

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
 Data File : BE099914.D
 Acq On : 11 Jun 2019 9:06
 Operator : JU/SJ
 Sample : PB120391BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120391BS

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:37:27 AM

Quant Time: Jun 12 03:58:20 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 10 14:57:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	855	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3035	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2104	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7194	0.40	ng	0.00
27) Chrysene-d12	21.40	240	11534	0.40	ng	0.00
34) Perylene-d12	23.93	264	12873	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.37	112	737	0.32	ng	0.01
5) Phenol-d6	6.97	99	888	0.30	ng	0.00
8) Nitrobenzene-d5	8.96	82	895	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2439	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	343	0.22	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2706	0.34	ng	0.00
25) Fluoranthene-d10	19.25	212	37127	0.35	ng	0.00
29) Terphenyl-d14	19.85	244	7999	0.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	443	0.350	ng	# 33
3) n-Nitrosodimethylamine	3.60	42	250	0.343	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	821	0.338	ng	95
9) Naphthalene	10.65	128	11485	0.351	ng	99
10) Hexachlorobutadiene	10.93	225	886	0.355	ng	99
12) 2-Methylnaphthalene	12.28	142	1842	0.346	ng	96
16) Acenaphthylene	14.20	152	3508	0.335	ng	98
17) Acenaphthene	14.53	154	1925	0.338	ng	97
18) Fluorene	15.51	166	2989	0.349	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	1398	0.343	ng	95
21) Hexachlorobenzene	16.52	284	1373	0.330	ng	97
22) Pentachlorophenol	16.95	266	134	0.367	ng	94
23) Phenanthrene	17.26	178	5935	0.340	ng	99
24) Anthracene	17.35	178	5208	0.325	ng	99
26) Fluoranthene	19.28	202	10930	0.368	ng	99
28) Pyrene	19.64	202	11560	0.381	ng	100
30) Benzo(a)anthracene	21.38	228	13681	0.397	ng	99
31) Chrysene	21.44	228	13598	0.382	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	16941	0.342	ng	99
33) Indeno(1,2,3-cd)pyrene	26.61	276	16060	0.380	ng	# 94
35) Benzo(b)fluoranthene	23.15	252	13562m	0.376	ng	
36) Benzo(k)fluoranthene	23.20	252	14785	0.392	ng	100
37) Benzo(a)pyrene	23.81	252	13475	0.379	ng	# 96
38) Dibenzo(a,h)anthracene	26.64	278	12720	0.355	ng	98
39) Benzo(g,h,i)perylene	27.44	276	13698	0.370	ng	100

