

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
 Data File : BE100667.D
 Acq On : 23 Oct 2019 18:29
 Operator : JU
 Sample : PB124193BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB124193BS

Manual Integrations
 APPROVED

mohammad
 10/24/2019 2:12:05 PM

Quant Time: Oct 24 04:34:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3613	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	14581	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8325	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	19353	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	26290	0.40	ng	0.00
34) Perylene-d12	23.83	264	36270	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	2544	0.23	ng	0.00
5) Phenol-d6	7.01	99	2574	0.16	ng	0.00
8) Nitrobenzene-d5	8.99	82	4088	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8228m	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1067	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	11321	0.37	ng	0.00
25) Fluoranthene-d10	19.22	212	96572	0.39	ng	0.00
29) Terphenyl-d14	19.82	244	22891	0.40	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.38	88	1484	0.230	ng	# 50
3) n-Nitrosodimethylamine	3.69	42	1713	0.251	ng	# 89
6) bis(2-Chloroethyl)ether	7.28	93	4364	0.338	ng	97
9) Naphthalene	10.68	128	50043	0.326	ng	100
10) Hexachlorobutadiene	10.98	225	1645	0.247	ng	98
12) 2-Methylnaphthalene	12.29	142	8025	0.307	ng	97
16) Acenaphthylene	14.20	152	12343	0.345	ng	99
17) Acenaphthene	14.53	154	7485	0.323	ng	98
18) Fluorene	15.50	166	10360	0.337	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	3300	0.335	ng	93
21) Hexachlorobenzene	16.52	284	2709	0.289	ng	98
22) Pentachlorophenol	16.85	266	1985	0.657	ng	97
23) Phenanthrene	17.24	178	18930	0.356	ng	100
24) Anthracene	17.32	178	16538	0.335	ng	100
26) Fluoranthene	19.25	202	24123	0.347	ng	99
28) Pyrene	19.61	202	25064	0.341	ng	99
30) Benzo(a)anthracene	21.34	228	28834	0.336	ng	99
31) Chrysene	21.39	228	29935	0.349	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	70719	0.394	ng	100
33) Indeno(1,2,3-cd)pyrene	26.44	276	43436	0.412	ng	99
35) Benzo(b)fluoranthene	23.07	252	35213	0.333	ng	100
36) Benzo(k)fluoranthene	23.12	252	37038	0.341	ng	# 95
37) Benzo(a)pyrene	23.72	252	35246	0.358	ng	99
38) Dibenzo(a,h)anthracene	26.46	278	36218	0.356	ng	99
39) Benzo(g,h,i)perylene	27.23	276	37486	0.366	ng	99

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

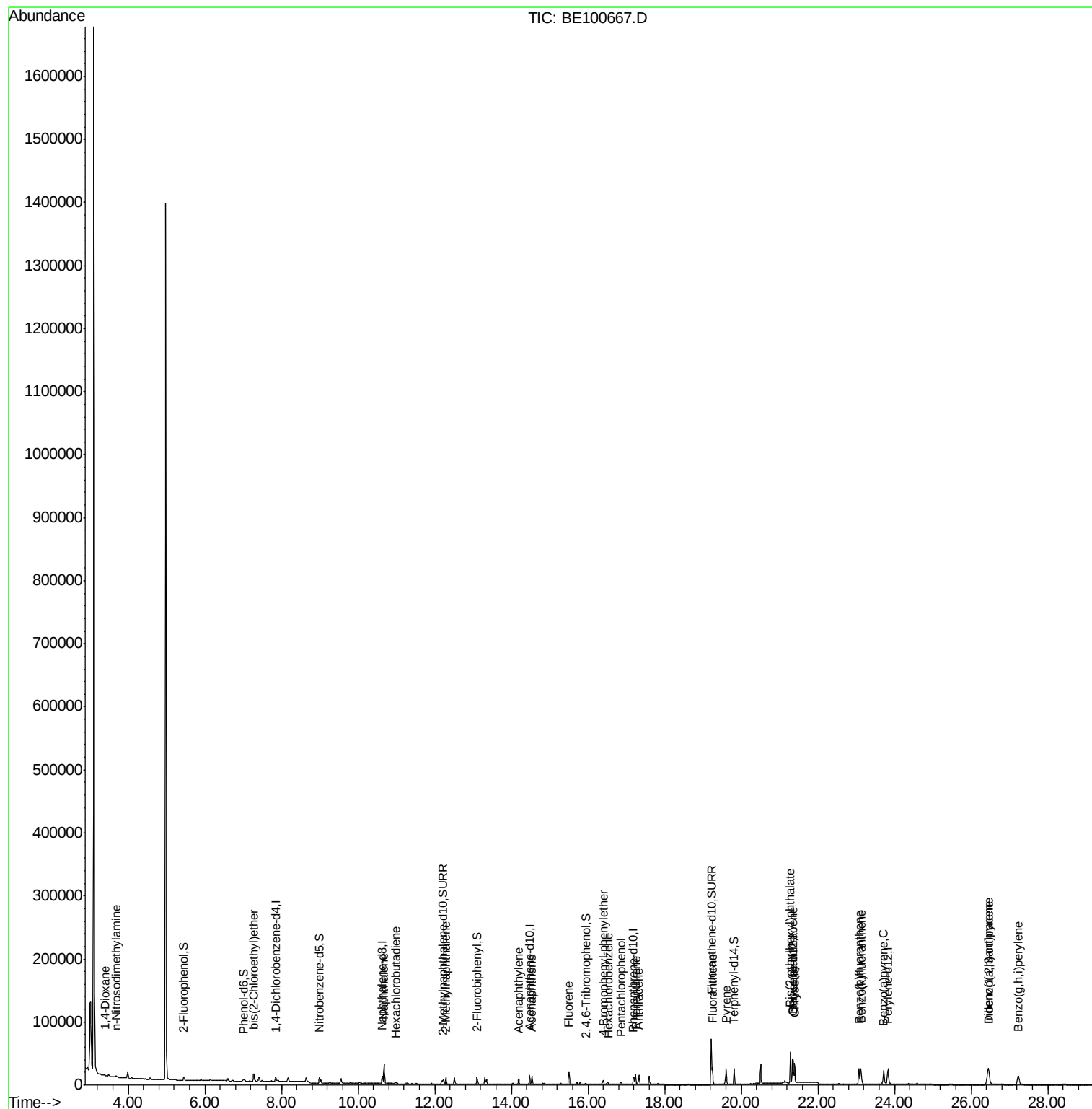
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100667.D
Acq On : 23 Oct 2019 18:29
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#1

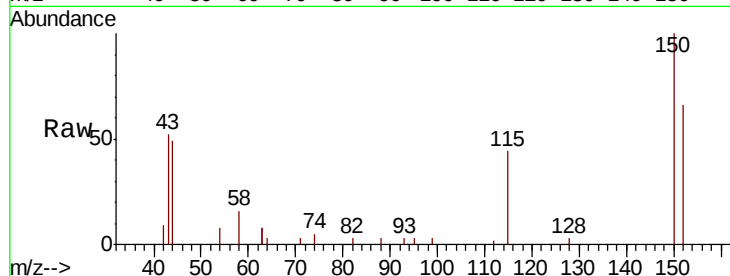
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :
PB124193BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.3	184.9
115	66.5	51.9	77.9

Manual Integrations
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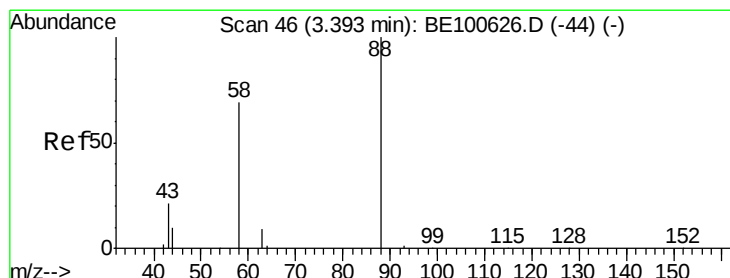
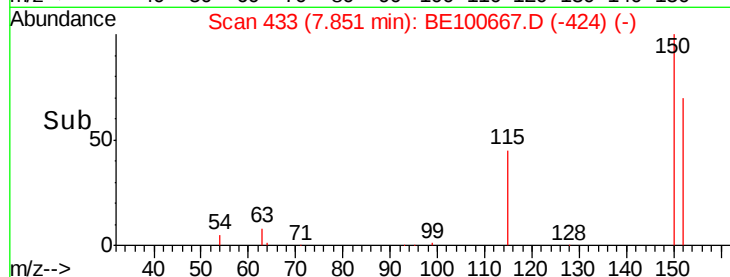
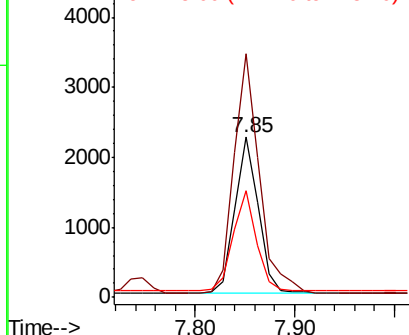


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

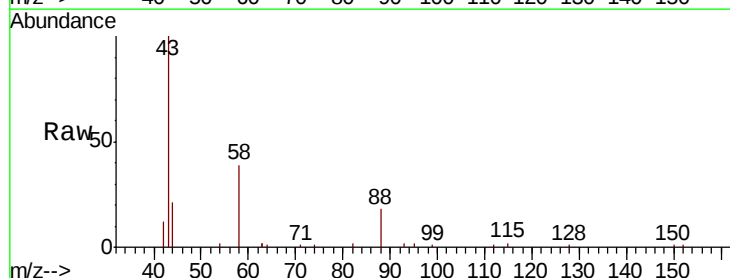
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.230 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	114.8	59.8	89.6#
43	0.0	24.6	36.8#

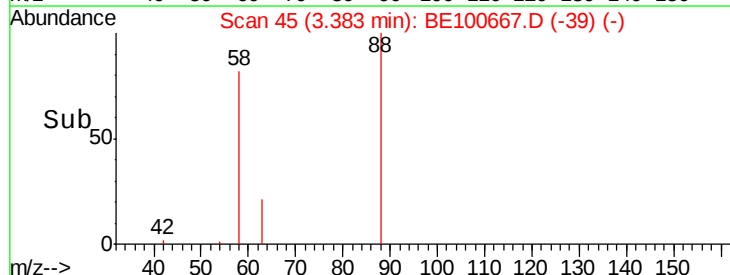
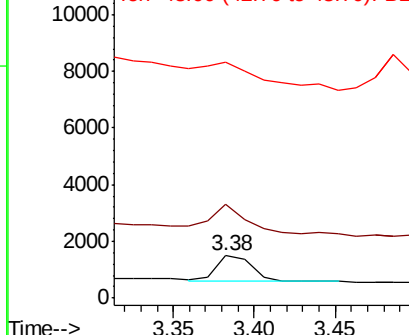


Abundance

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: 0.251 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

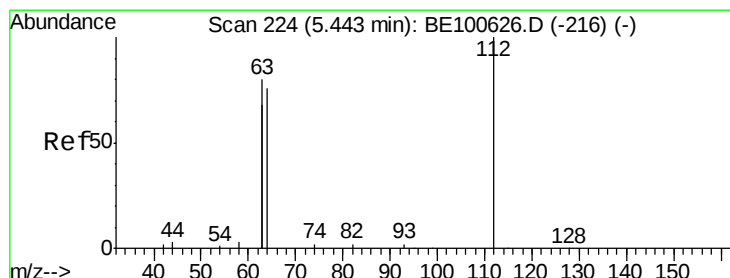
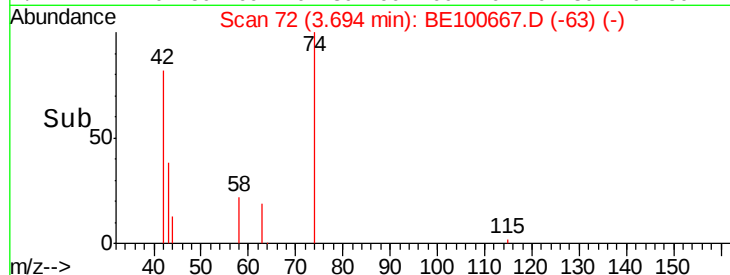
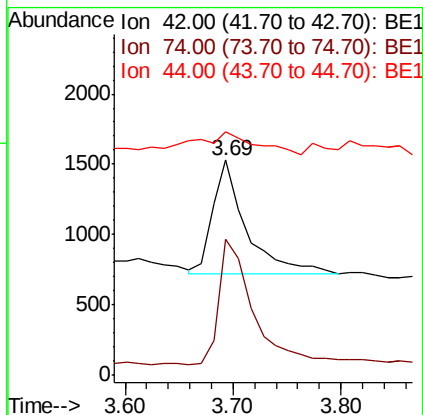
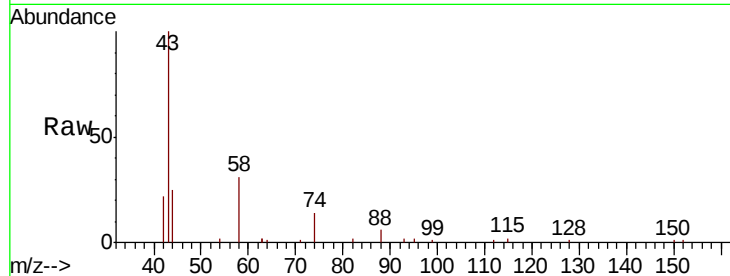
ClientSampleId :

