

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
 Data File : BE099354.D
 Acq On : 25 Apr 2019 10:49
 Operator : JU/SJ
 Sample : PB119195BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119195BS

Manual Integrations
 APPROVED

Sohil
 4/29/2019 2:29:25 AM

Quant Time: Apr 26 01:21:26 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 19 06:51:38 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3491	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	11928	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6977	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	17942	0.40	ng	0.00
27) Chrysene-d12	21.36	240	22584	0.40	ng	0.00
34) Perylene-d12	23.86	264	25808	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	3240	0.38	ng	0.01
5) Phenol-d6	6.98	99	4427	0.36	ng	0.00
8) Nitrobenzene-d5	8.96	82	3337	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	7235m	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	711	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	11268	0.41	ng	0.00
25) Fluoranthene-d10	19.22	212	85164	0.40	ng	0.00
29) Terphenyl-d14	19.82	244	15458	0.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	1102	0.225	ng	# 45
3) n-Nitrosodimethylamine	3.66	42	502	0.191	ng	# 88
6) bis(2-Chloroethyl)ether	7.24	93	2619	0.231	ng	97
9) Naphthalene	10.65	128	31518	0.242	ng	100
10) Hexachlorobutadiene	10.94	225	1885	0.228	ng	95
12) 2-Methylnaphthalene	12.28	142	5107	0.231	ng	97
16) Acenaphthylene	14.18	152	7079	0.224	ng	100
17) Acenaphthene	14.51	154	4604	0.237	ng	99
18) Fluorene	15.49	166	6459	0.231	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	2406	0.242	ng	97
21) Hexachlorobenzene	16.49	284	2504	0.262	ng	96
22) Pentachlorophenol	16.84	266	1198	0.531	ng	93
23) Phenanthrene	17.23	178	12361	0.260	ng	99
24) Anthracene	17.32	178	10761	0.255	ng	100
26) Fluoranthene	19.25	202	17234	0.271	ng	100
28) Pyrene	19.61	202	17392	0.261	ng	98
30) Benzo(a)anthracene	21.34	228	20667	0.311	ng	99
31) Chrysene	21.40	228	21888	0.310	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	14985	0.248	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	24300	0.348	ng	99
35) Benzo(b)fluoranthene	23.09	252	21308	0.270	ng	95
36) Benzo(k)fluoranthene	23.14	252	22493	0.286	ng	99
37) Benzo(a)pyrene	23.75	252	20370	0.288	ng	# 95
38) Dibenzo(a,h)anthracene	26.53	278	20010	0.277	ng	98
39) Benzo(g,h,i)perylene	27.31	276	21076	0.287	ng	99

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

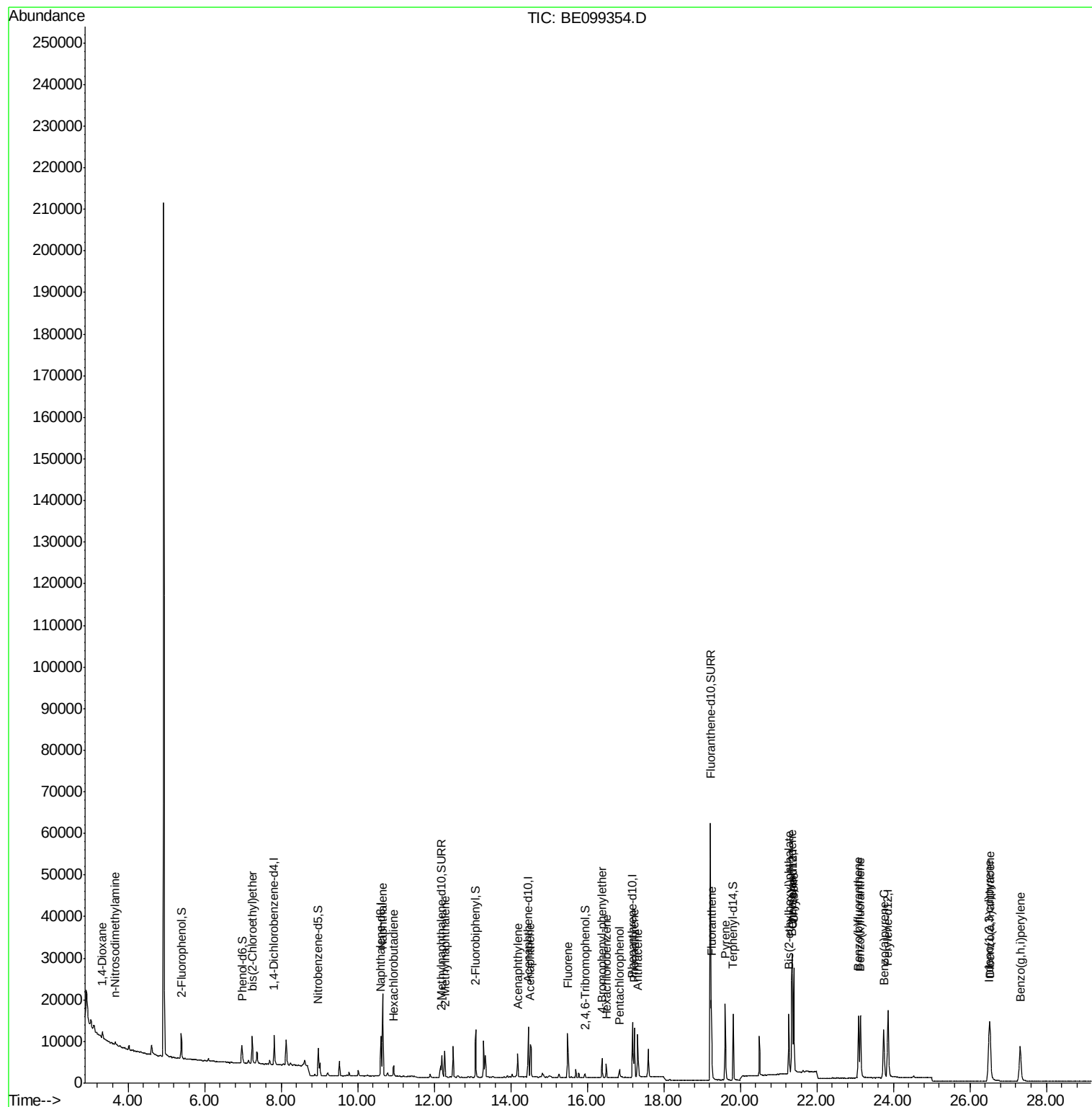
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
Data File : BE099354.D
Acq On : 25 Apr 2019 10:49
Operator : JU/SJ
Sample : PB119195BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

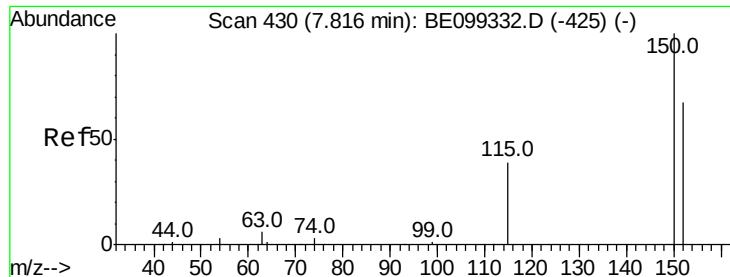
Instrument :
BNA_E
ClientSampleId :
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QLast Update : Fri Apr 19 06:51:38 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

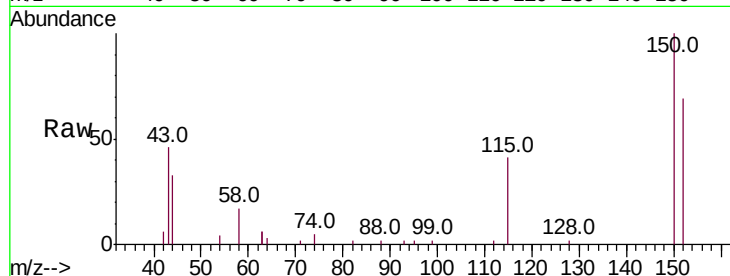
ClientSampleId :

PB119195BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.7	119.5	179.3
115	59.3	47.5	71.3

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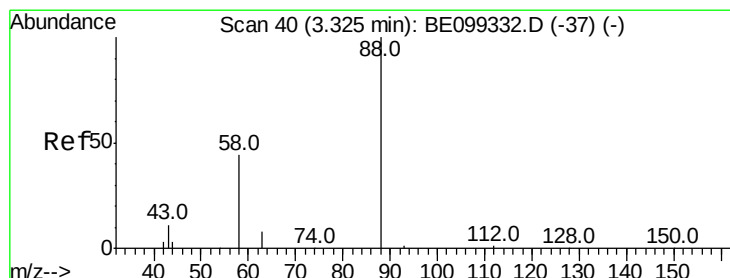
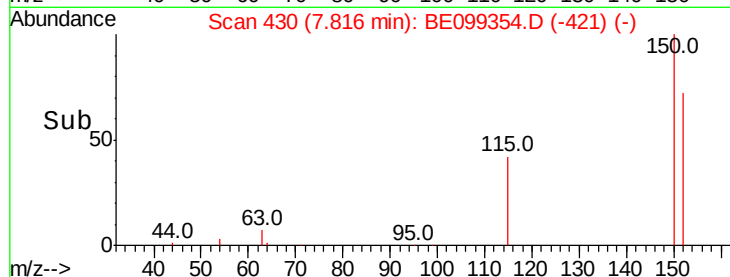
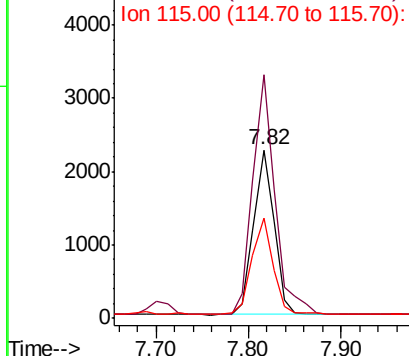


Abundance

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: 0.225 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

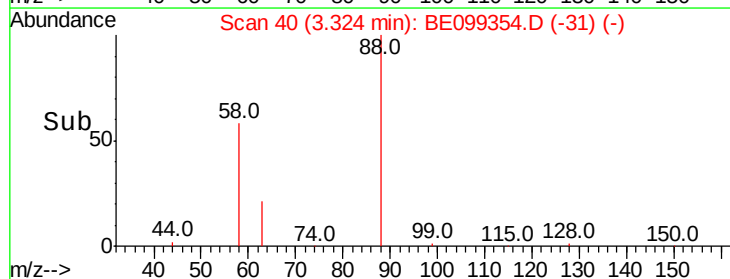
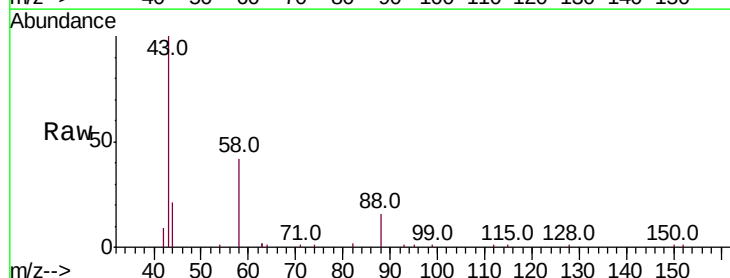
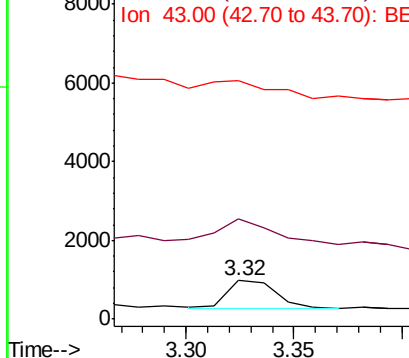
Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.4	49.1	73.7#
43	0.0	17.9	26.9#

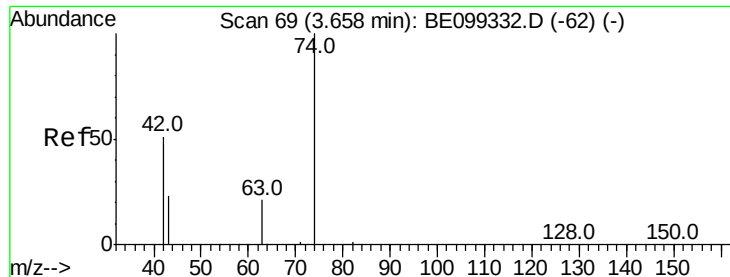
Abundance

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: 0.191 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

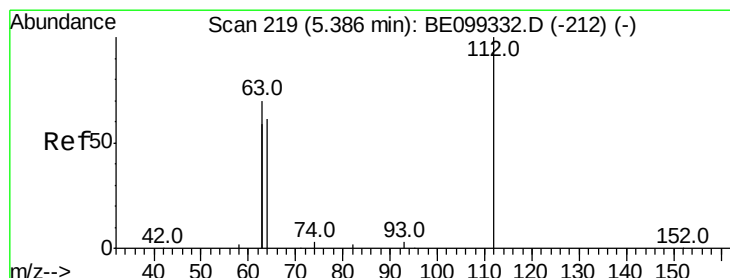
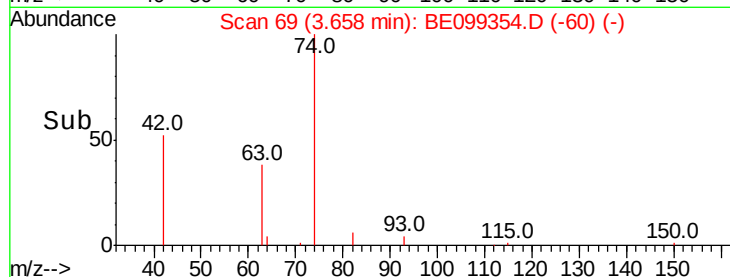
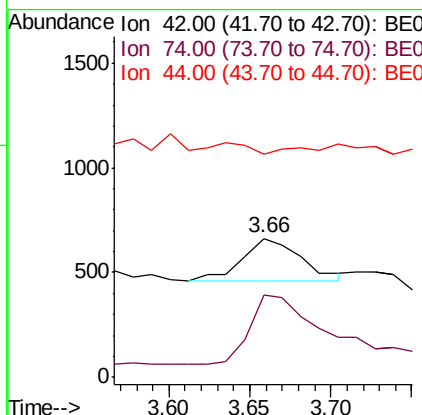
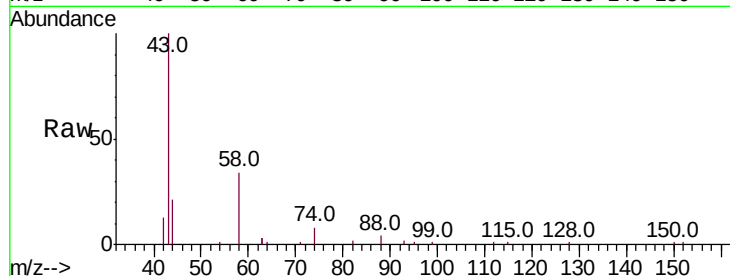
ClientSampled :

