

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
 Data File : BE099567.D
 Acq On : 7 May 2019 16:12
 Operator : JU/SJ
 Sample : PB119482BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119482BSD

Manual Integrations
 APPROVED

mohammad
 5/8/2019 3:59:38 PM

Quant Time: May 08 01:50:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 14:10:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1990	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	6804	0.40	ng	0.01
13) Acenaphthene-d10	14.50	164	4532	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12700	0.40	ng	0.00
27) Chrysene-d12	21.43	240	18276	0.40	ng	0.00
34) Perylene-d12	23.98	264	21973	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	1878	0.34	ng	0.00
5) Phenol-d6	7.00	99	2564	0.35	ng	0.02
8) Nitrobenzene-d5	8.99	82	2109	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	4042m	0.34	ng	0.02
14) 2,4,6-Tribromophenol	16.00	330	867	0.29	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	5798	0.34	ng	0.00
25) Fluoranthene-d10	19.28	212	58183	0.34	ng	0.00
29) Terphenyl-d14	19.87	244	12571	0.37	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	735	0.261	ng	# 57
3) n-Nitrosodimethylamine	3.63	42	644	0.346	ng	# 90
6) bis(2-Chloroethyl)ether	7.25	93	1984	0.328	ng	93
9) Naphthalene	10.68	128	25699	0.357	ng	100
10) Hexachlorobutadiene	10.97	225	1774	0.339	ng	98
12) 2-Methylnaphthalene	12.31	142	4353	0.356	ng	95
16) Acenaphthylene	14.23	152	7316	0.335	ng	99
17) Acenaphthene	14.57	154	4191	0.343	ng	97
18) Fluorene	15.54	166	5957	0.341	ng	98
20) 4-Bromophenyl-phenylether	16.44	248	2372	0.329	ng	# 79
21) Hexachlorobenzene	16.54	284	2436	0.339	ng	99
22) Pentachlorophenol	16.91	266	1780	0.603	ng	96
23) Phenanthrene	17.28	178	11177	0.357	ng	98
24) Anthracene	17.37	178	10269	0.341	ng	99
26) Fluoranthene	19.30	202	17183	0.356	ng	99
28) Pyrene	19.67	202	18131	0.370	ng	99
30) Benzo(a)anthracene	21.41	228	22176	0.392	ng	99
31) Chrysene	21.46	228	21799	0.390	ng	99
32) Bis(2-ethylhexyl)phthalate	21.33	149	33103	0.369	ng	100
33) Indeno(1,2,3-cd)pyrene	26.68	276	27094	0.408	ng	100
35) Benzo(b)fluoranthene	23.19	252	21947	0.362	ng	99
36) Benzo(k)fluoranthene	23.24	252	22893	0.384	ng	98
37) Benzo(a)pyrene	23.86	252	21929	0.375	ng	98
38) Dibenzo(a,h)anthracene	26.71	278	22372	0.370	ng	98
39) Benzo(g,h,i)perylene	27.52	276	23225	0.384	ng	99

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

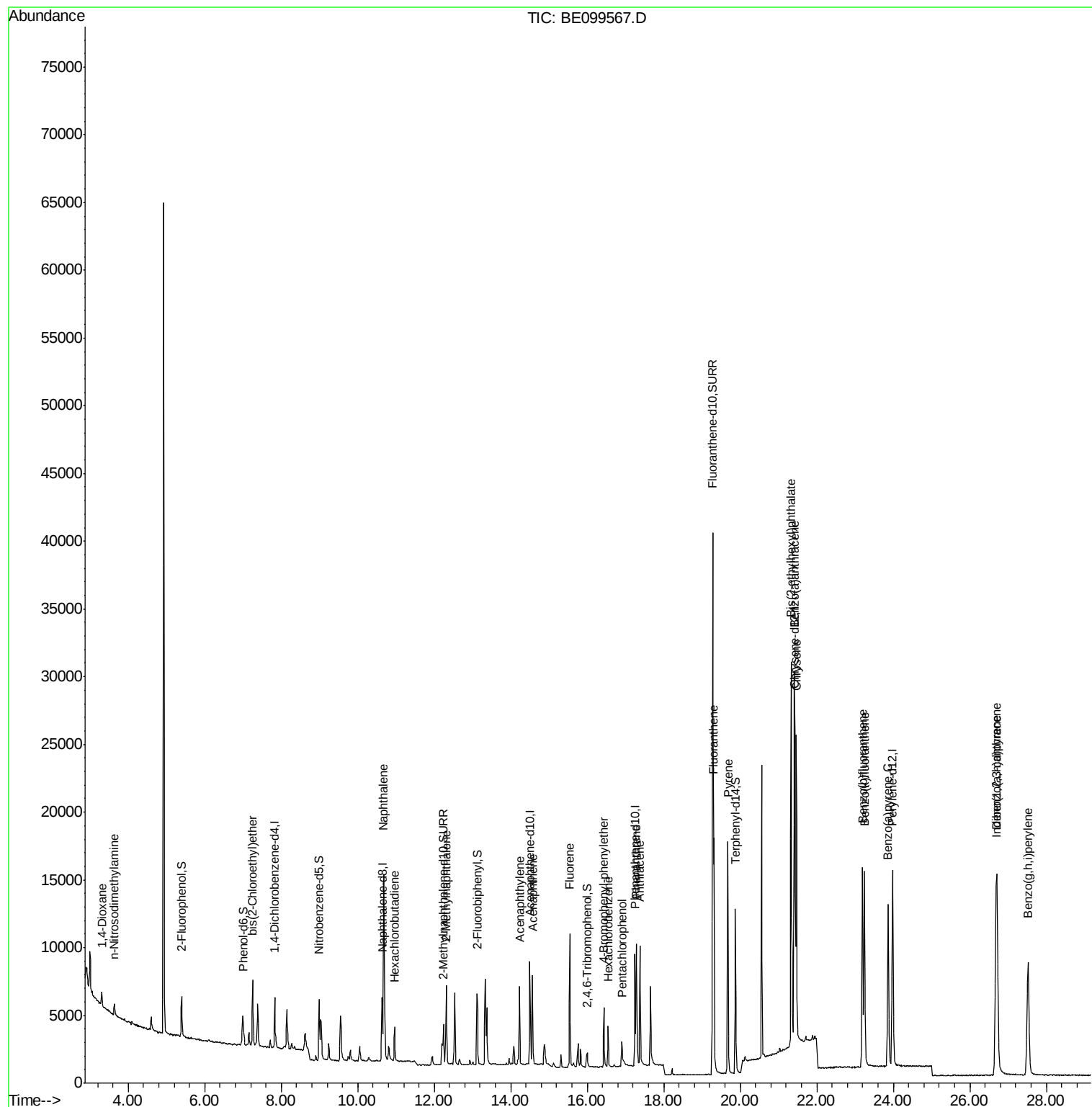
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
Data File : BE099567.D
Acq On : 7 May 2019 16:12
Operator : JU/SJ
Sample : PB119482BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

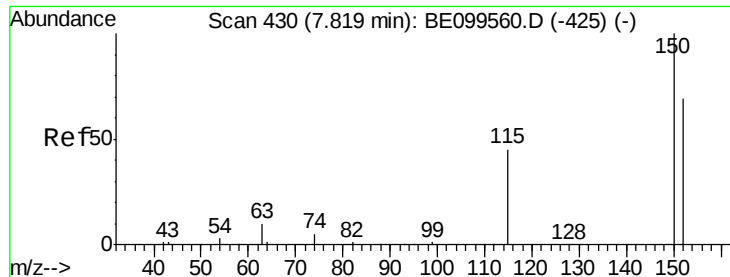
Instrument :
BNA_E
ClientSampleId :
PB119482BSD

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Quant Time: May 08 01:50:45 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 14:10:11 2019
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#1

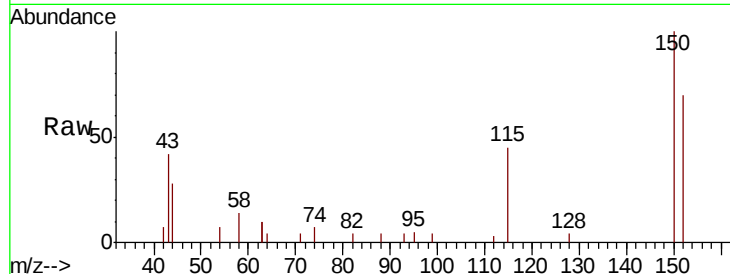
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.3	113.8	170.6
115	64.1	54.2	81.2

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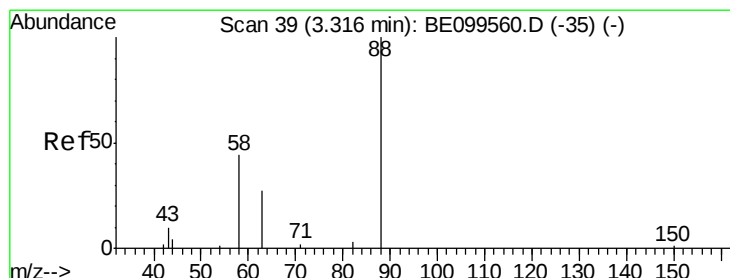
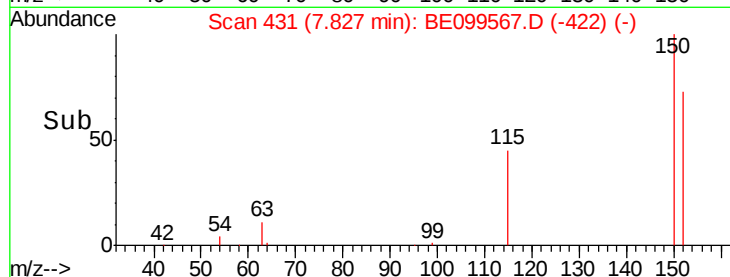
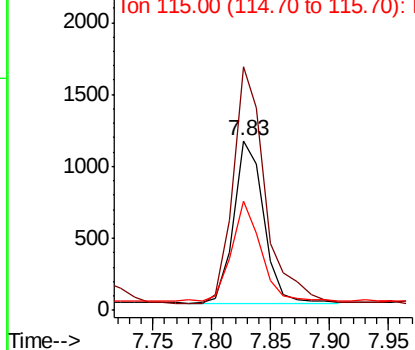


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

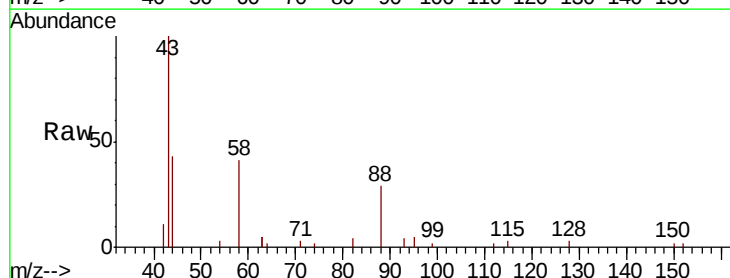
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.261 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	46.6	69.8#
43	0.0	20.3	30.5#

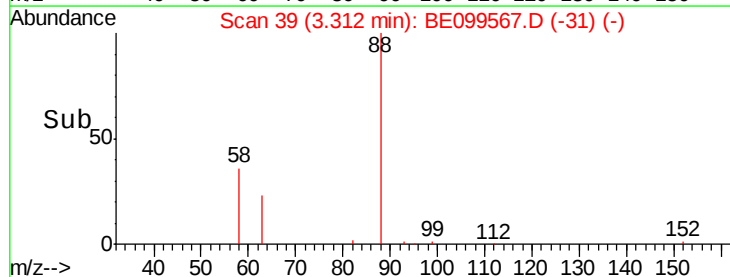
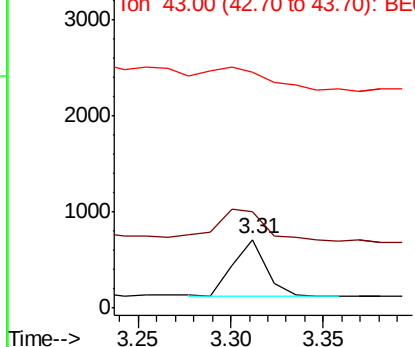


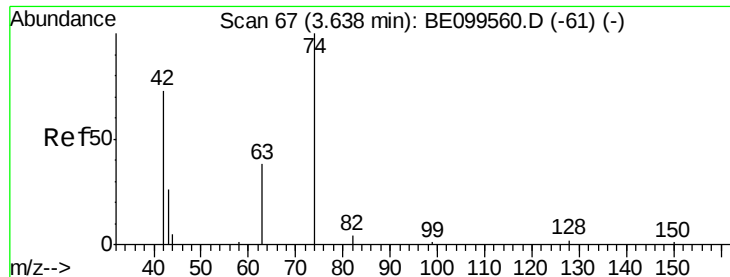
Abundance

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

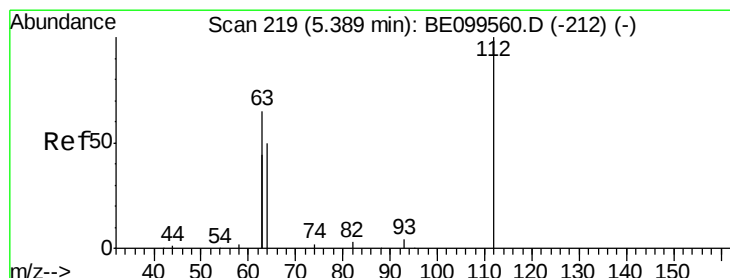
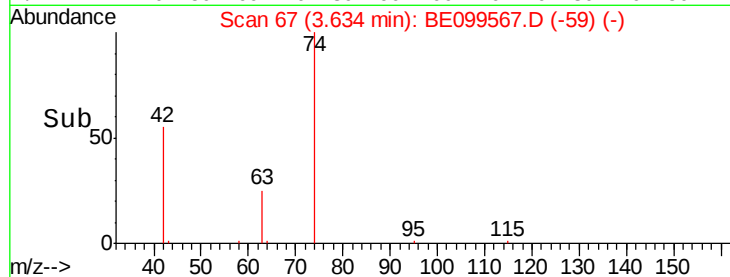
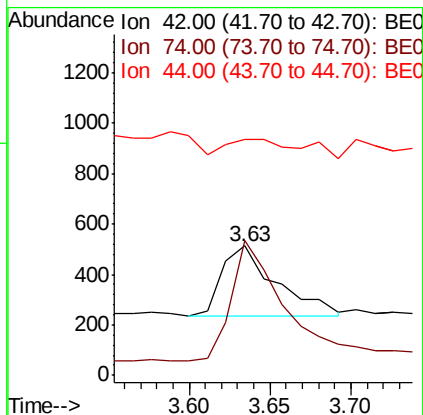
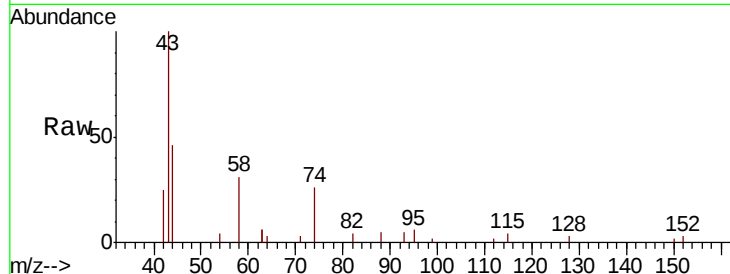
n-Nitrosodimethylamine
 Concen: 0.346 ng
 RT: 3.63 min Scan# 67
 Delta R.T. -0.00 min
 Lab File: BE099567.D
 Acq: 7 May 2019 16:12

