

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
 Data File : BE099737.D
 Acq On : 24 May 2019 11:59
 Operator : JU/SJ
 Sample : PB119877BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119877BS

Manual Integrations
 APPROVED

mohammad
 5/27/2019 4:01:14 AM

Quant Time: May 24 21:40:27 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	7.80	152	1703	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	5742	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3868	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	11018	0.40	ng	0.00
27) Chrysene-d12	21.40	240	16875	0.40	ng	-0.01
34) Perylene-d12	23.94	264	21362	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.37	112	1581	0.37	ng	0.00
5) Phenol-d6	6.96	99	2093	0.37	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1803	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3481m	0.35	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	769	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	5069	0.35	ng	0.00
25) Fluoranthene-d10	19.26	212	49427	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	10825	0.36	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	815	0.323	ng	# 59
3) n-Nitrosodimethylamine	3.60	42	553	0.397	ng	# 96
6) bis(2-Chloroethyl)ether	7.23	93	1775	0.350	ng	95
9) Naphthalene	10.65	128	21968	0.358	ng	100
10) Hexachlorobutadiene	10.94	225	1552	0.343	ng	99
12) 2-Methylnaphthalene	12.28	142	3574	0.357	ng	98
16) Acenaphthylene	14.20	152	6248	0.347	ng	99
17) Acenaphthene	14.54	154	3523	0.348	ng	100
18) Fluorene	15.51	166	5050	0.339	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	2197	0.346	ng	# 87
21) Hexachlorobenzene	16.52	284	2231	0.343	ng	99
22) Pentachlorophenol	16.89	266	700	0.525	ng	95
23) Phenanthrene	17.27	178	9340	0.347	ng	99
24) Anthracene	17.36	178	8666	0.355	ng	99
26) Fluoranthene	19.29	202	14543	0.342	ng	99
28) Pyrene	19.65	202	15095	0.356	ng	99
30) Benzo(a)anthracene	21.39	228	20064	0.418	ng	100
31) Chrysene	21.44	228	20090	0.392	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	26630	0.482	ng	99
33) Indeno(1,2,3-cd)pyrene	26.63	276	27070	0.437	ng	99
35) Benzo(b)fluoranthene	23.16	252	21441m	0.366	ng	
36) Benzo(k)fluoranthene	23.21	252	23218	0.380	ng	100
37) Benzo(a)pyrene	23.83	252	21683	0.385	ng	# 98
38) Dibenzo(a,h)anthracene	26.66	278	22373	0.378	ng	# 98
39) Benzo(g,h,i)perylene	27.46	276	22751	0.381	ng	99

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

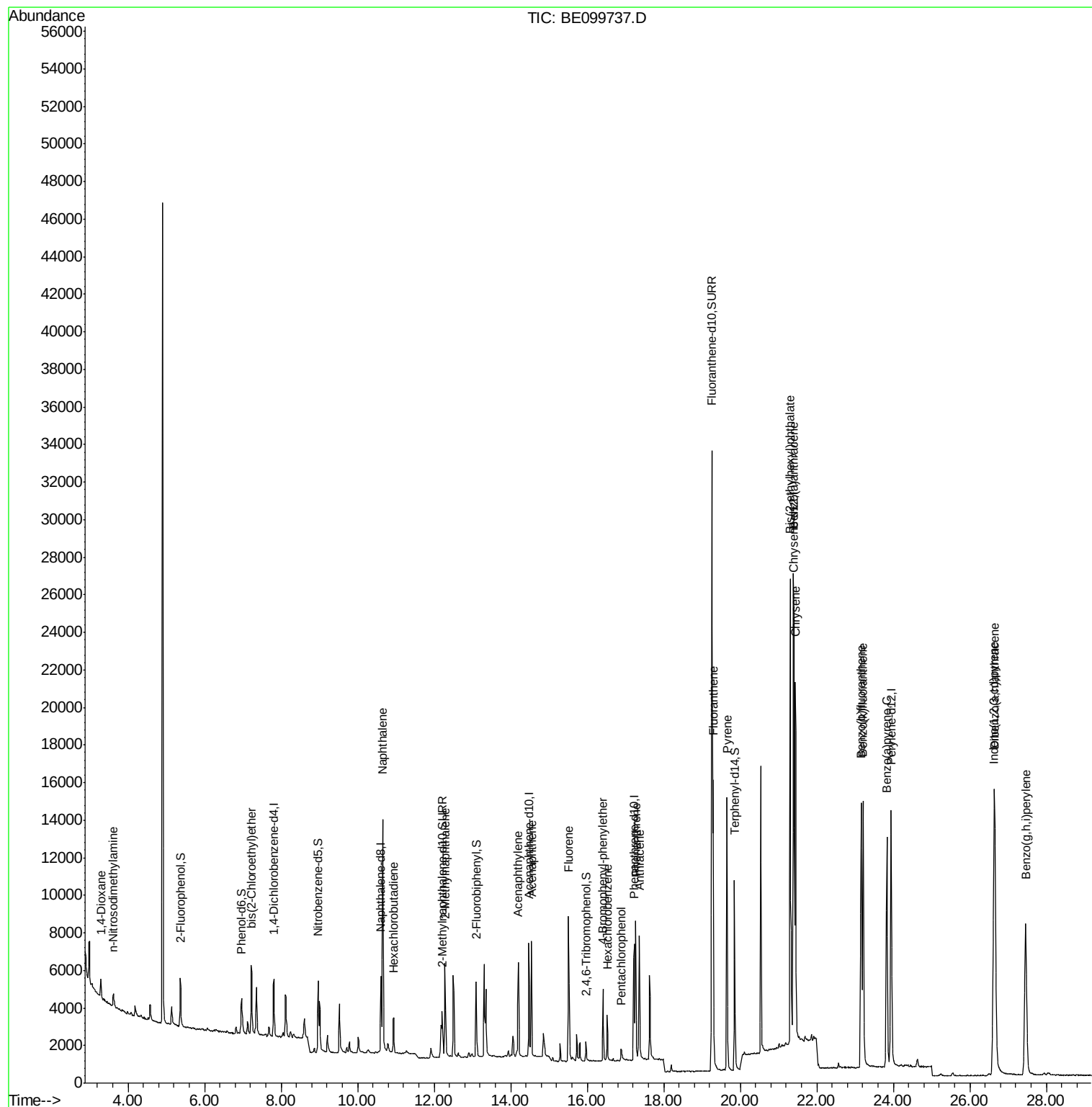
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
Data File : BE099737.D
Acq On : 24 May 2019 11:59
Operator : JU/SJ
Sample : PB119877BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

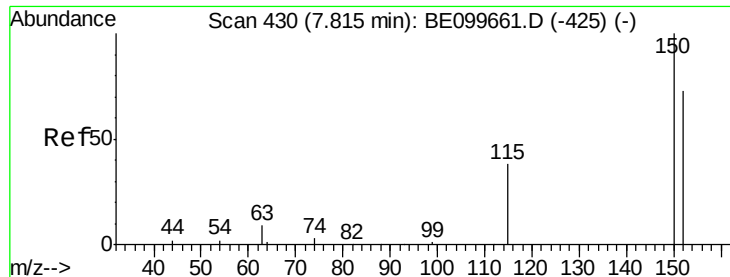
Instrument :
BNA_E
ClientSampleId :
PB119877BS

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Quant Time: May 24 21:40:27 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

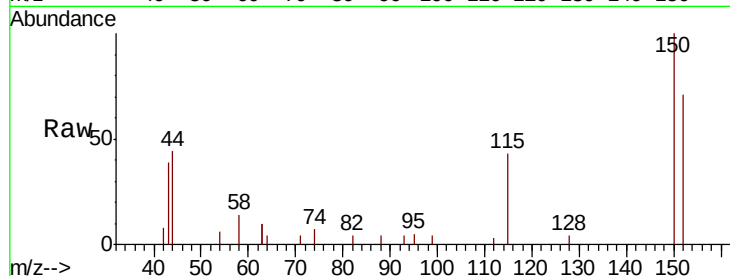
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Instrument :
BNA_E
ClientSampleId :
PB119877BS

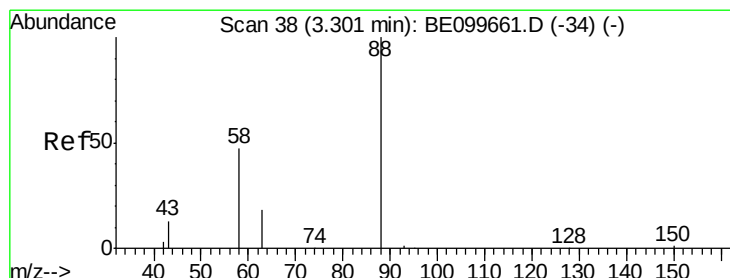
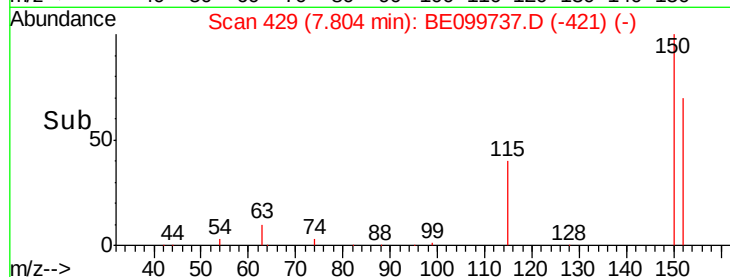
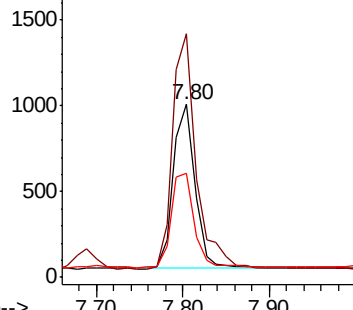
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.1	109.2	163.8
115	60.2	43.7	65.5

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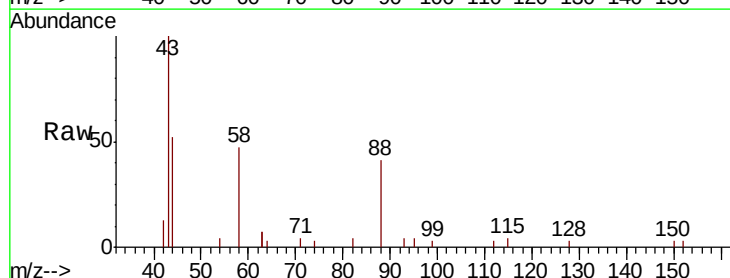
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



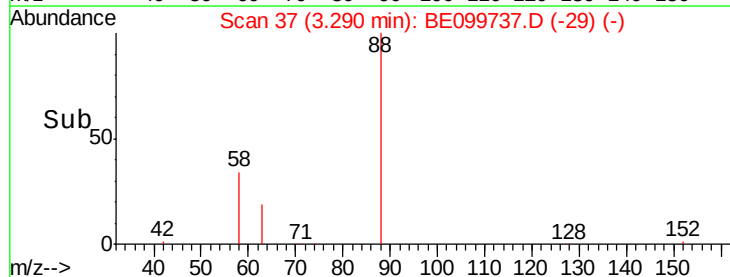
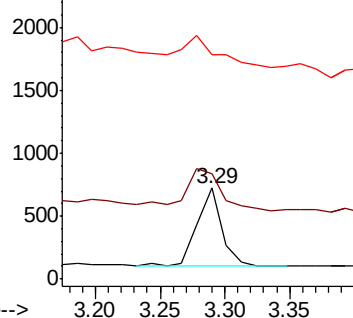
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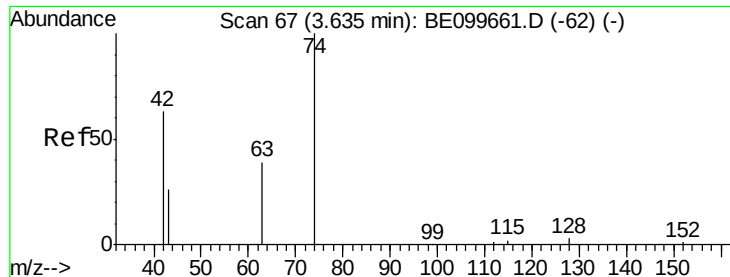
1,4-Dioxane
Concen: 0.323 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	41.8	62.8#
43	54.5	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

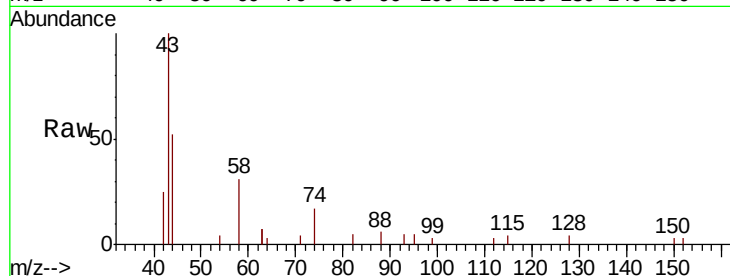
n-Nitrosodimethylamine
Concen: 0.397 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.03 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Instrument :
BNA_E
ClientSampled :
PB119877BS

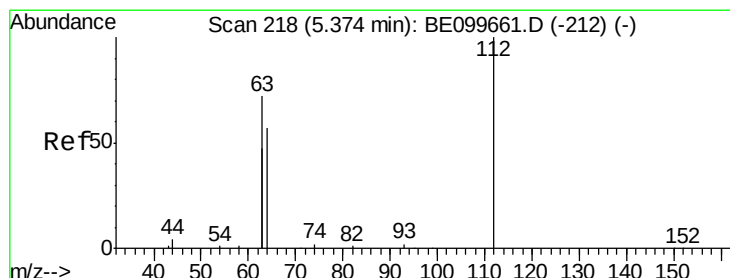
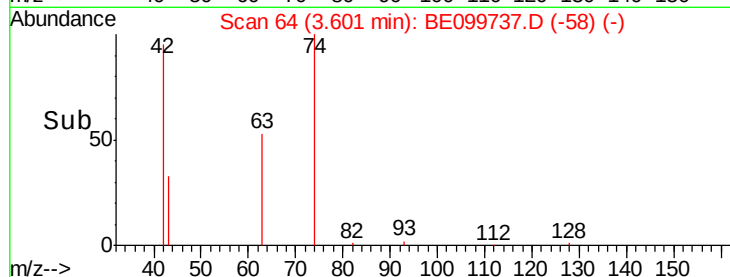
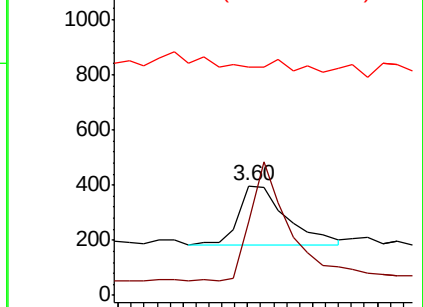
Tot Ion	Ratio	Lower	Upper
42	100		
74	167.1	129.2	193.8
44	0.0	0.0	0.0

