

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
 Data File : BE099708.D
 Acq On : 22 May 2019 2:35
 Operator : JU/SJ
 Sample : PB119877BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119877BS

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:42:39 AM

Quant Time: May 22 08:51:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1721	0.40	ng	0.00
7) Naphthalene-d8	10.62	136	5916	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4016	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11885	0.40	ng	0.00
27) Chrysene-d12	21.41	240	17266	0.40	ng	0.00
34) Perylene-d12	23.96	264	19921	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1909	0.44	ng	0.00
5) Phenol-d6	6.97	99	2613	0.45	ng	0.00
8) Nitrobenzene-d5	8.97	82	2191	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3916m	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	880	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	6351	0.42	ng	0.00
25) Fluoranthene-d10	19.26	212	65483	0.40	ng	0.00
29) Terphenyl-d14	19.86	244	14202	0.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	752	0.295	ng	# 69
3) n-Nitrosodimethylamine	3.62	42	549	0.390	ng	# 78
6) bis(2-Chloroethyl)ether	7.23	93	2136	0.417	ng	97
9) Naphthalene	10.67	128	27429	0.434	ng	100
10) Hexachlorobutadiene	10.94	225	1996	0.428	ng	96
12) 2-Methylnaphthalene	12.30	142	4690	0.455	ng	98
16) Acenaphthylene	14.20	152	8054	0.430	ng	100
17) Acenaphthene	14.54	154	4435	0.422	ng	97
18) Fluorene	15.52	166	6394	0.413	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	2874	0.419	ng	96
21) Hexachlorobenzene	16.53	284	2972	0.424	ng	99
22) Pentachlorophenol	16.89	266	1677	0.907	ng	92
23) Phenanthrene	17.27	178	12185	0.420	ng	100
24) Anthracene	17.36	178	11422	0.434	ng	98
26) Fluoranthene	19.29	202	19304	0.420	ng	100
28) Pyrene	19.65	202	20058	0.462	ng	99
30) Benzo(a)anthracene	21.40	228	24331	0.496	ng	100
31) Chrysene	21.45	228	24619	0.469	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	30830	0.545	ng	99
33) Indeno(1,2,3-cd)pyrene	26.65	276	28623	0.452	ng	99
35) Benzo(b)fluoranthene	23.17	252	23740	0.435	ng	99
36) Benzo(k)fluoranthene	23.22	252	24814	0.436	ng	99
37) Benzo(a)pyrene	23.84	252	23552	0.448	ng	98
38) Dibenzo(a,h)anthracene	26.67	278	23703	0.430	ng	99
39) Benzo(g,h,i)perylene	27.48	276	24246	0.435	ng	99

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

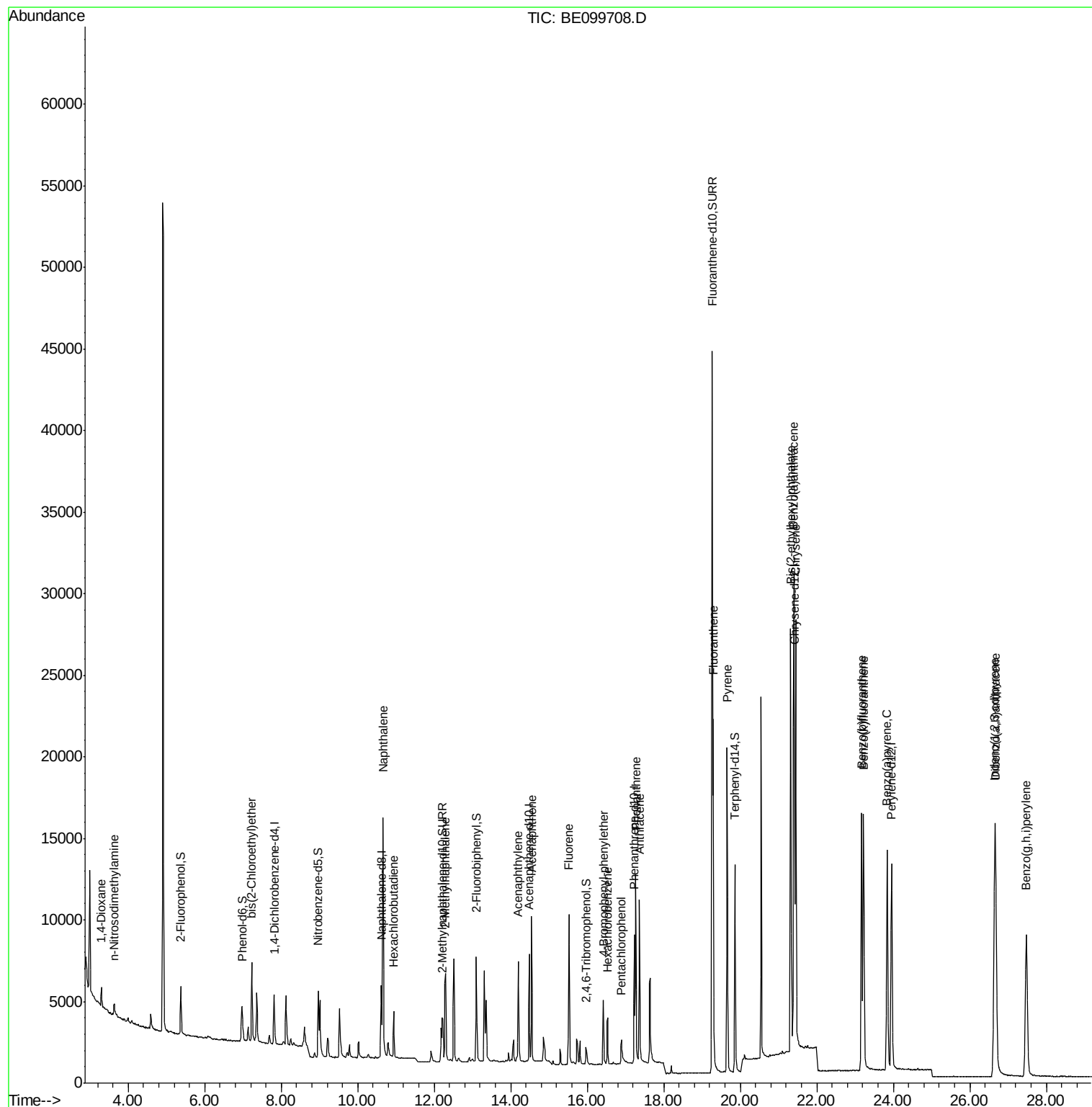
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
Data File : BE099708.D
Acq On : 22 May 2019 2:35
Operator : JU/SJ
Sample : PB119877BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

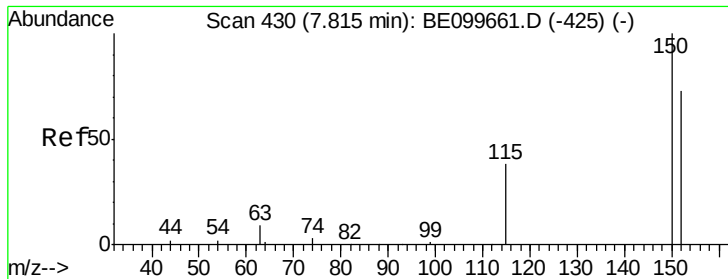
Instrument :
BNA_E
ClientSampleId :
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5/23/2019 8:42:39 AM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

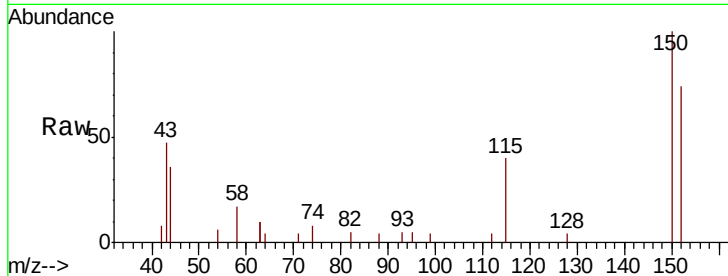
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Instrument :
BNA_E
ClientSampleId :
PB119877BS

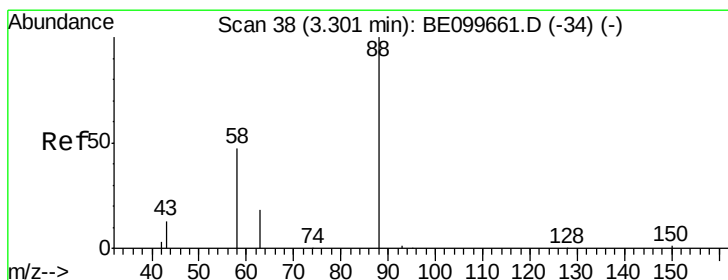
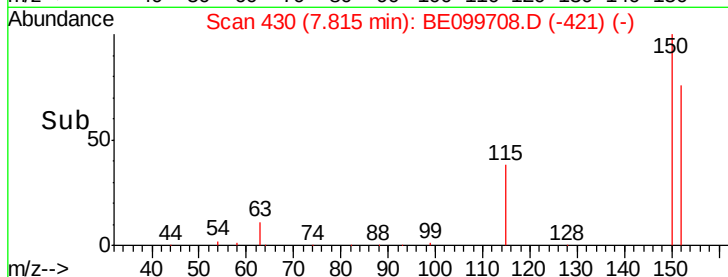
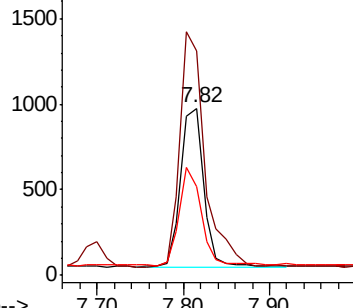
Tot Ion	Ratio	Lower	Upper
152	100		
150	134.6	109.2	163.8
115	53.3	43.7	65.5

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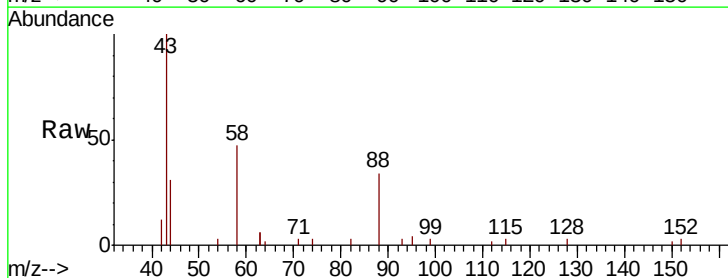
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



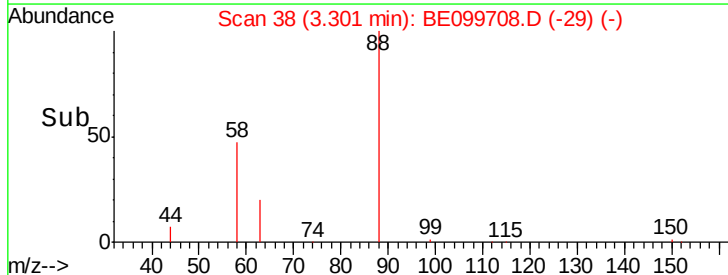
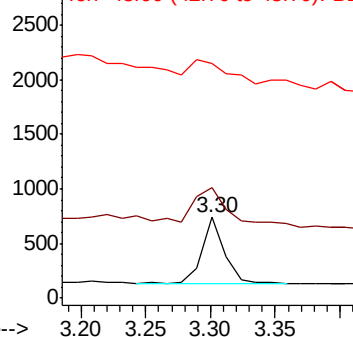
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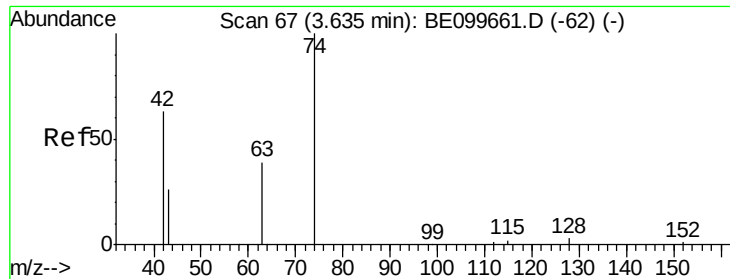
1,4-Dioxane
Concen: 0.295 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	41.8	62.8#
43	37.1	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

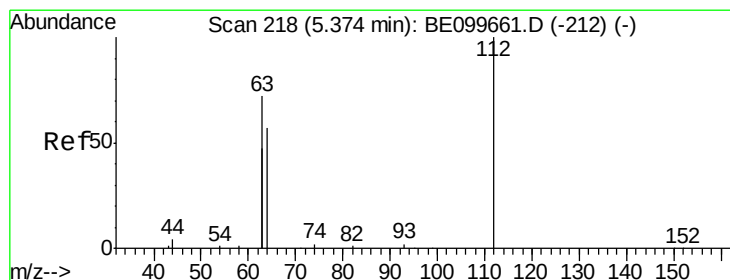
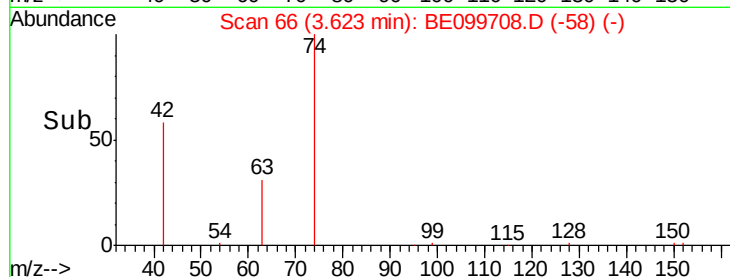
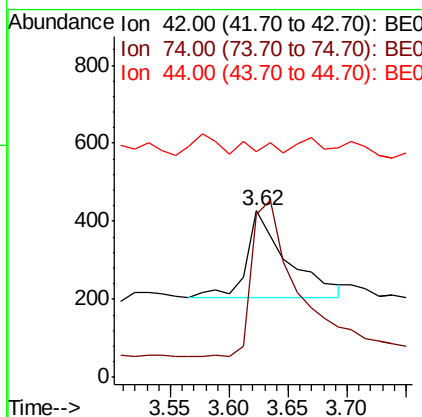
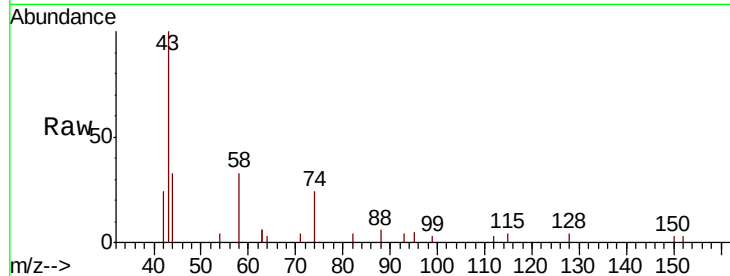
n-Nitrosodimethylamine
Concen: 0.390 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.01 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
42	100		
74	190.7	129.2	193.8
44	0.0	0.0	0.0

