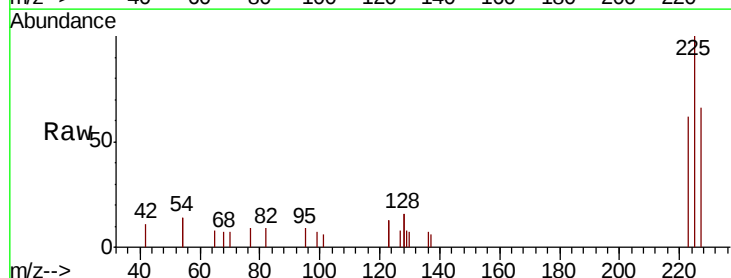
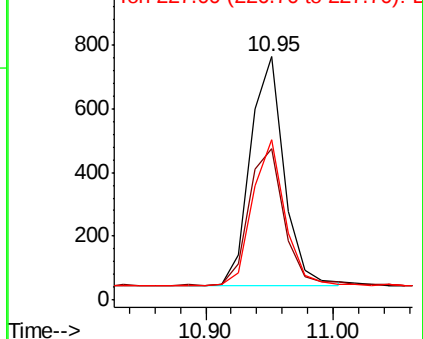
Delta R.T. 0.01 min

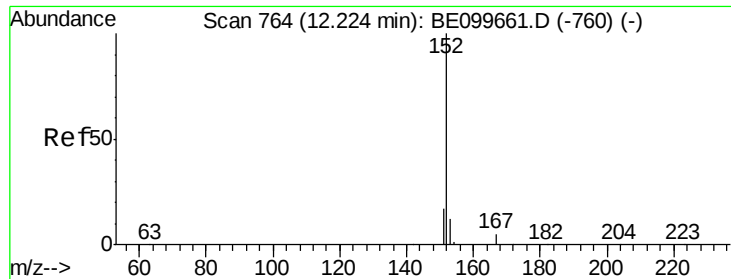
Lab File: BE099756.D

Acq: 28 May 2019 14:39

Tgt Ion:	225	Resp:	1316
Ion Ratio	Lower	Upper	
225	100		
223	63.2	51.8	77.6
227	61.2	52.6	79.0

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





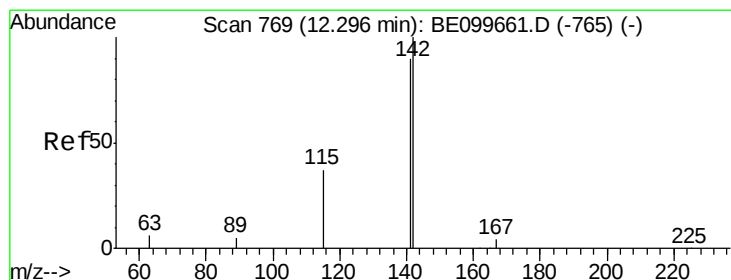
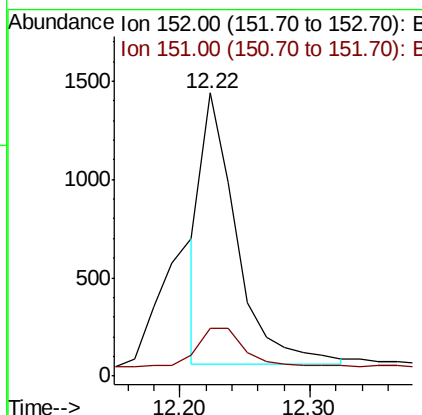
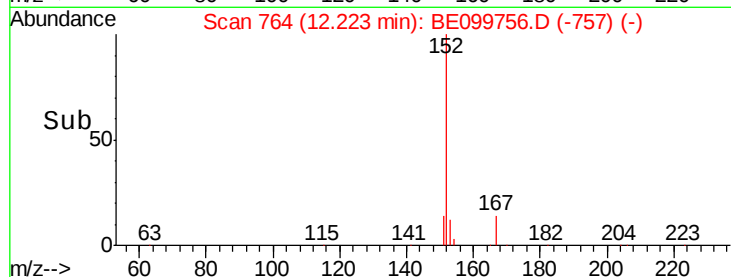
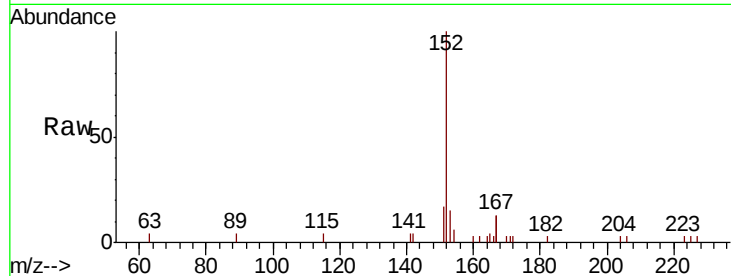
#11
2-Methylnaphthalene-d10
Concen: 0.337 ng m
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

Instrument :
BNA_E
ClientSampleId :
PB120100BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.0	22.4

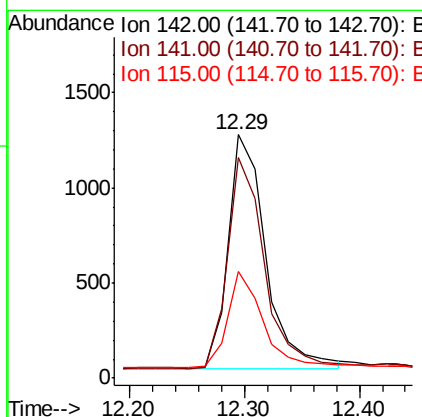
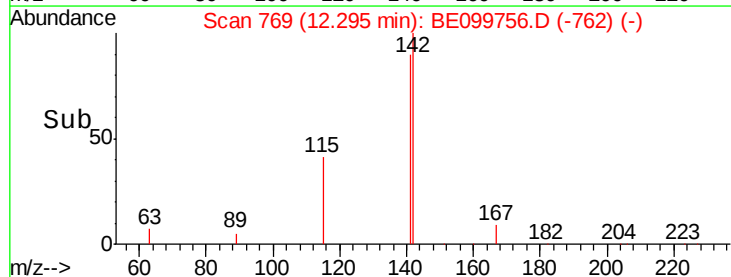
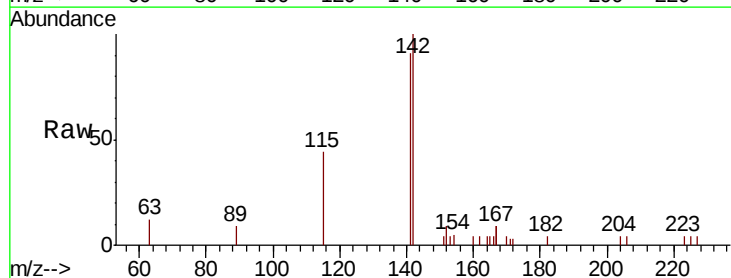
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#12
2-Methylnaphthalene
Concen: 0.369 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.0	108.0
115	43.9	31.0	46.4





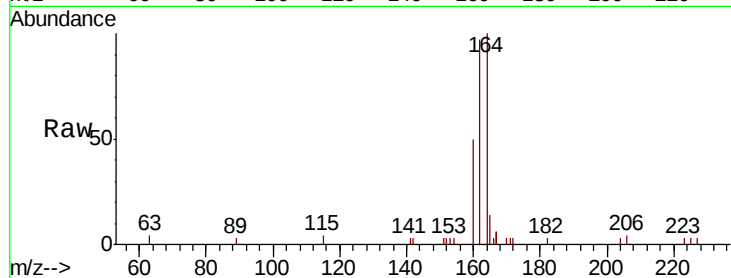
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

Instrument :
BNA_E
ClientSampleId :
PB120100BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.5	76.5	114.7
160	50.2	37.4	56.2

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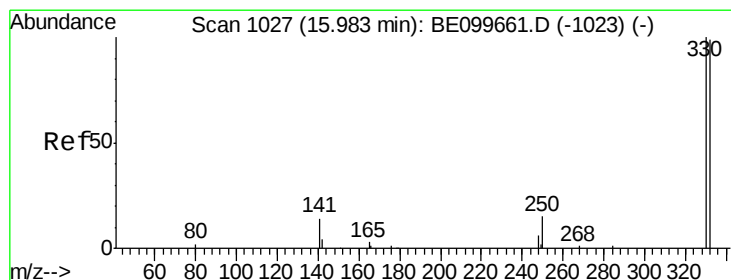
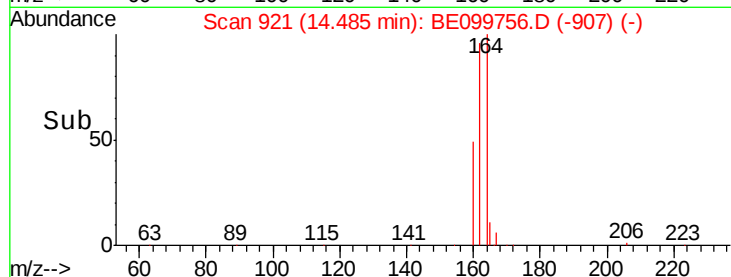
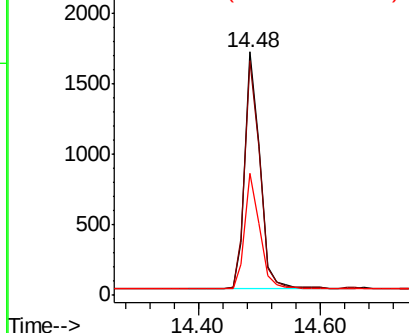