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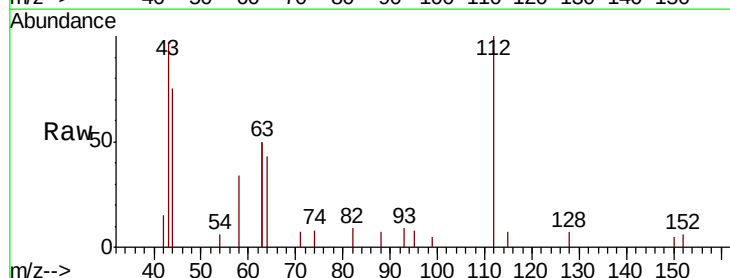
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



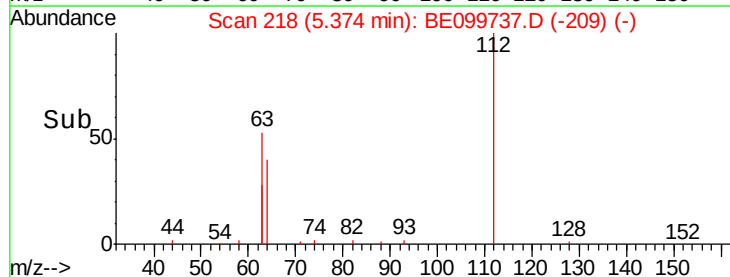
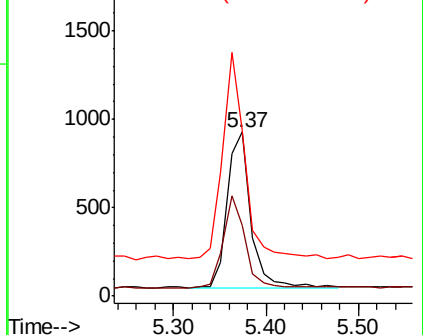
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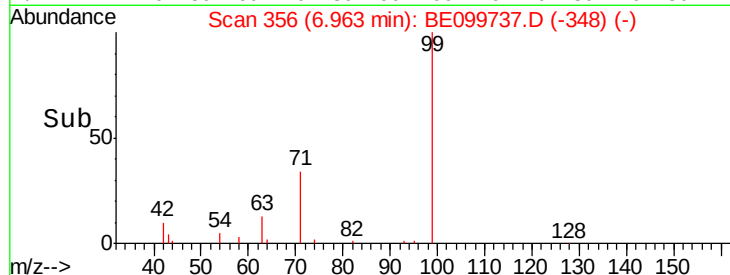
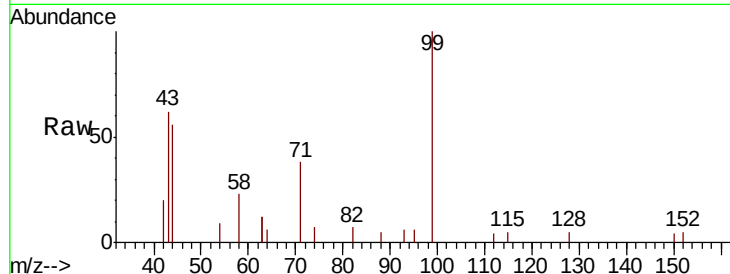
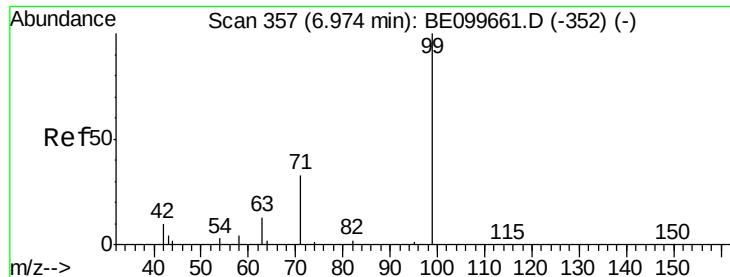
2-Fluorophenol
Concen: 0.367 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	43.4	65.2
63	121.1	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: 0.367 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099737.D

Acq: 24 May 2019 11:59

Tot Ion:	99	Resp:	2093
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.2	18.2
71	37.2	28.9	43.3

Instrument :

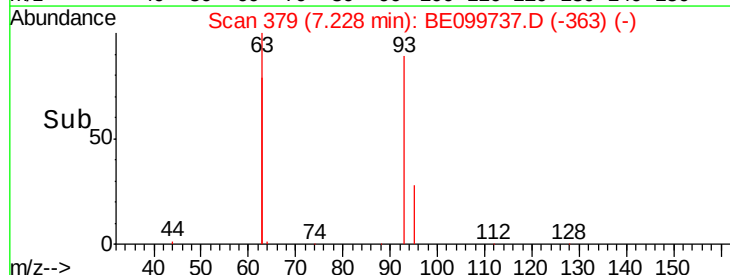
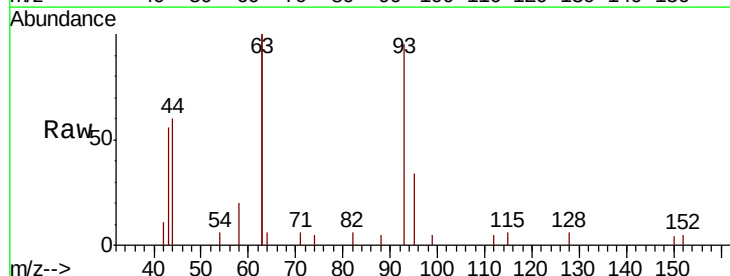
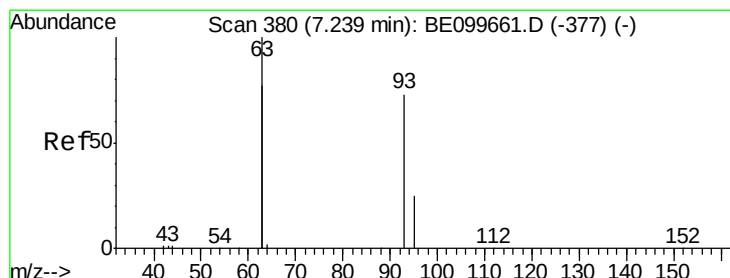
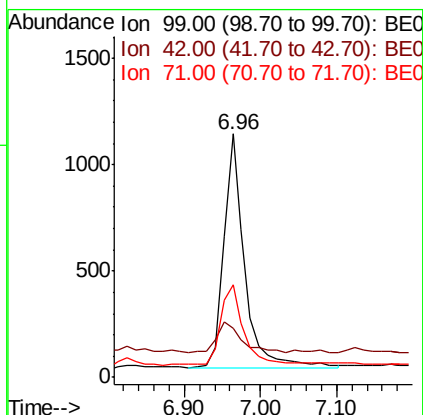
BNA_E

ClientSampleId :

PB119877BS

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#6

bis(2-Chloroethyl)ether

Concen: 0.350 ng

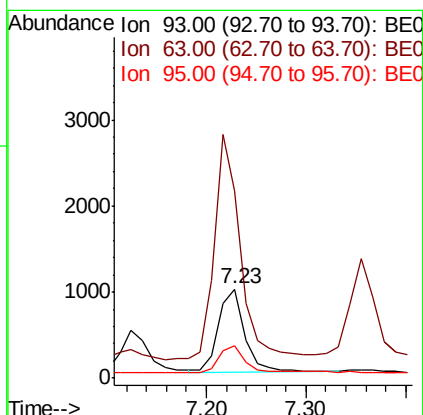
RT: 7.23 min Scan# 379

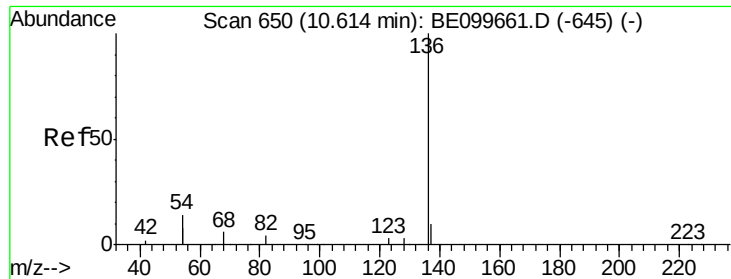
Delta R.T. -0.01 min

Lab File: BE099737.D

Acq: 24 May 2019 11:59

Tgt Ion:	93	Resp:	1775
Ion	Ratio	Lower	Upper
93	100		
63	268.1	207.8	311.6
95	36.1	25.9	38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099737.D

Acq: 24 May 2019 11:59

Instrument :

BNA_E

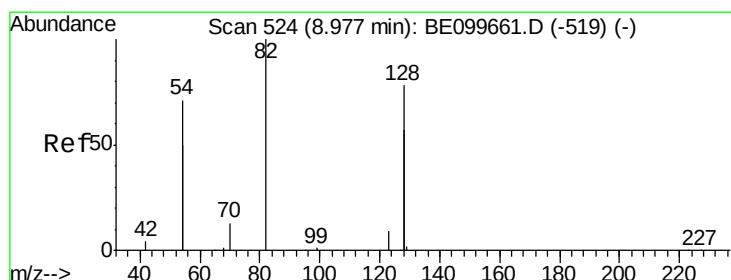
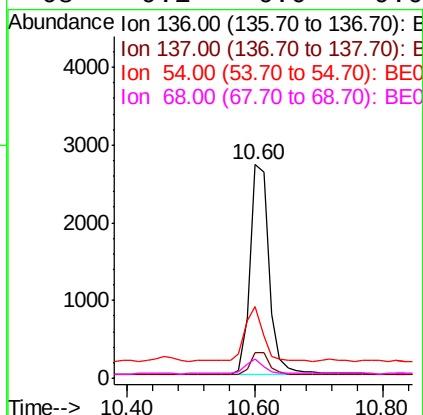
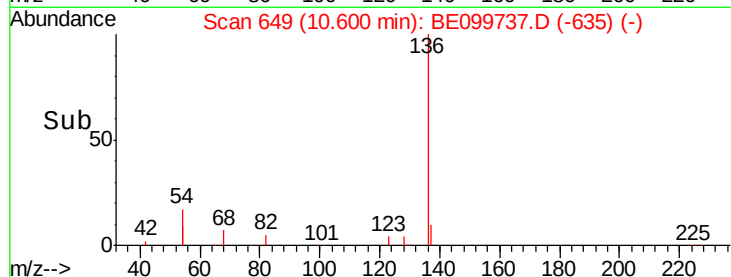
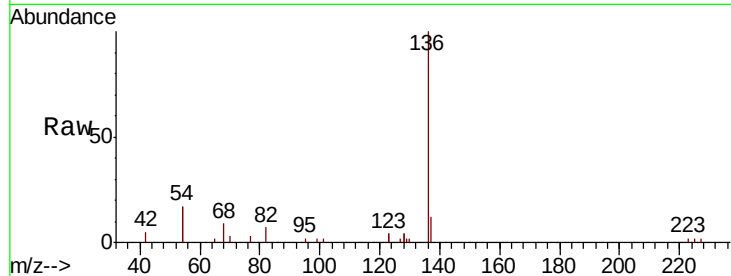
ClientSampleId :

PB119877BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	33.3	22.3	33.5
68	9.1	6.0	9.0#

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#8

Nitrobenzene-d5

Concen: 0.363 ng

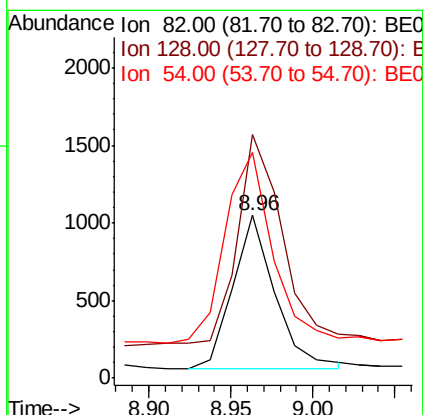
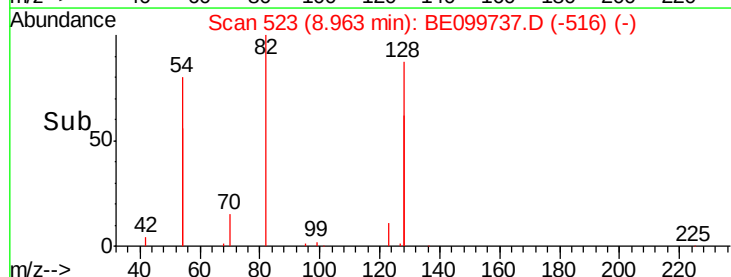
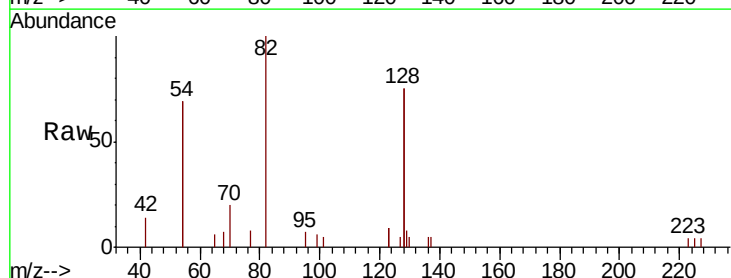
RT: 8.96 min Scan# 523