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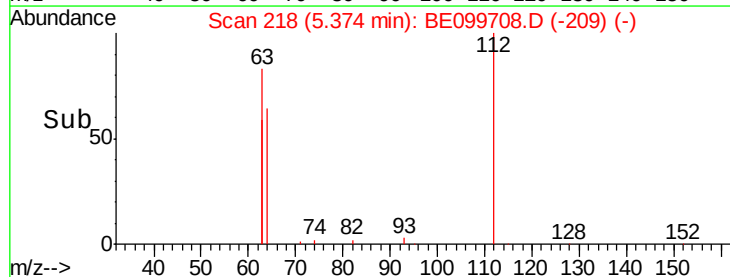
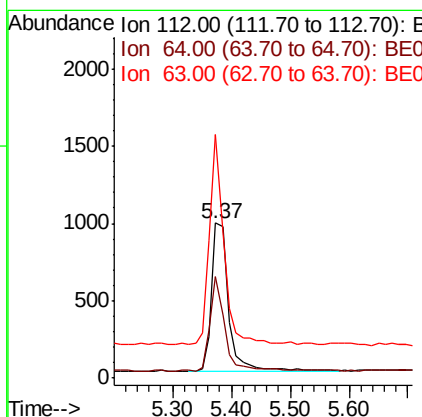
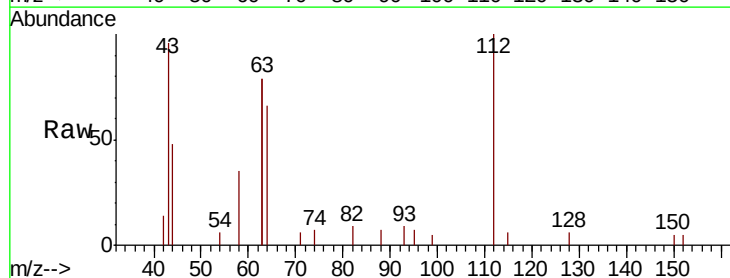
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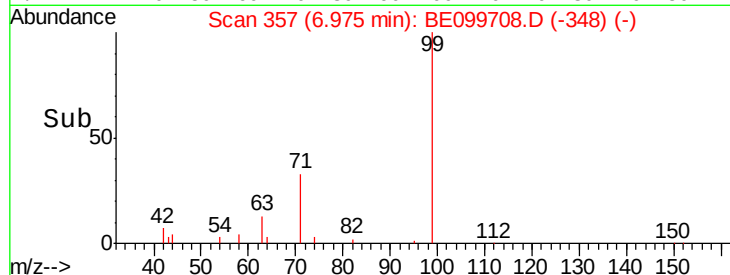
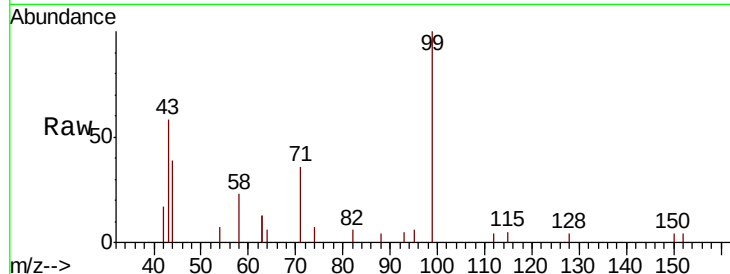
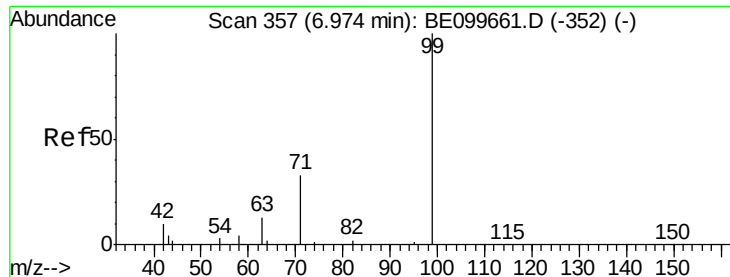


#4

2-Fluorophenol
Concen: 0.439 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.4	65.2
63	117.7	96.9	145.3





#5

Phenol-d6

Concen: 0.454 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

Tot Ion:	99	Resp:	2613
Ion	Ratio	Lower	Upper
99	100		
42	13.4	12.2	18.2
71	36.7	28.9	43.3

Instrument :

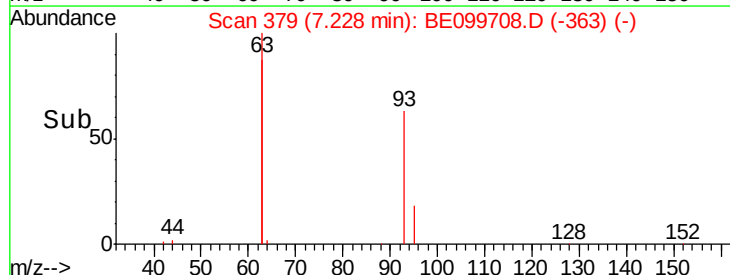
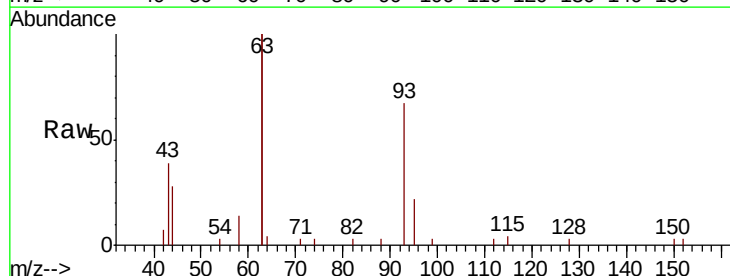
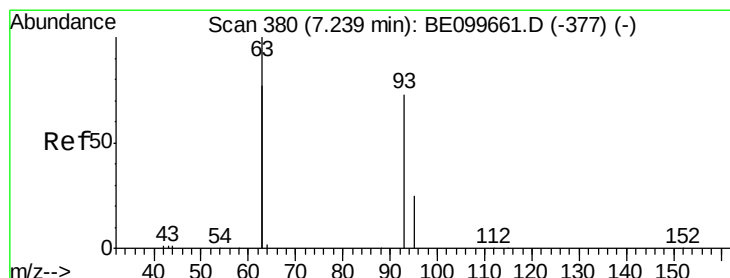
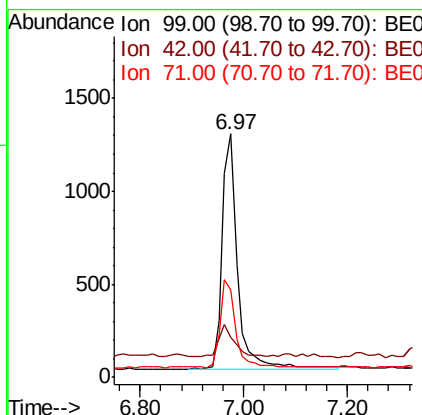
BNA_E

ClientSampleId :

PB119877BS

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#6

bis(2-Chloroethyl)ether

Concen: 0.417 ng

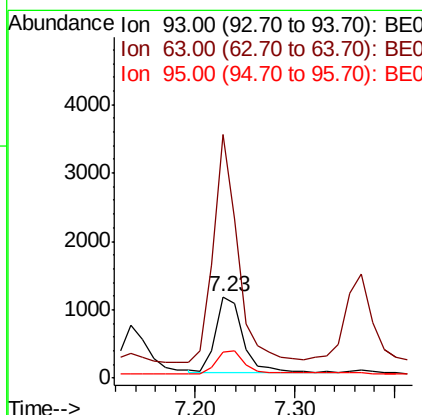
RT: 7.23 min Scan# 379

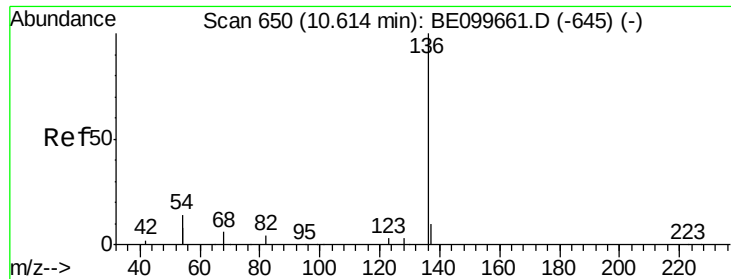
Delta R.T. -0.01 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

Tgt Ion:	93	Resp:	2136
Ion	Ratio	Lower	Upper
93	100		
63	265.1	207.8	311.6
95	32.5	25.9	38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.62 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

Instrument :

BNA_E

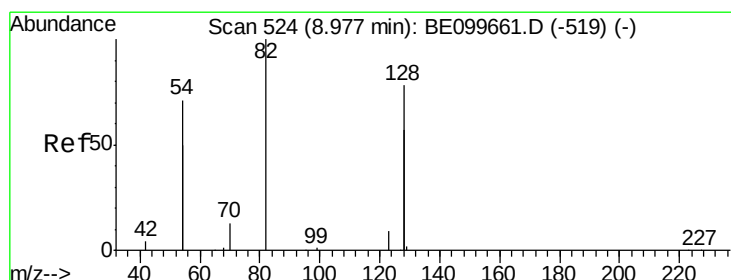
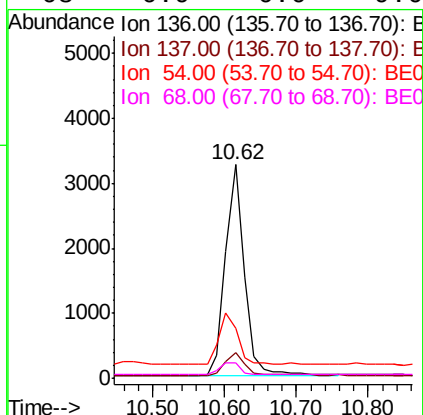
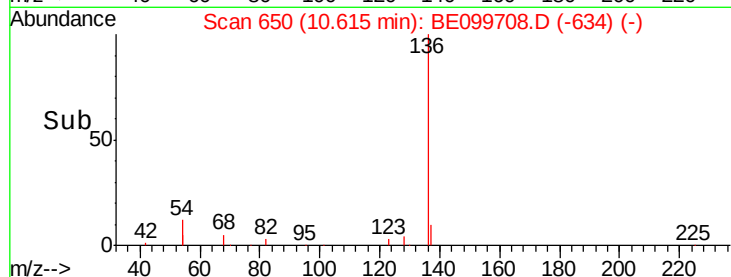
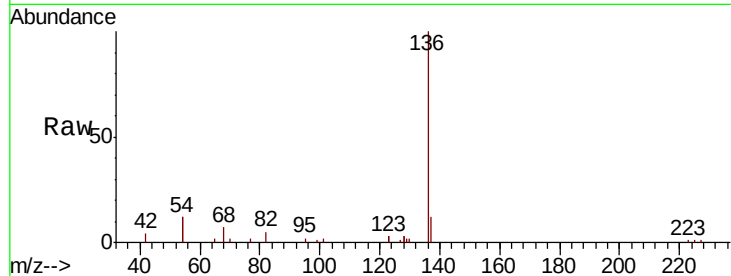
ClientSampleId :

PB119877BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	9.0	13.6	
54	23.1	22.3	33.5	
68	6.9	6.0	9.0	

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#8

Nitrobenzene-d5

Concen: 0.428 ng

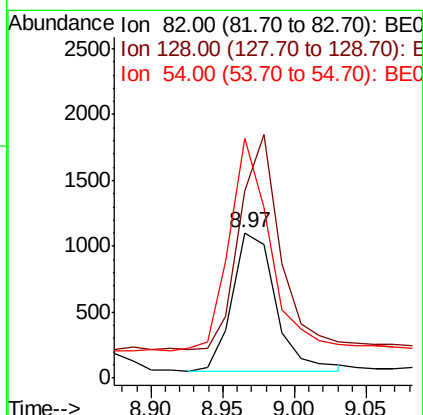
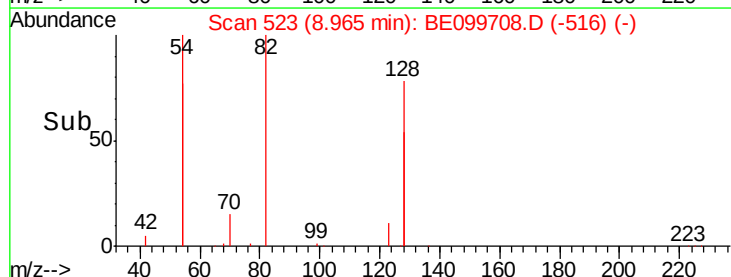
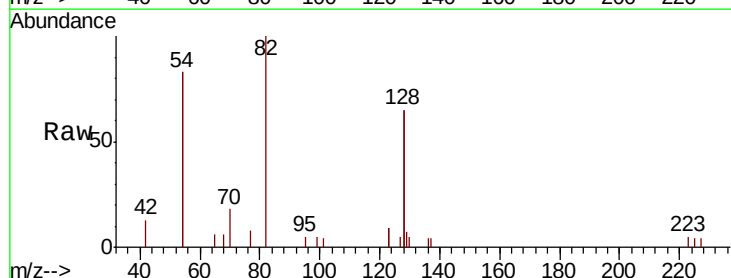
RT: 8.97 min Scan# 523

