

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010820\
 Data File : BE101006.D
 Acq On : 8 Jan 2020 16:29
 Operator : JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Manual Integrations
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 1/9/2020 12:13:04 PM

Quant Time: Jan 08 18:35:44 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jan 08 18:14:32 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3892	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	16553	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	9965	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	21230	0.40	ng	0.00
27) Chrysene-d12	21.27	240	20877	0.40	ng	-0.01
34) Perylene-d12	23.70	264	19707	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.34	112	25831	3.93	ng	0.00
5) Phenol-d6	6.91	99	41230	4.46	ng	-0.01
8) Nitrobenzene-d5	8.86	82	44260	5.58	ng	-0.01
11) 2-Methylnaphthalene-d10	12.09	152	103758	4.27	ng	-0.02
14) 2,4,6-Tribromophenol	15.84	330	11067	5.06	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	124915	3.53	ng	-0.02
25) Fluoranthene-d10	19.13	212	1042575	4.05	ng	0.00
29) Terphenyl-d14	19.73	244	173143	3.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	21550	1.568	ng	91
3) n-Nitrosodimethylamine	3.59	42	17656	5.497	ng	# 89
6) bis(2-Chloroethyl)ether	7.15	93	43081	3.062	ng	95
9) Naphthalene	10.55	128	618629	3.515	ng	100
10) Hexachlorobutadiene	10.85	225	24577	3.160	ng	98
12) 2-Methylnaphthalene	12.17	142	97500	3.656	ng	99
16) Acenaphthylene	14.08	152	153269	4.115	ng	100
17) Acenaphthene	14.43	154	100904	3.729	ng	96
18) Fluorene	15.39	166	129125	3.829	ng	98
20) 4-Bromophenyl-phenylether	16.29	248	37921	4.068	ng	94
21) Hexachlorobenzene	16.41	284	38795	3.524	ng	99
22) Pentachlorophenol	16.75	266	11600	7.055	ng	86
23) Phenanthrene	17.13	178	201934	3.690	ng	99
24) Anthracene	17.23	178	201405	3.640	ng	100
26) Fluoranthene	19.16	202	262186	3.513	ng	100
28) Pyrene	19.52	202	256880	3.517	ng	100
30) Benzo(a)anthracene	21.26	228	213991	4.188	ng	98
31) Chrysene	21.31	228	284811	2.994	ng	97
32) Bis(2-ethylhexyl)phthalate	21.20	149	371832	3.308	ng	99
33) Indeno(1,2,3-cd)pyrene	26.24	276	240461	3.357	ng	# 93
35) Benzo(b)fluoranthene	22.95	252	207249	4.995	ng	97
36) Benzo(k)fluoranthene	23.00	252	277408m	3.527	ng	
37) Benzo(a)pyrene	23.59	252	197220	4.072	ng	# 94
38) Dibenzo(a,h)anthracene	26.27	278	193464	4.408	ng	92
39) Benzo(g,h,i)perylene	27.02	276	217600	4.209	ng	99

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

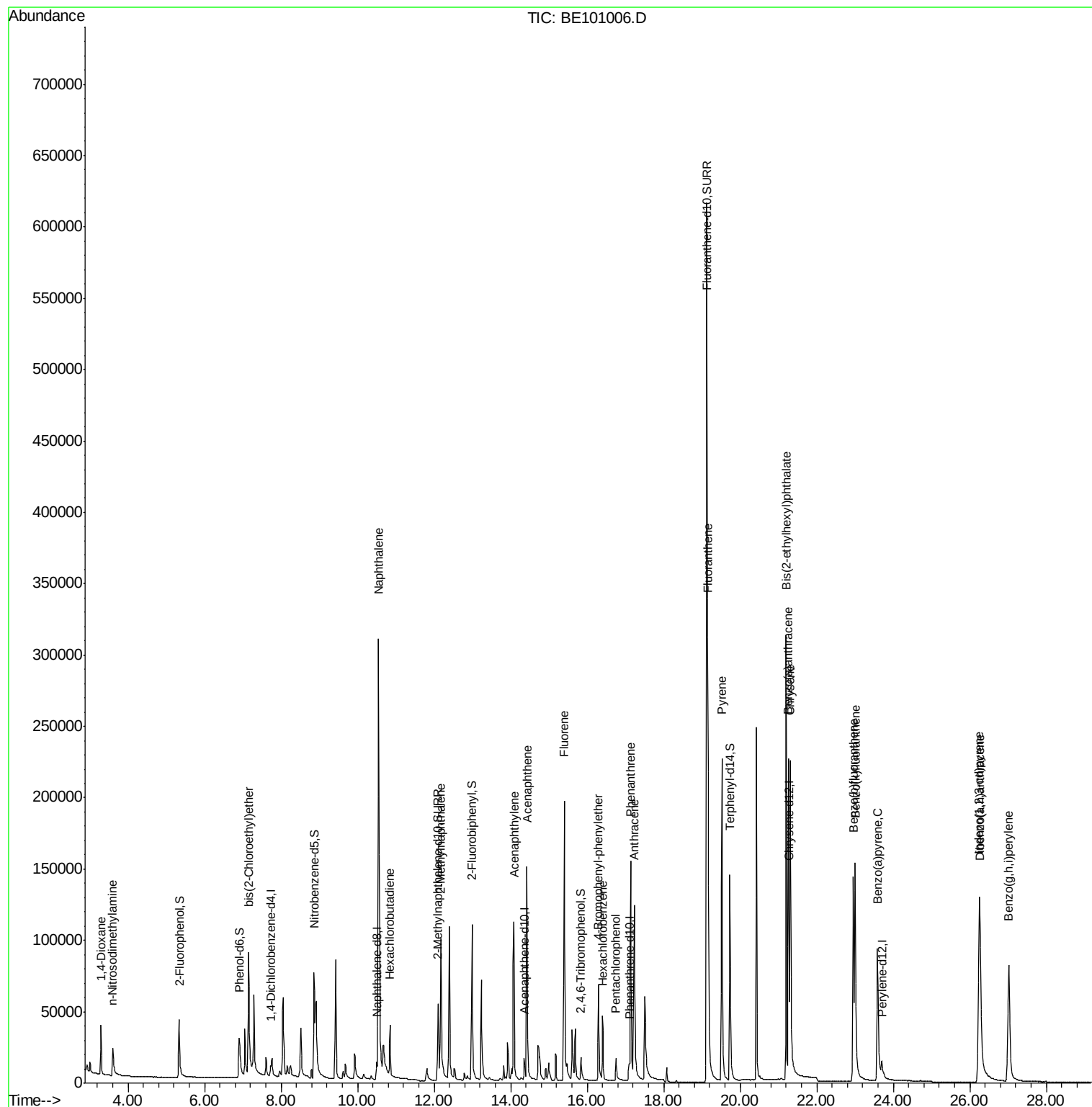
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010820\
Data File : BE101006.D
Acq On : 8 Jan 2020 16:29
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

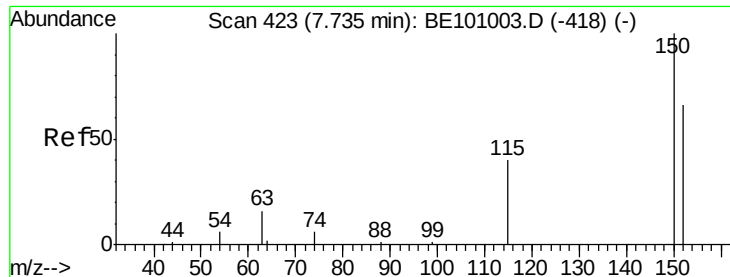
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

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Quant Time: Jan 08 18:35:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:14:32 2020
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#1

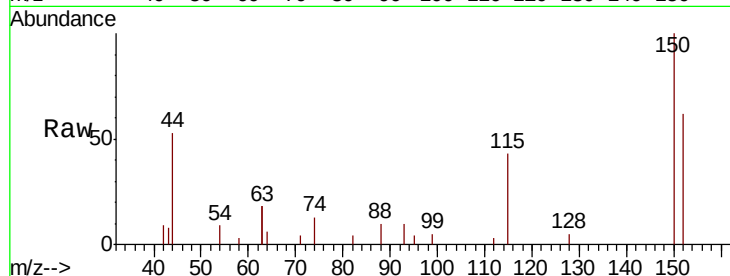
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampled :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	120.3	180.5
115	68.7	51.7	77.5

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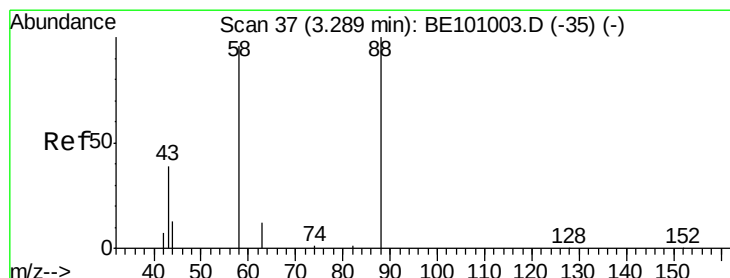
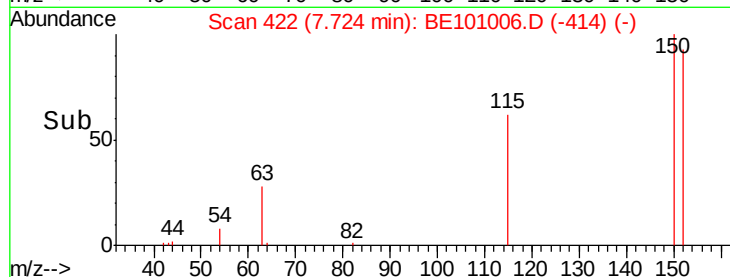
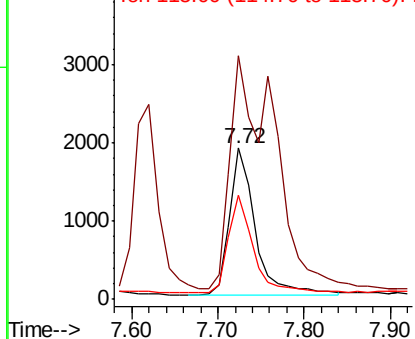


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

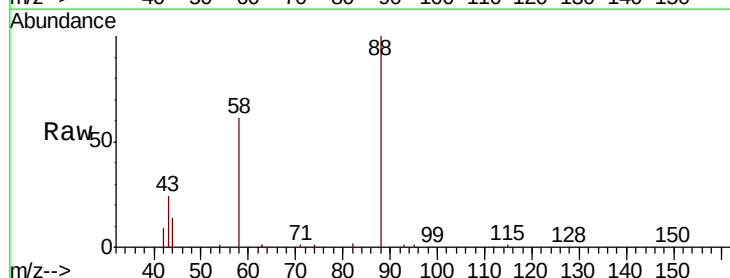
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 1.568 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.4	53.0	79.4
43	31.5	23.4	35.2

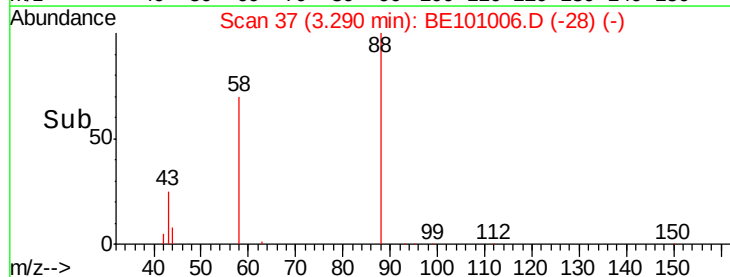
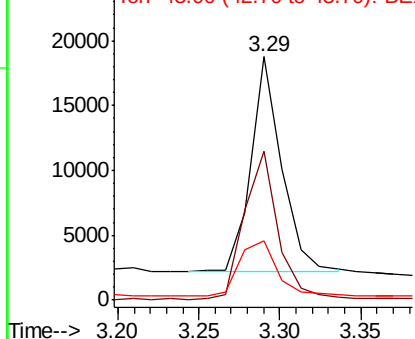


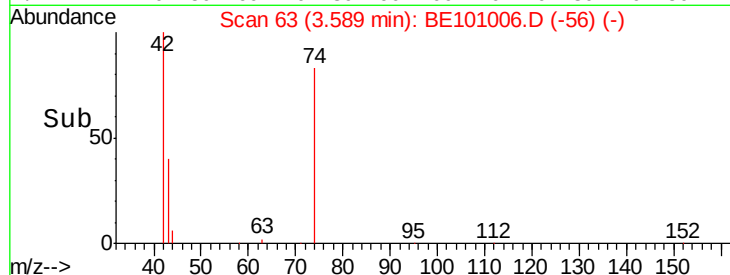
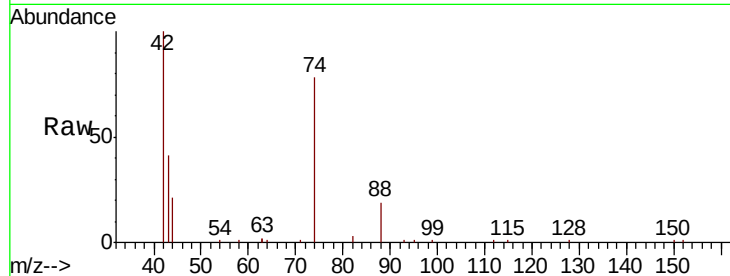
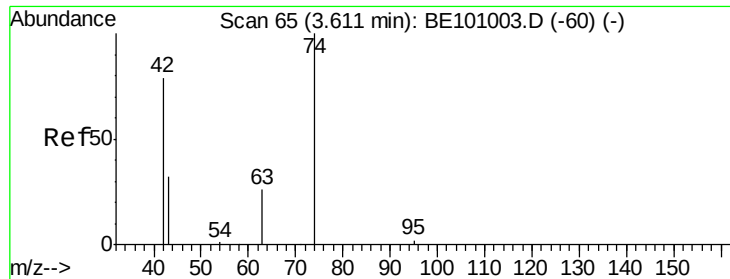
Abundance