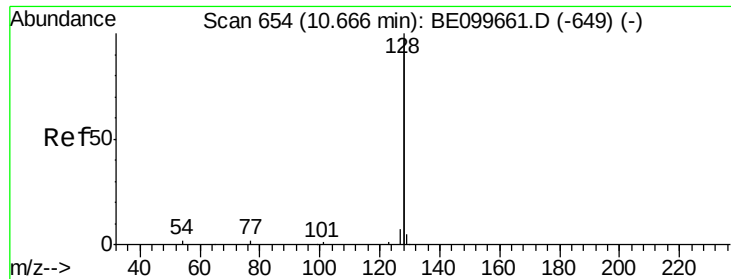
Delta R.T. -0.01 min

Lab File: BE099737.D

Acq: 24 May 2019 11:59

Tgt Ion	Ratio	Lower	Upper
82	100		
128	149.7	117.7	176.5
54	138.6	106.6	160.0





#9

Naphthalene

Concen: 0.358 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099737.D

Acq: 24 May 2019 11:59

Instrument :

BNA_E

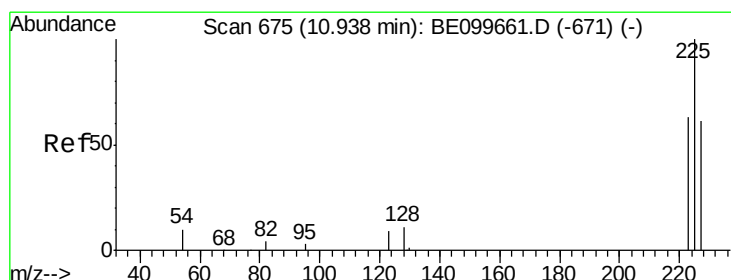
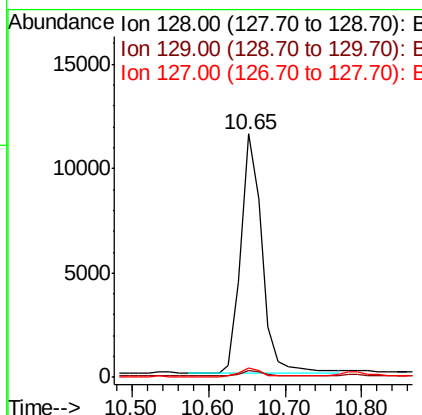
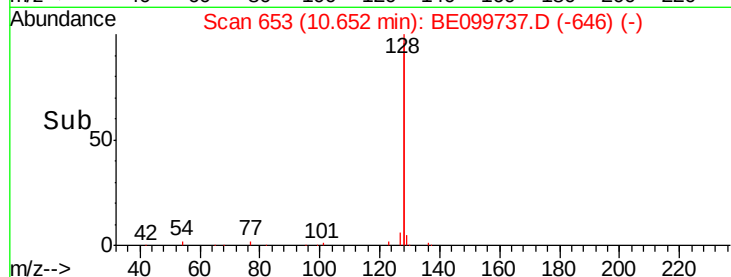
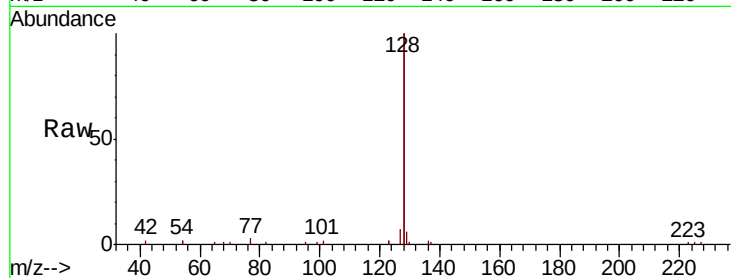
ClientSampleId :

PB119877BS

Tot Ion:	128	Resp:	21968
Ion Ratio	Lower	Upper	
128	100		
129	2.9	2.4	3.6
127	3.6	2.9	4.3

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#10

Hexachlorobutadiene

Concen: 0.343 ng

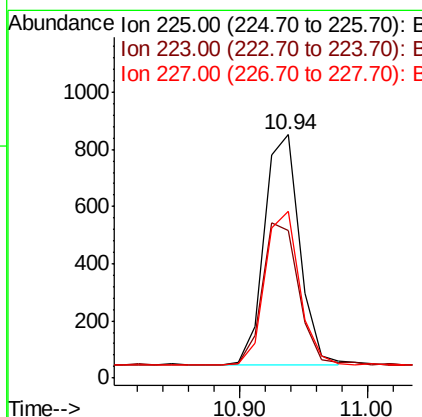
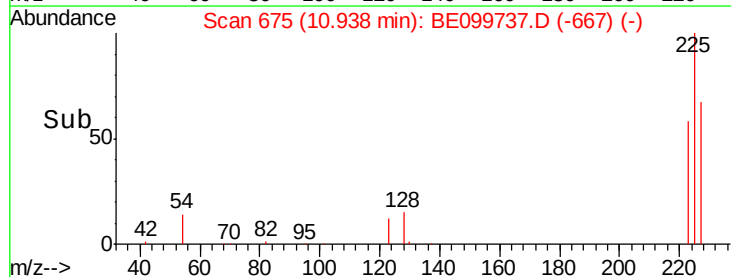
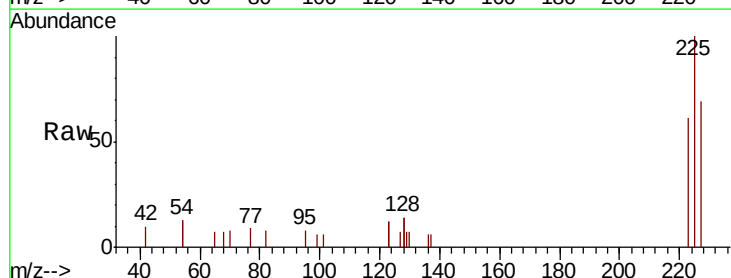
RT: 10.94 min Scan# 675

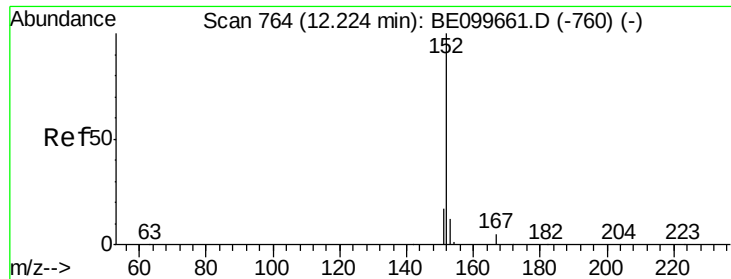
Delta R.T. -0.00 min

Lab File: BE099737.D

Acq: 24 May 2019 11:59

Tgt Ion:	225	Resp:	1552
Ion Ratio	Lower	Upper	
225	100		
223	63.5	51.8	77.6
227	65.6	52.6	79.0





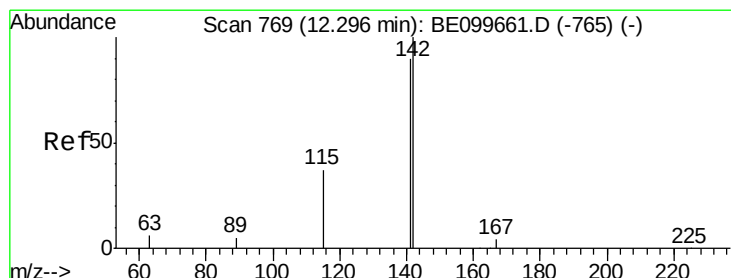
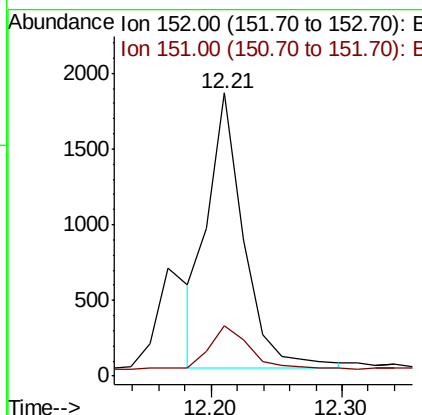
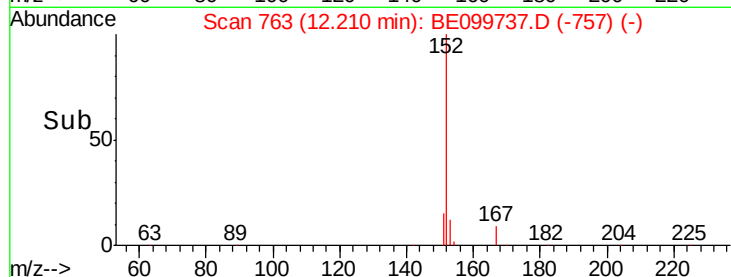
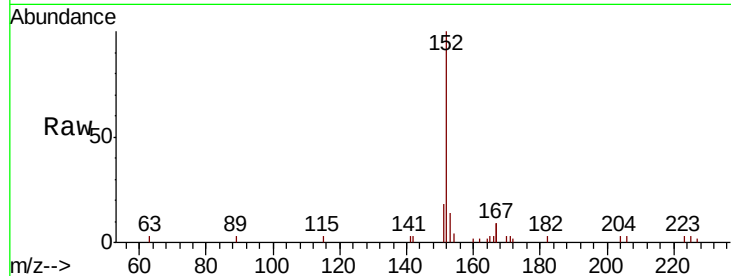
#11
 2-Methylnaphthalene-d10
 Concen: 0.351 ng m
 RT: 12.21 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BE099737.D
 Acq: 24 May 2019 11:59

Instrument :
 BNA_E
 ClientSampleId :
 PB119877BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.0	22.4

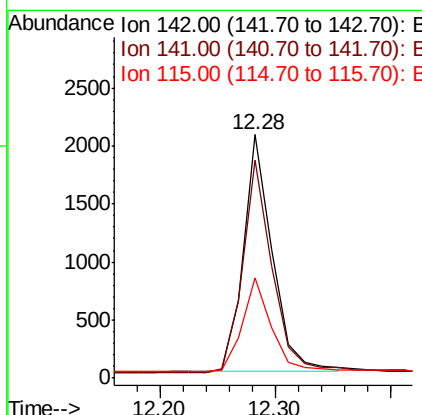
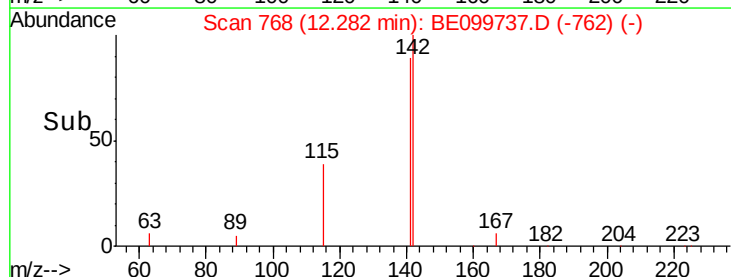
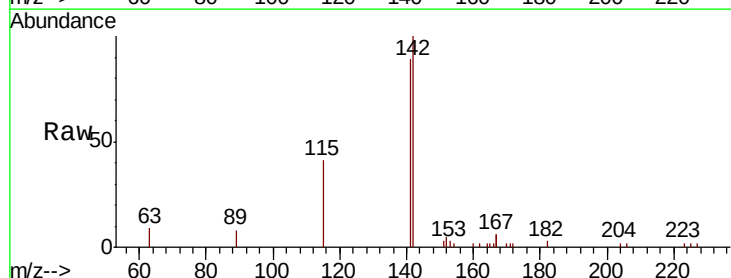
Manual Integrations
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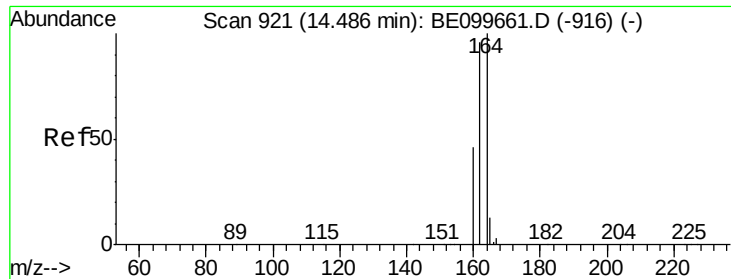
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#12
 2-Methylnaphthalene
 Concen: 0.357 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE099737.D
 Acq: 24 May 2019 11:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.0	108.0
115	41.2	31.0	46.4





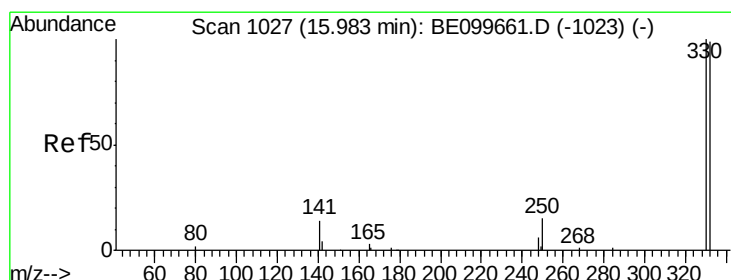
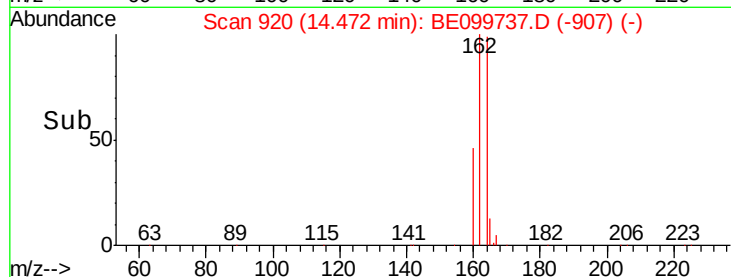
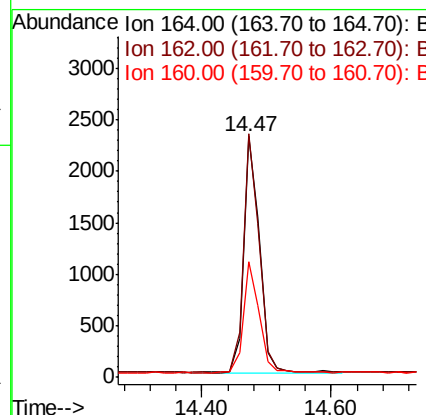
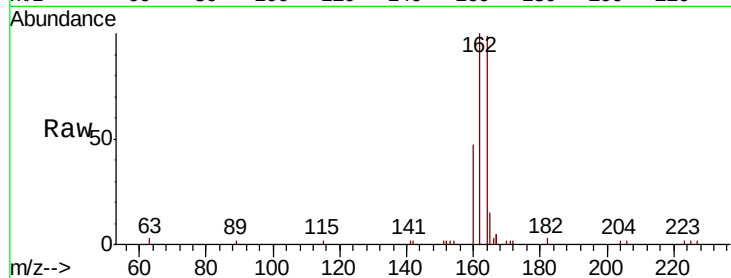
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BE099737.D
 Acq: 24 May 2019 11:59