PB119195BS

Tot Ion:	42	Resp:	502
Ion	Ratio	Lower	Upper
42	100		
74	197.4	145.8	218.8
44	0.0	9.0	13.4#

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#4

2-Fluorophenol

Concen: 0.380 ng

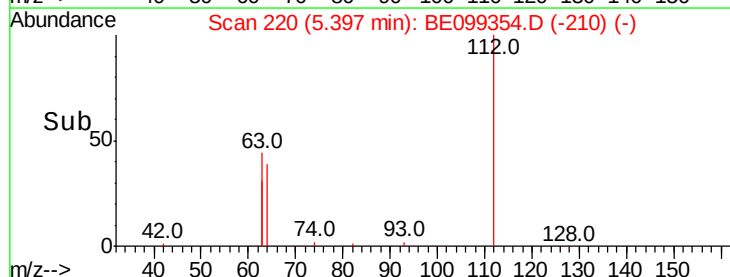
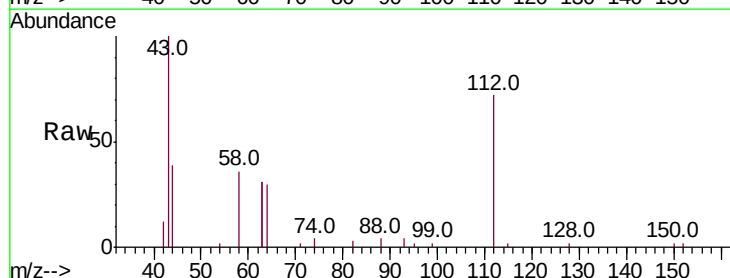
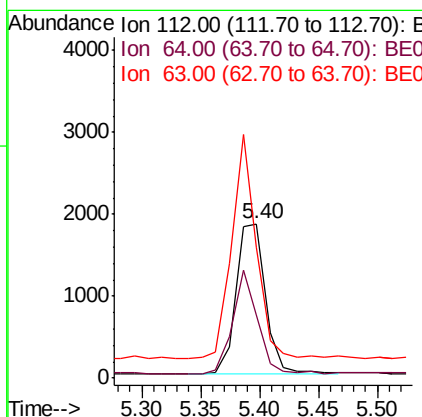
RT: 5.40 min Scan# 220

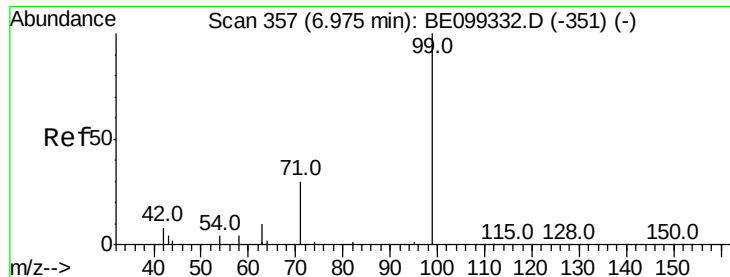
Delta R.T. 0.01 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Tgt Ion:	112	Resp:	3240
Ion	Ratio	Lower	Upper
112	100		
64	57.6	44.9	67.3
63	124.9	97.4	146.0





#5

Phenol-d6

Concen: 0.364 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

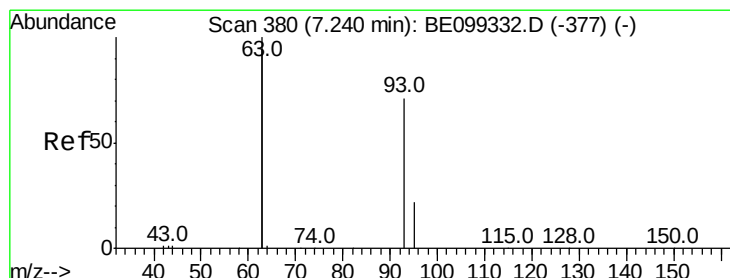
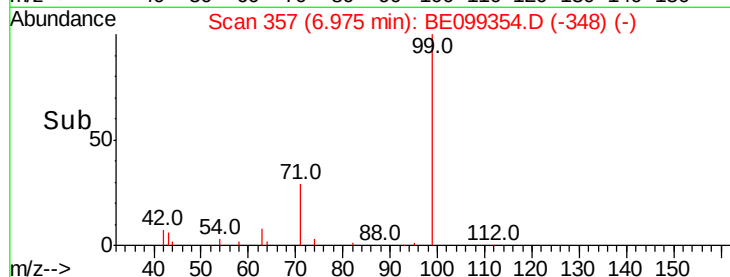
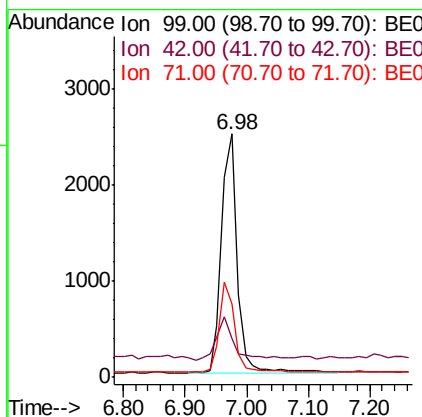
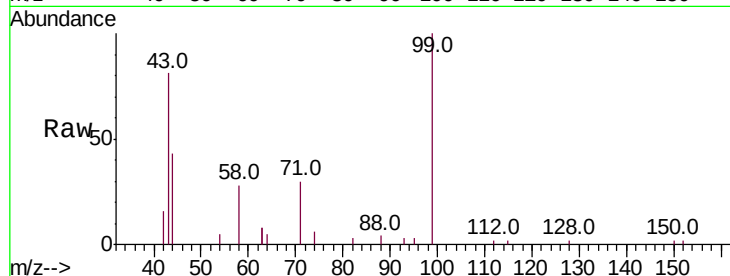
ClientSampleId :

PB119195BS

Tot Ion:	99	Resp:	4427
Ion	Ratio	Lower	Upper
99	100		
42	19.7	11.7	17.5#
71	35.2	29.6	44.4

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#6

bis(2-Chloroethyl)ether

Concen: 0.231 ng

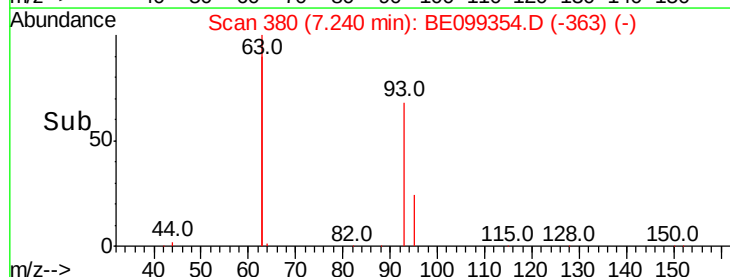
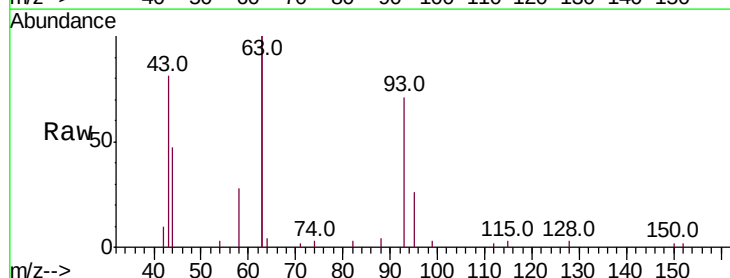
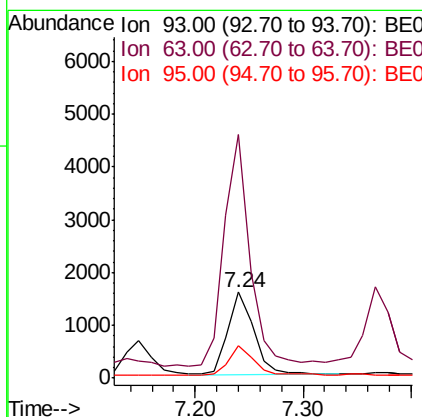
RT: 7.24 min Scan# 380

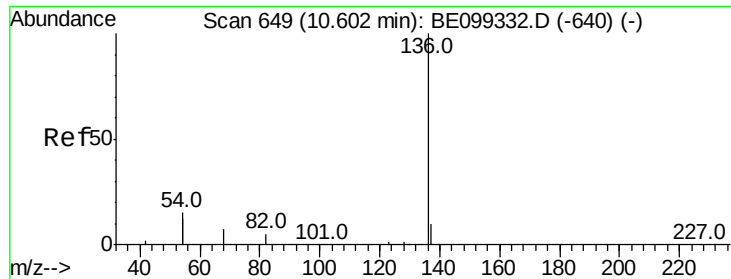
Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Tgt Ion:	93	Resp:	2619
Ion	Ratio	Lower	Upper
93	100		
63	276.9	216.6	324.8
95	34.7	25.8	38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

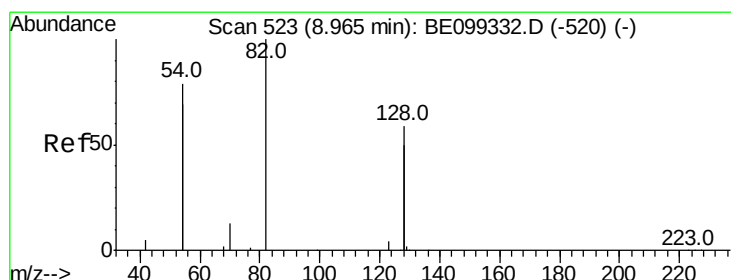
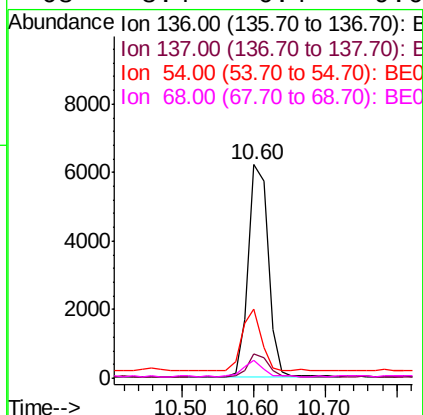
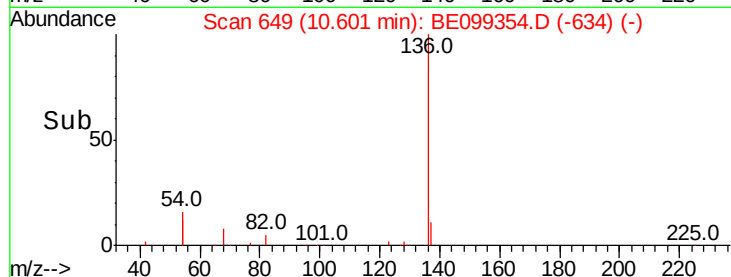
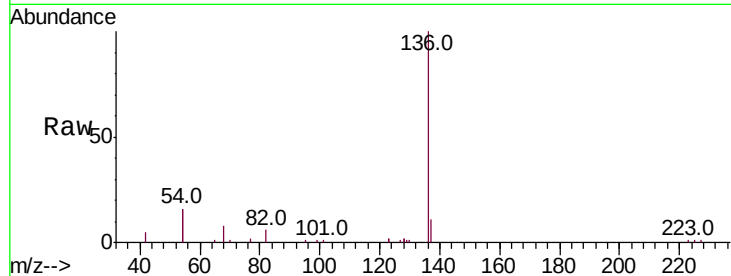
ClientSampleId :

PB119195BS

Tot Ion:	136	Resp:	11928
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.7	13.1
54	32.2	23.8	35.8
68	8.4	6.4	9.6

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.360 ng

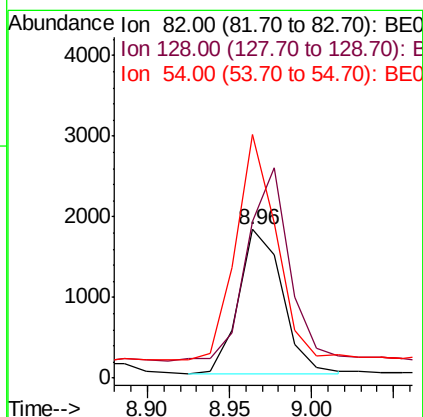
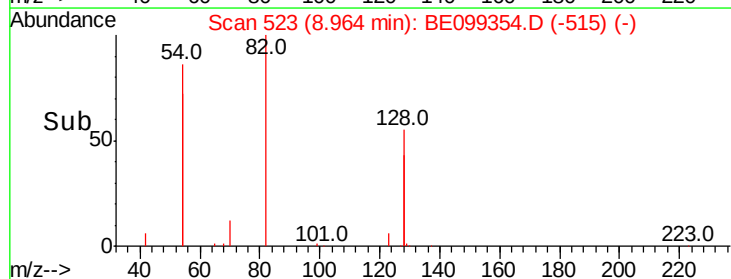
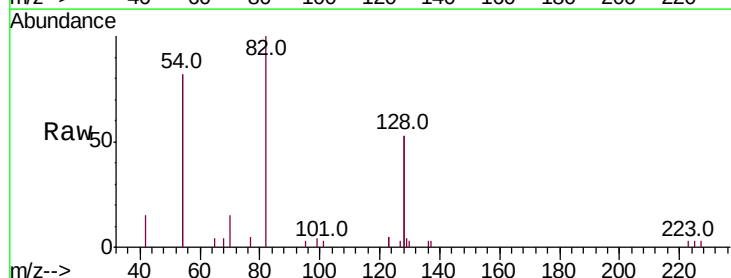
RT: 8.96 min Scan# 523

