

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
 Data File : BE099249.D
 Acq On : 29 Mar 2019 11:29
 Operator : JU/SJ
 Sample : PB118350BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118350BS

Manual Integrations
 APPROVED

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 4/1/2019 5:45:03 PM

Quant Time: Mar 29 23:06:13 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Mar 26 07:02:06 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3763	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	13366	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8966	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	28992	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	33898	0.40	ng	-0.01
34) Perylene-d12	23.89	264	23965	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	3312	0.29	ng	0.00
5) Phenol-d6	6.99	99	4507	0.26	ng	0.00
8) Nitrobenzene-d5	8.99	82	3196	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	7635m	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	694	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	12936	0.35	ng	0.00
25) Fluoranthene-d10	19.24	212	121969	0.35	ng	0.00
29) Terphenyl-d14	19.83	244	24391	0.33	ng	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	2065	0.416 ng	# 83
3) n-Nitrosodimethylamine	3.67	42	694	0.250 ng	# 86
6) bis(2-Chloroethyl)ether	7.25	93	3896	0.289 ng	98
9) Naphthalene	10.67	128	50748	0.322 ng	99
10) Hexachlorobutadiene	10.95	225	2927	0.348 ng	97
12) 2-Methylnaphthalene	12.30	142	8786	0.312 ng	99
16) Acenaphthylene	14.20	152	13046	0.285 ng	100
17) Acenaphthene	14.54	154	8703	0.318 ng	99
18) Fluorene	15.50	166	13004	0.338 ng	98
20) 4-Bromophenyl-phenylether	16.40	248	5361	0.287 ng	# 78
21) Hexachlorobenzene	16.51	284	5184	0.287 ng	99
22) Pentachlorophenol	16.85	266	473	0.417 ng	94
23) Phenanthrene	17.24	178	26706	0.314 ng	99
24) Anthracene	17.34	178	22640	0.294 ng	100
26) Fluoranthene	19.26	202	35811	0.330 ng	99
28) Pyrene	19.63	202	37467	0.333 ng	99
30) Benzo(a)anthracene	21.37	228	30700	0.274 ng	99
31) Chrysene	21.41	228	36472	0.305 ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	31585	0.237 ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	17718m	0.157 ng	
35) Benzo(b)fluoranthene	23.12	252	20909m	0.265 ng	
36) Benzo(k)fluoranthene	23.17	252	32966	0.395 ng	97
37) Benzo(a)pyrene	23.78	252	23485	0.319 ng	97
38) Dibenzo(a,h)anthracene	26.57	278	9306	0.142 ng	# 94
39) Benzo(g,h,i)perylene	27.37	276	12726	0.194 ng	98

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

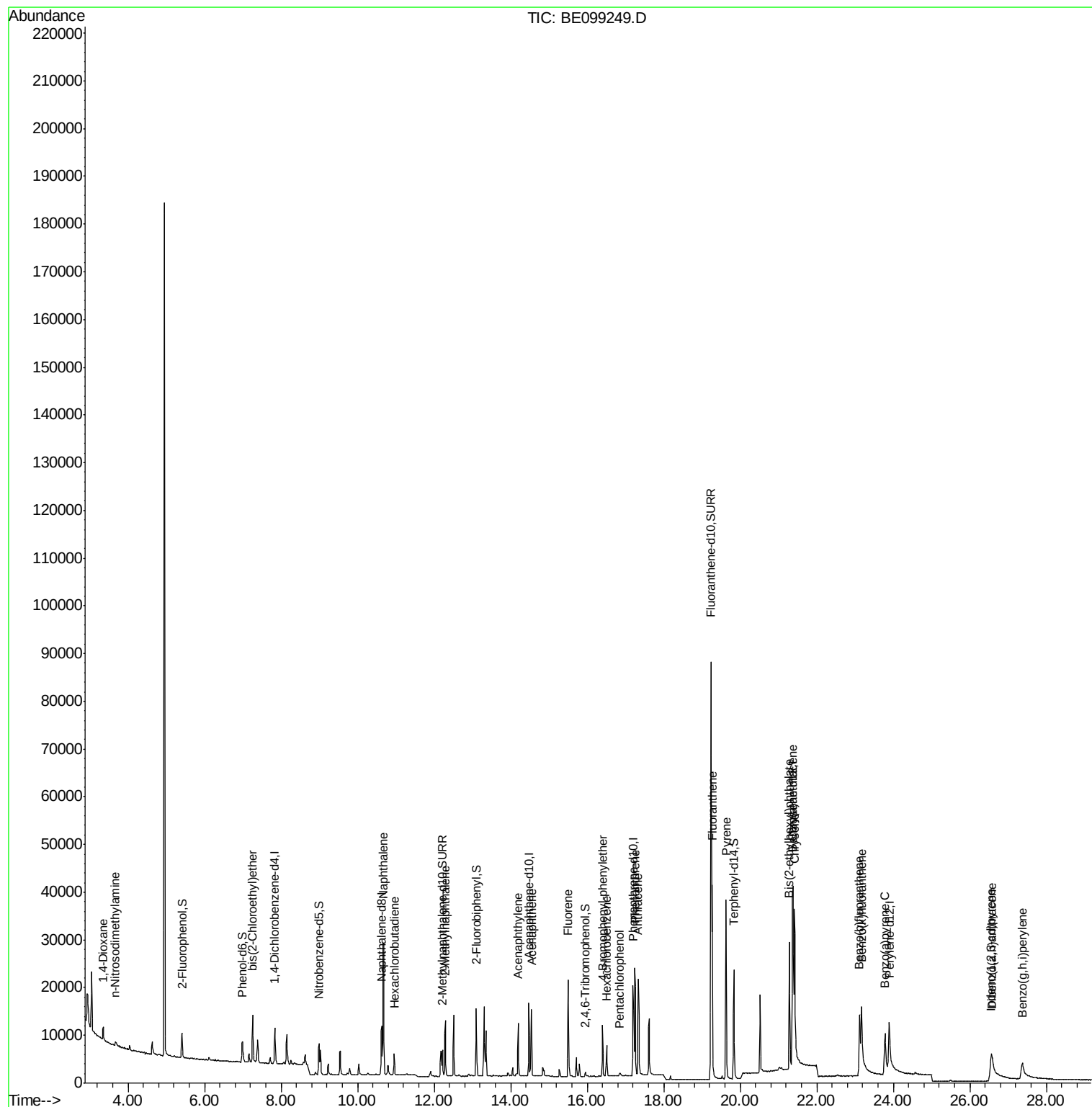
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099249.D
Acq On : 29 Mar 2019 11:29
Operator : JU/SJ
Sample : PB118350BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

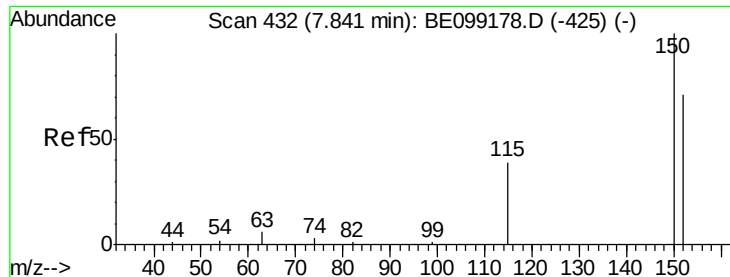
Instrument :
BNA_E
ClientSampleId :
PB118350BS

Quant Time: Mar 29 23:06:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
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#1

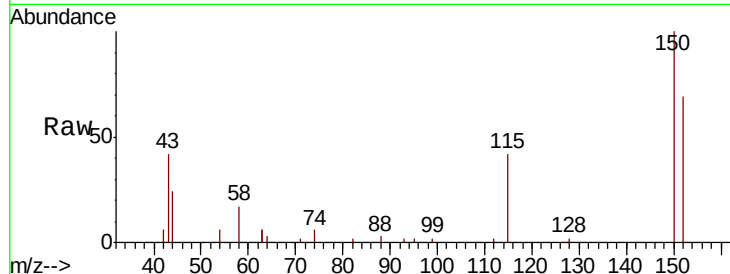
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099249.D
Acq: 29 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
PB118350BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.8	112.8	169.2
115	60.3	45.1	67.7

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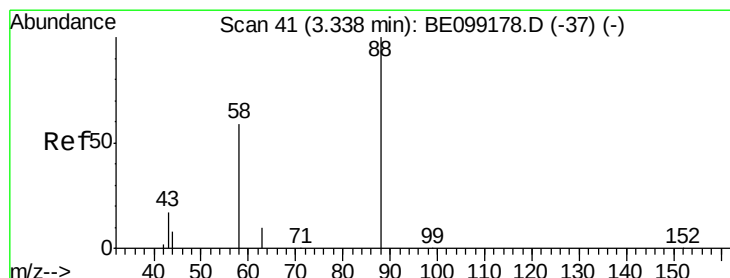
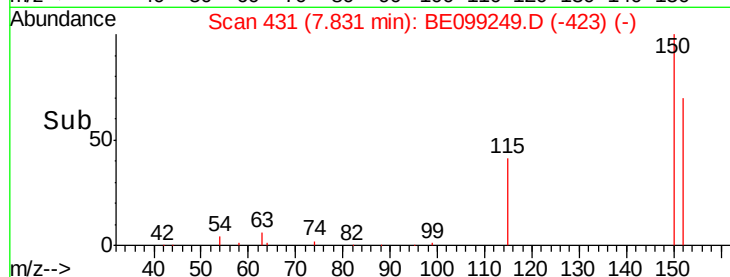
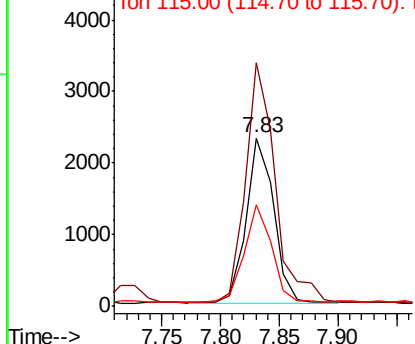


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

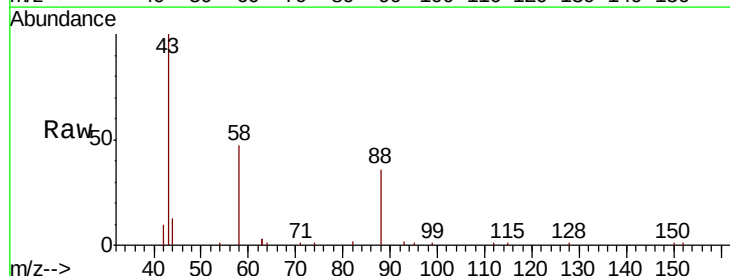
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.416 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE099249.D
Acq: 29 Mar 2019 11:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.8	47.4	71.0
43	49.5	15.6	23.4

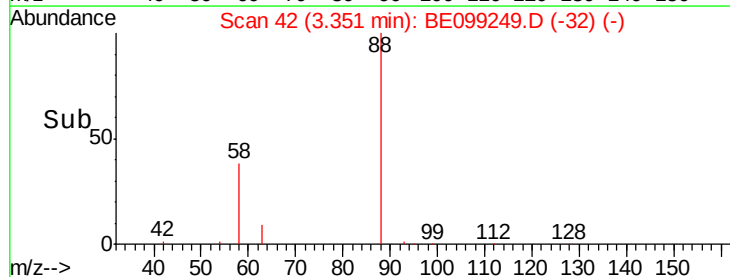
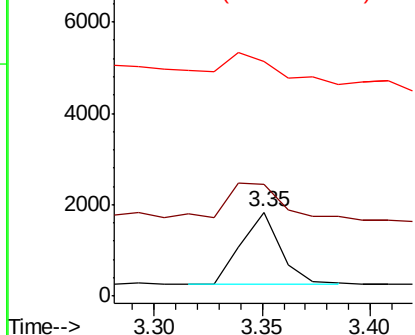


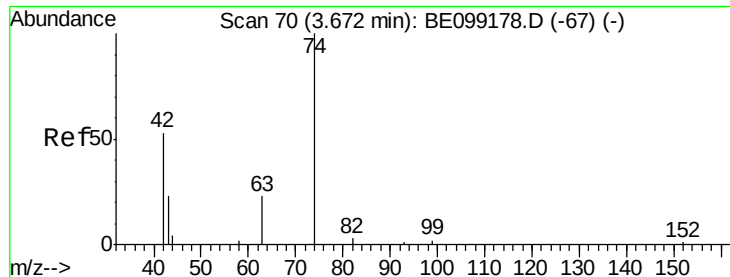
Abundance

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: 0.250 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

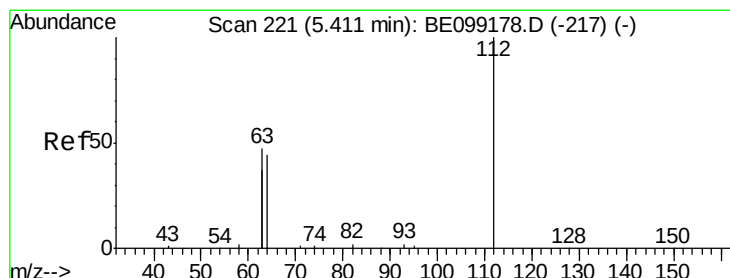
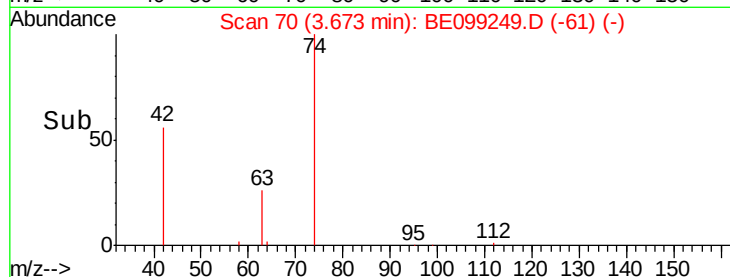
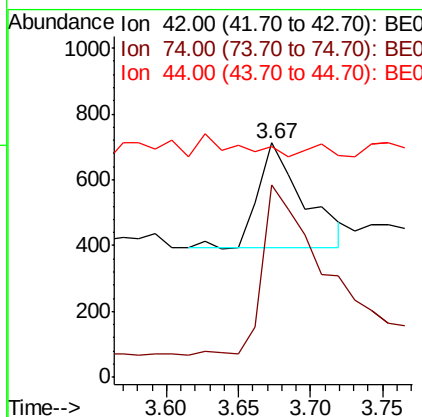
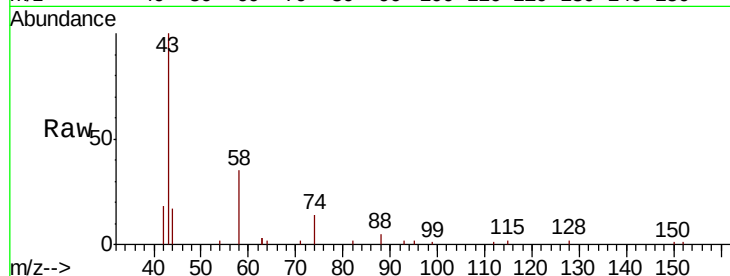
ClientSampled :