Instrument :
 BNA_E
 ClientSampleId :
 PB119877BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	76.5	114.7
160	47.7	37.4	56.2

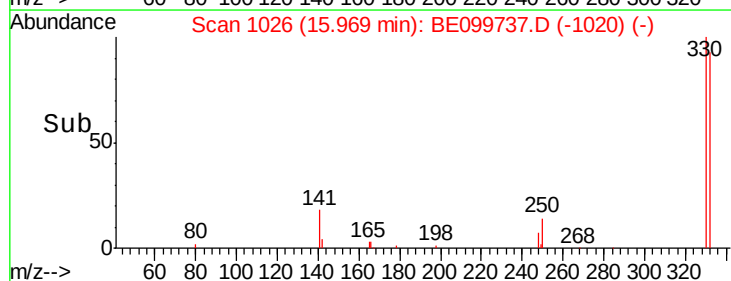
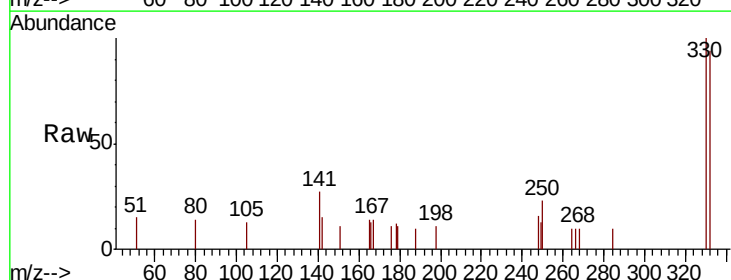
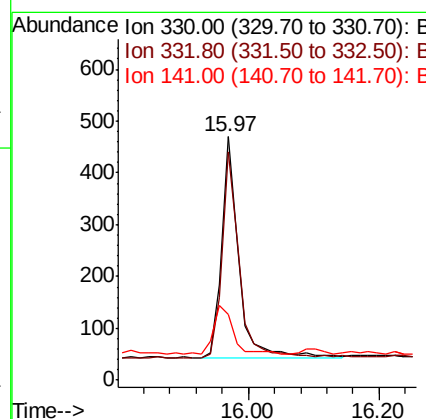
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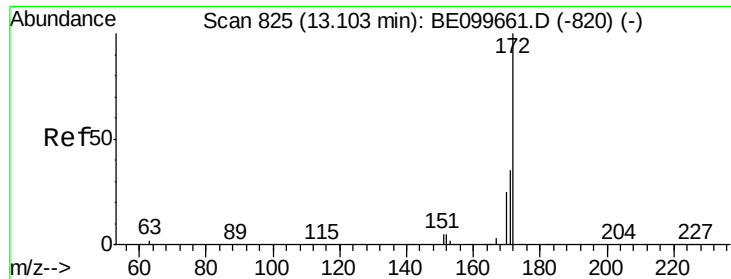
mohammad
 5/27/2019 4:01:14 AM



#14
 2,4,6-Tribromophenol
 Concen: 0.393 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099737.D
 Acq: 24 May 2019 11:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.6	77.3	115.9
141	24.4	18.9	28.3





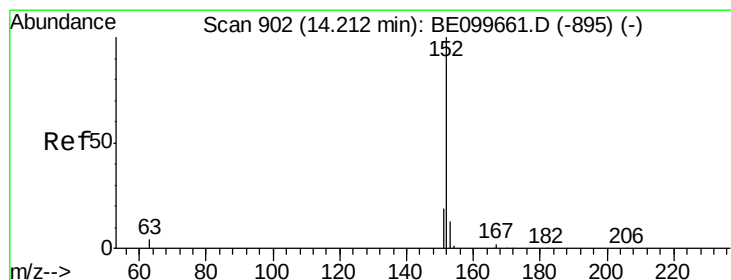
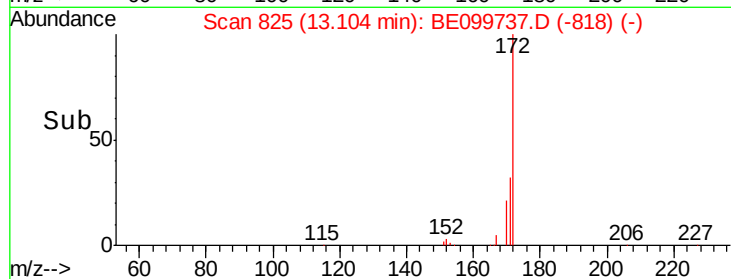
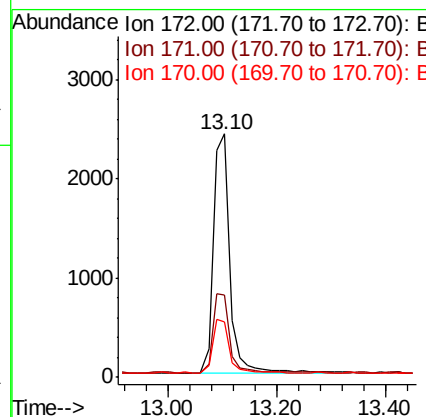
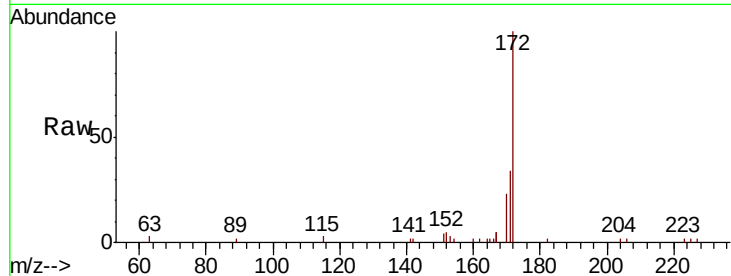
#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Instrument :
BNA_E
ClientSampleId :
PB119877BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.7	43.1
170	22.7	20.9	31.3

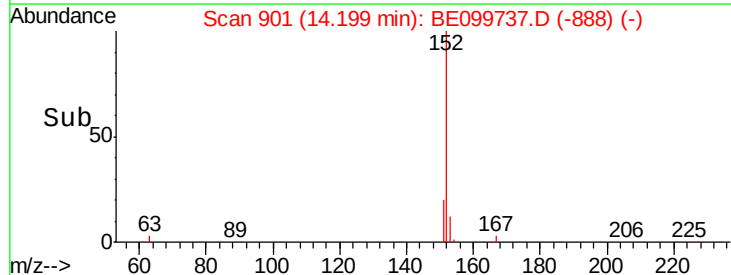
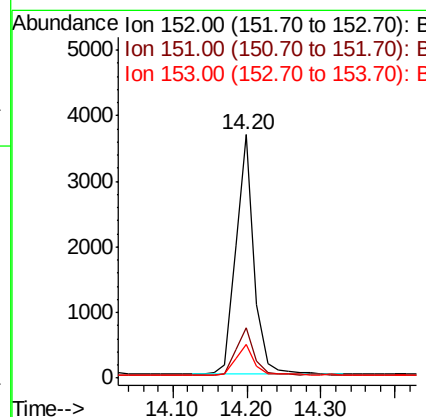
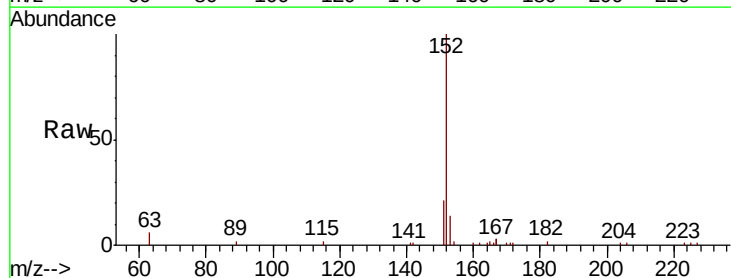
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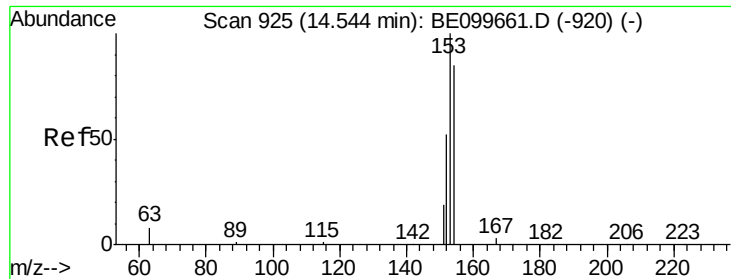
mohammad
5/27/2019 4:01:14 AM



#16
Acenaphthylene
Concen: 0.347 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	12.5	10.6	16.0





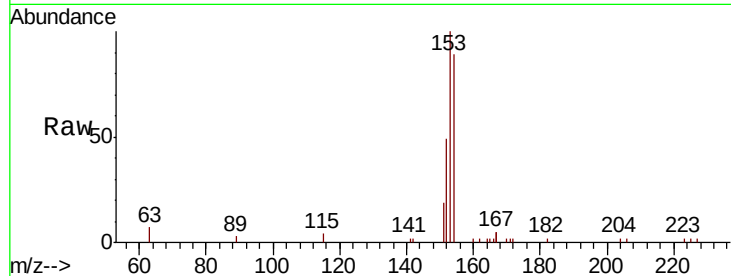
#17
Acenaphthene
Concen: 0.348 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Instrument :
BNA_E
ClientSampleId :
PB119877BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.8	137.6
152	57.9	46.0	69.0

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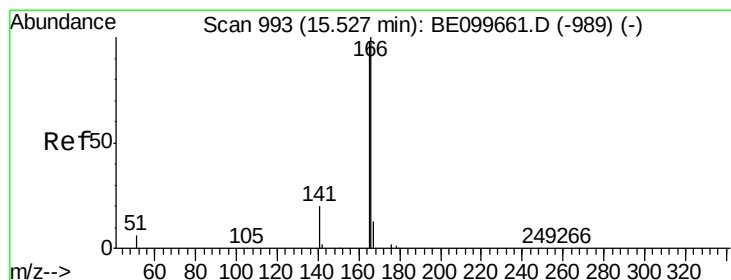
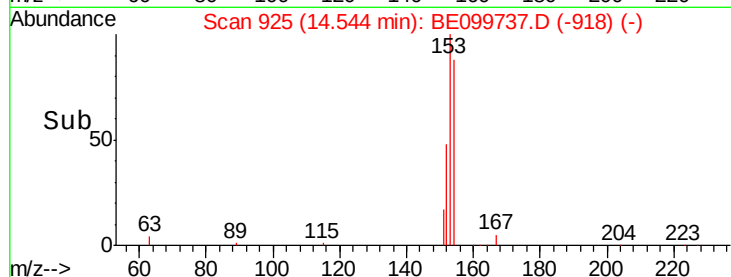
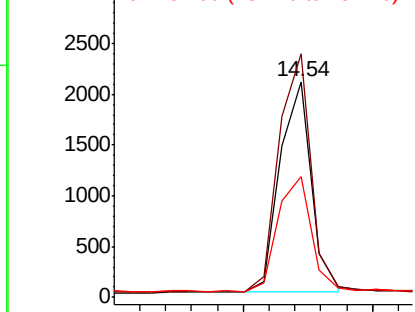


Abundance

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: 0.339 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

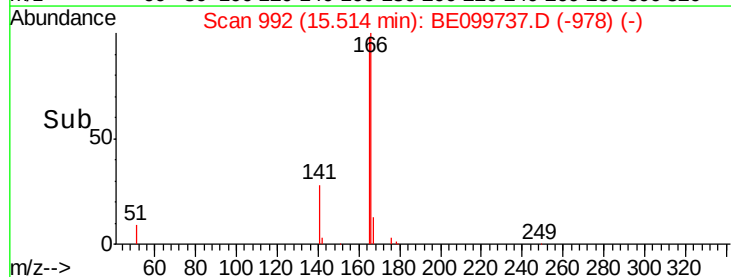
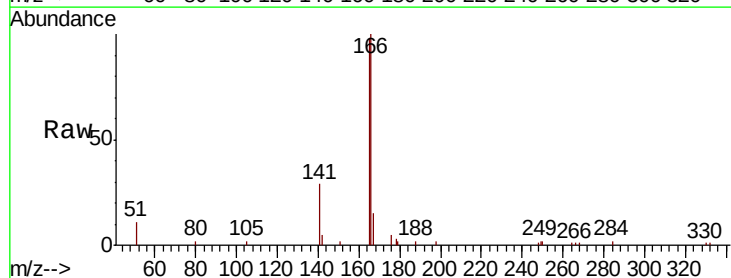
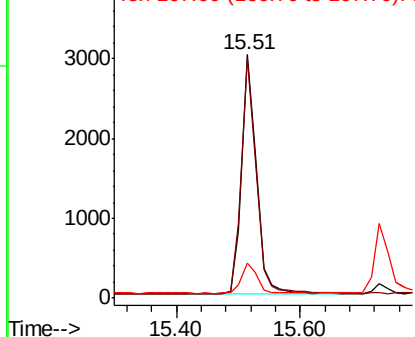
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.3	120.5
167	14.0	10.6	16.0

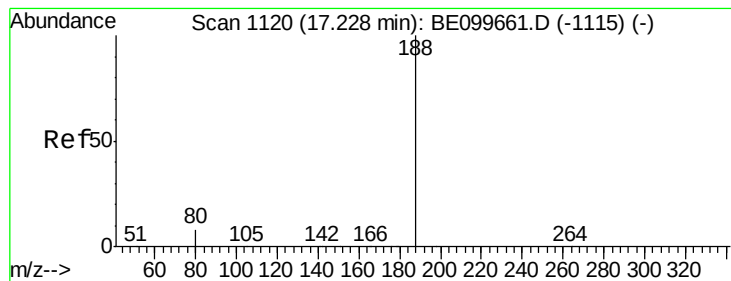
Abundance

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: BE099737.D

Acq: 24 May 2019 11:59

Instrument :