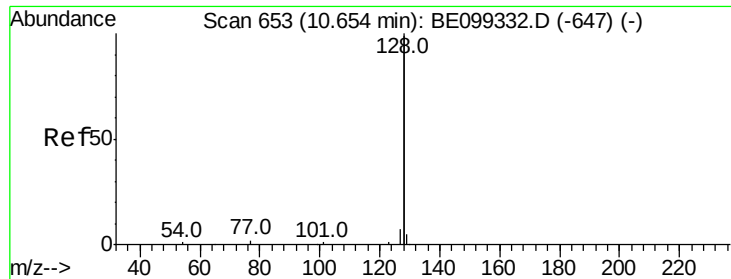
Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Tgt Ion:	82	Resp:	3337
Ion Ratio	Lower	Upper	
82	100		
128	105.7	91.7	137.5
54	164.0	122.8	184.2





#9

Naphthalene

Concen: 0.242 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

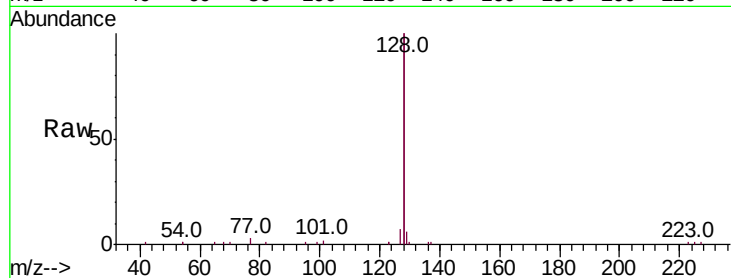
ClientSampleId :

PB119195BS

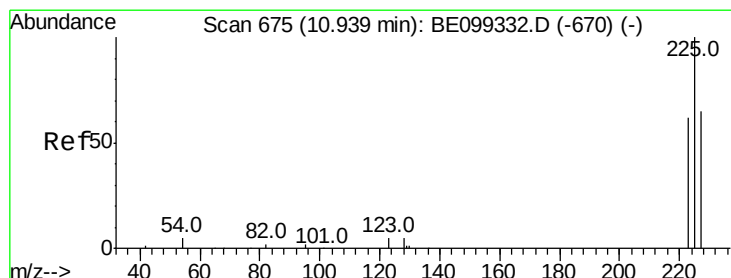
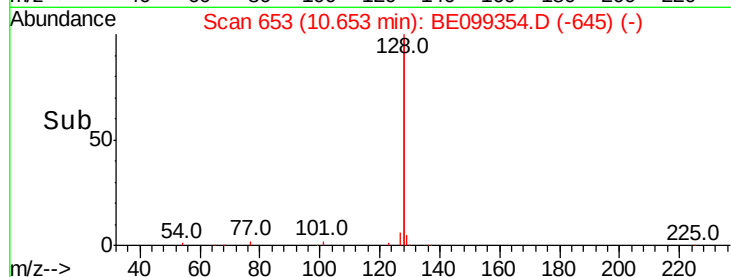
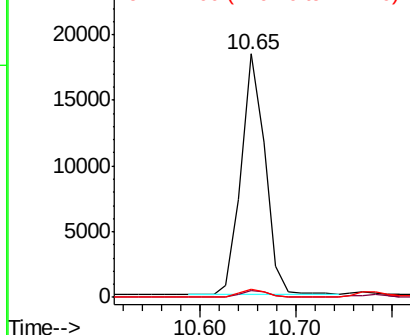
Tot Ion:	128	Resp:	31518
Ion Ratio	Lower	Upper	
128	100		
129	2.8	2.3	3.5
127	3.3	2.8	4.2

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Abundance Ion 128.00 (127.70 to 128.70): E
25000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.228 ng

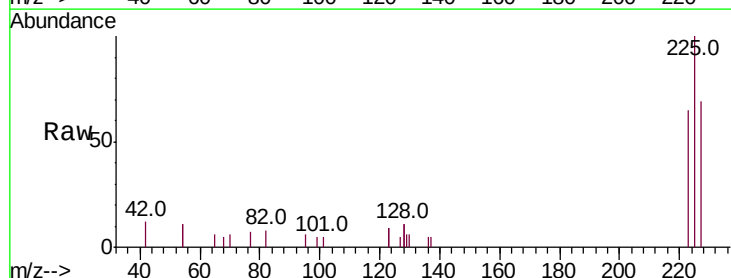
RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

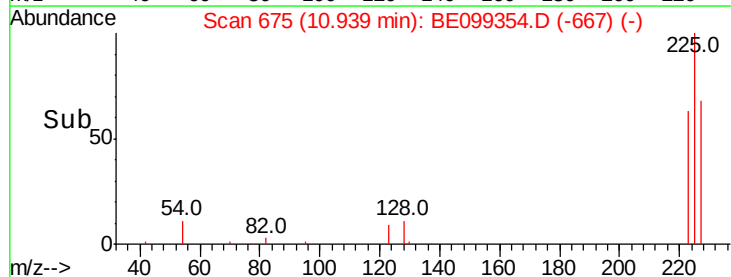
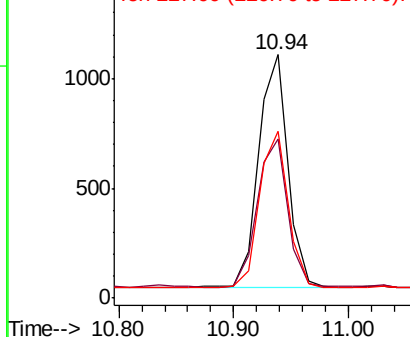
Lab File: BE099354.D

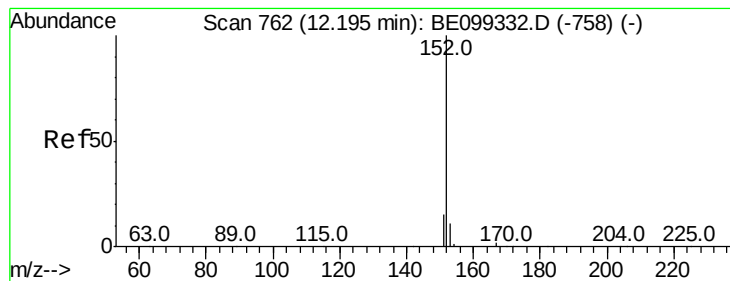
Acq: 25 Apr 2019 10:49

Tgt Ion:	225	Resp:	1885
Ion Ratio	Lower	Upper	
225	100		
223	65.9	50.3	75.5
227	65.7	49.4	74.0



Abundance Ion 225.00 (224.70 to 225.70): E
1500
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.344 ng m

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

ClientSampleId :

PB119195BS

Tot Ion:152 Resp: 7235

Ion Ratio Lower Upper

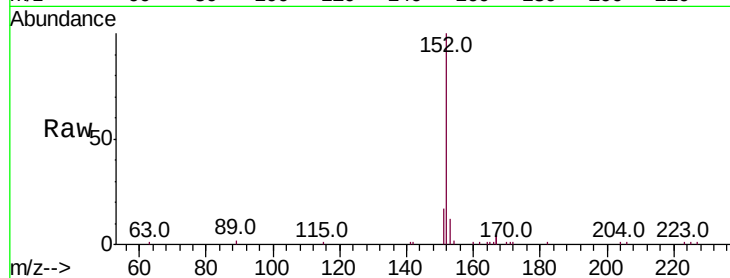
152 100

151 20.6 14.9 22.3

Manual Integrations
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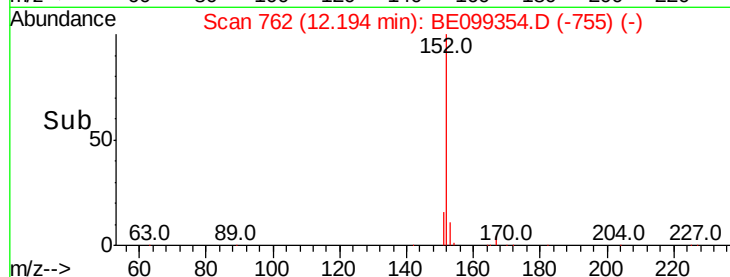
4/29/2019 2:29:25 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.19



4000

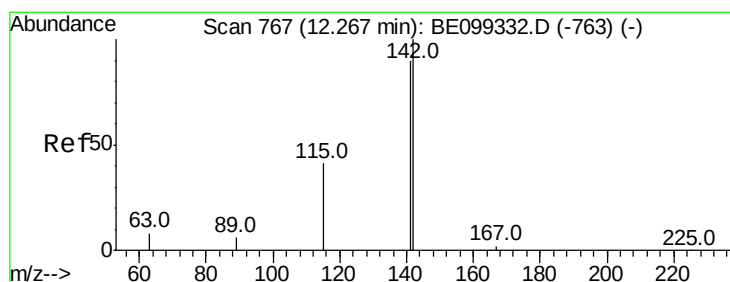
3000

2000

1000

0

Time--> 12.15 12.20 12.25



#12

2-Methylnaphthalene

Concen: 0.231 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

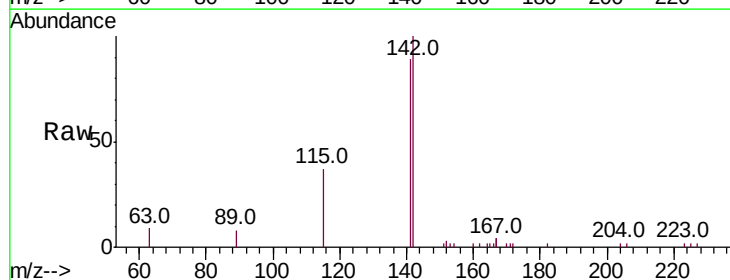
Tgt Ion:142 Resp: 5107

Ion Ratio Lower Upper

142 100

141 89.4 72.0 108.0

115 36.8 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

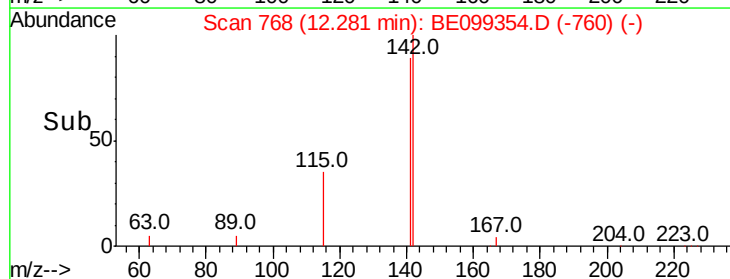
3000

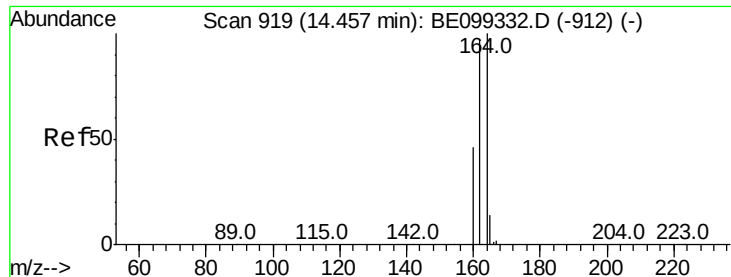
2000

1000

0

Time--> 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

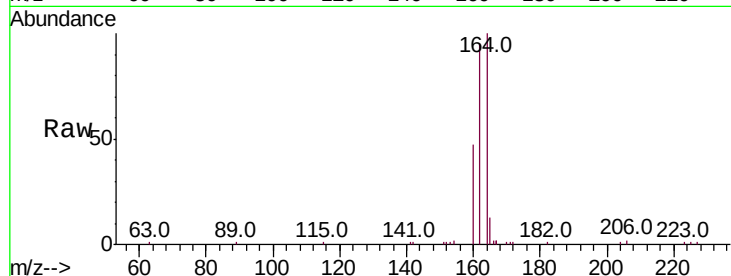
ClientSampleId :

PB119195BS

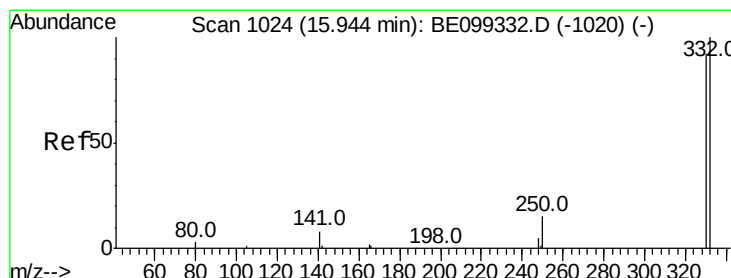
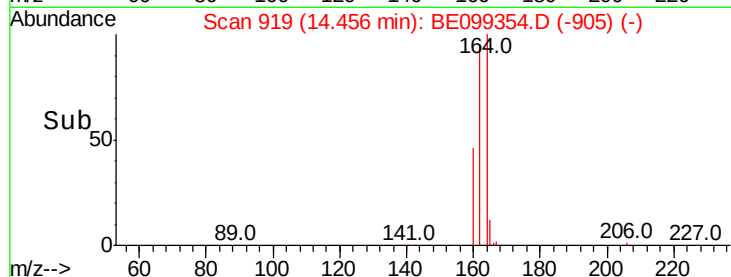
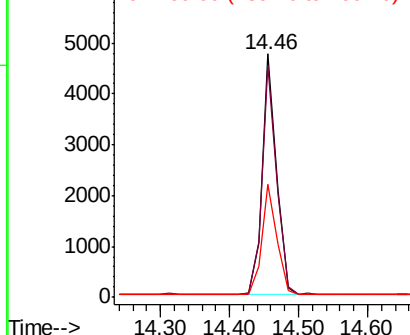
Tot Ion:	164	Resp:	6977
Ion	Ratio	Lower	Upper
164	100		
162	95.3	77.8	116.6
160	46.6	37.1	55.7