PB124193BS

Tot Ion:	42	Resp:	1713
Ion	Ratio	Lower	Upper
42	100		
74	113.8	97.2	145.8
44	37.1	16.6	24.8#

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#4

2-Fluorophenol

Concen: 0.228 ng

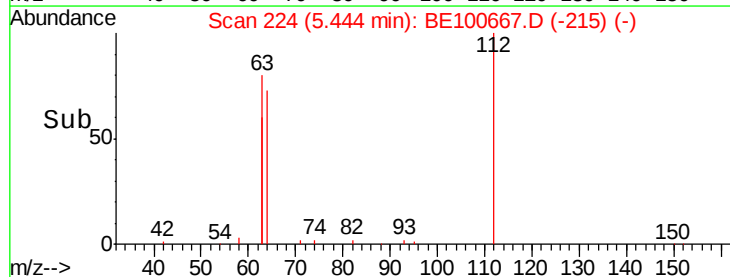
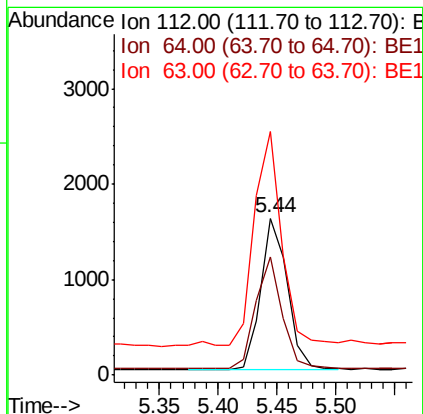
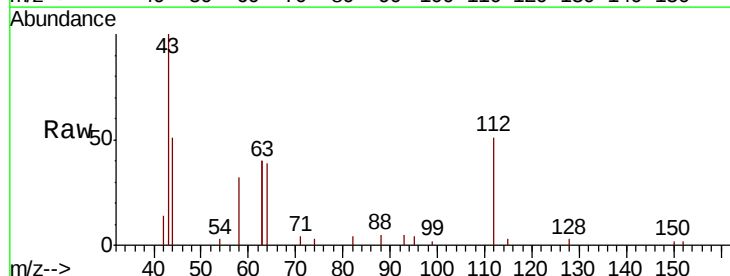
RT: 5.44 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Tgt Ion:	112	Resp:	2544
Ion	Ratio	Lower	Upper
112	100		
64	72.6	55.4	83.2
63	144.0	114.2	171.4





#5

Phenol-d6

Concen: 0.164 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

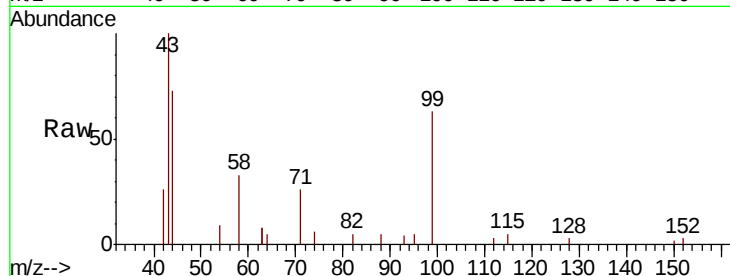
ClientSampleId :

PB124193BS

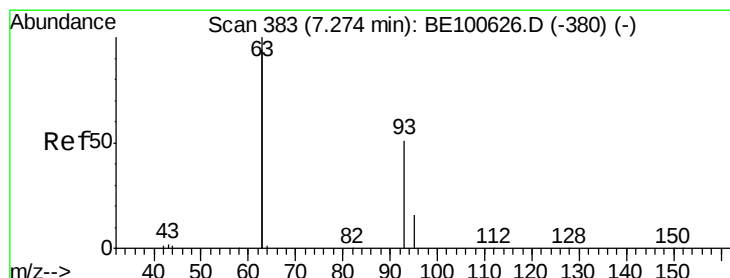
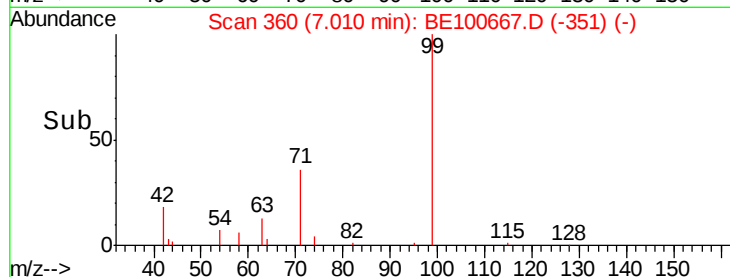
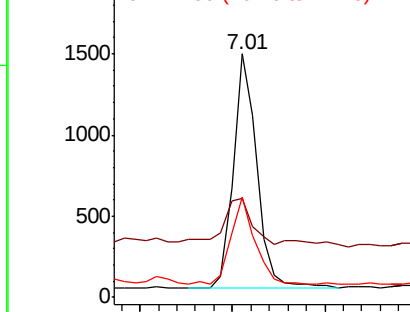
Tot Ion:	99	Resp:	2574
Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.7	26.5
71	37.8	27.4	41.0

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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: 0.338 ng

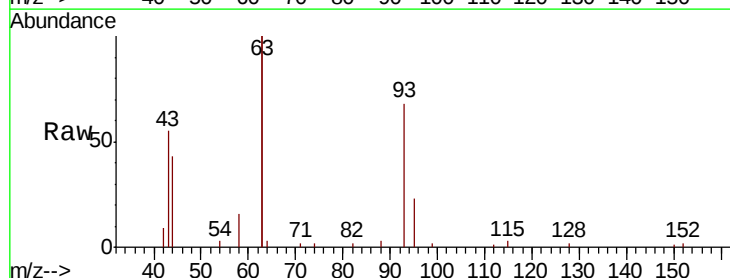
RT: 7.28 min Scan# 383

Delta R.T. 0.00 min

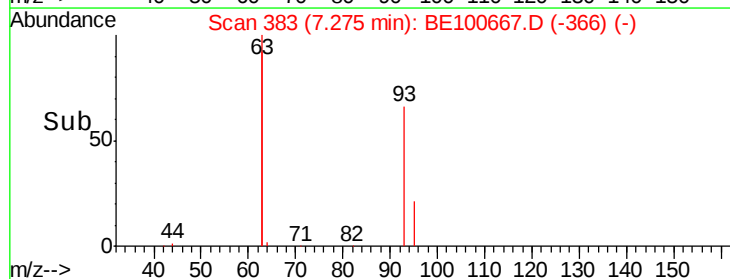
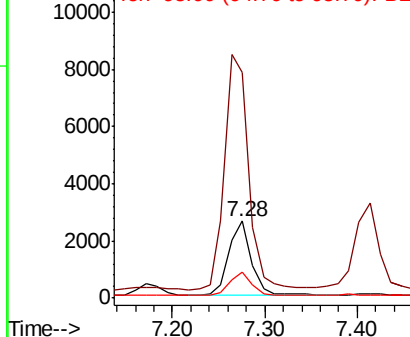
Lab File: BE100667.D

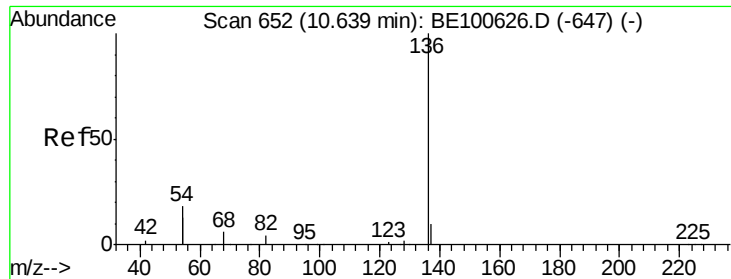
Acq: 23 Oct 2019 18:29

Tgt Ion:	93	Resp:	4364
Ion	Ratio	Lower	Upper
93	100		
63	342.3	268.8	403.2
95	30.9	25.6	38.4



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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

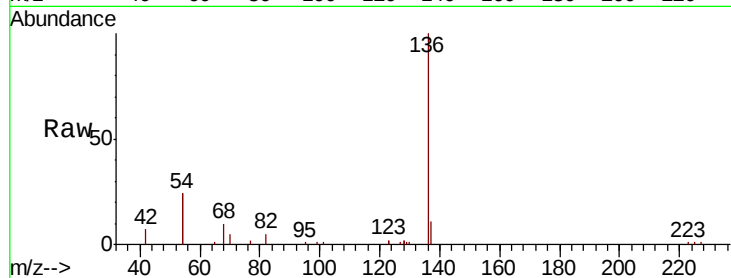
ClientSampleId :

PB124193BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	47.3	39.4	59.2
68	9.9	8.0	12.0

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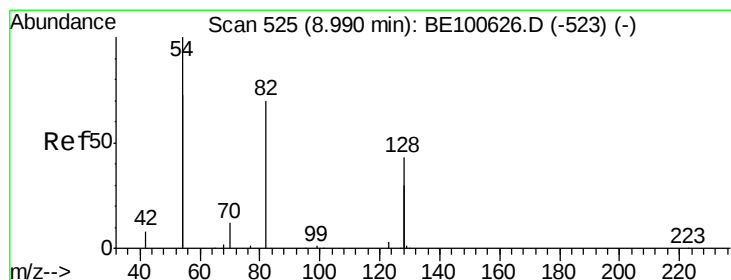
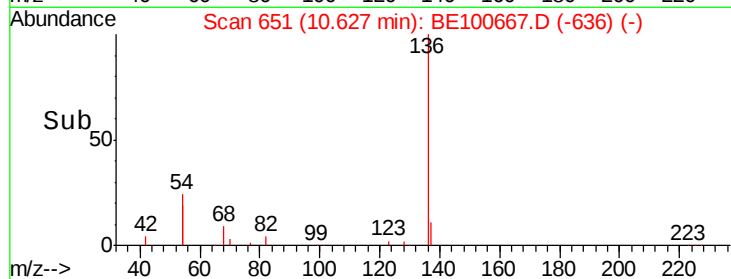
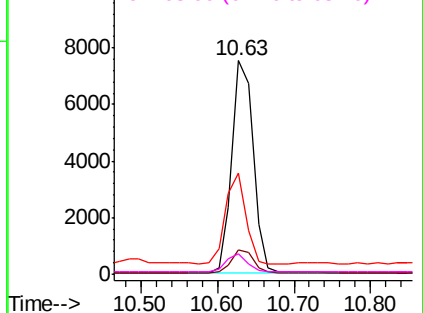
Abundance

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): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.452 ng

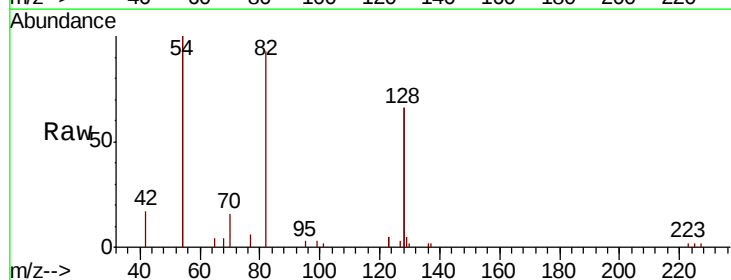
RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
82	100		
128	141.6	107.8	161.8
54	214.3	166.1	249.1

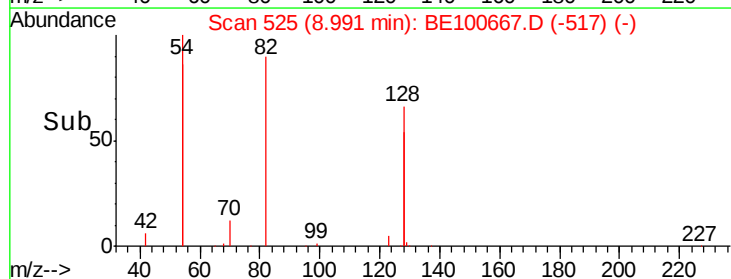
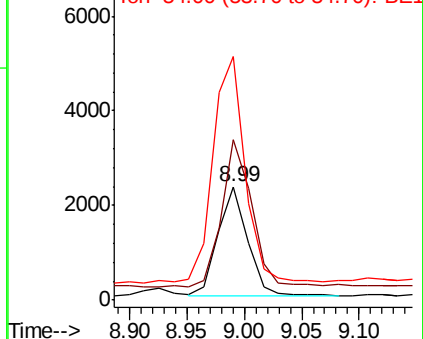


Abundance

Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.326 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

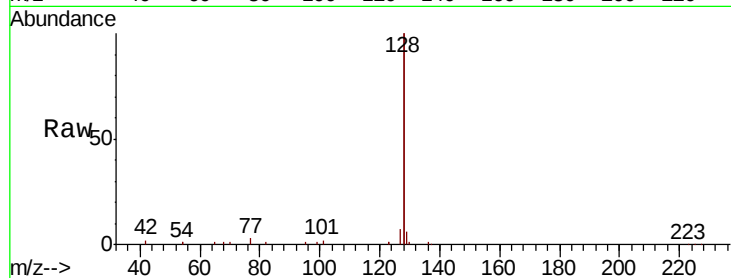
ClientSampleId :