Instrument :
 BNA_E
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
42	100		
74	164.1	121.3	181.9
44	24.7	0.0	0.0#

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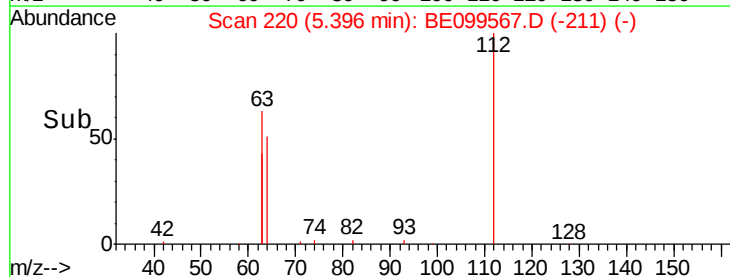
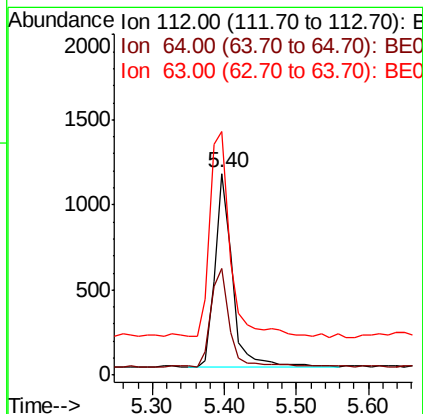
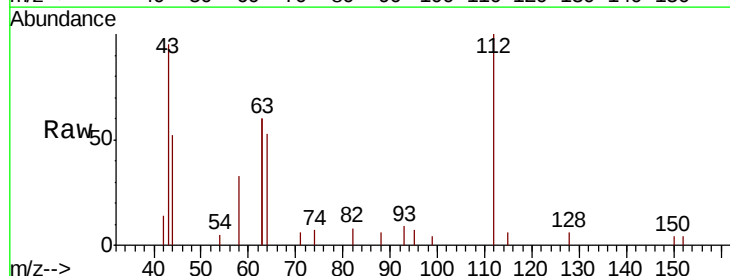
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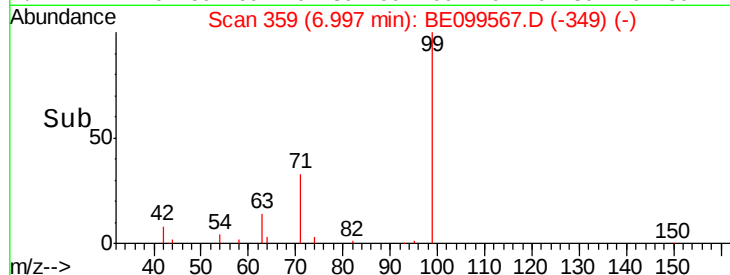
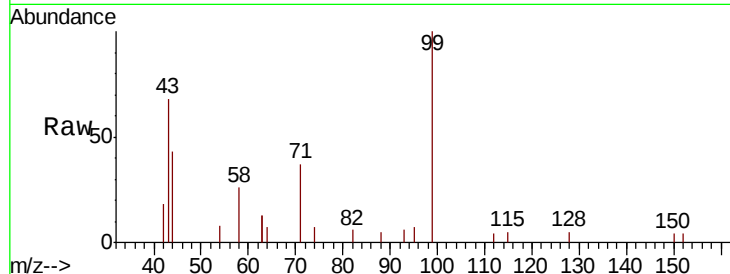
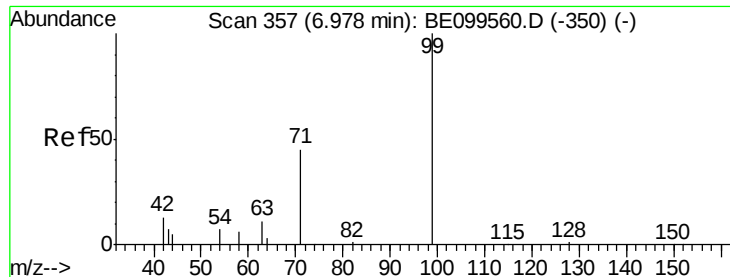


#4

2-Fluorophenol
 Concen: 0.341 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE099567.D
 Acq: 7 May 2019 16:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.3	69.5
63	125.4	99.6	149.4





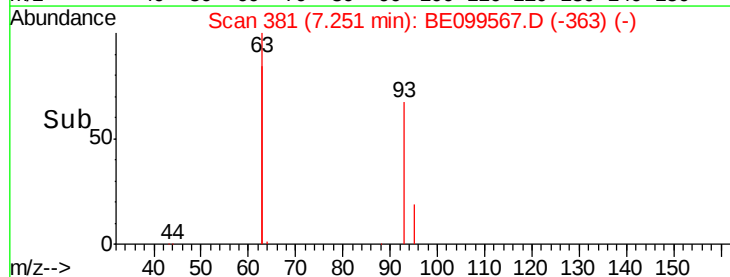
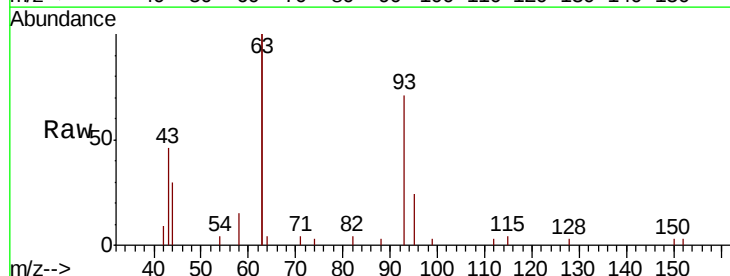
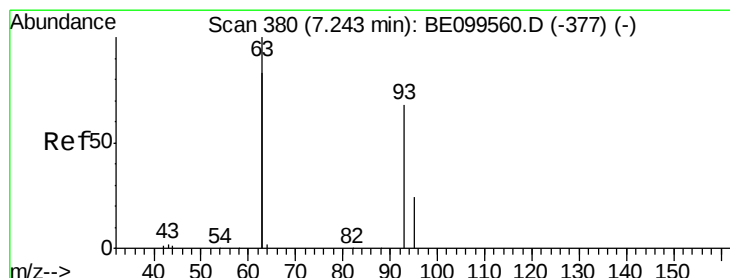
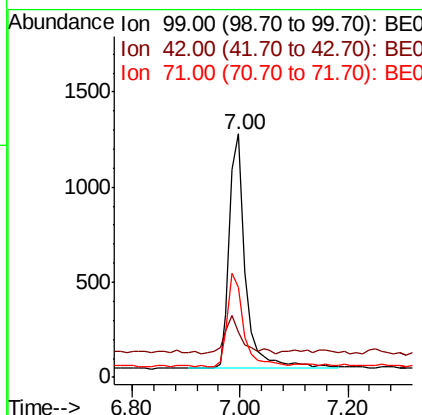
#5
Phenol-d6
Concen: 0.353 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.02 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Tot Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.0
71	39.8	34.2	51.2

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

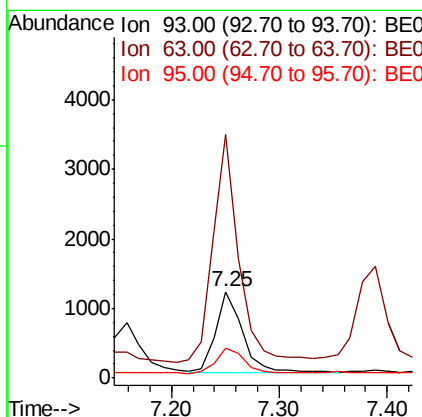
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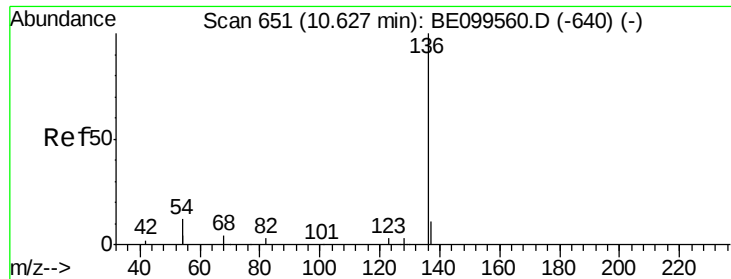
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#6
bis(2-Chloroethyl)ether
Concen: 0.328 ng
RT: 7.25 min Scan# 381
Delta R.T. 0.01 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Tgt Ion	Ratio	Lower	Upper
93	100		
63	274.5	209.0	313.4
95	33.5	26.9	40.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.64 min Scan# 653

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

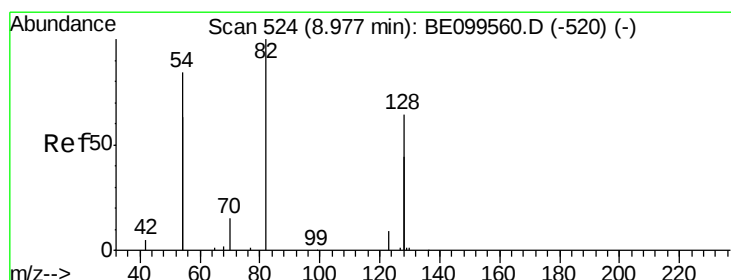
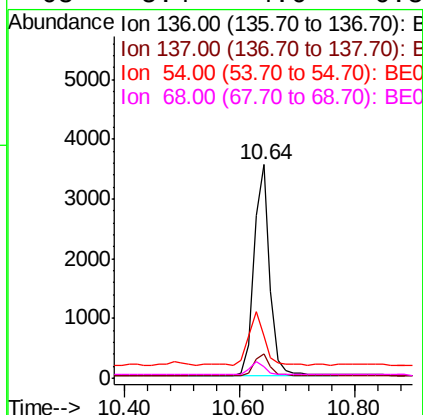
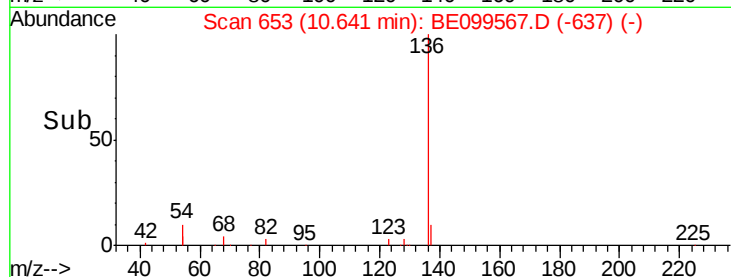
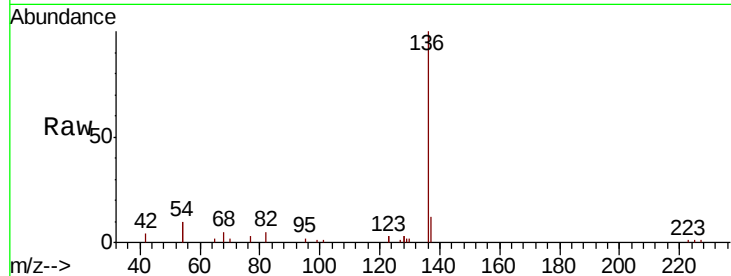
ClientSampleId :

PB119482BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	10.0	15.0
54	20.0	18.6	28.0
68	5.4	4.6	6.8

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#8

Nitrobenzene-d5

Concen: 0.322 ng

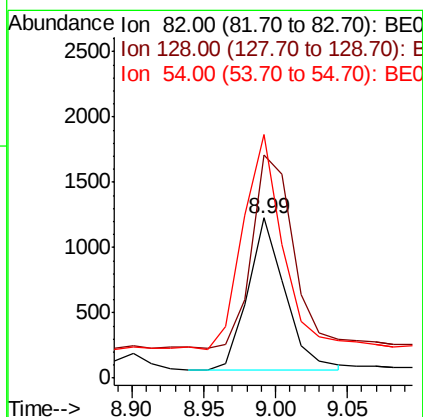
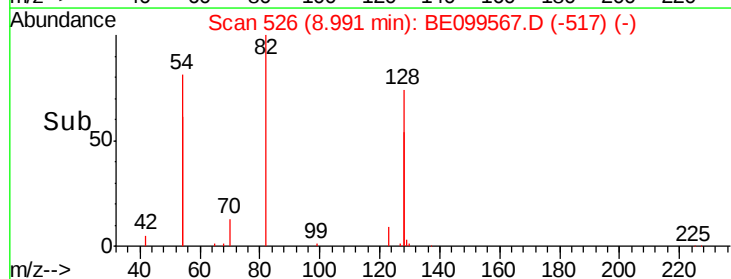
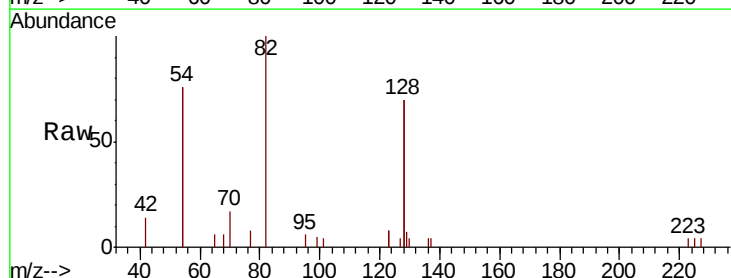
RT: 8.99 min Scan# 526