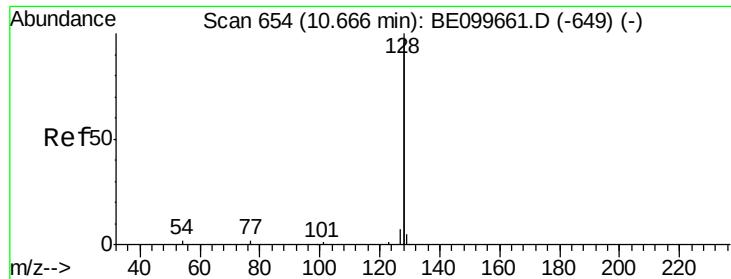
Delta R.T. -0.01 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	129.1	117.7	176.5	
54	165.4	106.6	160.0	





#9

Naphthalene

Concen: 0.434 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

Instrument :

BNA_E

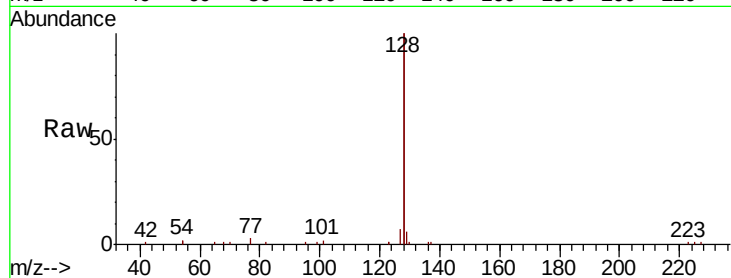
ClientSampleId :

PB119877BS

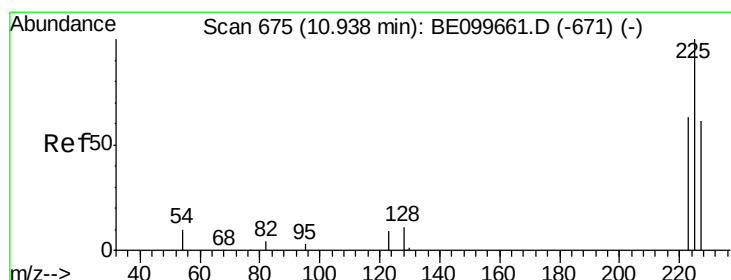
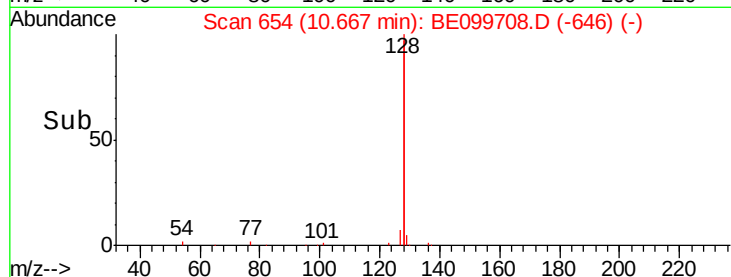
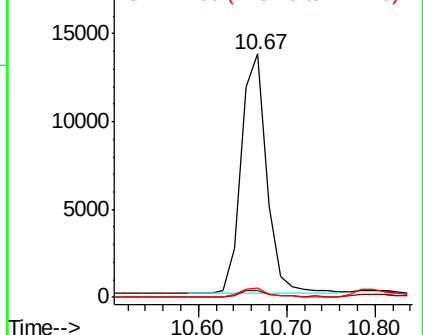
Tot Ion:	128	Resp:	27429
Ion Ratio	Lower	Upper	
128	100		
129	2.8	2.4	3.6
127	3.6	2.9	4.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.428 ng

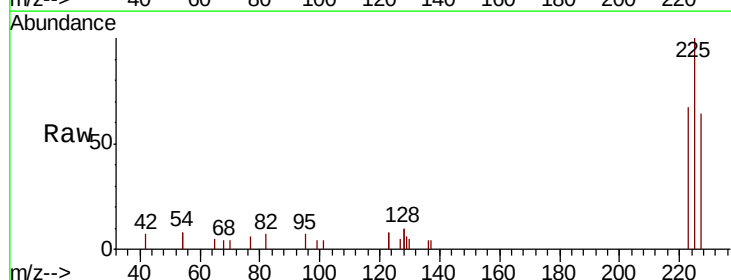
RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

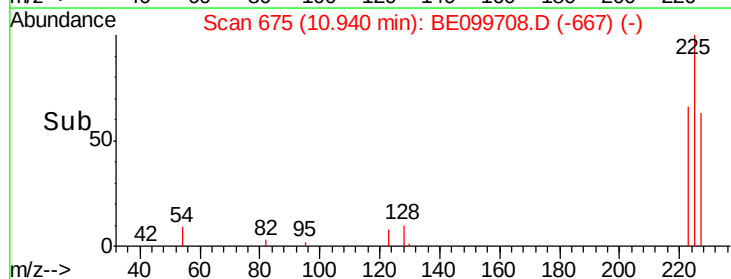
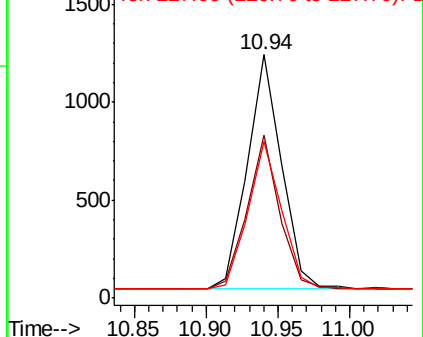
Lab File: BE099708.D

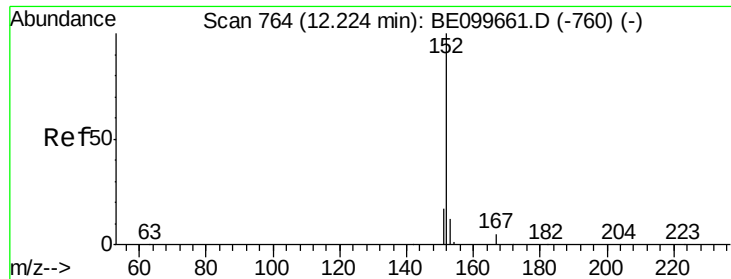
Acq: 22 May 2019 2:35

Tgt Ion:	225	Resp:	1996
Ion Ratio	Lower	Upper	
225	100		
223	62.0	51.8	77.6
227	61.5	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





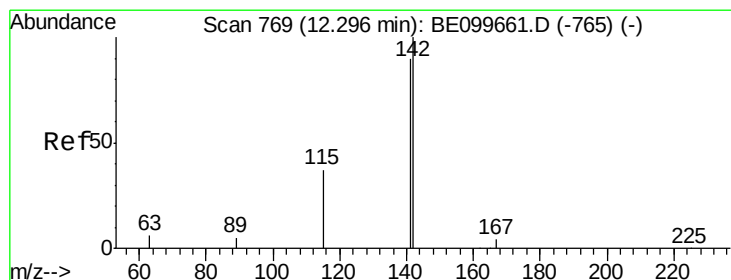
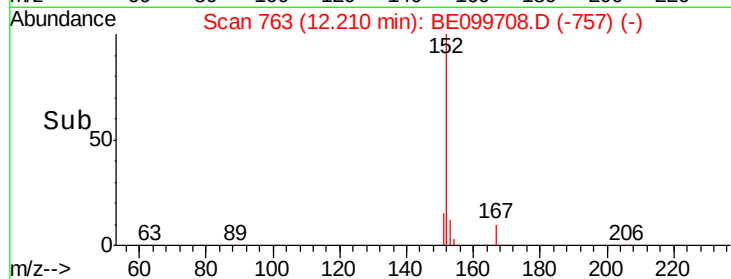
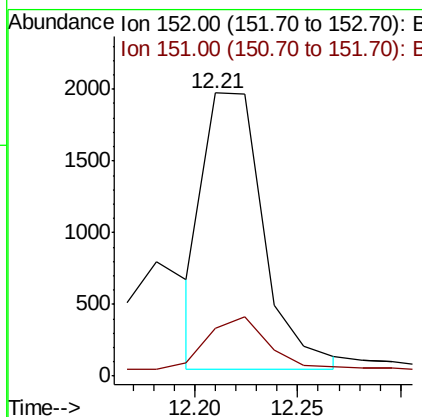
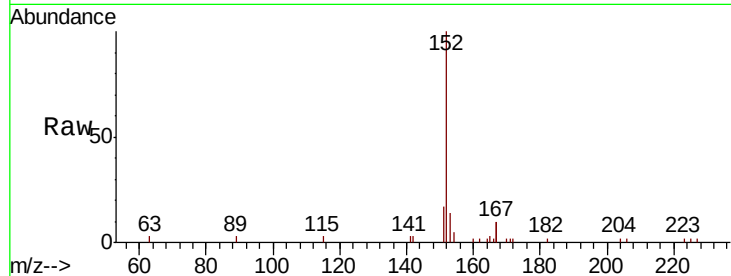
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng m
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Instrument :
BNA_E
ClientSampleId :
PB119877BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.0	22.4

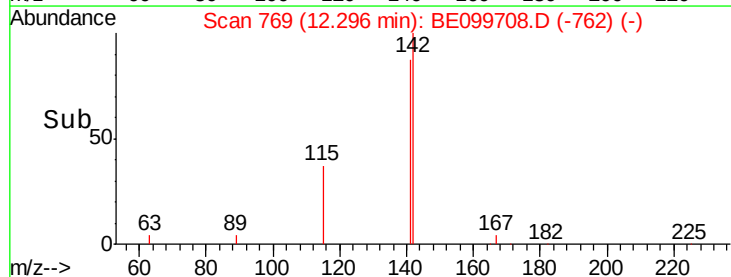
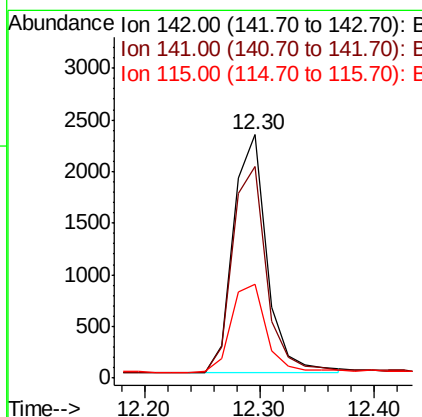
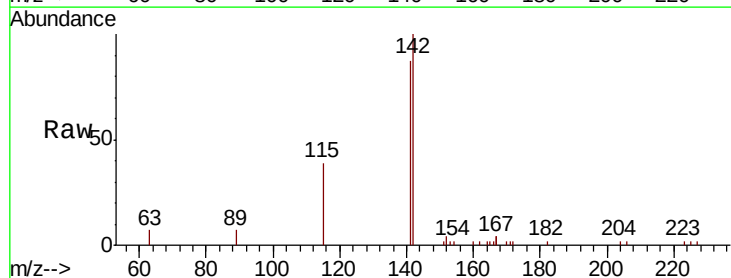
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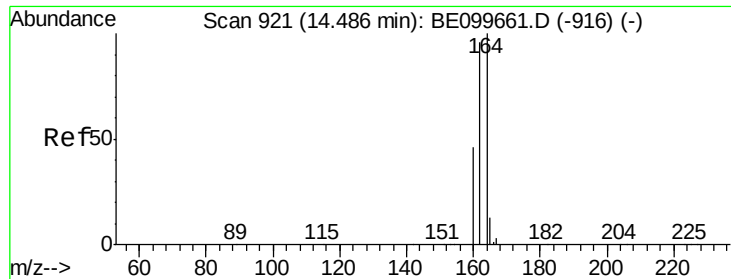
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#12
2-Methylnaphthalene
Concen: 0.455 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.0	108.0
115	38.7	31.0	46.4





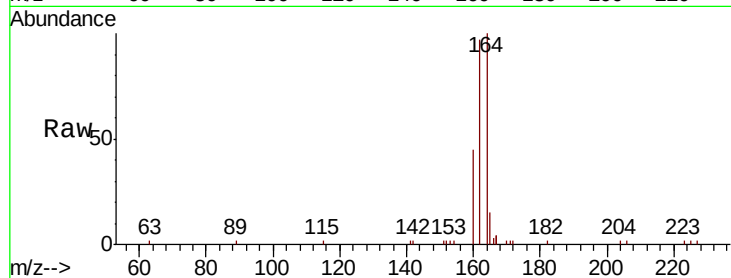
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Instrument :
BNA_E
ClientSampleId :
PB119877BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.9	76.5	114.7
160	44.6	37.4	56.2

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Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

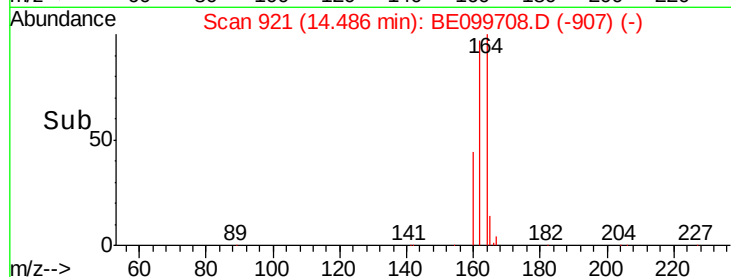
3000

2000

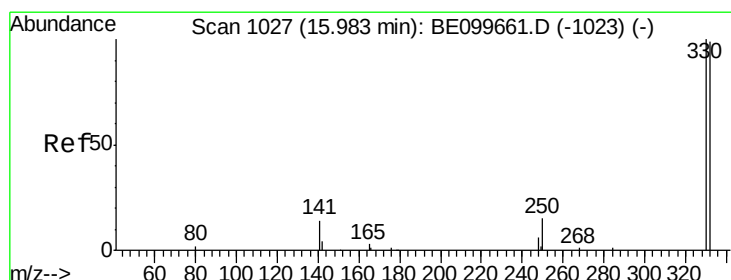
1000

0

14.40 14.50 14.60

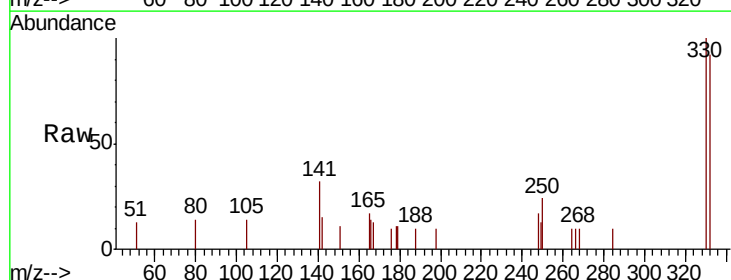


Time-->



#14
2,4,6-Tribromophenol
Concen: 0.418 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.6	77.3	115.9
141	23.9	18.9	28.3



Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

600

500

400

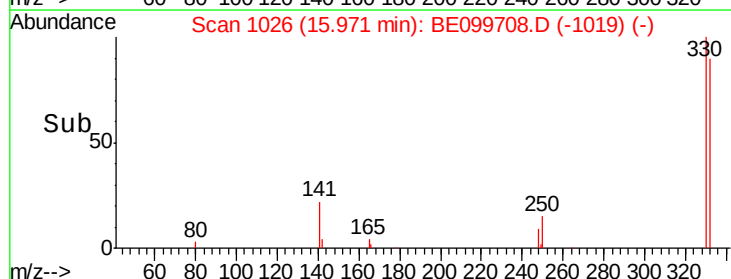
300

200

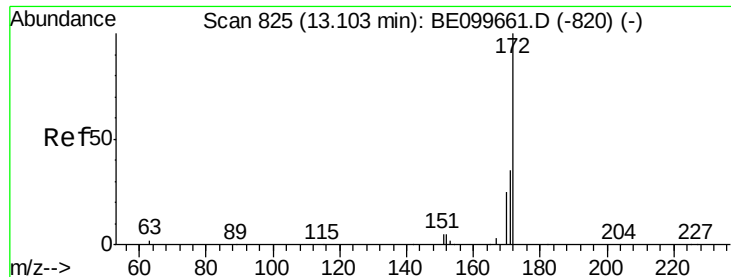
100

0

15.90 16.00 16.10



Time-->



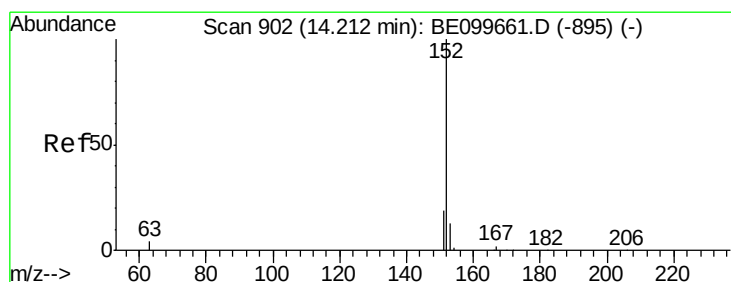
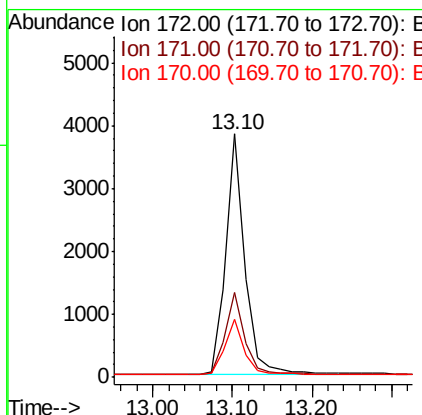
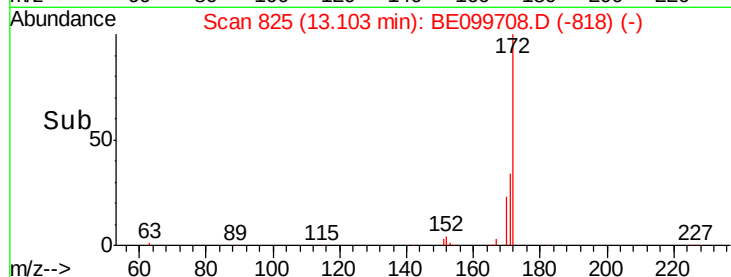
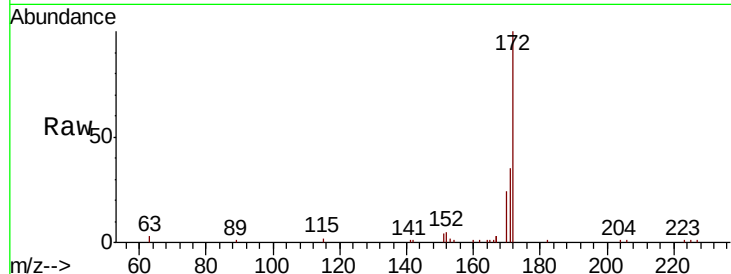
#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Instrument :
BNA_E
ClientSampleId :
PB119877BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	24.0	20.9	31.3

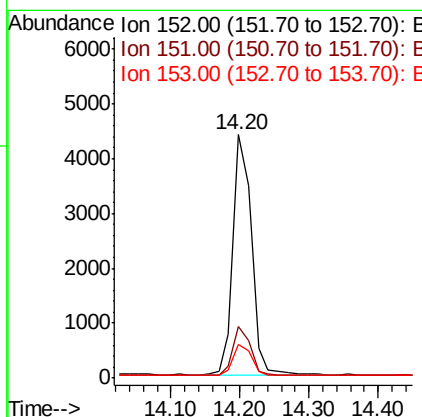
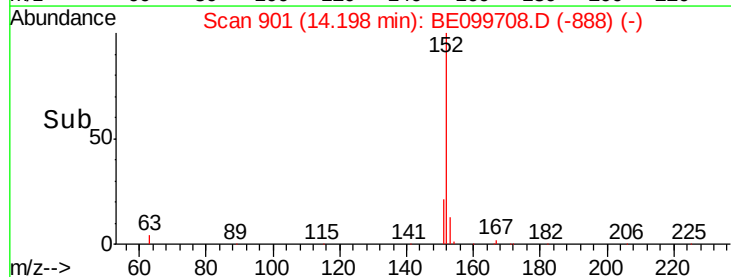
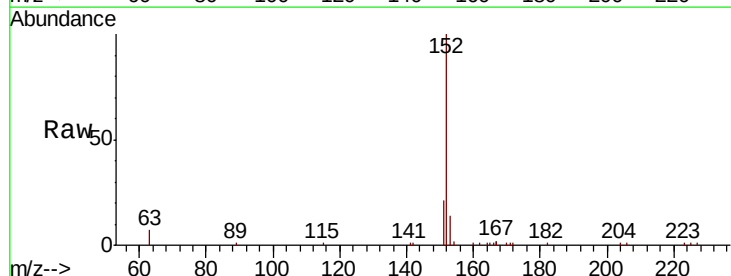
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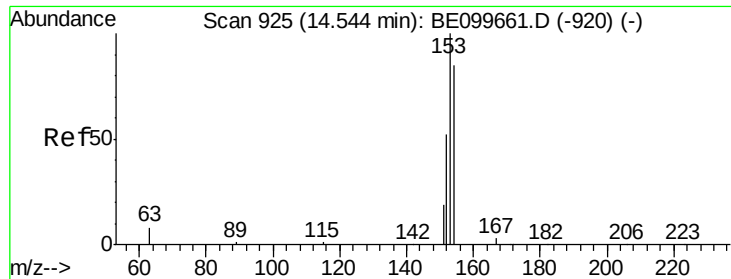
mohammad
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#16
Acenaphthylene
Concen: 0.430 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.6	10.6	16.0





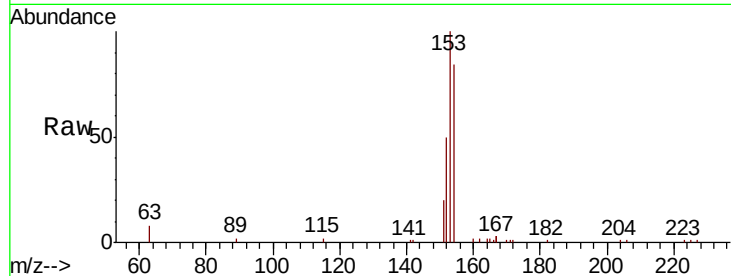
#17
Acenaphthene
Concen: 0.422 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Instrument :
BNA_E
ClientSampleId :
PB119877BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	118.9	91.8	137.6
152	58.3	46.0	69.0

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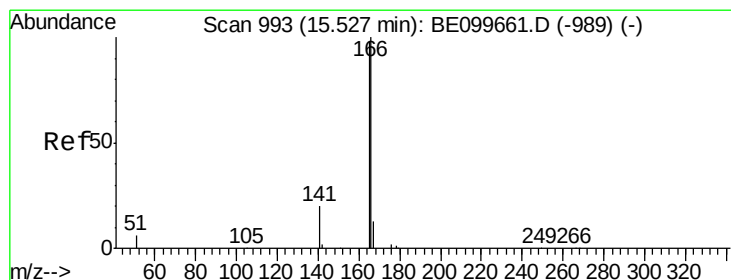
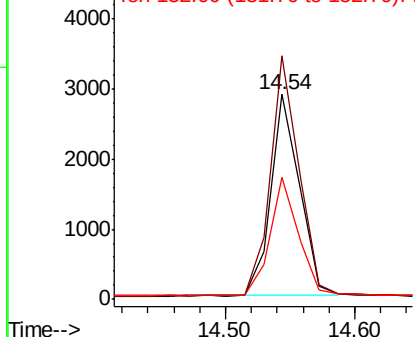
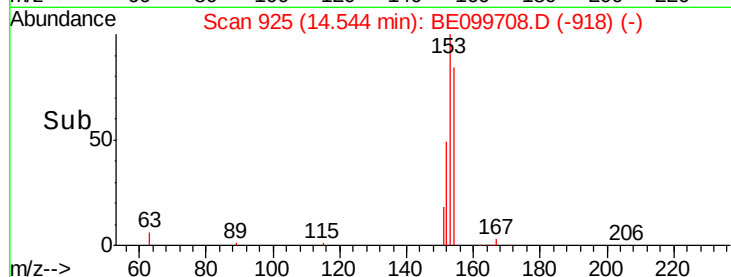


Abundance

Ion 154.00 (153.70 to 154.70): E

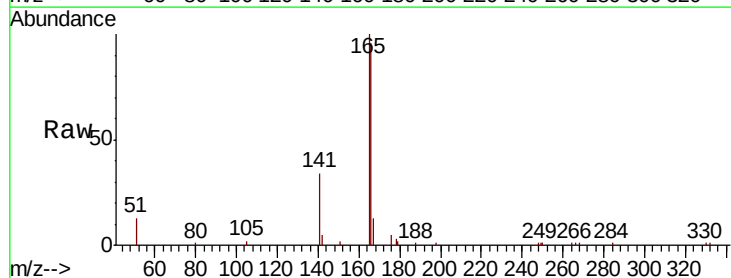
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.413 ng
RT: 15.52 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.3	120.5
167	13.4	10.6	16.0

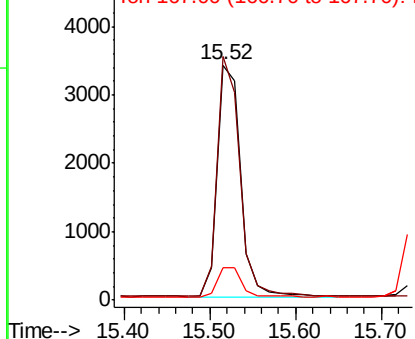
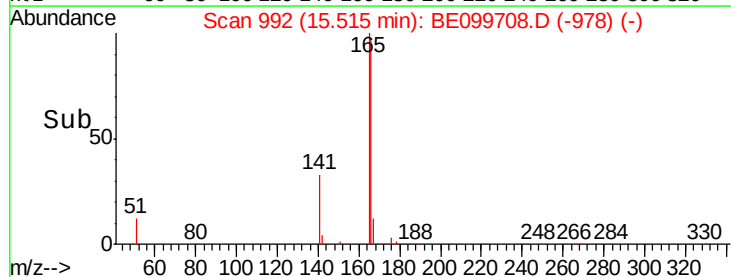


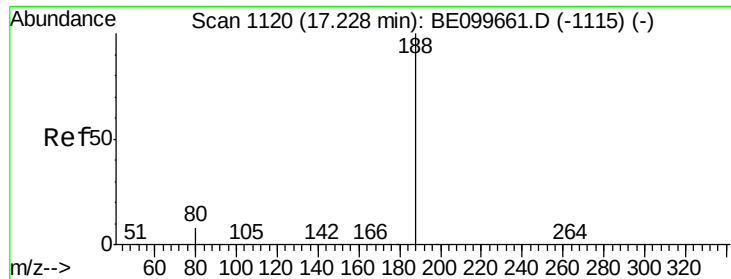
Abundance

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: BE099708.D

Acq: 22 May 2019 2:35

Instrument :