BNA_E

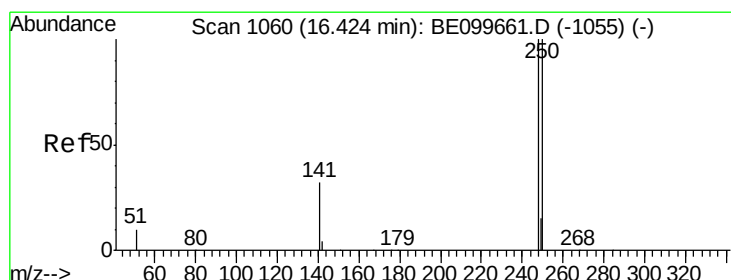
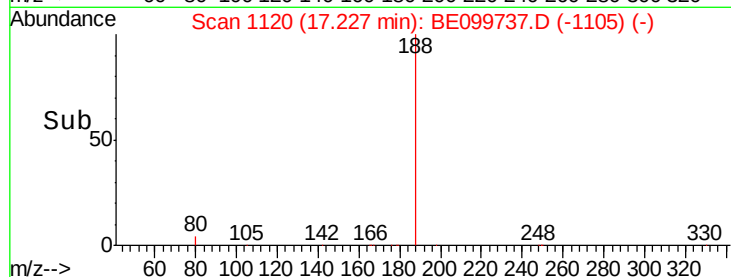
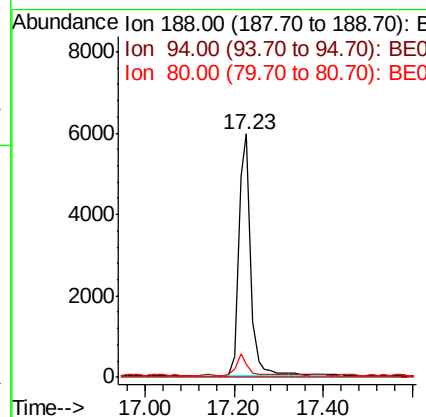
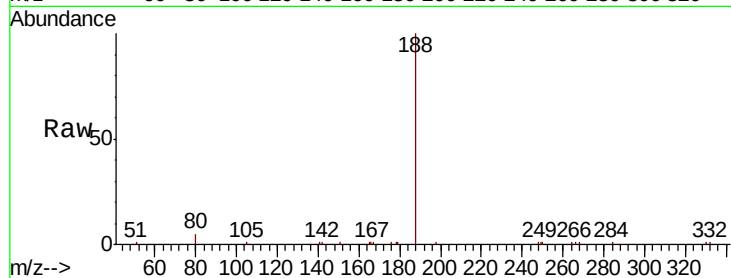
ClientSampleId :

PB119877BS

Tot Ion:	188	Resp:	11018
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	5.3	6.7	10.1#

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#20

4-Bromophenyl-phenylether

Concen: 0.346 ng

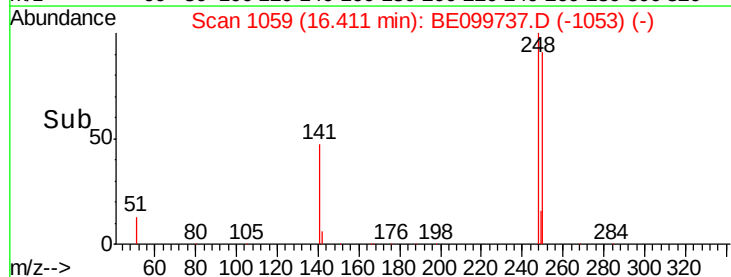
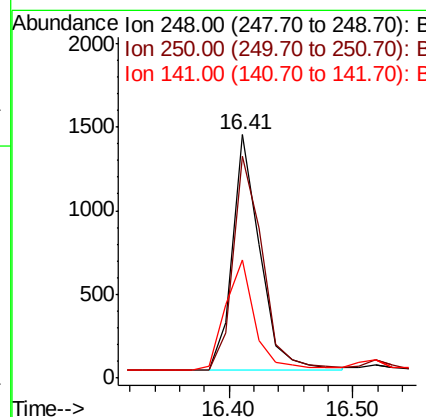
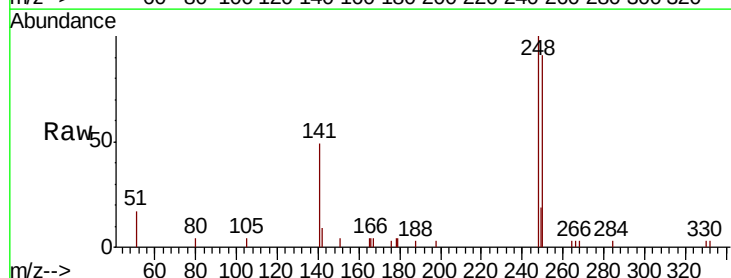
RT: 16.41 min Scan# 1059

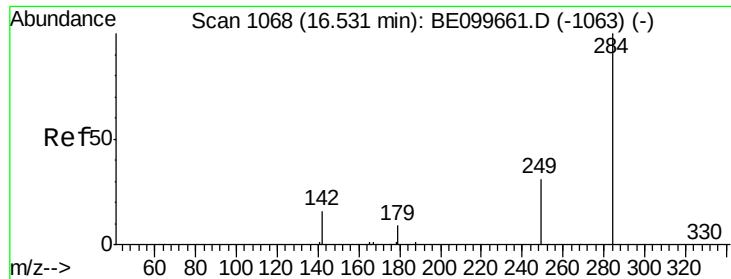
Delta R.T. -0.01 min

Lab File: BE099737.D

Acq: 24 May 2019 11:59

Tgt Ion:	248	Resp:	2197
Ion Ratio	Lower	Upper	
248	100		
250	91.3	79.8	119.8
141	48.6	27.0	40.6#





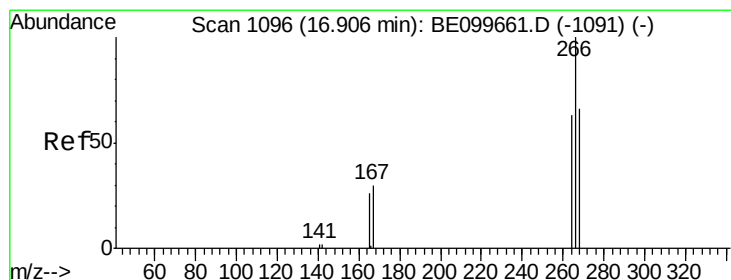
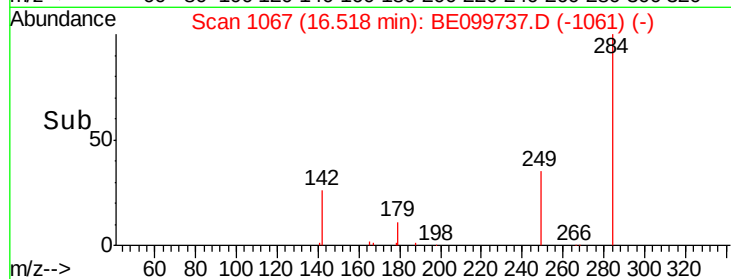
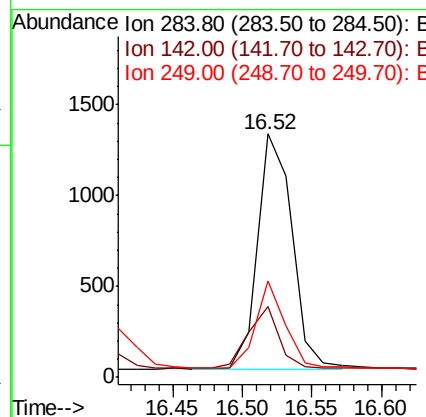
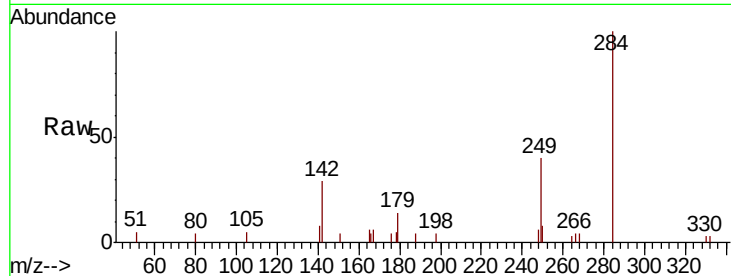
#21
Hexachlorobenzene
Concen: 0.343 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Instrument :
BNA_E
ClientSampleId :
PB119877BS

Tot Ion:	284	Resp:	2231
Ion Ratio	Lower	Upper	
284	100		
142	22.8	17.8	26.6
249	30.9	24.8	37.2

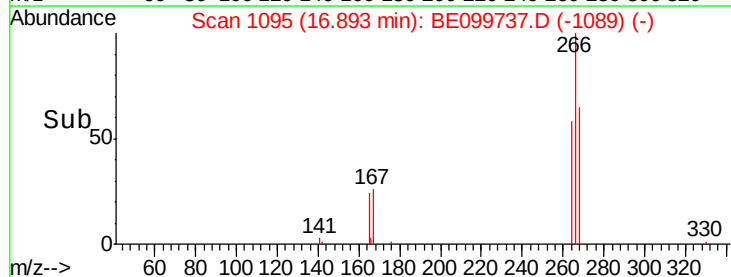
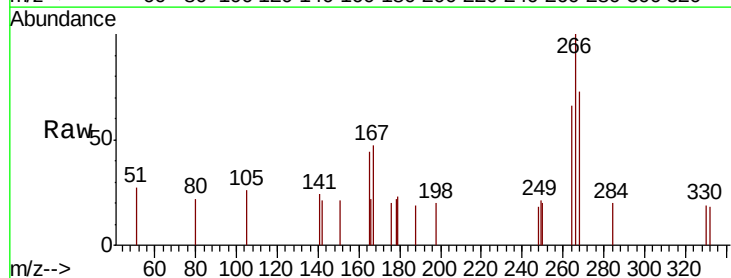
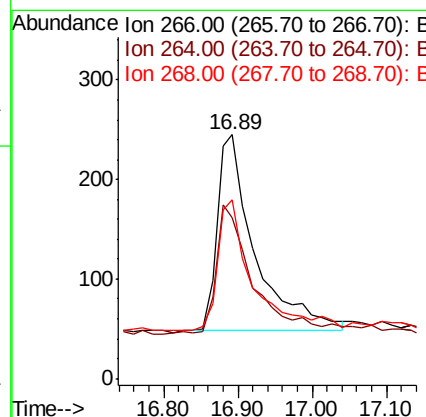
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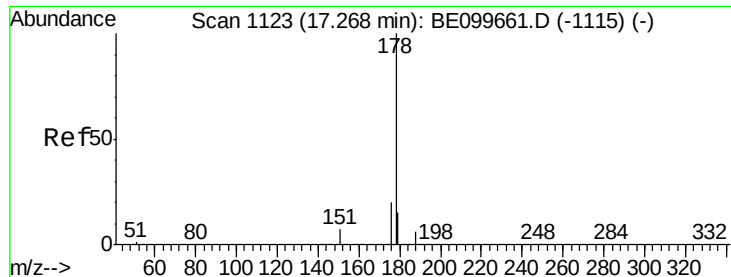
mohammad
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#22
Pentachlorophenol
Concen: 0.525 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Tgt Ion:	266	Resp:	700
Ion Ratio	Lower	Upper	
266	100		
264	65.7	57.2	85.8
268	73.1	60.5	90.7





#23

Phenanthrene

Concen: 0.347 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099737.D

Acq: 24 May 2019 11:59

Instrument :

BNA_E

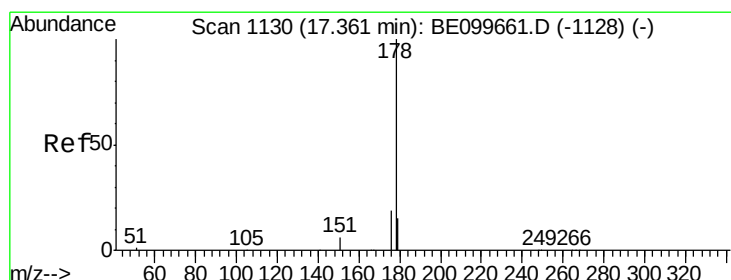
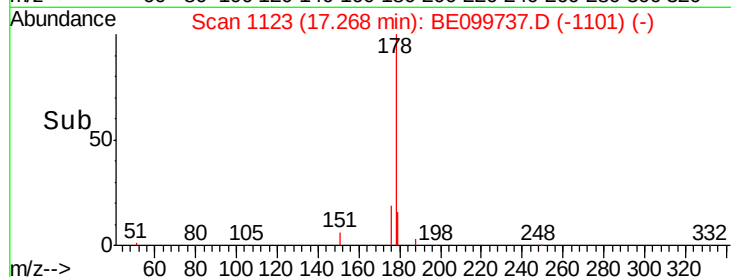
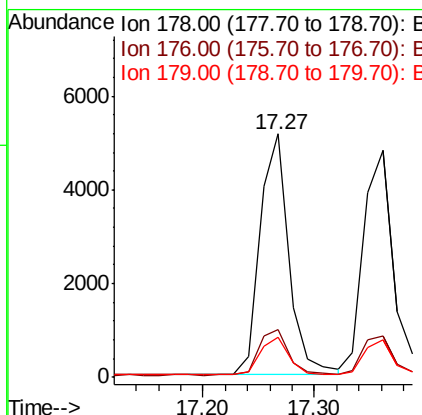
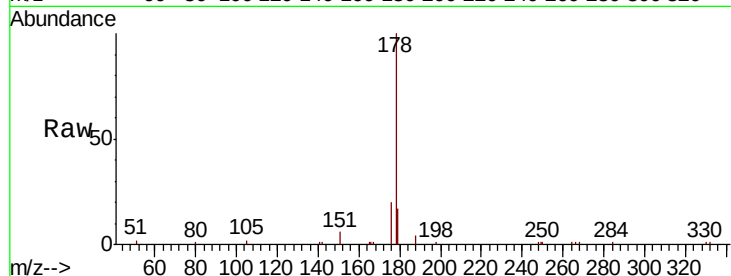
ClientSampleId :