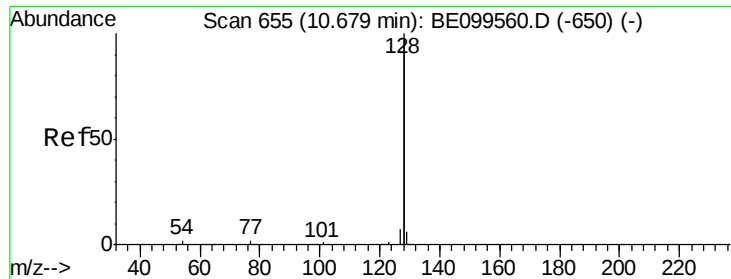
Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Tgt Ion	Ratio	Lower	Upper
82	100		
128	139.1	97.6	146.4
54	152.0	127.4	191.2





#9

Naphthalene

Concen: 0.357 ng

RT: 10.68 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

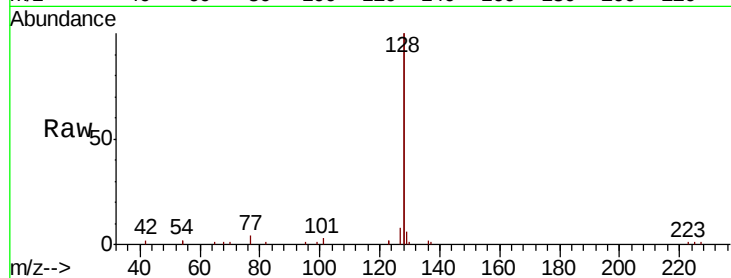
ClientSampleId :

PB119482BSD

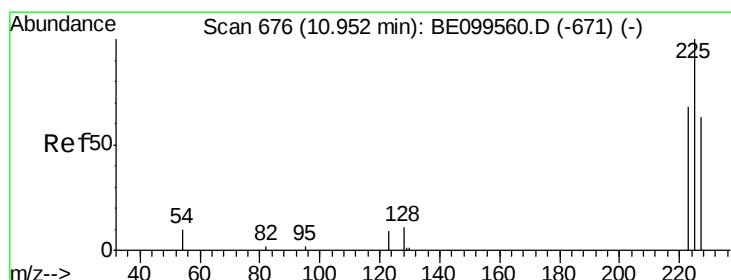
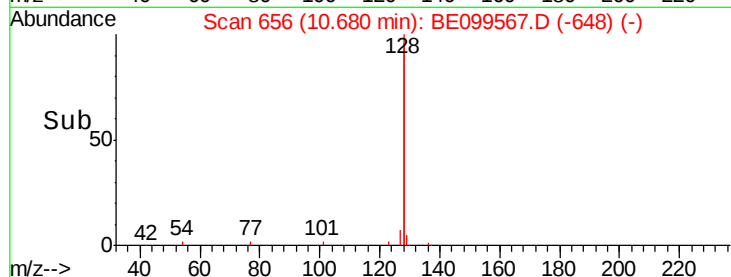
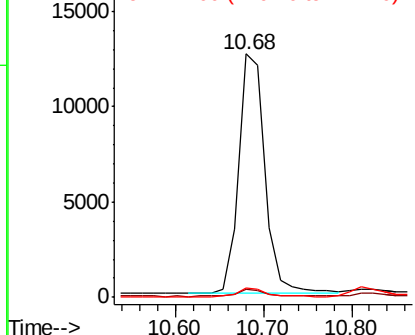
Tot Ion:128	Resp:	25699
Ion Ratio	Lower	Upper
128 100		
129 3.1	2.6	3.8
127 3.8	3.0	4.4

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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: 0.339 ng

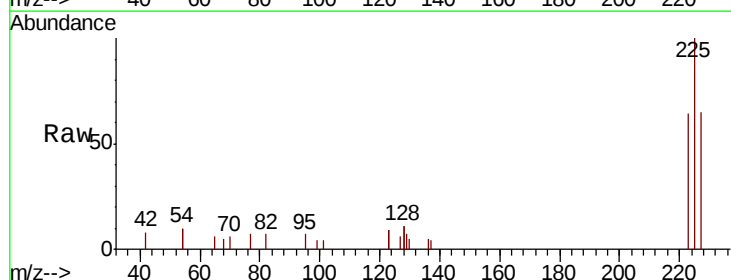
RT: 10.97 min Scan# 678

Delta R.T. 0.01 min

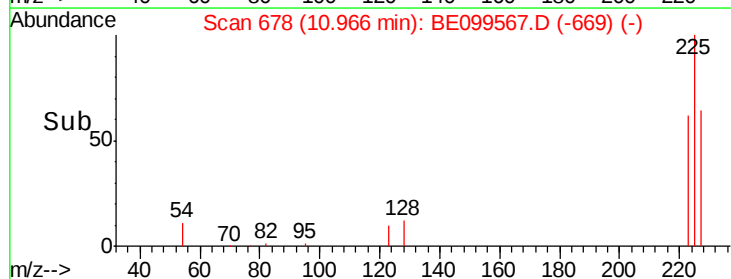
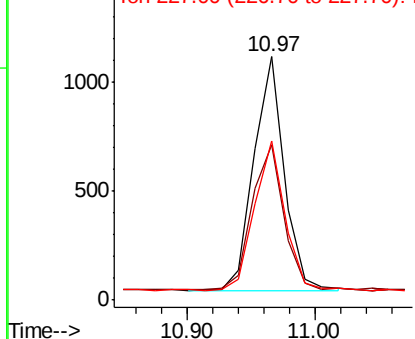
Lab File: BE099567.D

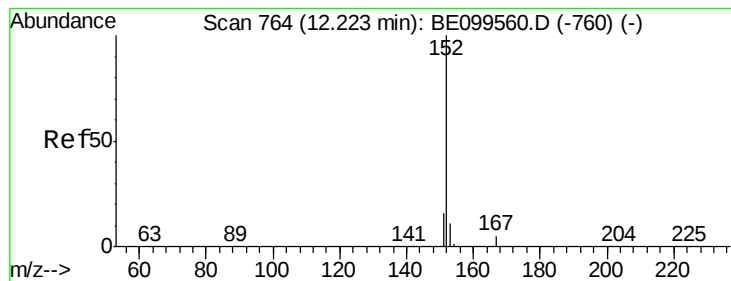
Acq: 7 May 2019 16:12

Tgt Ion:225	Resp:	1774
Ion Ratio	Lower	Upper
225 100		
223 64.0	53.0	79.6
227 64.0	51.4	77.0



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: 0.341 ng

RT: 12.24 min Scan# 766

Delta R.T. 0.02 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

PB119482BSD

Tot Ion:152 Resp: 4042

Ion Ratio Lower Upper

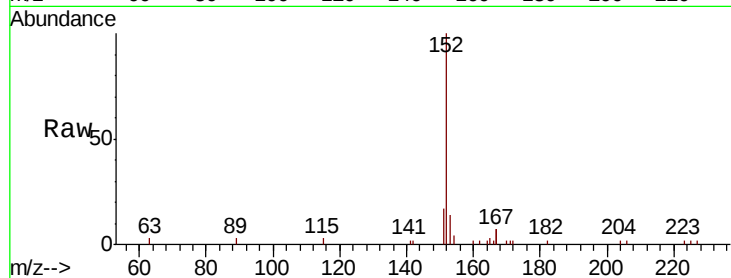
152 100

151 17.9 15.8 23.8

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.24

2500

2000

1500

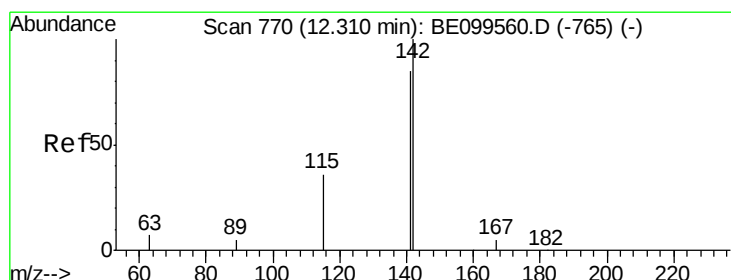
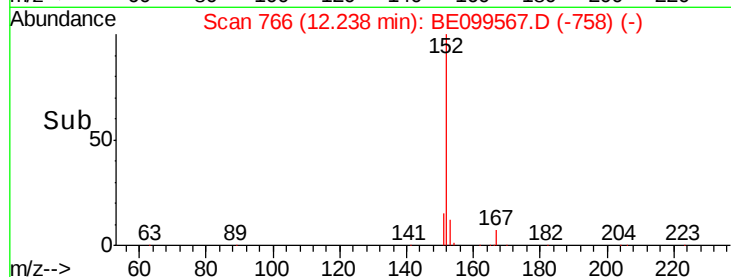
1000

500

0

12.20 12.30 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.356 ng

RT: 12.31 min Scan# 771

Delta R.T. 0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

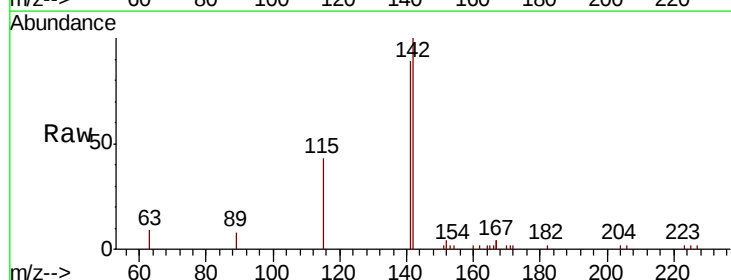
Tgt Ion:142 Resp: 4353

Ion Ratio Lower Upper

142 100

141 88.9 68.1 102.1

115 42.7 30.8 46.2



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

12.31

3000

2500

2000

1500

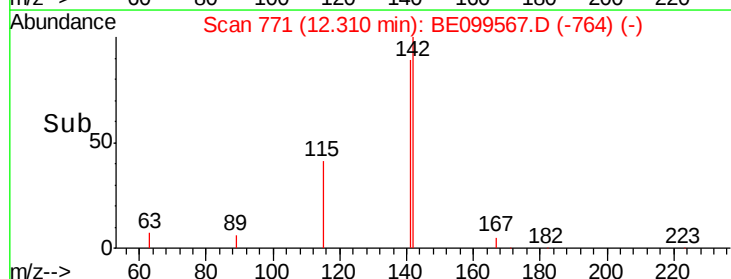
1000

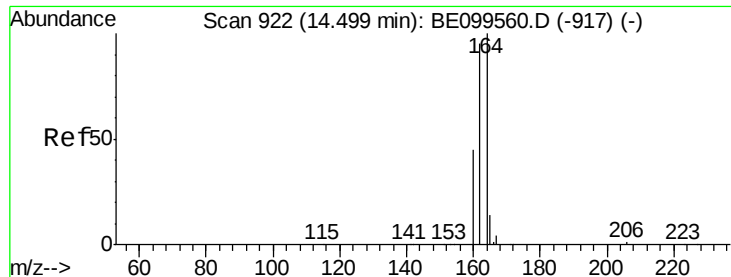
500

0

12.30 12.40

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 923

Delta R.T. 0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

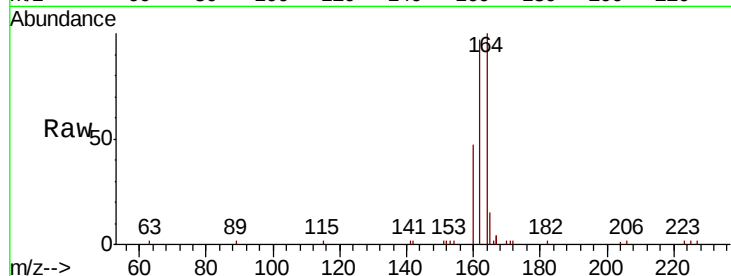
ClientSampleId :

PB119482BSD

Tot Ion:	164	Resp:	4532
Ion	Ratio	Lower	Upper
164	100		
162	97.4	76.4	114.6
160	46.8	36.6	55.0

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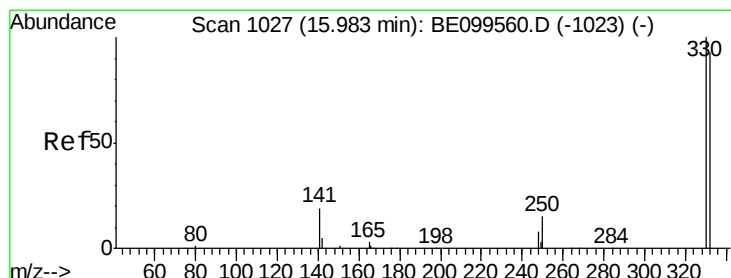
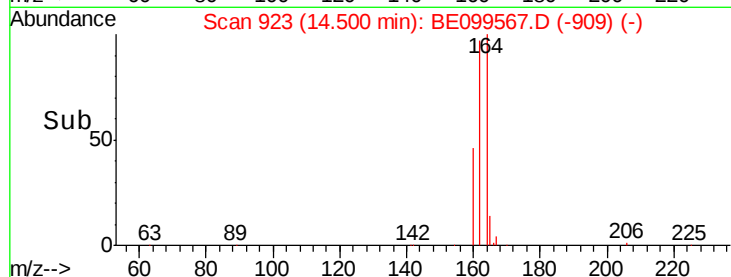
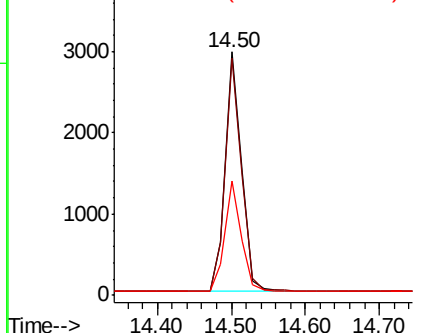