BNA_E

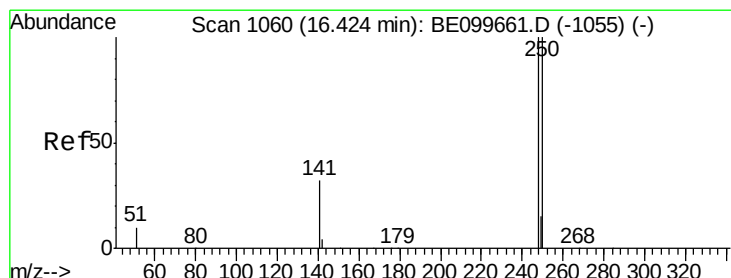
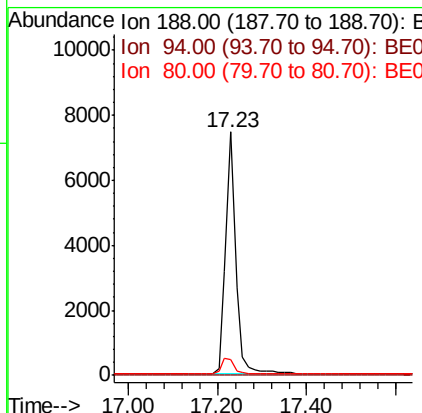
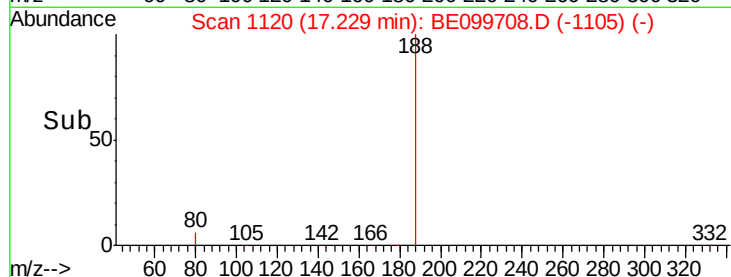
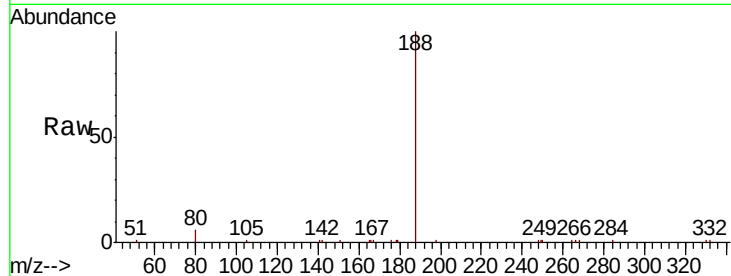
ClientSampleId :

PB119877BS

Tot Ion:	188	Resp:	11885
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.4	6.7	10.1#

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#20

4-Bromophenyl-phenylether

Concen: 0.419 ng

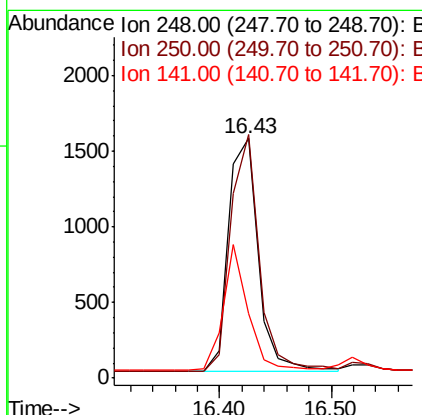
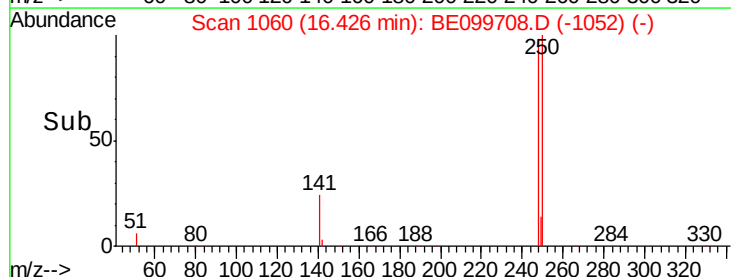
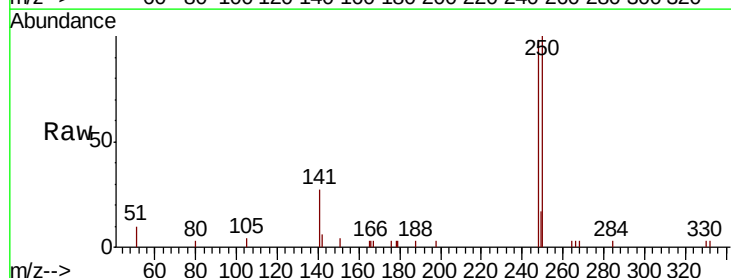
RT: 16.43 min Scan# 1060

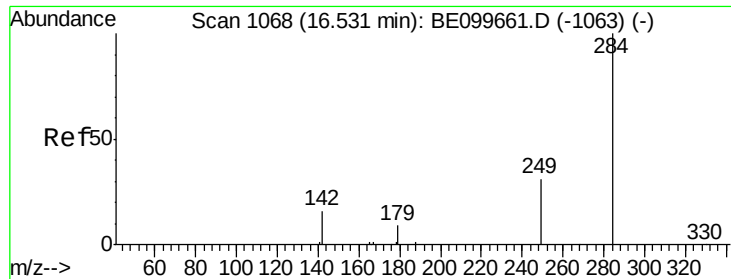
Delta R.T. 0.00 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

Tgt Ion:	248	Resp:	2874
Ion Ratio	Lower	Upper	
248	100		
250	101.7	79.8	119.8
141	27.2	27.0	40.6





#21

Hexachlorobenzene

Concen: 0.424 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

Instrument :

BNA_E

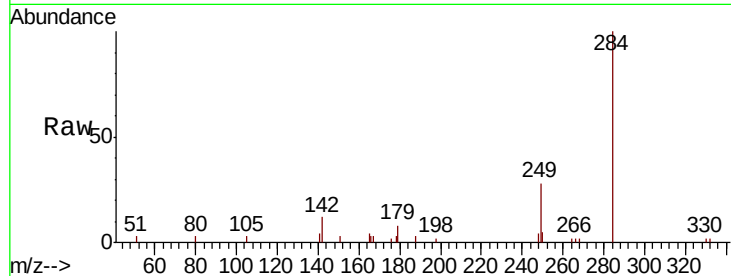
ClientSampled :

PB119877BS

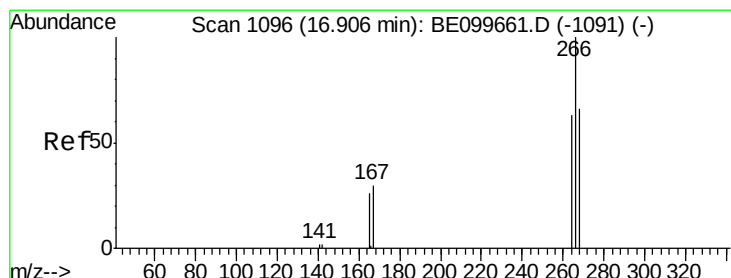
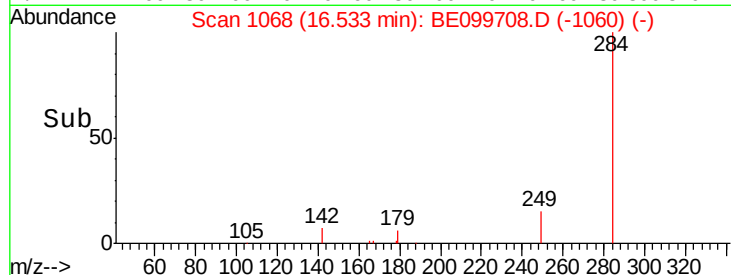
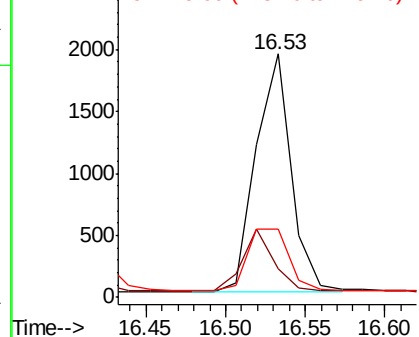
Tot Ion:	284	Resp:	2972
Ion Ratio	Lower	Upper	
284	100		
142	23.3	17.8	26.6
249	30.6	24.8	37.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.907 ng

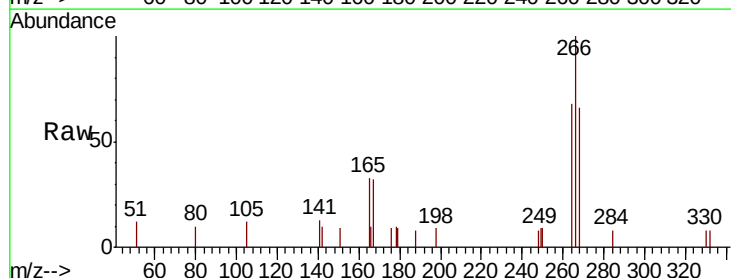
RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

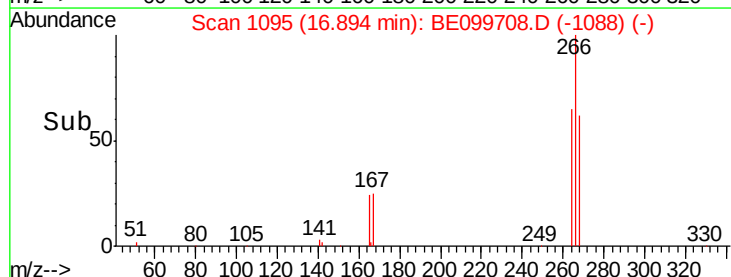
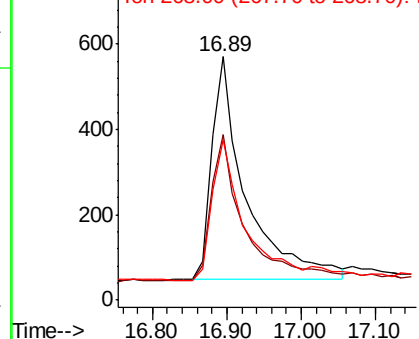
Lab File: BE099708.D

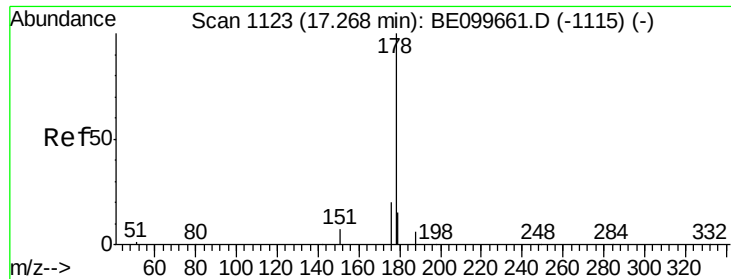
Acq: 22 May 2019 2:35

Tgt Ion:	266	Resp:	1677
Ion Ratio	Lower	Upper	
266	100		
264	68.1	57.2	85.8
268	65.7	60.5	90.7



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





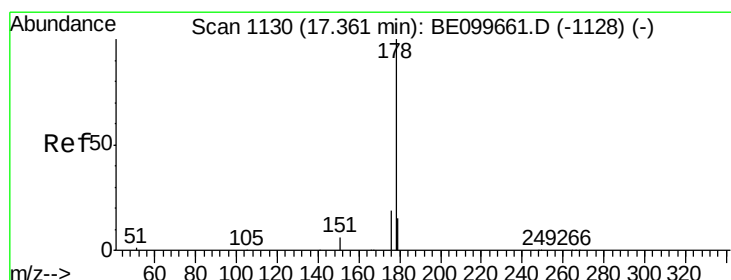
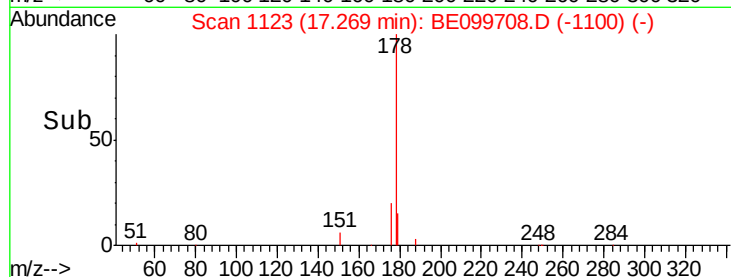
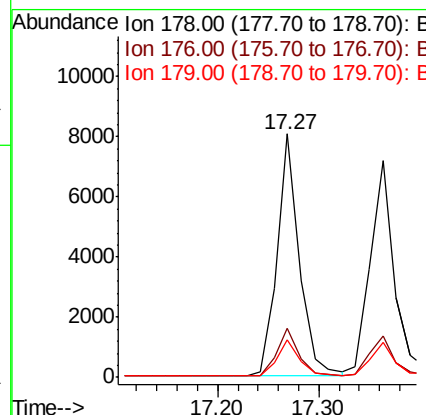
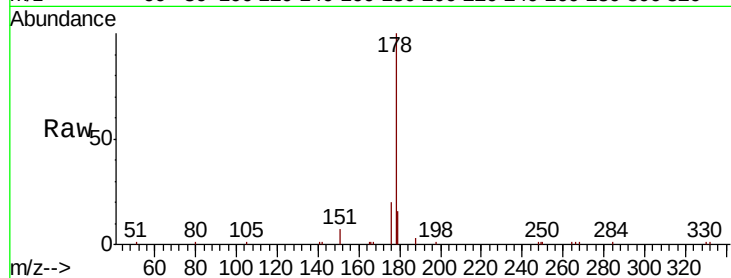
#23
Phenanthrene
Concen: 0.420 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Instrument :
BNA_E
ClientSampled :
PB119877BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.2	12.2	18.4