PB118350BS

Tgt Ion:	42	Resp:	694
Ion	Ratio	Lower	Upper
42	100		
74	188.6	138.6	207.8
44	0.0	15.0	22.6#

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#4

2-Fluorophenol

Concen: 0.295 ng

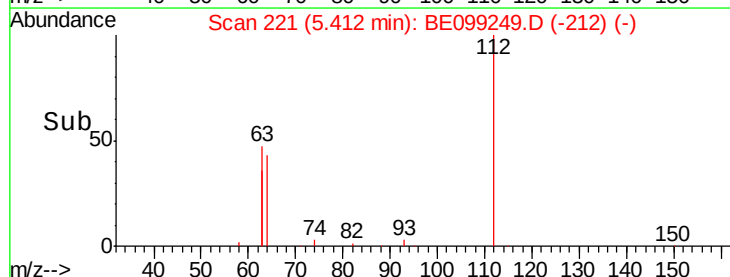
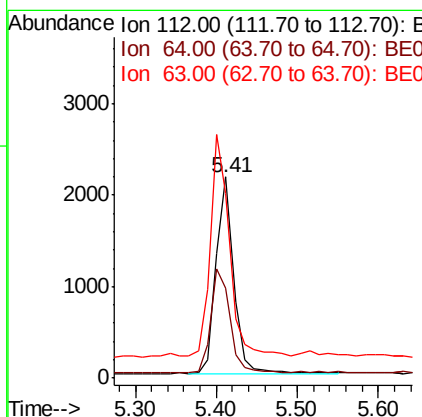
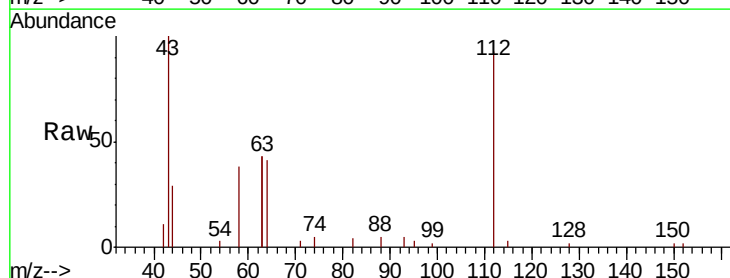
RT: 5.41 min Scan# 221

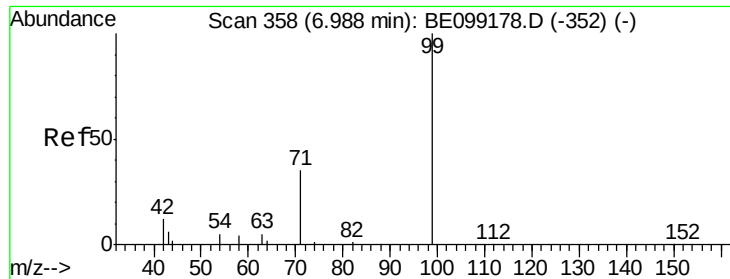
Delta R.T. 0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Tgt Ion:	112	Resp:	3312
Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.2	69.2
63	120.8	89.9	134.9





#5

Phenol-d6

Concen: 0.263 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

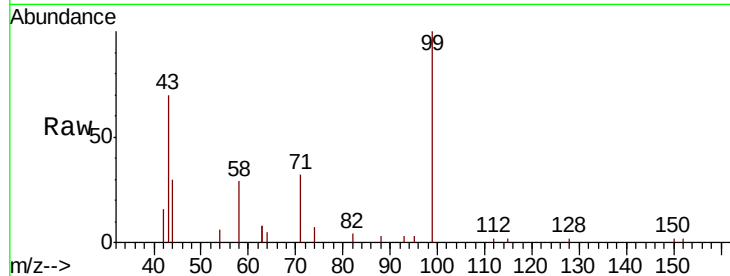
ClientSampleId :

PB118350BS

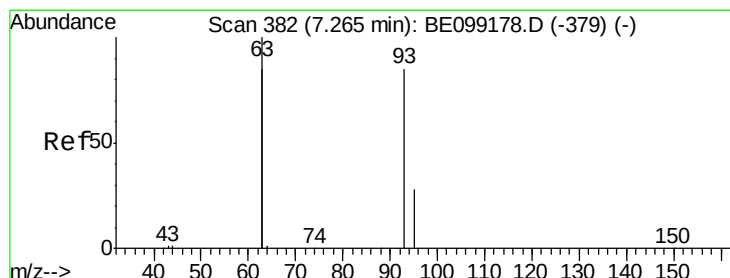
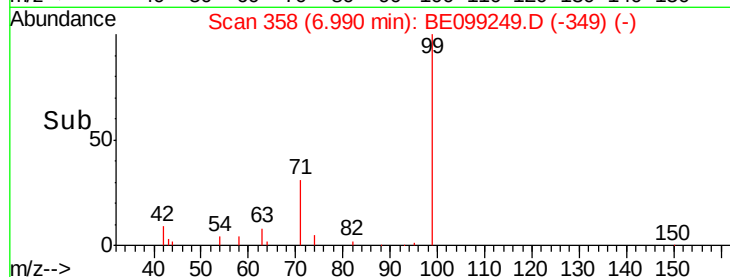
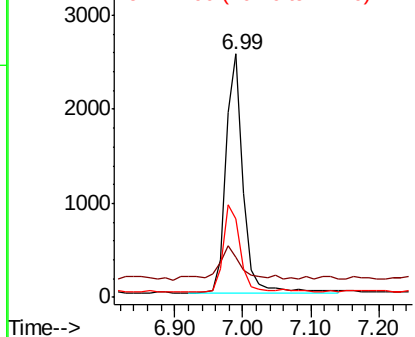
Tgt Ion:	99	Resp:	4507
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.4	18.6
71	37.7	28.4	42.6

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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.289 ng

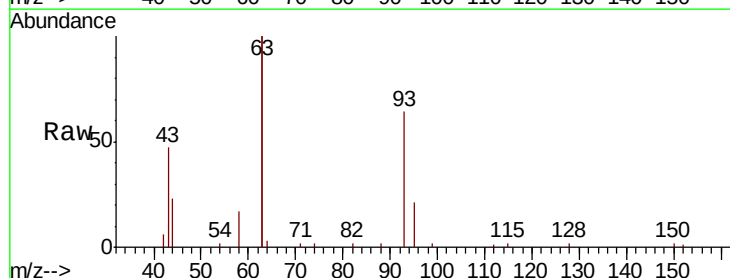
RT: 7.25 min Scan# 381

Delta R.T. -0.01 min

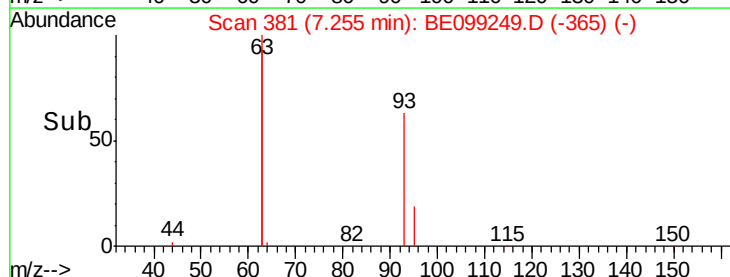
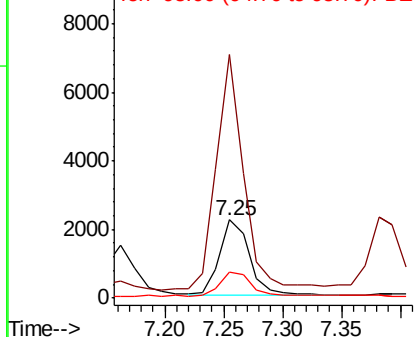
Lab File: BE099249.D

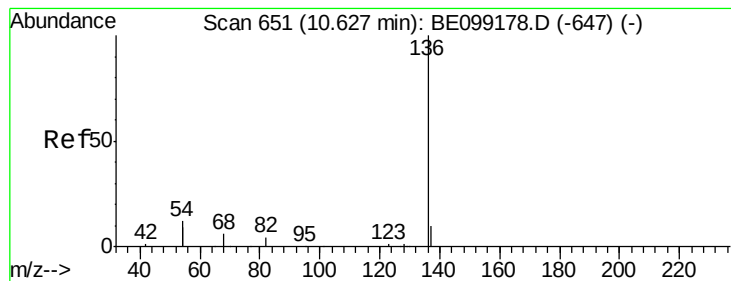
Acq: 29 Mar 2019 11:29

Tgt Ion:	93	Resp:	3896
Ion	Ratio	Lower	Upper
93	100		
63	279.9	221.4	332.0
95	33.3	25.8	38.8



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

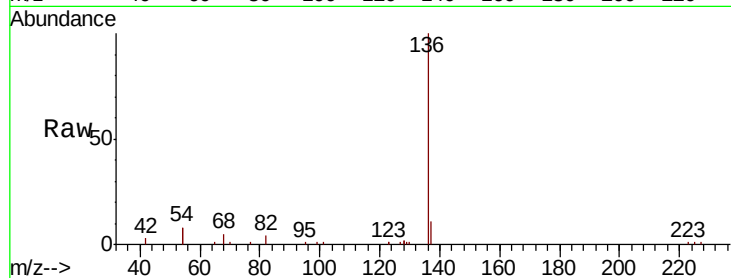
ClientSampleId :

PB118350BS

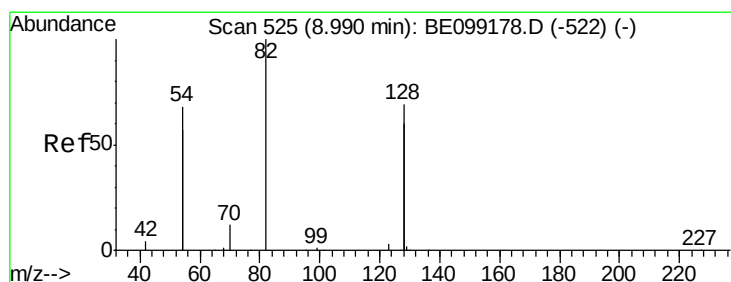
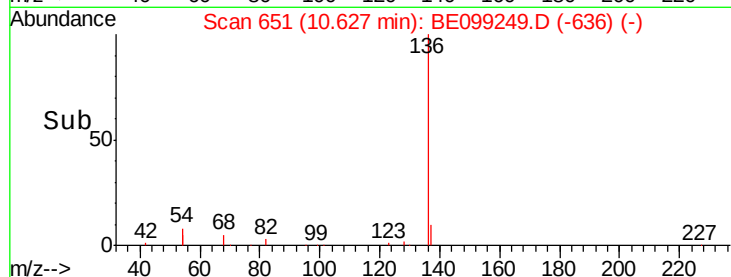
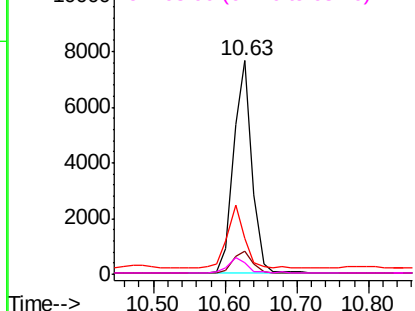
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	13366		
137	11.0	8.7	13.1	
54	16.5	18.7	28.1	
68	5.3	5.2	7.8	

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.293 ng

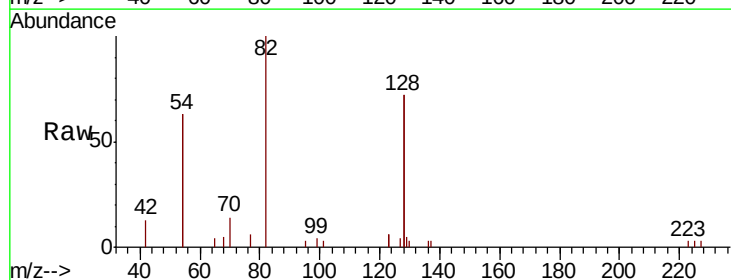
RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

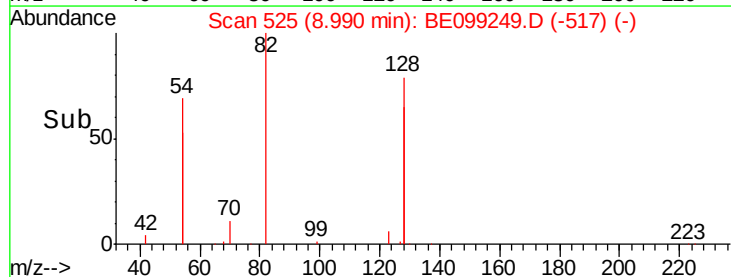
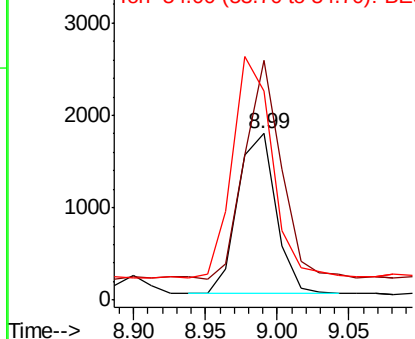
Lab File: BE099249.D