Abundance

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: 0.287 ng

RT: 16.00 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

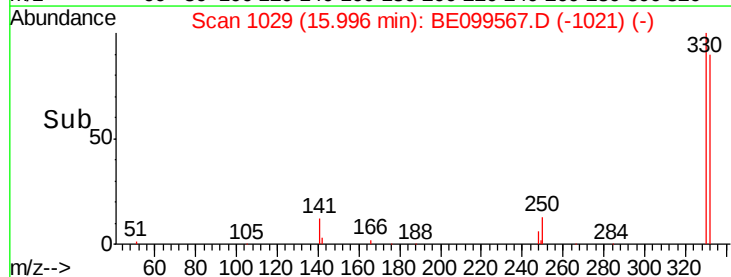
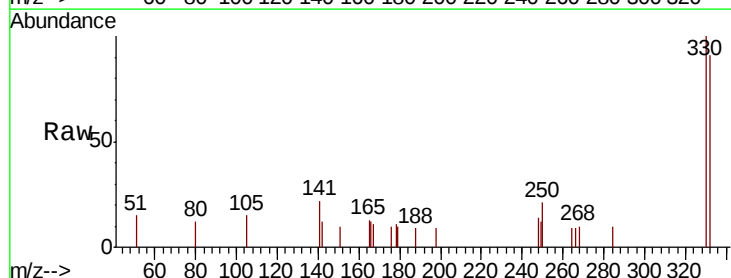
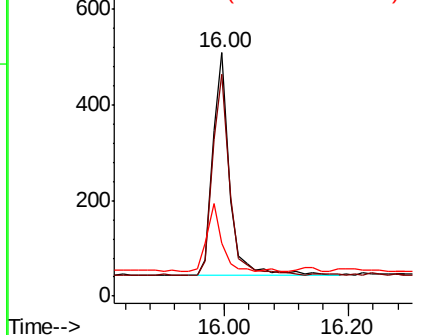
Tgt Ion:	330	Resp:	867
Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.7	116.5
141	27.3	26.1	39.1

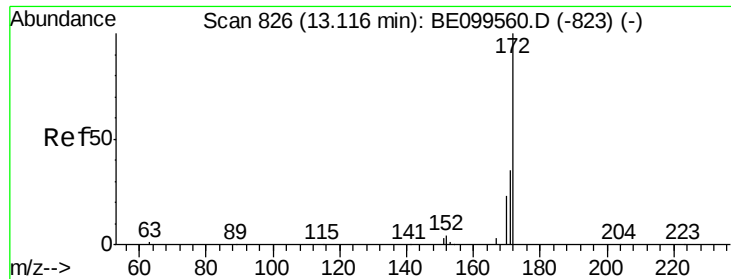
Abundance

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





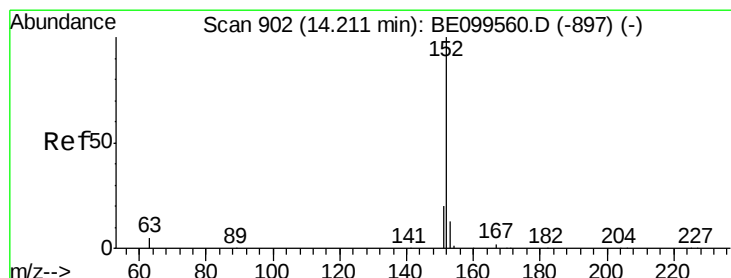
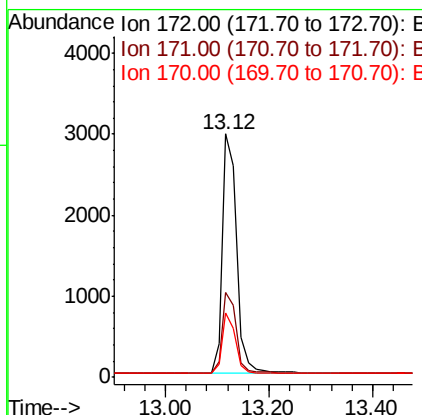
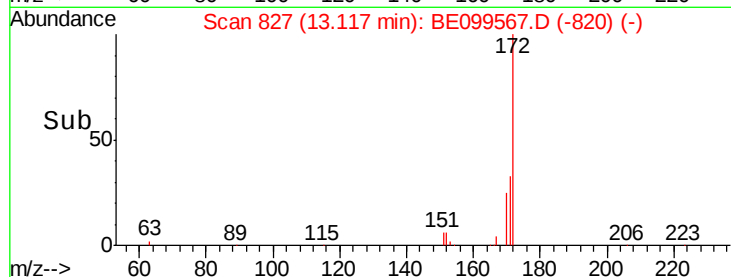
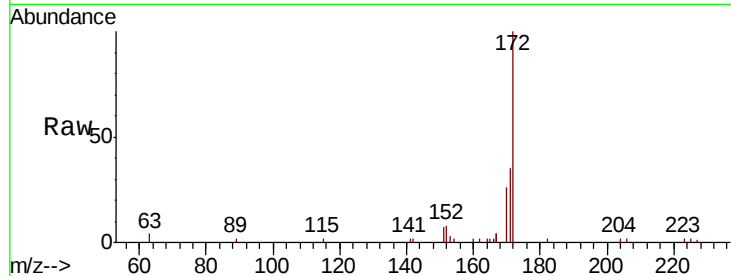
#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.12 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.4	42.6
170	26.3	18.8	28.2

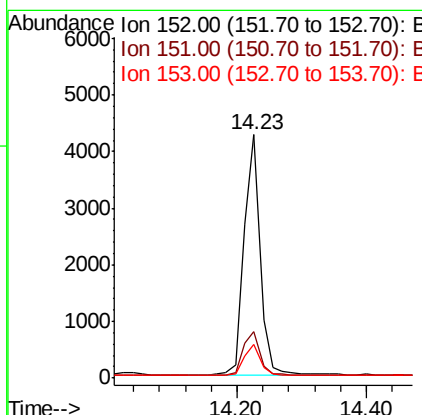
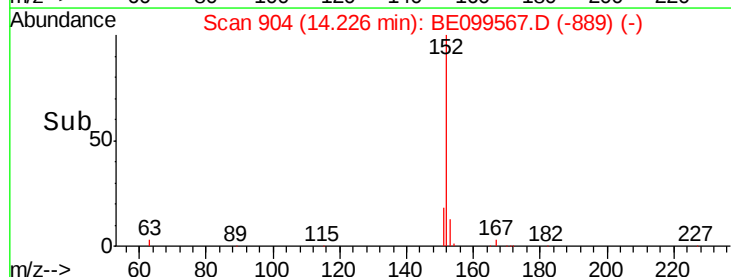
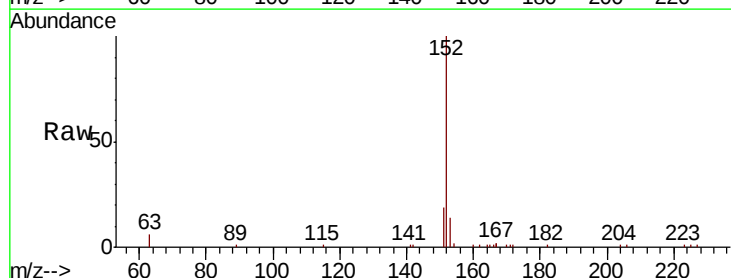
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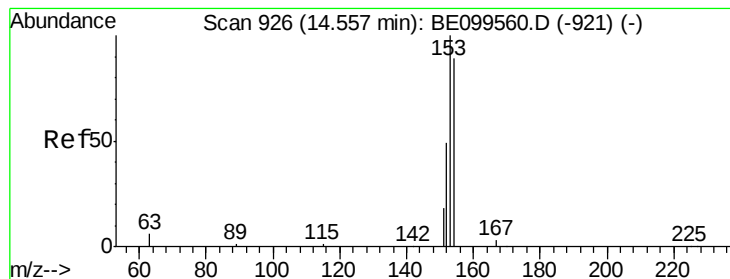
mohammad
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#16
Acenaphthylene
Concen: 0.335 ng
RT: 14.23 min Scan# 904
Delta R.T. 0.02 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8
153	12.8	10.5	15.7





#17

Acenaphthene

Concen: 0.343 ng

RT: 14.57 min Scan# 928

Delta R.T. 0.02 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

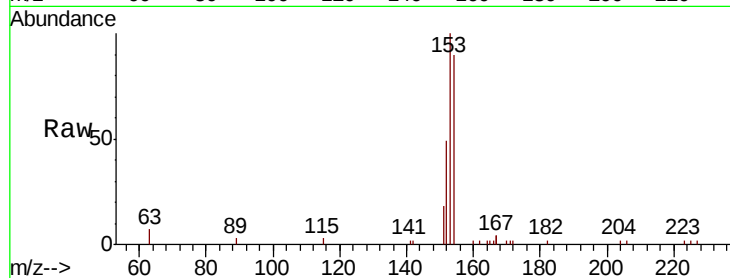
ClientSampleId :

PB119482BSD

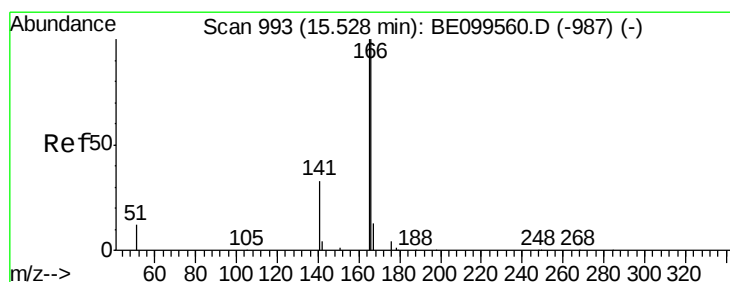
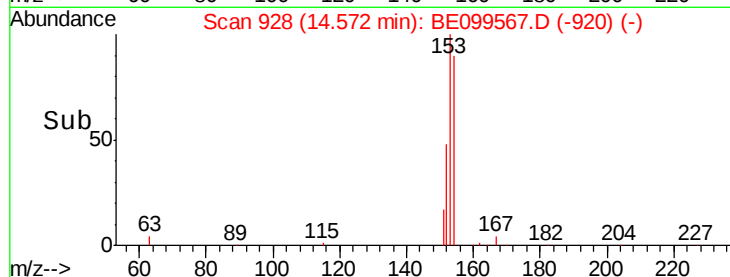
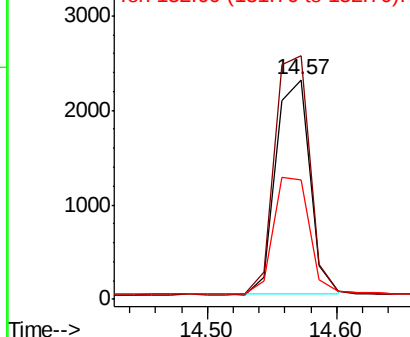
Tot Ion:	154	Resp:	4191
Ion	Ratio	Lower	Upper
154	100		
153	114.9	89.7	134.5
152	56.6	43.9	65.9

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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: 0.341 ng

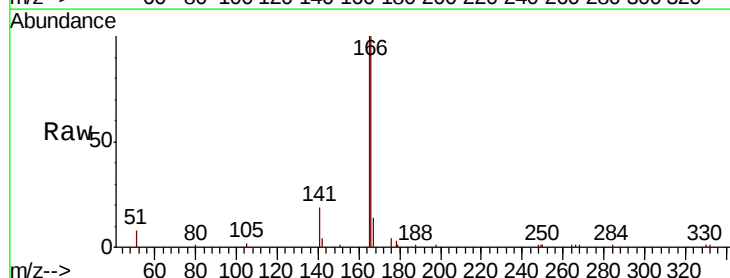
RT: 15.54 min Scan# 995

Delta R.T. 0.01 min

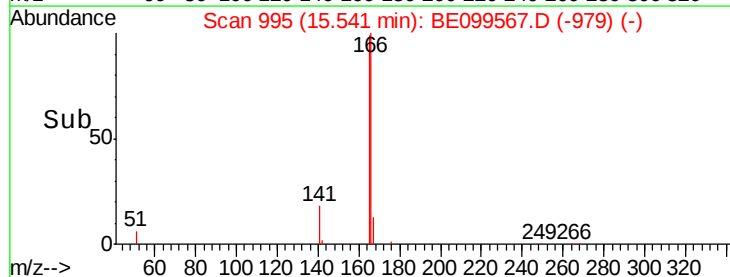
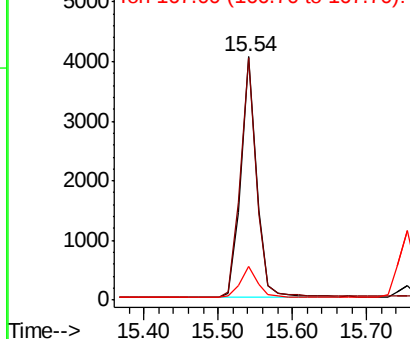
Lab File: BE099567.D

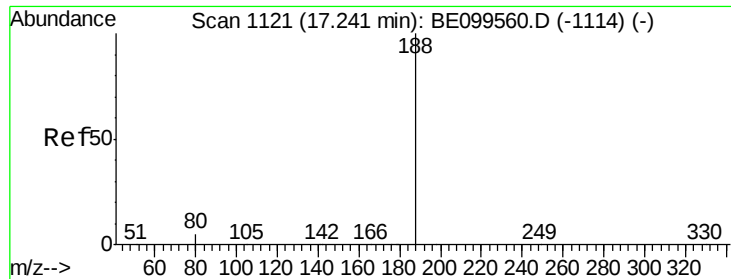
Acq: 7 May 2019 16:12

Tgt Ion:	166	Resp:	5957
Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.0	118.6
167	13.6	11.5	17.3