Abundance

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: 0.423 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

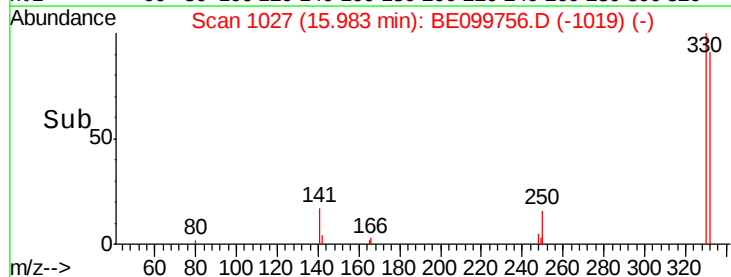
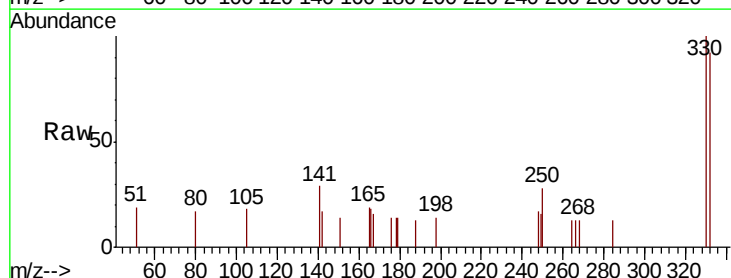
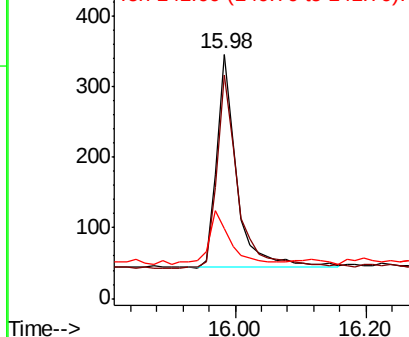
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	25.6	18.9	28.3

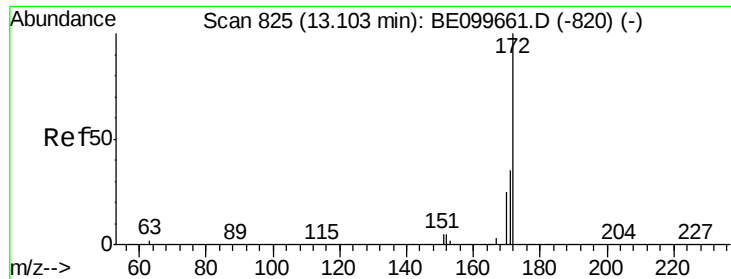
Abundance

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





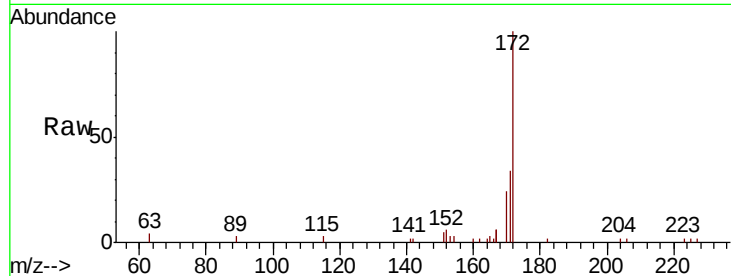
#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

Instrument :
BNA_E
ClientSampled :
PB120100BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.7	43.1
170	23.7	20.9	31.3

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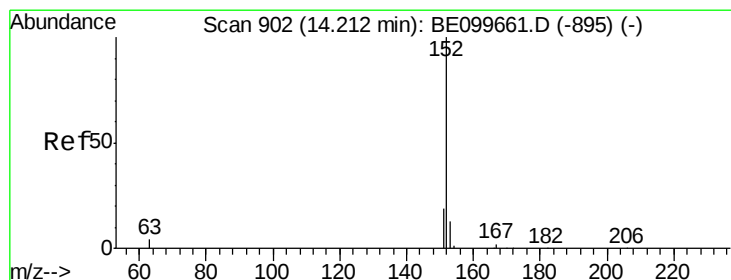
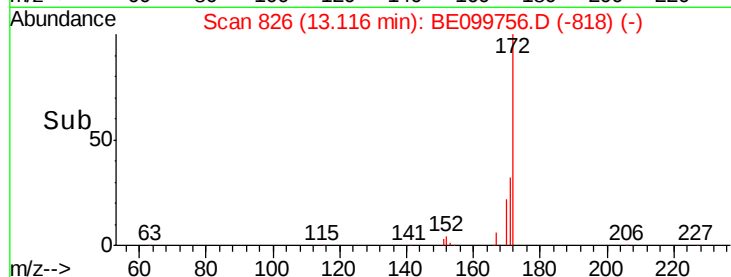
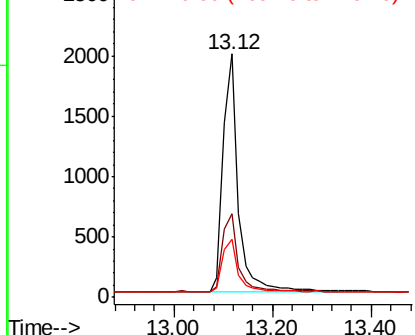


Abundance

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: 0.369 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

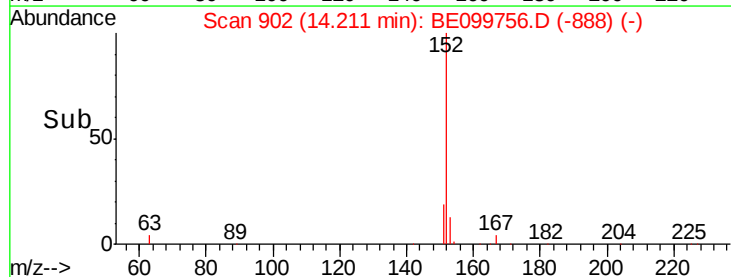
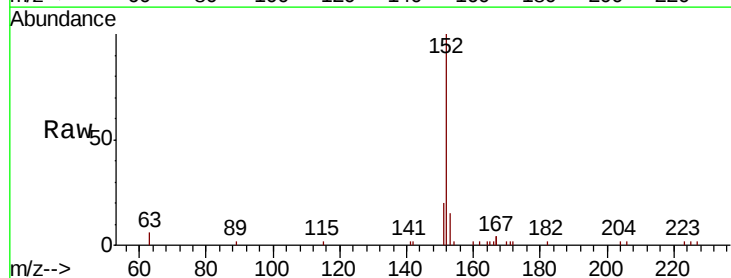
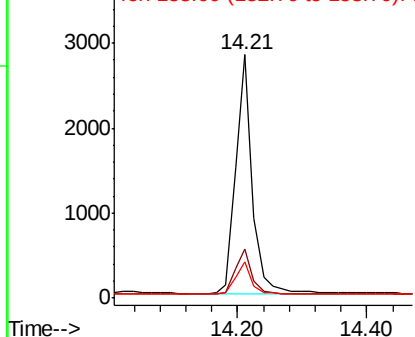
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.9	23.9
153	13.4	10.6	16.0

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: 0.365 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.01 min

Lab File: BE099756.D

Acq: 28 May 2019 14:39

Instrument :

BNA_E

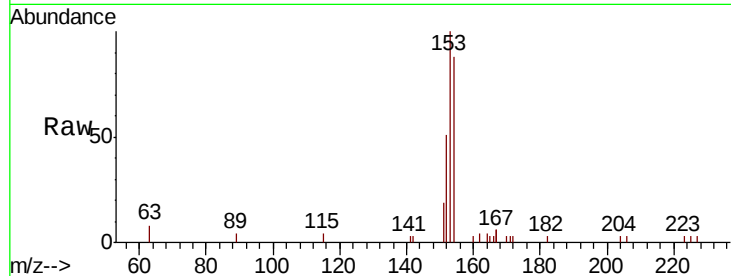
ClientSampleId :

PB120100BS

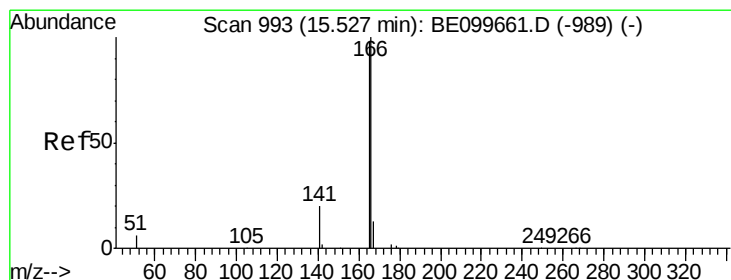
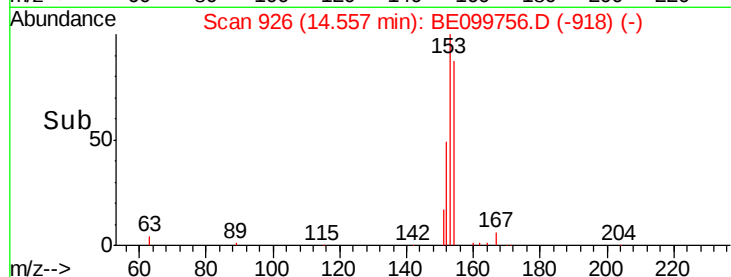
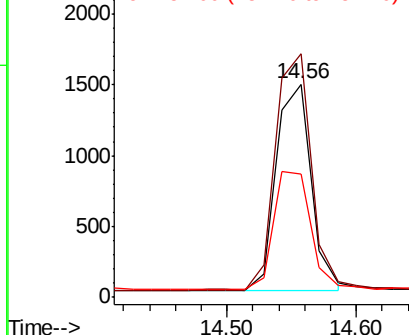
Tot Ion:	154	Resp:	2757
Ion	Ratio	Lower	Upper
154	100		
153	116.8	91.8	137.6
152	60.5	46.0	69.0