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





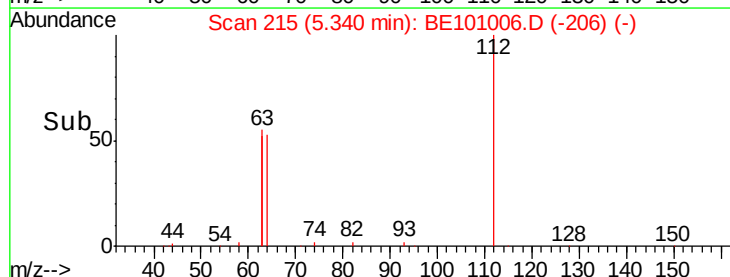
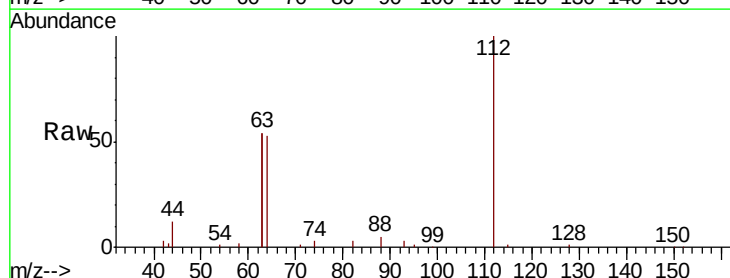
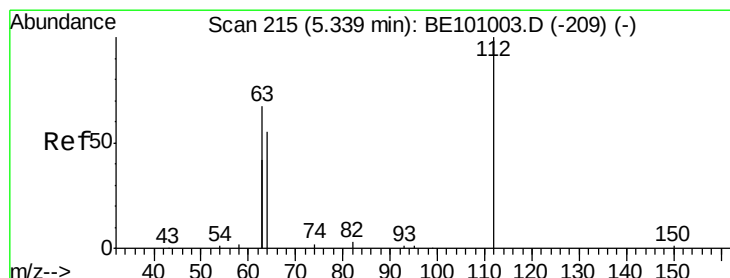
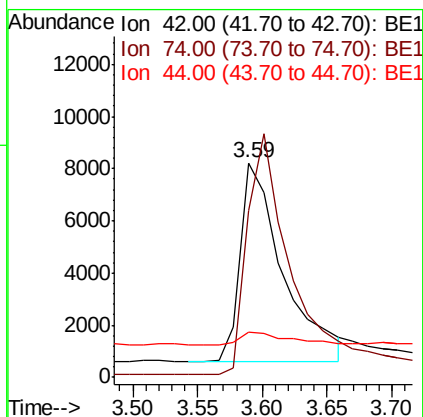
#3
n-Nitrosodimethylamine
Concen: 5.497 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.02 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tot Ion	Ratio	Lower	Upper
42	100		
74	119.5	105.7	158.5
44	8.1	10.0	15.0

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

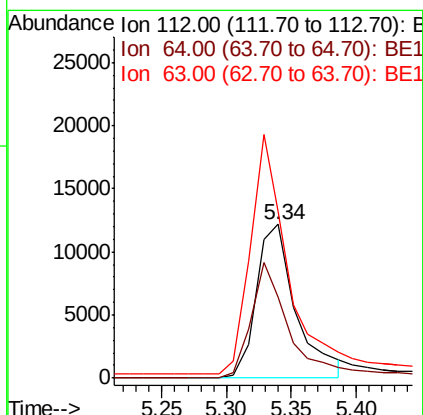
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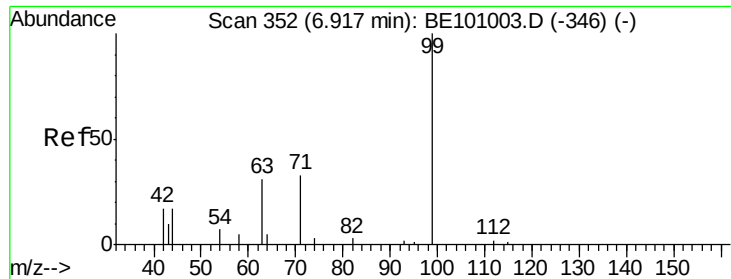
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#4
2-Fluorophenol
Concen: 3.925 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.6	80.4
63	146.8	114.6	172.0





#5

Phenol-d6

Concen: 4.463 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

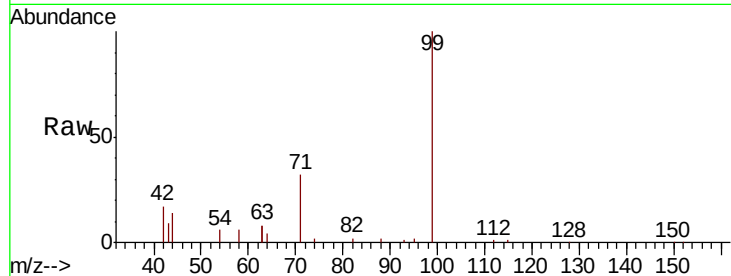
ClientSampleId :

SSTDICC3.2

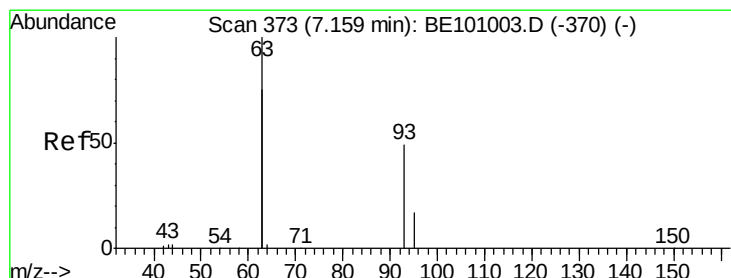
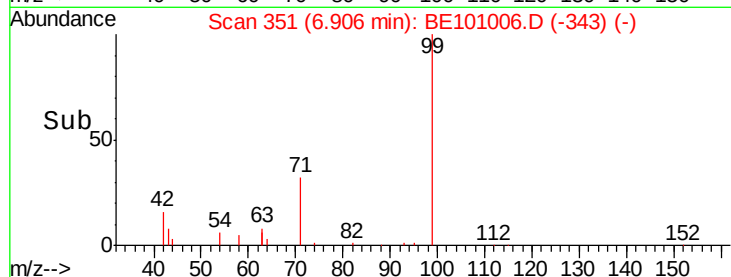
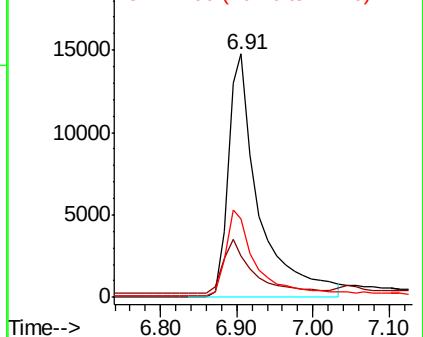
Tot Ion:	99	Resp:	41230
Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.3	27.5
71	35.7	28.0	42.0

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Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 3.062 ng

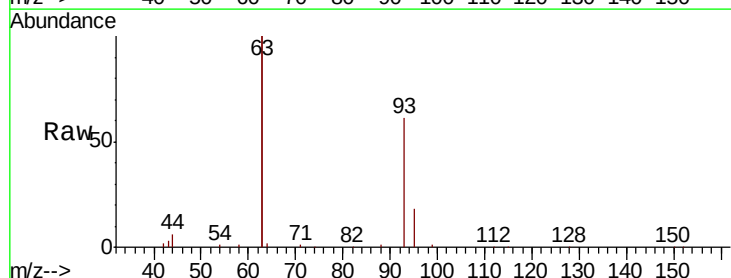
RT: 7.15 min Scan# 372

Delta R.T. -0.01 min

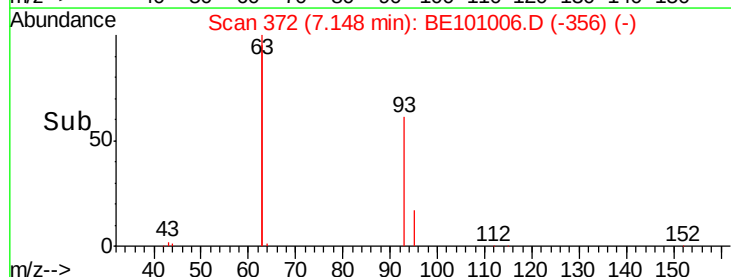
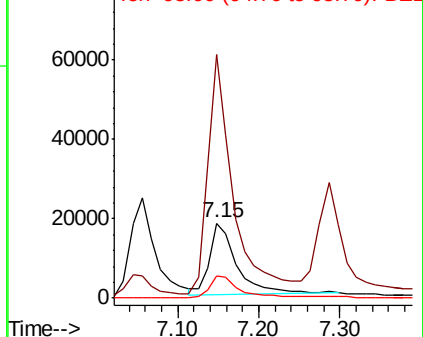
Lab File: BE101006.D

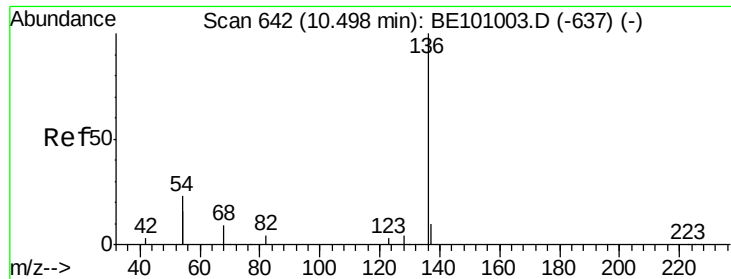
Acq: 8 Jan 2020 16:29

Tgt Ion:	93	Resp:	43081
Ion	Ratio	Lower	Upper
93	100		
63	302.7	233.9	350.9
95	33.0	23.5	35.3



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

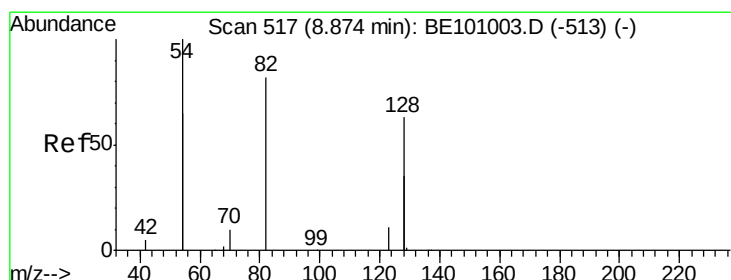
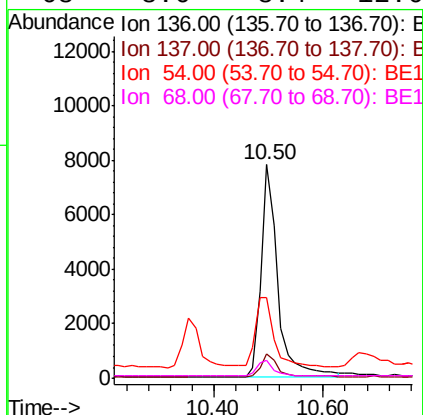
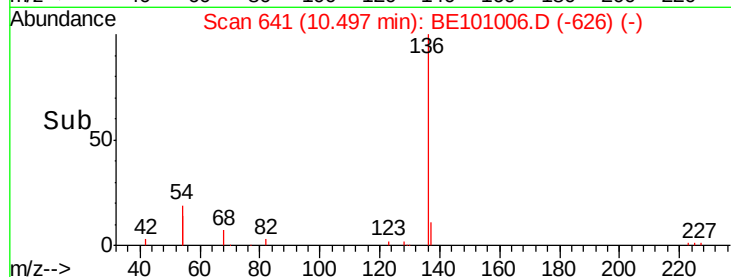
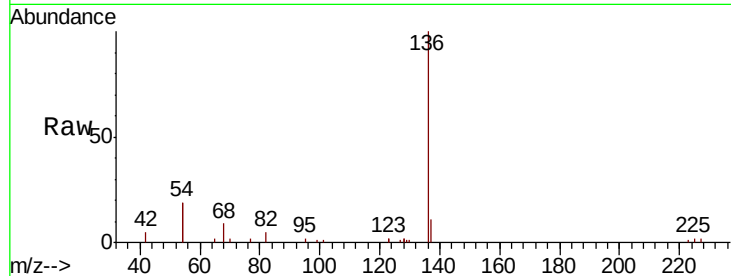
ClientSampleId :

SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	37.8	36.8	55.2
68	8.6	8.4	12.6

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#8

Nitrobenzene-d5

Concen: 5.581 ng

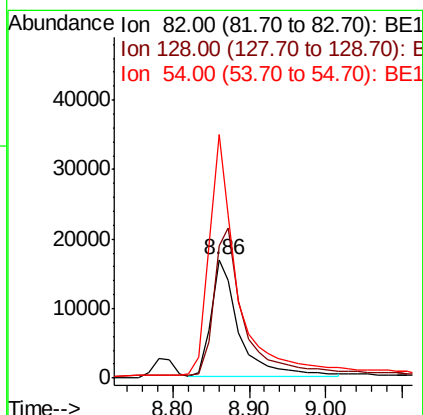
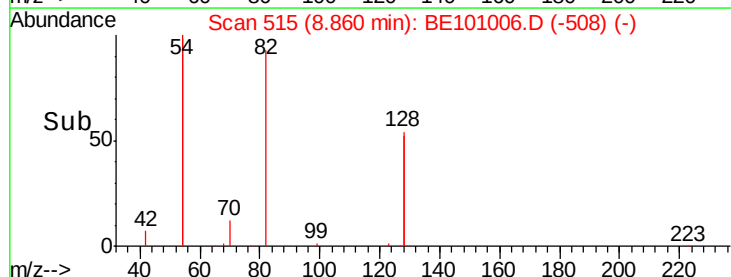
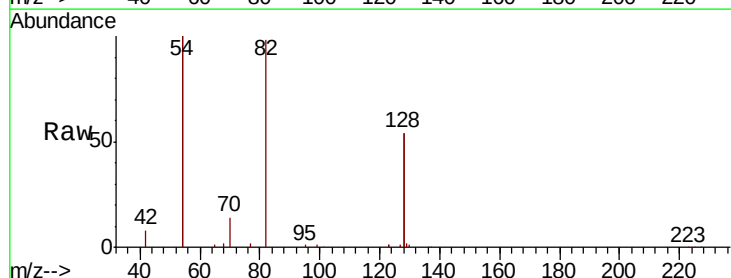
RT: 8.86 min Scan# 515