PB124193BS

Tot Ion:	128	Resp:	50043
Ion Ratio	Lower	Upper	
128	100		
129	3.0	2.3	3.5
127	3.3	2.7	4.1

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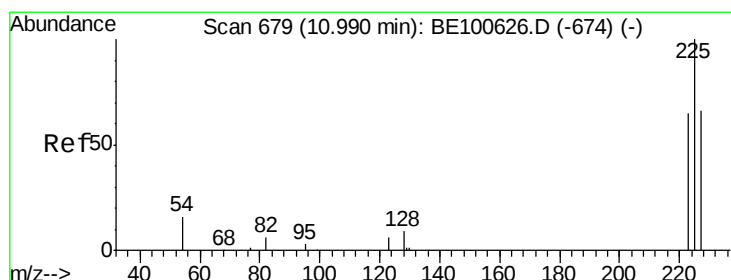
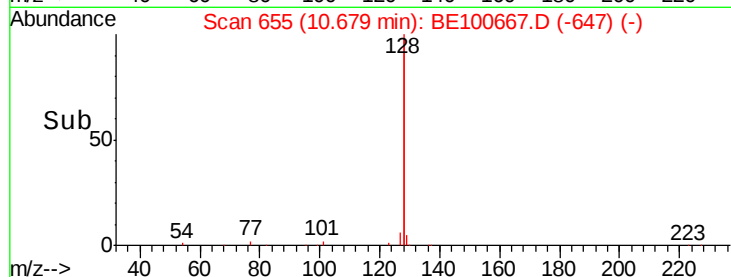
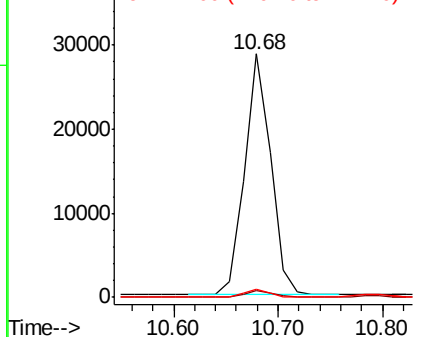


Abundance

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: 0.247 ng

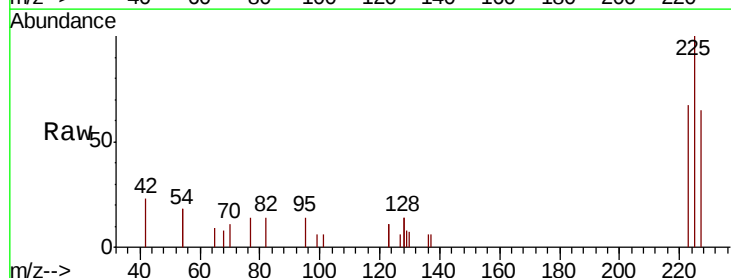
RT: 10.98 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Tgt Ion:	225	Resp:	1645
Ion Ratio	Lower	Upper	
225	100		
223	63.5	48.6	72.8
227	64.4	51.6	77.4

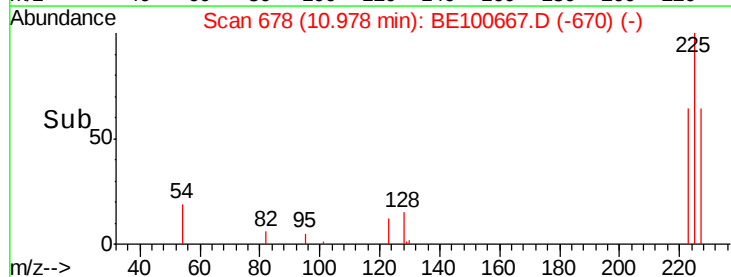
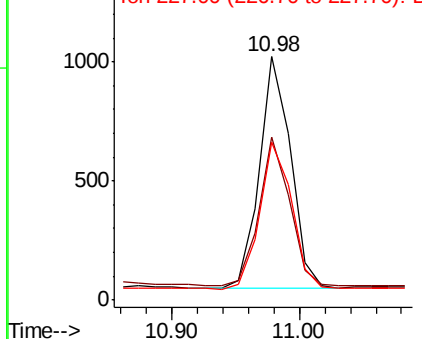


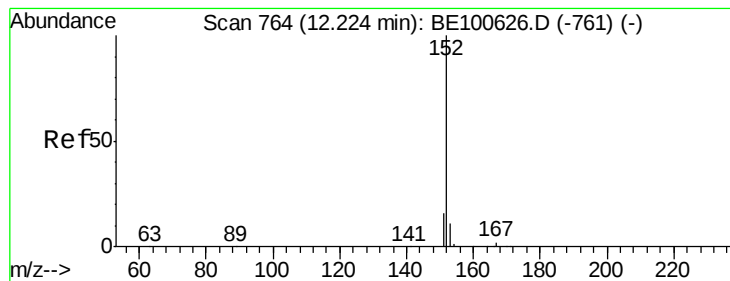
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





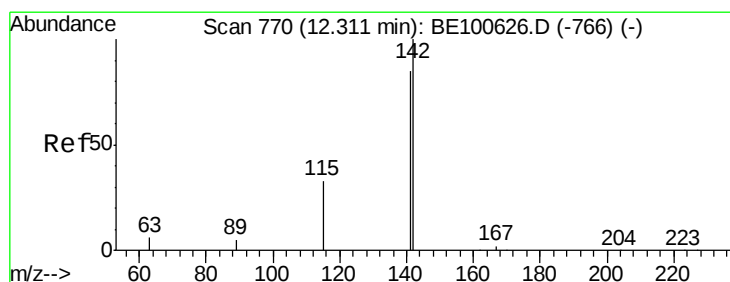
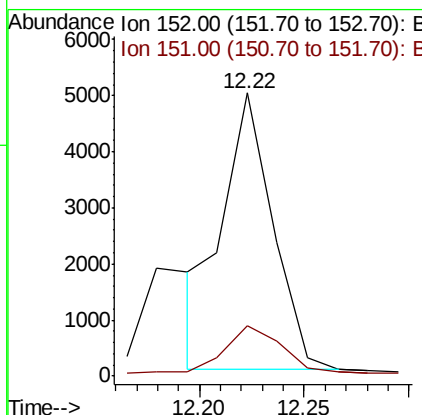
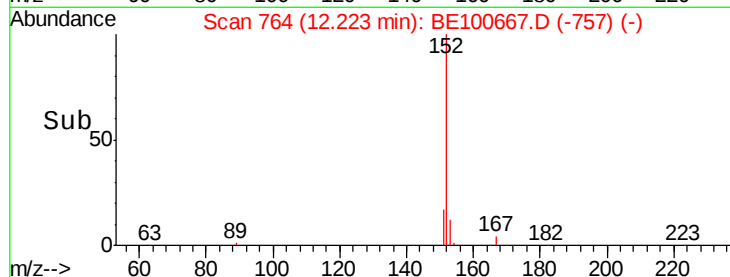
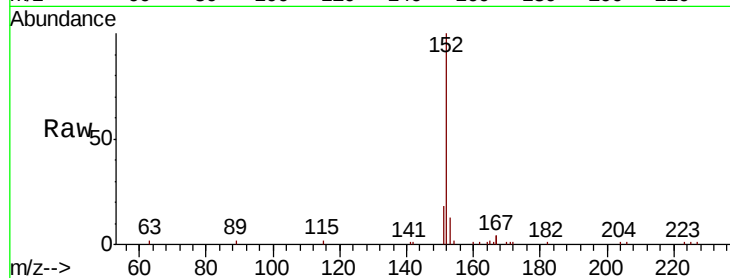
#11
 2-Methylnaphthalene-d10
 Concen: 0.358 ng m
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE100667.D
 Acq: 23 Oct 2019 18:29

Instrument :
 BNA_E
 ClientSampleId :
 PB124193BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	14.7	22.1

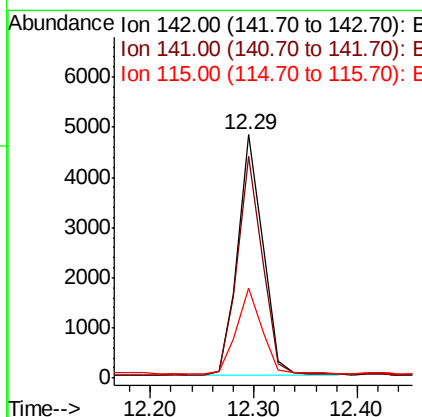
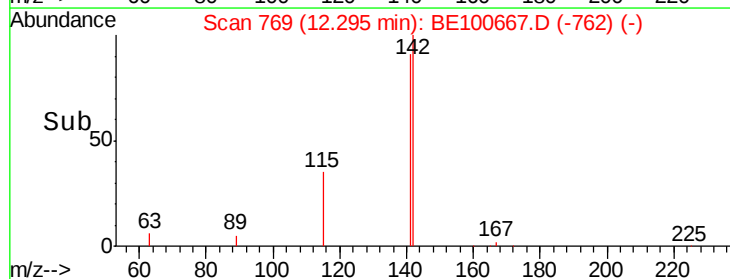
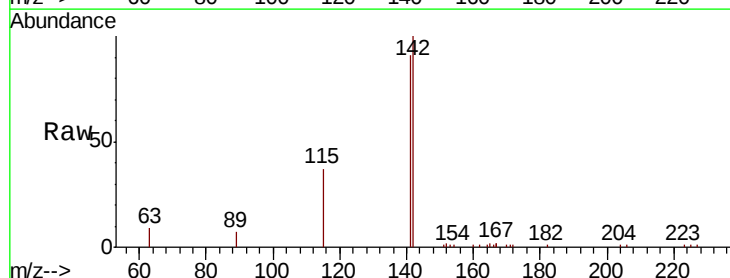
Manual Integrations
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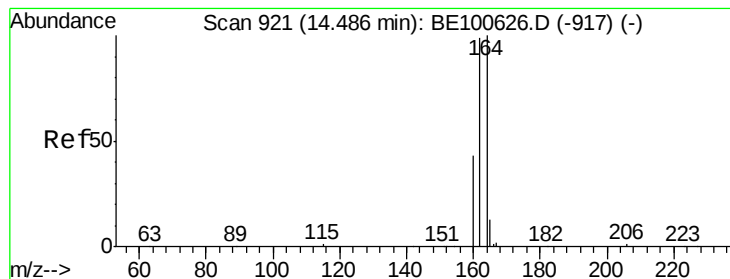
mohammad
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#12
 2-Methylnaphthalene
 Concen: 0.307 ng
 RT: 12.29 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE100667.D
 Acq: 23 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.1	105.1
115	36.9	28.3	42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

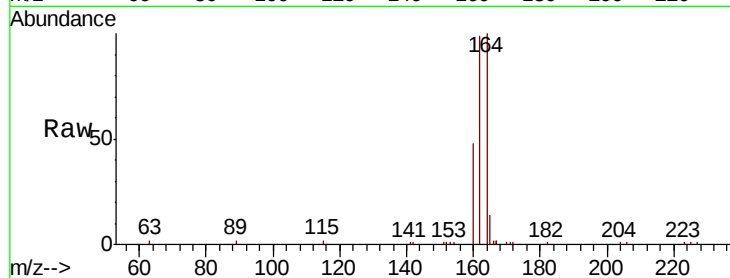
ClientSampleId :

PB124193BS

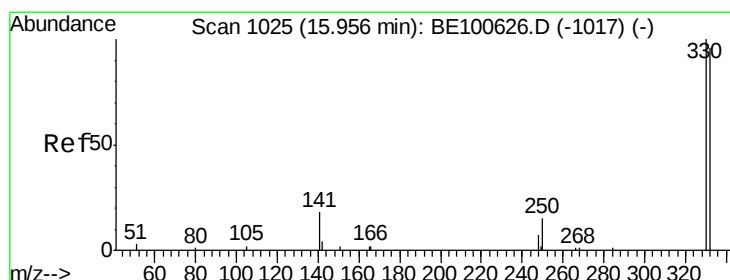
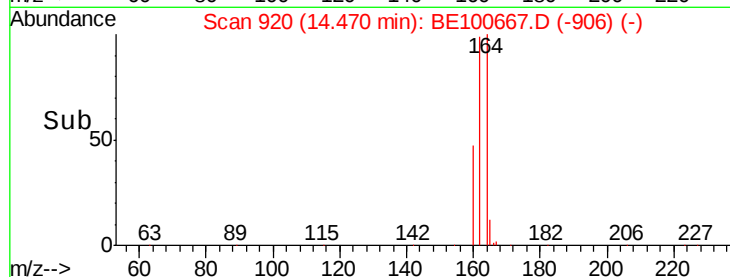
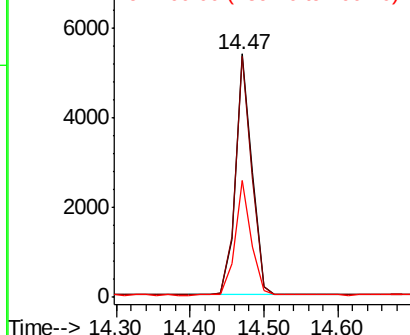
Tot Ion:	164	Resp:	8325
Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.0	123.0
160	47.8	37.5	56.3

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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: 0.485 ng