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

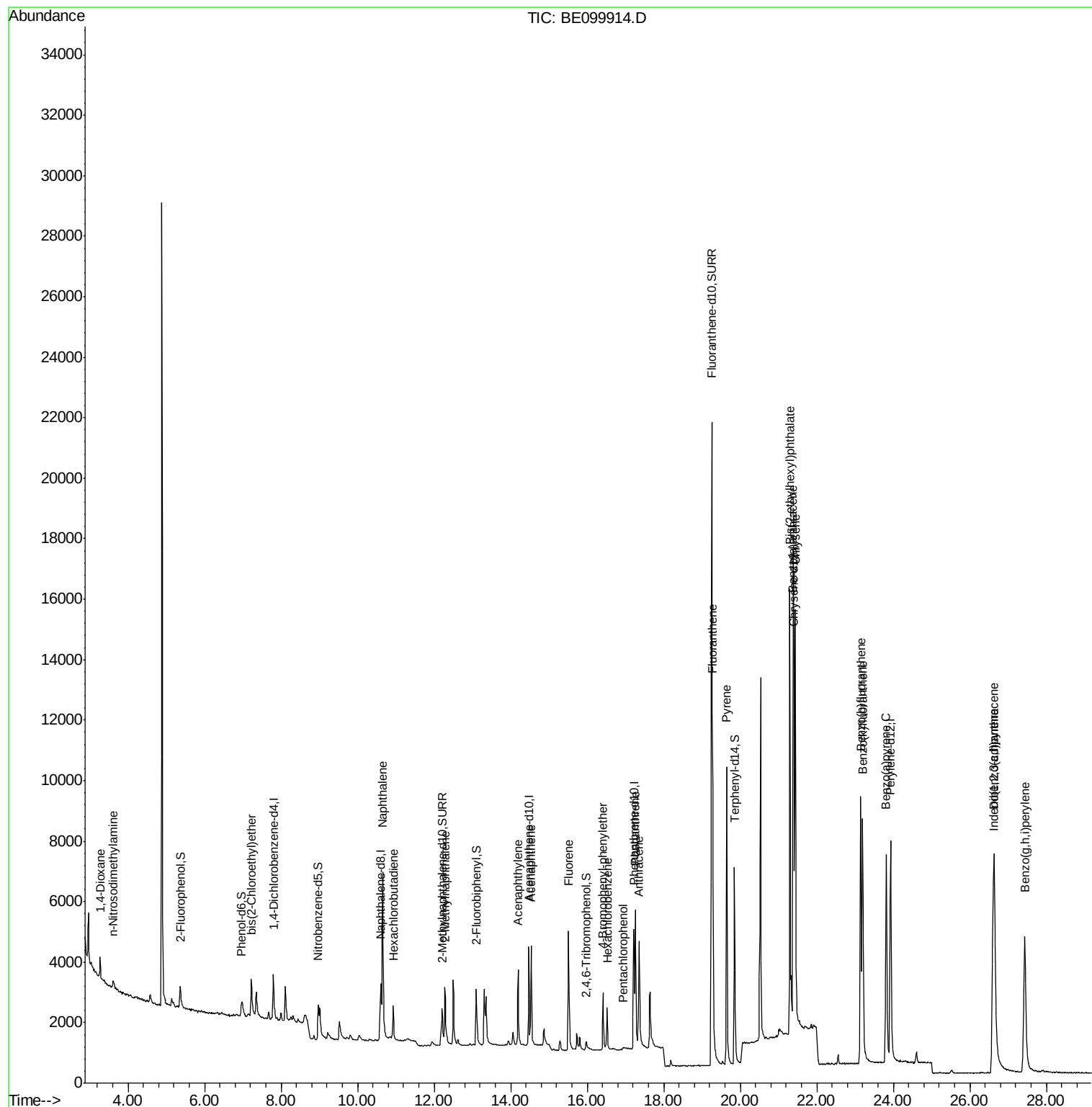
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
Data File : BE099914.D
Acq On : 11 Jun 2019 9:06
Operator : JU/SJ
Sample : PB120391BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

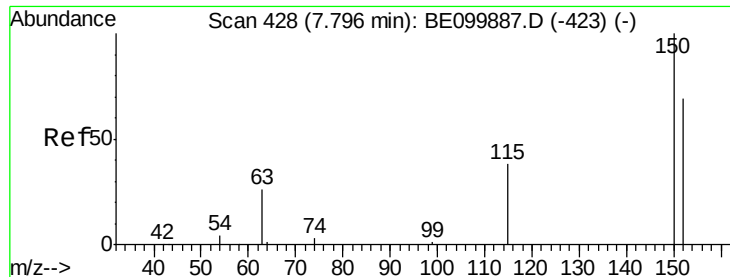
Instrument :
BNA_E
ClientSampleId :
PB120391BS

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6/14/2019 8:37:27 AM

Quant Time: Jun 12 03:58:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
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#1