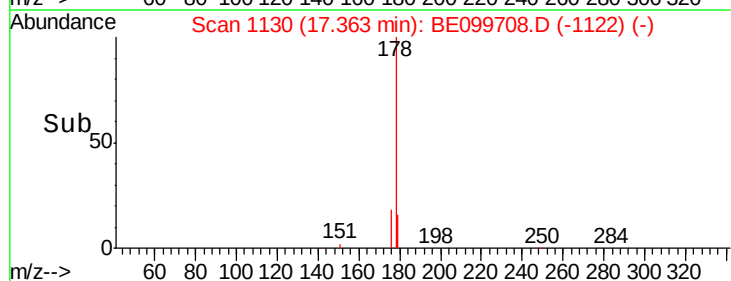
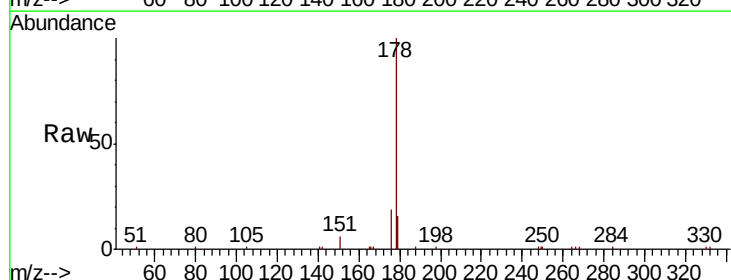
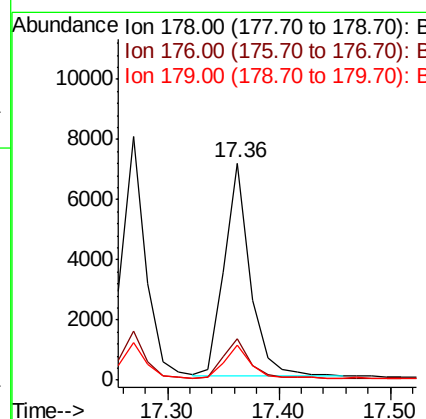
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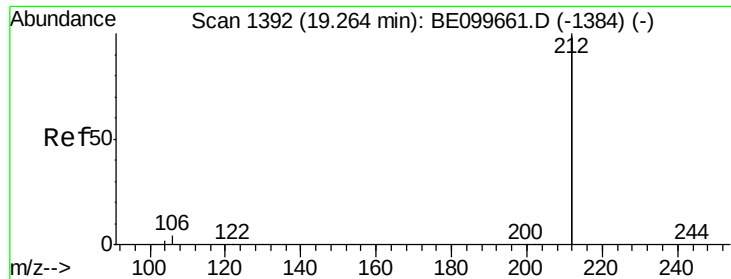
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#24
Anthracene
Concen: 0.434 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.8	12.0	18.0





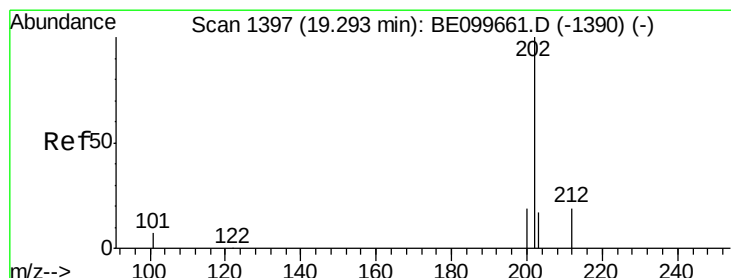
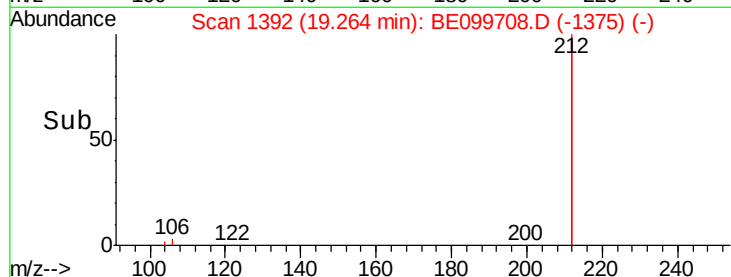
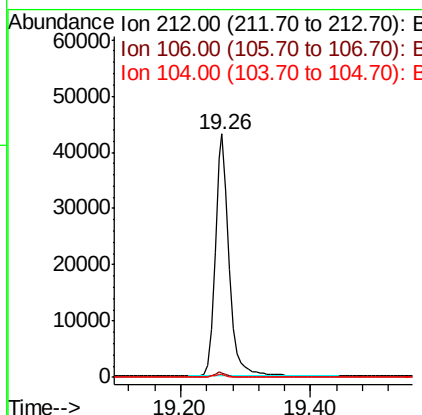
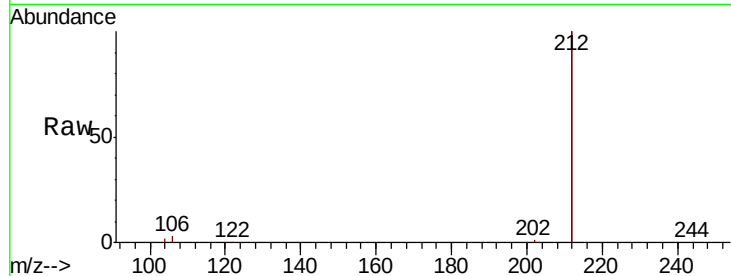
#25
 Fluoranthene-d10
 Concen: 0.403 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BE099708.D
 Acq: 22 May 2019 2:35

Instrument :
 BNA_E
 ClientSampleId :
 PB119877BS

Tot Ion:212	Resp:	65483
Ion Ratio	Lower	Upper
212 100		
106 1.9	1.4	2.2
104 1.1	0.8	1.2

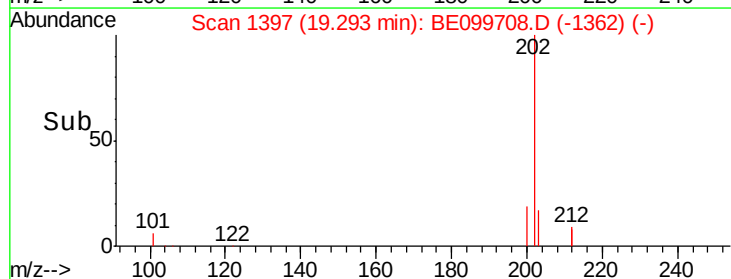
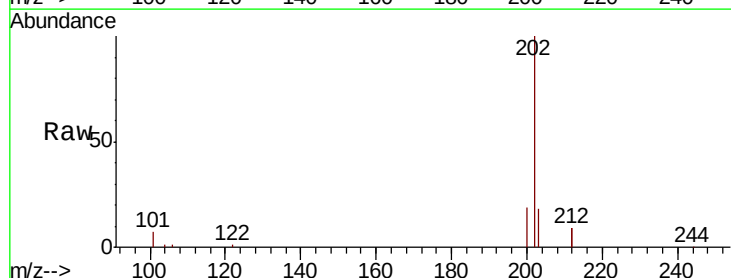
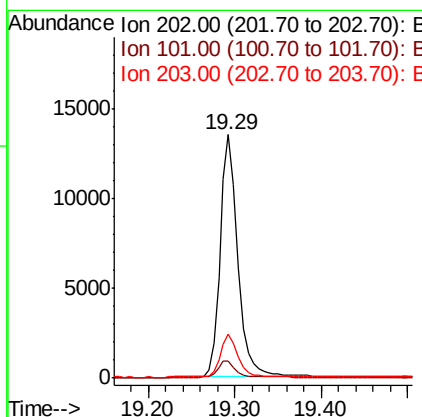
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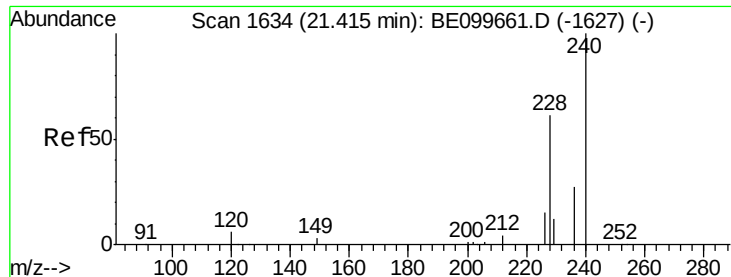
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#26
 Fluoranthene
 Concen: 0.420 ng
 RT: 19.29 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BE099708.D
 Acq: 22 May 2019 2:35

Tgt Ion:202	Resp:	19304
Ion Ratio	Lower	Upper
202 100		
101 6.8	5.2	7.8
203 17.1	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

Instrument :

BNA_E

ClientSampleId :

PB119877BS

Tot Ion:240 Resp: 17266

Ion Ratio Lower Upper

240 100

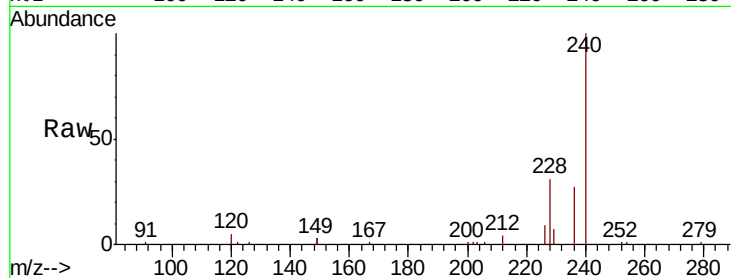
120 4.7 5.4 8.0#

236 26.9 21.7 32.5

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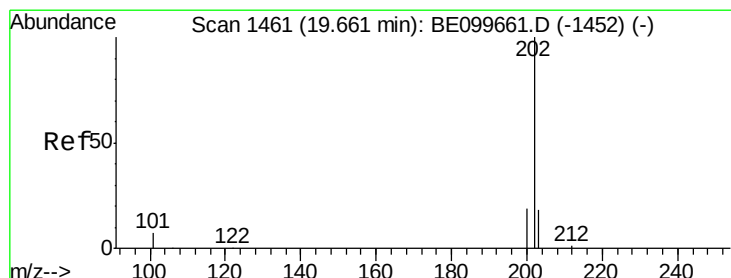
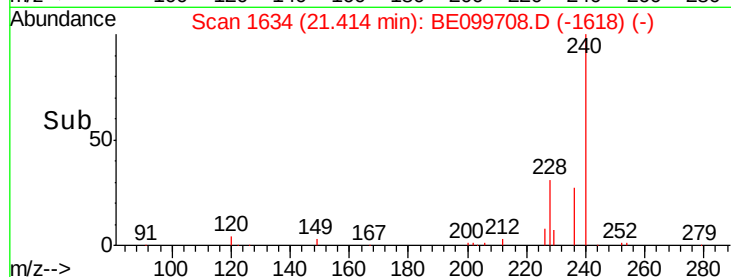
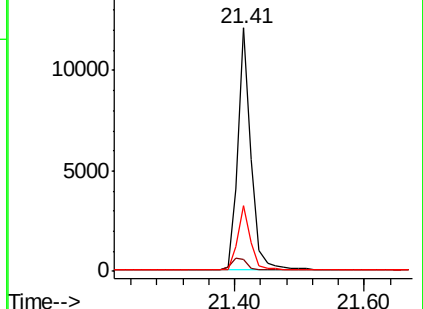
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.462 ng

RT: 19.65 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

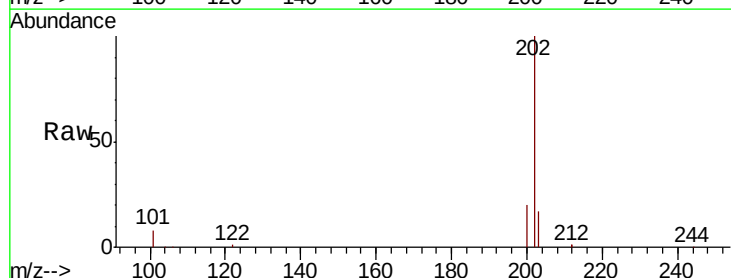
Tgt Ion:202 Resp: 20058

Ion Ratio Lower Upper

202 100

200 19.4 15.4 23.2

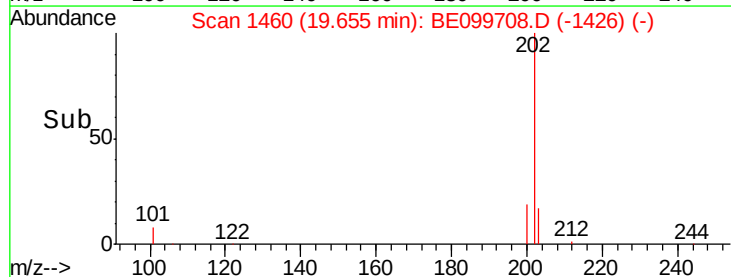
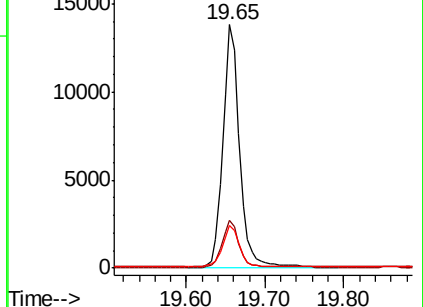
203 17.9 13.8 20.8

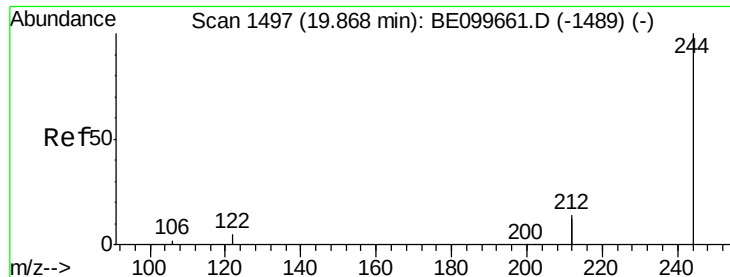


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.461 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

Instrument :

BNA_E

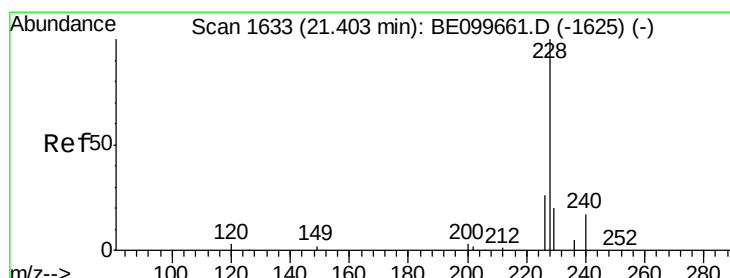
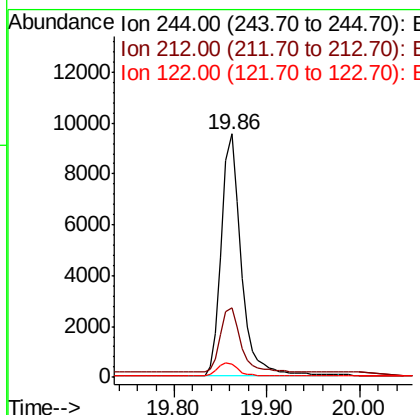
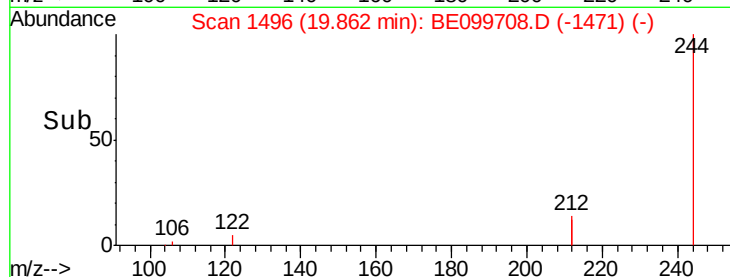
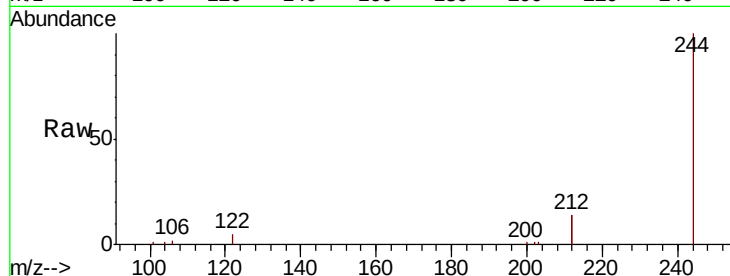
ClientSampleId :