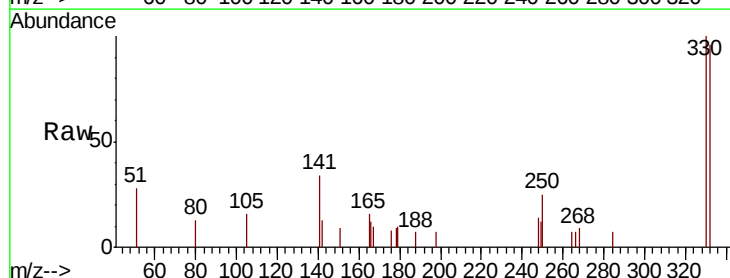
RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

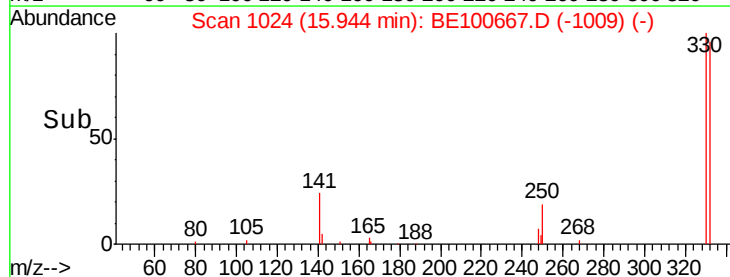
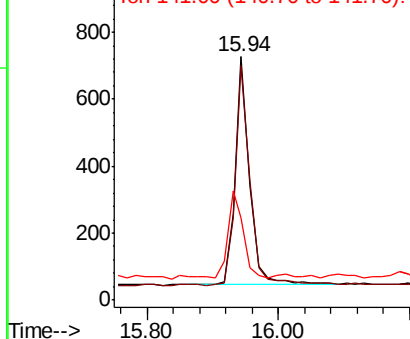
Lab File: BE100667.D

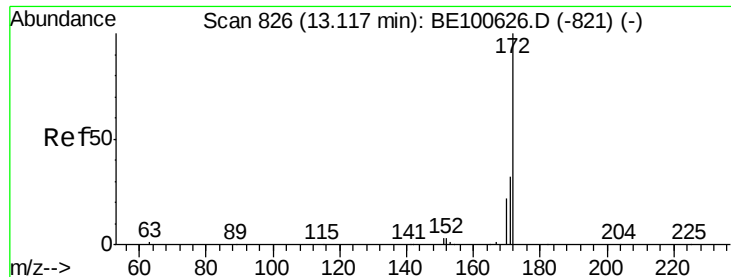
Acq: 23 Oct 2019 18:29

Tgt Ion:	330	Resp:	1067
Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.9	116.9
141	41.2	33.0	49.6



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





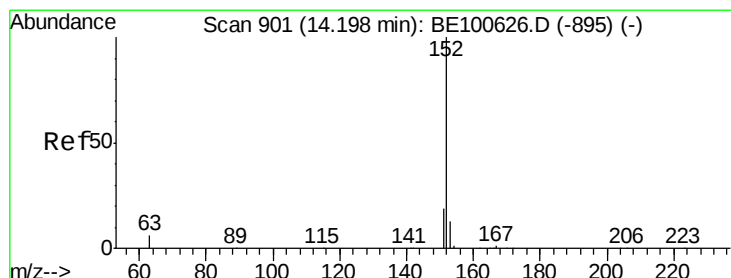
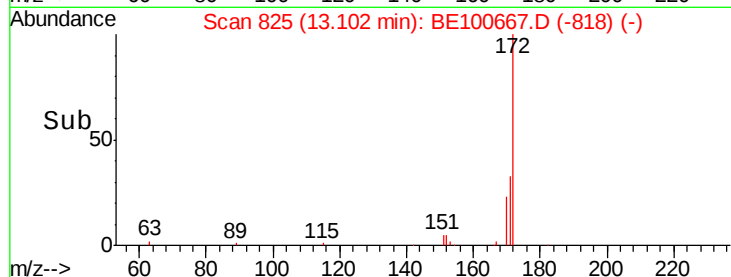
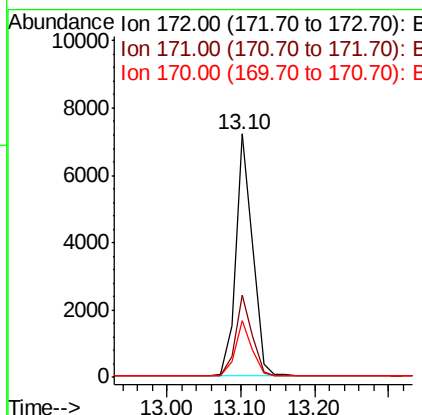
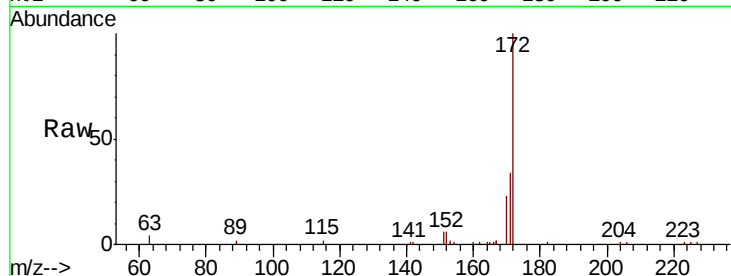
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :
PB124193BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.5	39.7
170	23.4	19.0	28.4

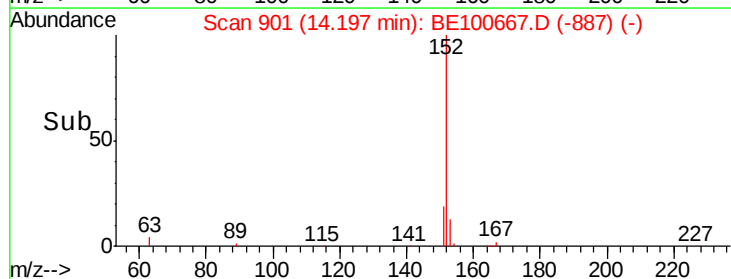
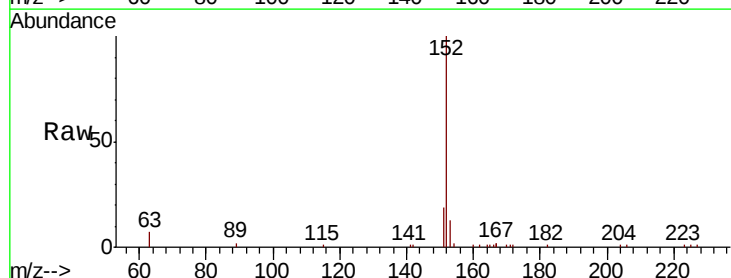
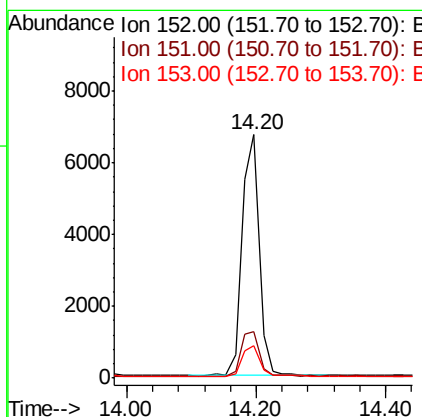
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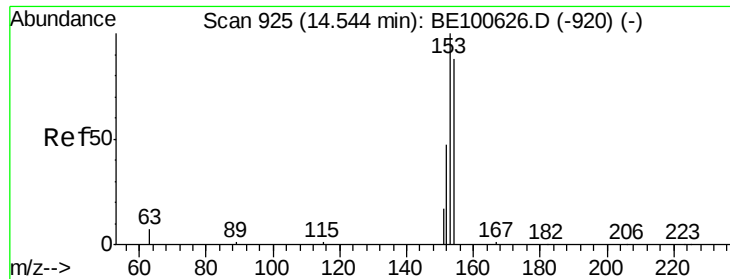
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#16
Acenaphthylene
Concen: 0.345 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.2	22.8
153	12.9	10.3	15.5





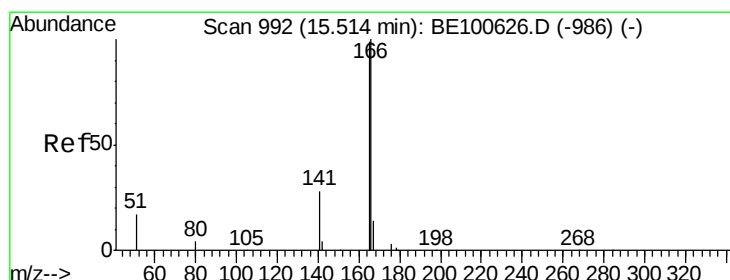
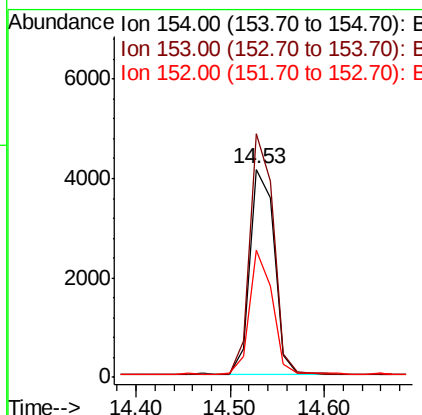
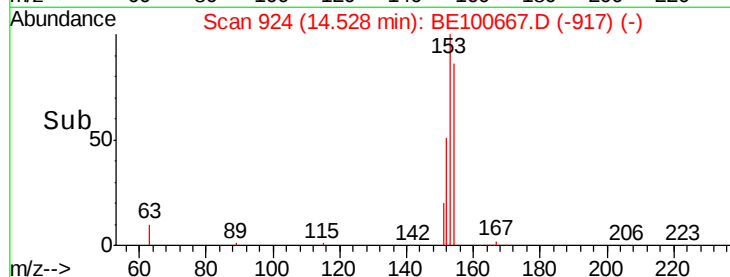
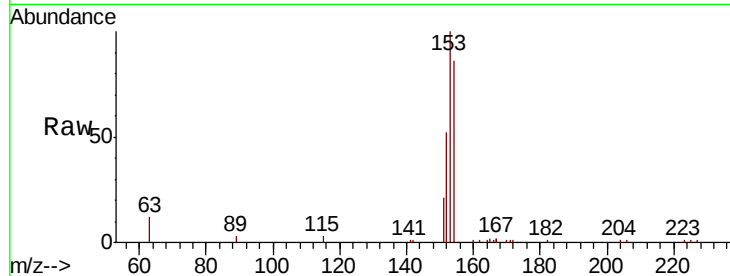
#17
Acenaphthene
Concen: 0.323 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :
PB124193BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.4	134.2
152	56.2	44.1	66.1

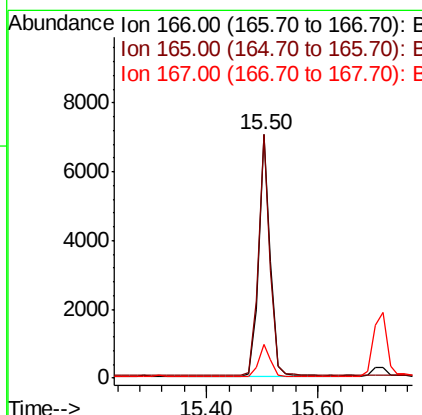
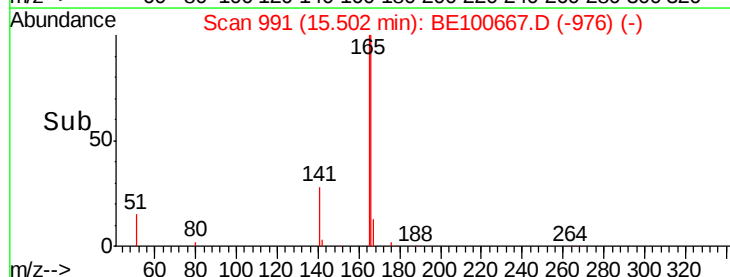
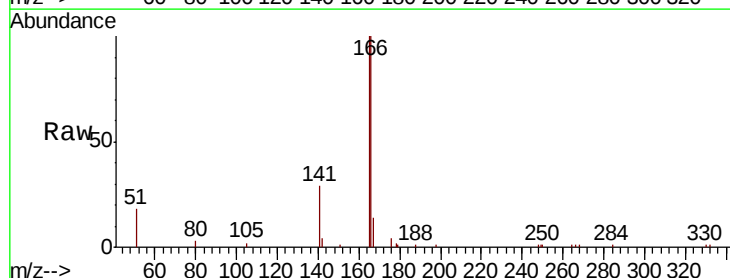
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#18
Fluorene
Concen: 0.337 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.6	117.8
167	13.5	10.9	16.3





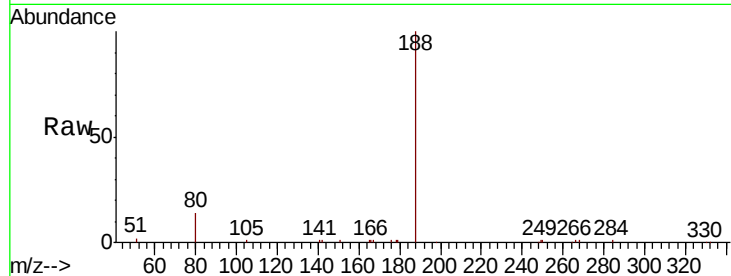
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :
PB124193BS