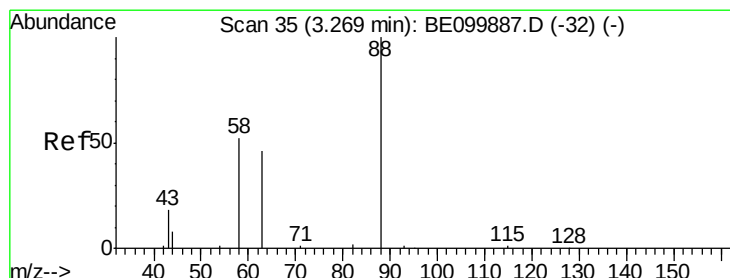
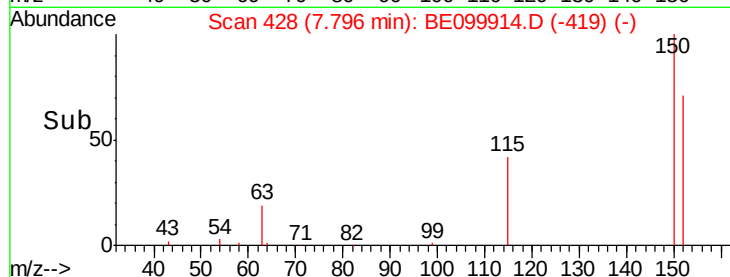
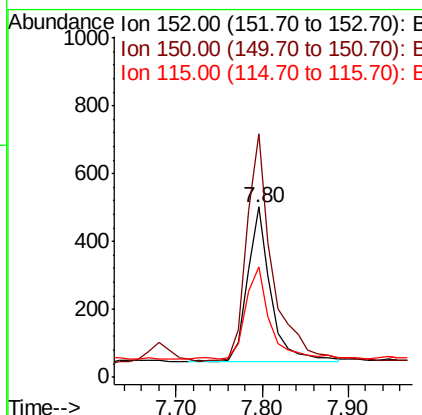
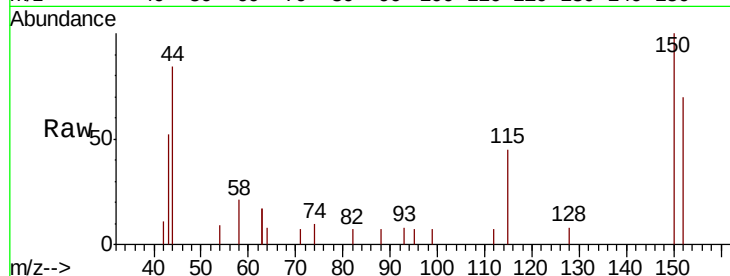
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.1	111.0	166.6
115	64.7	50.7	76.1

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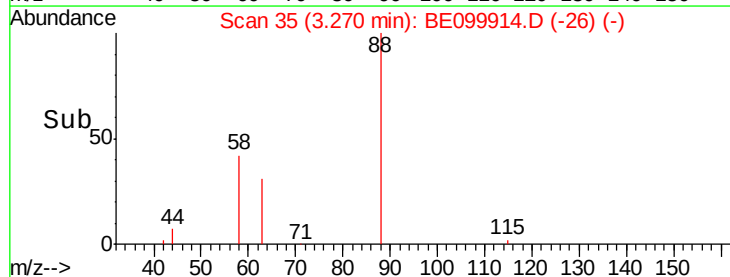
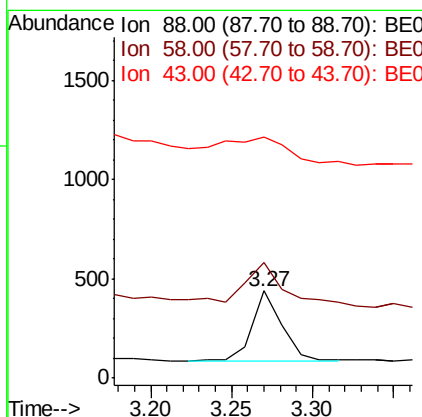
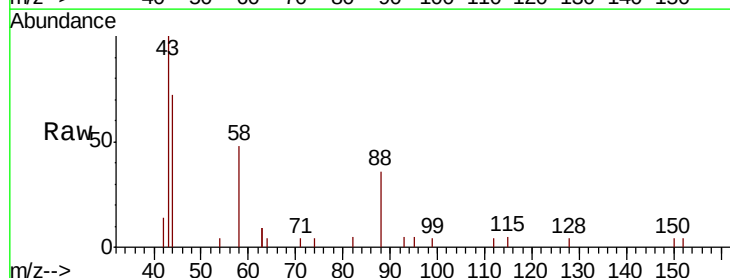
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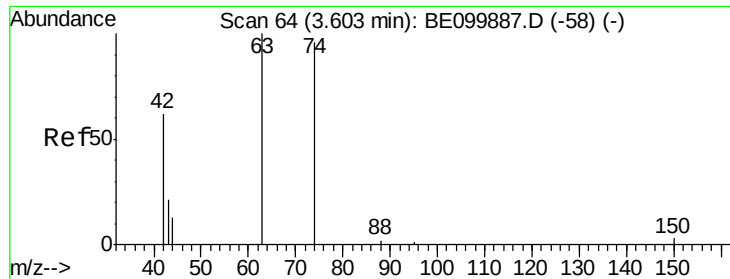


#2

1,4-Dioxane
Concen: 0.350 ng
RT: 3.27 min Scan# 35
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.3	48.8	73.2#
43	101.8	19.0	28.6#