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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: 0.358 ng

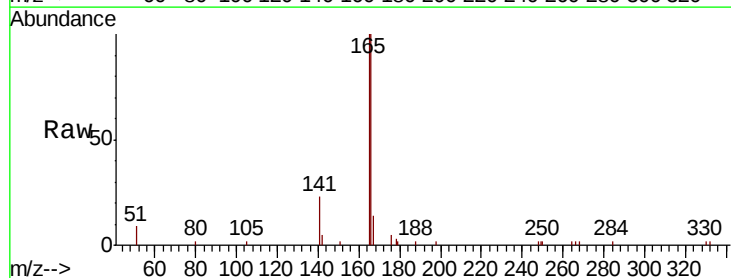
RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

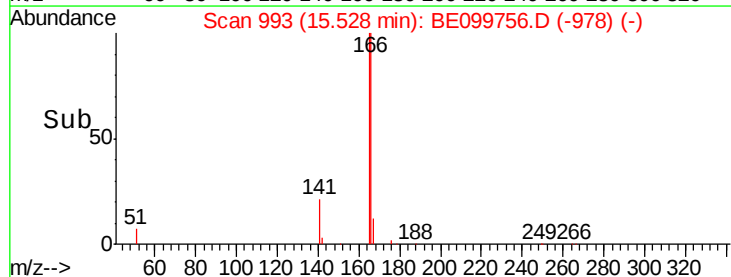
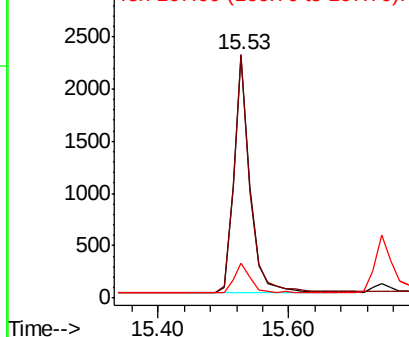
Lab File: BE099756.D

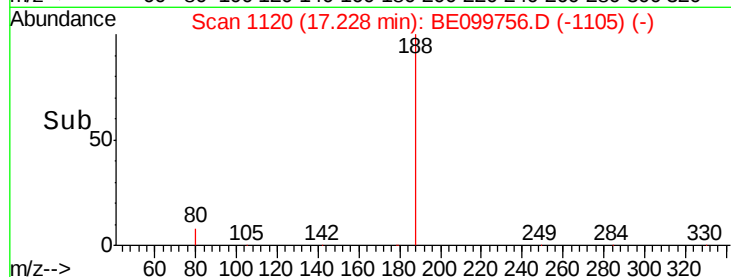
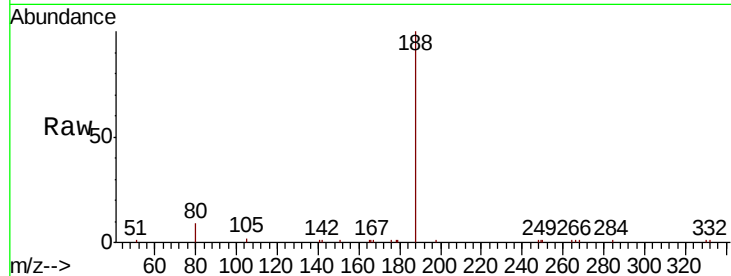
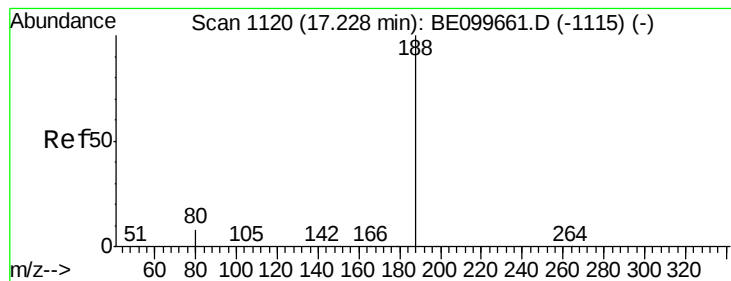
Acq: 28 May 2019 14:39

Tgt Ion:	166	Resp:	3981
Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.3	120.5
167	13.7	10.6	16.0



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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099756.D

Acq: 28 May 2019 14:39

Tot Ion:	188	Resp:	8483
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.0	6.7	10.1

Instrument :

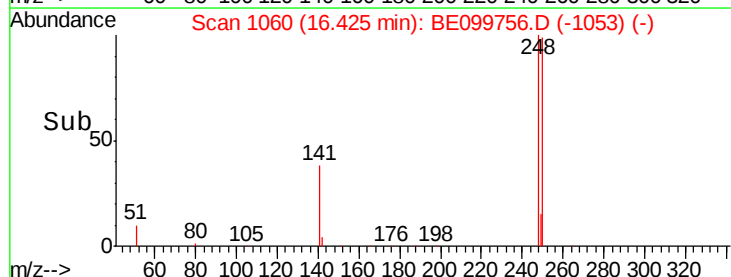
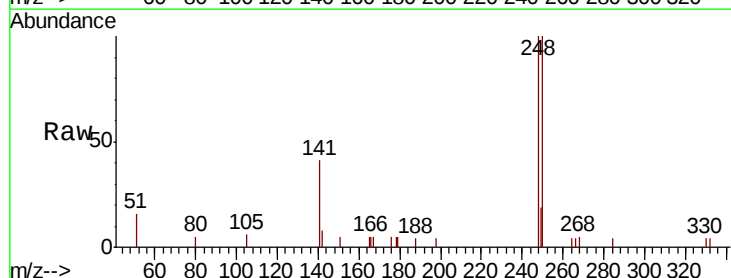
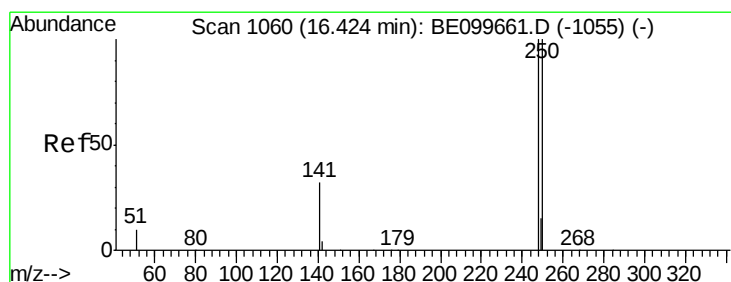
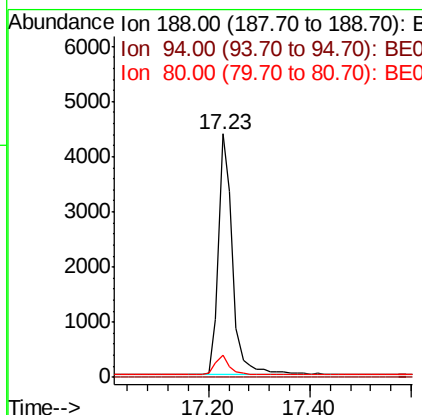
BNA_E

ClientSampleId :

PB120100BS

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#20

4-Bromophenyl-phenylether

Concen: 0.350 ng

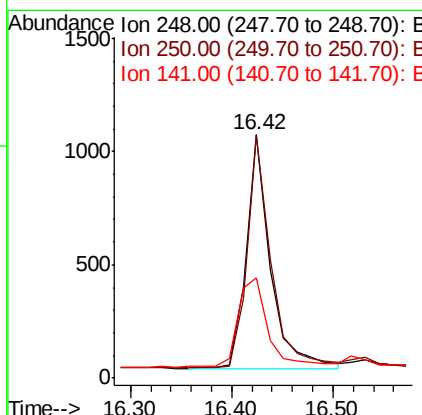
RT: 16.42 min Scan# 1060

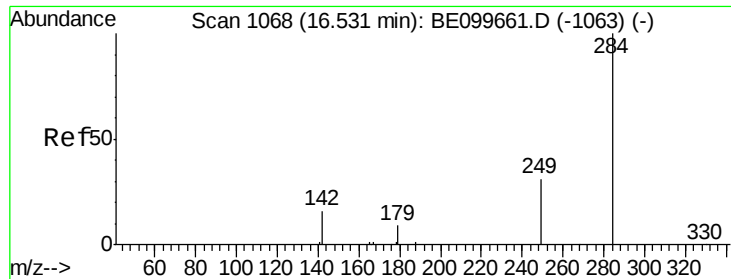
Delta R.T. 0.00 min

Lab File: BE099756.D

Acq: 28 May 2019 14:39

Tgt Ion:	248	Resp:	1713
Ion Ratio	Lower	Upper	
248	100		
250	99.6	79.8	119.8
141	41.1	27.0	40.6#