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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: 0.307 ng

RT: 15.94 min Scan# 1024

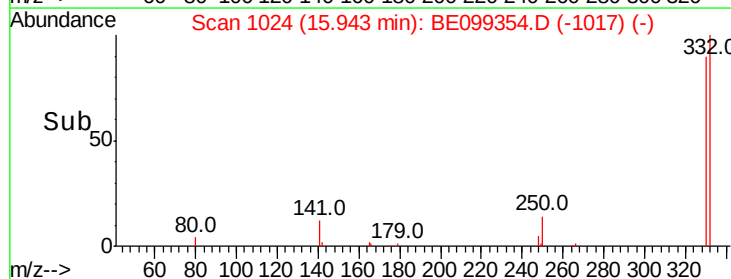
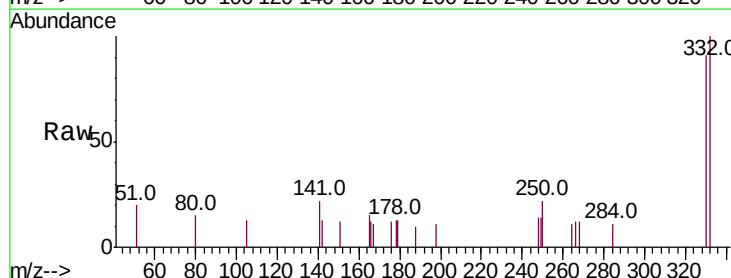
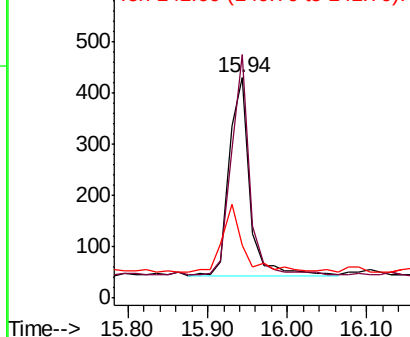
Delta R.T. 0.00 min

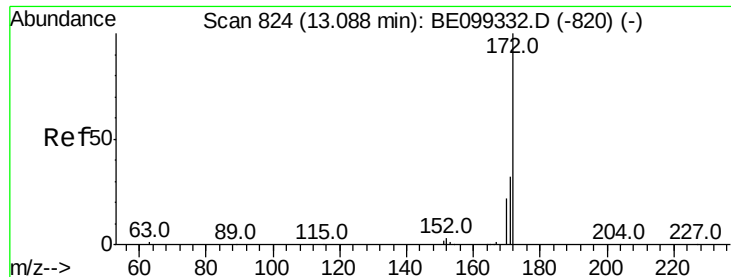
Lab File: BE099354.D

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Tgt Ion:	330	Resp:	711
Ion	Ratio	Lower	Upper
330	100		
332	96.8	82.5	123.7
141	36.0	24.9	37.3

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





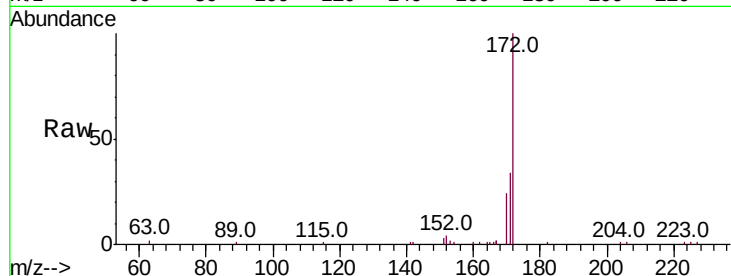
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099354.D
Acq: 25 Apr 2019 10:49

Instrument :
BNA_E
ClientSampleId :
PB119195BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.2	39.2
170	23.6	18.1	27.1

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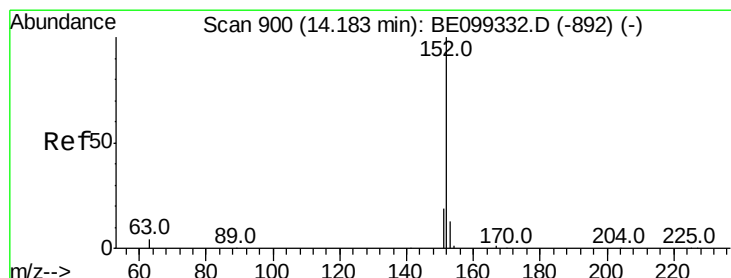
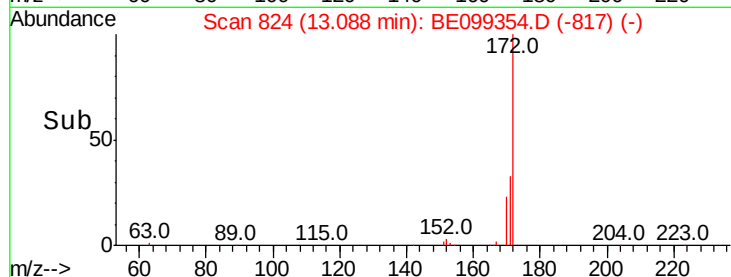
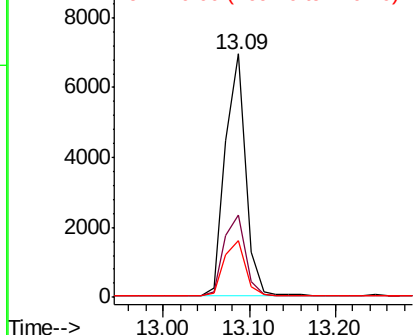


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.224 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099354.D
Acq: 25 Apr 2019 10:49

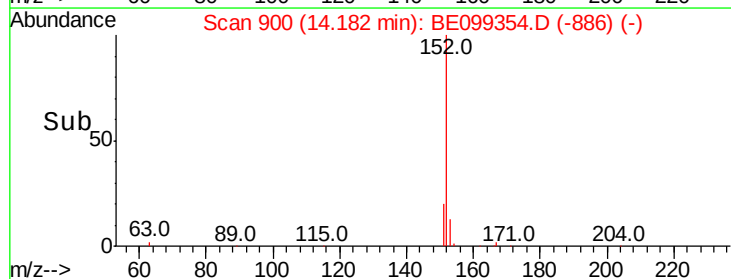
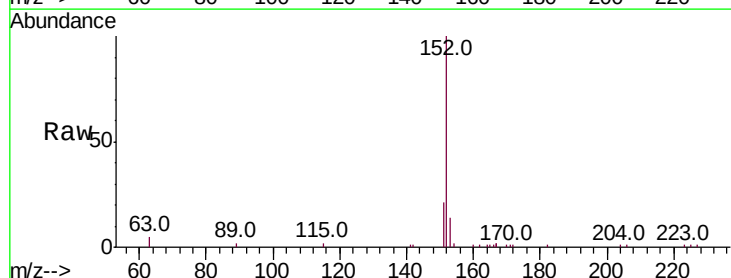
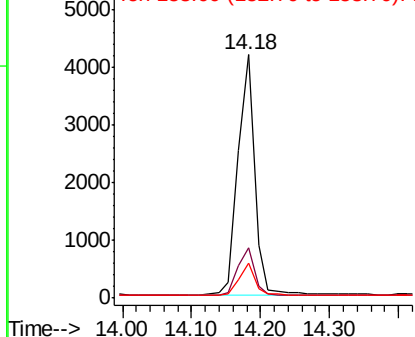
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.5	10.2	15.4

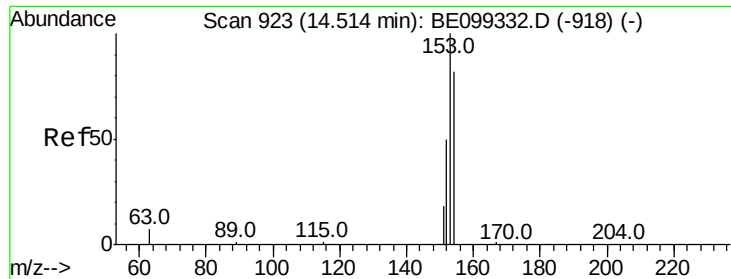
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





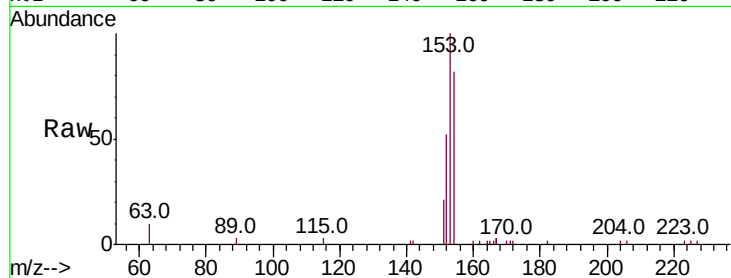
#17
Acenaphthene
Concen: 0.237 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099354.D
Acq: 25 Apr 2019 10:49

Instrument :
BNA_E
ClientSampleId :
PB119195BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	117.4	94.7	142.1
152	58.5	46.4	69.6

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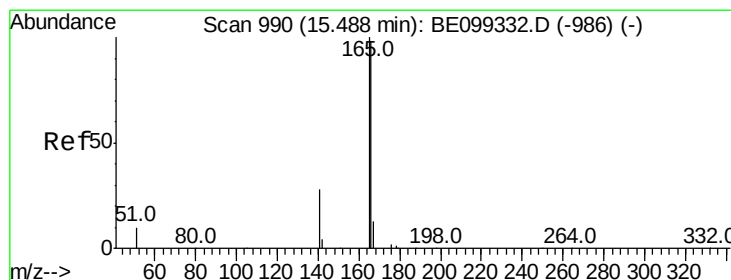
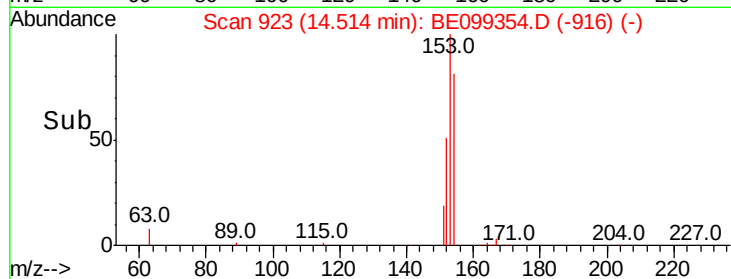
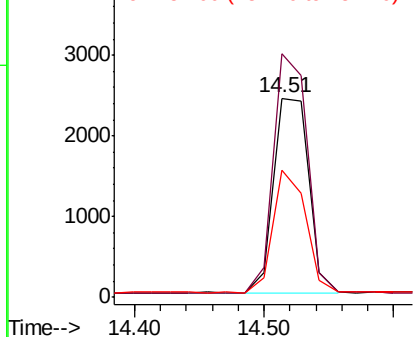


Abundance

Ion 154.00 (153.70 to 154.70): E

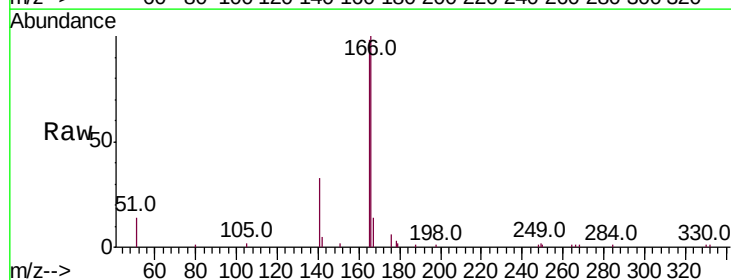
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.231 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099354.D
Acq: 25 Apr 2019 10:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.7	119.5
167	13.9	11.0	16.4

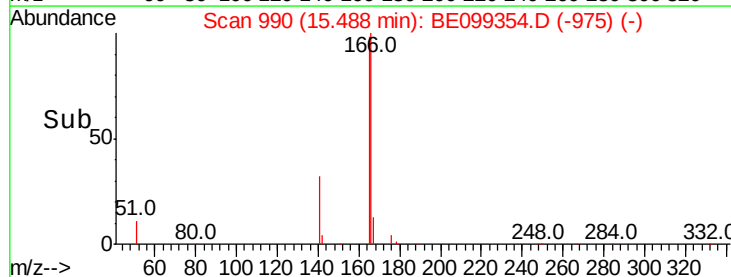
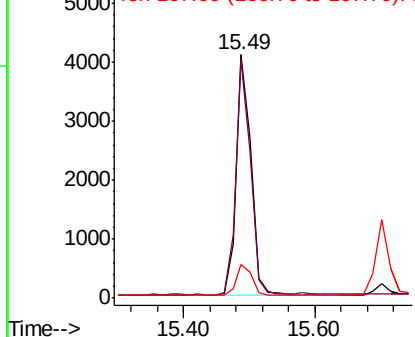


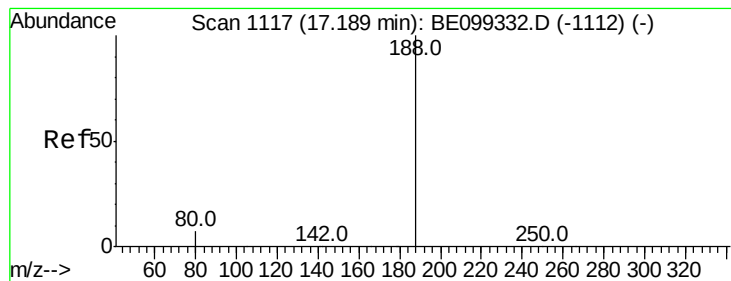
Abundance

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: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