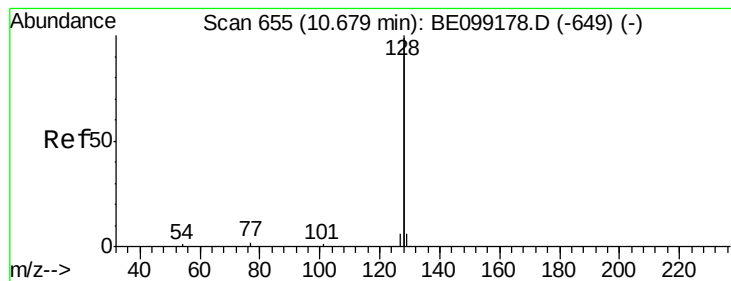
Acq: 29 Mar 2019 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	3196		
128	143.9	107.5	161.3	
54	125.9	106.3	159.5	



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.322 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

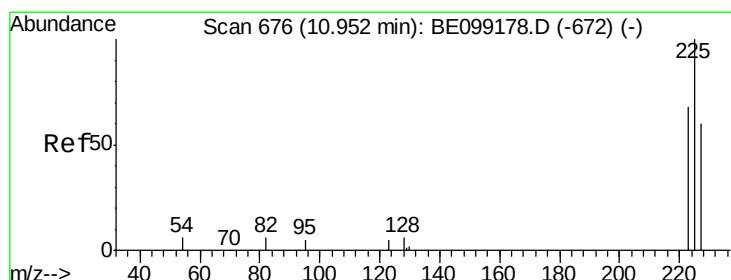
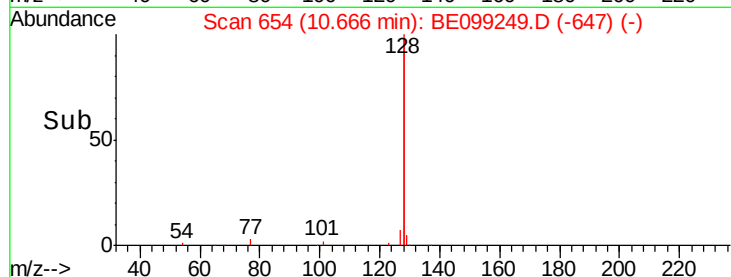
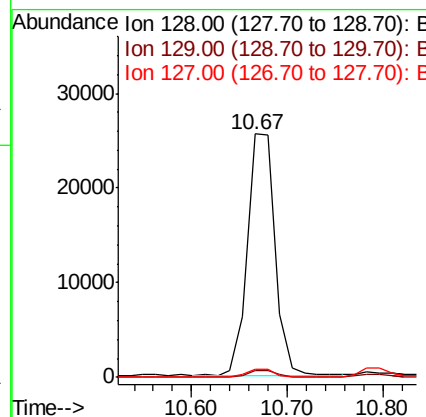
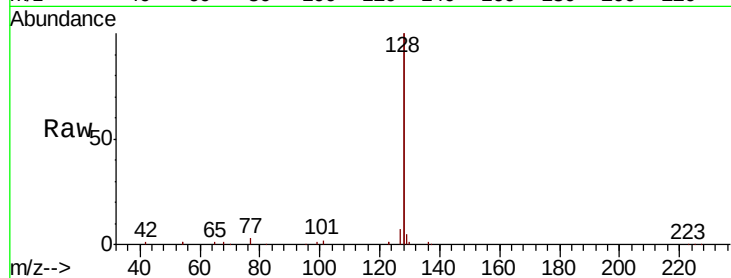
ClientSampleId :

PB118350BS

Tgt Ion:	128	Resp:	50748
Ion Ratio	Lower	Upper	
128	100		
129	2.7	2.3	3.5
127	3.6	2.6	3.8

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#10

Hexachlorobutadiene

Concen: 0.348 ng

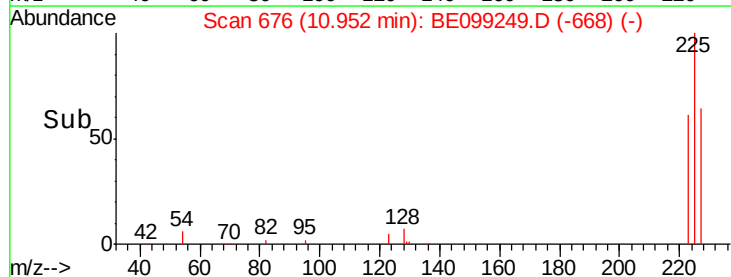
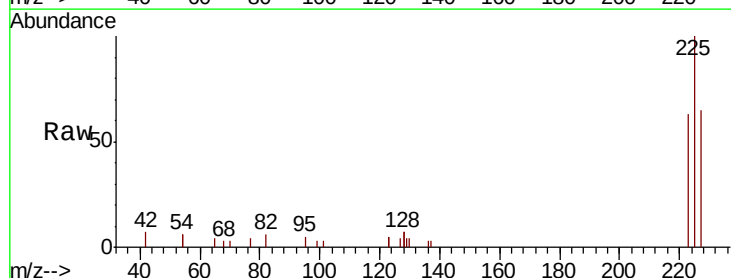
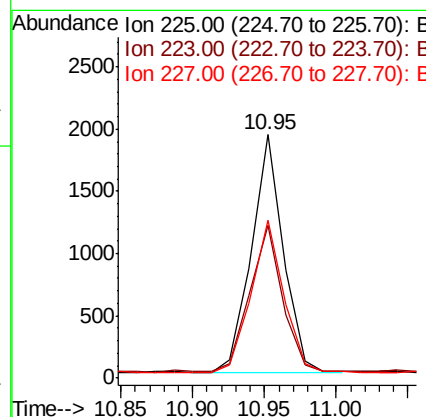
RT: 10.95 min Scan# 676

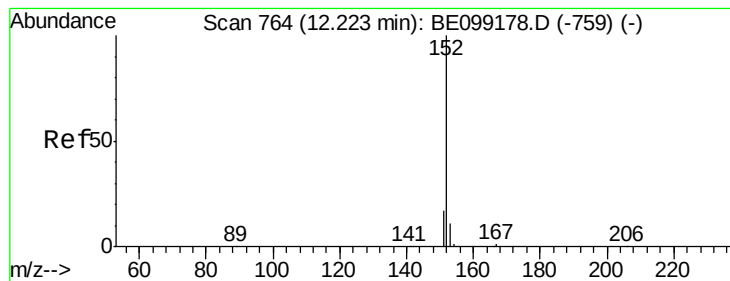
Delta R.T. 0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Tgt Ion:	225	Resp:	2927
Ion Ratio	Lower	Upper	
225	100		
223	64.2	51.3	76.9
227	65.1	48.6	73.0





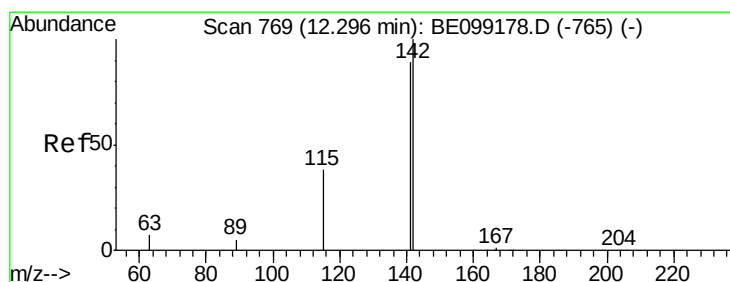
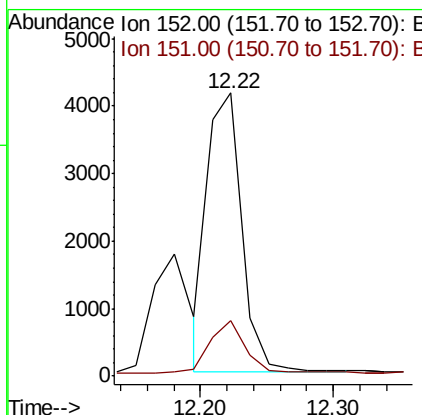
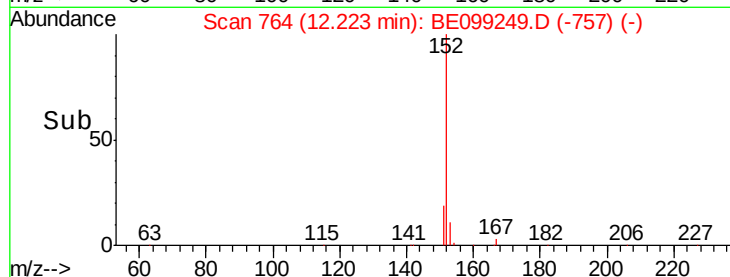
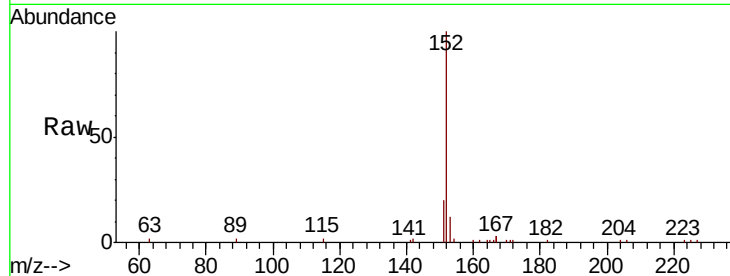
#11
 2-Methylnaphthalene-d10
 Concen: 0.296 ng m
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099249.D
 Acq: 29 Mar 2019 11:29

Instrument :
 BNA_E
 ClientSampleId :
 PB118350BS

Tgt Ion:152 Resp: 7635
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.0 22.6

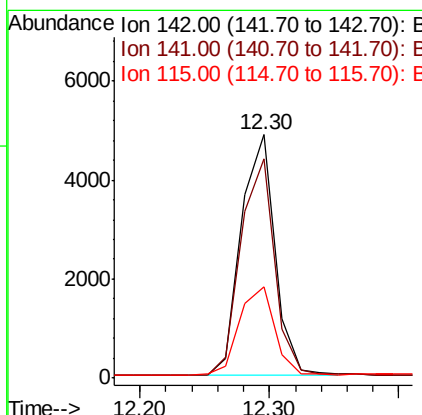
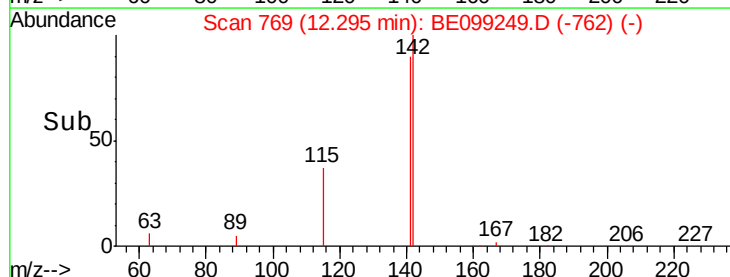
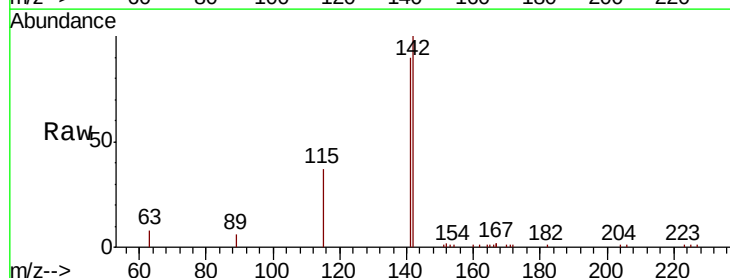
Manual Integrations
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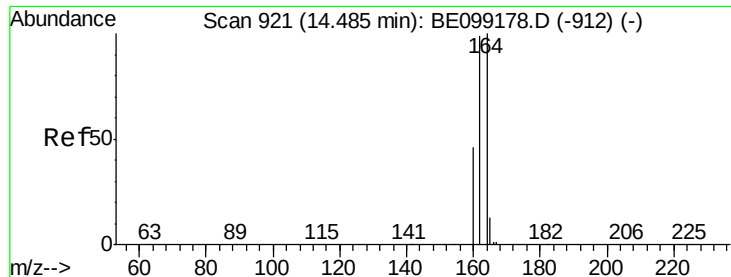
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#12
 2-Methylnaphthalene
 Concen: 0.312 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE099249.D
 Acq: 29 Mar 2019 11:29

Tgt Ion:142 Resp: 8786
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.3 106.9
 115 37.4 30.4 45.6





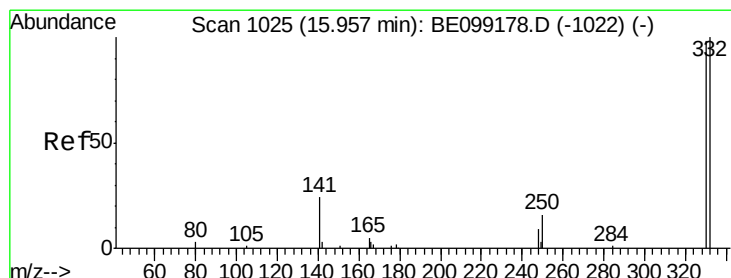
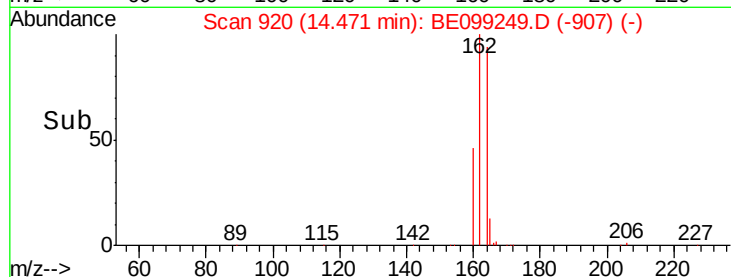
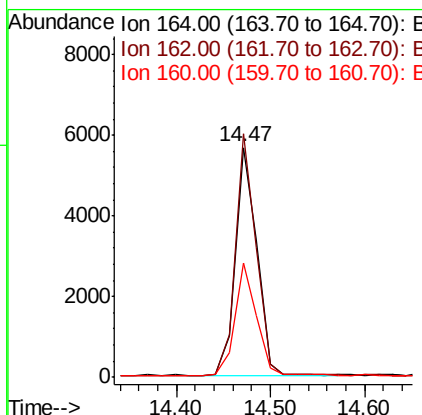
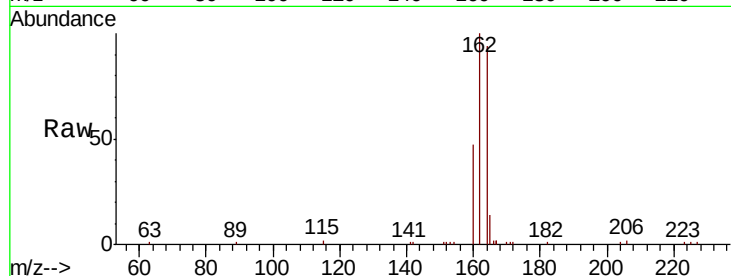
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099249.D
Acq: 29 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
PB118350BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	79.2	118.8
160	49.5	36.7	55.1