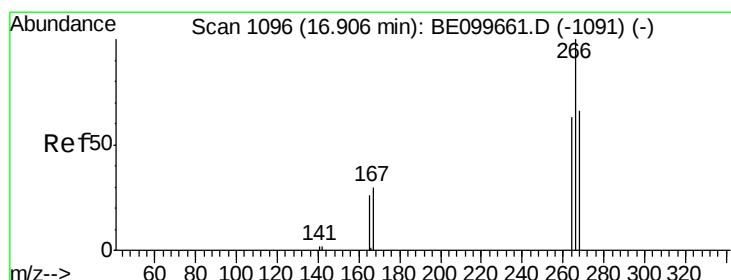
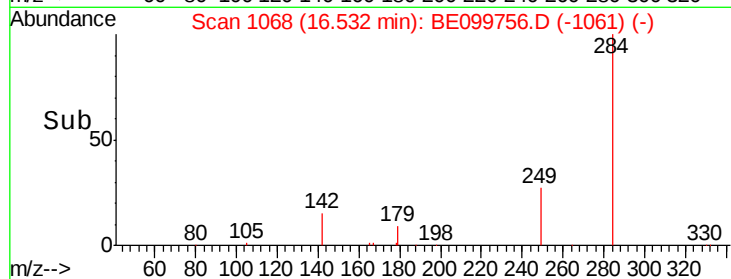
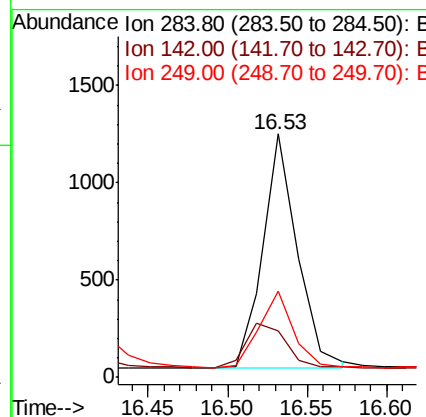
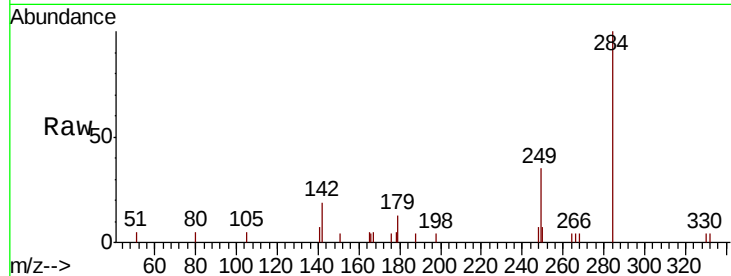
#21
Hexachlorobenzene
Concen: 0.366 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

Instrument :
BNA_E
ClientSampleId :
PB120100BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	21.9	17.8	26.6
249	32.0	24.8	37.2

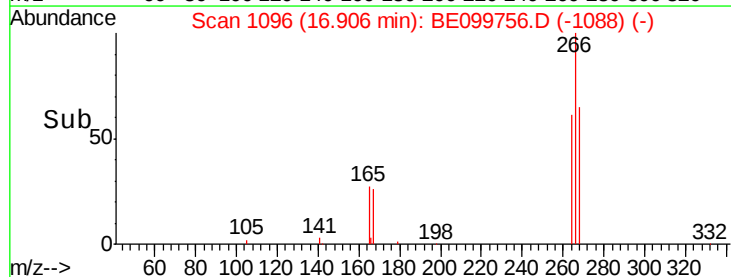
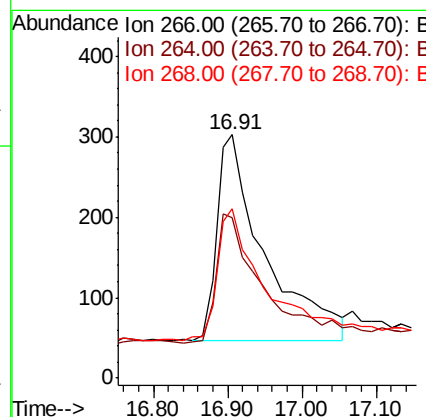
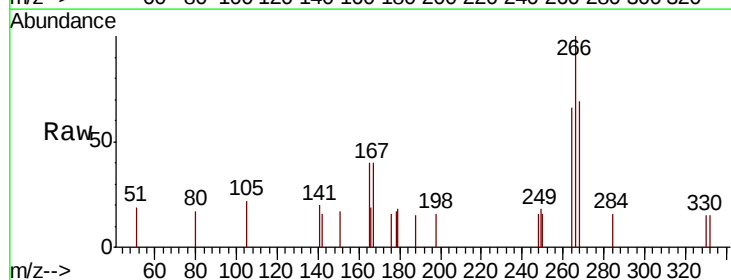
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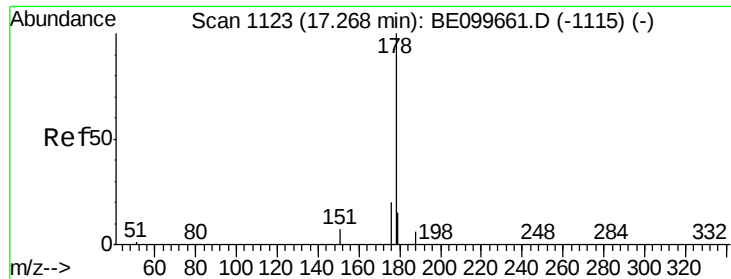
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#22
Pentachlorophenol
Concen: 0.875 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.0	57.2	85.8
268	69.3	60.5	90.7





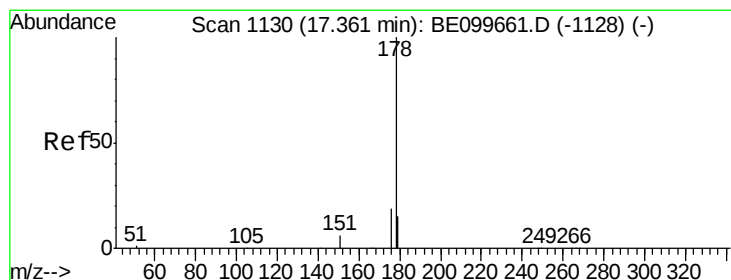
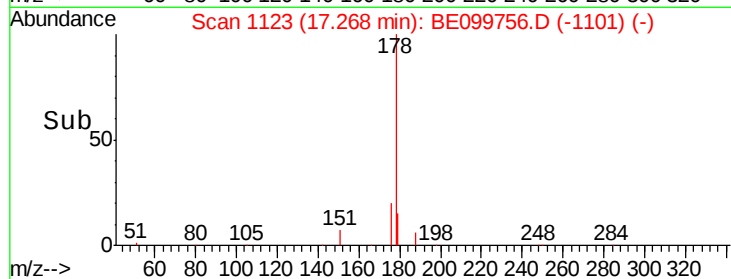
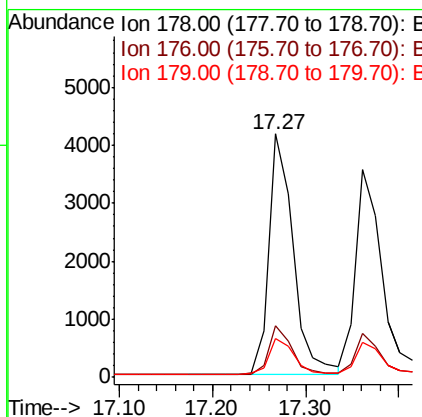
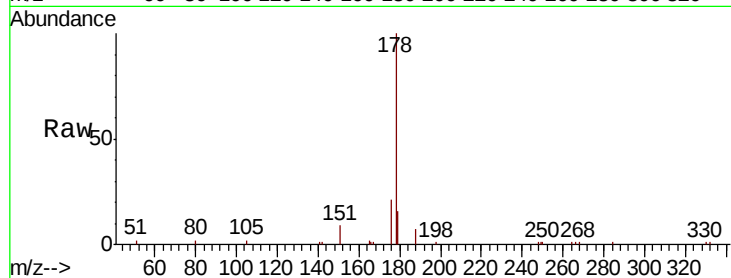
#23
Phenanthrene
Concen: 0.364 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

Instrument :
BNA_E
ClientSampleId :
PB120100BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.5	12.2	18.4

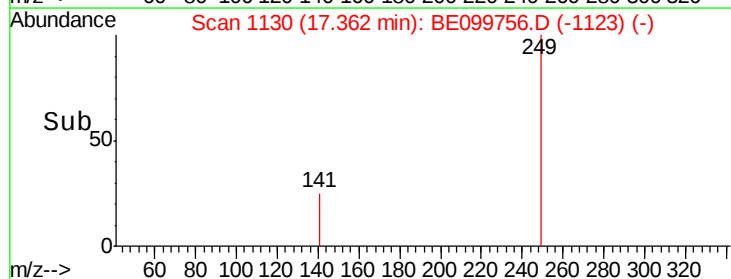
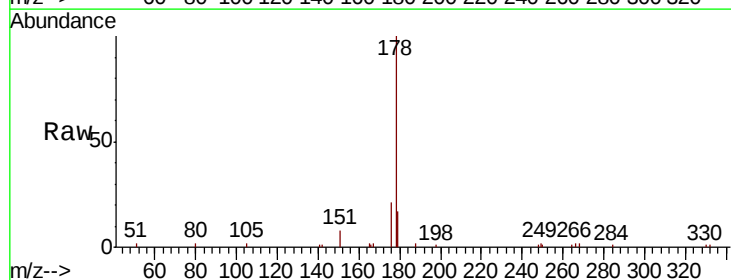
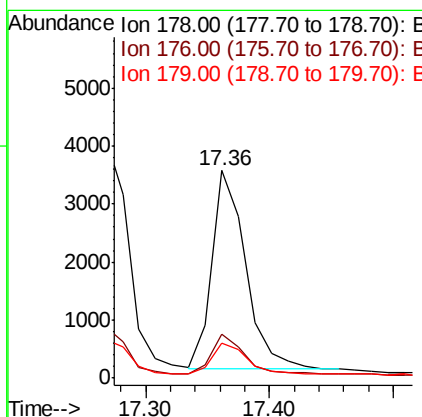
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#24
Anthracene
Concen: 0.346 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	14.7	22.1
179	15.7	12.0	18.0