PB119877BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	28.5	22.5	33.7
122	5.3	4.3	6.5

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#30

Benzo(a)anthracene

Concen: 0.496 ng

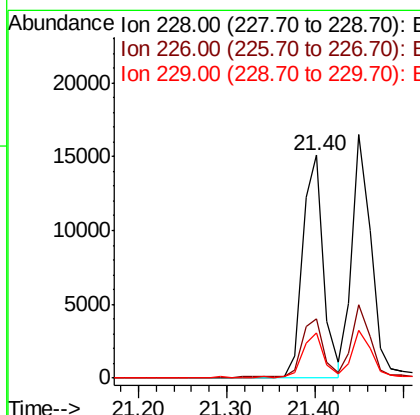
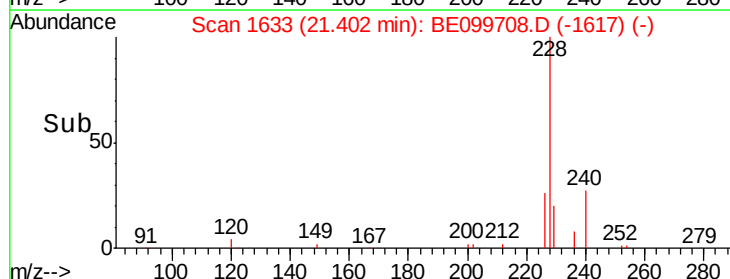
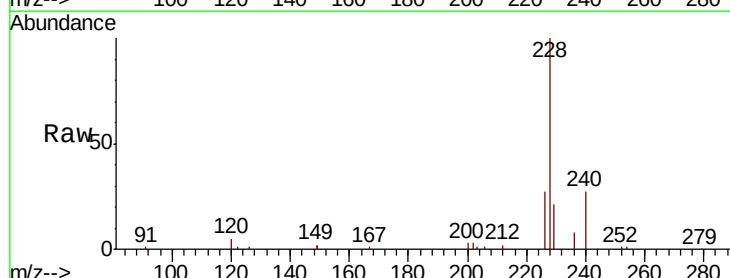
RT: 21.40 min Scan# 1633

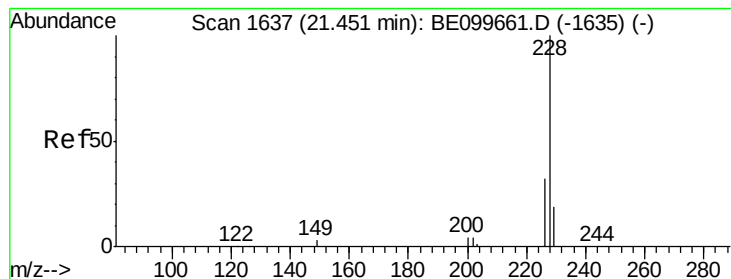
Delta R.T. -0.00 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	20.5	16.1	24.1





#31

Chrysene

Concen: 0.469 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

Instrument :

BNA_E

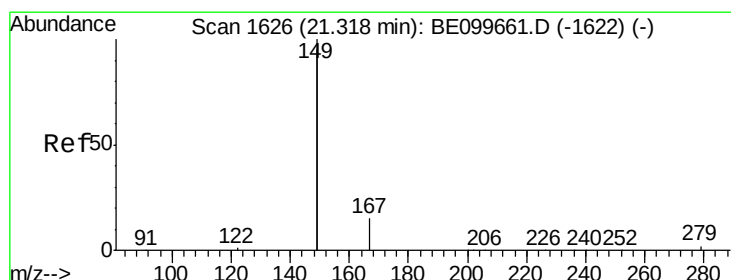
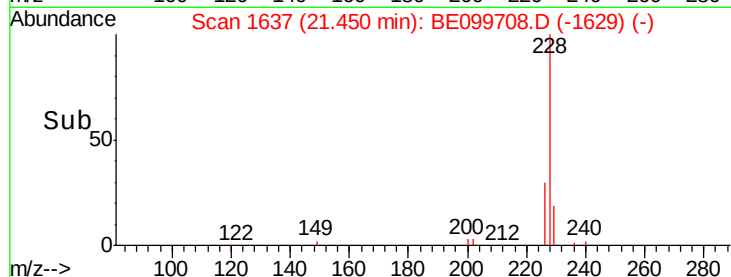
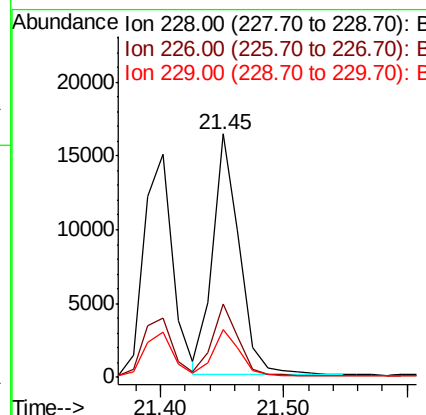
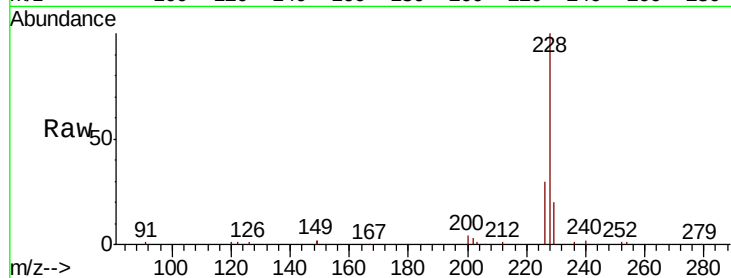
ClientSampleId :

PB119877BS

Tot Ion:	228	Resp:	24619
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	19.6	15.8	23.6

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.545 ng

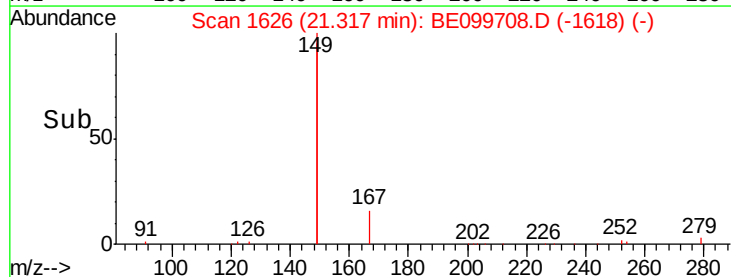
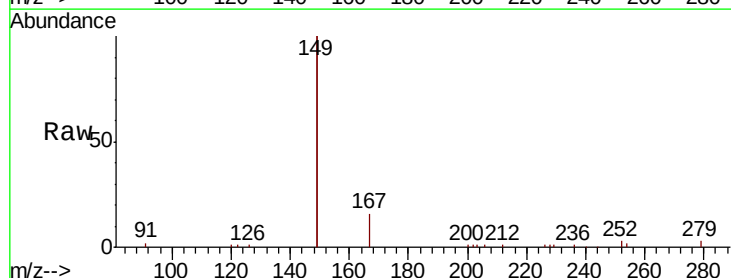
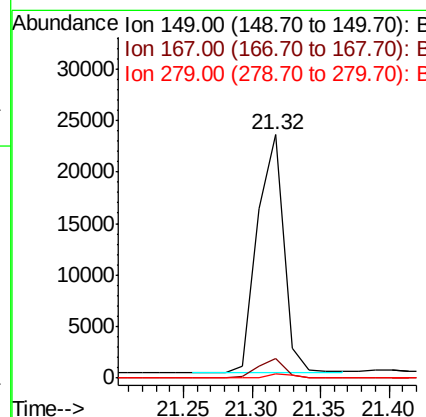
RT: 21.32 min Scan# 1626

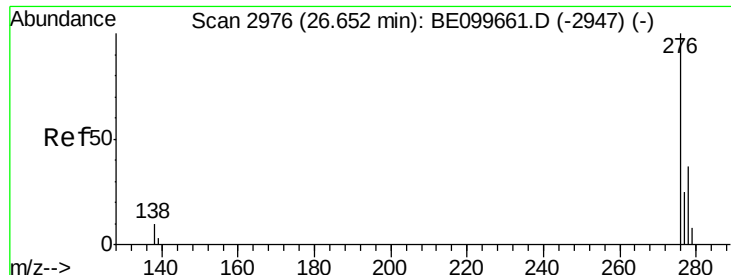
Delta R.T. -0.00 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

Tgt Ion:	149	Resp:	30830
Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.2	9.4
279	1.6	1.2	1.8





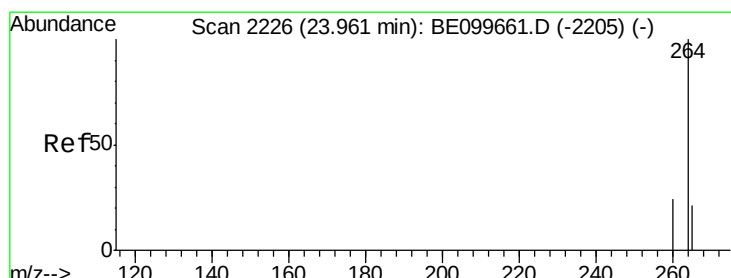
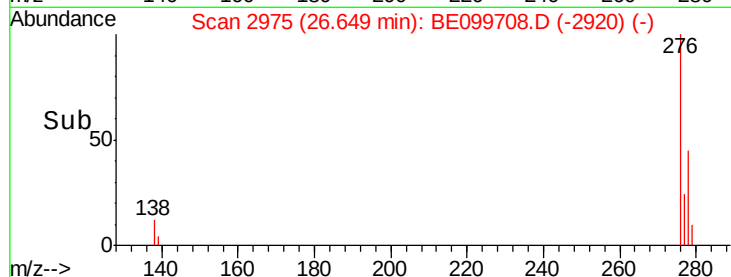
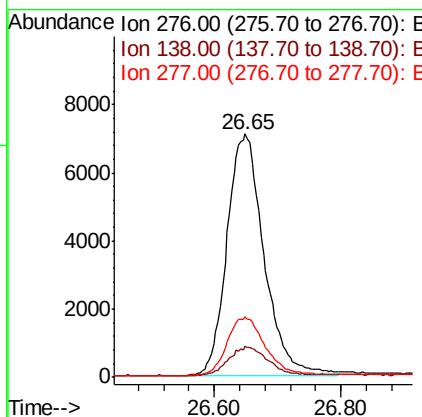
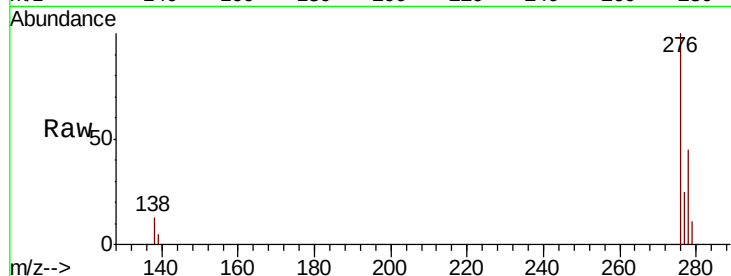
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.452 ng
 RT: 26.65 min Scan# 2975
 Delta R.T. -0.00 min
 Lab File: BE099708.D
 Acq: 22 May 2019 2:35

Instrument :
 BNA_E
 ClientSampleId :
 PB119877BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	28623		
138	12.4		9.6	14.4
277	24.7		19.2	28.8

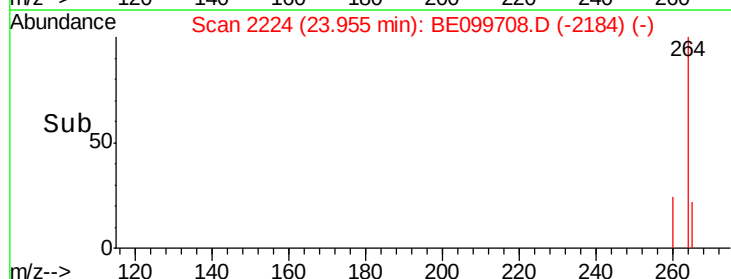
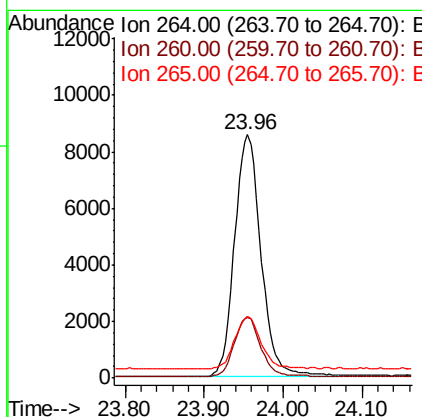
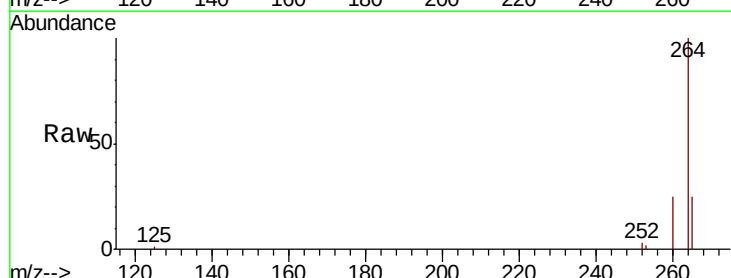
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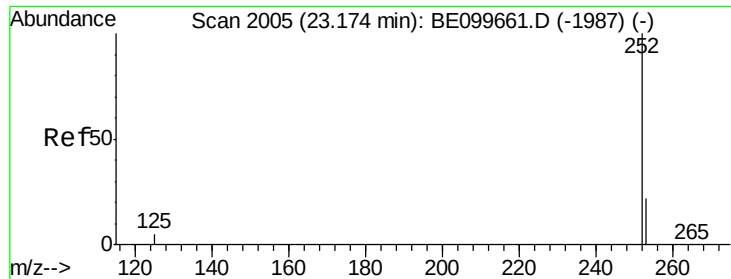
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BE099708.D
 Acq: 22 May 2019 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	19921		
260	24.8		19.6	29.4
265	25.4		19.1	28.7