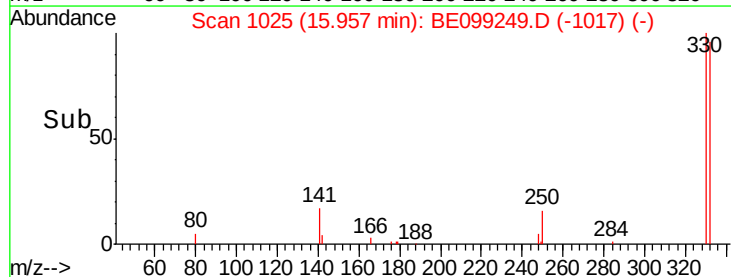
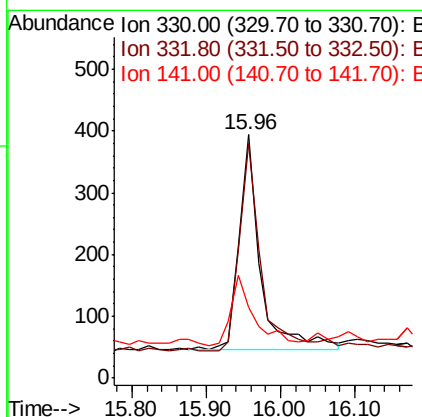
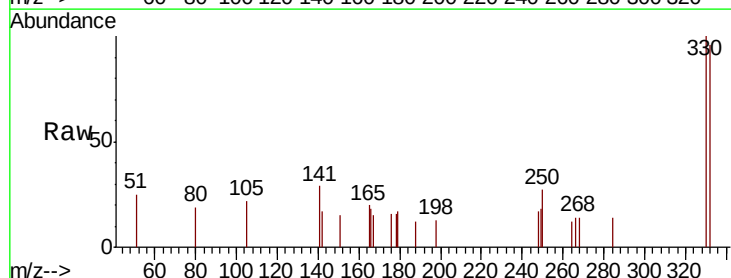
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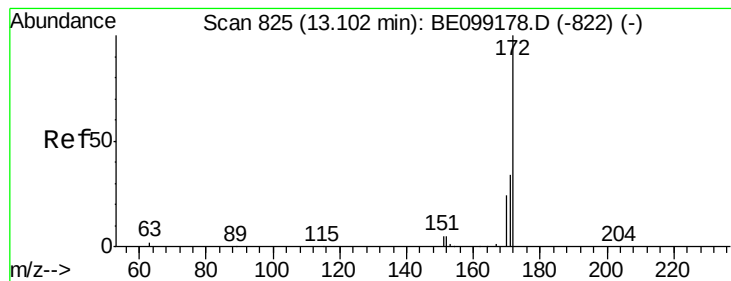
Sohil
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#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099249.D
Acq: 29 Mar 2019 11:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	105.0	71.3	106.9
141	36.2	21.7	32.5#





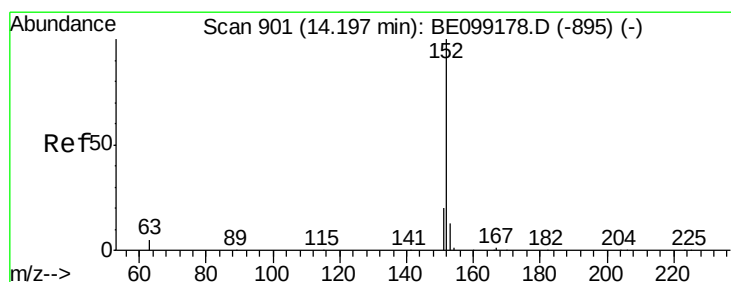
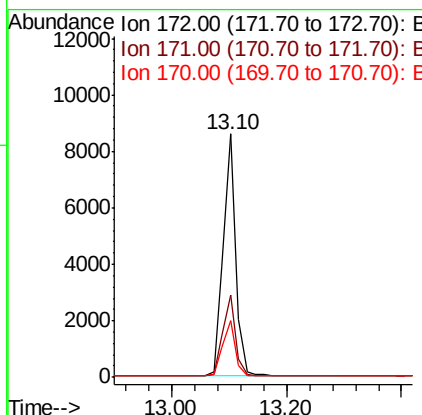
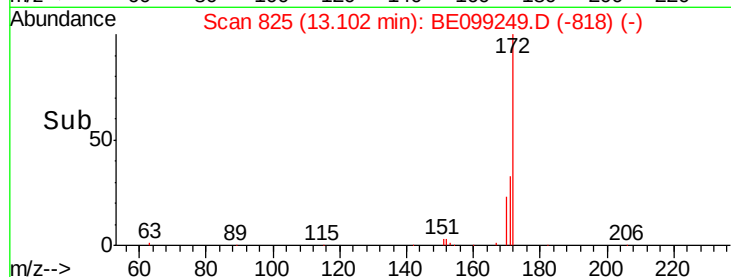
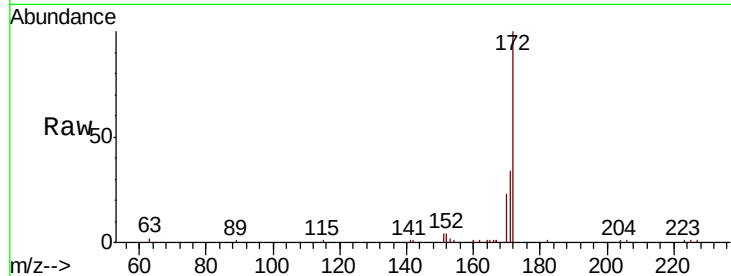
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099249.D
Acq: 29 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
PB118350BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.4	41.0
170	23.1	19.1	28.7

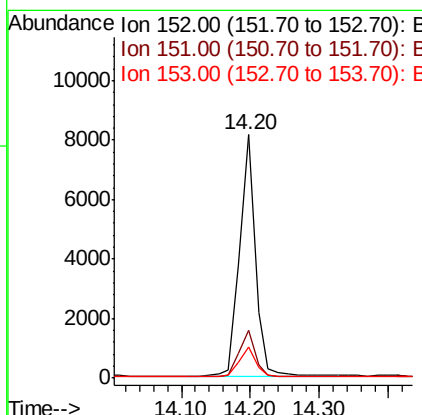
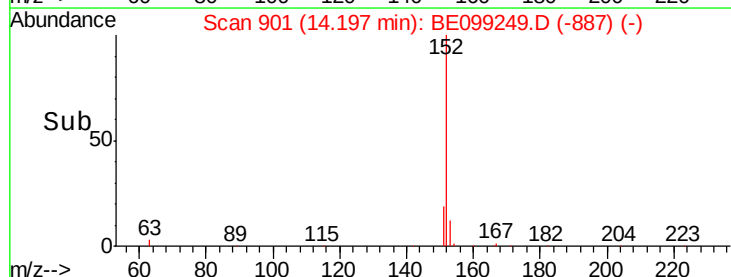
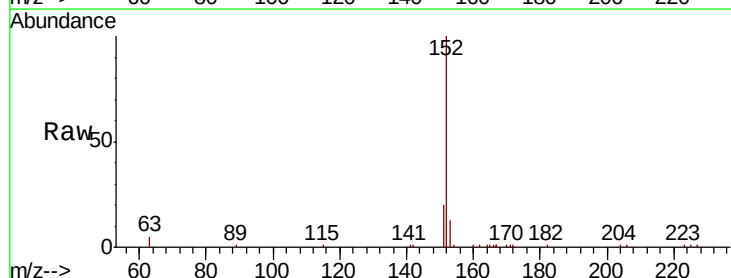
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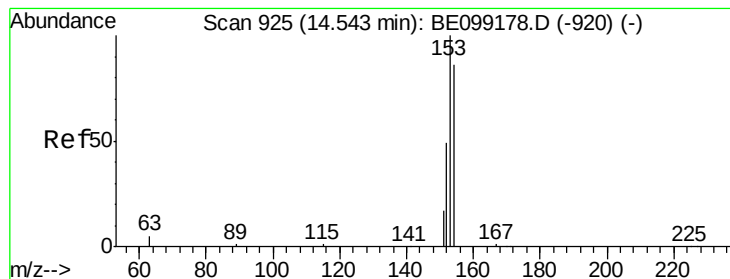
Sohil
4/1/2019 5:45:03 PM



#16
Acenaphthylene
Concen: 0.285 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099249.D
Acq: 29 Mar 2019 11:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.0	10.6	15.8





#17

Acenaphthene

Concen: 0.318 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

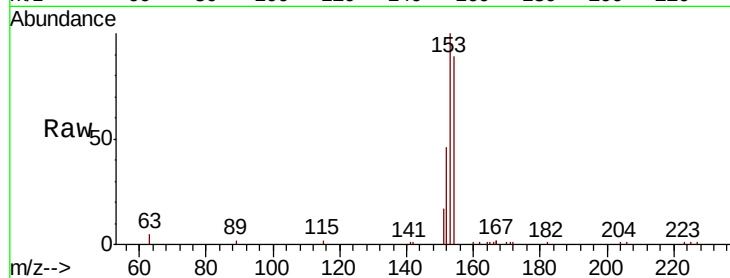
ClientSampleId :

PB118350BS

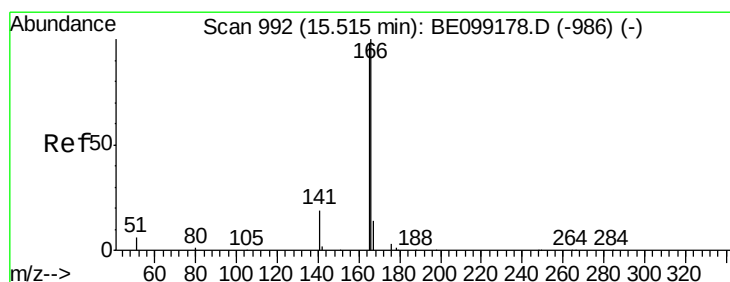
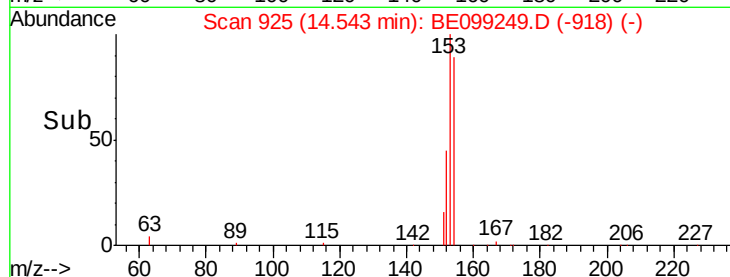
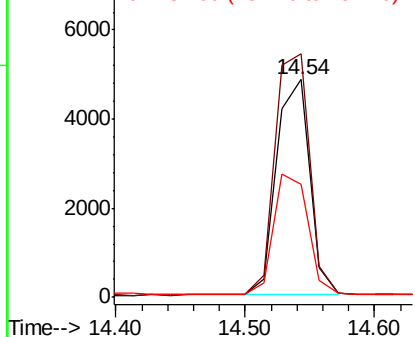
Tgt Ion:	154	Resp:	8703
Ion Ratio	Lower	Upper	
154	100		
153	115.6	93.4	140.0
152	57.2	46.6	69.8

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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: 0.338 ng

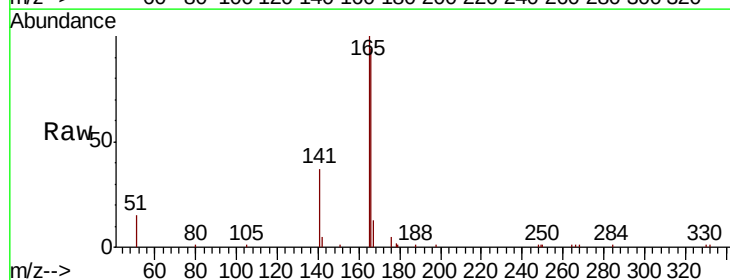
RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

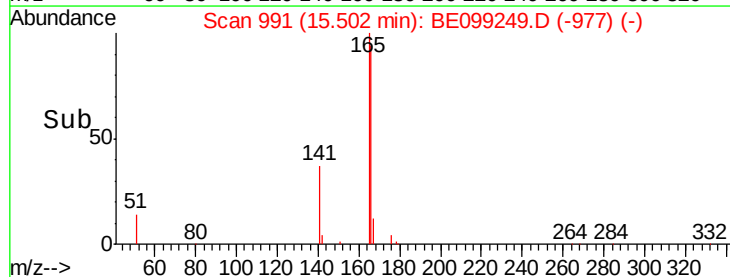
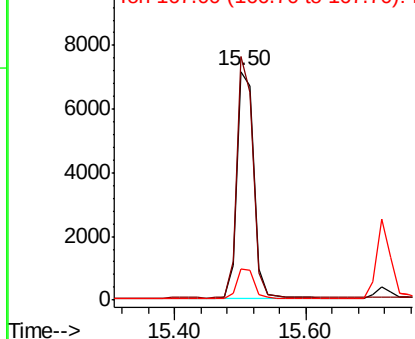
Lab File: BE099249.D