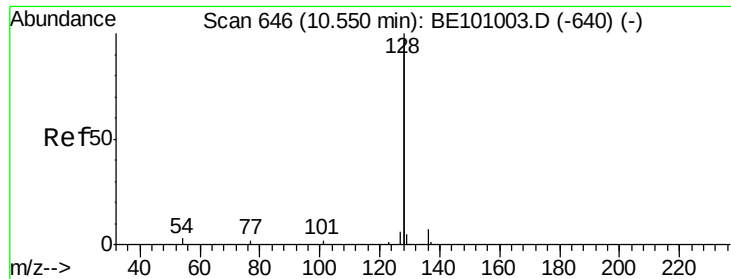
Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
82	100		
128	111.1	109.8	164.6
54	205.0	174.5	261.7





#9

Naphthalene

Concen: 3.515 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

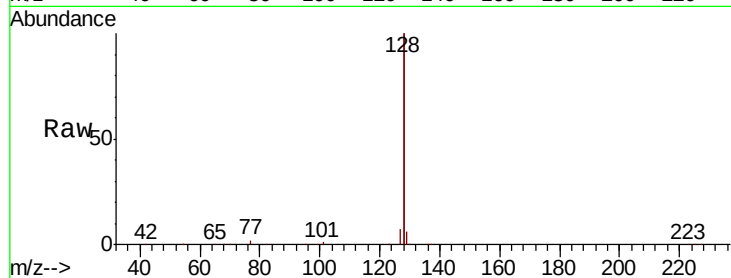
ClientSampled :

SSTDICC3.2

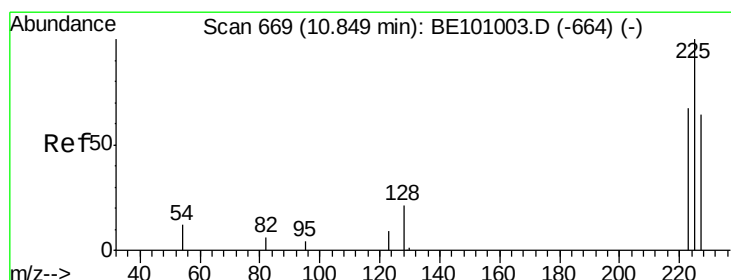
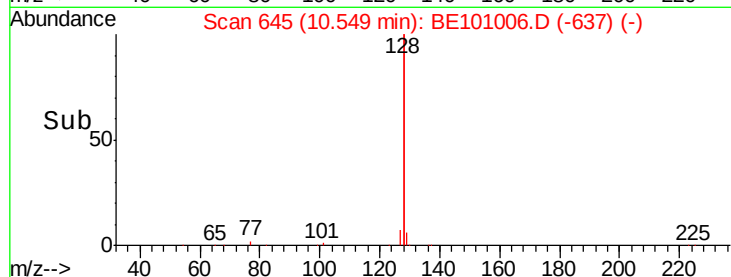
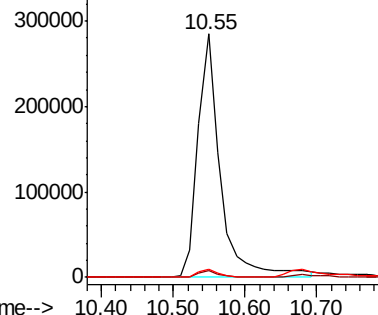
Tot Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.3	2.7	4.1

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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: 3.160 ng

RT: 10.85 min Scan# 668

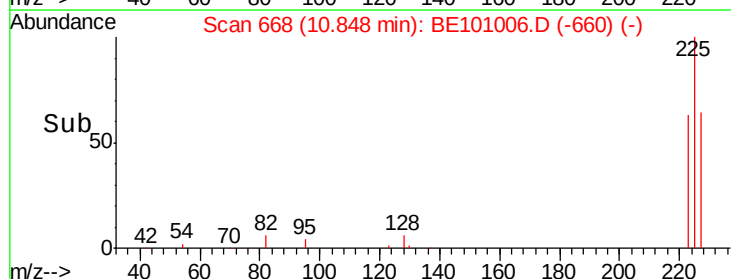
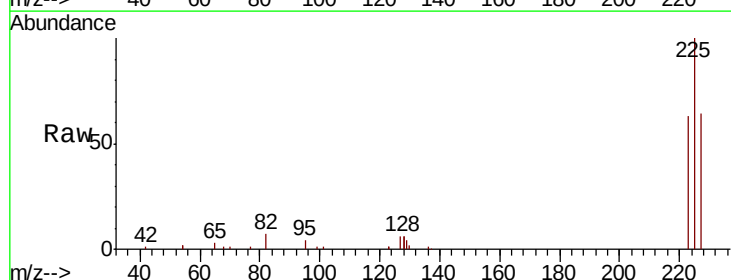
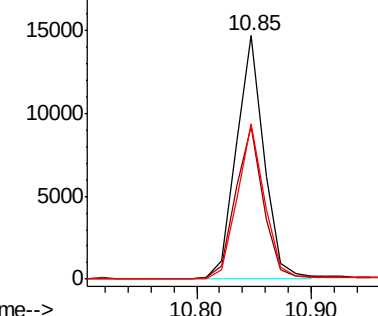
Delta R.T. -0.00 min

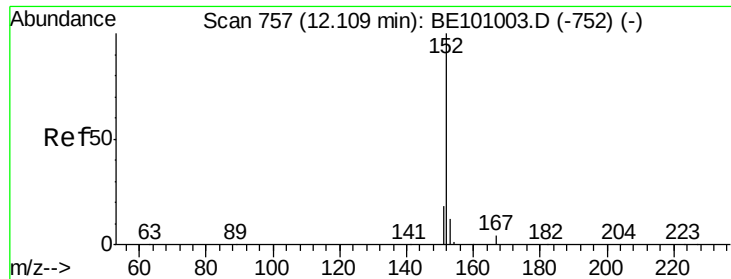
Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	52.2	78.4
227	62.7	49.9	74.9

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





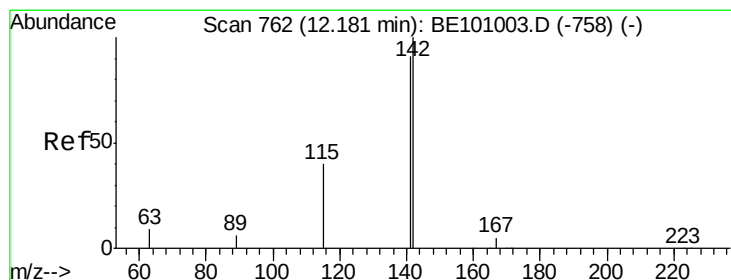
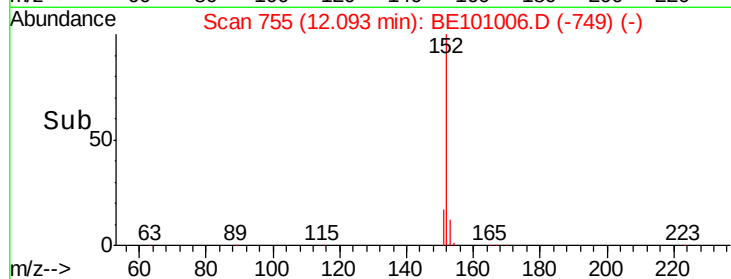
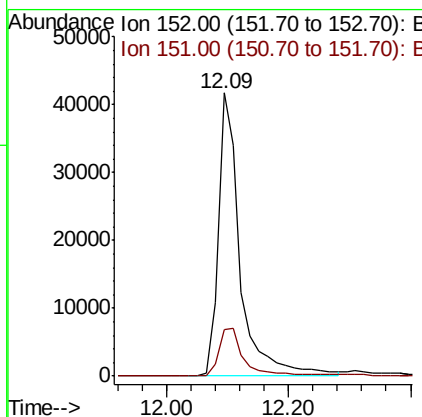
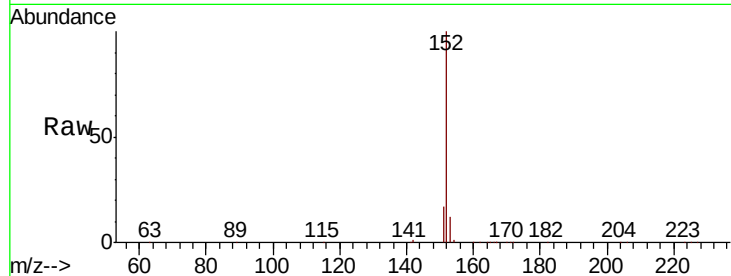
#11
 2-Methylnaphthalene-d10
 Concen: 4.267 ng
 RT: 12.09 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BE101006.D
 Acq: 8 Jan 2020 16:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.0	22.6

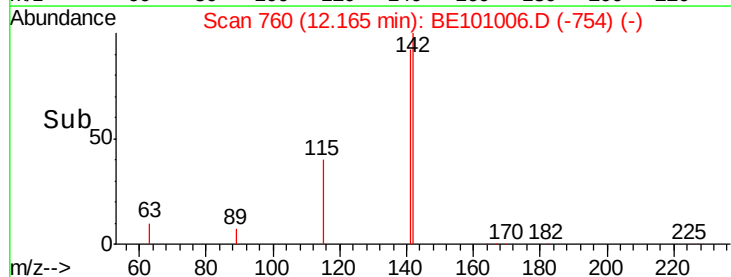
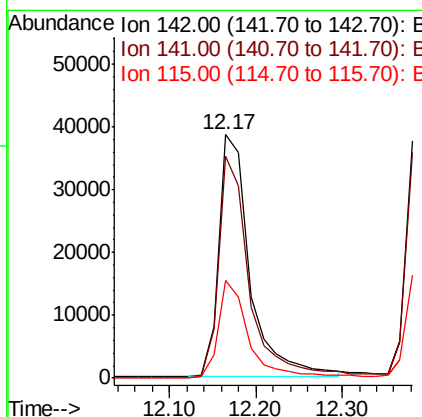
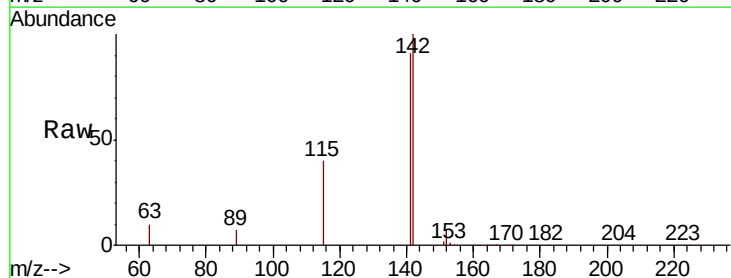
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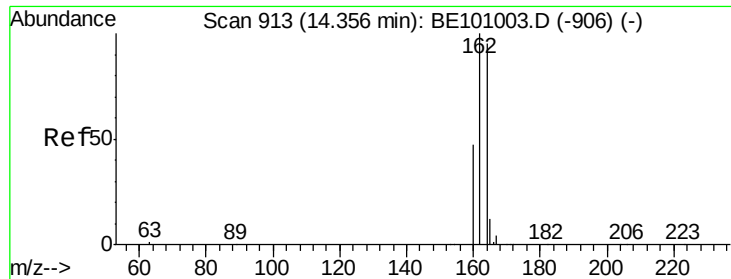
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#12
 2-Methylnaphthalene
 Concen: 3.656 ng
 RT: 12.17 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BE101006.D
 Acq: 8 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.5	108.7
115	40.4	33.0	49.6





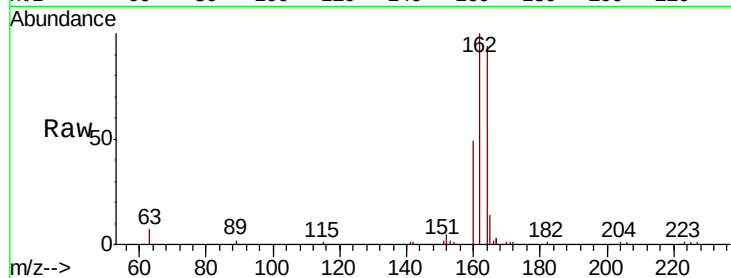
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.2	84.1	126.1
160	52.3	40.4	60.6

Manual Integrations
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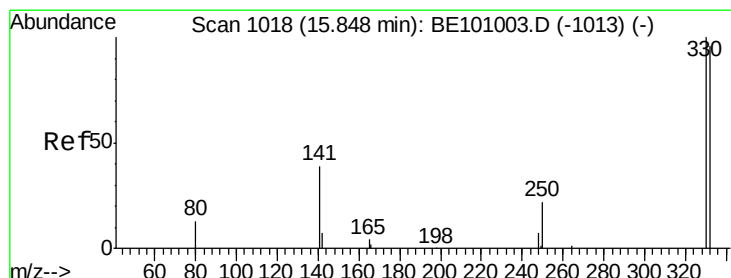
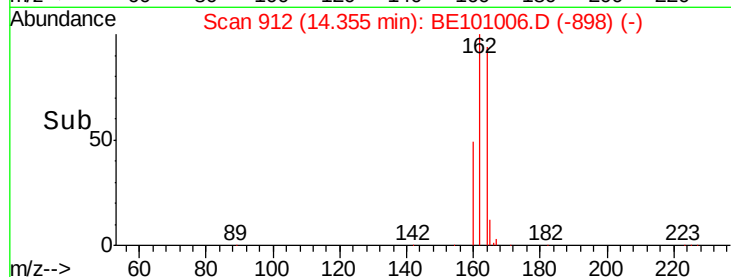
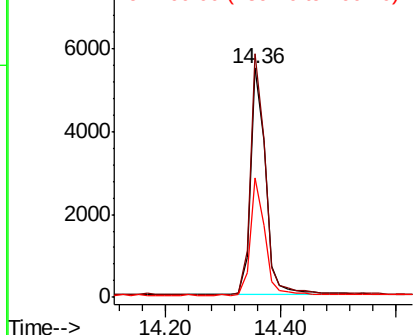