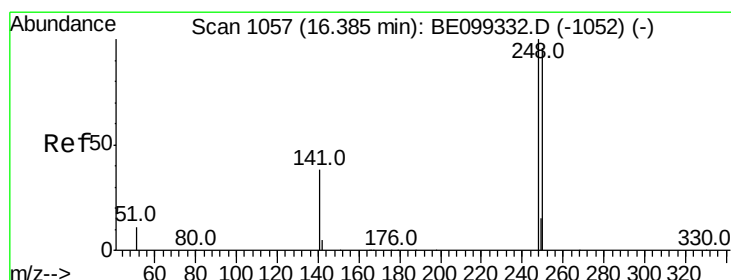
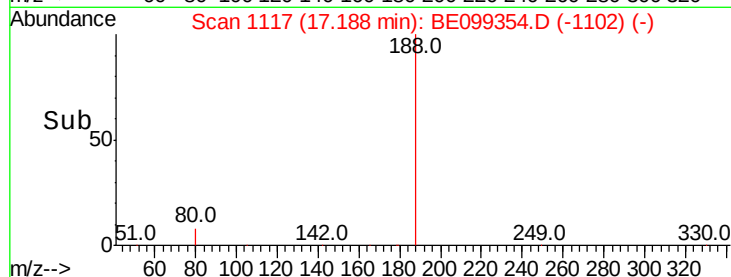
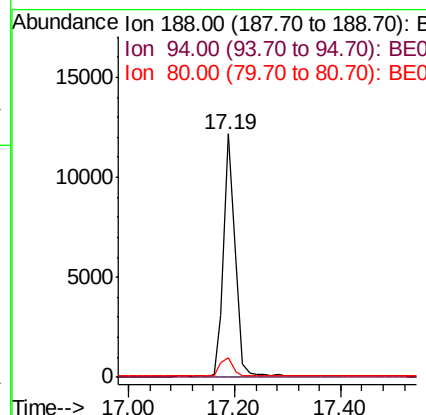
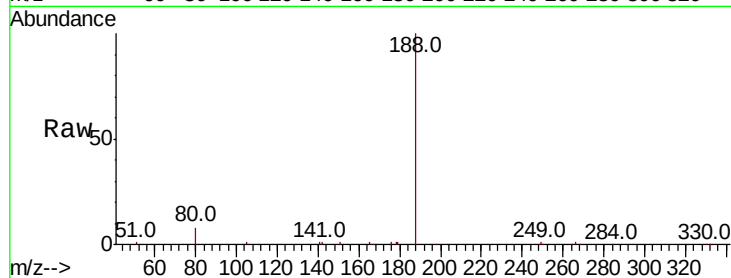
ClientSampleId :

PB119195BS

Tot Ion:	188	Resp:	17942
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.3	6.2	9.4

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#20

4-Bromophenyl-phenylether

Concen: 0.242 ng

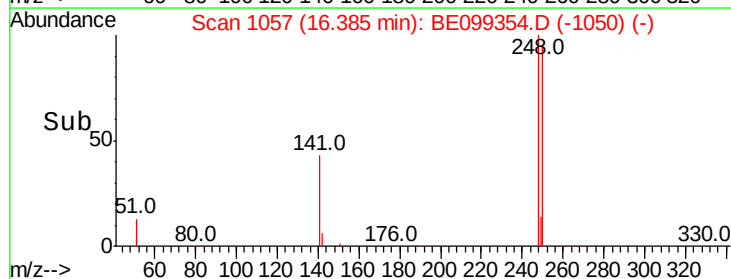
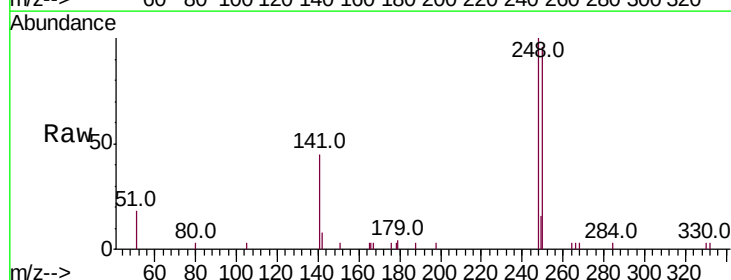
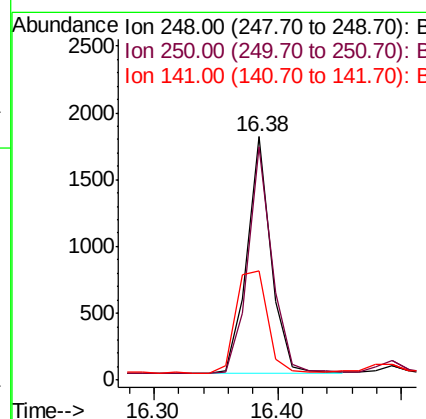
RT: 16.38 min Scan# 1057

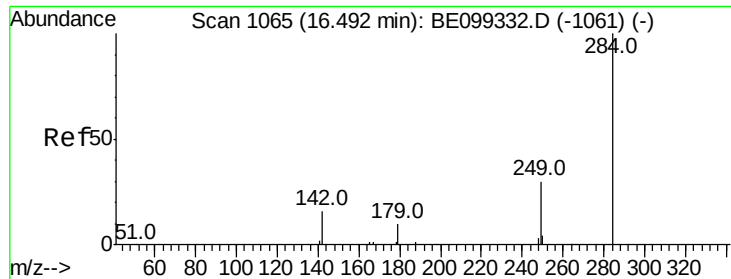
Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Tgt Ion:	248	Resp:	2406
Ion Ratio	Lower	Upper	
248	100		
250	95.6	77.0	115.6
141	44.9	31.1	46.7





#21

Hexachlorobenzene

Concen: 0.262 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

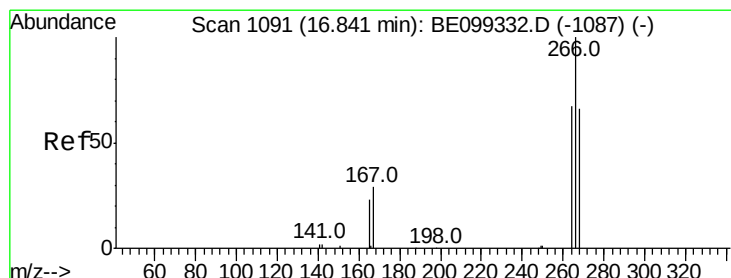
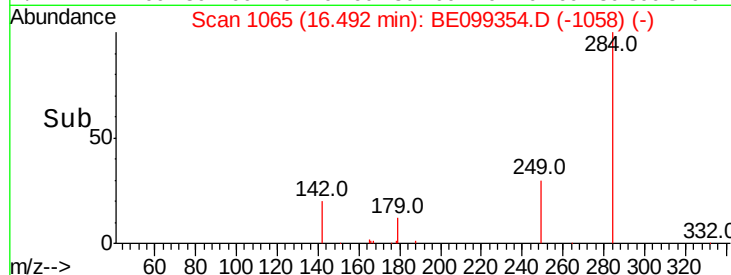
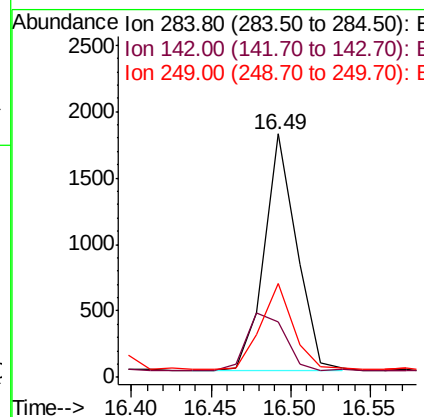
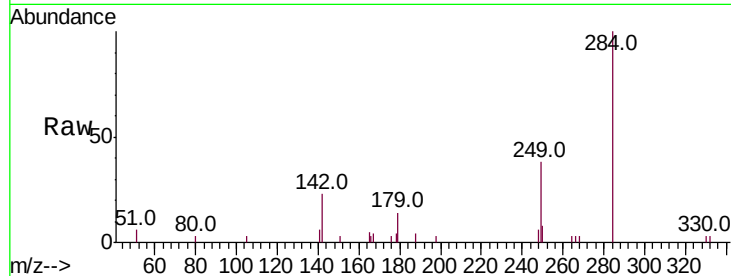
ClientSampleId :

PB119195BS

Tot Ion:	284	Resp:	2504
Ion Ratio	Lower	Upper	
284	100		
142	29.2	21.8	32.6
249	34.9	26.2	39.4

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#22

Pentachlorophenol

Concen: 0.531 ng

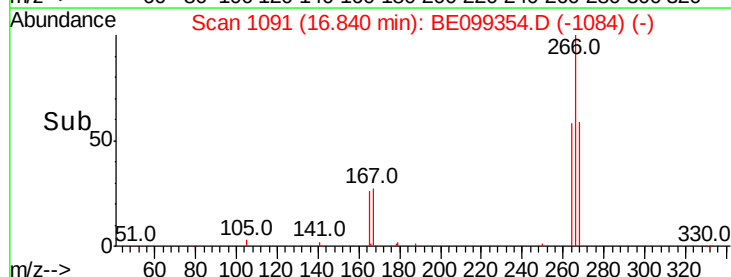
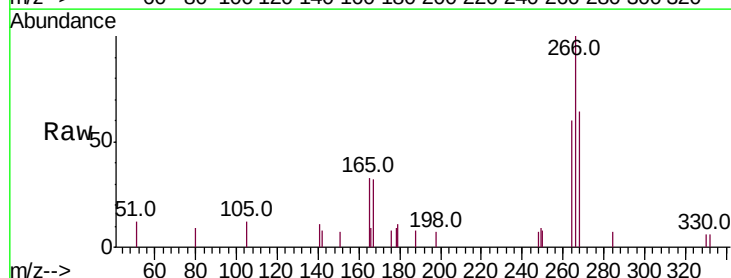
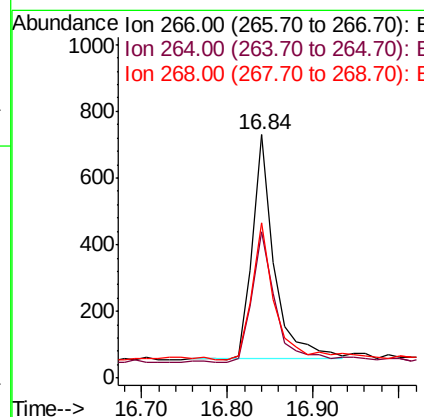
RT: 16.84 min Scan# 1091

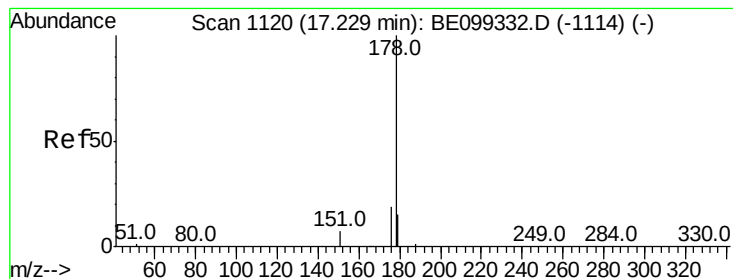
Delta R.T. 0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Tgt Ion:	266	Resp:	1198
Ion Ratio	Lower	Upper	
266	100		
264	60.1	54.5	81.7
268	63.8	54.3	81.5





#23

Phenanthrene

Concen: 0.260 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

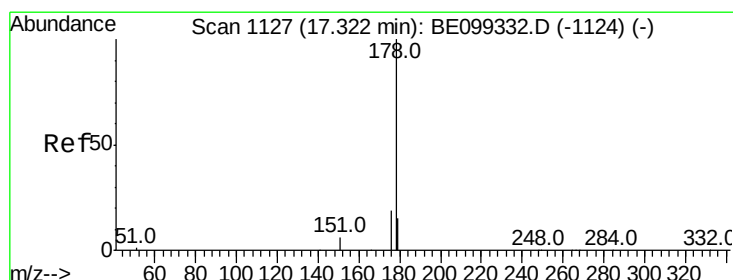
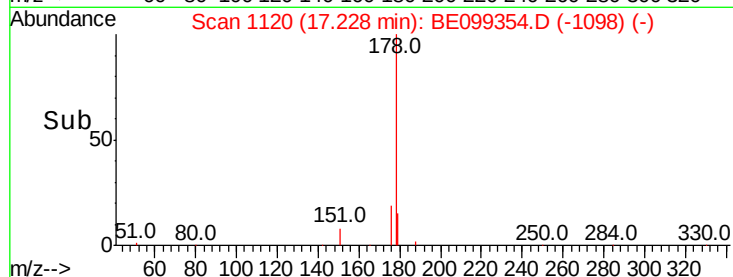
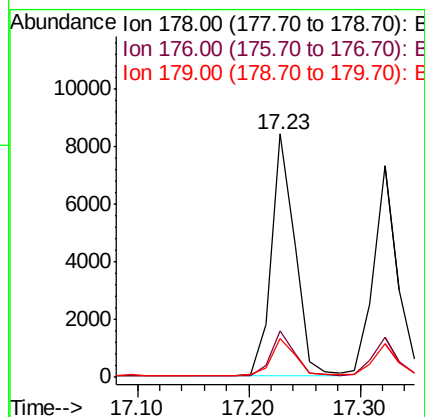
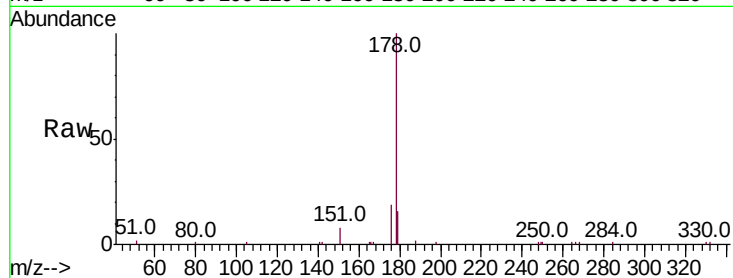
ClientSampleId :

PB119195BS

Tot Ion:	178	Resp:	12361
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.3	22.9
179	15.8	12.4	18.6