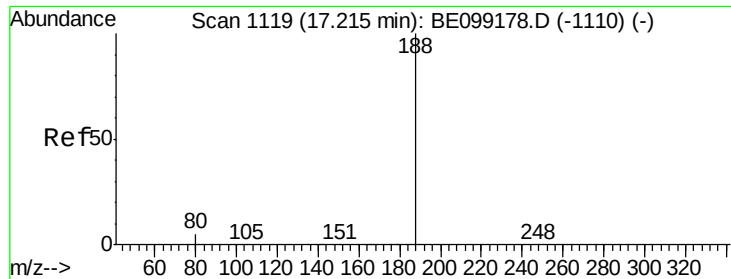
Acq: 29 Mar 2019 11:29

Tgt Ion:	166	Resp:	13004
Ion Ratio	Lower	Upper	
166	100		
165	101.3	78.9	118.3
167	13.6	10.9	16.3



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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

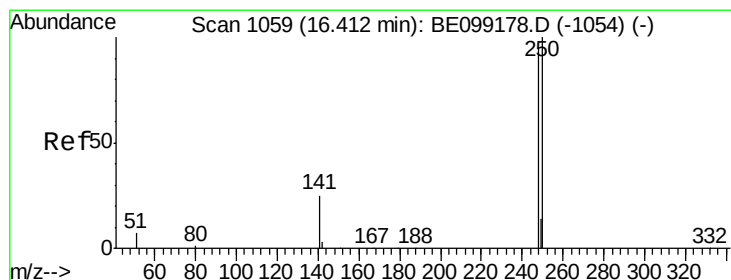
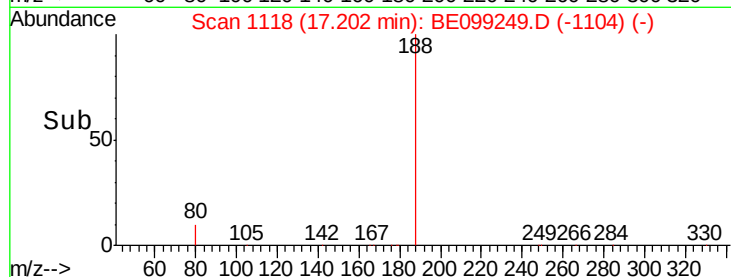
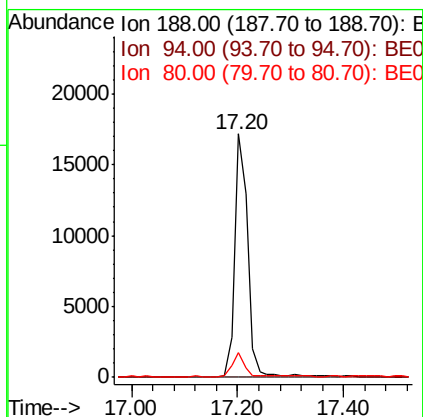
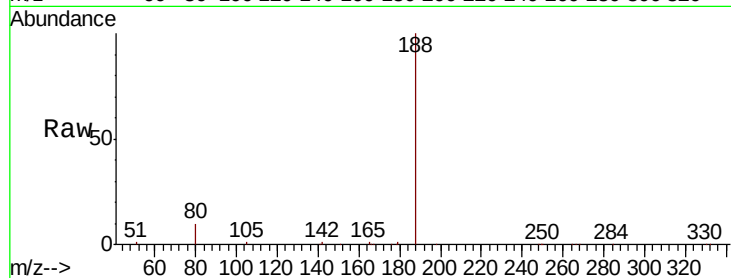
ClientSampleId :

PB118350BS

Tgt Ion:	188	Resp:	28992
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.4	4.5	6.7#

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#20

4-Bromophenyl-phenylether

Concen: 0.287 ng

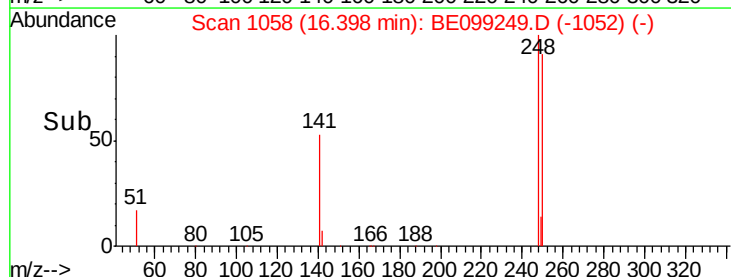
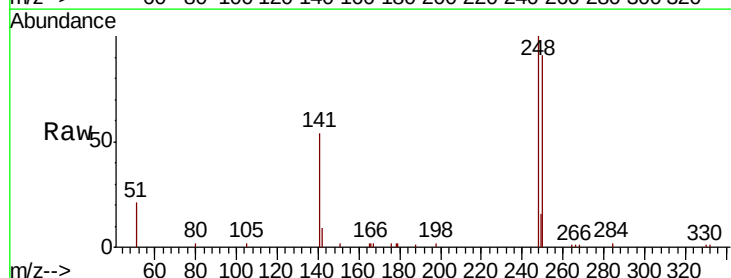
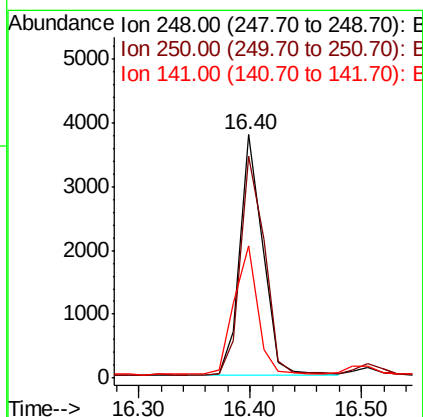
RT: 16.40 min Scan# 1058

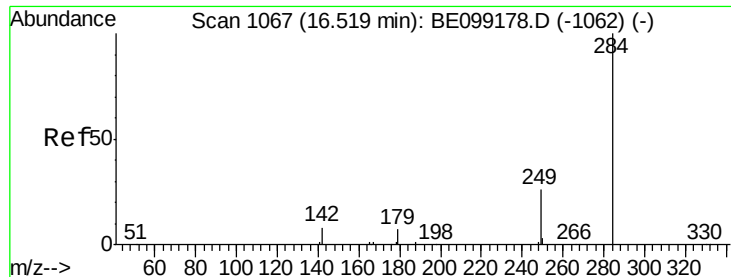
Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Tgt Ion:	248	Resp:	5361
Ion Ratio	Lower	Upper	
248	100		
250	91.0	84.2	126.2
141	54.2	21.8	32.6#





#21

Hexachlorobenzene

Concen: 0.287 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

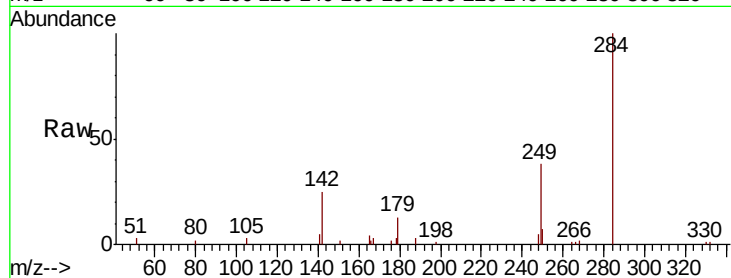
ClientSampleId :

PB118350BS

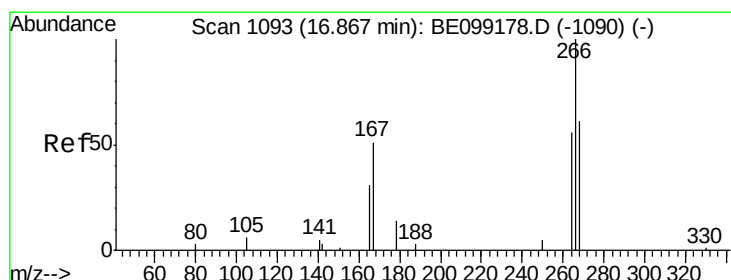
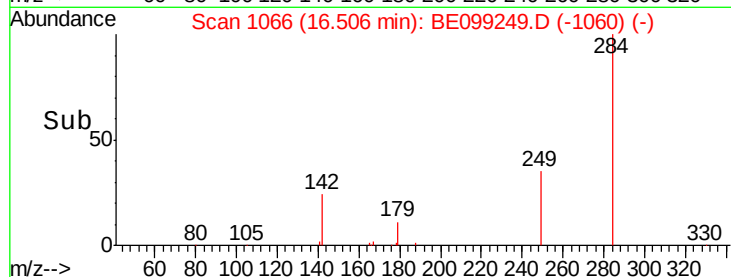
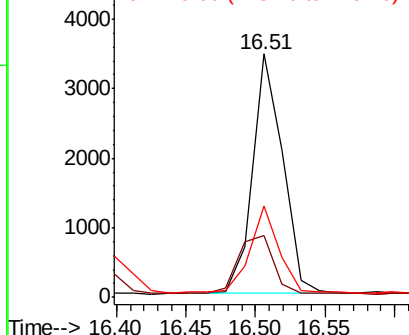
Tgt Ion:	284	Resp:	5184
Ion Ratio	Lower	Upper	
284	100		
142	27.9	22.7	34.1
249	33.7	26.9	40.3

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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: 0.417 ng

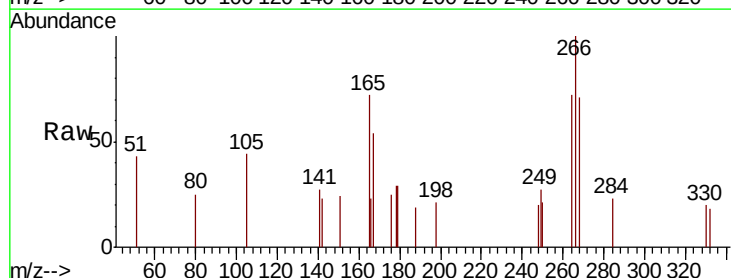
RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

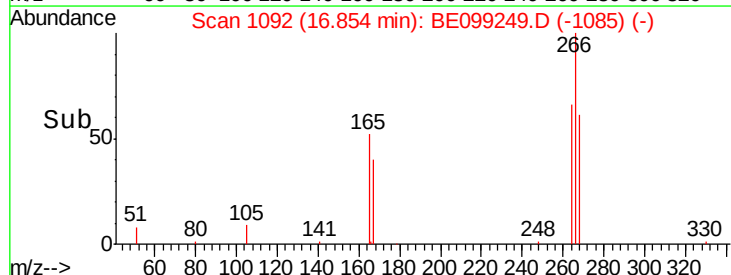
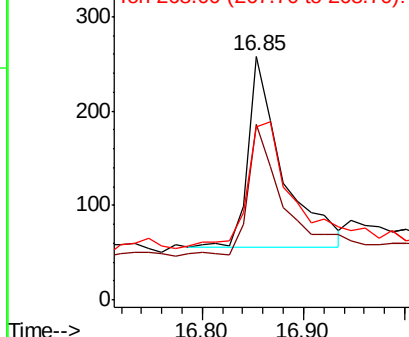
Lab File: BE099249.D

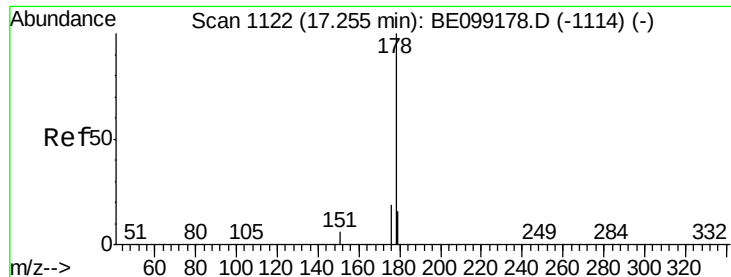
Acq: 29 Mar 2019 11:29

Tgt Ion:	266	Resp:	473
Ion Ratio	Lower	Upper	
266	100		
264	72.1	54.4	81.6
268	70.9	61.3	91.9



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: 0.314 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

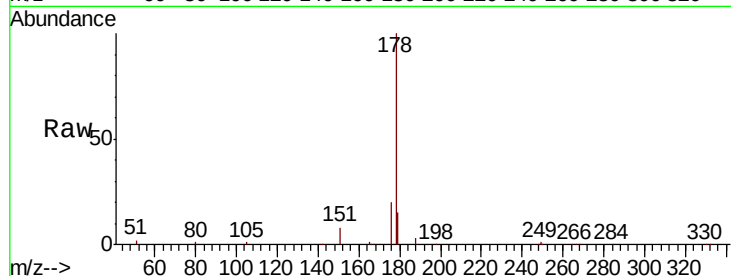
ClientSampleId :

PB118350BS

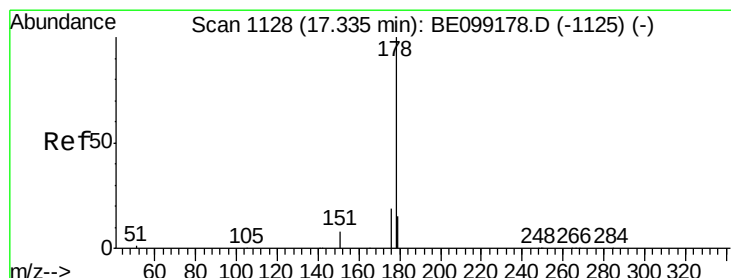
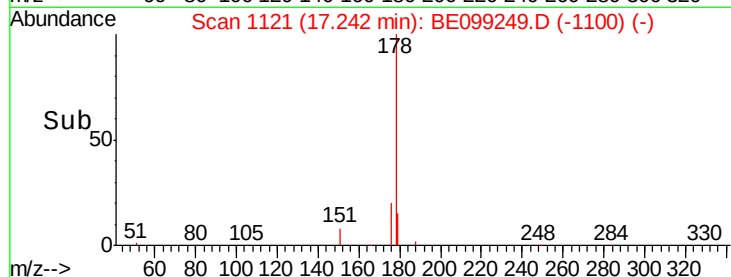
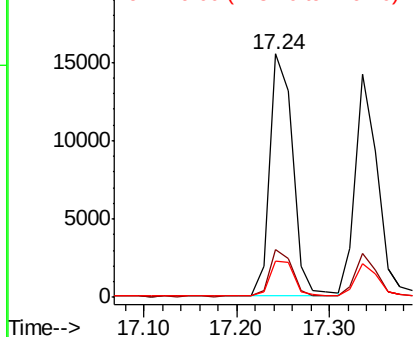
Tgt Ion:	178	Resp:	26706
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.2
179	15.5	12.3	18.5