Abundance

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: 5.057 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

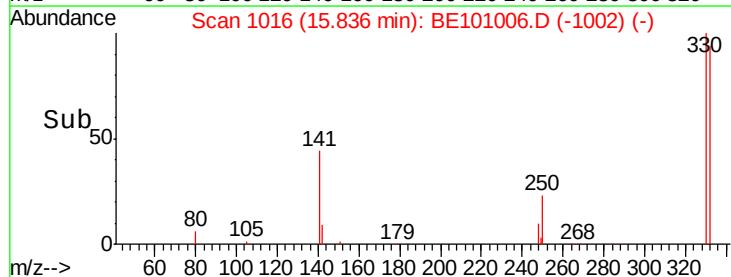
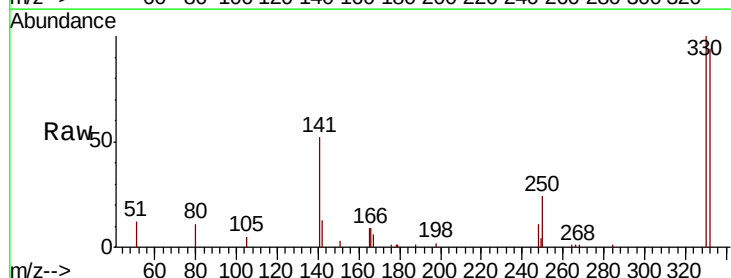
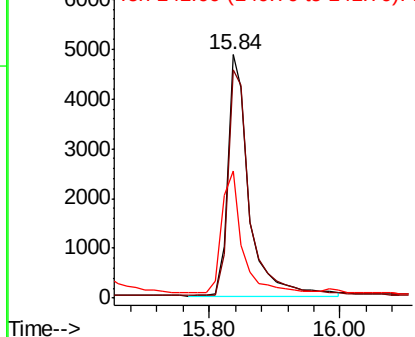
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.4	117.6
141	48.8	37.0	55.4

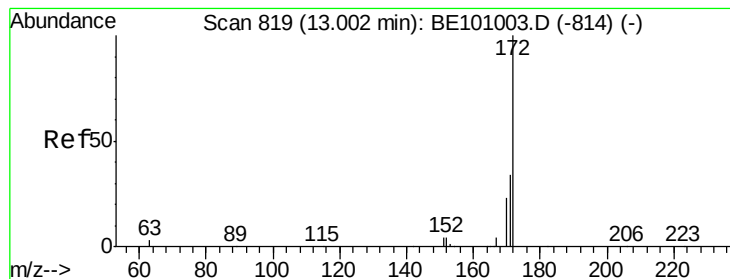
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





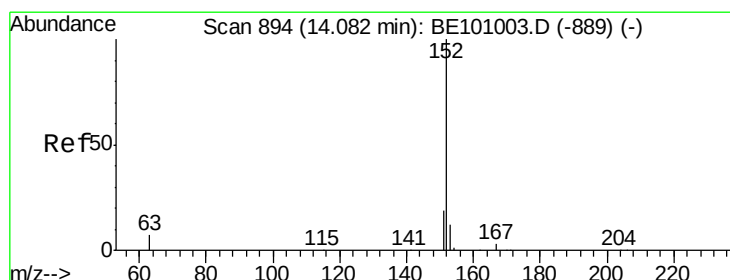
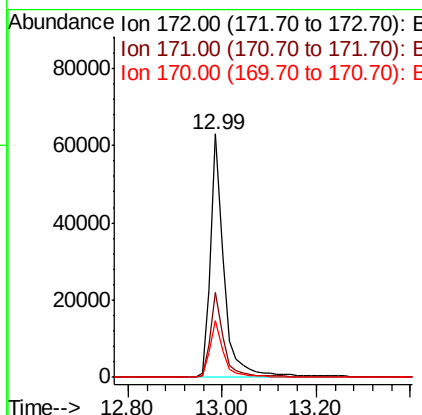
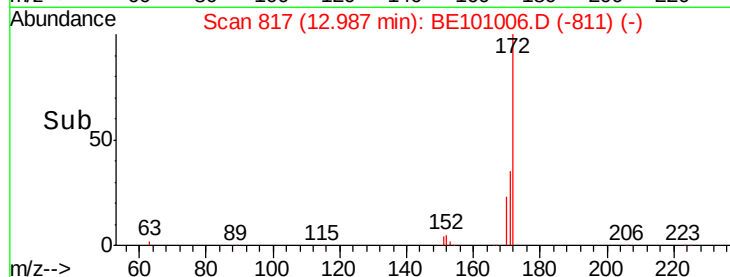
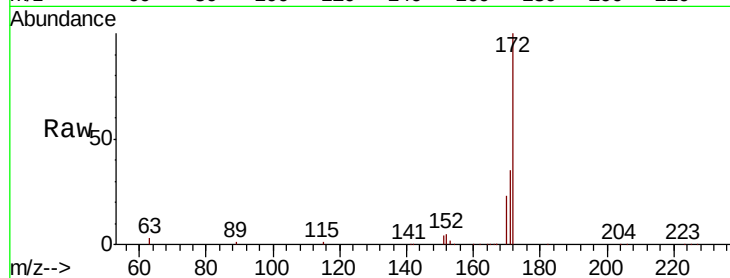
#15
2-Fluorobiphenyl
Concen: 3.527 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.1	18.9	28.3

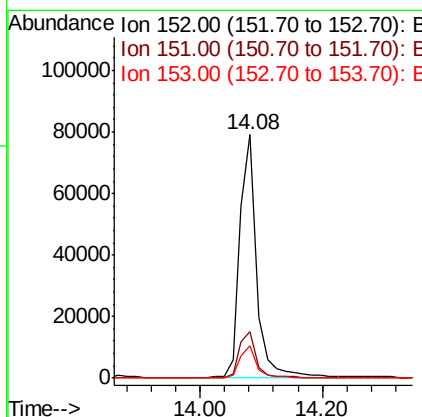
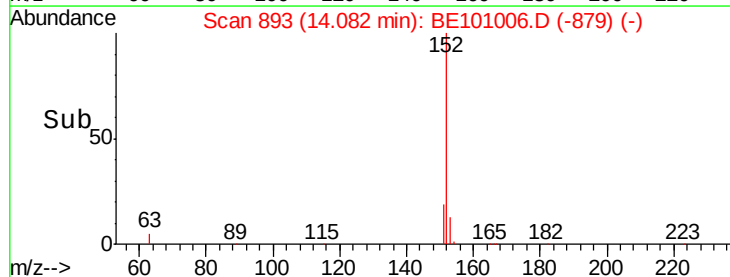
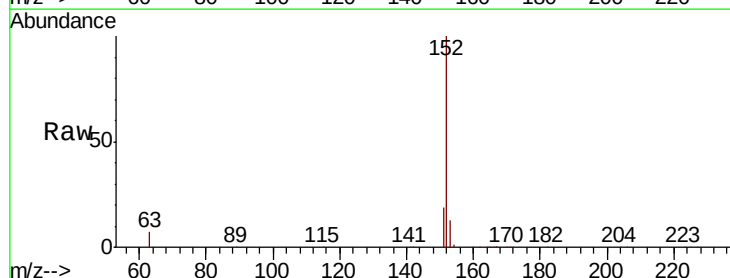
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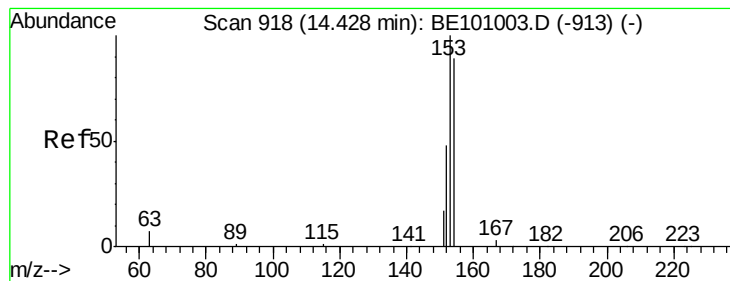
mohammad
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#16
Acenaphthylene
Concen: 4.115 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.2	10.4	15.6





#17

Acenaphthene

Concen: 3.729 ng

RT: 14.43 min Scan# 917

Delta R.T. -0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

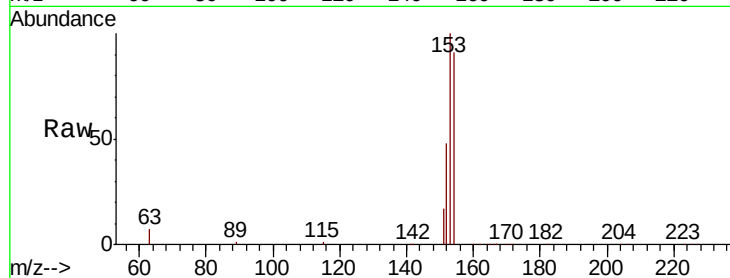
ClientSampleId :

SSTDICC3.2

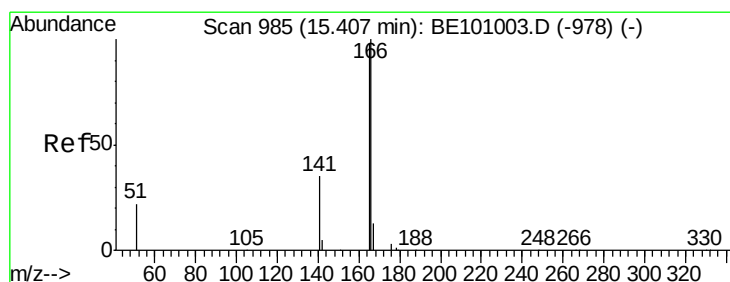
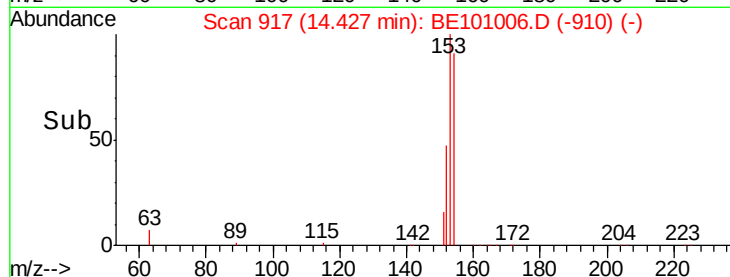
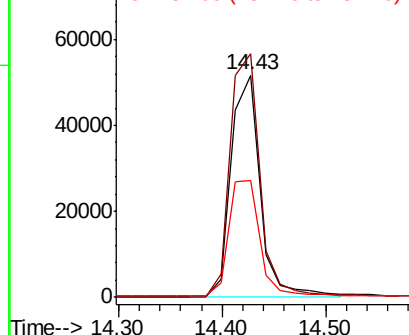
Tot Ion:	154	Resp:	100904
Ion	Ratio	Lower	Upper
154	100		
153	112.0	93.6	140.4
152	55.5	46.3	69.5

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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: 3.829 ng

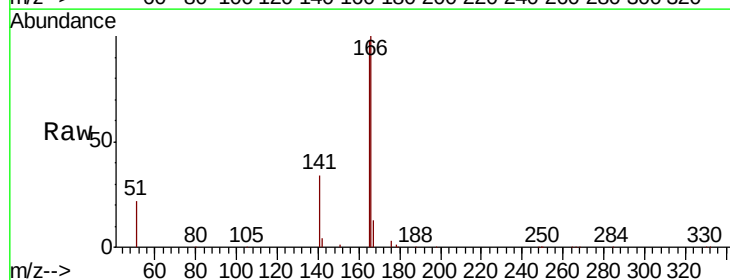
RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

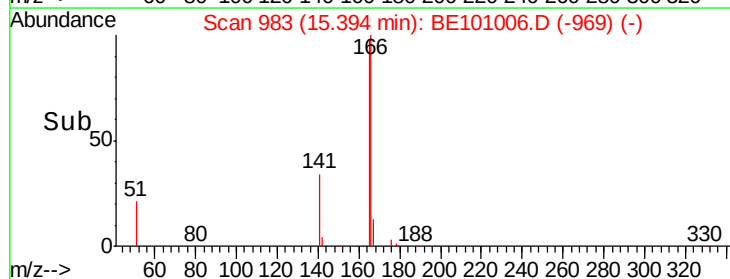
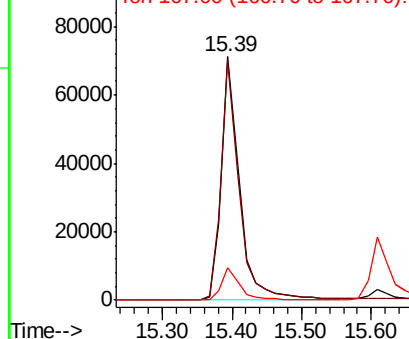
Lab File: BE101006.D

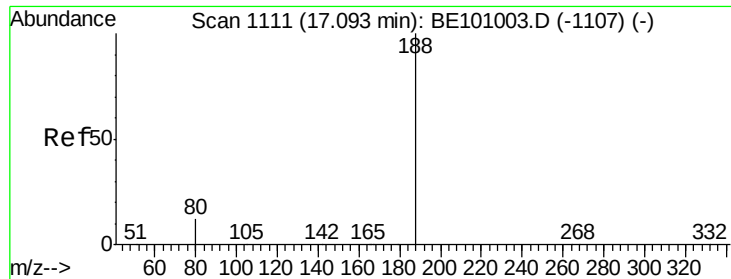
Acq: 8 Jan 2020 16:29

Tgt Ion:	166	Resp:	129125
Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.8
167	13.3	11.0	16.6