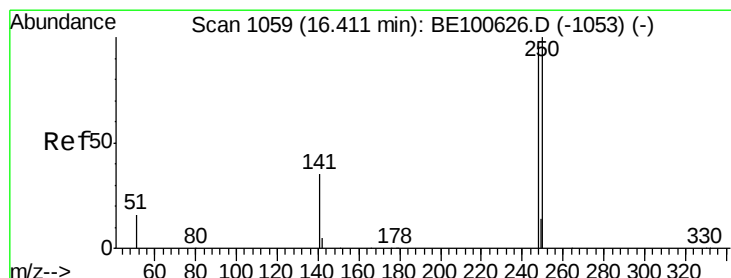
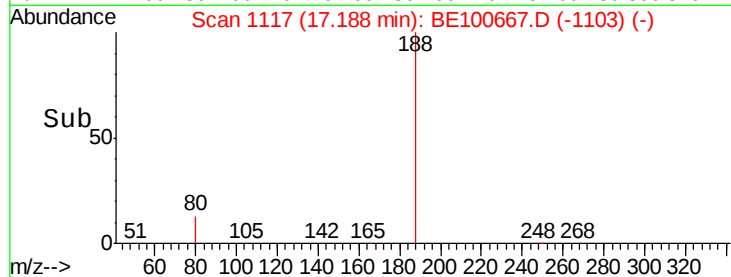
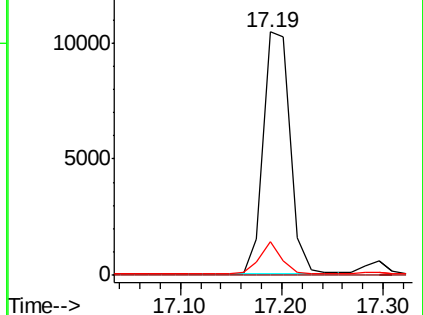
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	5.4	8.0#

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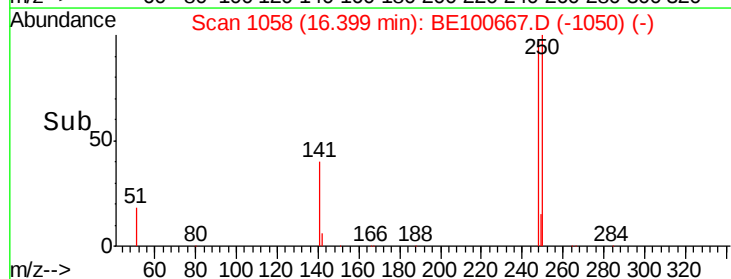
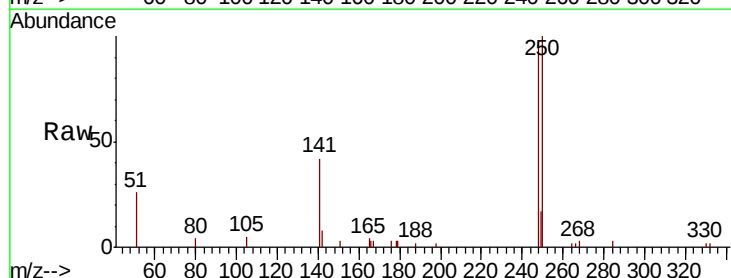
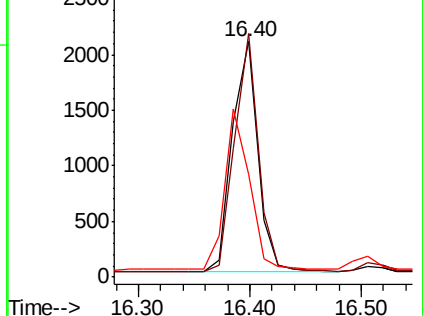
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

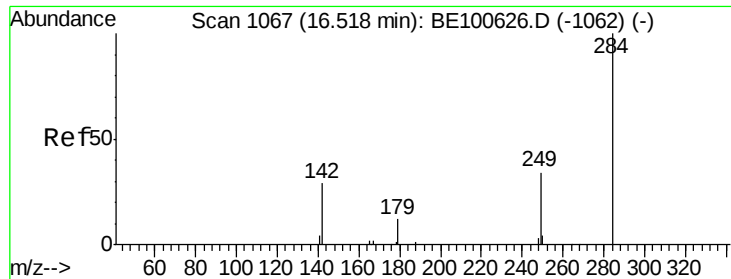


#20
4-Bromophenyl-phenylether
Concen: 0.335 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	103.4	76.3	114.5
141	43.5	37.3	55.9

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





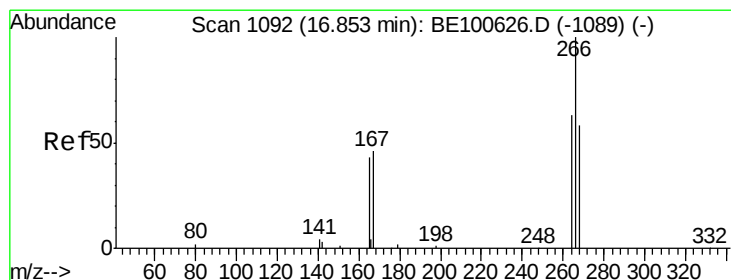
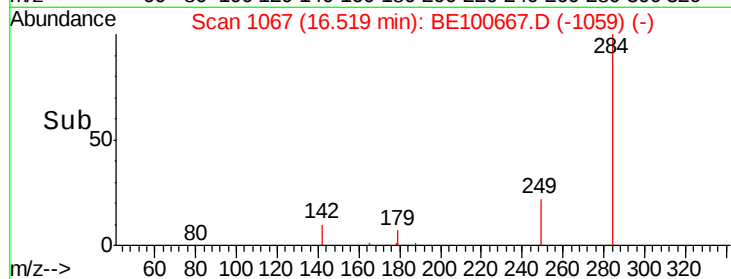
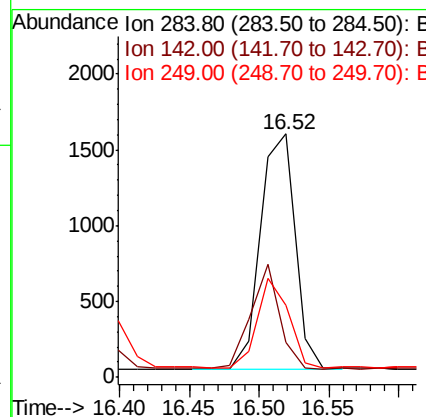
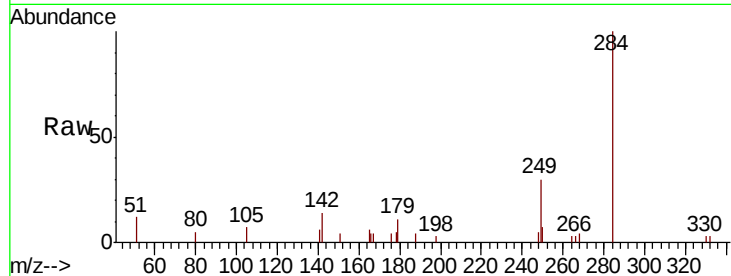
#21
Hexachlorobenzene
Concen: 0.289 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :
PB124193BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.7	28.6	42.8
249	34.3	26.3	39.5

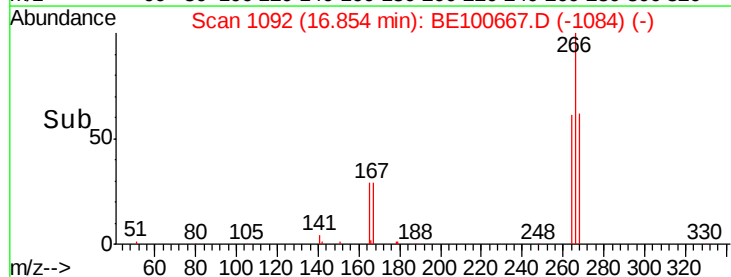
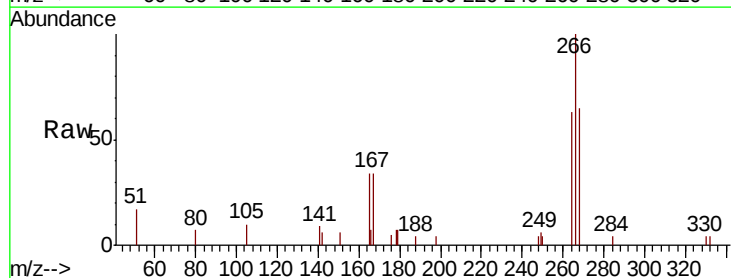
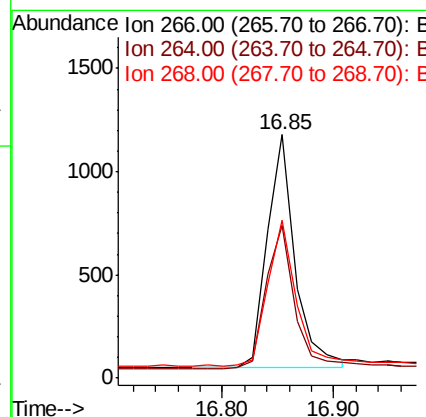
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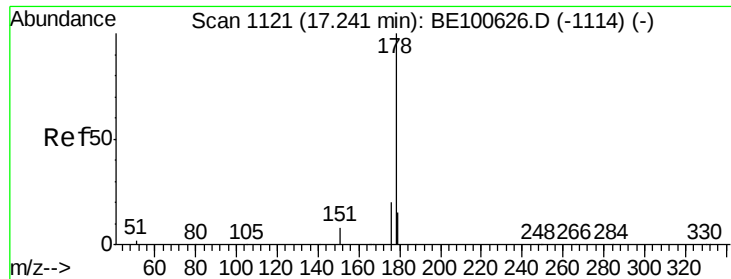
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#22
Pentachlorophenol
Concen: 0.657 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.6	52.2	78.4
268	65.0	53.1	79.7





#23

Phenanthrene

Concen: 0.356 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

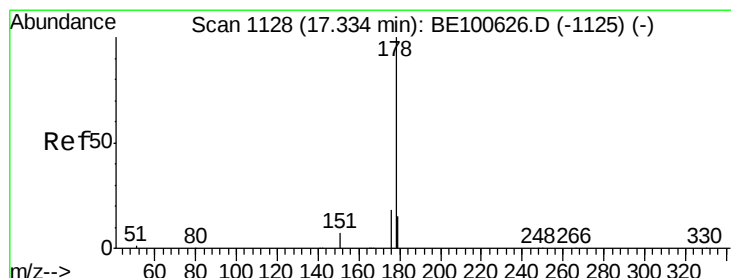
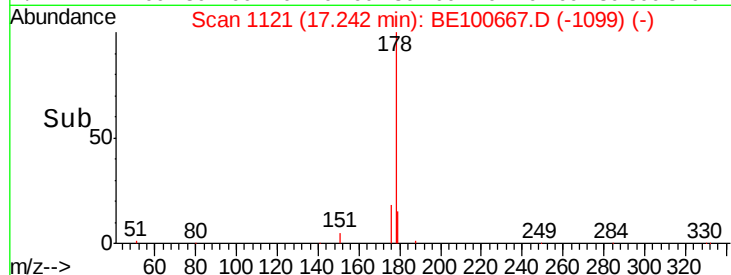
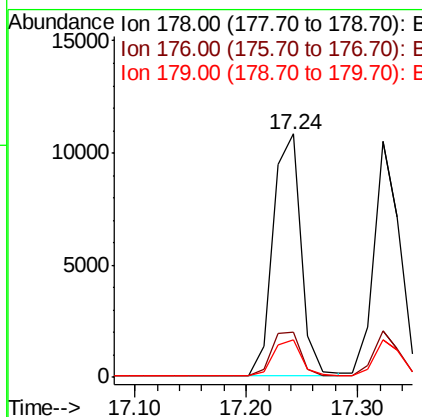
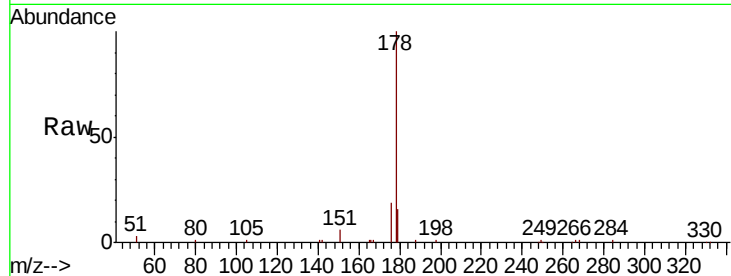
ClientSampleId :

PB124193BS

Tot Ion:	178	Resp:	18930
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.2	12.1	18.1