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.294 ng

RT: 17.34 min Scan# 1128

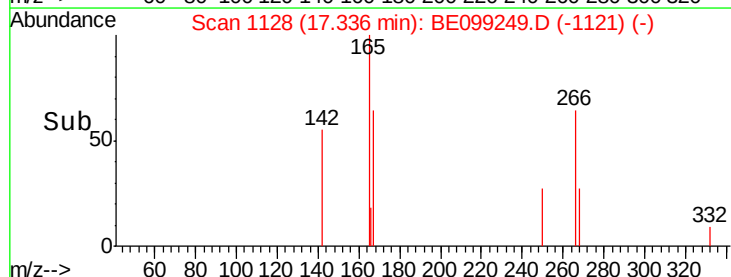
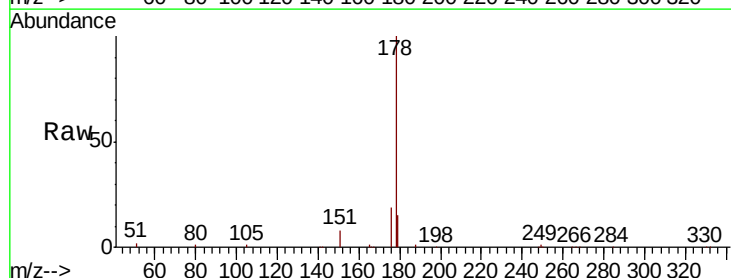
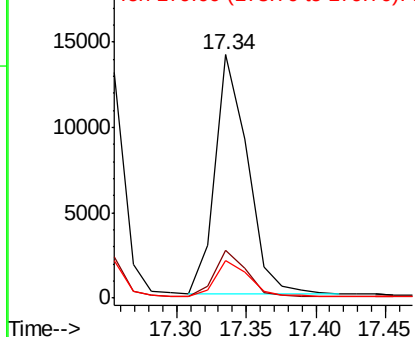
Delta R.T. 0.00 min

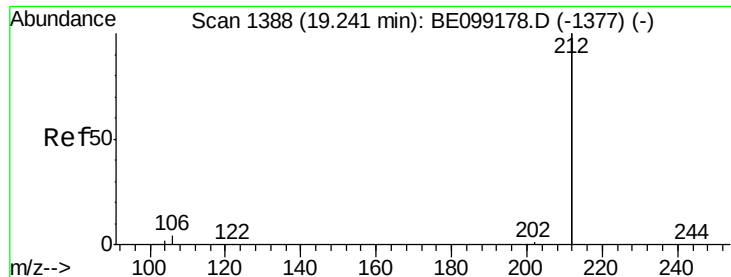
Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Tgt Ion:	178	Resp:	22640
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.1	22.7
179	15.2	12.4	18.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.347 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

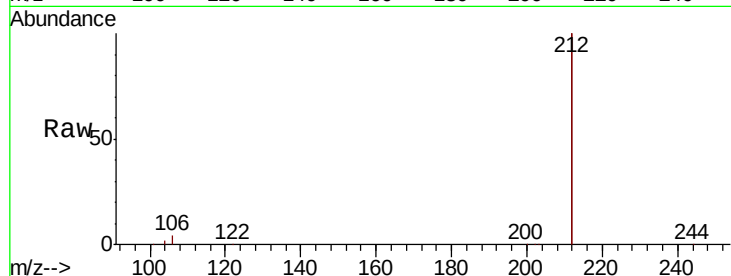
ClientSampleId :

PB118350BS

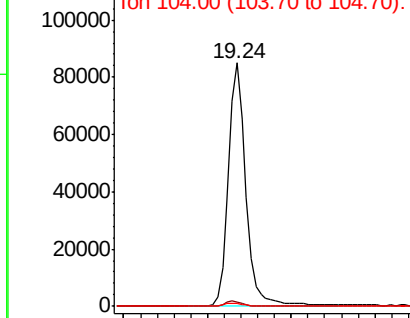
Tgt	Ion	Ratio	Resp	Lower	Upper
212	100		121969		
106	2.2	1.8	2.8		
104	1.2	1.1	1.7		

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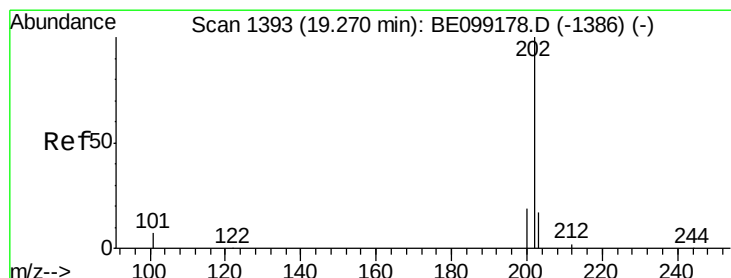
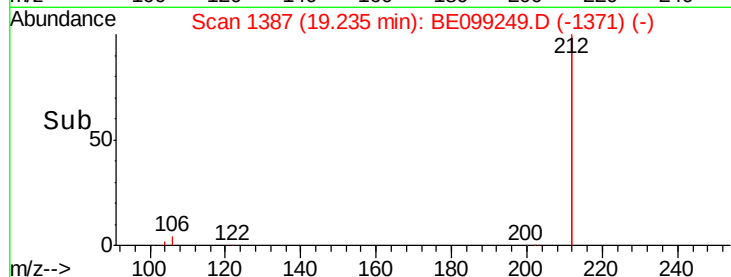
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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 19.10 19.20 19.30 19.40



#26

Fluoranthene

Concen: 0.330 ng

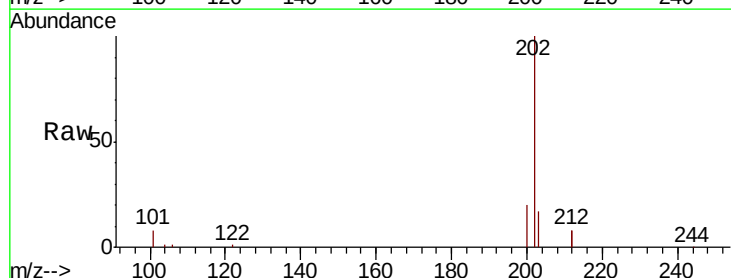
RT: 19.26 min Scan# 1392

Delta R.T. -0.01 min

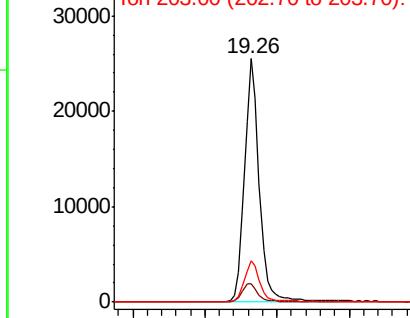
Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

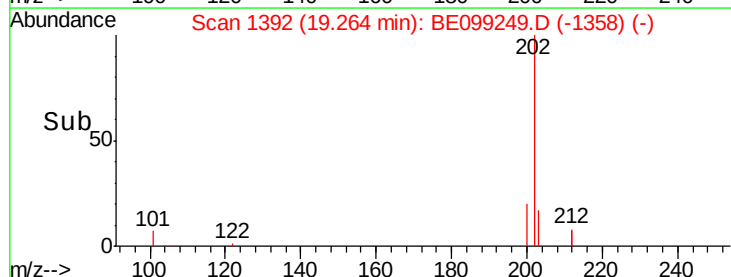
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		35811		
101	7.6	7.0	10.4		
203	17.2	13.8	20.6		

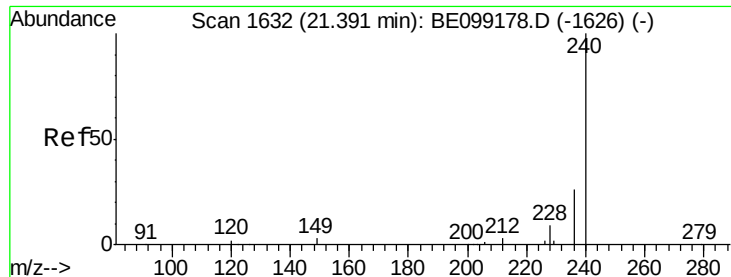


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.10 19.20 19.30 19.40





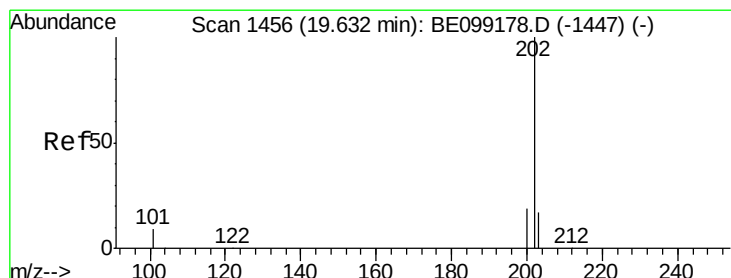
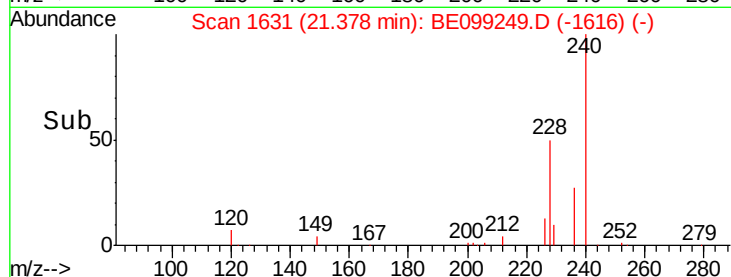
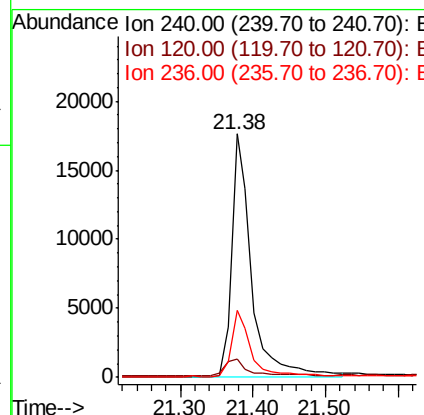
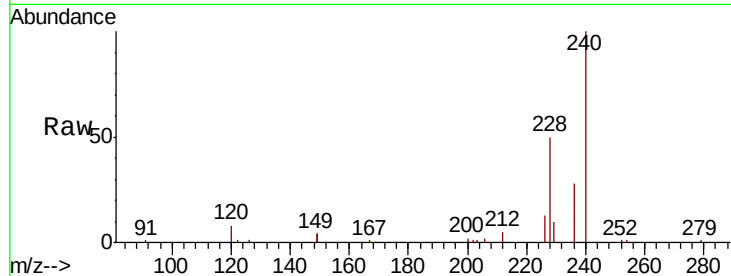
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BE099249.D
 Acq: 29 Mar 2019 11:29

Instrument :
 BNA_E
 ClientSampleId :
 PB118350BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	2.6	3.8#
236	27.7	20.9	31.3

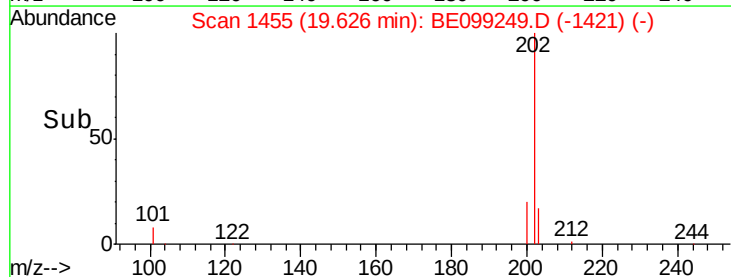
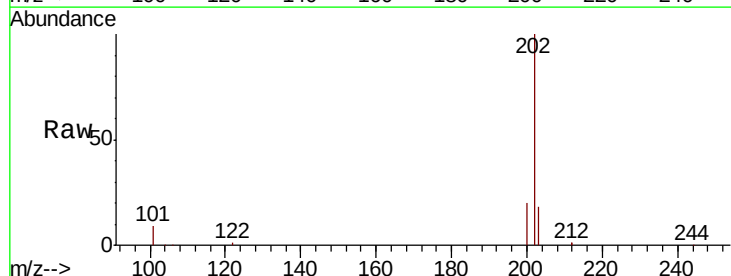
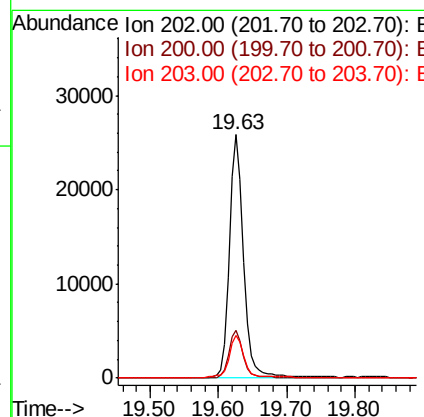
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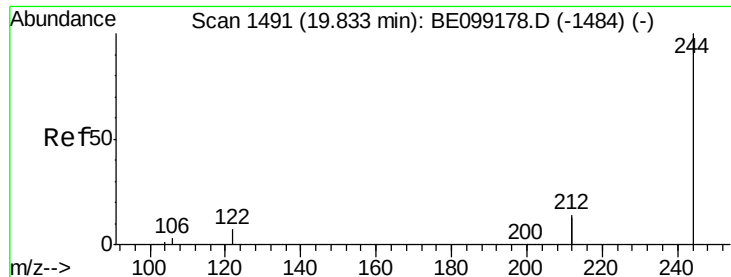
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#28
 Pyrene
 Concen: 0.333 ng
 RT: 19.63 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BE099249.D
 Acq: 29 Mar 2019 11:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.8	23.8
203	18.0	14.1	21.1