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: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

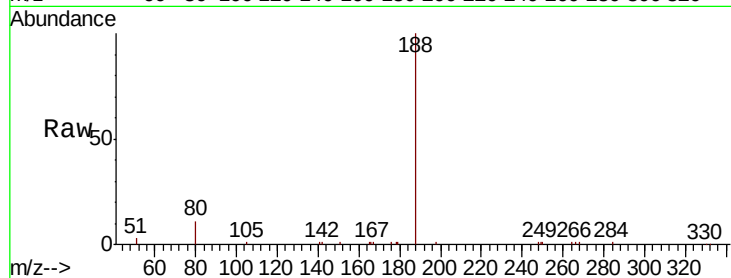
ClientSampleId :

SSTDICC3.2

Tot Ion:	188	Resp:	21230
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.4	10.8	16.2

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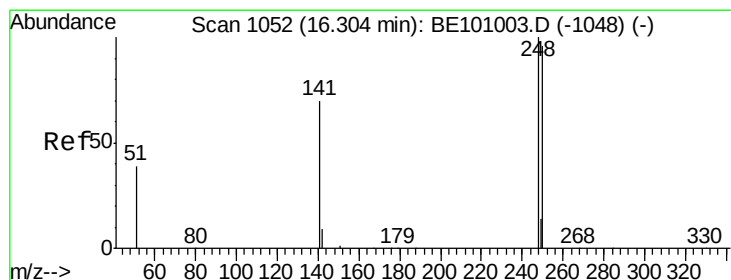
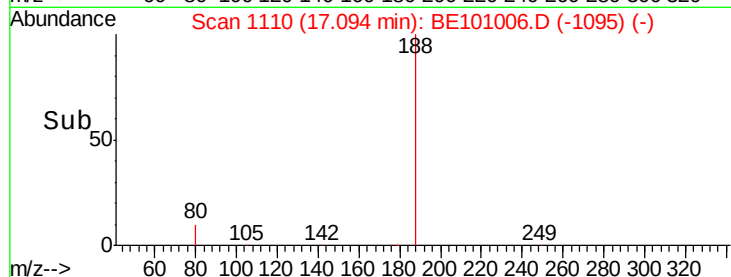
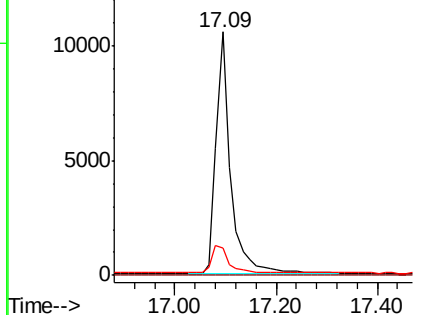
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 4.068 ng

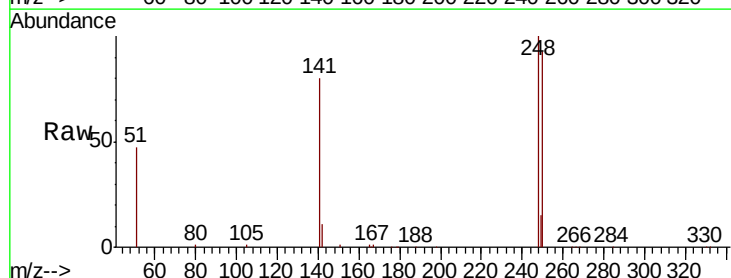
RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

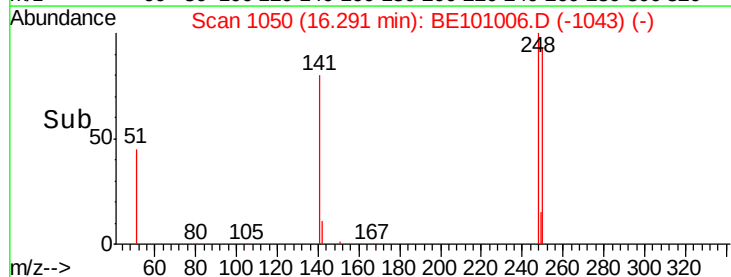
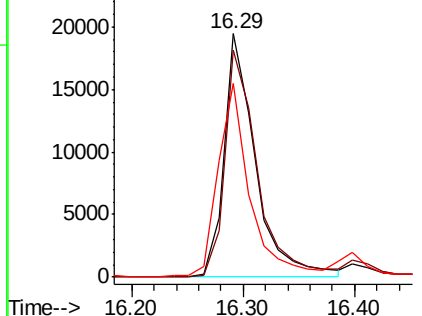
Tgt Ion:	248	Resp:	37921
Ion Ratio	Lower	Upper	
248	100		
250	93.1	76.6	115.0
141	79.8	57.7	86.5

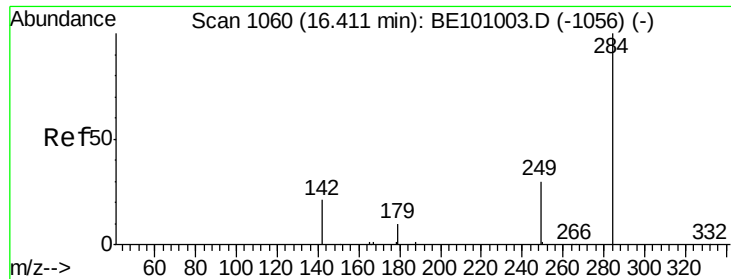


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.524 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

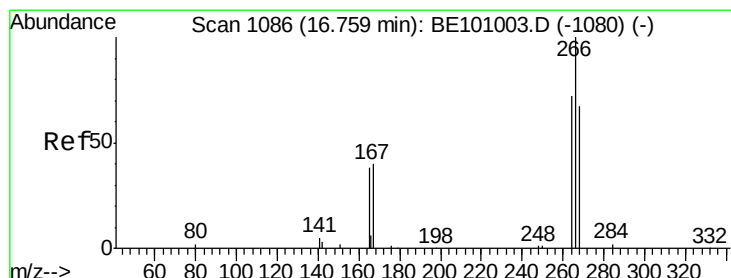
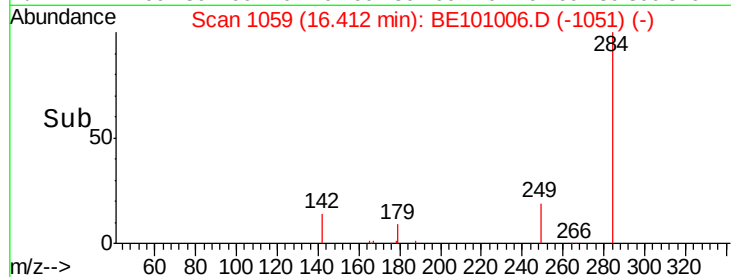
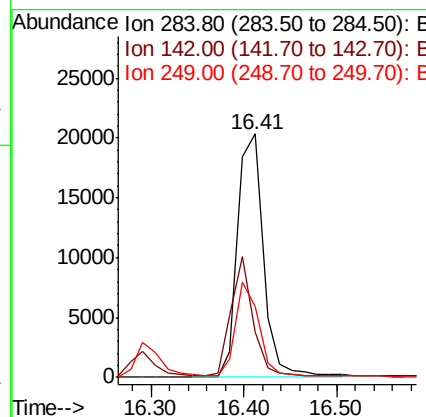
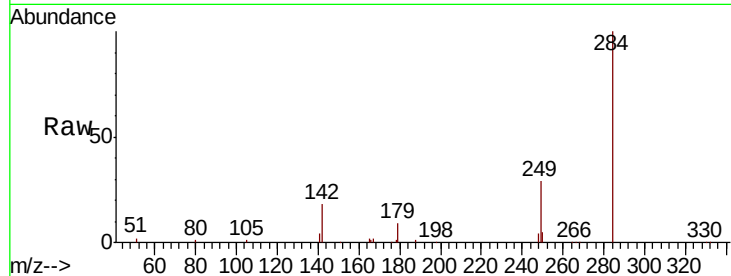
ClientSampled :

SSTDICC3.2

Tot Ion:	284	Resp:	38795
Ion Ratio	Lower	Upper	
284	100		
142	41.3	34.0	51.0
249	34.9	28.2	42.4

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#22

Pentachlorophenol

Concen: 7.055 ng

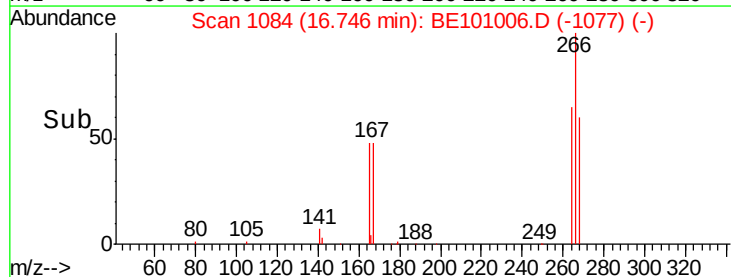
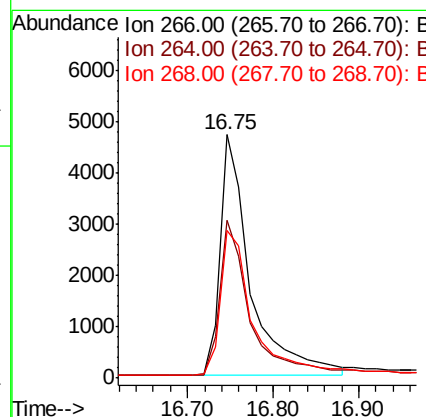
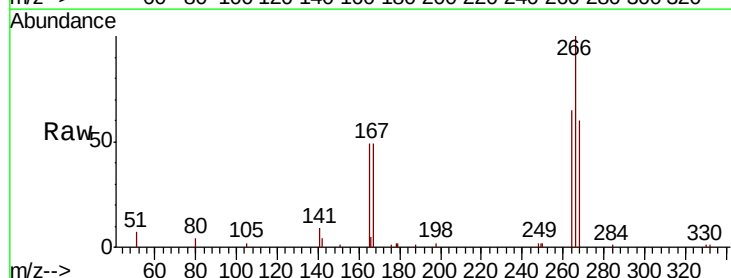
RT: 16.75 min Scan# 1084

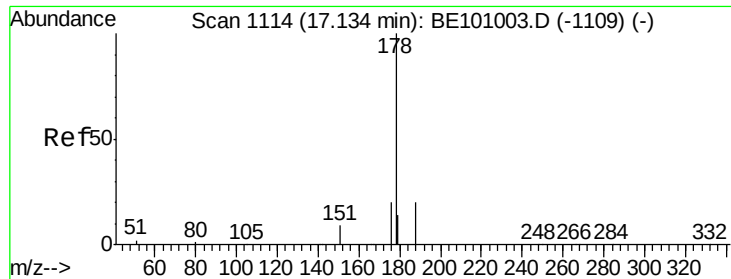
Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Tgt Ion:	266	Resp:	11600
Ion Ratio	Lower	Upper	
266	100		
264	65.0	61.0	91.4
268	60.4	58.5	87.7





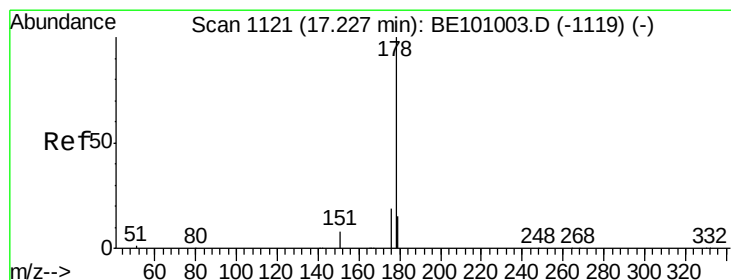
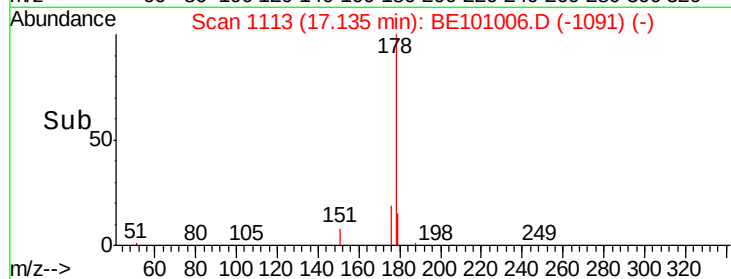
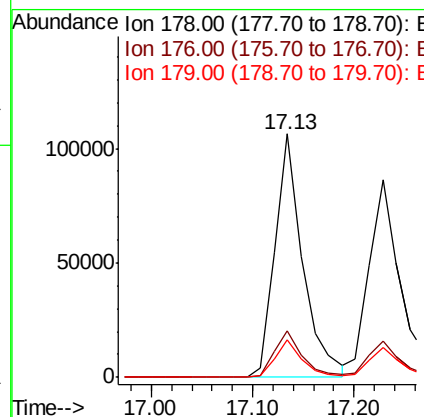
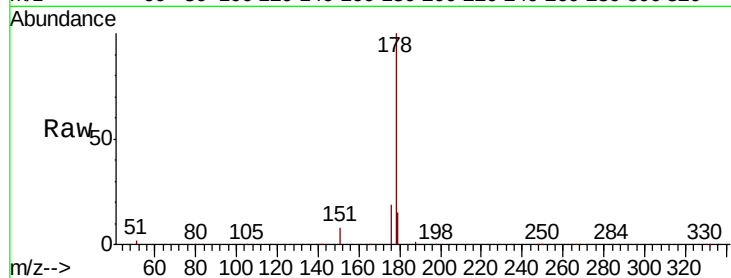
#23
Phenanthrene
Concen: 3.690 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.3	12.0	18.0