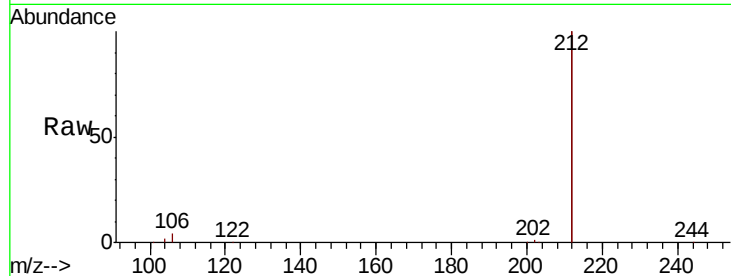
#25
 Fluoranthene-d10
 Concen: 0.390 ng
 RT: 19.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BE099756.D
 Acq: 28 May 2019 14:39

Instrument :
 BNA_E
 ClientSampleId :
 PB120100BS

Tot Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.8	1.2

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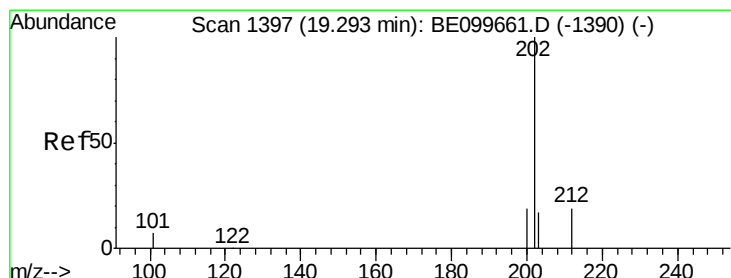
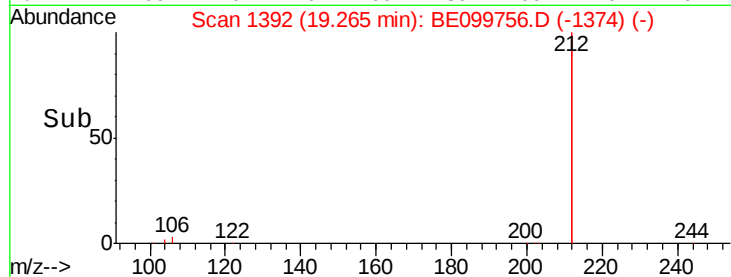
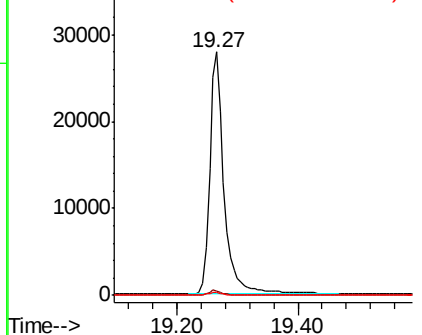


Abundance

Ion 212.00 (211.70 to 212.70): E

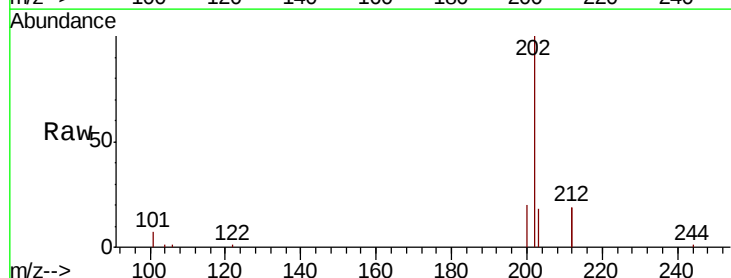
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26
 Fluoranthene
 Concen: 0.384 ng
 RT: 19.29 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BE099756.D
 Acq: 28 May 2019 14:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.2	7.8
203	17.1	13.8	20.6

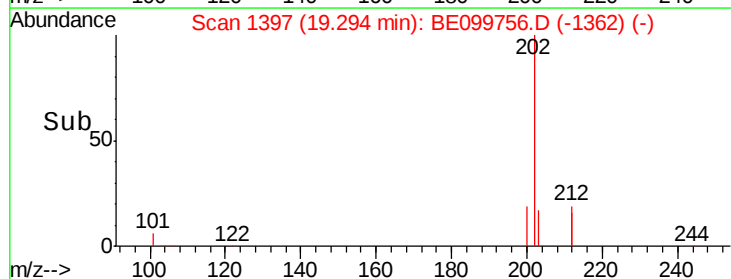
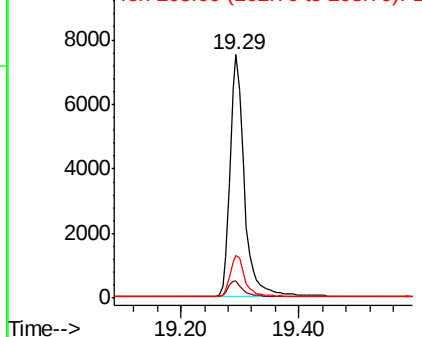


Abundance

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: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099756.D

Acq: 28 May 2019 14:39

Instrument :

BNA_E

ClientSampled :

PB120100BS

Tot Ion:240 Resp: 14705

Ion Ratio Lower Upper

240 100

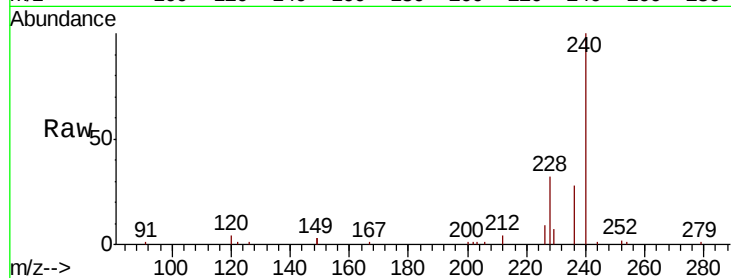
120 4.3 5.4 8.0#

236 27.6 21.7 32.5

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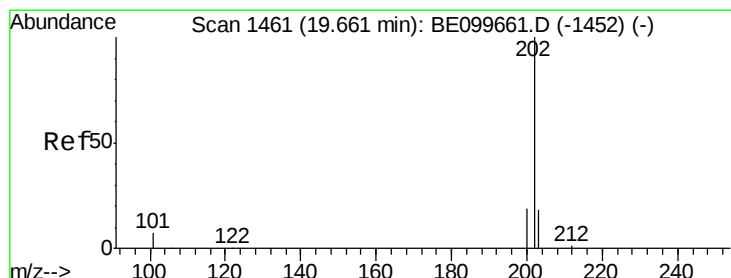
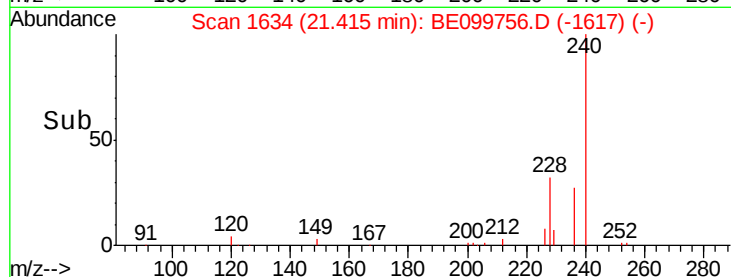
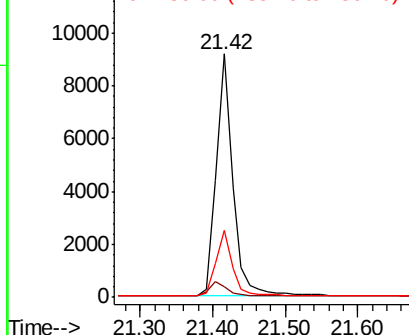


Abundance

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: 0.355 ng

RT: 19.66 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BE099756.D

Acq: 28 May 2019 14:39

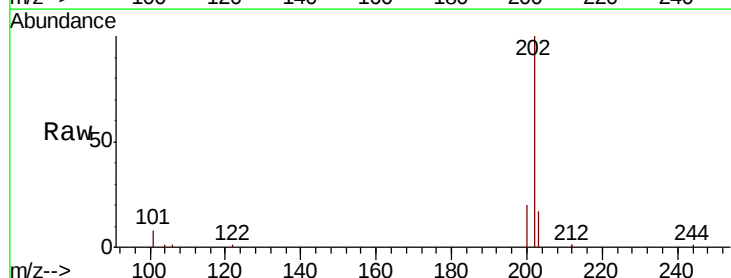
Tgt Ion:202 Resp: 13114

Ion Ratio Lower Upper

202 100

200 19.5 15.4 23.2

203 18.2 13.8 20.8

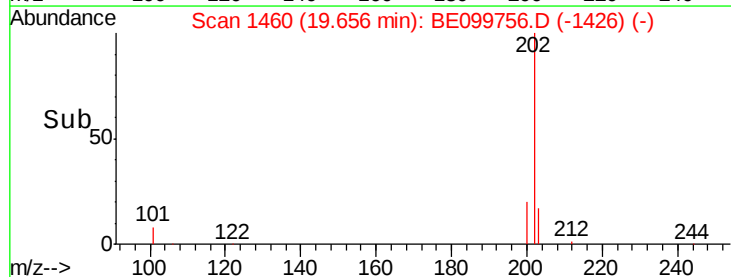
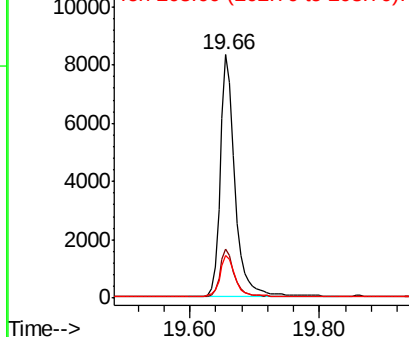