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#24

Anthracene

Concen: 0.255 ng

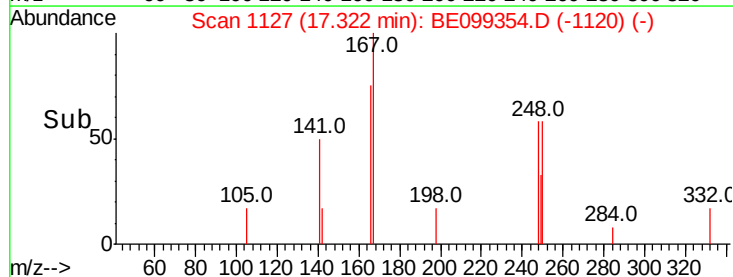
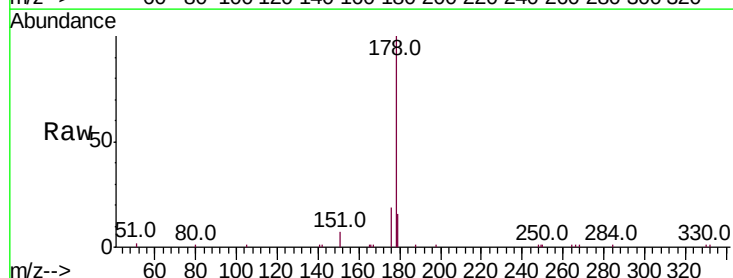
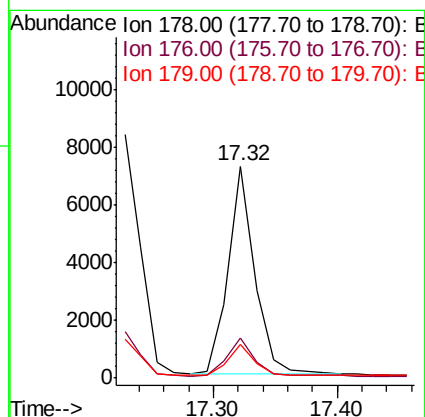
RT: 17.32 min Scan# 1127

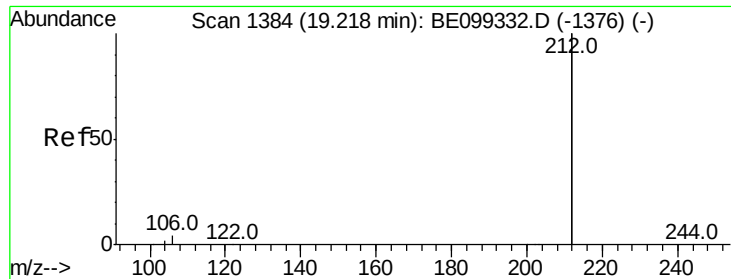
Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Tgt Ion:	178	Resp:	10761
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.1	22.7
179	15.0	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.395 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

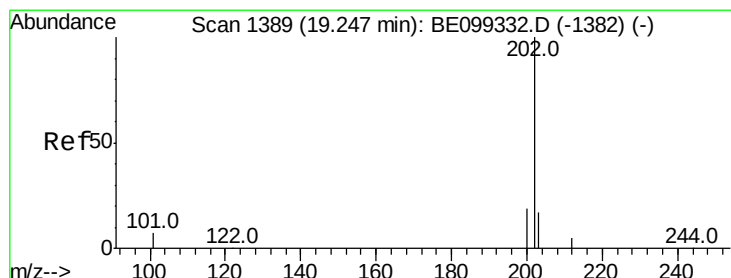
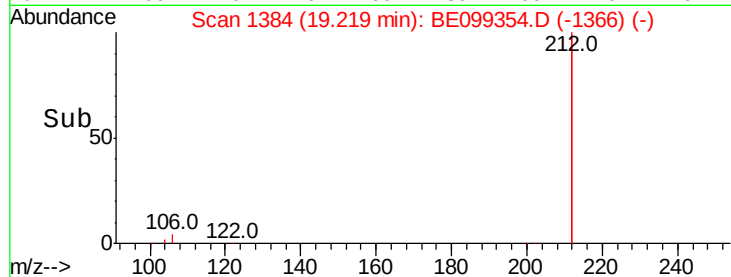
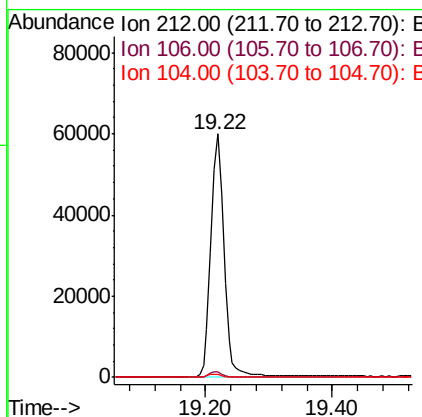
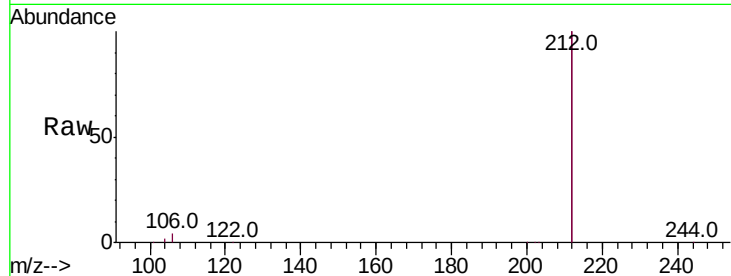
ClientSampleId :

PB119195BS

Tot Ion:	212	Resp:	85164
Ion Ratio	Lower	Upper	
212	100		
106	2.1	1.8	2.6
104	1.3	1.0	1.4

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#26

Fluoranthene

Concen: 0.271 ng

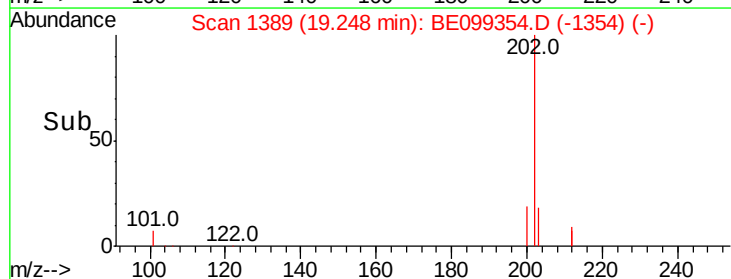
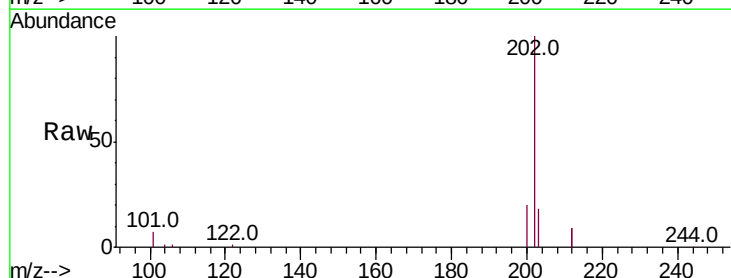
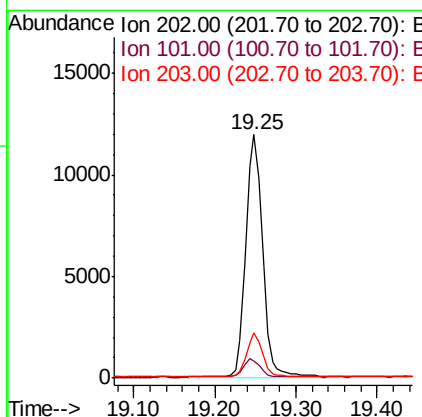
RT: 19.25 min Scan# 1389

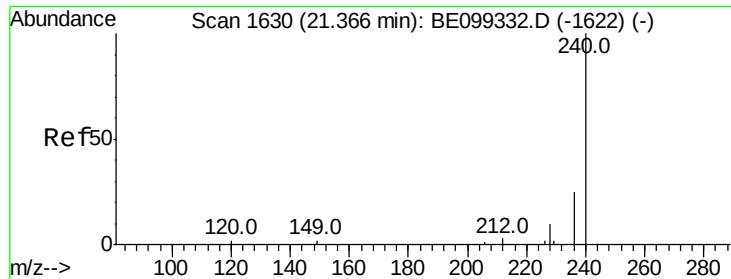
Delta R.T. 0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Tgt Ion:	202	Resp:	17234
Ion Ratio	Lower	Upper	
202	100		
101	7.6	6.4	9.6
203	16.8	13.5	20.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.36 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

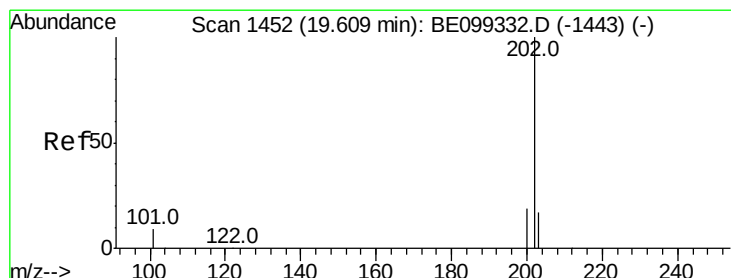
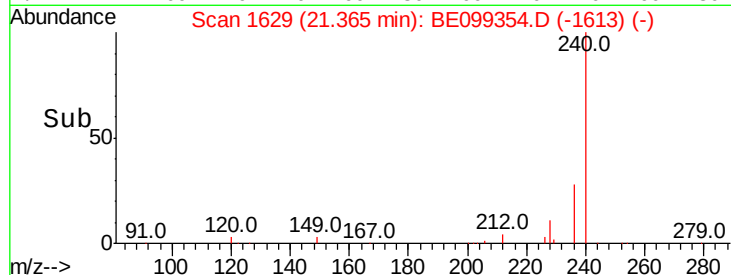
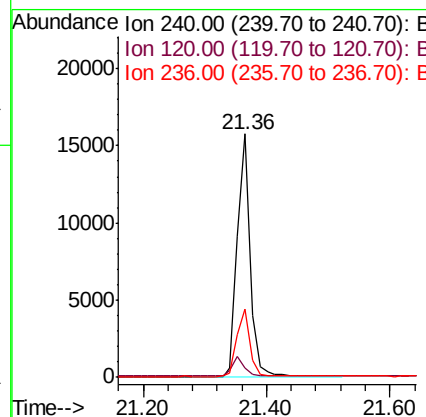
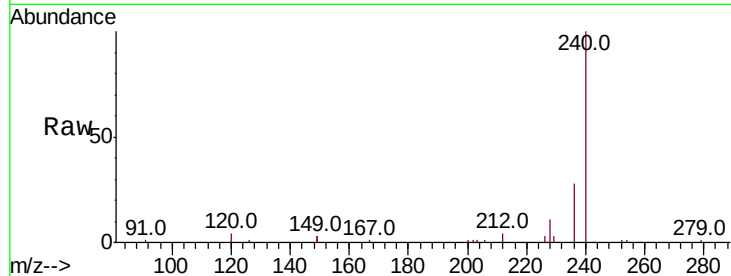
ClientSampleId :

PB119195BS

Tot Ion:240 Resp: 22584
 Ion Ratio Lower Upper
 240 100
 120 4.0 2.2 3.2#
 236 28.0 20.2 30.4

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#28

Pyrene

Concen: 0.261 ng

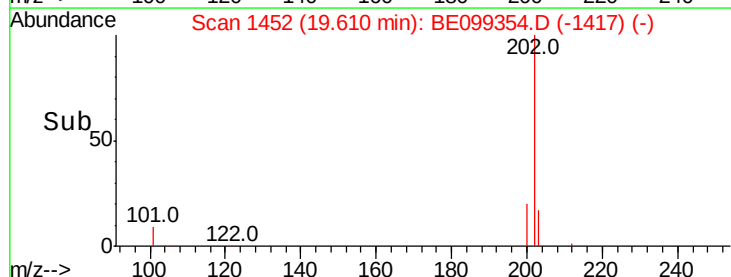
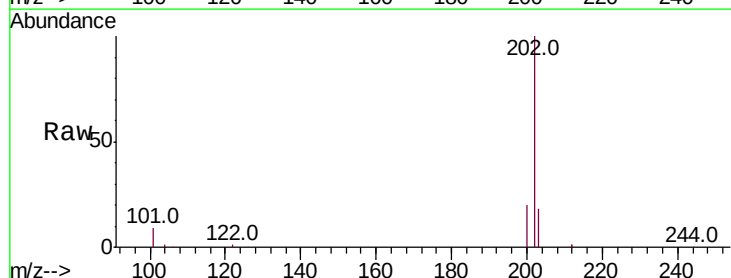
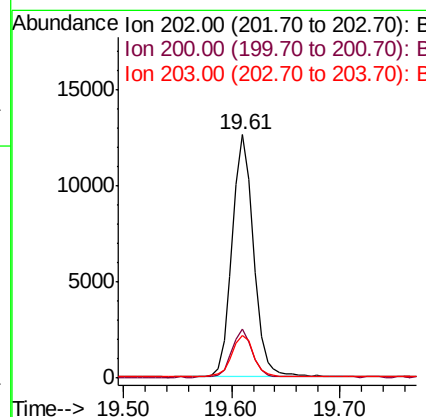
RT: 19.61 min Scan# 1452

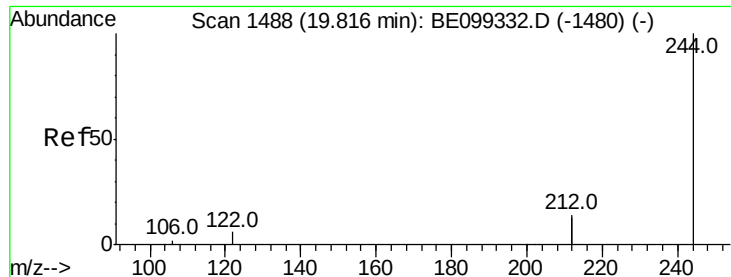
Delta R.T. 0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Tgt Ion:202 Resp: 17392
 Ion Ratio Lower Upper
 202 100
 200 19.4 15.7 23.5
 203 18.3 13.7 20.5





#29

Terphenyl-d14

Concen: 0.348 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

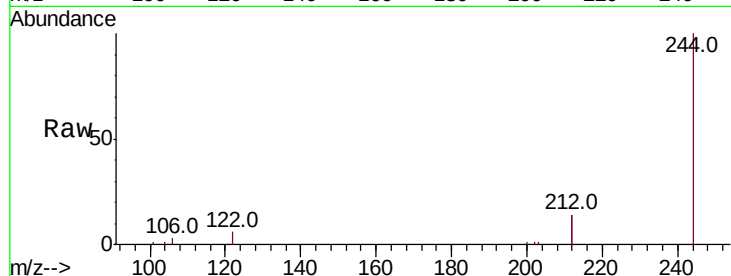
ClientSampleId :