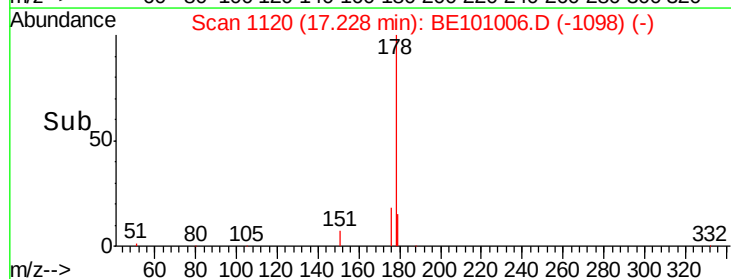
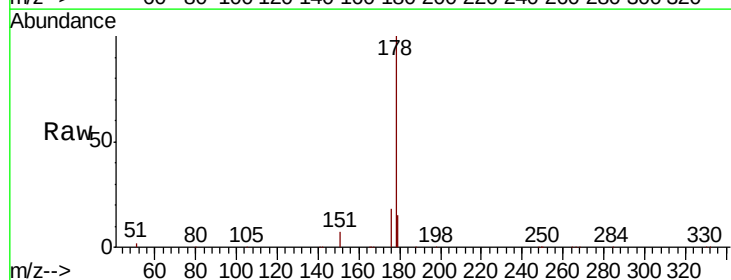
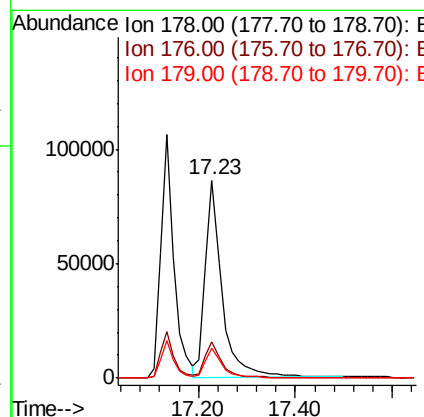
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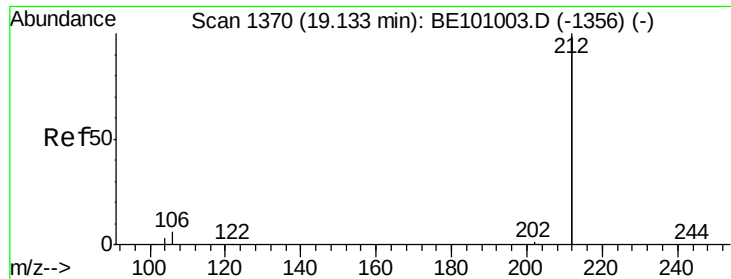
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#24
Anthracene
Concen: 3.640 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.4	12.4	18.6





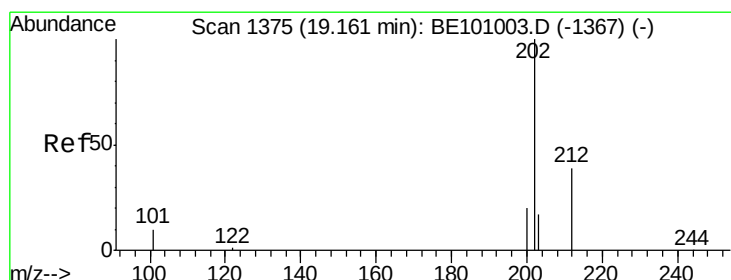
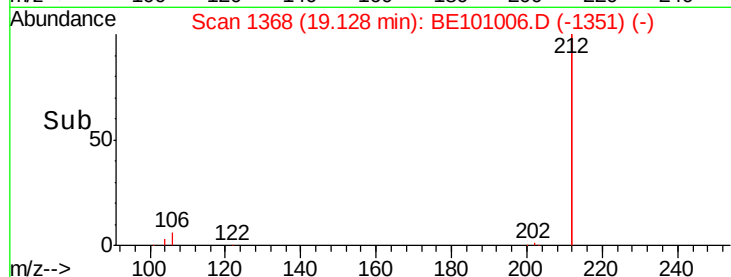
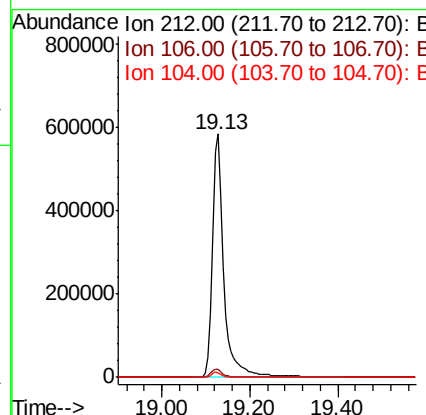
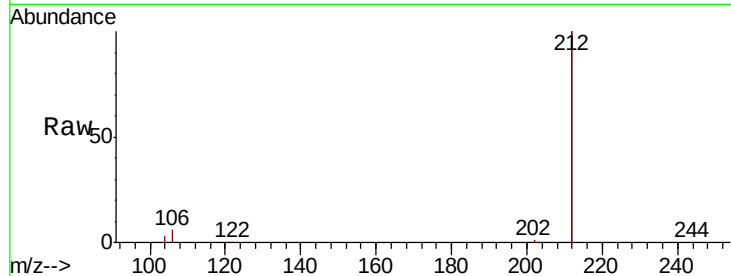
#25
 Fluoranthene-d10
 Concen: 4.047 ng
 RT: 19.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BE101006.D
 Acq: 8 Jan 2020 16:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.9	1.4	2.0

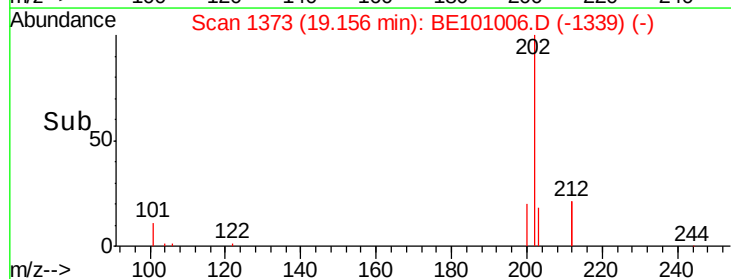
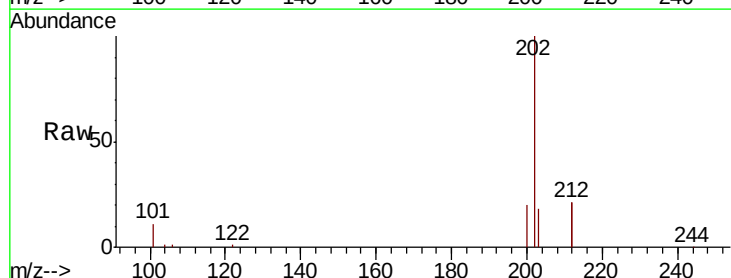
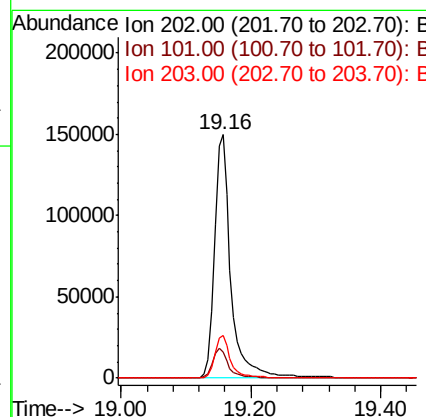
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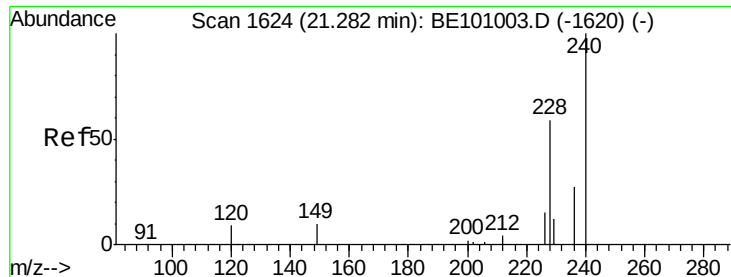
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#26
 Fluoranthene
 Concen: 3.513 ng
 RT: 19.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BE101006.D
 Acq: 8 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.6	14.4
203	17.1	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

ClientSampled :

SSTDICC3.2

Tot Ion:240 Resp: 20877

Ion Ratio Lower Upper

240 100

120 14.0 8.6 13.0#

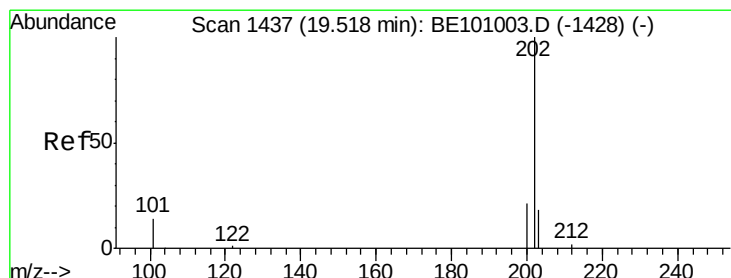
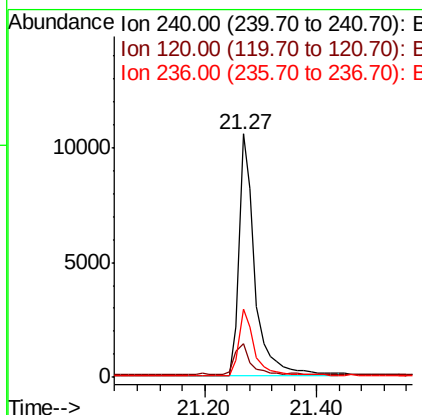
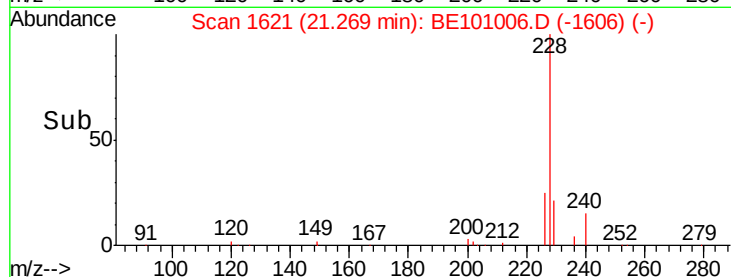
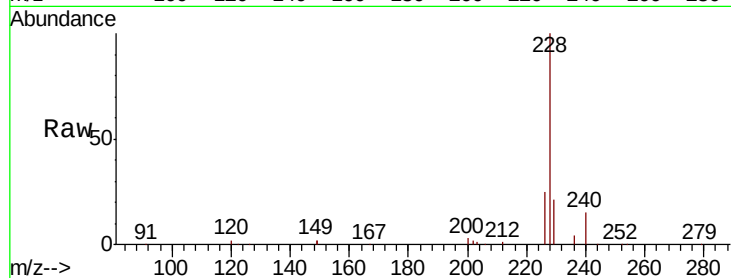
236 28.1 22.2 33.4

Manual Integrations

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#28

Pyrene

Concen: 3.517 ng

RT: 19.52 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

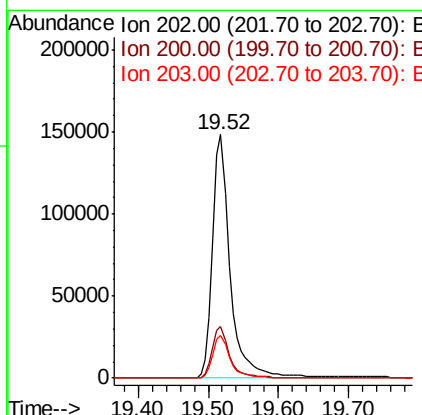
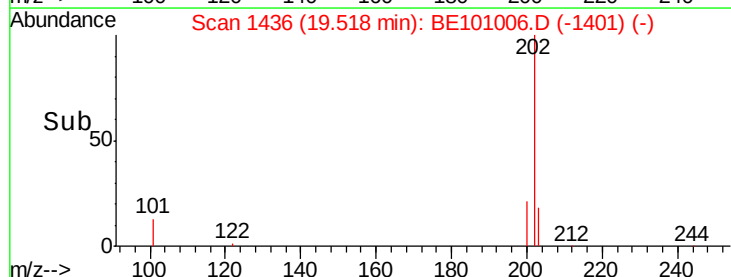
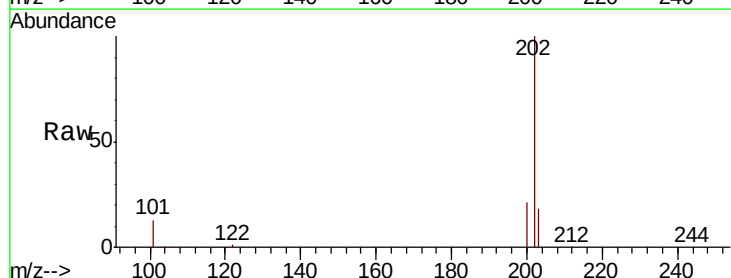
Tgt Ion:202 Resp: 256880

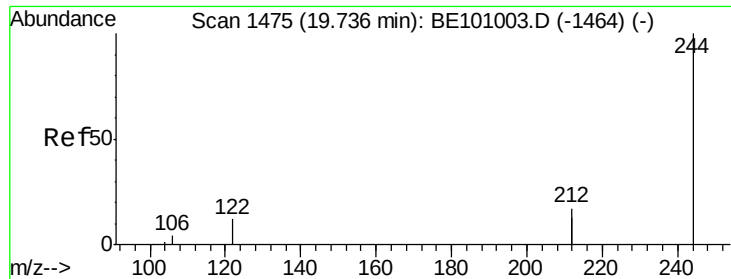
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.5 13.8 20.6