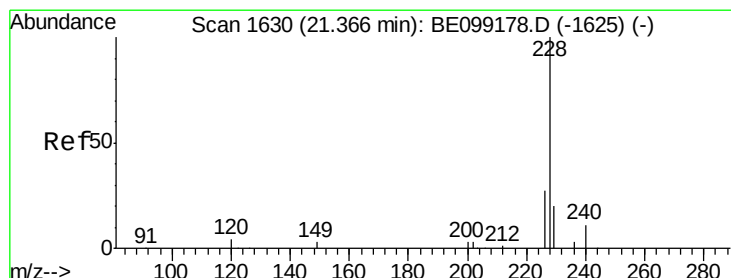
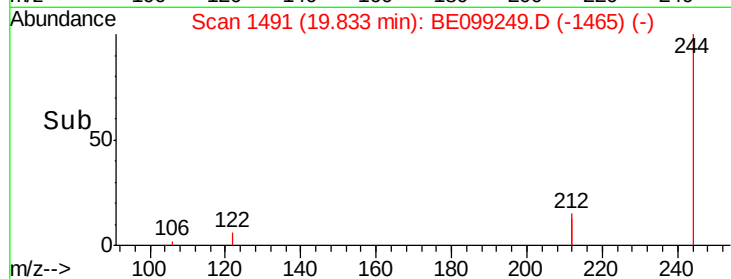
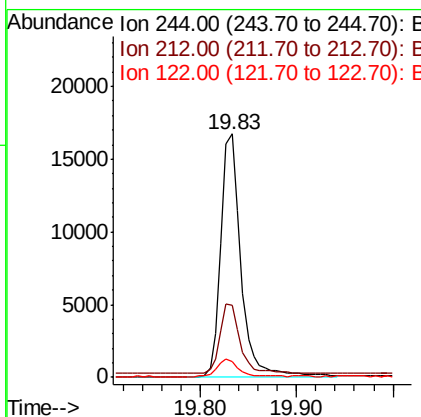
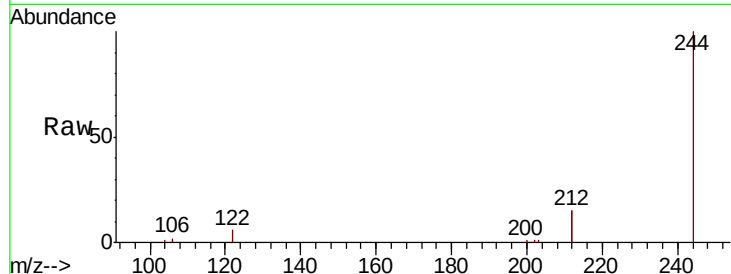
#29
 Terphenyl-d14
 Concen: 0.331 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: BE099249.D
 Acq: 29 Mar 2019 11:29

Instrument :
 BNA_E
 ClientSampleId :
 PB118350BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	29.4	22.7	34.1
122	6.5	5.8	8.6

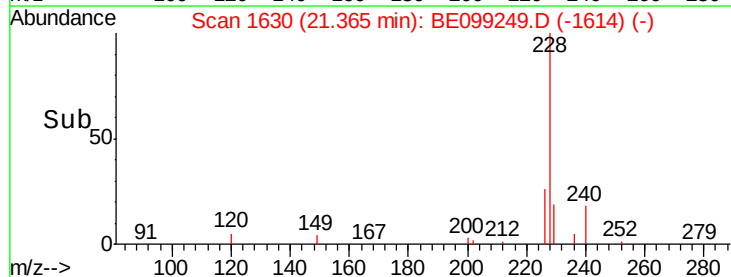
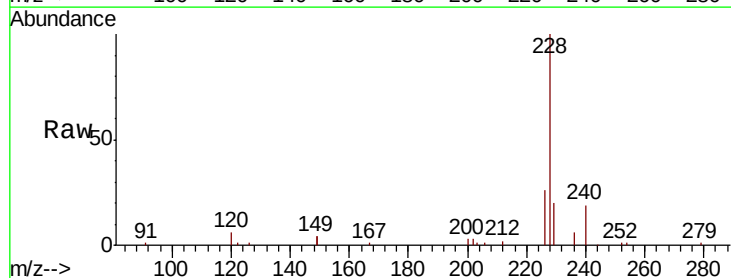
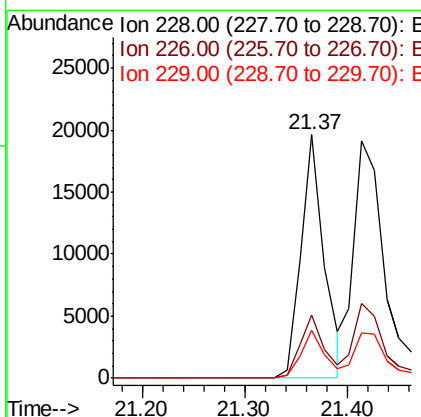
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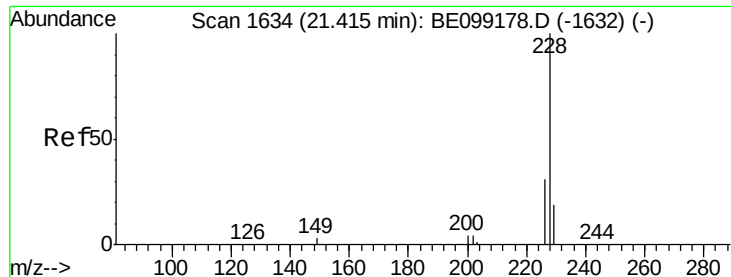
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#30
 Benzo(a)anthracene
 Concen: 0.274 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099249.D
 Acq: 29 Mar 2019 11:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.7	32.5
229	19.7	15.9	23.9





#31

Chrysene

Concen: 0.305 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

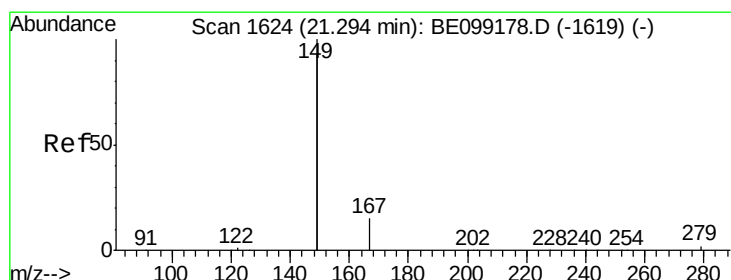
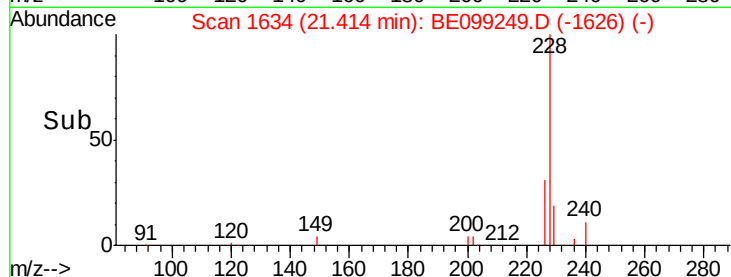
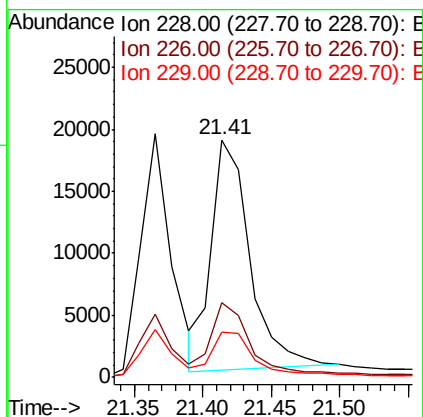
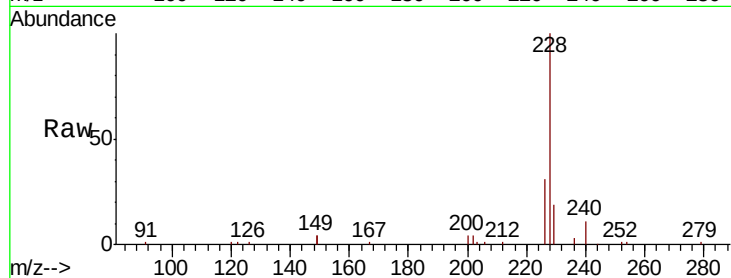
ClientSampled :

PB118350BS

Tgt Ion:	228	Resp:	36472
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.8	37.2
229	19.0	15.4	23.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.237 ng

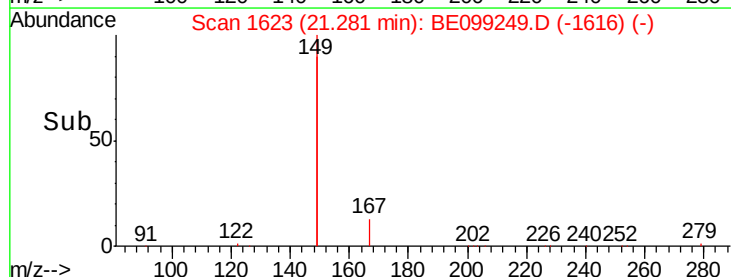
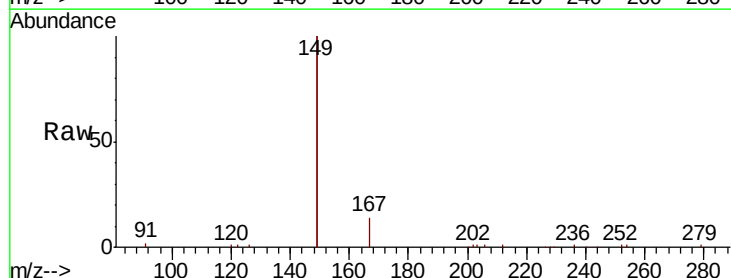
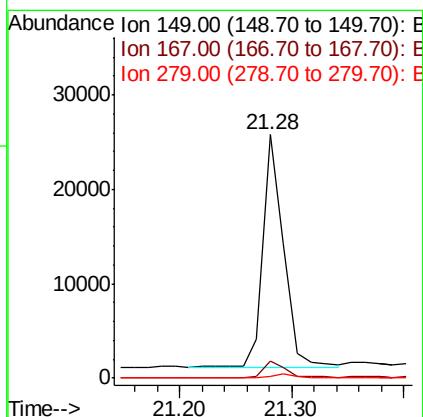
RT: 21.28 min Scan# 1623

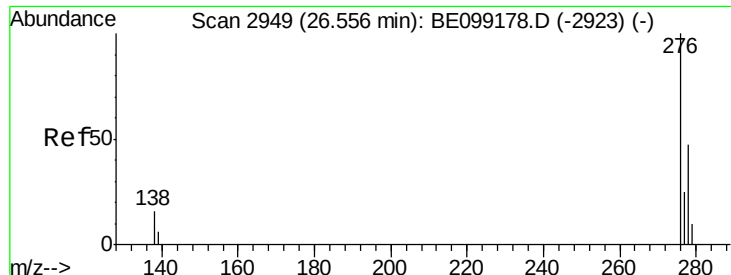
Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Tgt Ion:	149	Resp:	31585
Ion Ratio	Lower	Upper	
149	100		
167	7.0	5.9	8.9
279	1.3	1.0	1.6





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.157 ng m

RT: 26.55 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

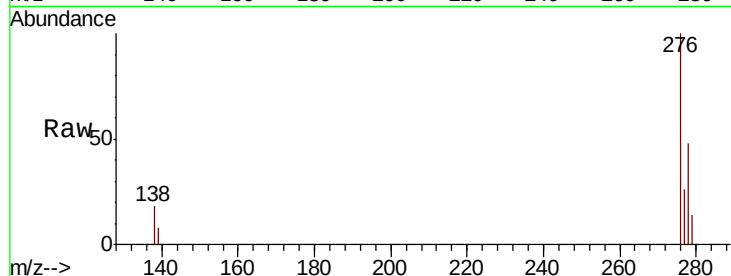
ClientSampleId :

PB118350BS

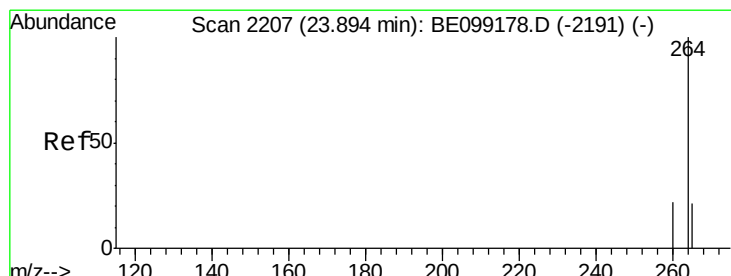
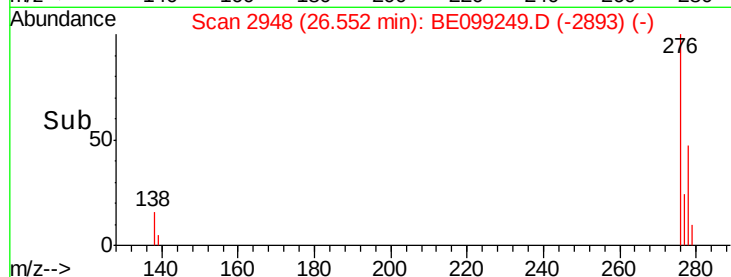
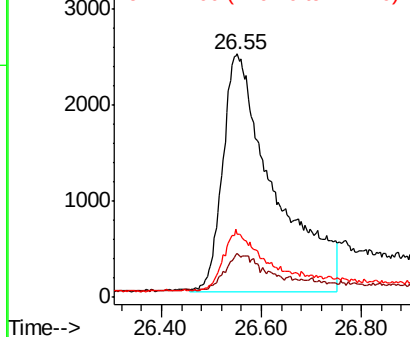
Tgt Ion:	276	Resp:	17718
Ion Ratio	Lower	Upper	
276	100		
138	4.9	12.9	19.3#
277	19.5	18.3	27.5

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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: 23.89 min Scan# 2207