PB119877BS

Tot Ion:178	Resp:	9340
Ion Ratio	Lower	Upper
178	100	
176	19.6	15.6 23.4
179	15.7	12.2 18.4

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#24

Anthracene

Concen: 0.355 ng

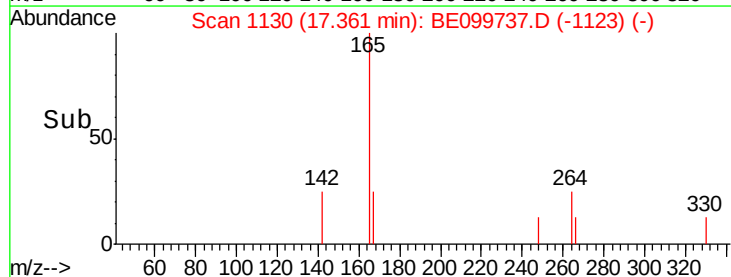
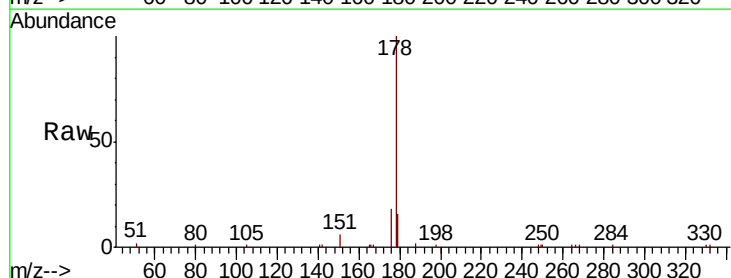
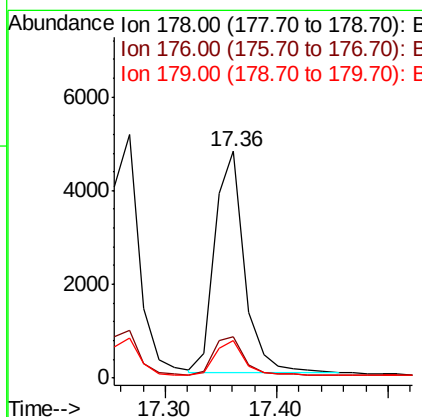
RT: 17.36 min Scan# 1130

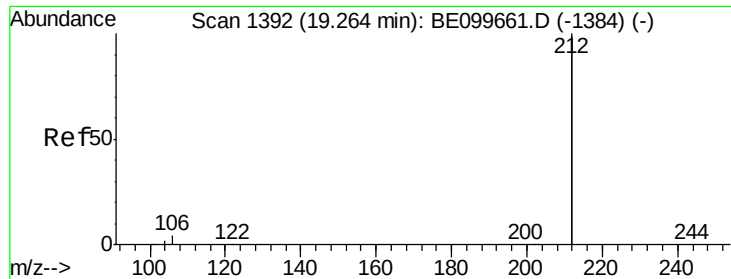
Delta R.T. -0.00 min

Lab File: BE099737.D

Acq: 24 May 2019 11:59

Tgt Ion:178	Resp:	8666
Ion Ratio	Lower	Upper
178	100	
176	18.3	14.7 22.1
179	15.7	12.0 18.0





#25

Fluoranthene-d10

Concen: 0.328 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BE099737.D

Acq: 24 May 2019 11:59

Instrument :

BNA_E

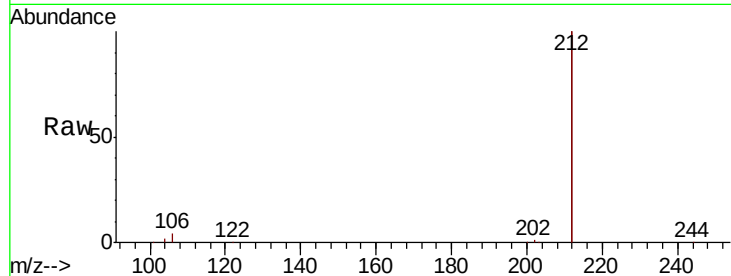
ClientSampleId :

PB119877BS

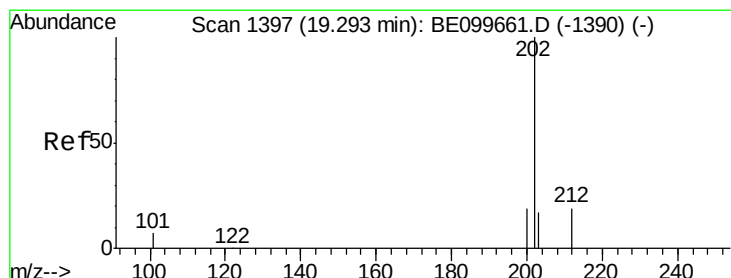
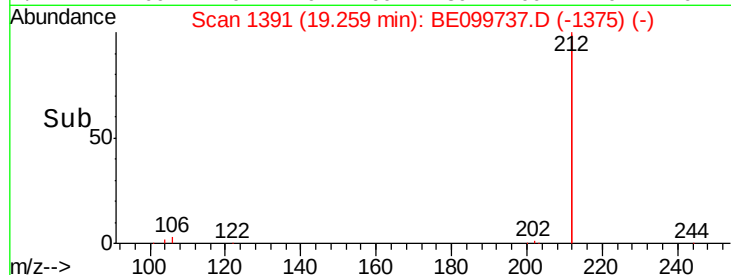
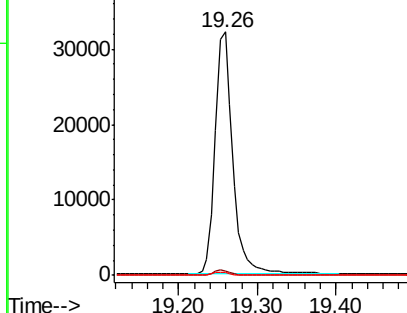
Tot Ion:212	Resp:	49427
Ion Ratio	Lower	Upper
212 100		
106 1.9	1.4	2.2
104 1.0	0.8	1.2

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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: 0.342 ng

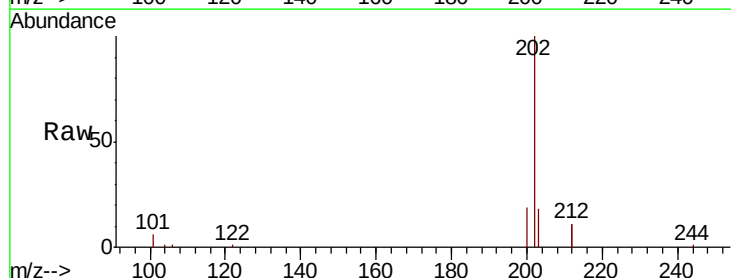
RT: 19.29 min Scan# 1396

Delta R.T. -0.01 min

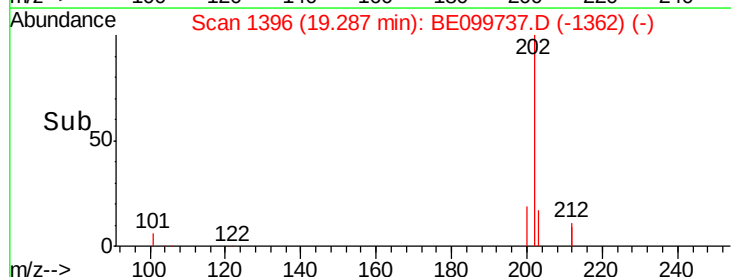
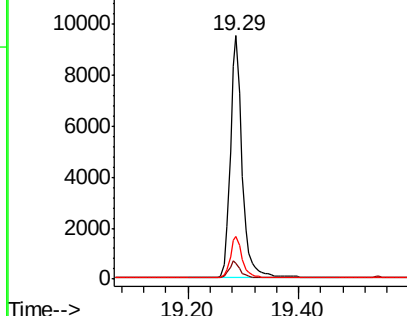
Lab File: BE099737.D

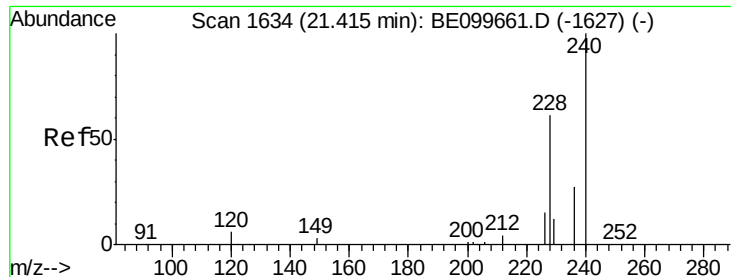
Acq: 24 May 2019 11:59

Tgt Ion:202	Resp:	14543
Ion Ratio	Lower	Upper
202 100		
101 6.5	5.2	7.8
203 16.9	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: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099737.D

Acq: 24 May 2019 11:59

Instrument :

BNA_E

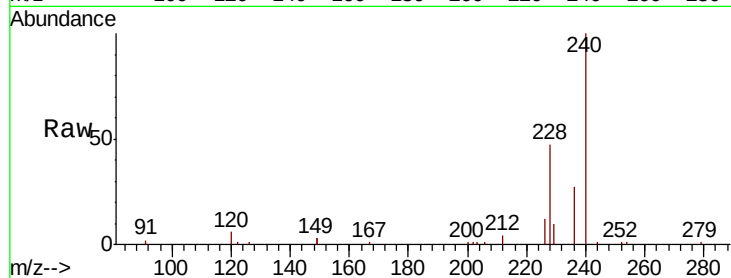
ClientSampleId :

PB119877BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.4	8.0
236	27.5	21.7	32.5

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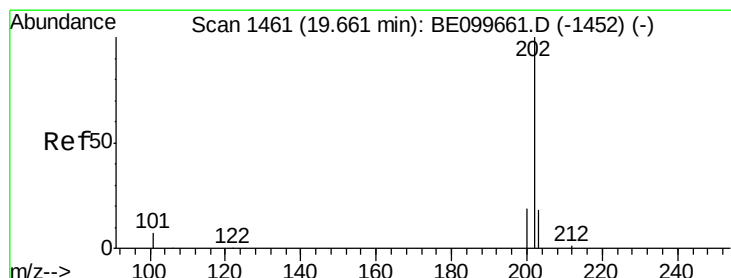
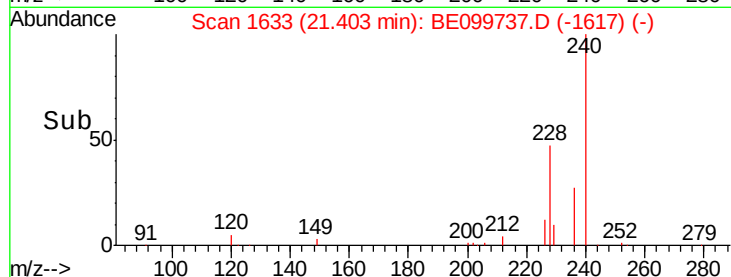
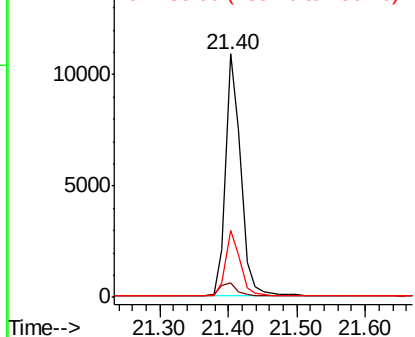


Abundance

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: 0.356 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BE099737.D

Acq: 24 May 2019 11:59

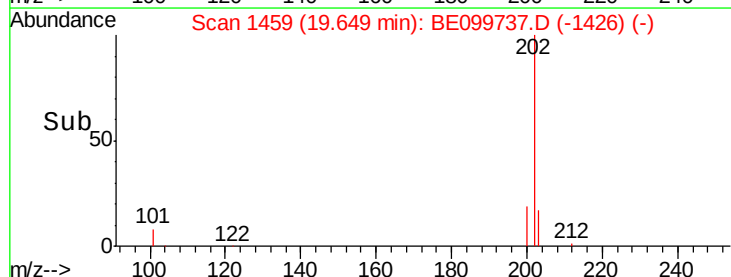
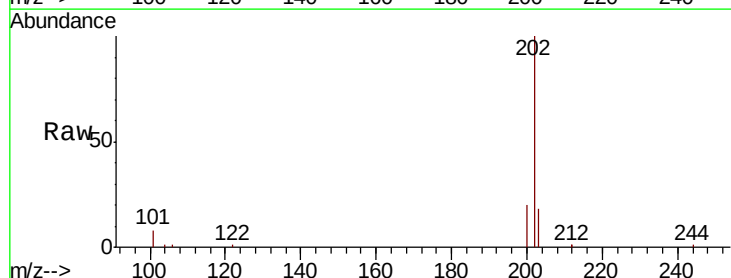
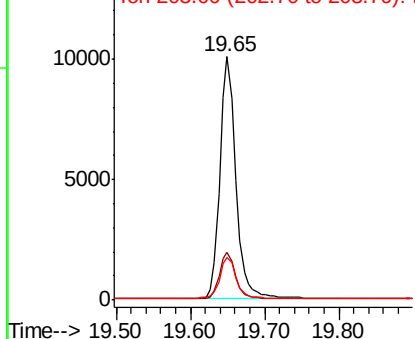
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.4	23.2
203	17.9	13.8	20.8