#35

Benzo(b)fluoranthene

Concen: 0.435 ng

RT: 23.17 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

Instrument :

BNA_E

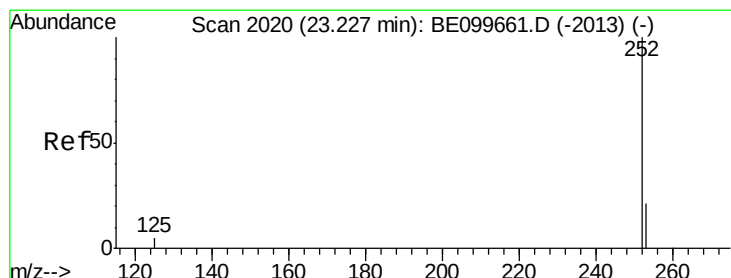
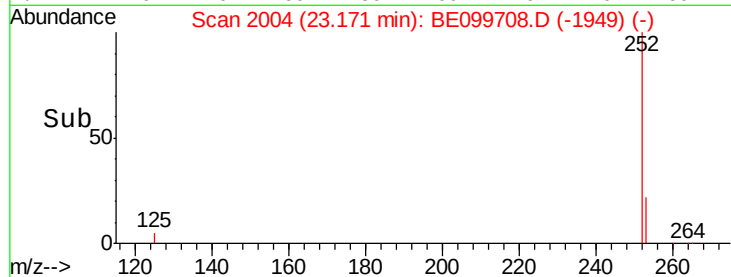
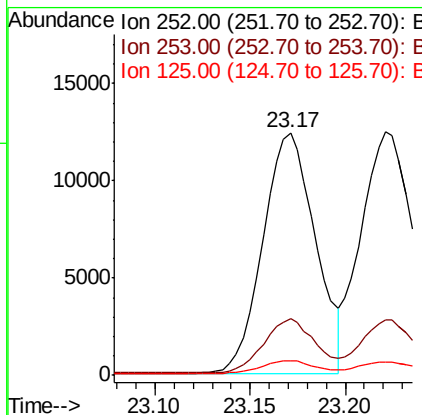
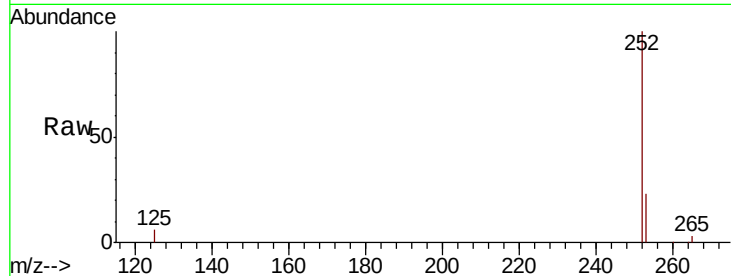
ClientSampleId :

PB119877BS

Tot Ion:	252	Resp:	23740
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.4
125	6.1	4.5	6.7

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#36

Benzo(k)fluoranthene

Concen: 0.436 ng

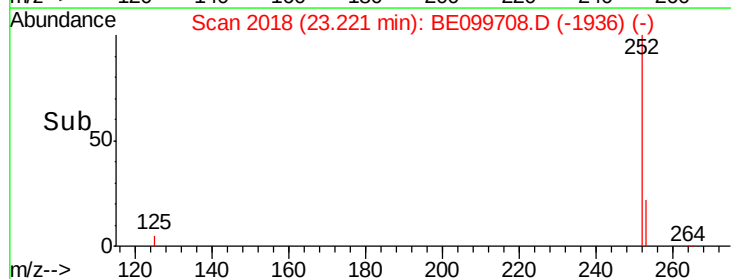
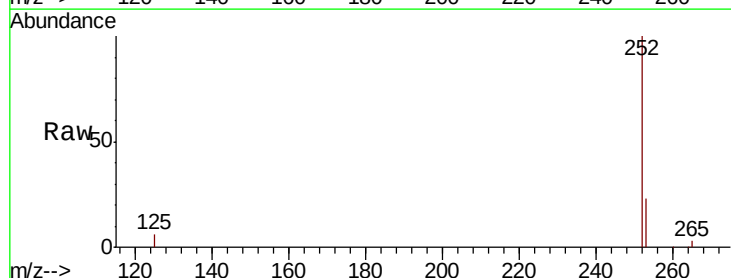
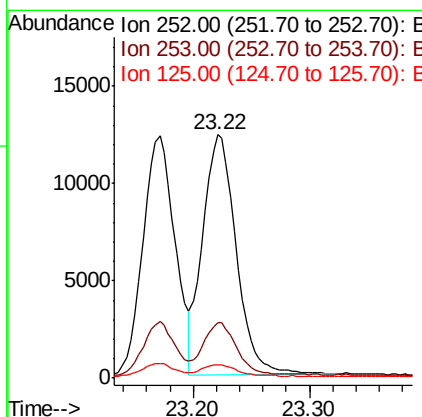
RT: 23.22 min Scan# 2018

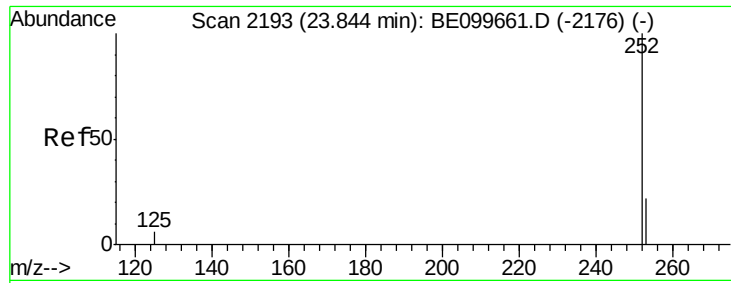
Delta R.T. -0.01 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

Tgt Ion:	252	Resp:	24814
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	5.6	4.6	6.8





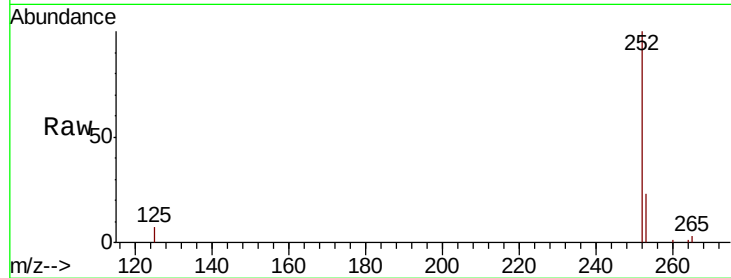
#37
Benzo(a)pyrene
Concen: 0.448 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Instrument :
BNA_E
ClientSampled :
PB119877BS

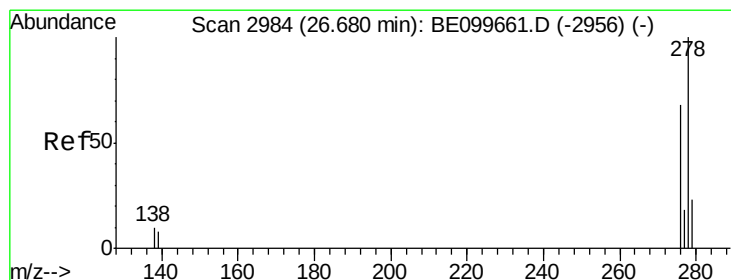
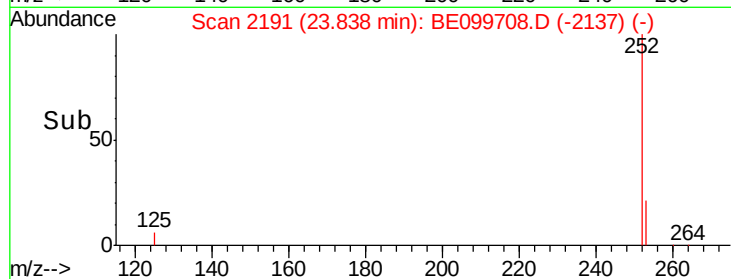
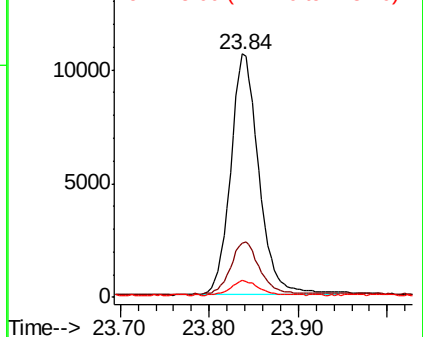
Tot Ion:	252	Resp:	23552
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.9	28.3
125	6.8	5.4	8.0

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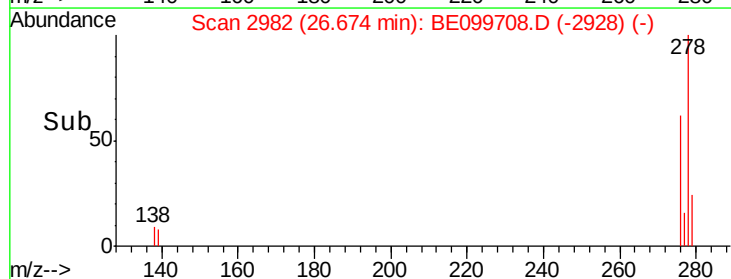
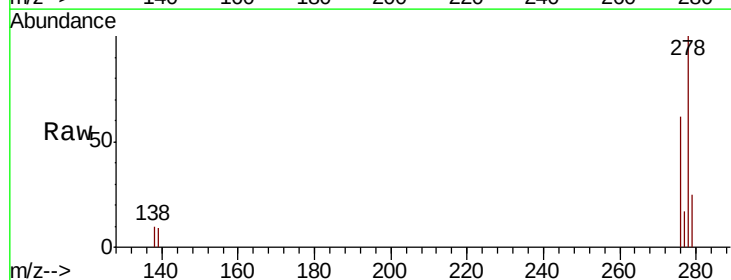
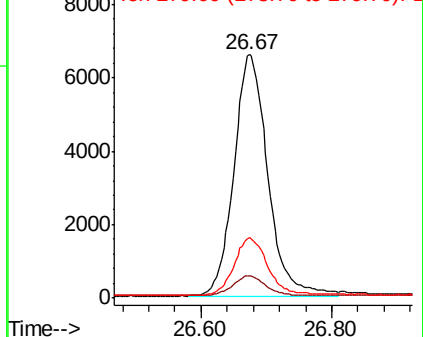
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

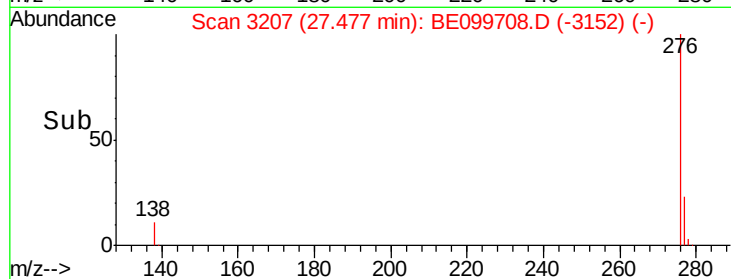
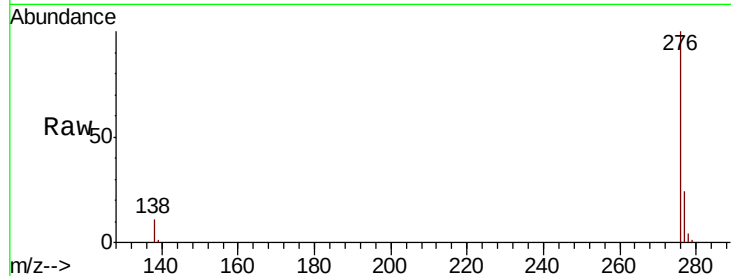
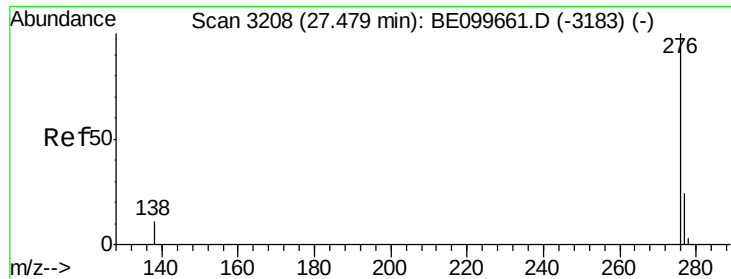


#38
Dibenzo(a,h)anthracene
Concen: 0.430 ng
RT: 26.67 min Scan# 2982
Delta R.T. -0.01 min
Lab File: BE099708.D
Acq: 22 May 2019 2:35

Tgt Ion:	278	Resp:	23703
Ion Ratio	Lower	Upper	
278	100		
139	9.1	6.9	10.3
279	24.6	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: 0.435 ng

RT: 27.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BE099708.D

Acq: 22 May 2019 2:35

Instrument :

BNA_E

ClientSampleId :

PB119877BS

Tot Ion:	276	Resp:	24246
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.8	29.6
138	11.4	9.2	13.8

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