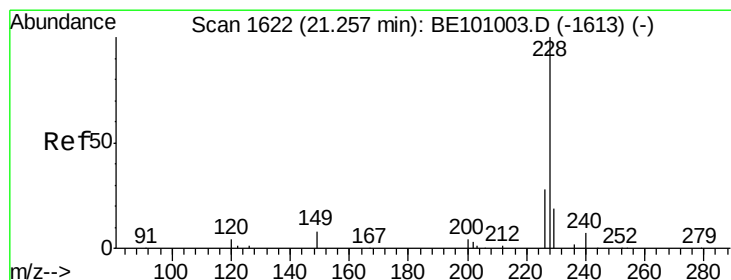
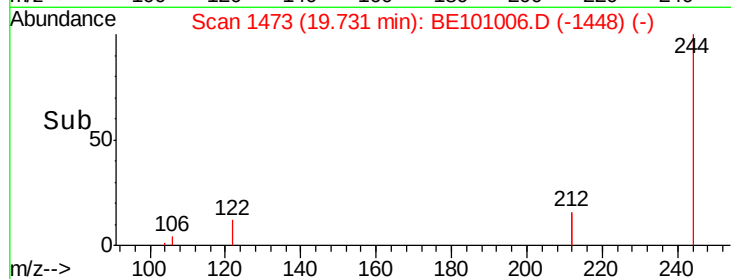
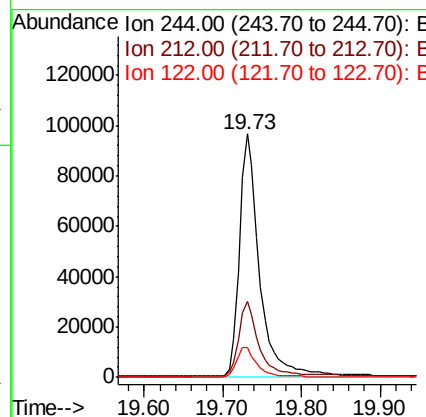
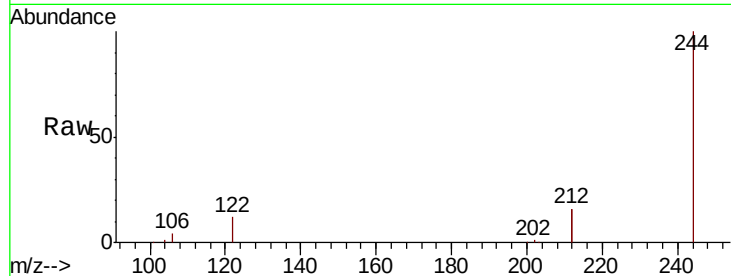
#29
 Terphenyl-d14
 Concen: 3.608 ng
 RT: 19.73 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BE101006.D
 Acq: 8 Jan 2020 16:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
244	100		
212	31.3	27.2	40.8
122	12.3	9.8	14.8

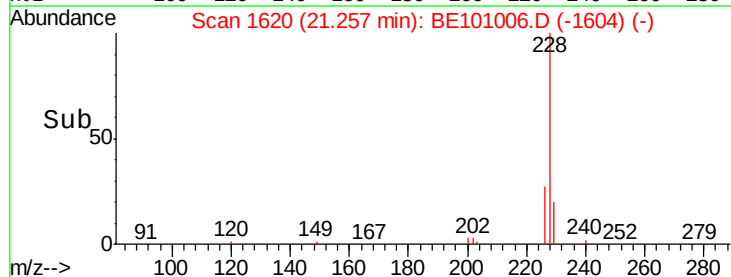
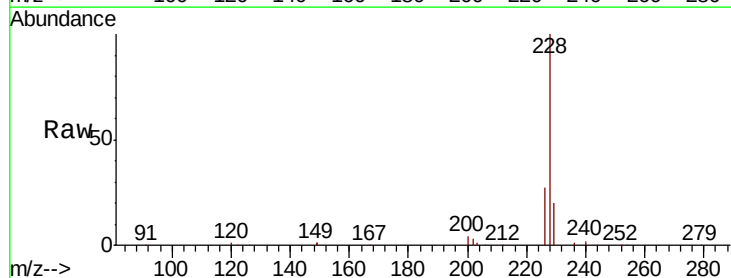
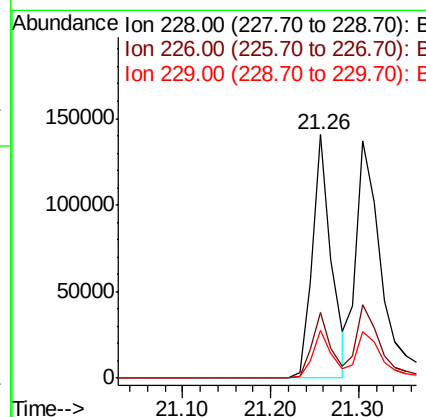
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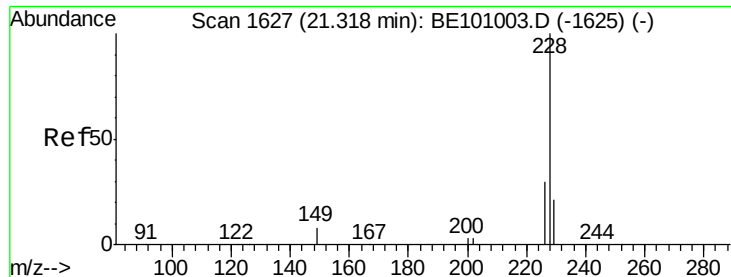
mohammad
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#30
 Benzo(a)anthracene
 Concen: 4.188 ng
 RT: 21.26 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BE101006.D
 Acq: 8 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.7	34.1
229	19.7	15.5	23.3





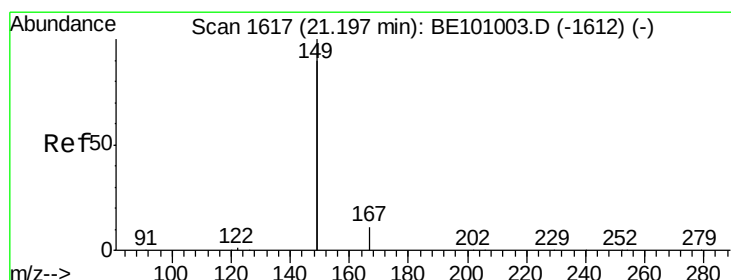
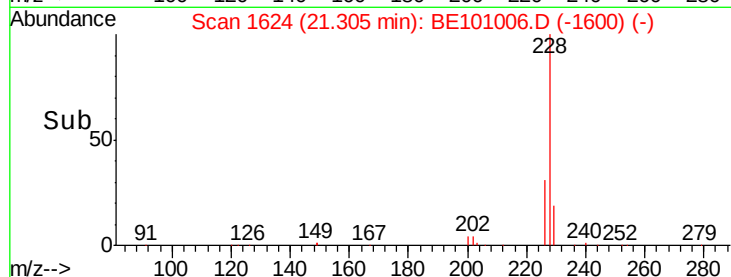
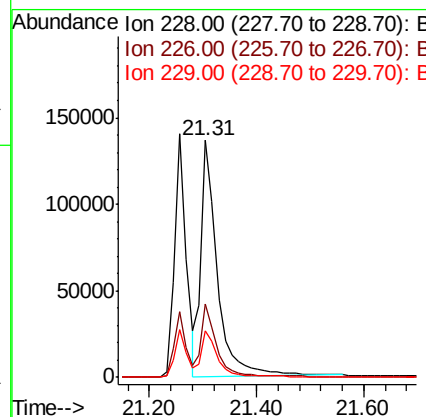
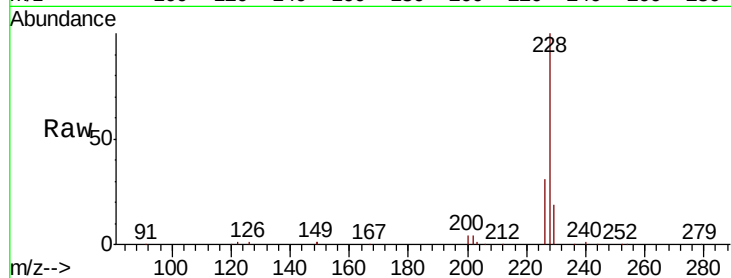
#31
Chrysene
Concen: 2.994 ng
RT: 21.31 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.5	35.3
229	19.4	16.7	25.1

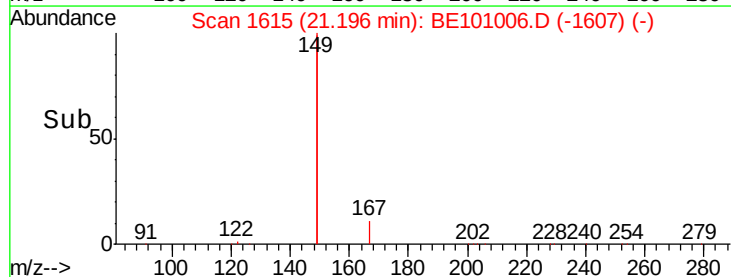
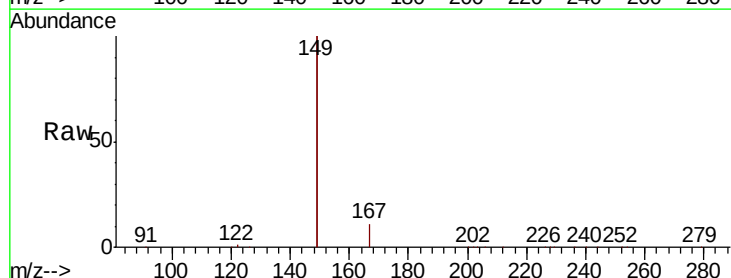
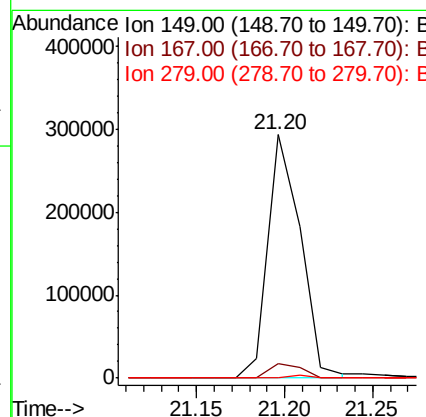
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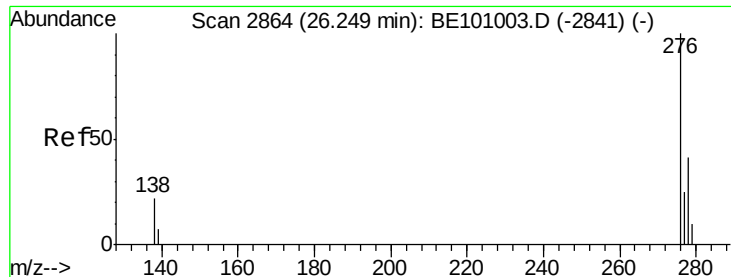
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#32
Bis(2-ethylhexyl)phthalate
Concen: 3.308 ng
RT: 21.20 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.2	7.8
279	0.8	0.8	1.2





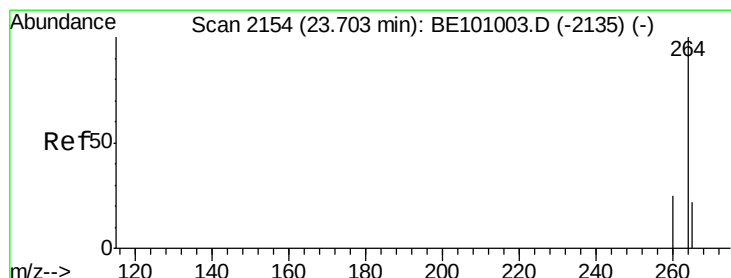
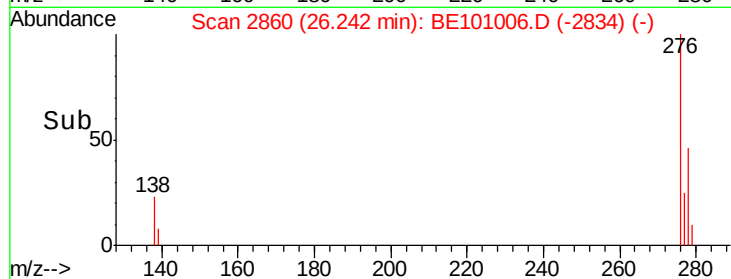
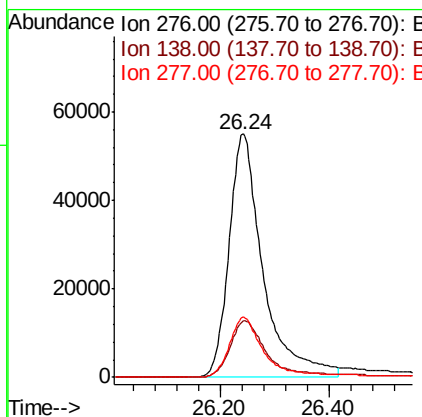
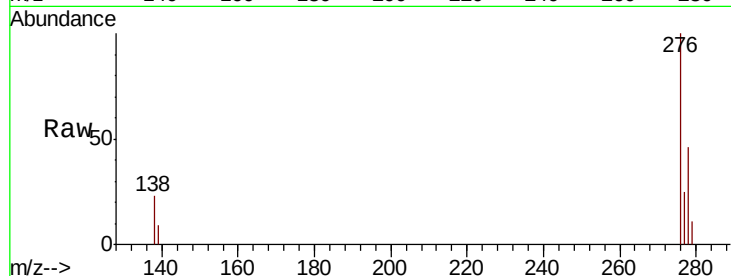
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.357 ng
 RT: 26.24 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BE101006.D
 Acq: 8 Jan 2020 16:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	16.1	24.1#
277	24.9	18.1	27.1