#3

n-Nitrosodimethylamine

Concen: 0.343 ng

RT: 3.60 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

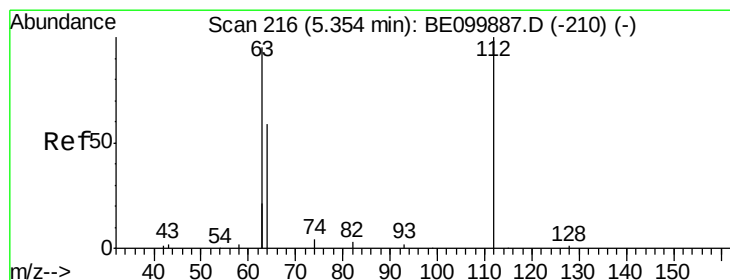
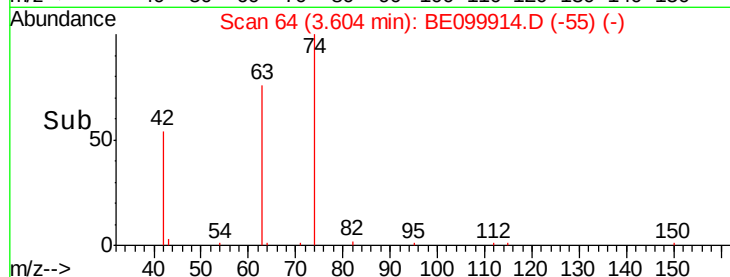
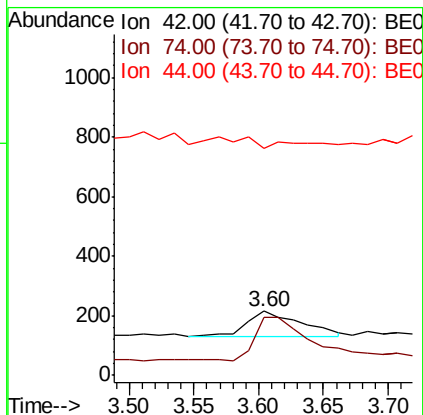
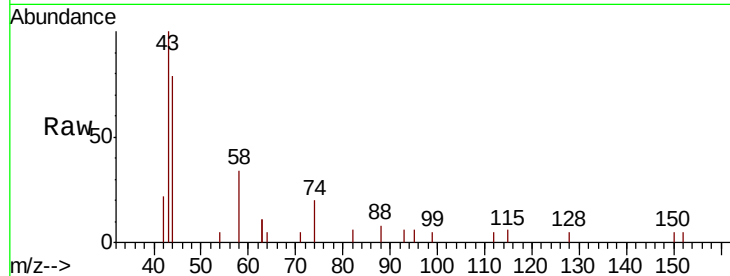
ClientSampled :

PB120391BS

Tot Ion:	42	Resp:	250
Ion	Ratio	Lower	Upper
42	100		
74	160.8	0.0	0.0#
44	26.4	0.0	0.0#

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#4

2-Fluorophenol

Concen: 0.319 ng

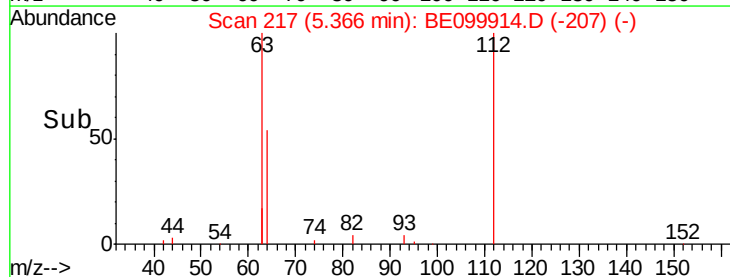
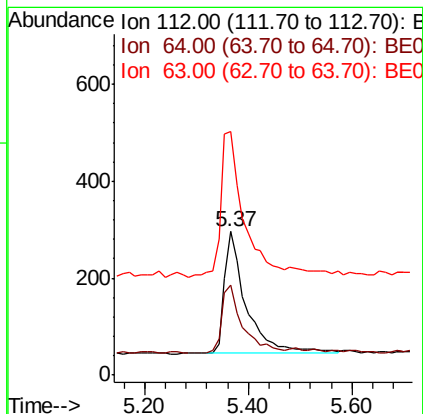
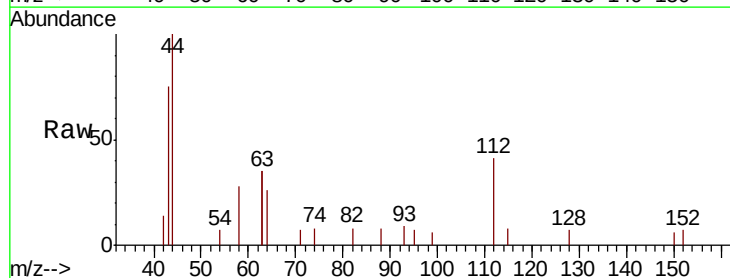
RT: 5.37 min Scan# 217