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





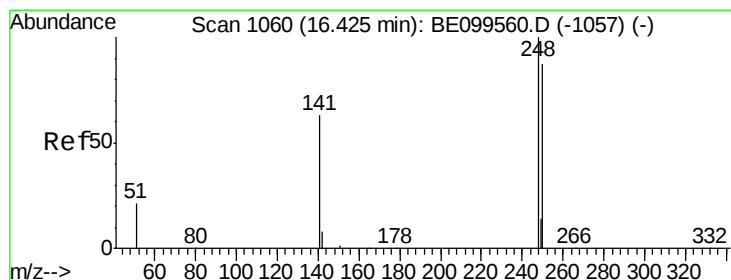
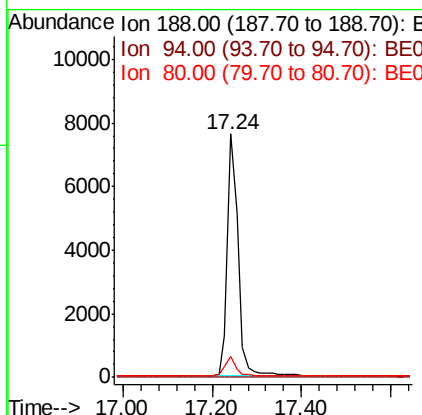
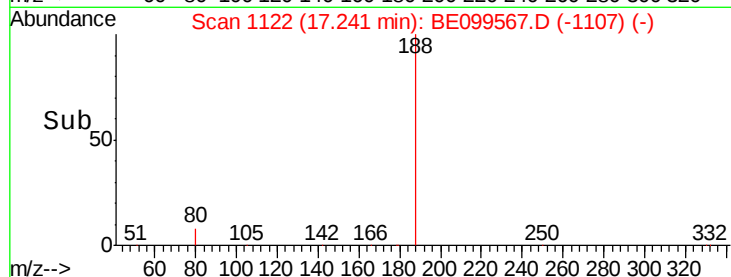
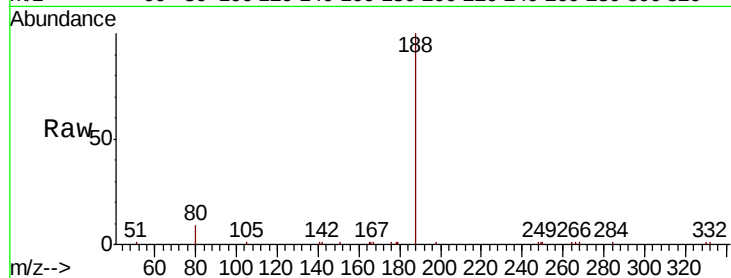
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tot Ion:	188	Resp:	12700
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.8	4.6	7.0#

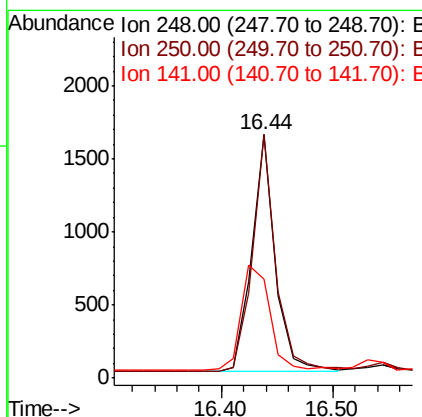
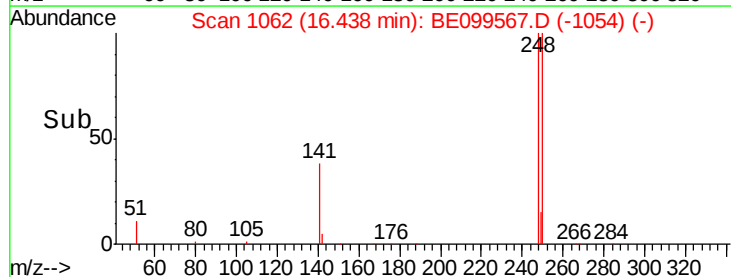
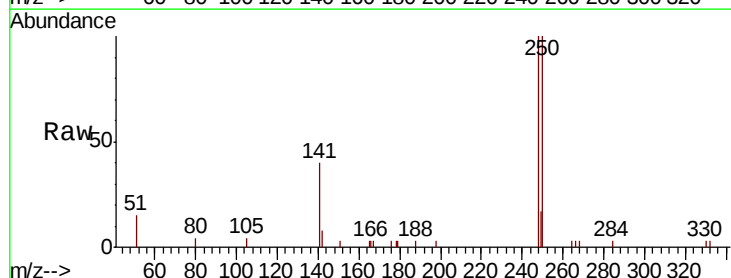
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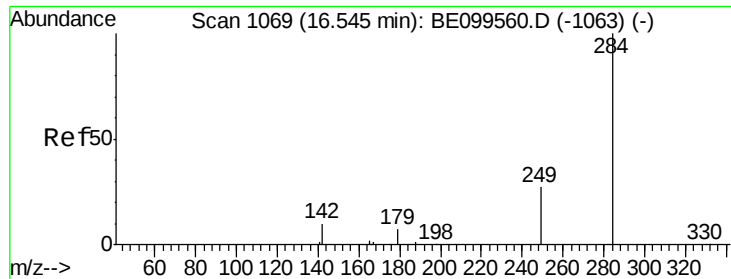
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#20
4-Bromophenyl-phenylether
Concen: 0.329 ng
RT: 16.44 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Tgt Ion:	248	Resp:	2372
Ion Ratio	Lower	Upper	
248	100		
250	99.9	70.0	105.0
141	40.5	51.8	77.8#





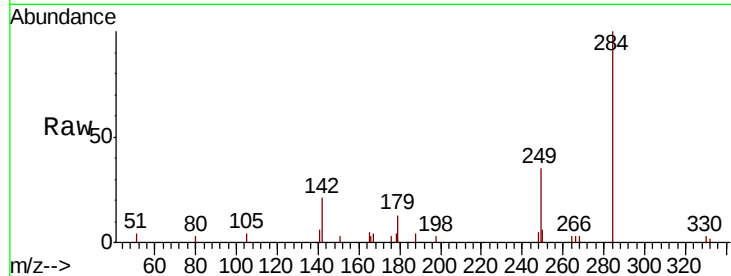
#21
Hexachlorobenzene
Concen: 0.339 ng
RT: 16.54 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

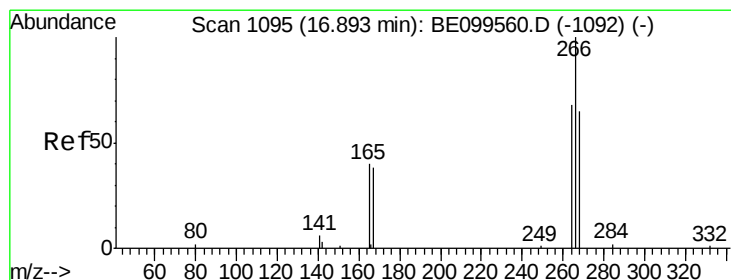
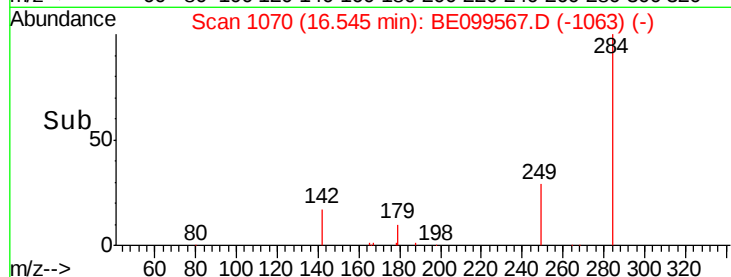
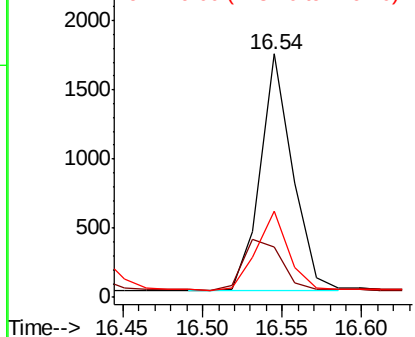
Tot Ion	Ratio	Lower	Upper
284	100		
142	25.1	19.5	29.3
249	33.4	26.2	39.2

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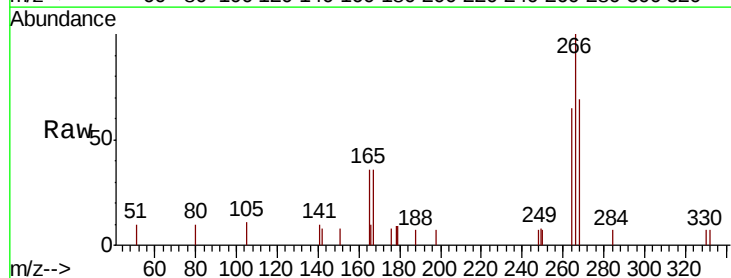


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

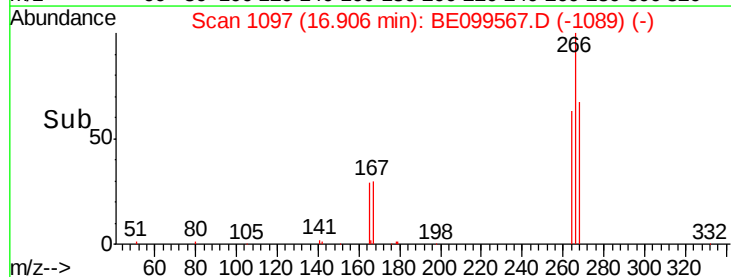
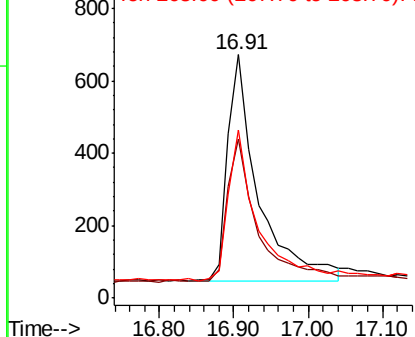


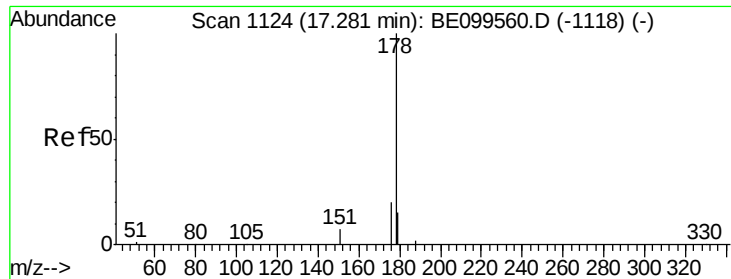
#22
Pentachlorophenol
Concen: 0.603 ng
RT: 16.91 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.2	56.6	84.8
268	69.2	55.8	83.8



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: 0.357 ng

RT: 17.28 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

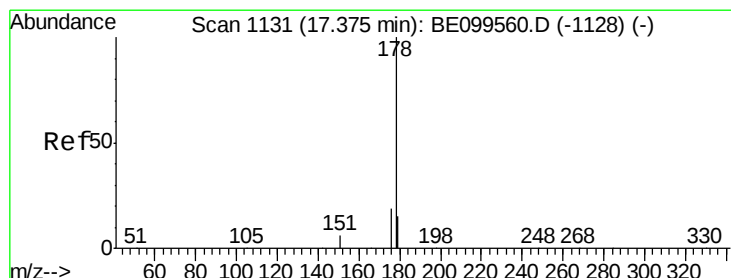
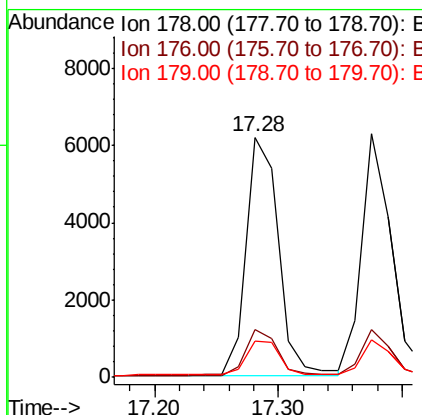
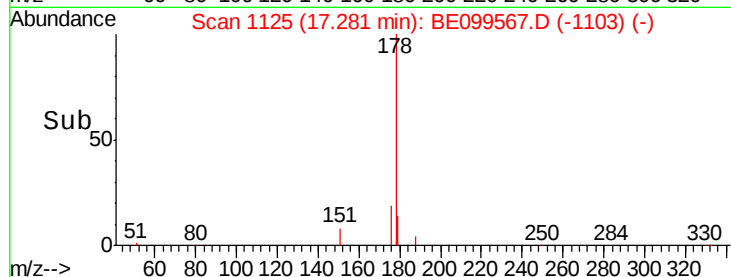
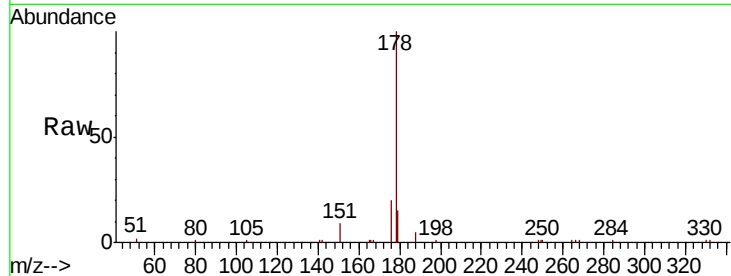
ClientSampleId :

PB119482BSD

Tot Ion:178	Resp:	11177
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.8 23.6
179	15.3	12.5 18.7