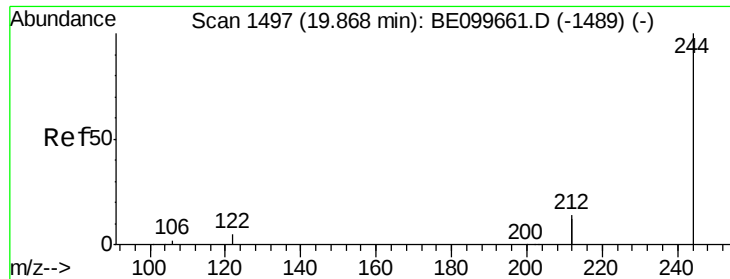
Abundance

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





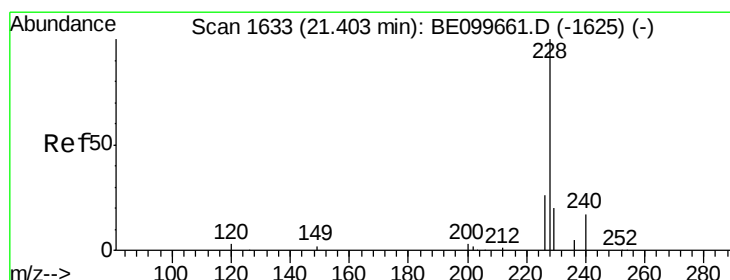
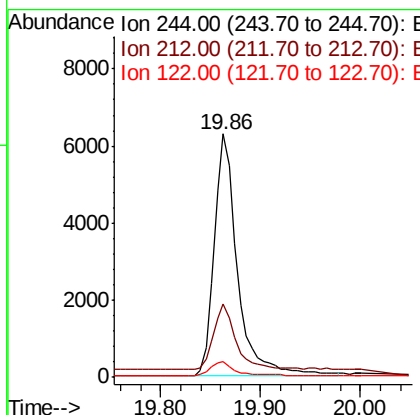
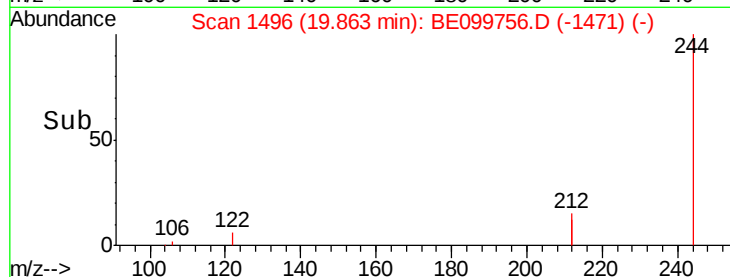
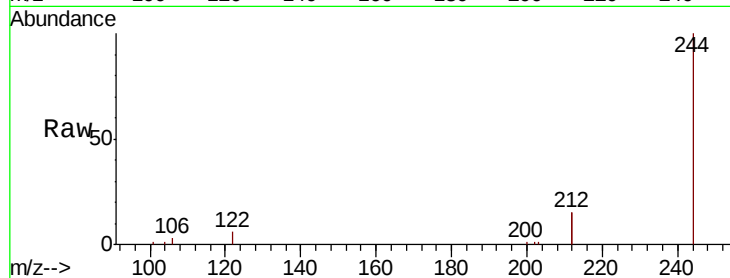
#29
 Terphenyl-d14
 Concen: 0.386 ng
 RT: 19.86 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BE099756.D
 Acq: 28 May 2019 14:39

Instrument :
 BNA_E
 ClientSampleId :
 PB120100BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	30.1	22.5	33.7
122	6.3	4.3	6.5

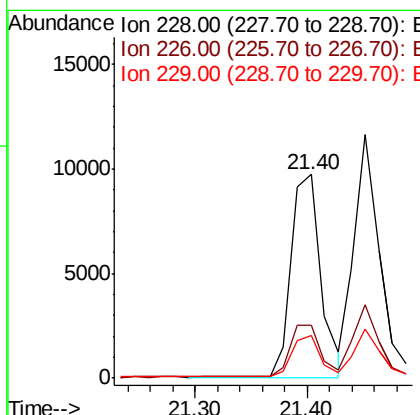
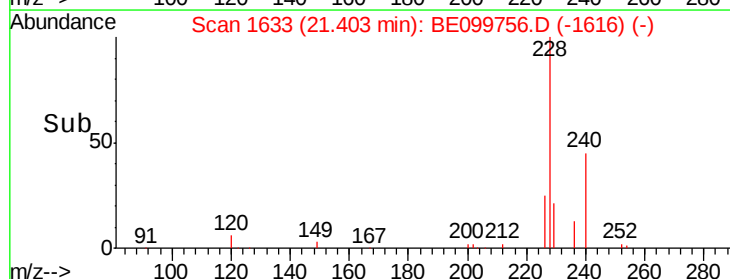
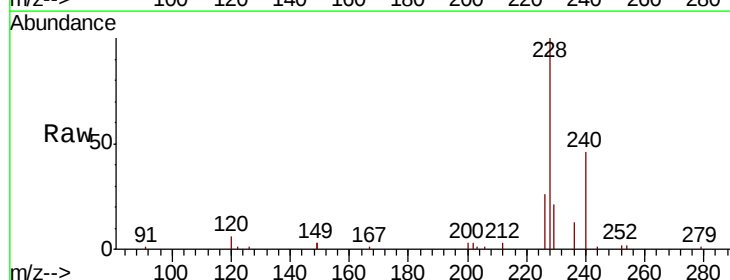
Manual Integrations
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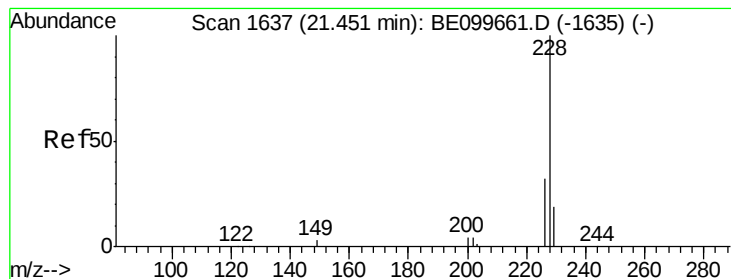
mohammad
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#30
 Benzo(a)anthracene
 Concen: 0.423 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099756.D
 Acq: 28 May 2019 14:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.7	21.3	31.9
229	21.1	16.1	24.1





#31

Chrysene

Concen: 0.404 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE099756.D

Acq: 28 May 2019 14:39

Instrument :

BNA_E

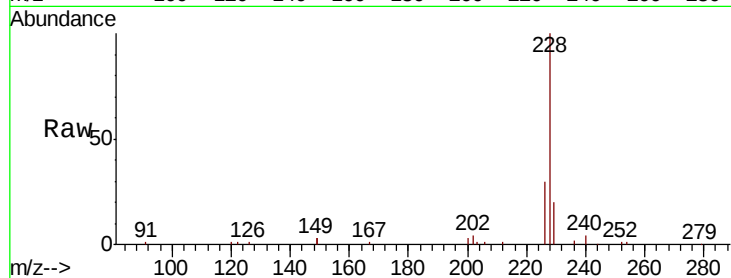
ClientSampleId :

PB120100BS

Tot Ion:	228	Resp:	18046
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.7	37.1
229	20.2	15.8	23.6

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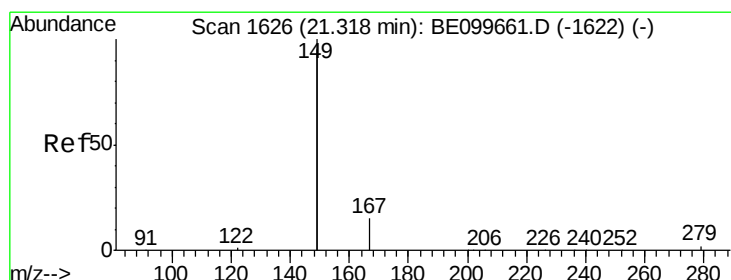
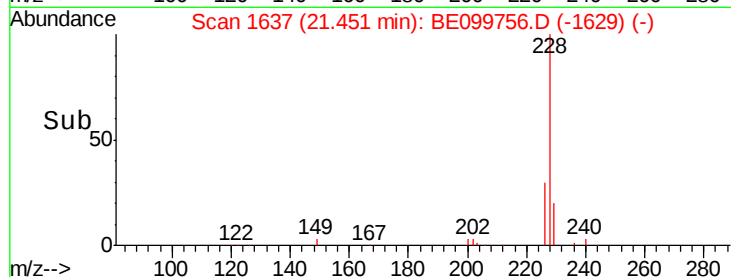
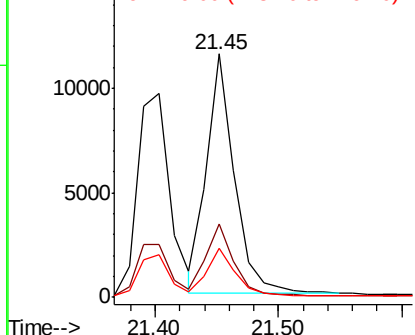


Abundance

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: 0.373 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099756.D