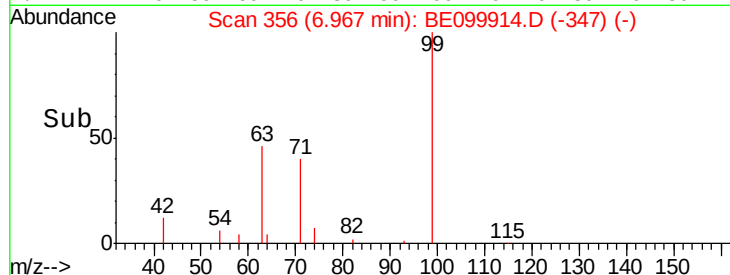
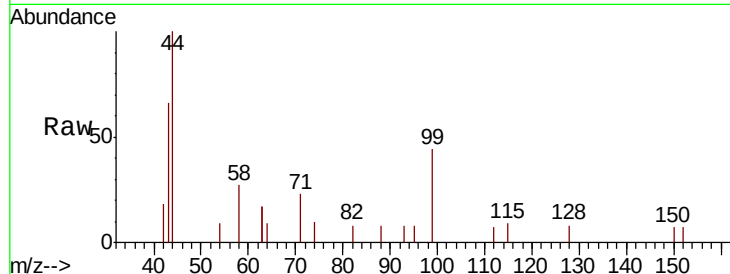
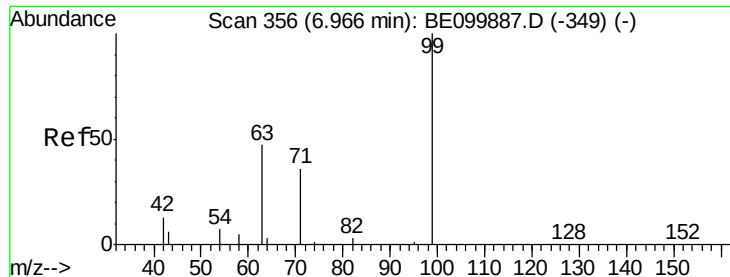
Delta R.T. 0.01 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Tgt Ion:	112	Resp:	737
Ion	Ratio	Lower	Upper
112	100		
64	50.9	44.1	66.1
63	122.7	87.8	131.6





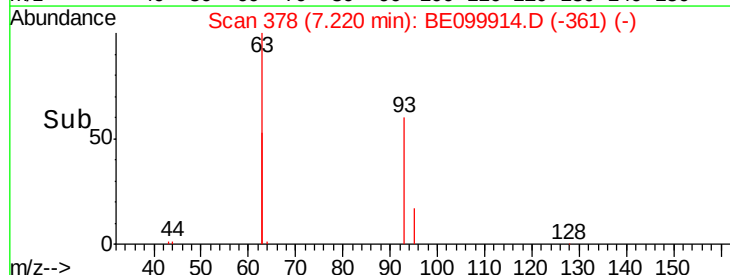
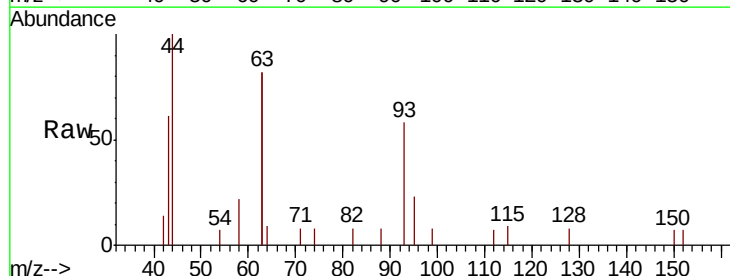
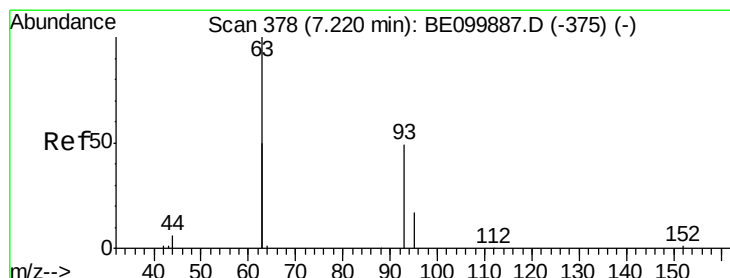
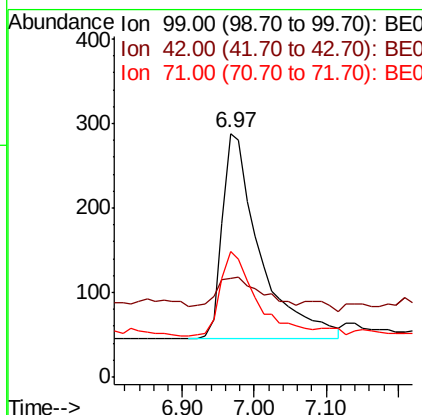
#5
Phenol-d6
Concen: 0.299 ng
RT: 6.97 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tot Ion	Ratio	Lower	Upper
99	100		
42	15.4	15.9	23.9#
71	38.7	34.6	52.0