PB119195BS

Tot Ion:	244	Resp:	15458
Ion Ratio	Lower	Upper	
244	100		
212	28.4	22.6	33.8
122	6.4	4.6	7.0

Manual Integrations
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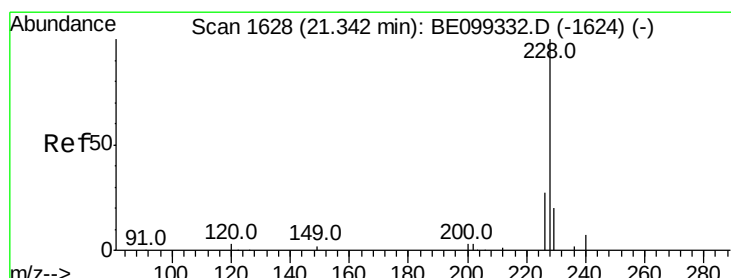
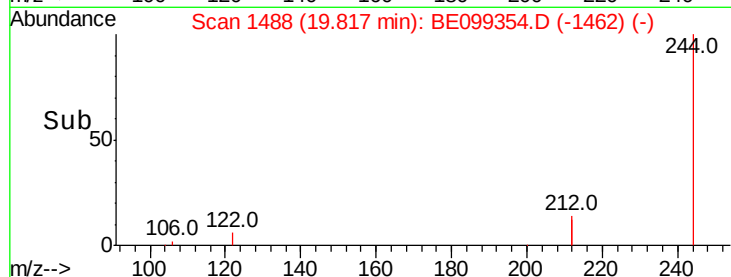
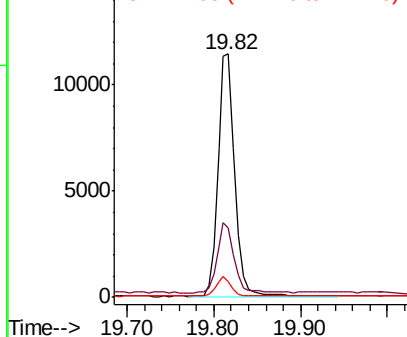


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.311 ng

RT: 21.34 min Scan# 1627

Delta R.T. -0.00 min

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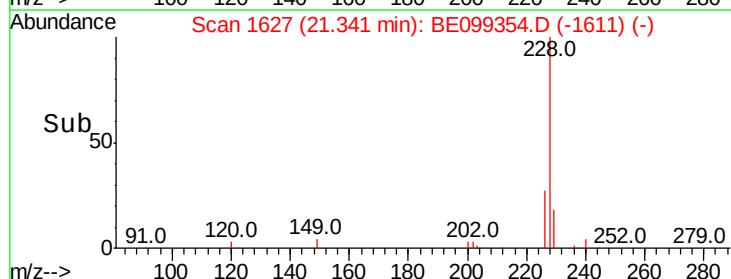
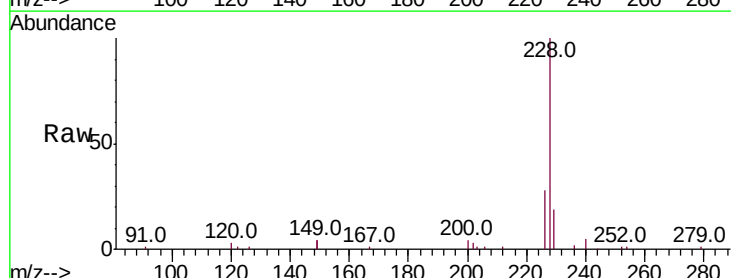
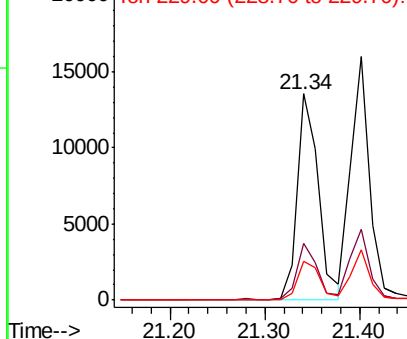
Tgt Ion:	228	Resp:	20667
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.0	33.0
229	18.6	15.8	23.8

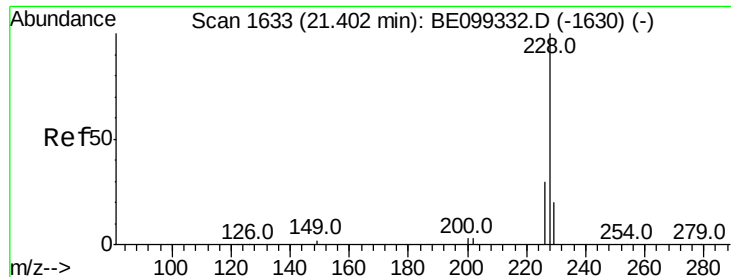
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.310 ng

RT: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

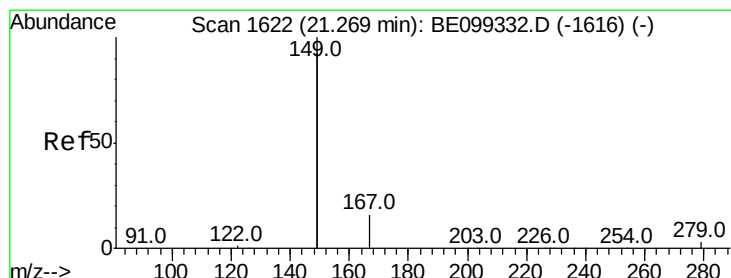
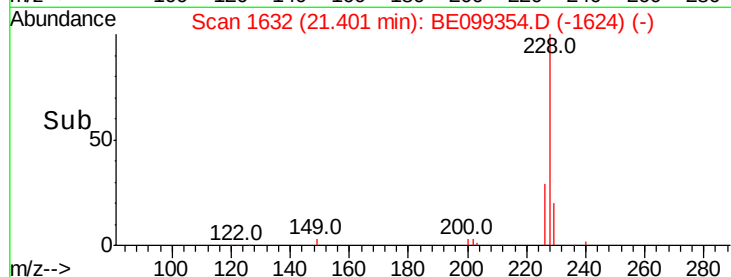
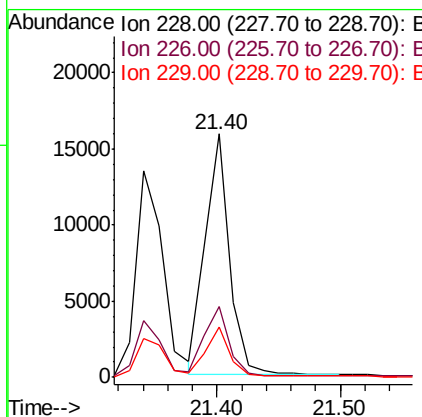
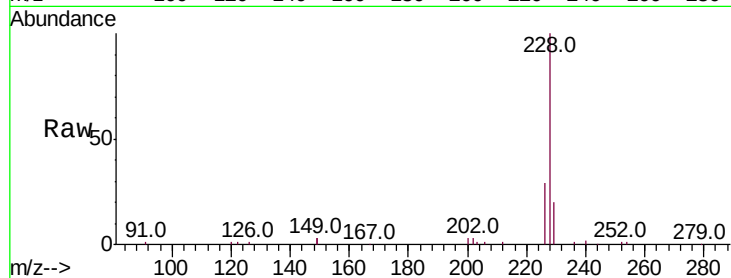
ClientSampleId :

PB119195BS

Tot Ion:	228	Resp:	21888
Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	20.5	16.2	24.2

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.248 ng

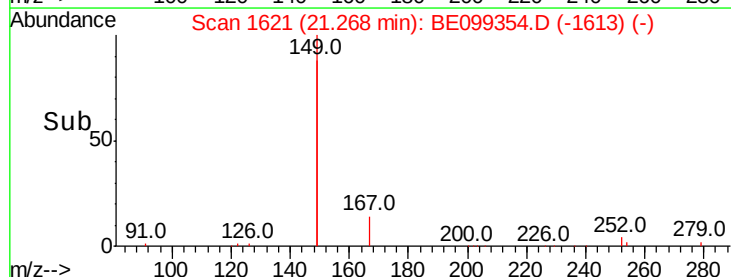
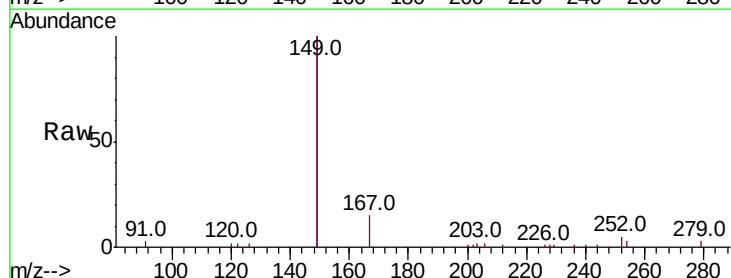
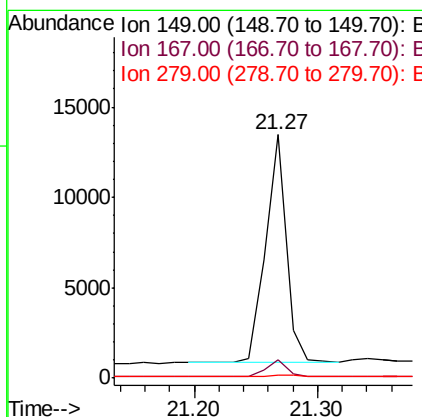
RT: 21.27 min Scan# 1621

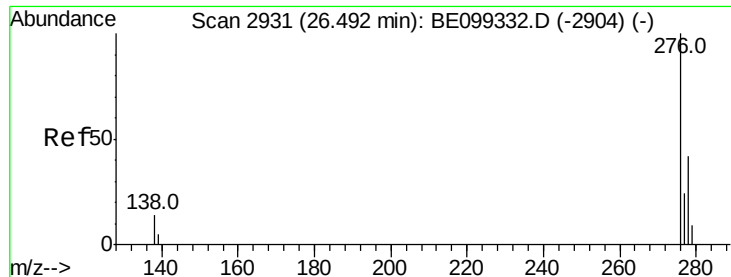
Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Tgt Ion:	149	Resp:	14985
Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.0	9.0
279	1.4	1.1	1.7





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.348 ng

RT: 26.50 min Scan# 2932

Delta R.T. 0.01 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

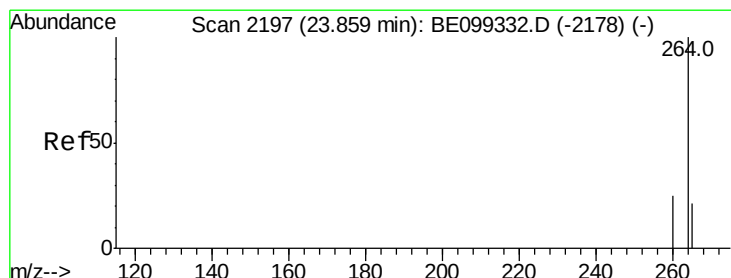
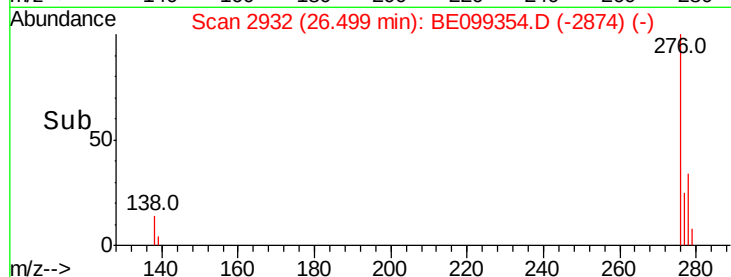
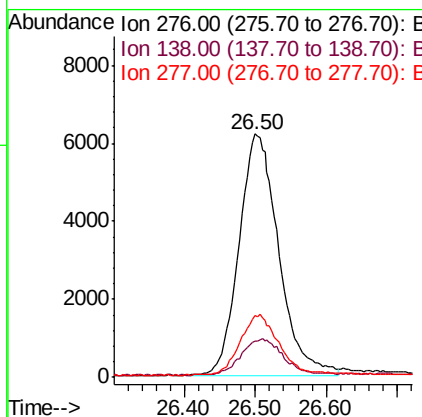
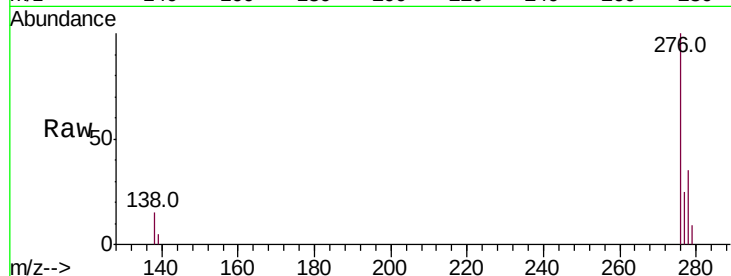
ClientSampleId :

PB119195BS

Tot Ion:	276	Resp:	24300
Ion Ratio	Lower	Upper	
276	100		
138	15.6	12.7	19.1
277	24.2	19.6	29.4