Acq: 28 May 2019 14:39

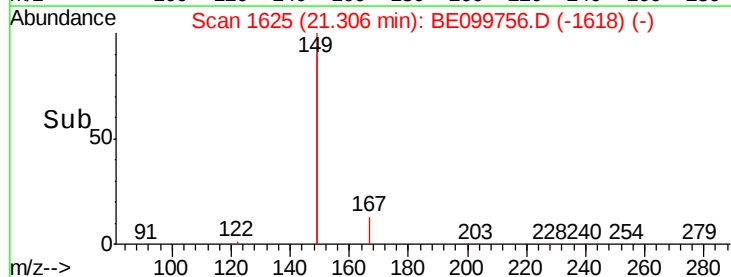
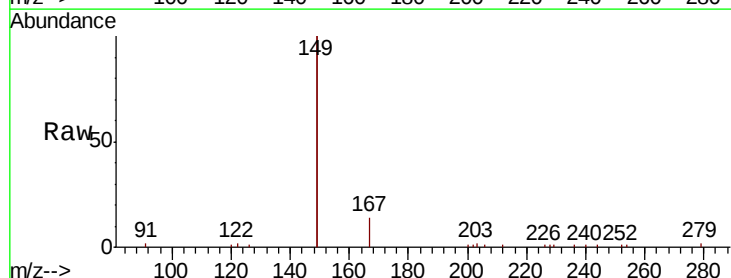
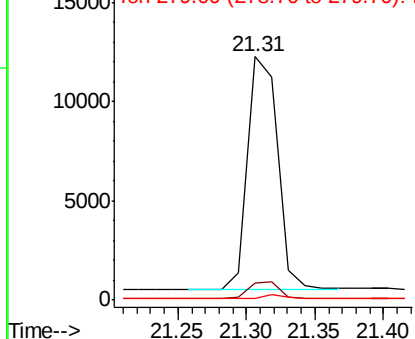
Tgt Ion:	149	Resp:	17958
Ion Ratio	Lower	Upper	
149	100		
167	7.3	6.2	9.4
279	1.6	1.2	1.8

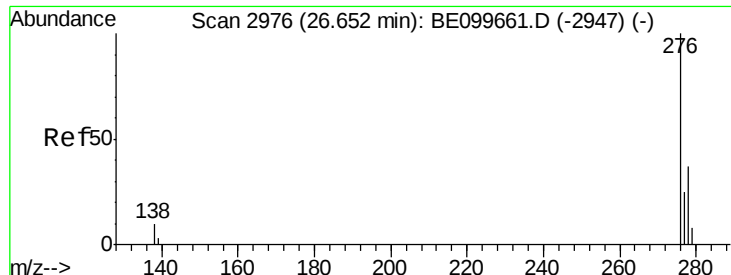
Abundance

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





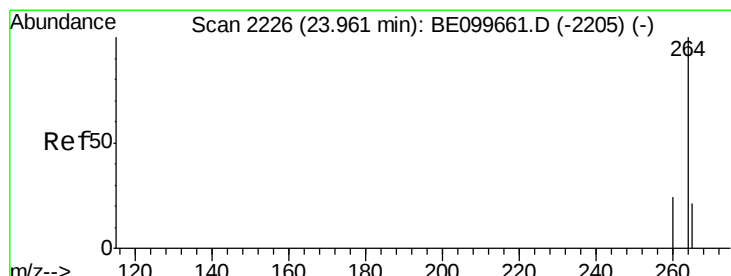
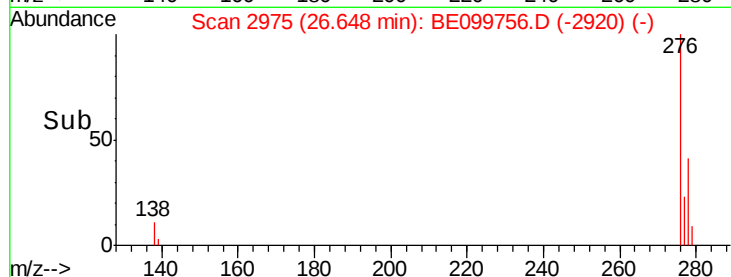
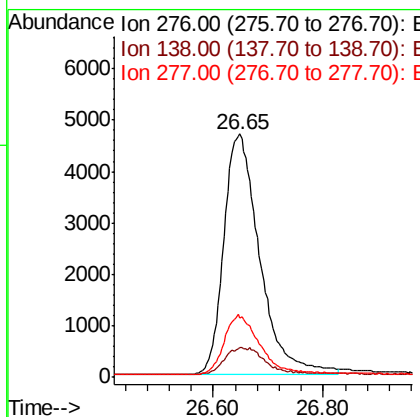
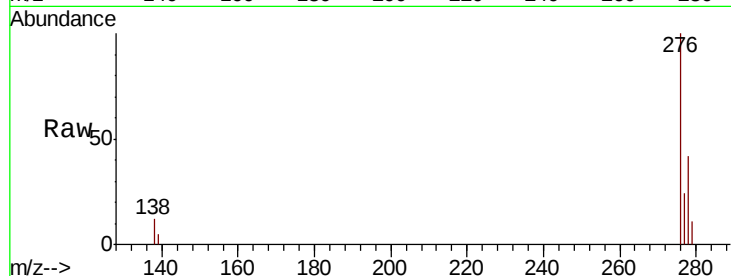
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng
RT: 26.65 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

Instrument :
BNA_E
ClientSampleId :
PB120100BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.9	9.6	14.4#
277	24.5	19.2	28.8

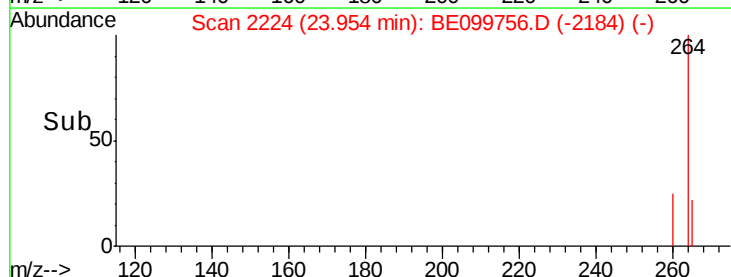
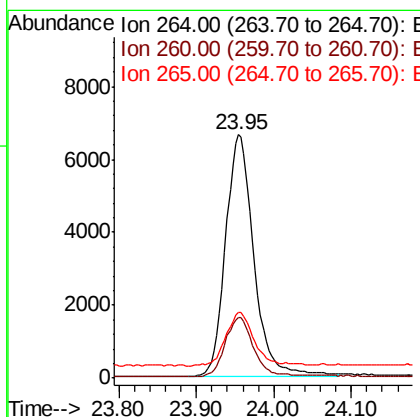
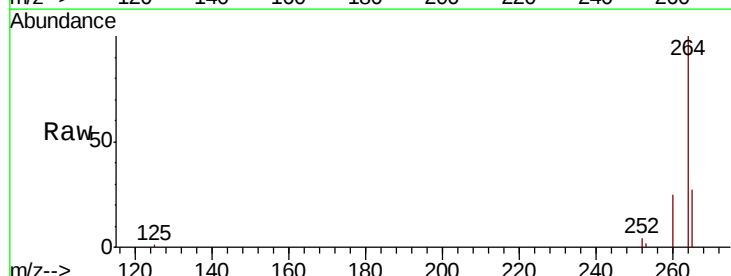
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	27.1	19.1	28.7





#35

Benzo(b)fluoranthene

Concen: 0.383 ng

RT: 23.17 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BE099756.D

Acq: 28 May 2019 14:39

Instrument :

BNA_E

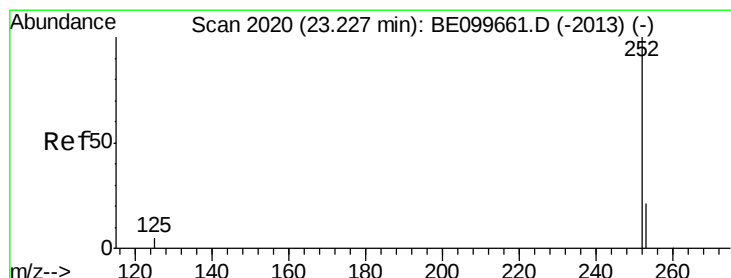
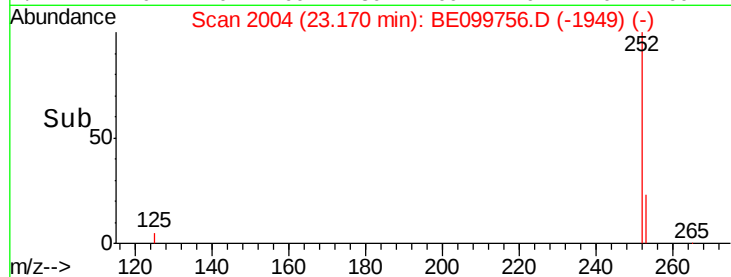
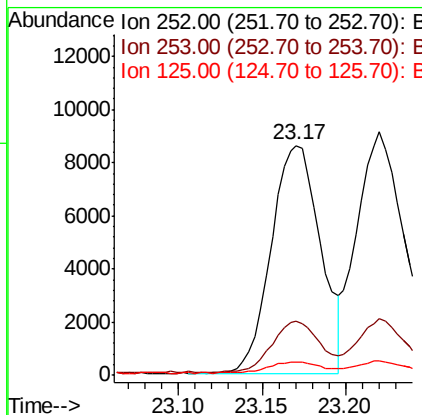
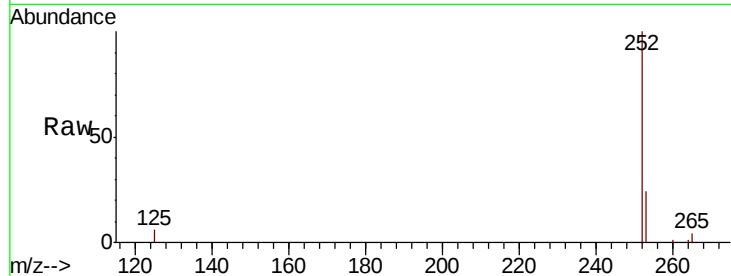
ClientSampleId :