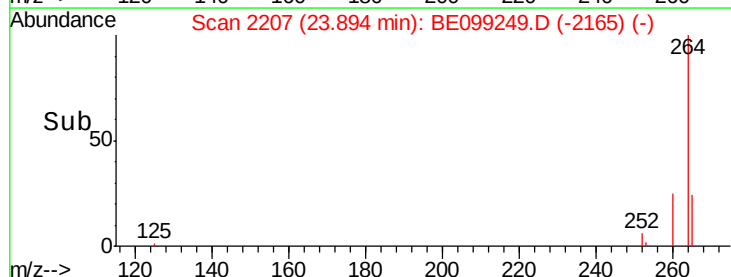
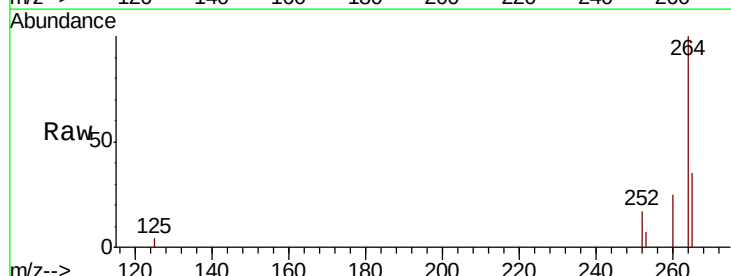
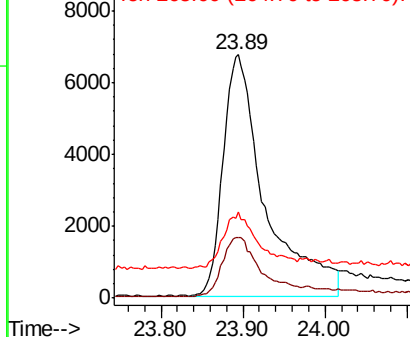
Delta R.T. 0.00 min

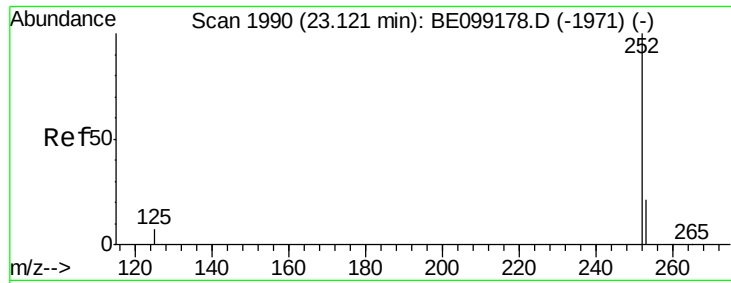
Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Tgt Ion:	264	Resp:	23965
Ion Ratio	Lower	Upper	
264	100		
260	25.1	18.2	27.2
265	35.5	21.8	32.8#

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: 0.265 ng m

RT: 23.12 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

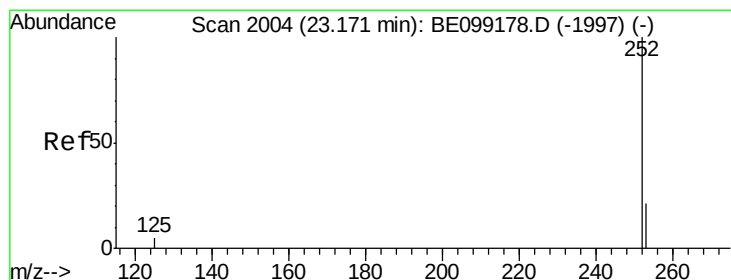
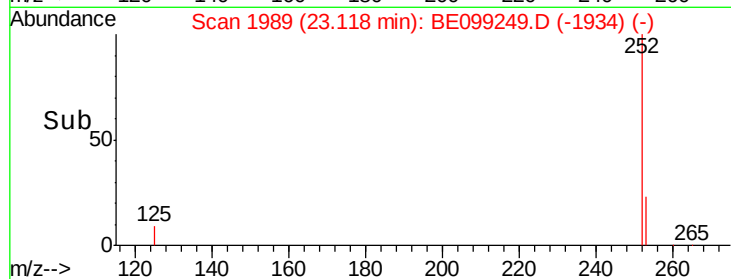
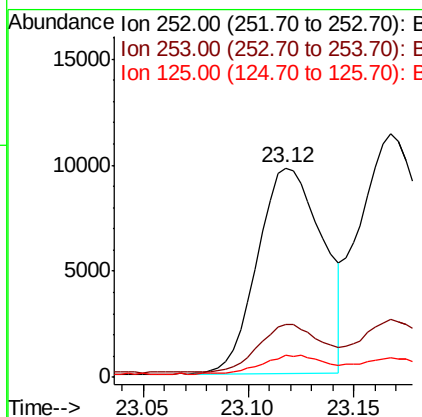
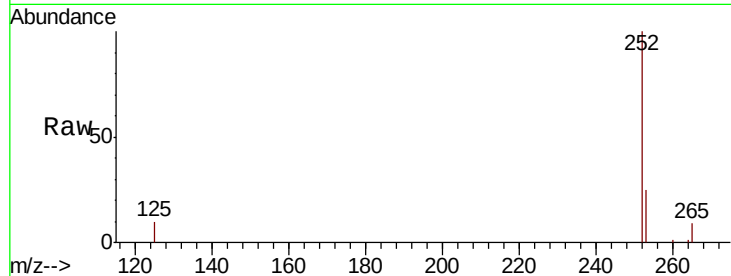
ClientSampleId :

PB118350BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.8
125	10.3	6.1	9.1

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#36

Benzo(k)fluoranthene

Concen: 0.395 ng

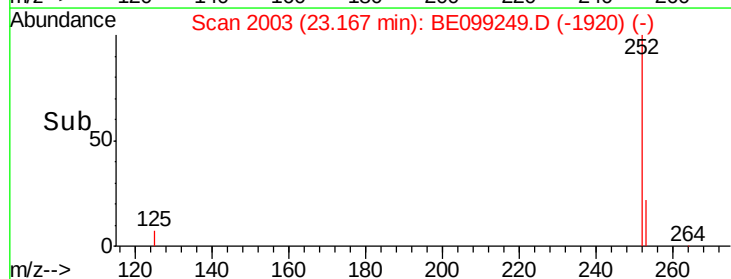
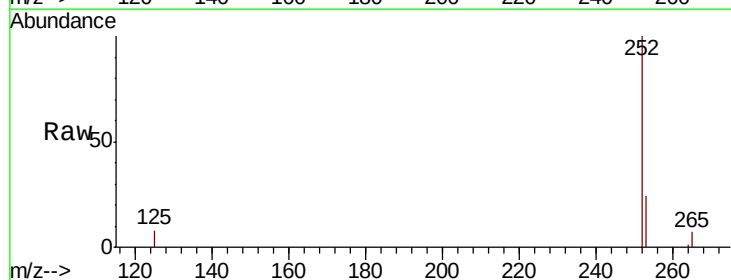
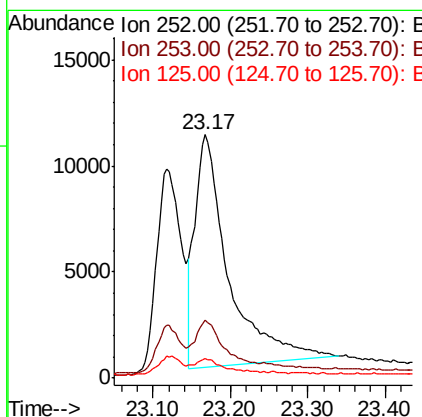
RT: 23.17 min Scan# 2003

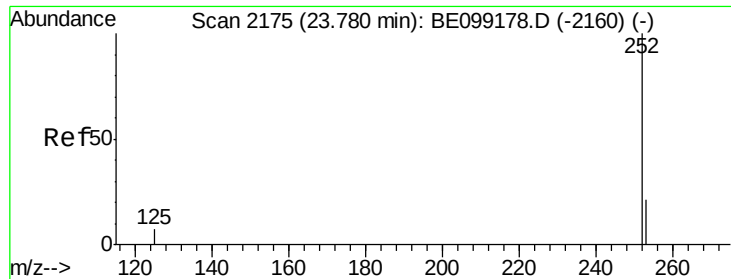
Delta R.T. -0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	8.3	5.9	8.9





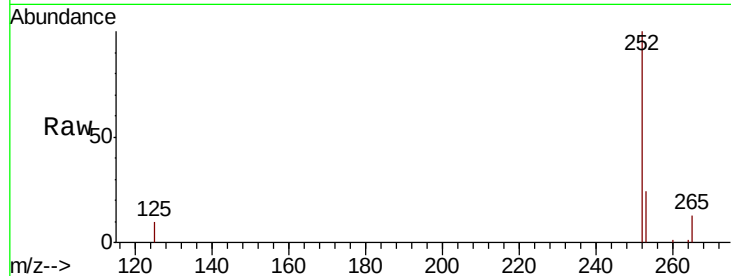
#37
Benzo(a)pyrene
Concen: 0.319 ng
RT: 23.78 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BE099249.D
Acq: 29 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
PB118350BS

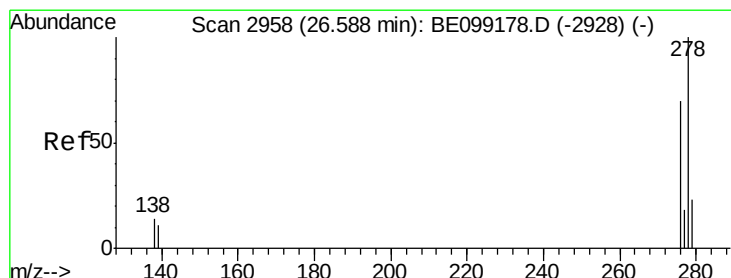
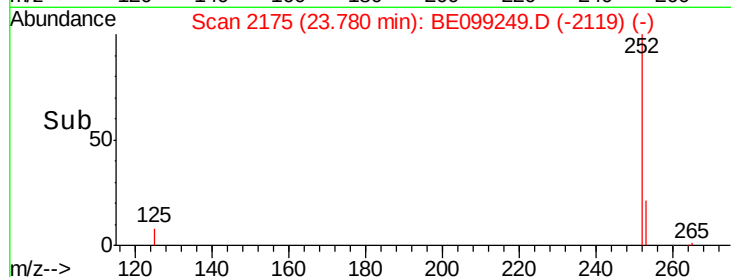
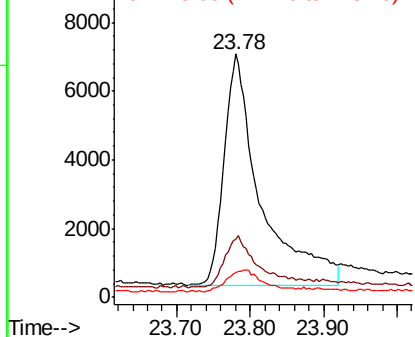
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	10.0	6.8	10.2

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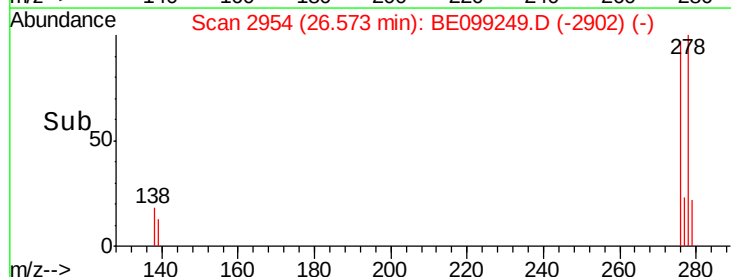
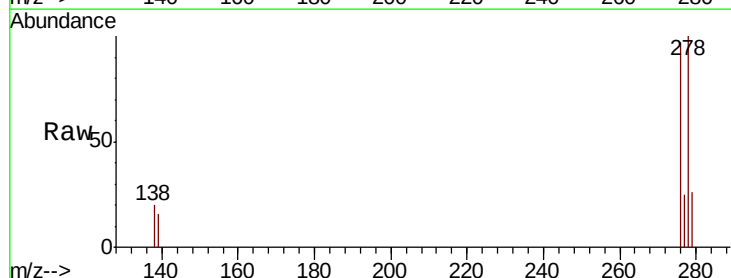
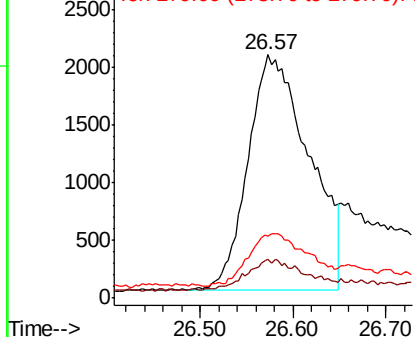
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

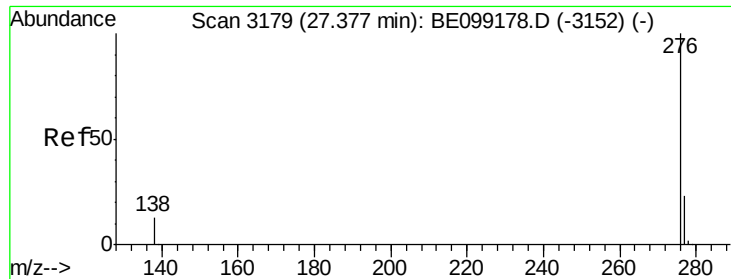


#38
Dibenzo(a,h)anthracene
Concen: 0.142 ng
RT: 26.57 min Scan# 2954
Delta R.T. -0.02 min
Lab File: BE099249.D
Acq: 29 Mar 2019 11:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	9.5	14.3#
279	25.6	19.1	28.7

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(g,h,i)perylene

Concen: 0.194 ng

RT: 27.37 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BE099249.D

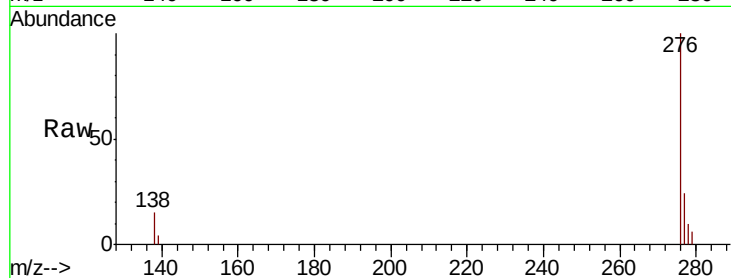
Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS



Tgt Ion:	276	Resp:	12726
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.0	28.4
138	15.3	11.1	16.7

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