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#24

Anthracene

Concen: 0.341 ng

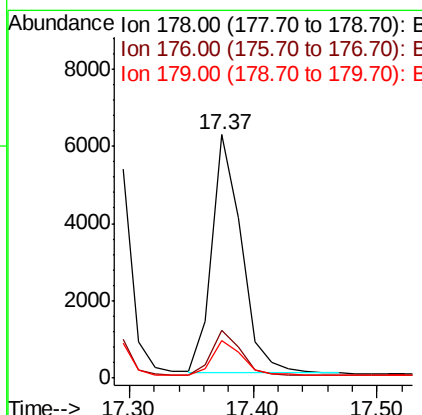
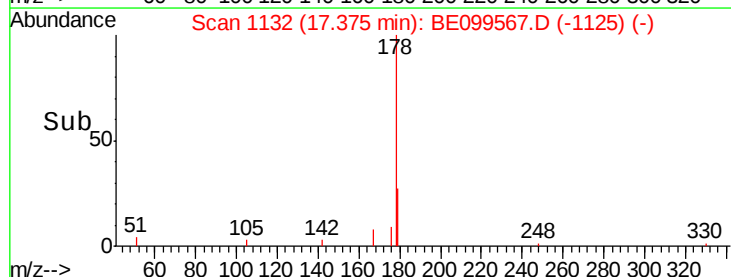
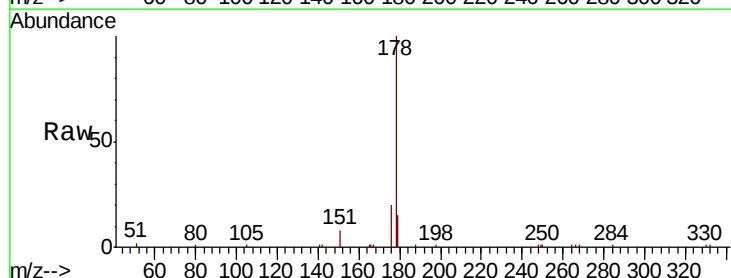
RT: 17.37 min Scan# 1132

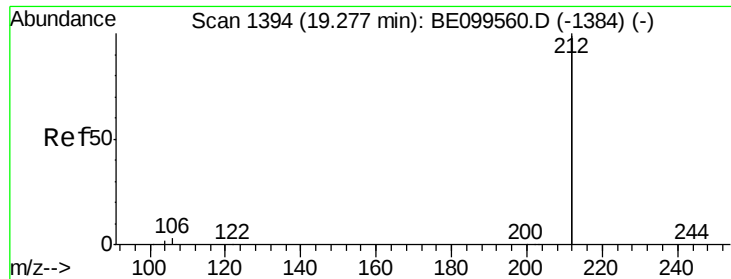
Delta R.T. -0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Tgt Ion:178	Resp:	10269
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.3 22.9
179	14.5	12.2 18.4





#25

Fluoranthene-d10

Concen: 0.340 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

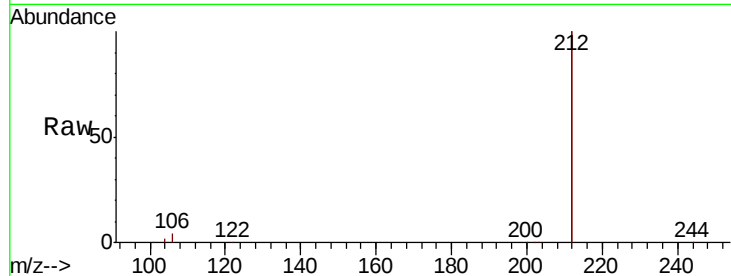
ClientSampleId :

PB119482BSD

Tot Ion:	212	Resp:	58183
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.4	2.0
104	1.1	0.8	1.2

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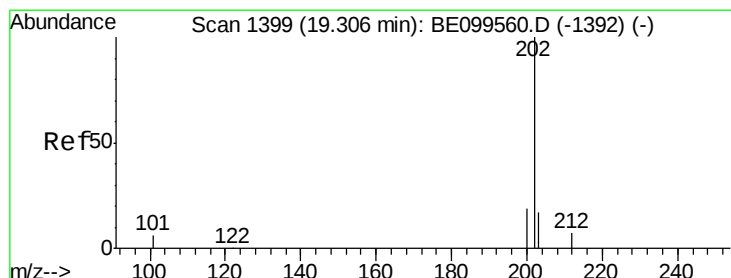
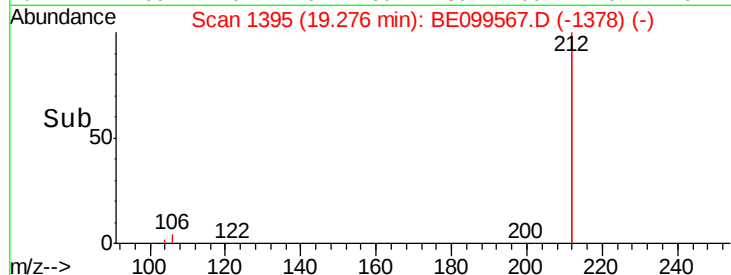
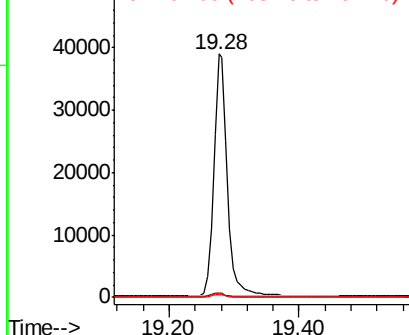


Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.356 ng

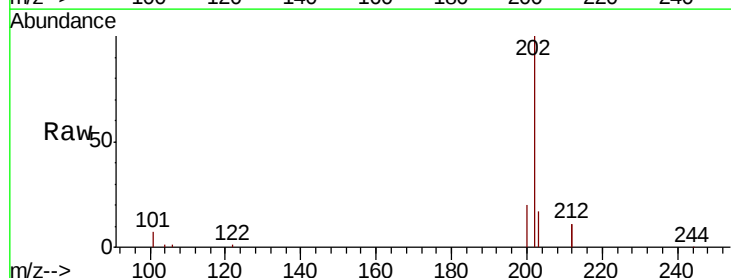
RT: 19.30 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Tgt Ion:	202	Resp:	17183
Ion Ratio	Lower	Upper	
202	100		
101	6.7	5.3	7.9
203	17.1	13.4	20.2

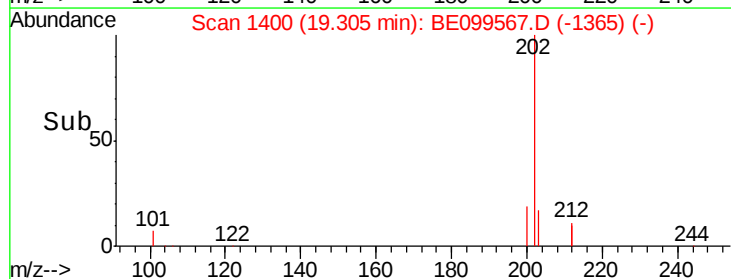
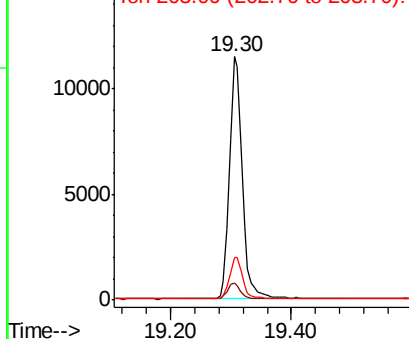


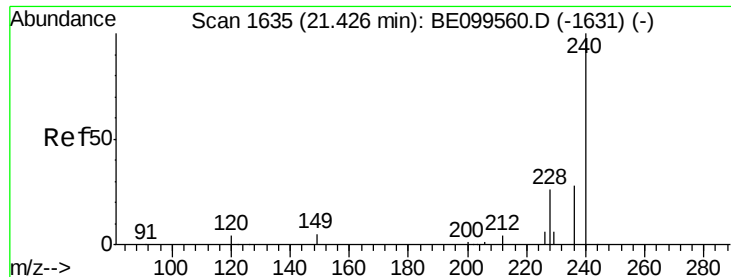
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

PB119482BSD

Tot Ion:240 Resp: 18276

Ion Ratio Lower Upper

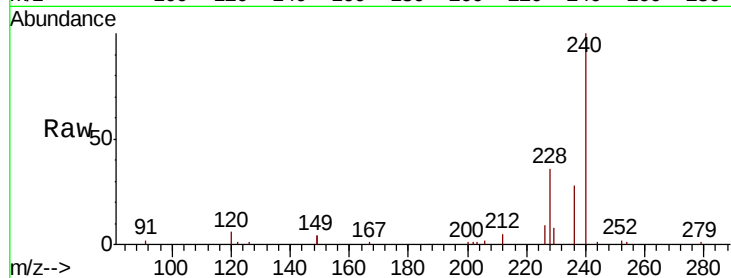
240 100

120 5.8 3.8 5.6#

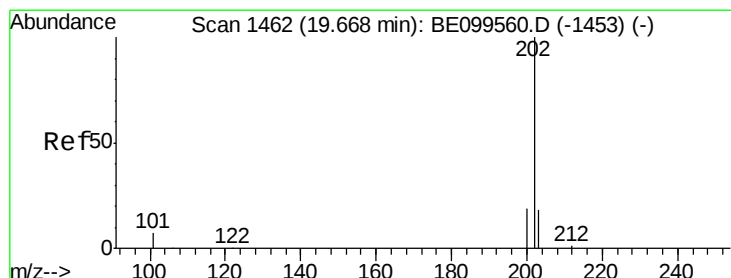
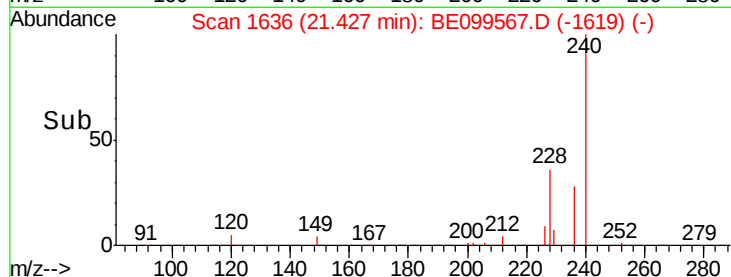
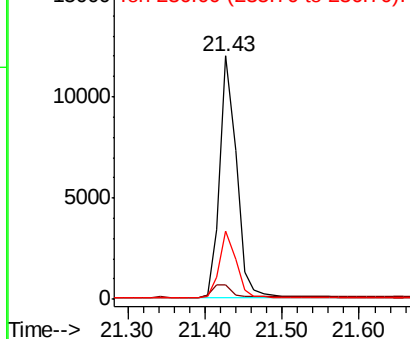
236 28.2 22.5 33.7

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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: 0.370 ng

RT: 19.67 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

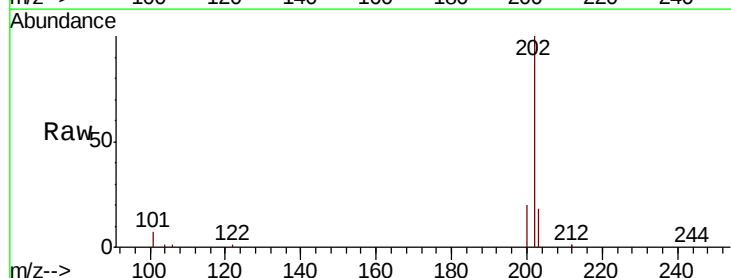
Tgt Ion:202 Resp: 18131

Ion Ratio Lower Upper

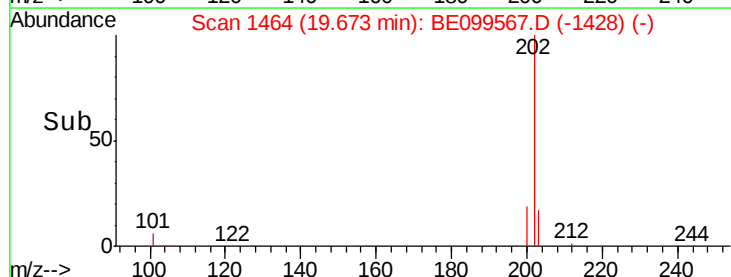
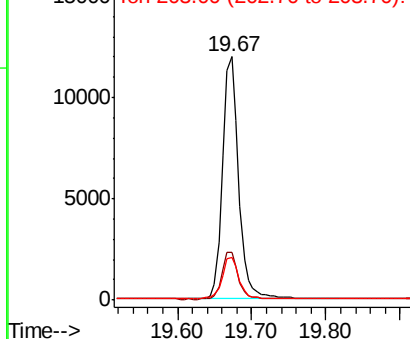
202 100