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#24

Anthracene

Concen: 0.335 ng

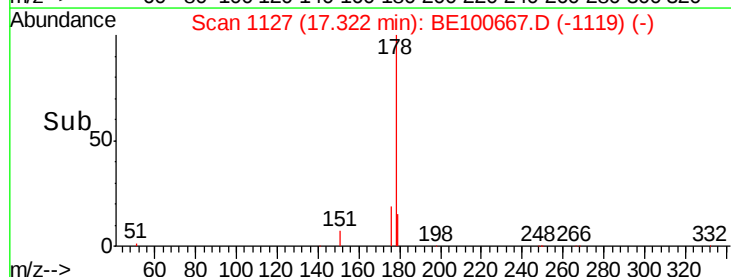
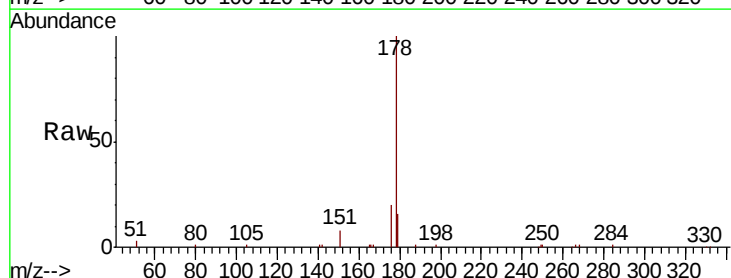
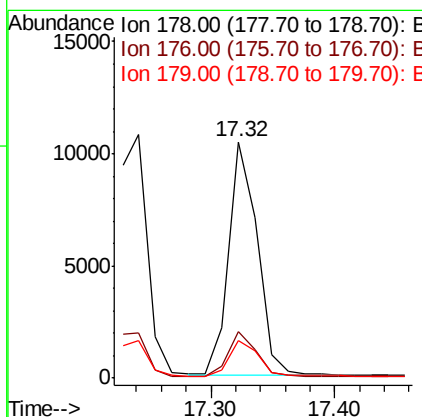
RT: 17.32 min Scan# 1127

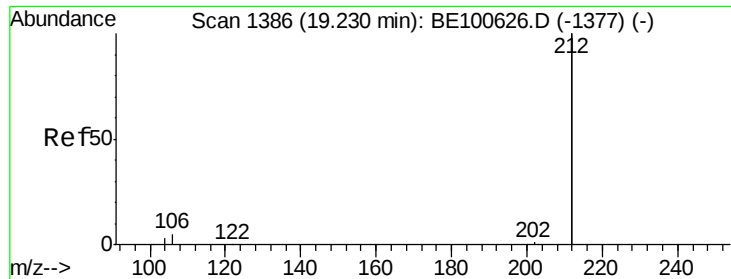
Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Tgt Ion:	178	Resp:	16538
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.7	12.5	18.7





#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

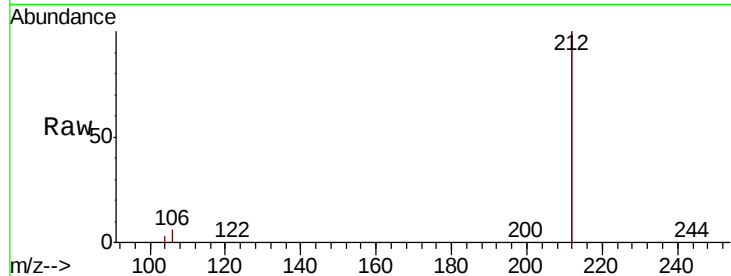
ClientSampleId :

PB124193BS

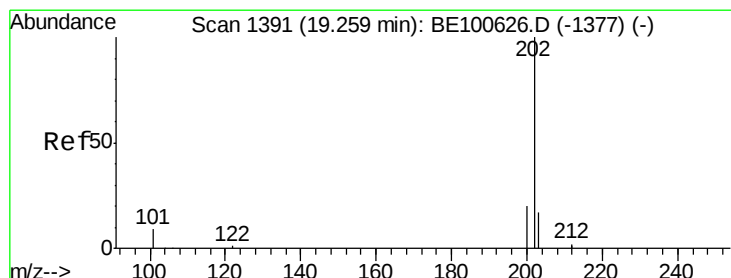
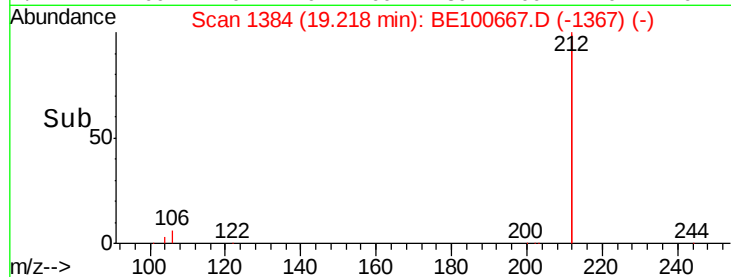
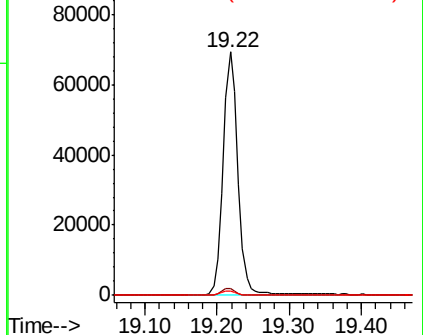
Tot Ion:	212	Resp:	96572
Ion Ratio	Lower	Upper	
212	100		
106	2.9	2.3	3.5
104	1.6	1.3	1.9

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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: 0.347 ng

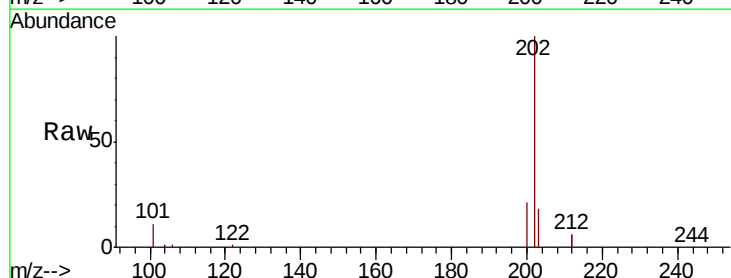
RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

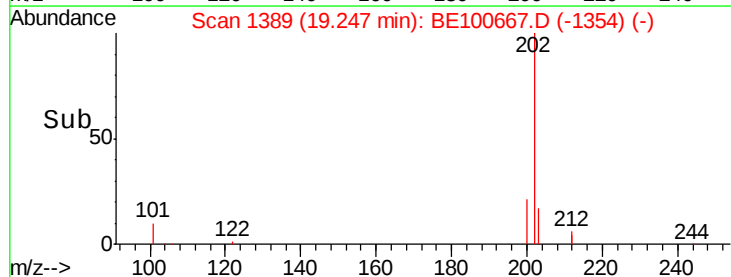
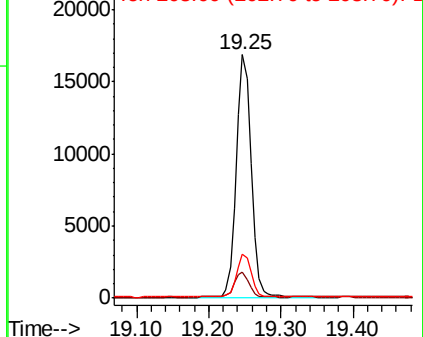
Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Tgt Ion:	202	Resp:	24123
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.5	12.7
203	17.2	13.8	20.8



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: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

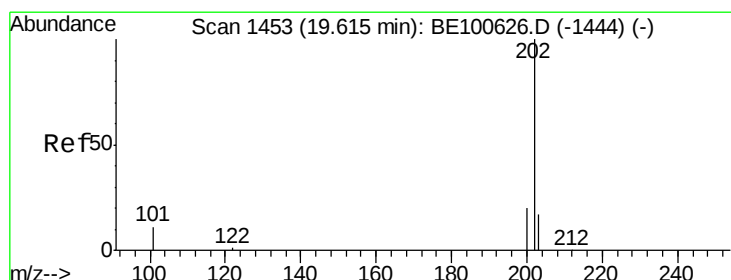
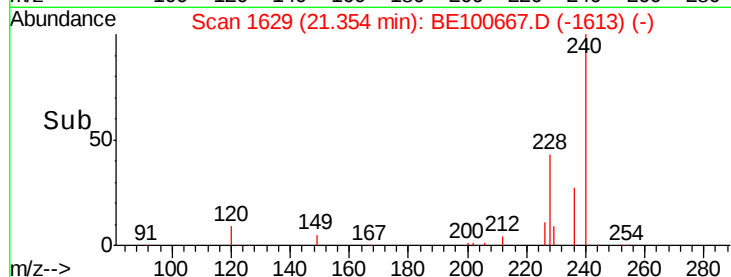
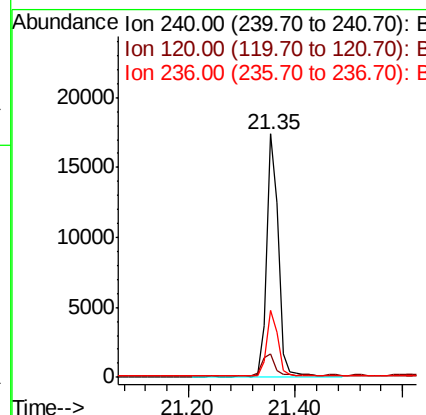
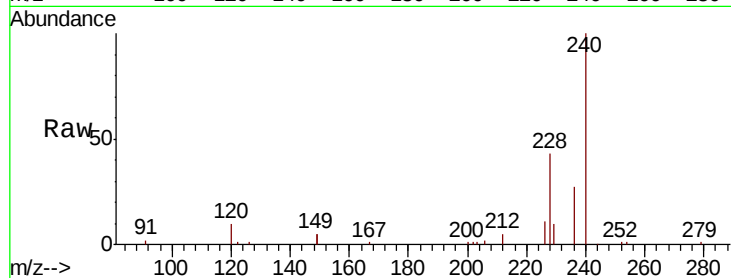
ClientSampleId :

PB124193BS

Tot Ion:	240	Resp:	26290
Ion Ratio	Lower	Upper	
240	100		
120	9.6	7.6	11.4
236	27.4	22.1	33.1

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#28

Pyrene

Concen: 0.341 ng

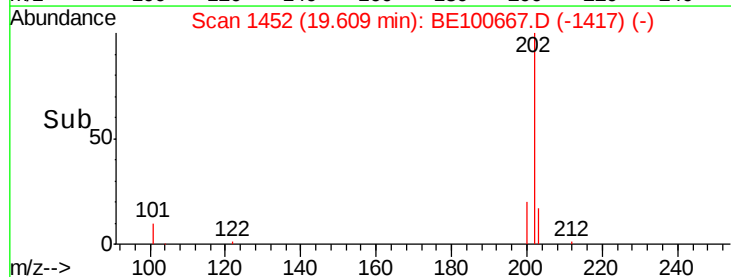
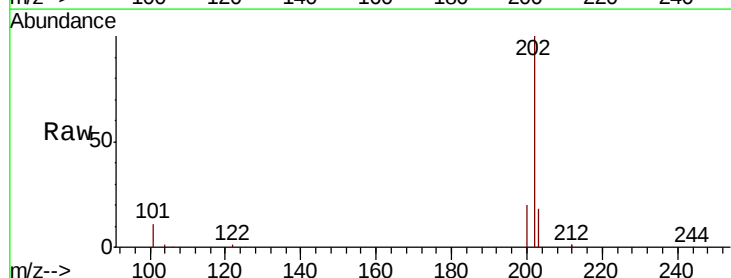
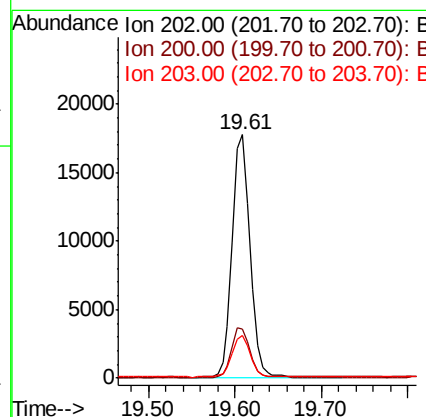
RT: 19.61 min Scan# 1452

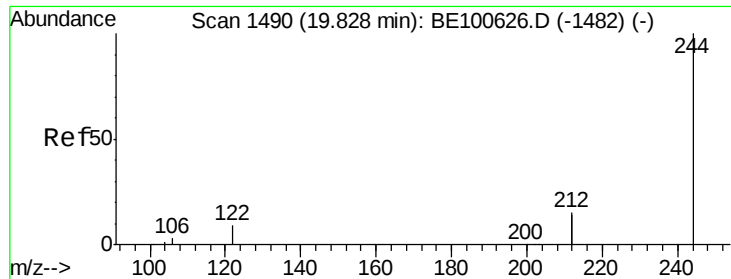
Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Tgt Ion:	202	Resp:	25064
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.7	25.1
203	17.9	14.0	21.0