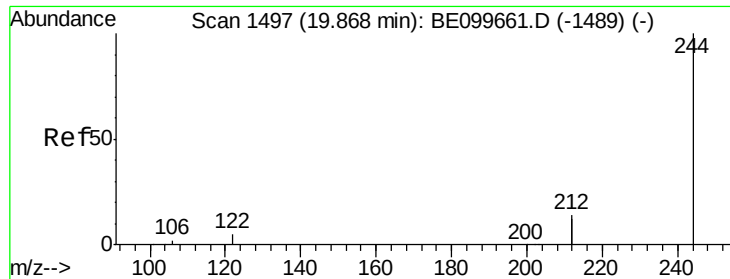
Abundance

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





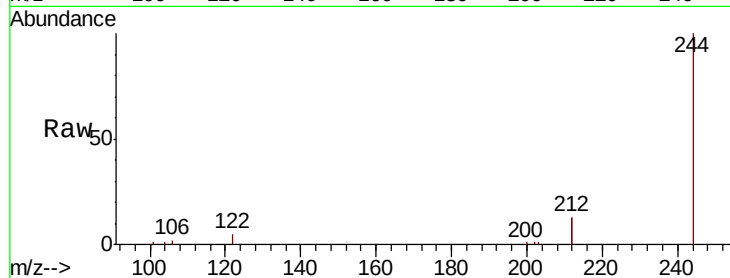
#29
 Terphenyl-d14
 Concen: 0.359 ng
 RT: 19.86 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BE099737.D
 Acq: 24 May 2019 11:59

Instrument :
 BNA_E
 ClientSampleID :
 PB119877BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	26.9	22.5	33.7
122	5.2	4.3	6.5

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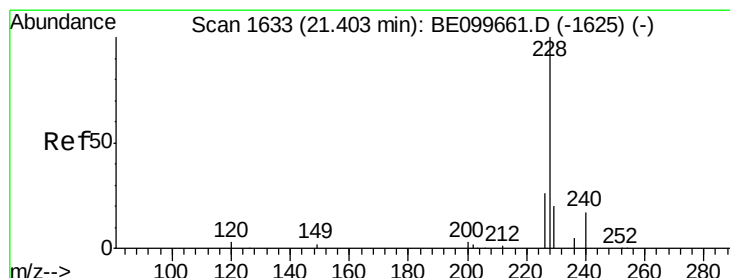
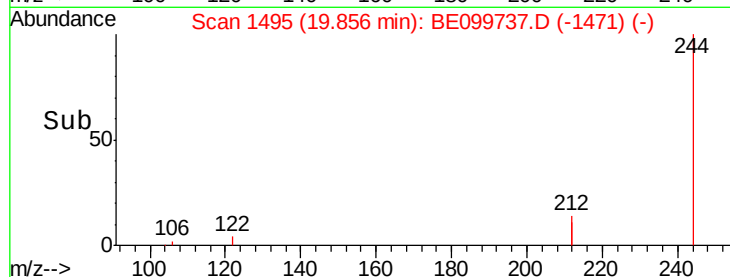
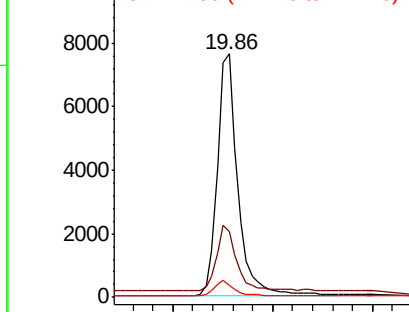


Abundance

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: 0.418 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE099737.D
 Acq: 24 May 2019 11:59

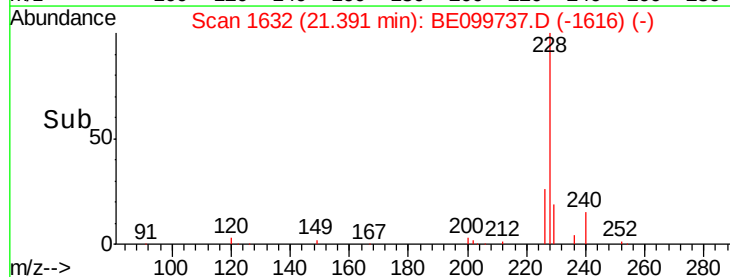
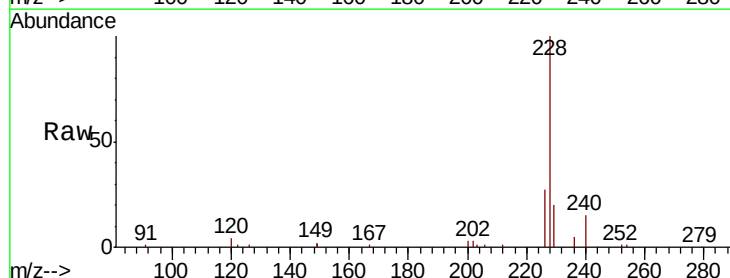
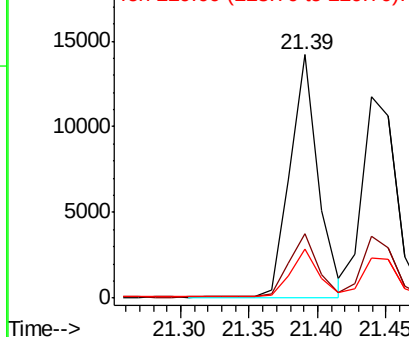
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.9	16.1	24.1

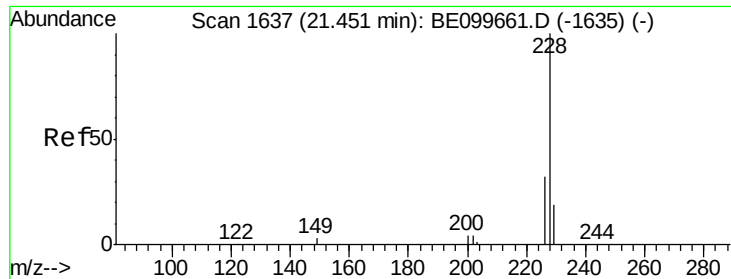
Abundance

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





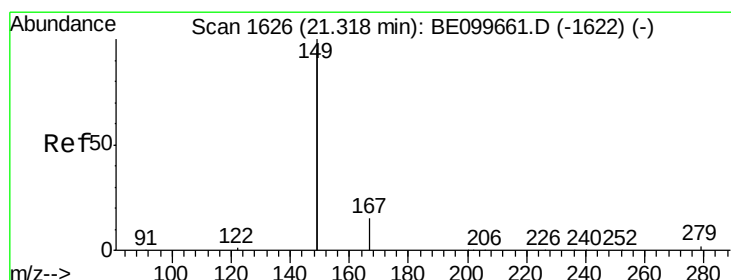
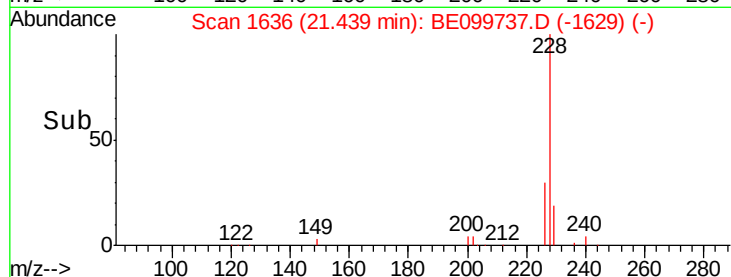
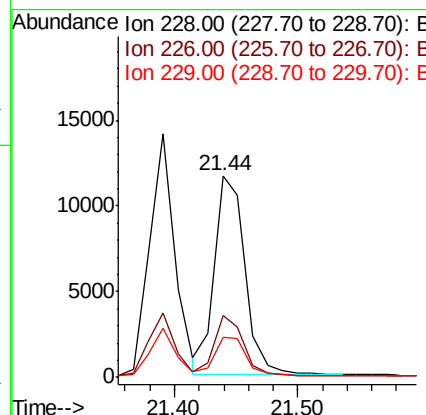
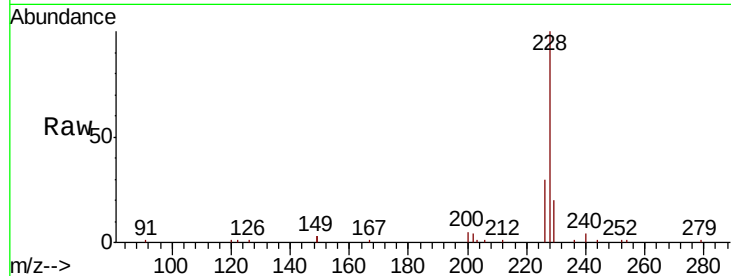
#31
Chrysene
Concen: 0.392 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Instrument :
BNA_E
ClientSampleId :
PB119877BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	20.0	15.8	23.6

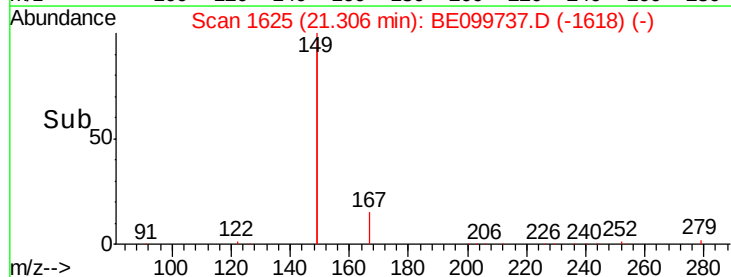
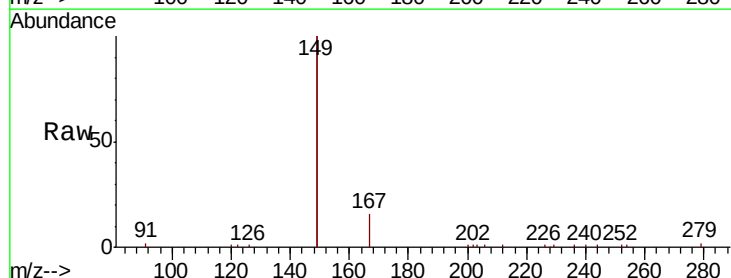
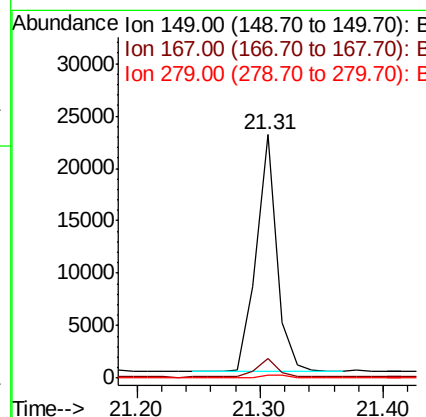
Manual Integrations
APPROVED

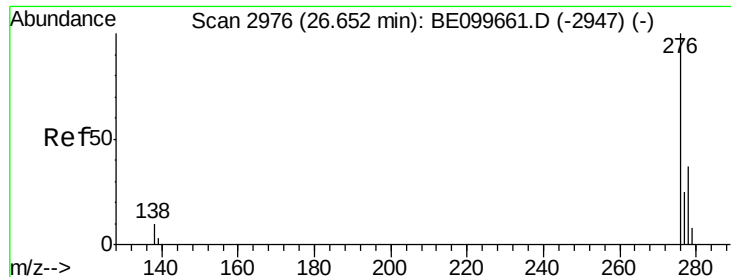
mohammad
5/27/2019 4:01:14 AM



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.482 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.2	9.4
279	1.5	1.2	1.8





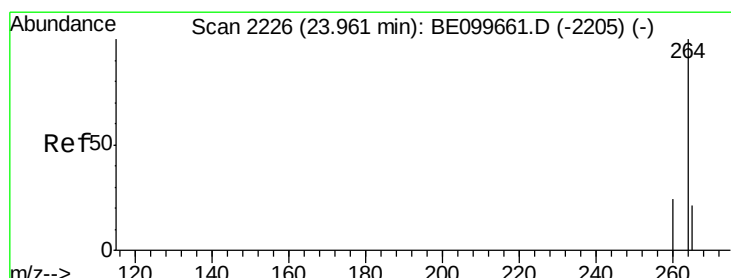
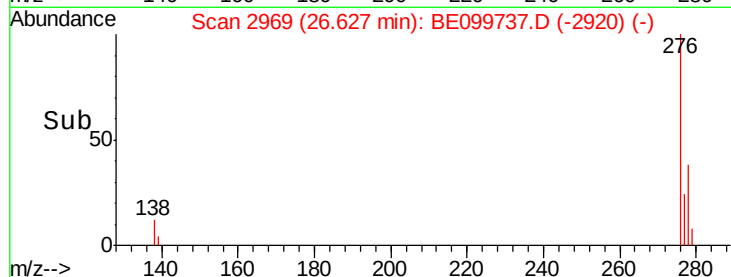
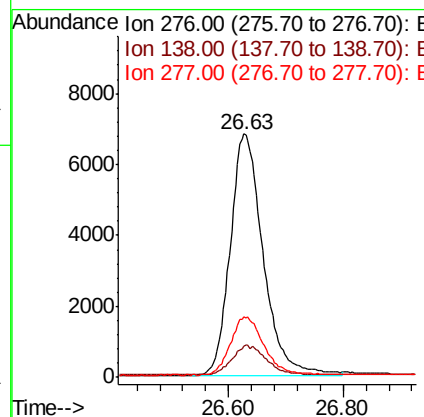
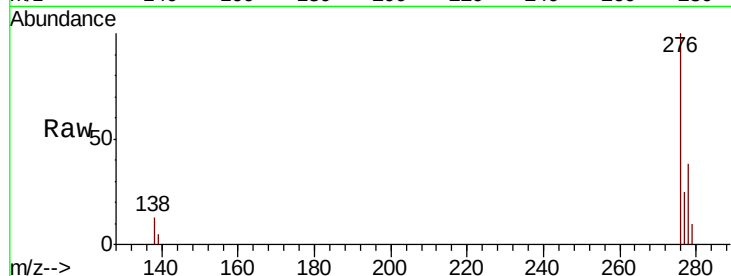
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng
RT: 26.63 min Scan# 2969
Delta R.T. -0.02 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Instrument :
BNA_E
ClientSampleId :
PB119877BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.7	9.6	14.4
277	24.6	19.2	28.8