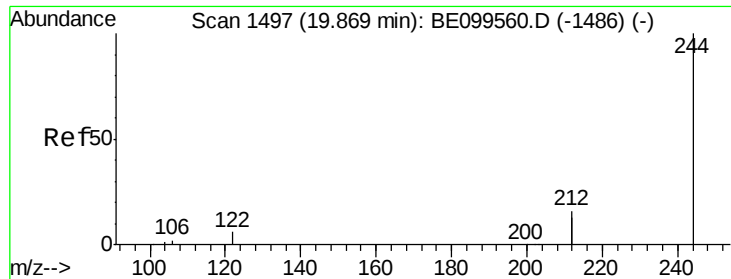
200 19.3 15.8 23.6

203 18.1 14.1 21.1



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: 0.371 ng

RT: 19.87 min Scan# 1499

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

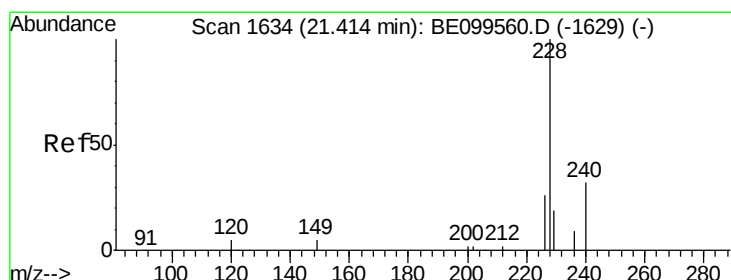
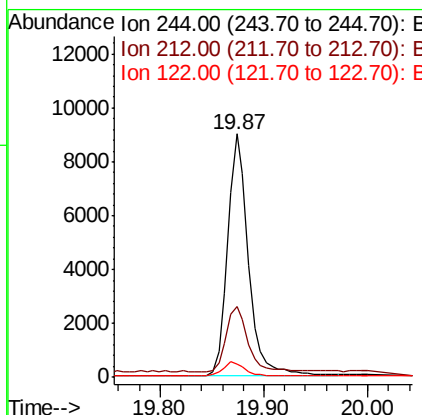
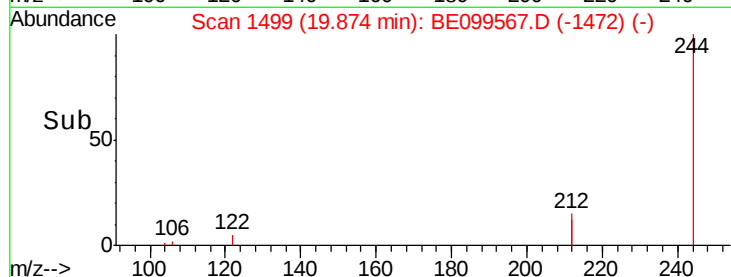
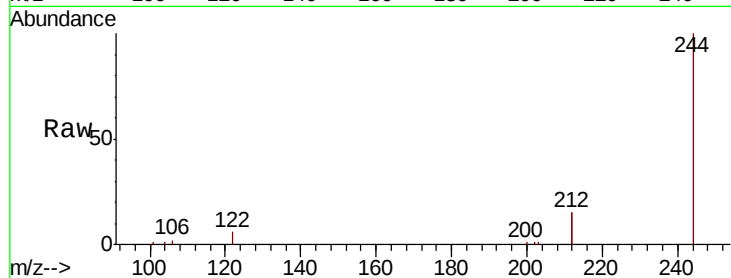
ClientSampleId :

PB119482BSD

Tot Ion:	244	Resp:	12571
Ion Ratio	Lower	Upper	
244	100		
212	29.3	24.6	37.0
122	5.6	5.0	7.6

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#30

Benzo(a)anthracene

Concen: 0.392 ng

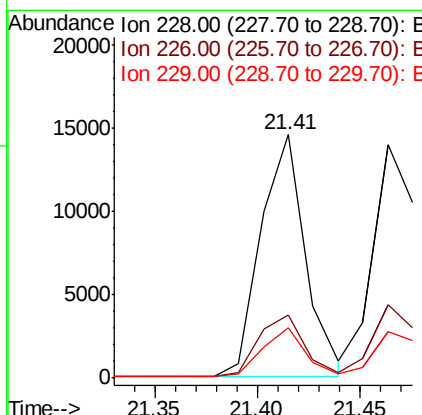
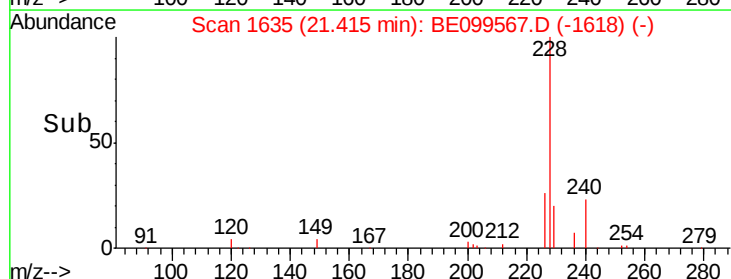
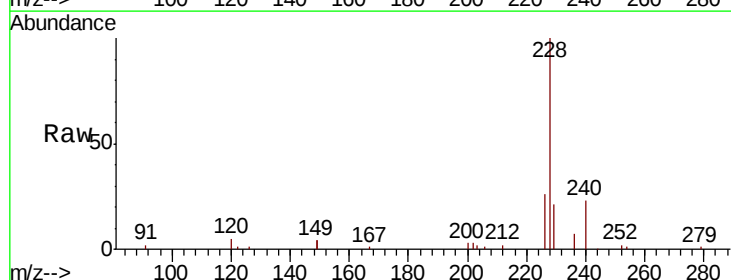
RT: 21.41 min Scan# 1635

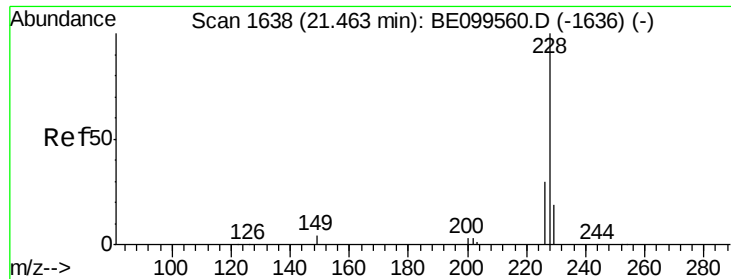
Delta R.T. 0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Tgt Ion:	228	Resp:	22176
Ion Ratio	Lower	Upper	
228	100		
226	26.0	20.9	31.3
229	20.6	16.1	24.1





#31

Chrysene

Concen: 0.390 ng

RT: 21.46 min Scan# 1639

Delta R.T. 0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

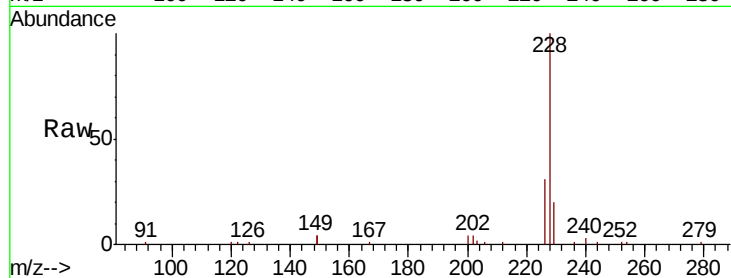
ClientSampleId :

PB119482BSD

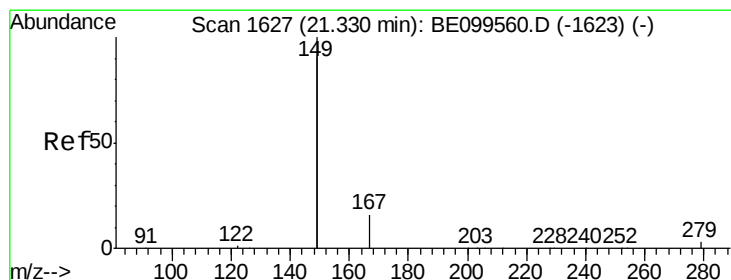
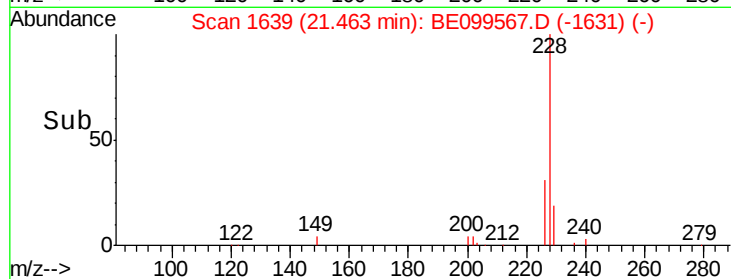
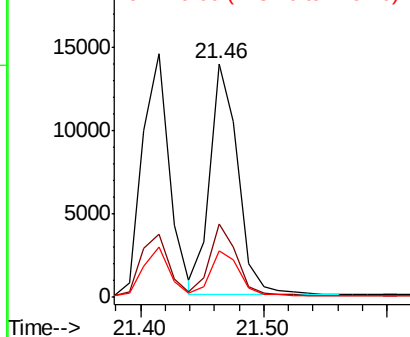
Tot Ion:	228	Resp:	21799
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.2	36.4
229	19.7	15.8	23.6

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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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.369 ng

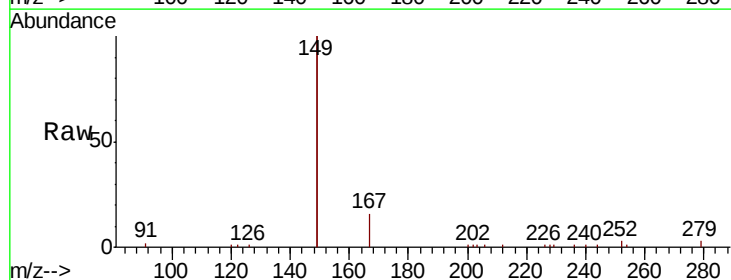
RT: 21.33 min Scan# 1628

Delta R.T. 0.00 min

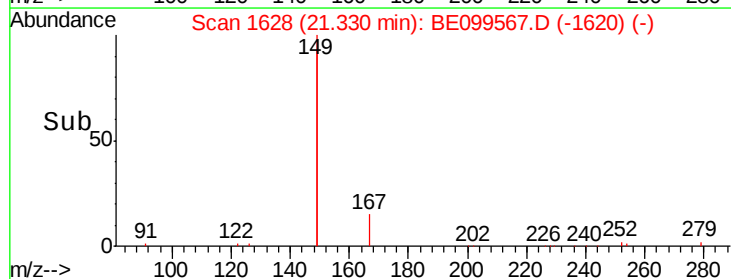
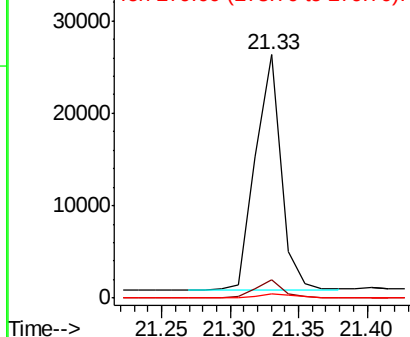
Lab File: BE099567.D

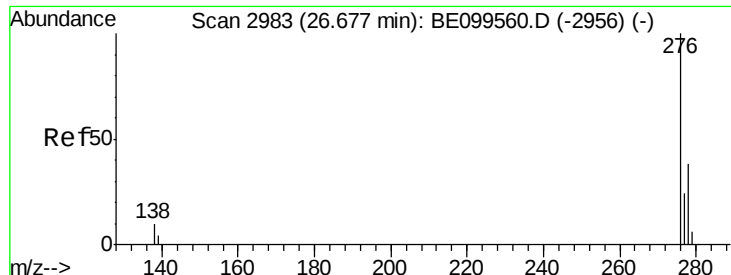
Acq: 7 May 2019 16:12

Tgt Ion:	149	Resp:	33103
Ion Ratio	Lower	Upper	
149	100		
167	7.4	6.1	9.1
279	1.5	1.3	1.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





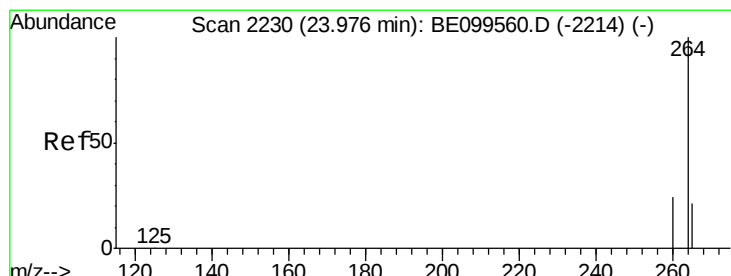
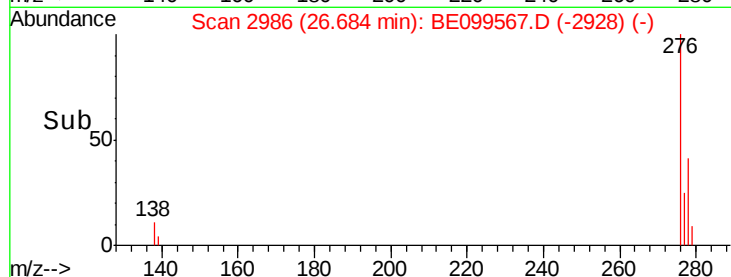
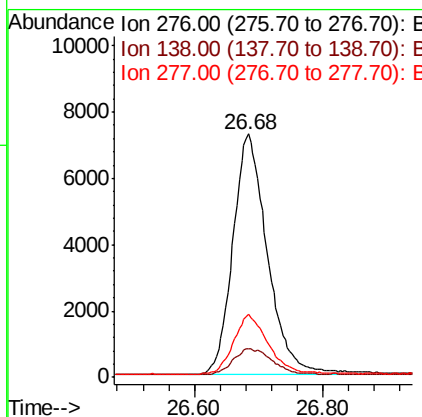
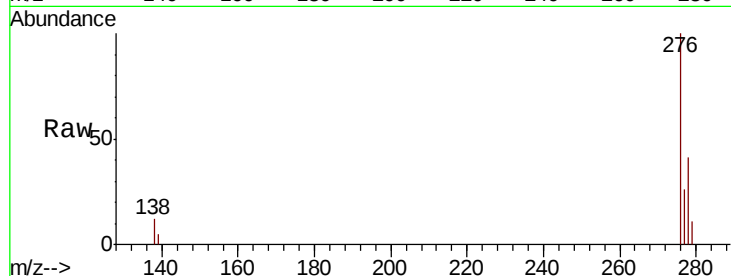
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng
RT: 26.68 min Scan# 2986
Delta R.T. 0.01 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.2	9.5	14.3
277	24.5	19.7	29.5