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

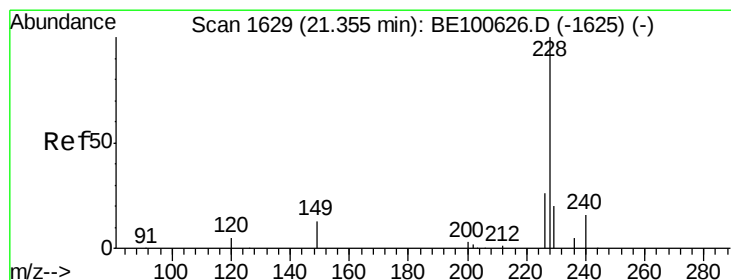
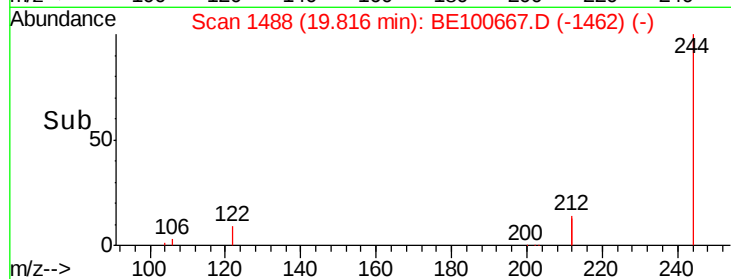
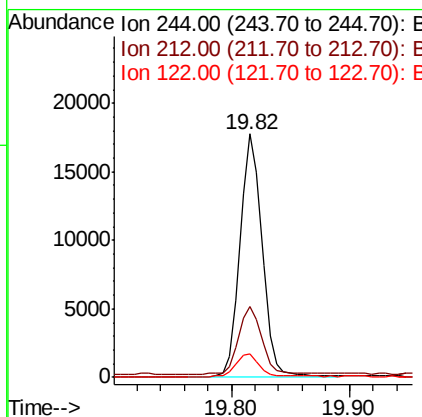
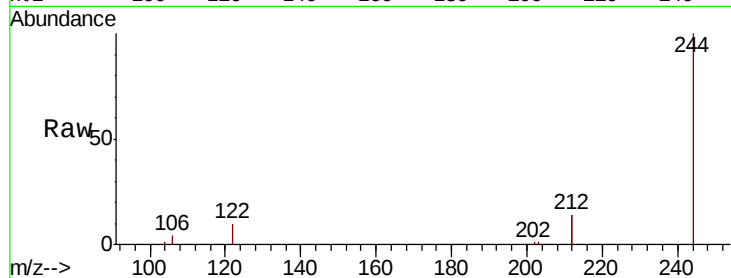
ClientSampleId :

PB124193BS

Tot Ion:	244	Resp:	22891
Ion Ratio	Lower	Upper	
244	100		
212	28.9	23.7	35.5
122	9.6	7.9	11.9

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#30

Benzo(a)anthracene

Concen: 0.336 ng

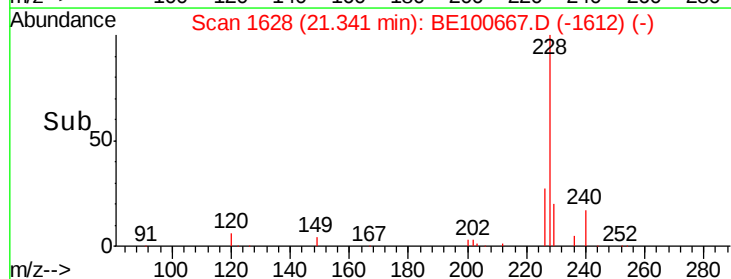
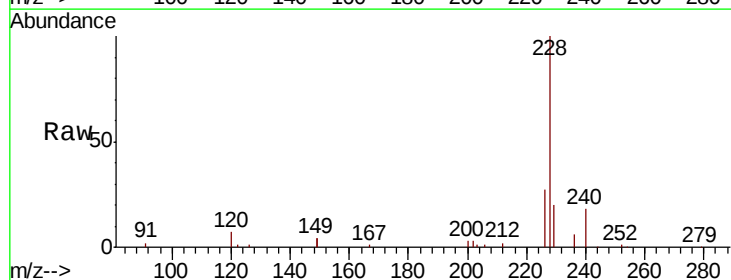
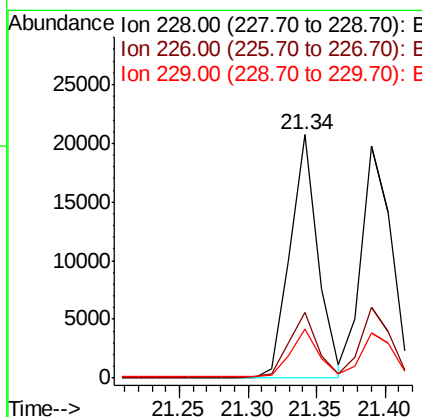
RT: 21.34 min Scan# 1628

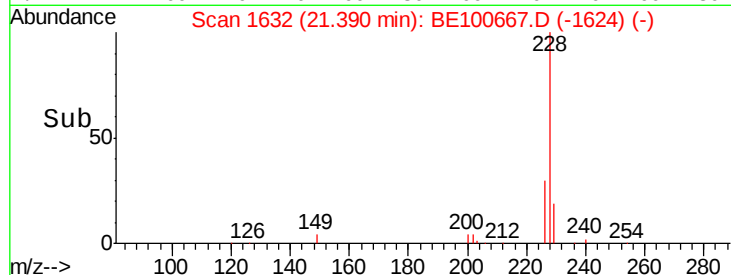
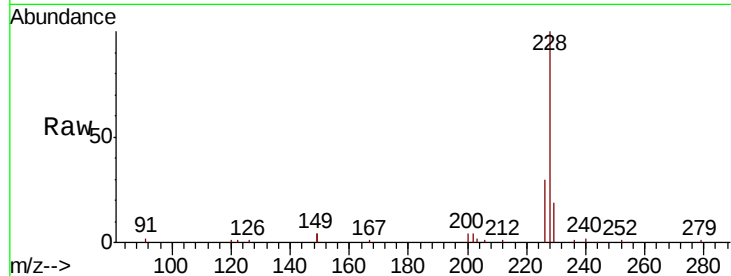
Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Tgt Ion:	228	Resp:	28834
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.4	32.0
229	19.9	16.0	24.0





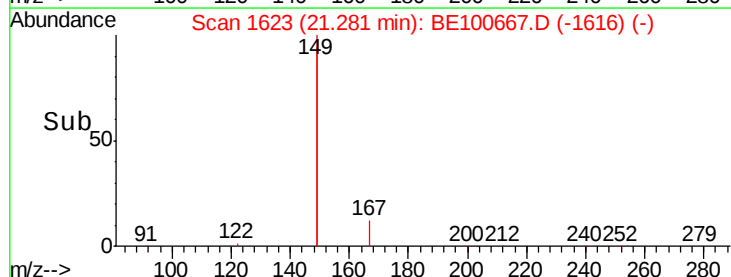
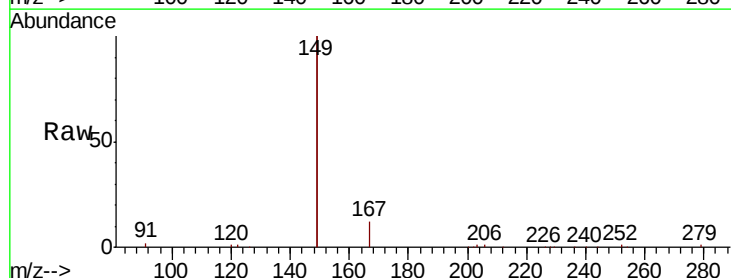
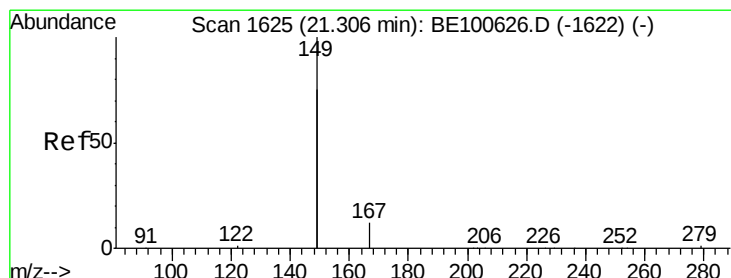
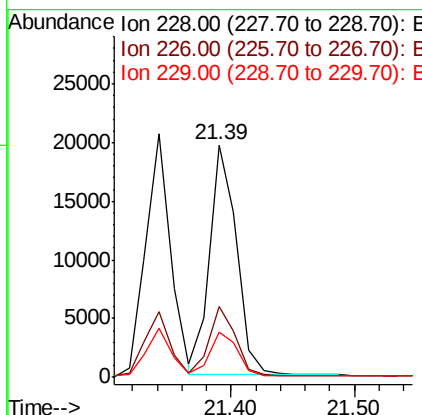
#31
 Chrysene
 Concen: 0.349 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BE100667.D
 Acq: 23 Oct 2019 18:29

Instrument :
 BNA_E
 ClientSampleId :
 PB124193BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.4	15.8	23.8

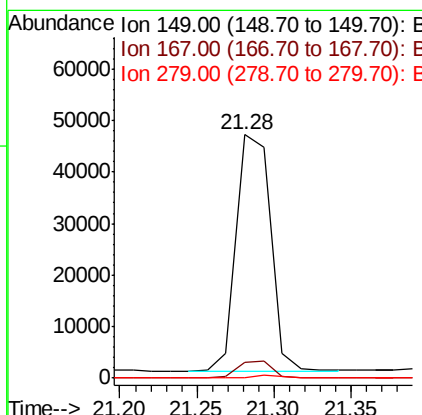
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.394 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE100667.D
 Acq: 23 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.5	8.3
279	1.0	0.9	1.3





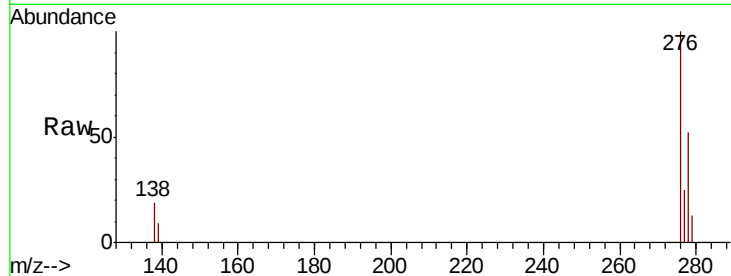
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng
RT: 26.44 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :
PB124193BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.3	22.9
277	24.8	19.4	29.2

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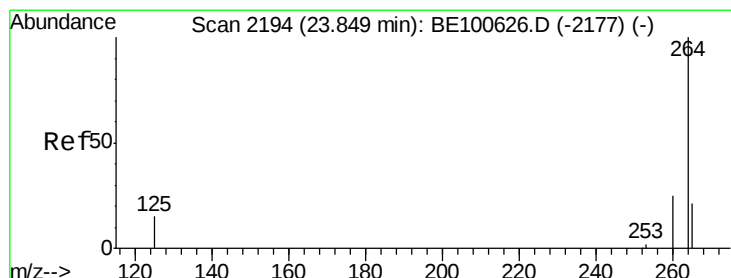
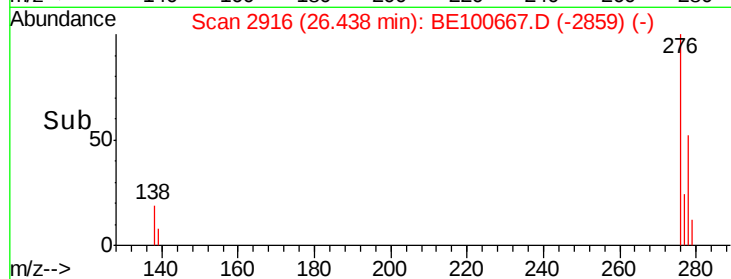
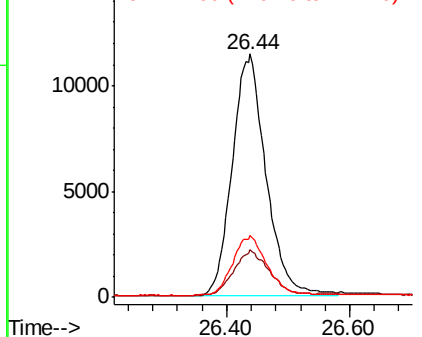


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

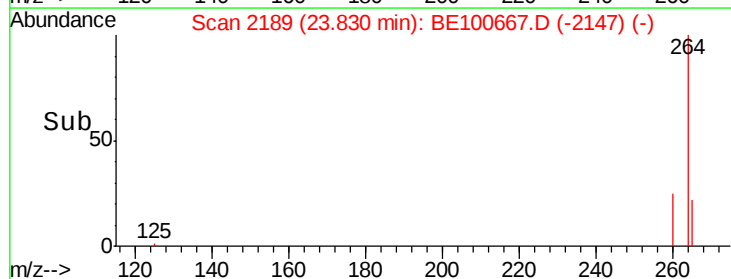
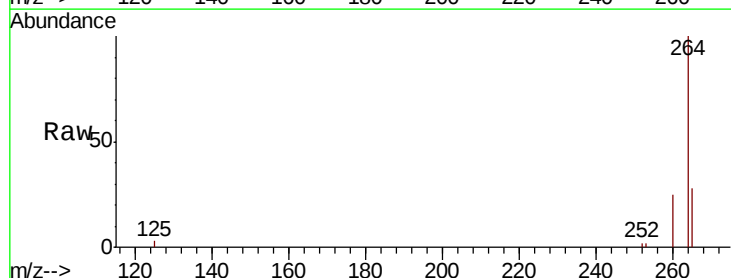
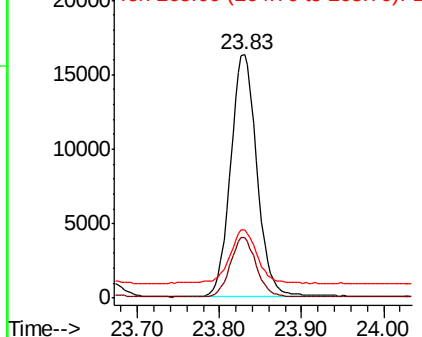
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	28.0	21.7	32.5