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#34

Perylene-d12

Concen: 0.400 ng

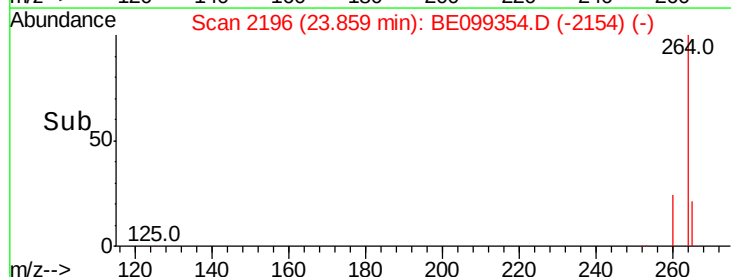
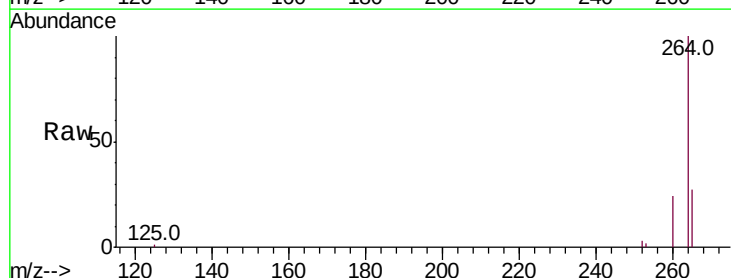
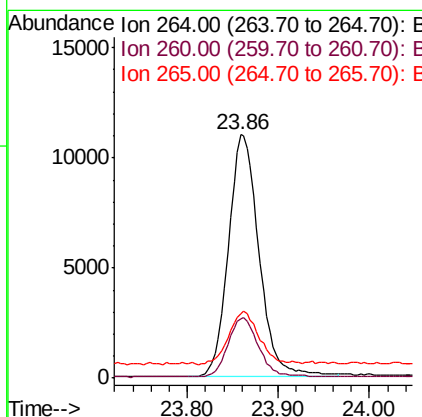
RT: 23.86 min Scan# 2196

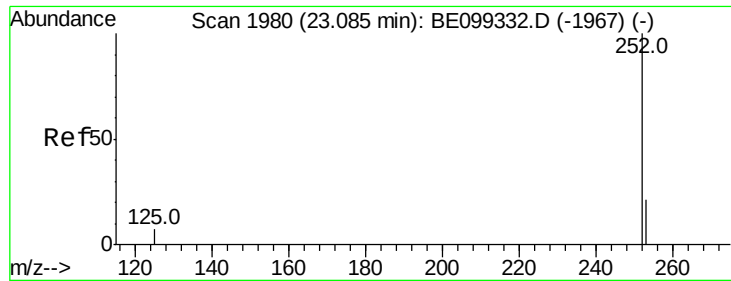
Delta R.T. -0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Tgt Ion:	264	Resp:	25808
Ion Ratio	Lower	Upper	
264	100		
260	24.2	20.1	30.1
265	26.6	19.9	29.9





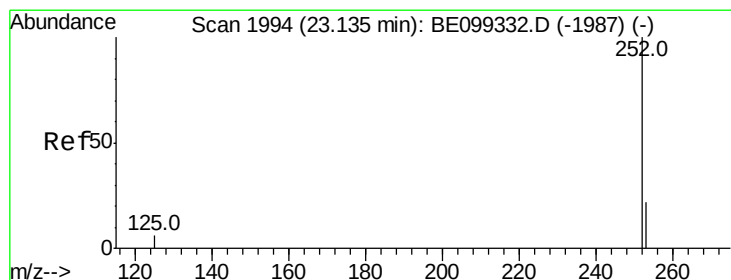
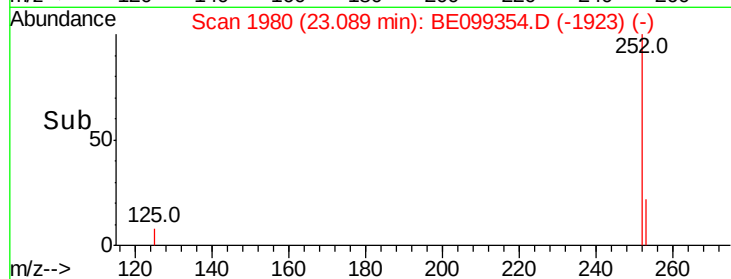
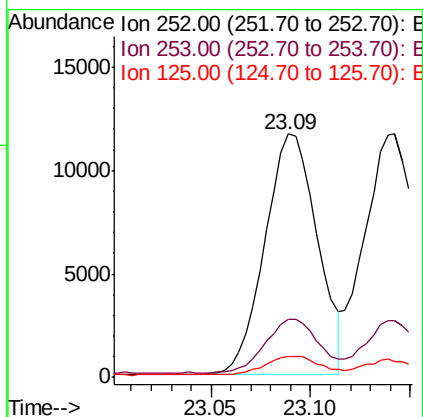
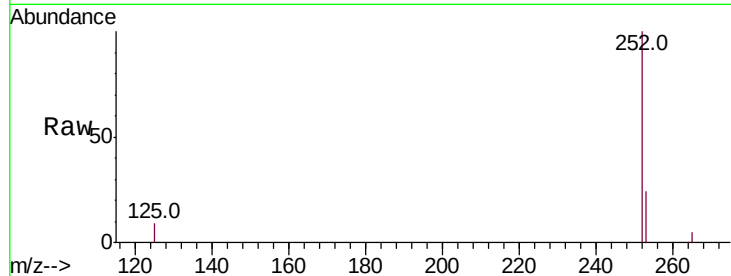
#35
Benzo(b)fluoranthene
Concen: 0.270 ng
RT: 23.09 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BE099354.D
Acq: 25 Apr 2019 10:49

Instrument :
BNA_E
ClientSampleId :
PB119195BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	8.6	5.8	8.6

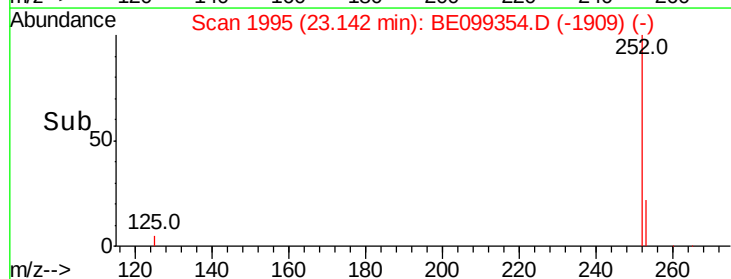
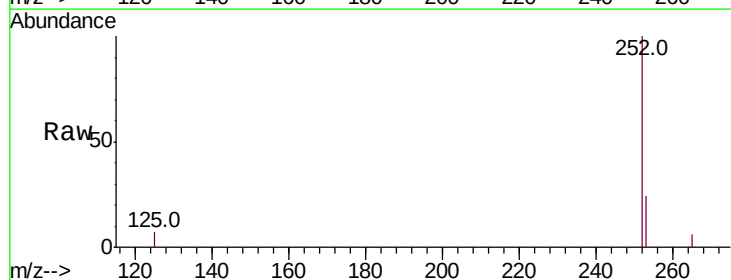
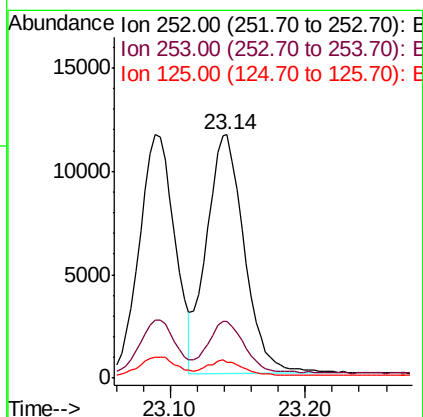
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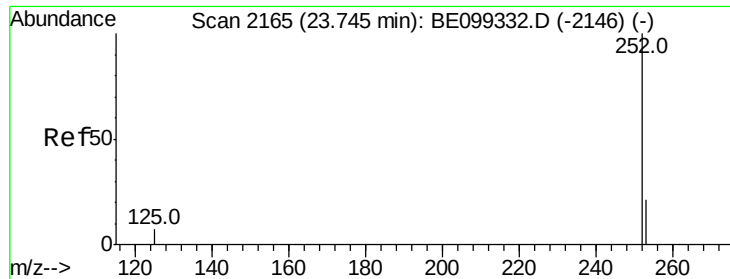
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#36
Benzo(k)fluoranthene
Concen: 0.286 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BE099354.D
Acq: 25 Apr 2019 10:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	6.6	5.4	8.0





#37

Benzo(a)pyrene

Concen: 0.288 ng

RT: 23.75 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Instrument :

BNA_E

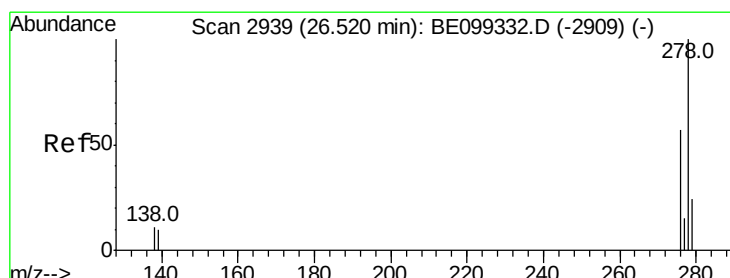
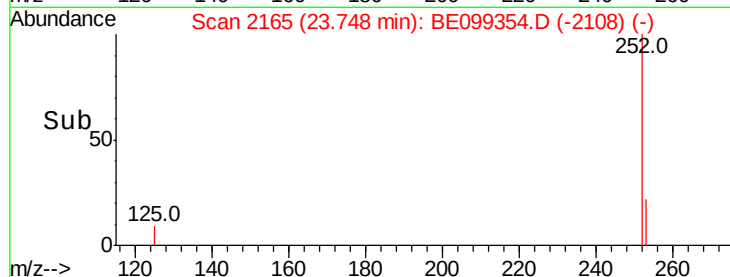
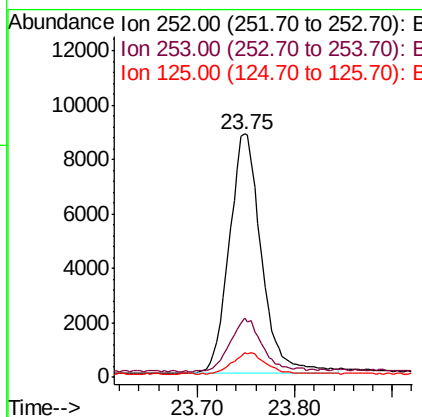
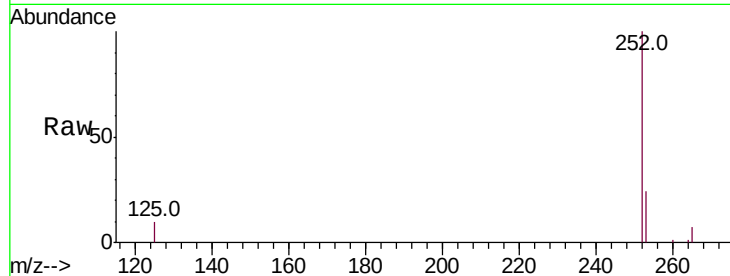
ClientSampleId :

PB119195BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	10.1	6.5	9.7

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#38

Dibenzo(a,h)anthracene

Concen: 0.277 ng

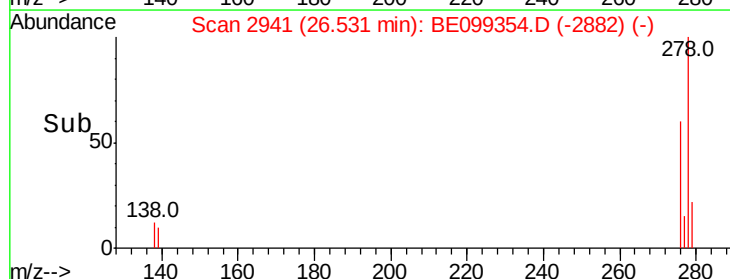
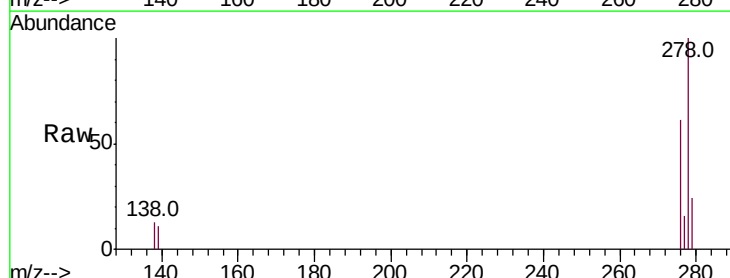
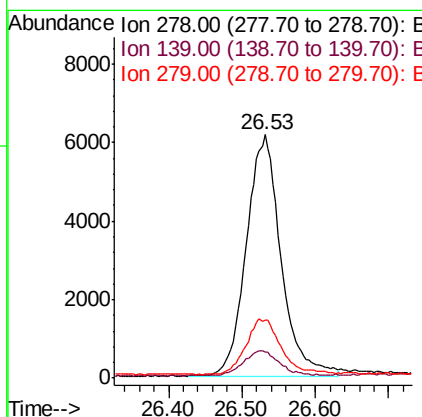
RT: 26.53 min Scan# 2941

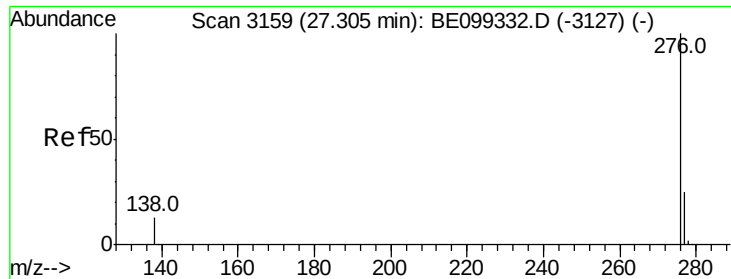
Delta R.T. 0.01 min

Lab File: BE099354.D

Acq: 25 Apr 2019 10:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.7	8.5	12.7
279	23.6	19.8	29.8





#39
 Benzo(a,h,i)perylene
 Concen: 0.287 ng
 RT: 27.31 min Scan# 3160
 Delta R.T. 0.01 min
 Lab File: BE099354.D
 Acq: 25 Apr 2019 10:49

Instrument :
 BNA_E
 ClientSampleId :
 PB119195BS

Tot Ion:	276	Resp:	21076
Ion Ratio	Lower	Upper	
276	100		
277	24.0	20.0	30.0
138	14.1	11.1	16.7

Manual Integrations
 APPROVED

Sohil
 4/29/2019 2:29:25 AM