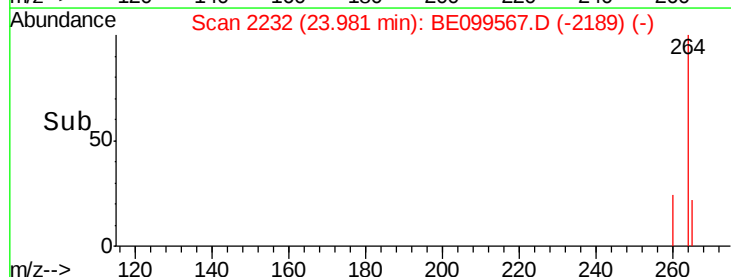
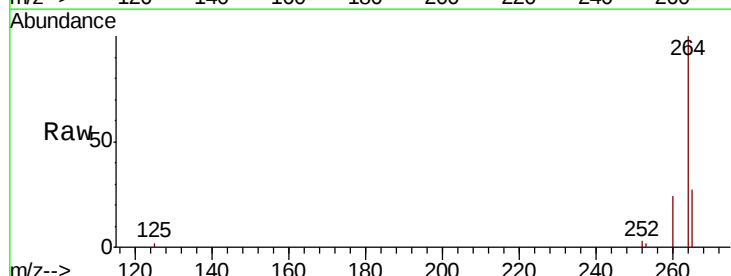
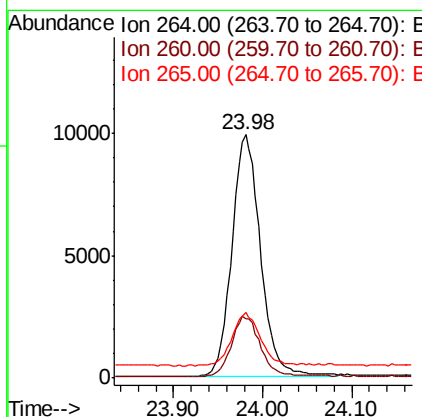
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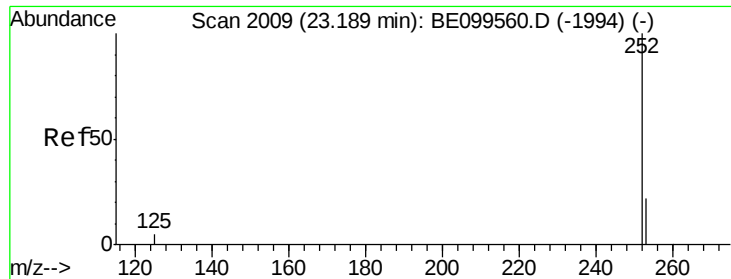
mohammad
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	26.8	22.2	33.2





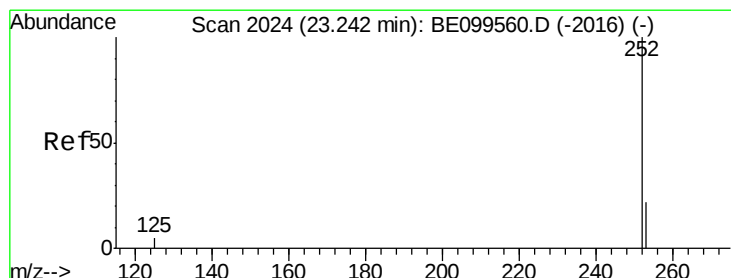
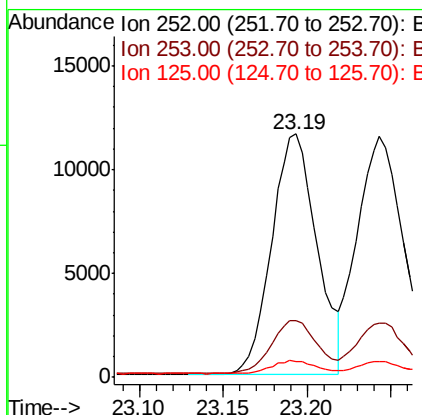
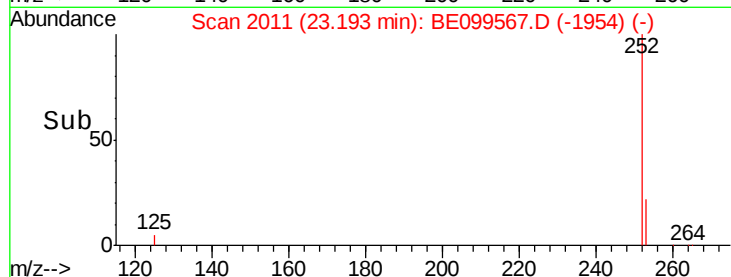
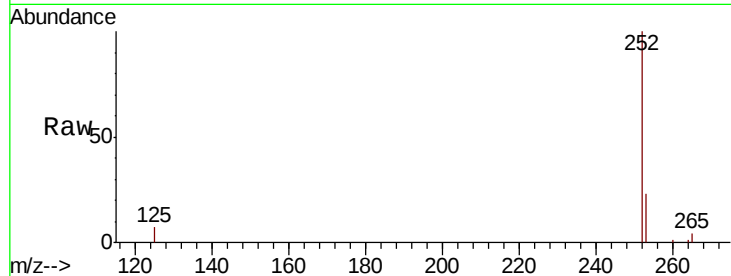
#35
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 23.19 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.4
125	6.7	5.8	8.6

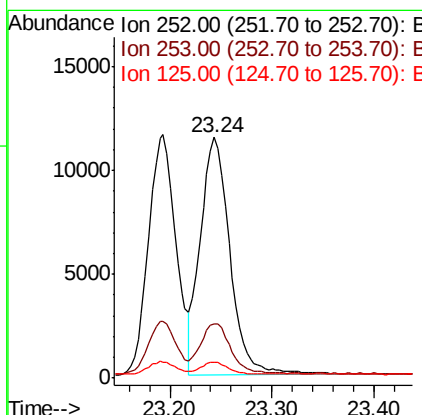
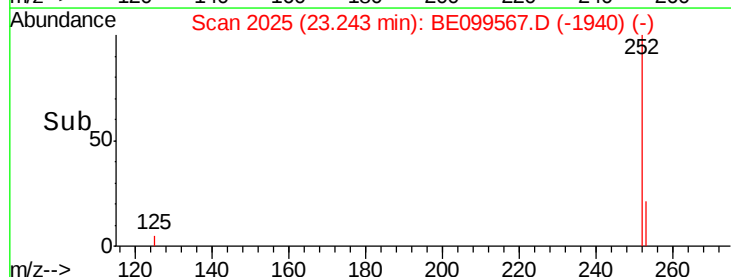
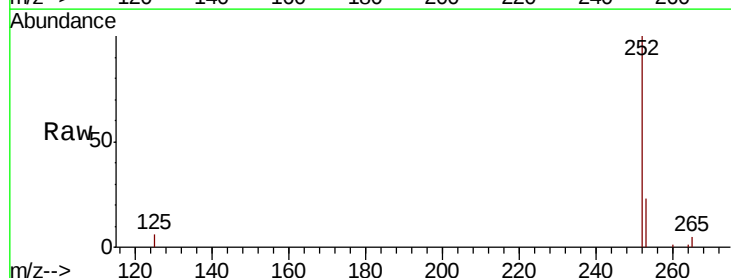
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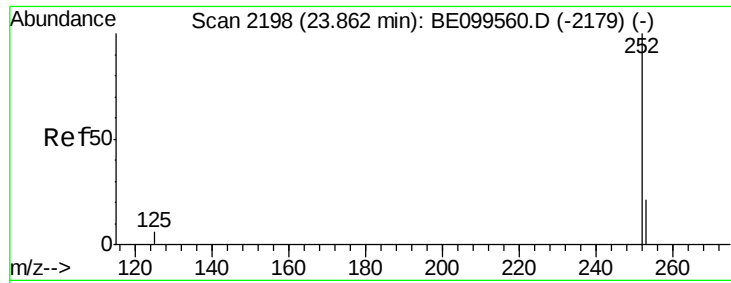
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#36
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 23.24 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.1	28.7
125	6.5	5.8	8.6





#37

Benzo(a)pyrene

Concen: 0.375 ng

RT: 23.86 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

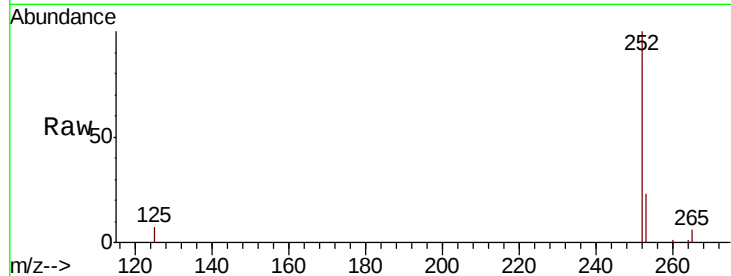
ClientSampleId :

PB119482BSD

Tot Ion:	252	Resp:	21929
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.9	28.3
125	6.9	6.6	9.8

Manual Integrations
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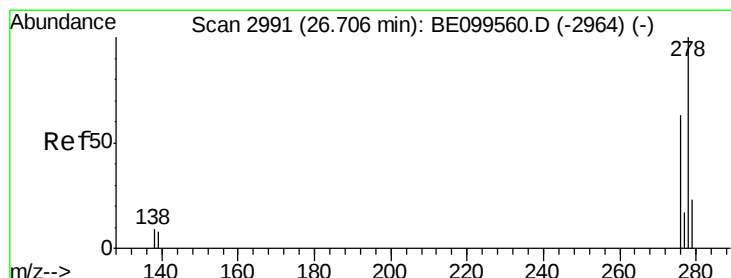
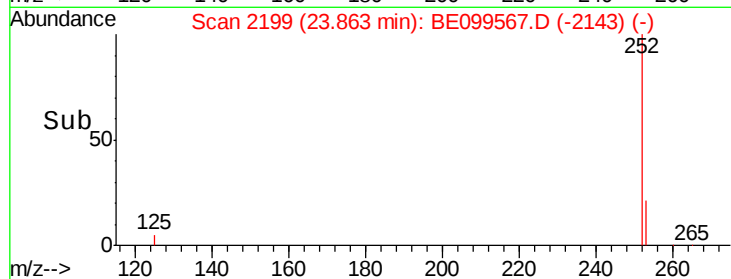
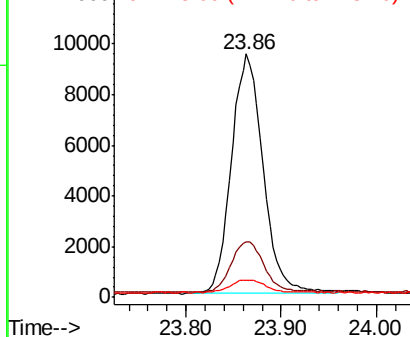


Abundance

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: 0.370 ng

RT: 26.71 min Scan# 2994

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

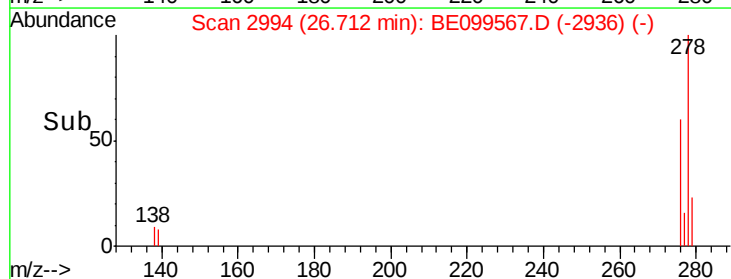
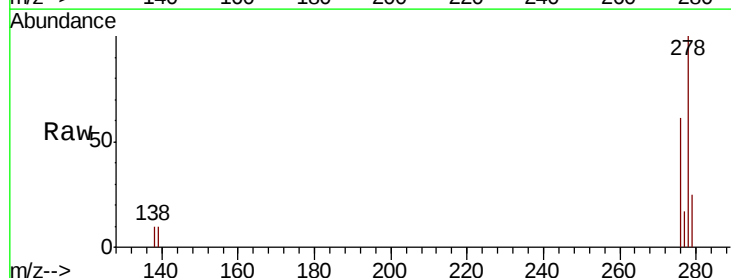
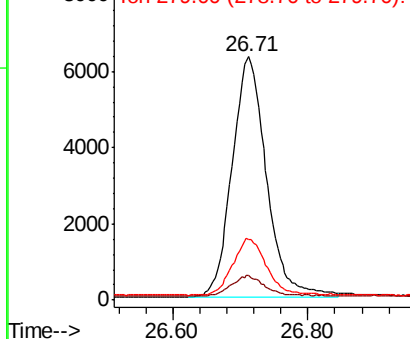
Tgt Ion:	278	Resp:	22372
Ion Ratio	Lower	Upper	
278	100		
139	10.0	7.7	11.5
279	24.9	21.0	31.4

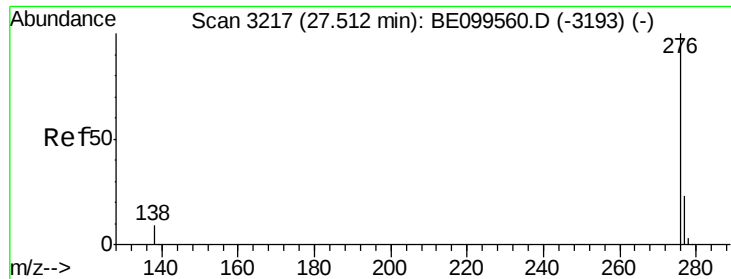
Abundance

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: 0.384 ng

RT: 27.52 min Scan# 3220

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

PB119482BSD

Tot Ion: 276 Resp: 23225

Ion Ratio Lower Upper

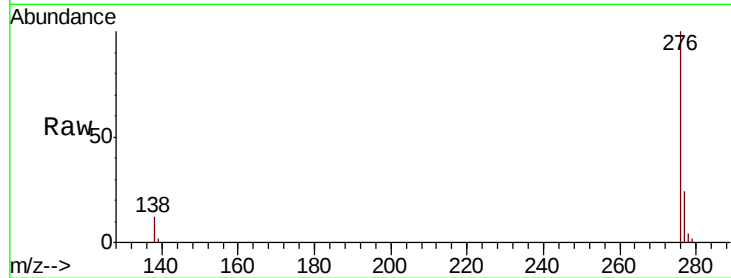
276 100

277 24.3 19.7 29.5

138 11.6 8.6 12.8

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