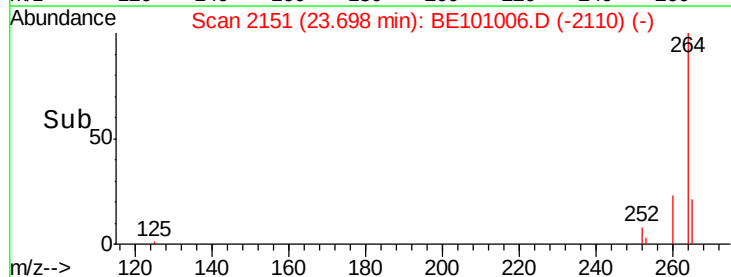
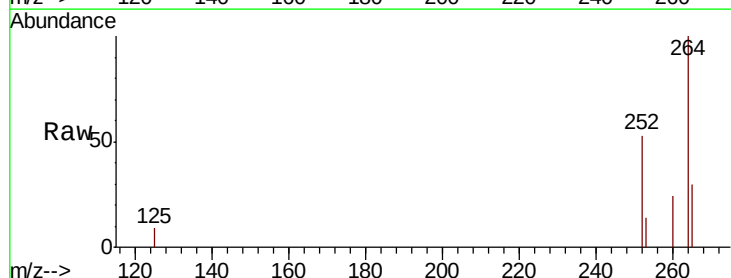
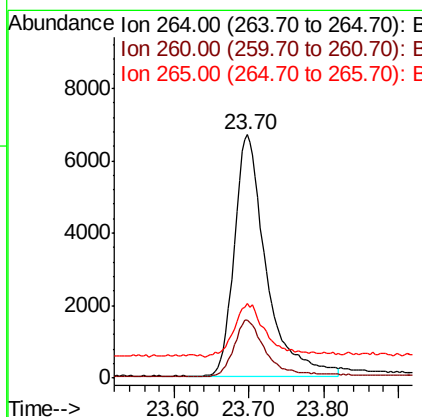
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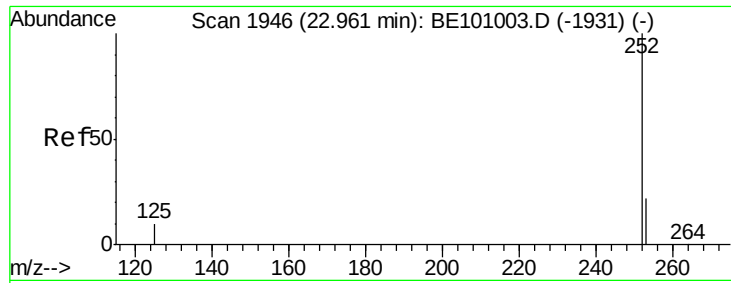
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.70 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BE101006.D
 Acq: 8 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.3	30.5
265	30.4	27.0	40.4





#35

Benzo(b)fluoranthene

Concen: 4.995 ng

RT: 22.95 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

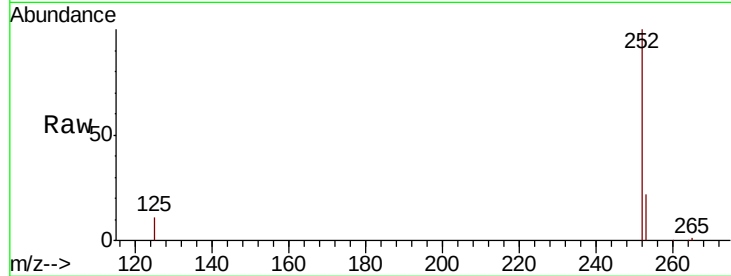
ClientSampleId :

SSTDICC3.2

Tot Ion:	252	Resp:	207249
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.5	27.7
125	10.5	9.5	14.3

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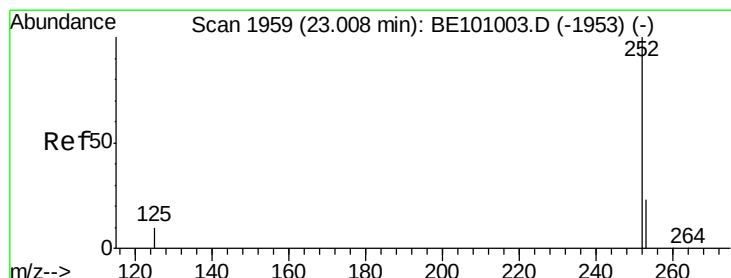
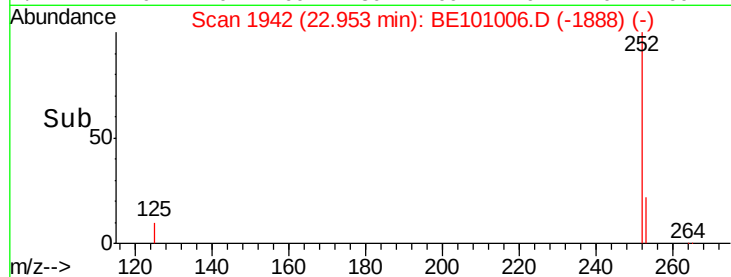
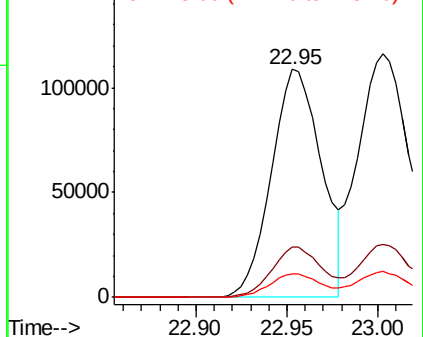


Abundance

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: 3.527 ng m

RT: 23.00 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

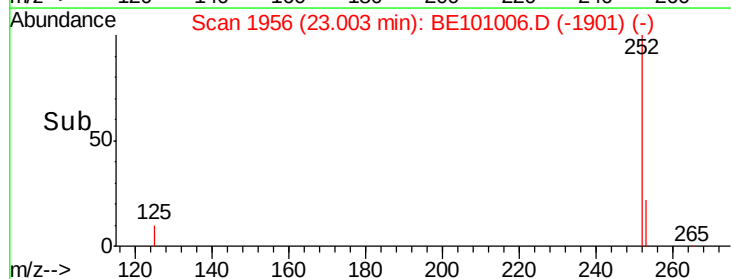
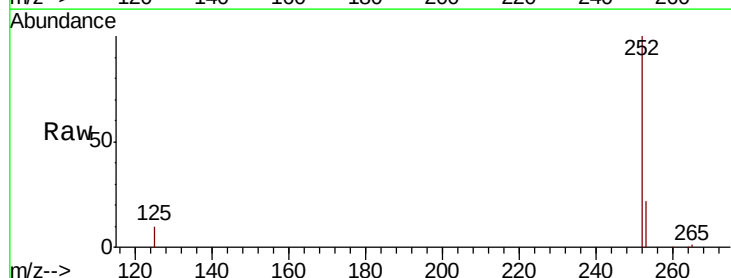
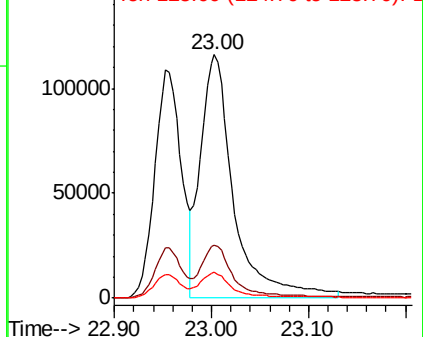
Tgt Ion:	252	Resp:	277408
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.9	28.3
125	10.5	10.1	15.1

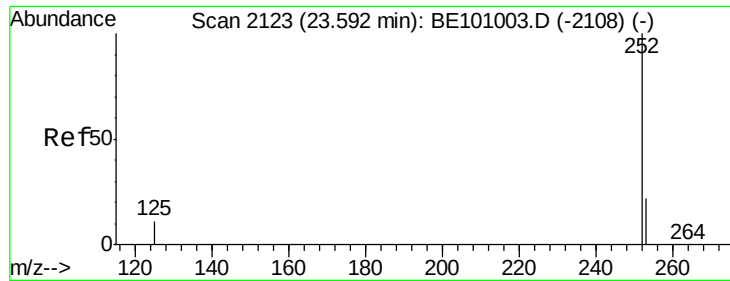
Abundance

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: 4.072 ng

RT: 23.59 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

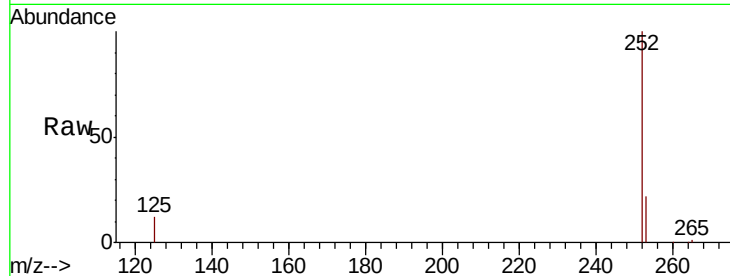
ClientSampleId :

SSTDICC3.2

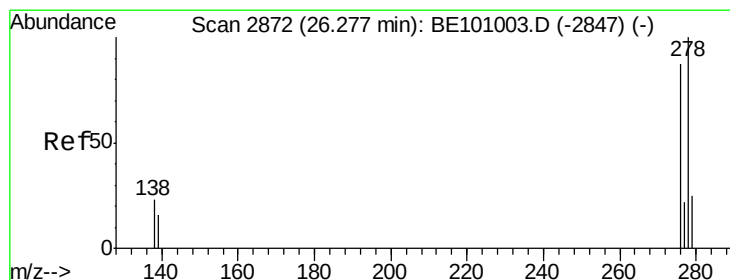
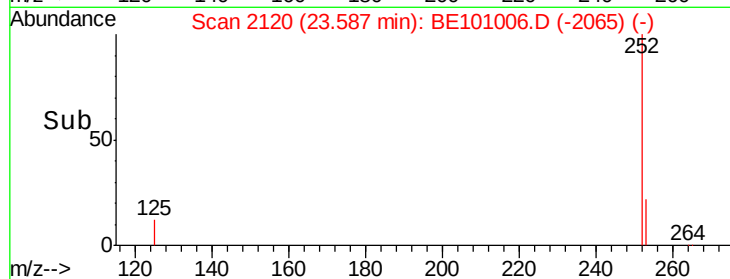
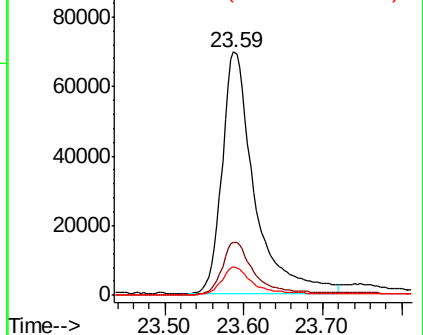
Tot Ion:	252	Resp:	197220
Ion Ratio	Lower	Upper	
252	100		
253	21.8	19.4	29.2
125	11.7	11.8	17.6#

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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: 4.408 ng

RT: 26.27 min Scan# 2867

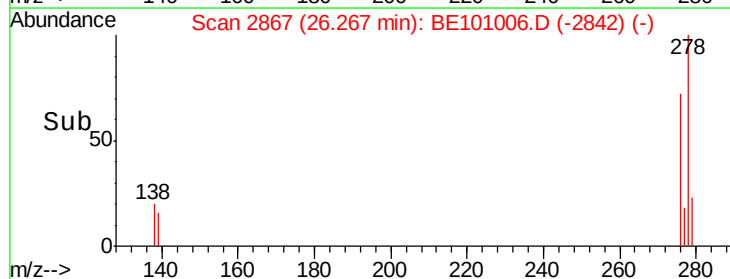
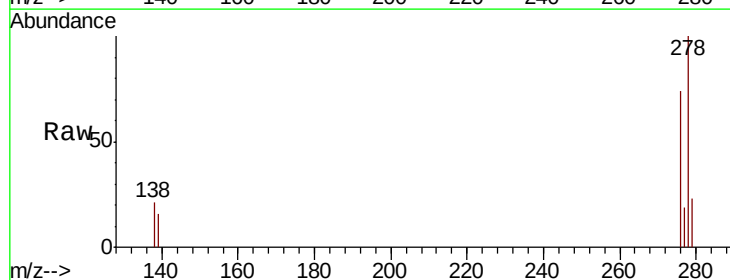
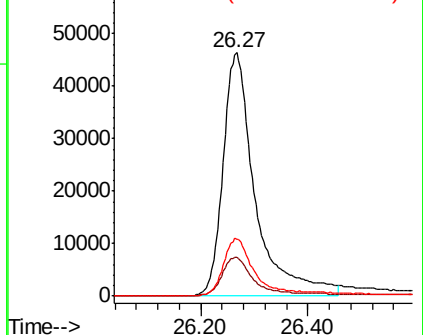
Delta R.T. -0.01 min

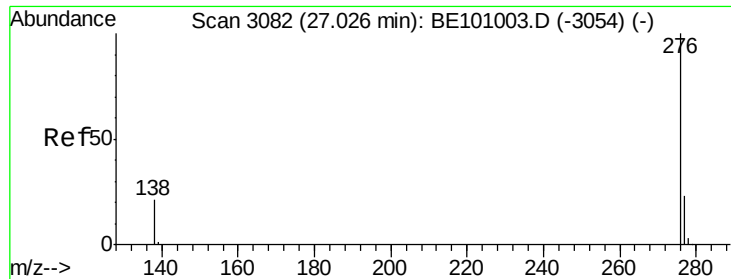
Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Tgt Ion:	278	Resp:	193464
Ion Ratio	Lower	Upper	
278	100		
139	15.7	15.0	22.4
279	23.3	22.6	33.8

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





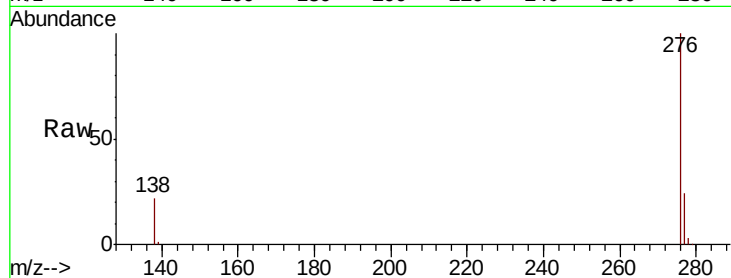
#39
 Benzo(a,h,i)perylene
 Concen: 4.209 ng
 RT: 27.02 min Scan# 3078
 Delta R.T. -0.01 min
 Lab File: BE101006.D
 Acq: 8 Jan 2020 16:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion:	276	Resp:	217600
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.4	29.2
138	21.7	17.9	26.9

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