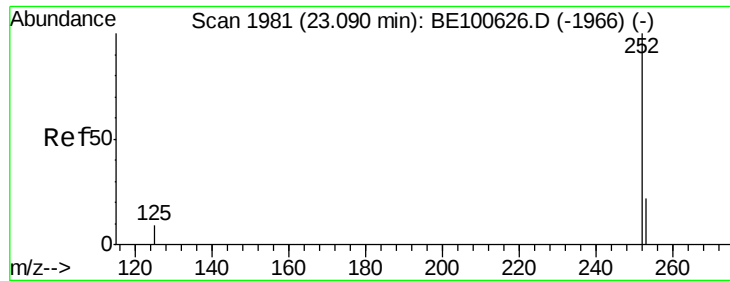
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





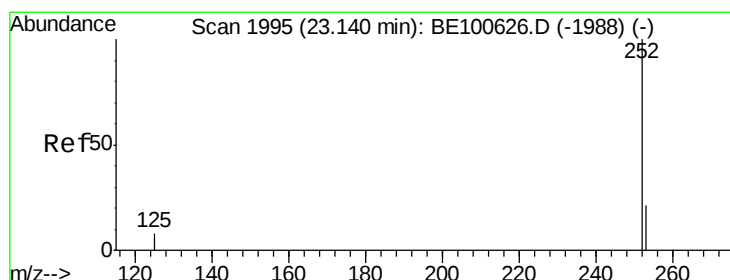
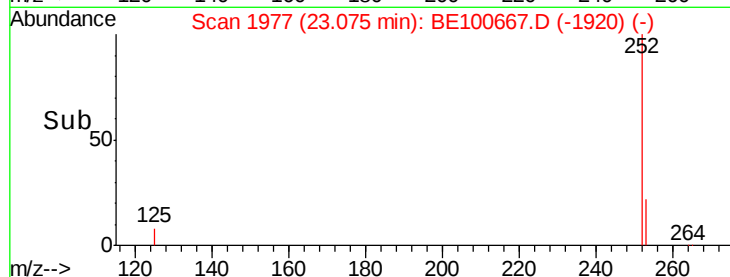
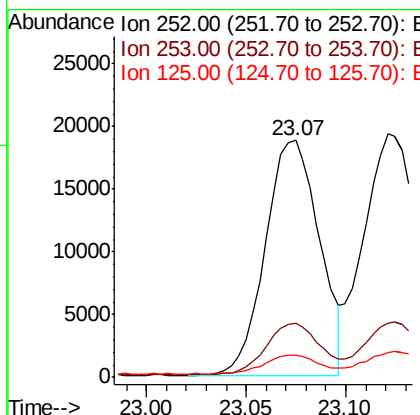
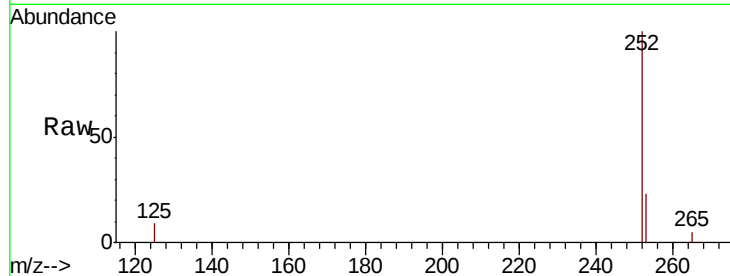
#35
Benzo(b)fluoranthene
Concen: 0.333 ng
RT: 23.07 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :
PB124193BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	9.5	7.6	11.4

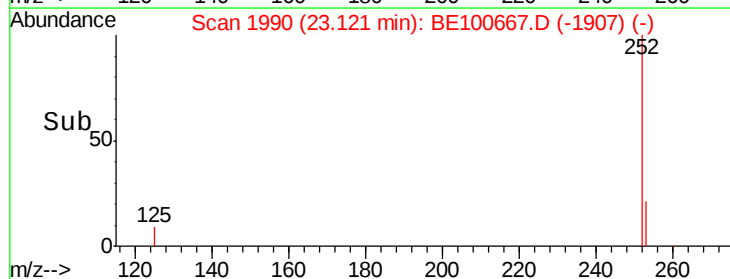
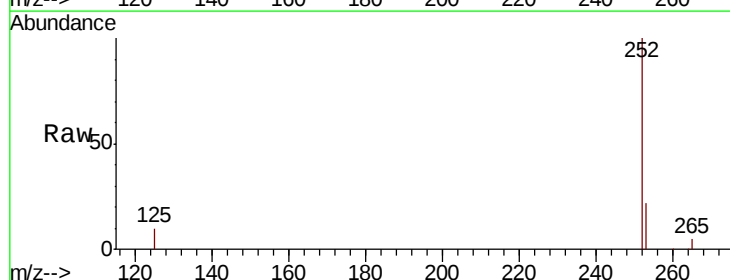
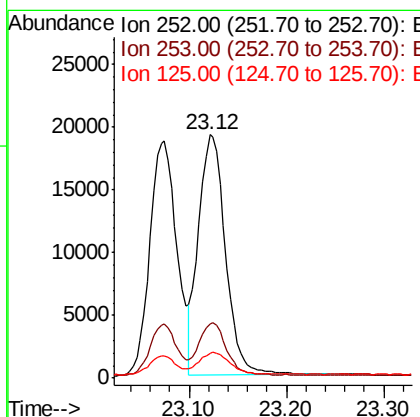
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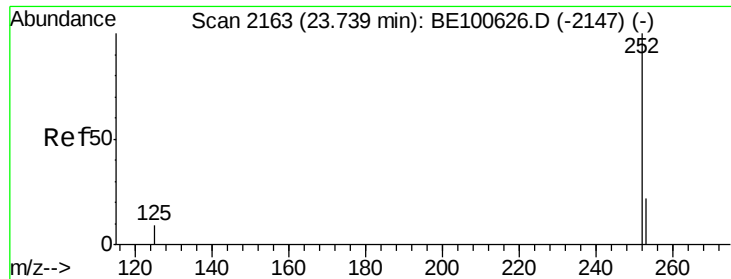
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#36
Benzo(k)fluoranthene
Concen: 0.341 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	10.0	11.6	17.4#





#37

Benzo(a)pyrene

Concen: 0.358 ng

RT: 23.72 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

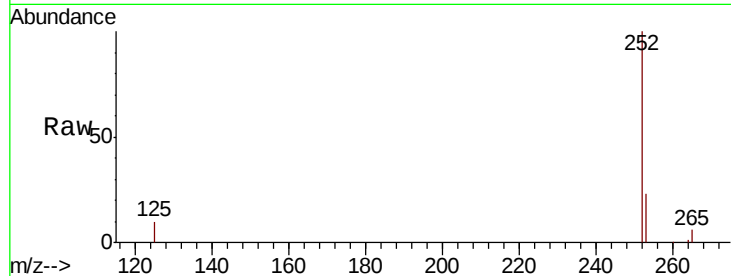
ClientSampleId :

PB124193BS

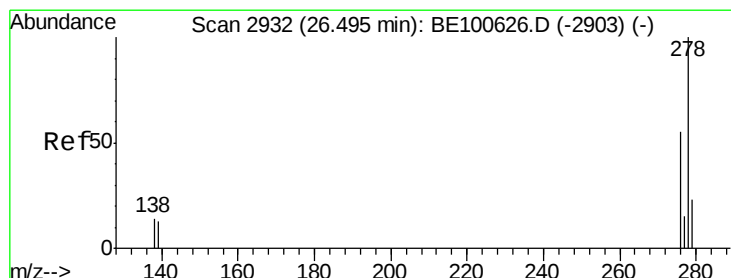
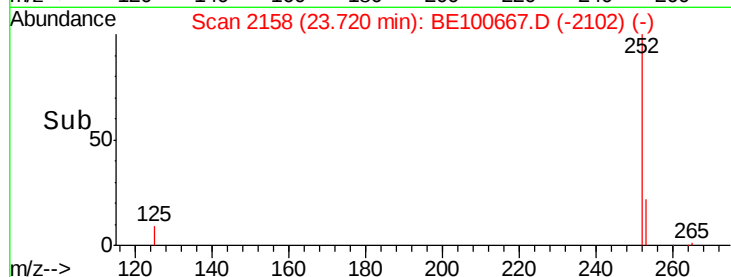
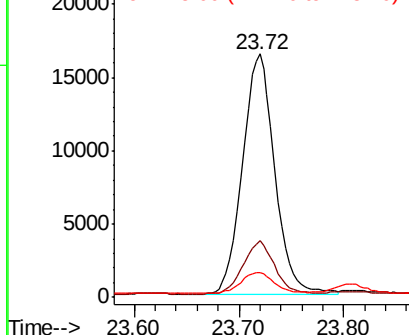
Tot Ion:	252	Resp:	35246
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.4	27.6
125	10.4	8.2	12.4

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.356 ng

RT: 26.46 min Scan# 2922

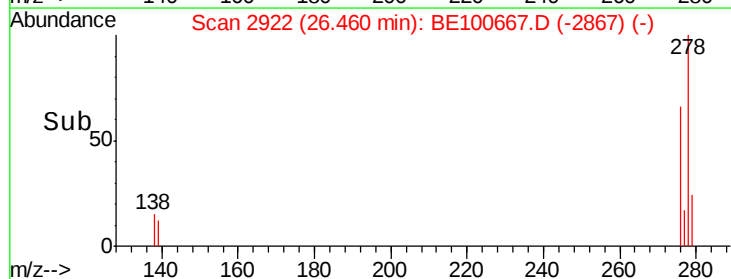
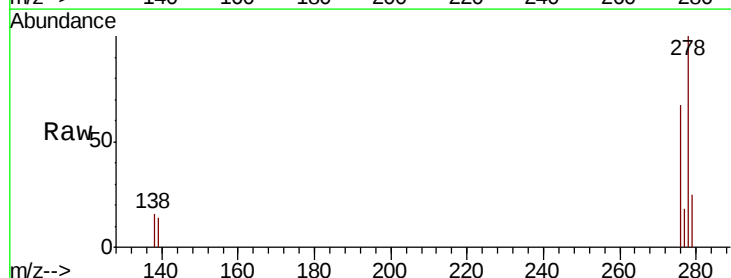
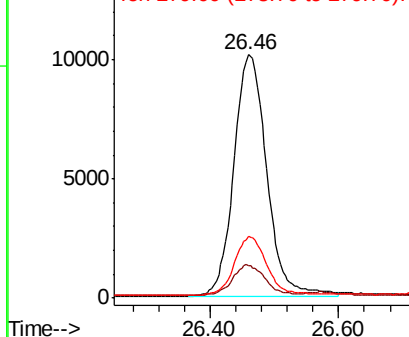
Delta R.T. -0.00 min

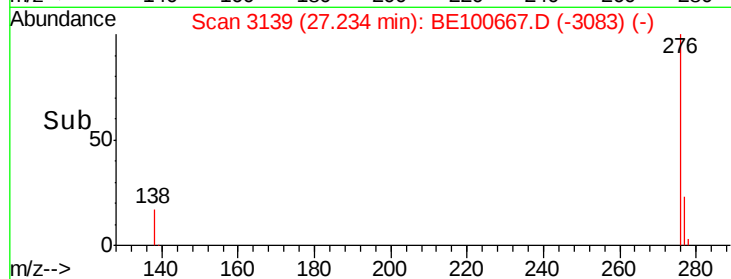
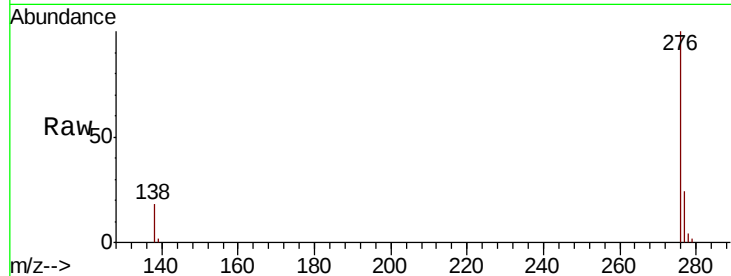
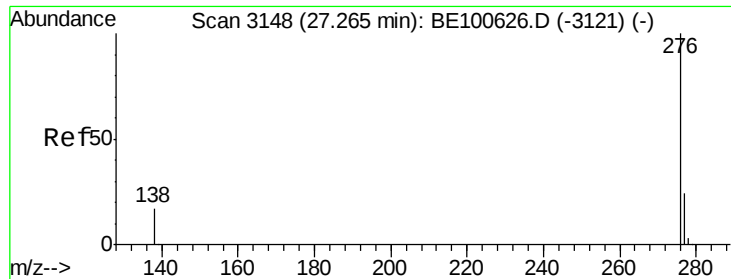
Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Tgt Ion:	278	Resp:	36218
Ion Ratio	Lower	Upper	
278	100		
139	13.5	10.9	16.3
279	25.3	19.4	29.2

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: 0.366 ng

RT: 27.23 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

ClientSampleId :

PB124193BS

Tot Ion:	276	Resp:	37486
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.4	29.0
138	17.7	13.6	20.4

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