PB120100BS

Tot Ion:	252	Resp:	17626
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.2	27.4
125	6.0	4.5	6.7

Manual Integrations
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#36

Benzo(k)fluoranthene

Concen: 0.402 ng

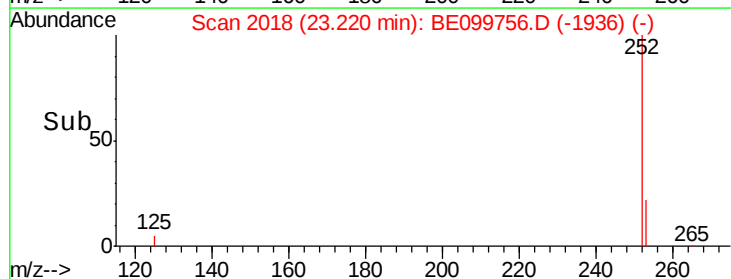
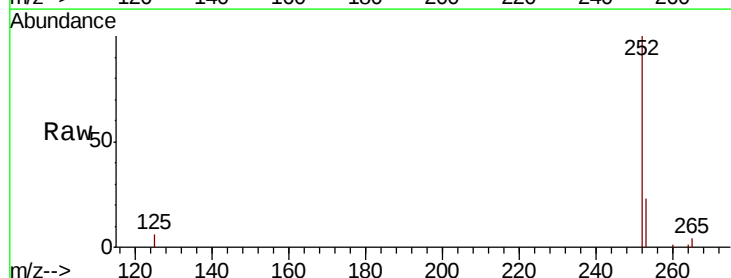
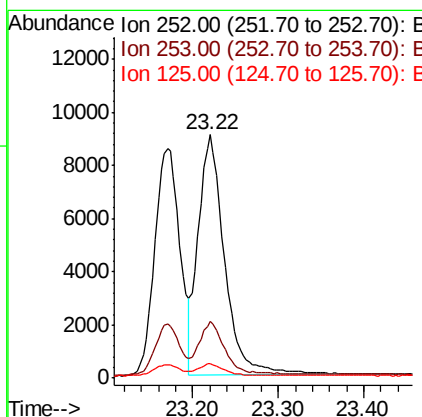
RT: 23.22 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BE099756.D

Acq: 28 May 2019 14:39

Tgt Ion:	252	Resp:	19302
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.8
125	5.9	4.6	6.8





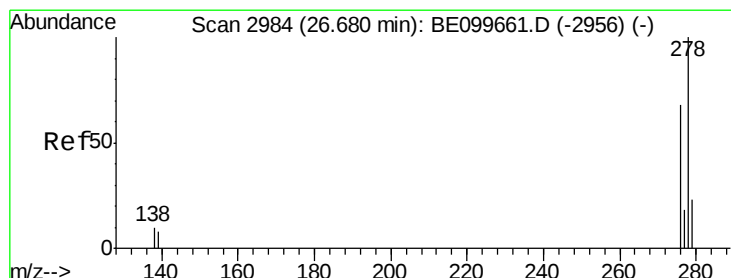
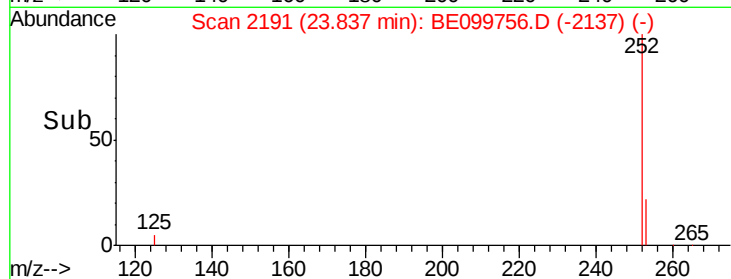
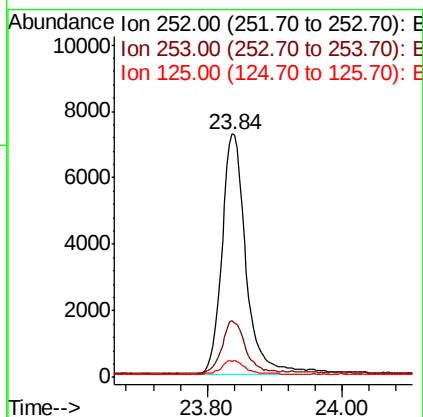
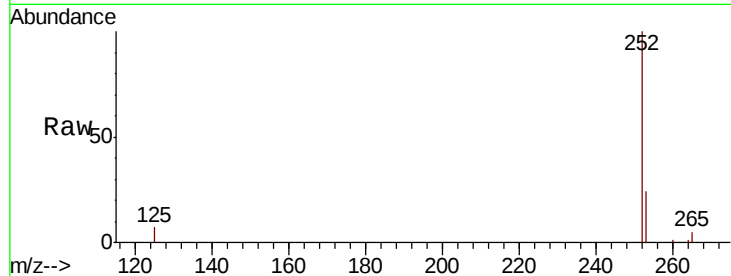
#37
Benzo(a)pyrene
Concen: 0.403 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

Instrument :
BNA_E
ClientSampleId :
PB120100BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	6.6	5.4	8.0

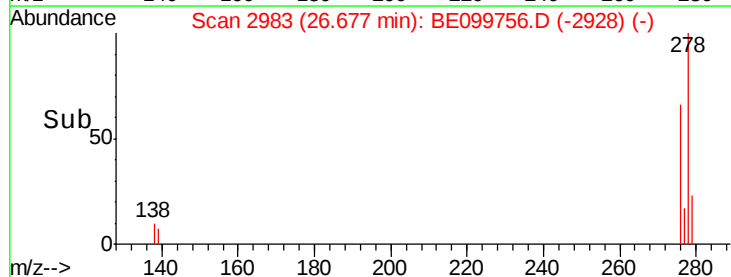
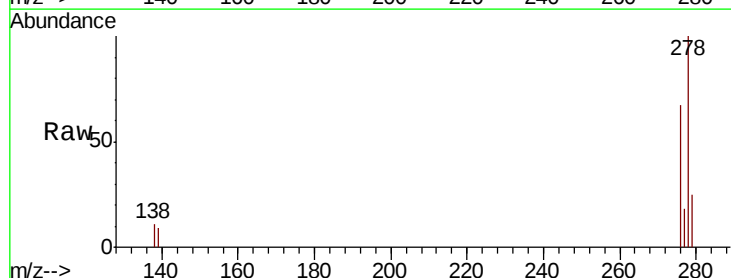
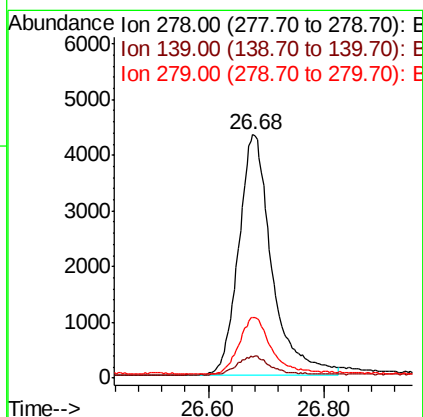
Manual Integrations
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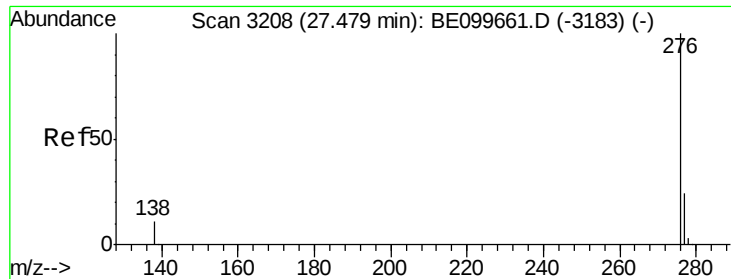
mohammad
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#38
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 26.68 min Scan# 2983
Delta R.T. -0.00 min
Lab File: BE099756.D
Acq: 28 May 2019 14:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.6	6.9	10.3
279	24.9	19.2	28.8





#39

Benzo(a,h,i)perylene

Concen: 0.399 ng

RT: 27.47 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BE099756.D

Acq: 28 May 2019 14:39

Instrument :

BNA_E

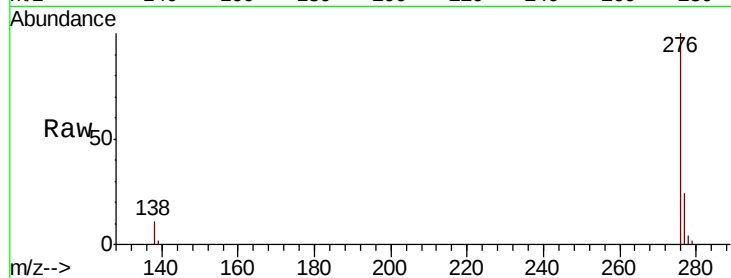
ClientSampleId :

PB120100BS

Tot Ion:	276	Resp:	18741
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.8	29.6
138	11.5	9.2	13.8

Manual Integrations
APPROVED

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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