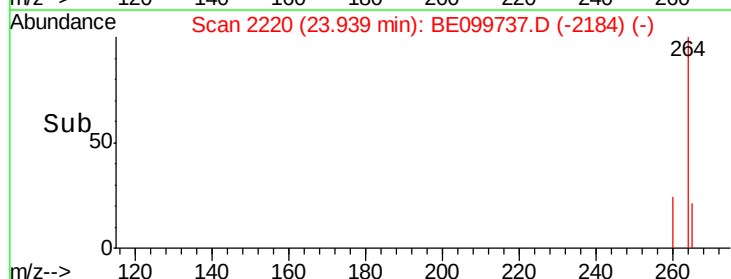
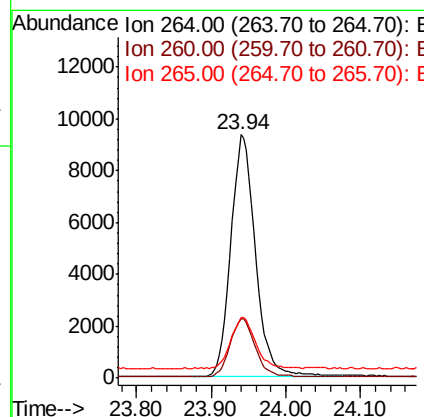
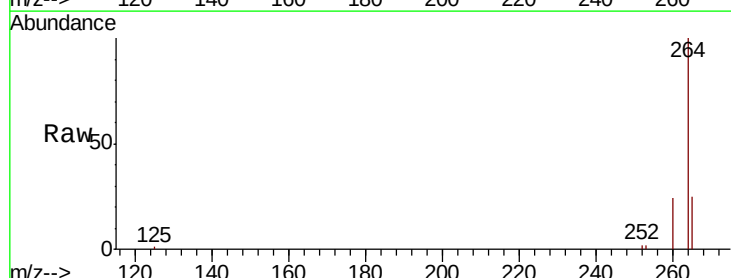
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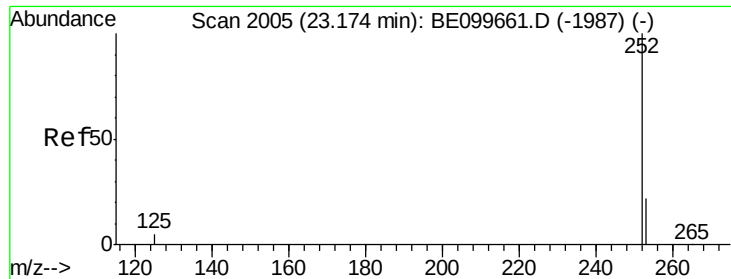
mohammad
5/27/2019 4:01:14 AM



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	24.9	19.1	28.7





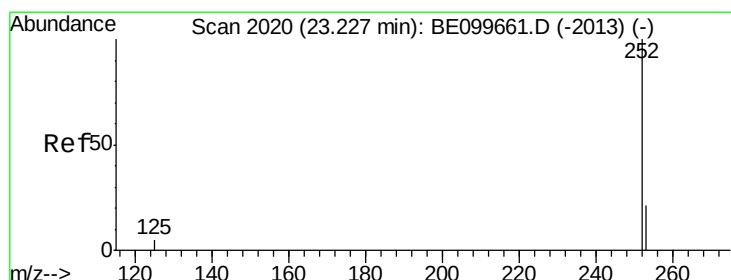
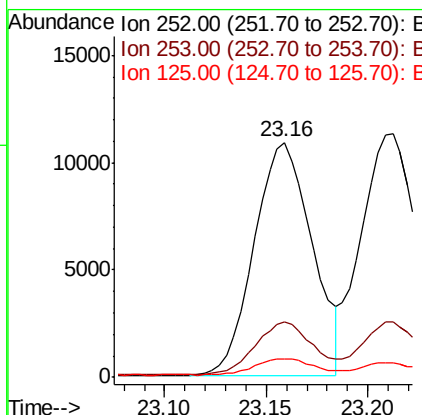
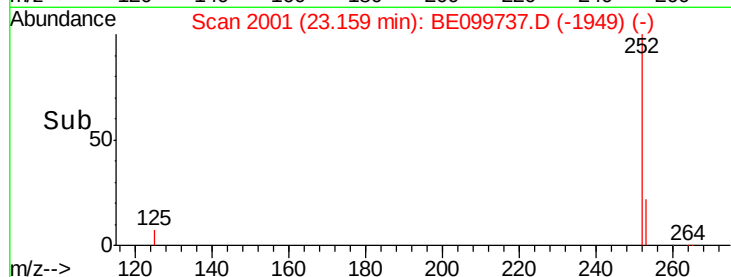
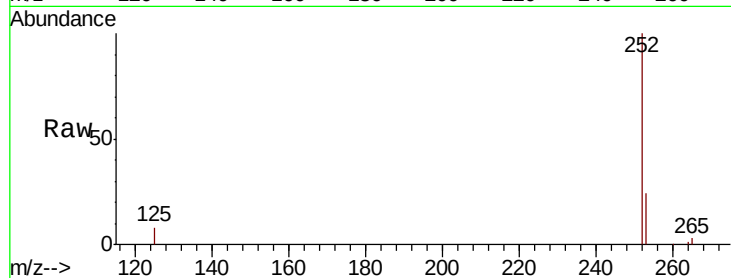
#35
Benzo(b)fluoranthene
Concen: 0.366 ng m
RT: 23.16 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Instrument :
BNA_E
ClientSampleId :
PB119877BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	8.0	4.5	6.7

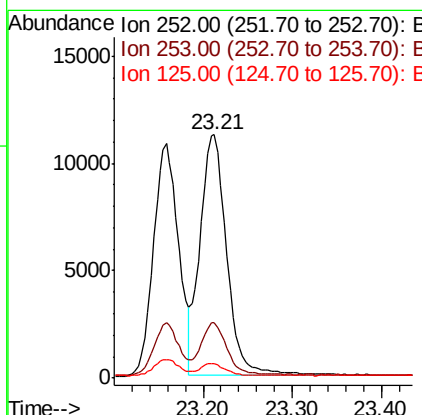
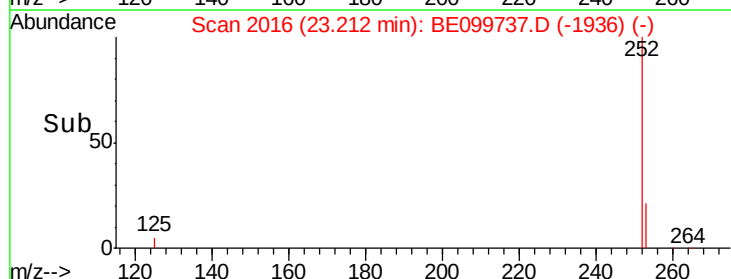
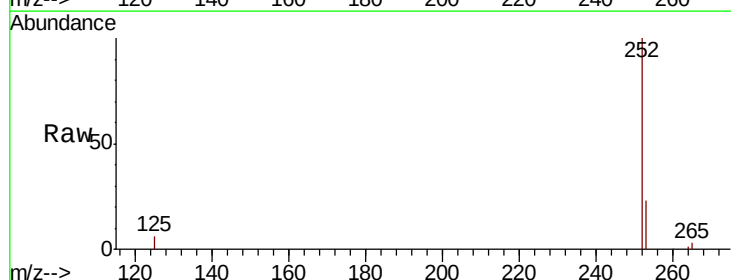
Manual Integrations
APPROVED

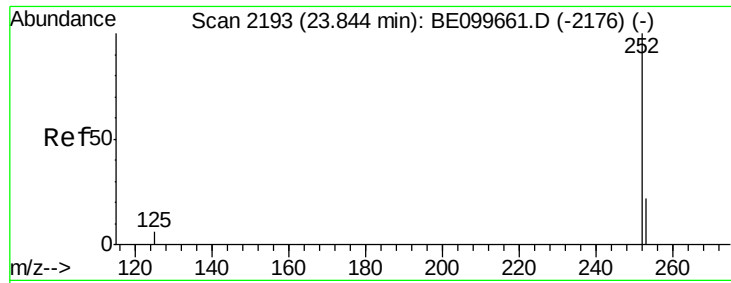
mohammad
5/27/2019 4:01:14 AM



#36
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 23.21 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	5.7	4.6	6.8





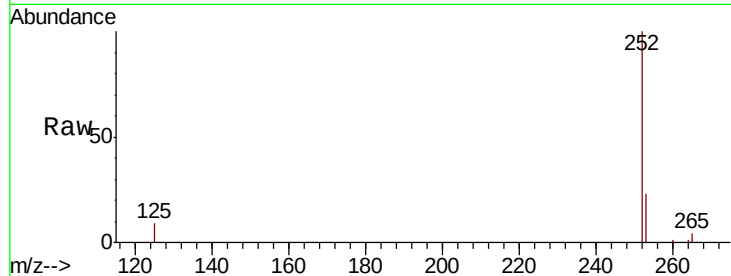
#37
Benzo(a)pyrene
Concen: 0.385 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

Instrument :
BNA_E
ClientSampleId :
PB119877BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	9.1	5.4	8.0

Manual Integrations
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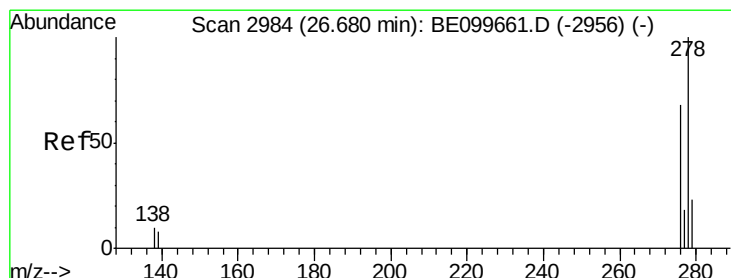
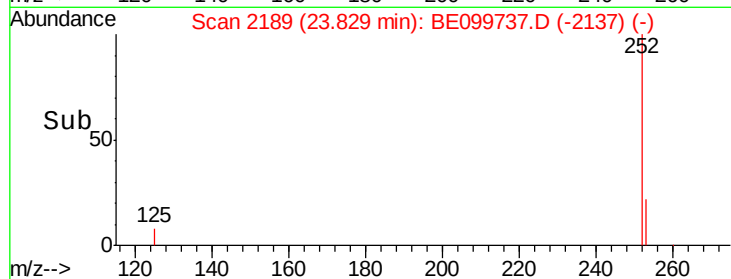
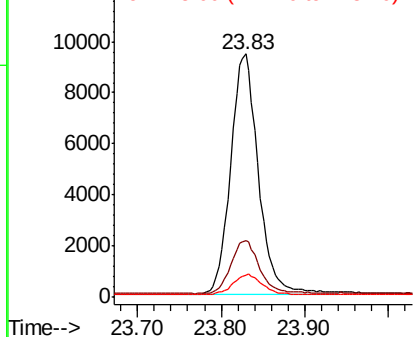


Abundance

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: 0.378 ng
RT: 26.66 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BE099737.D
Acq: 24 May 2019 11:59

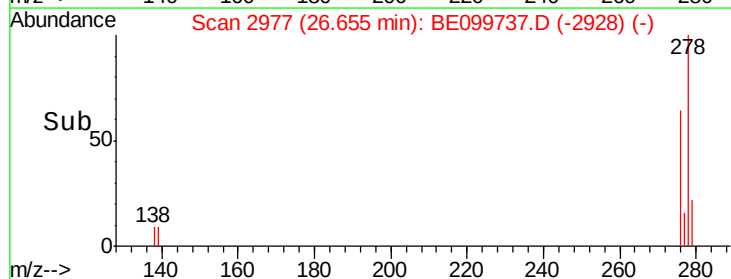
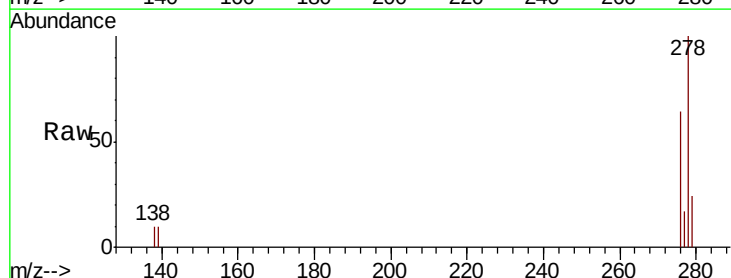
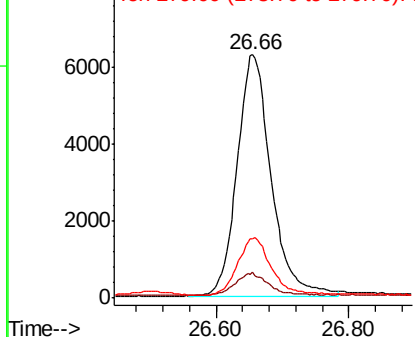
Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.5	6.9	10.3
279	24.1	19.2	28.8

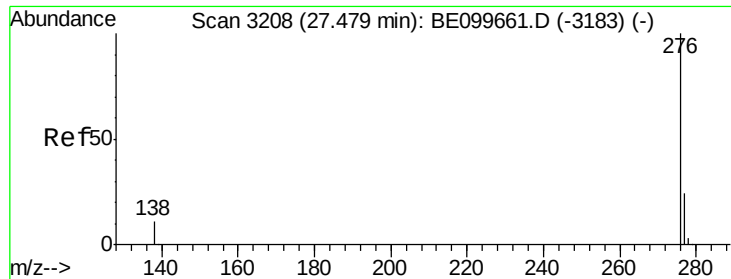
Abundance

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: 0.381 ng

RT: 27.46 min Scan# 3202

Delta R.T. -0.02 min

Lab File: BE099737.D

Acq: 24 May 2019 11:59

Instrument :

BNA_E

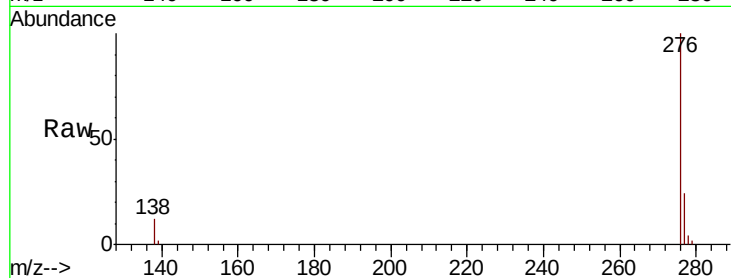
ClientSampleId :

PB119877BS

Tot Ion:	276	Resp:	22751
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.8	29.6
138	11.6	9.2	13.8

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