Instrument :
BNA_E
ClientSampleId :
PB120391BS

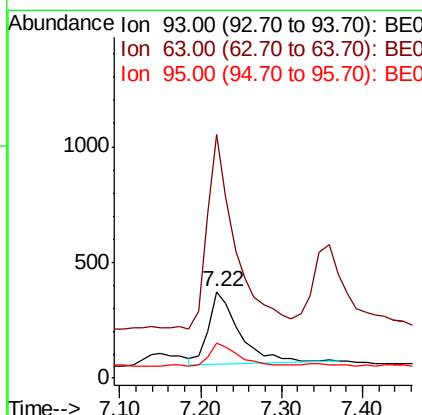
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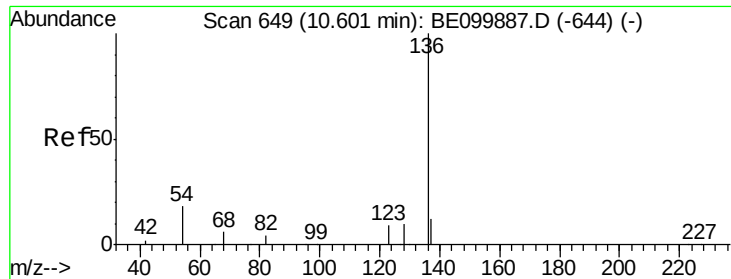
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#6
bis(2-Chloroethyl)ether
Concen: 0.338 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
93	100		
63	244.7	202.8	304.2
95	31.8	23.7	35.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

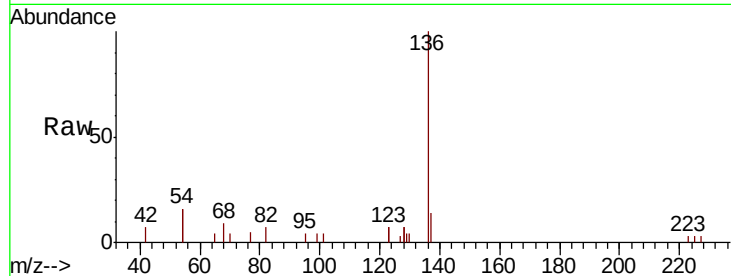
ClientSampleId :

PB120391BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.9	12.3	18.5
54	32.3	28.2	42.4
68	8.8	7.8	11.8

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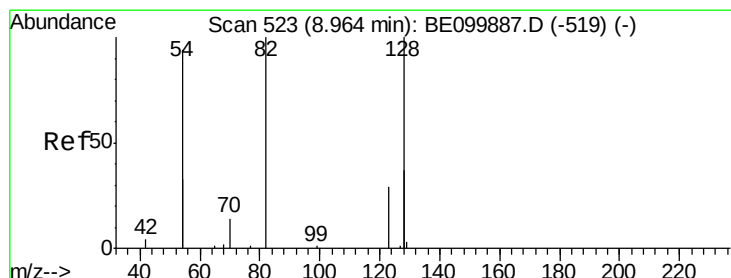
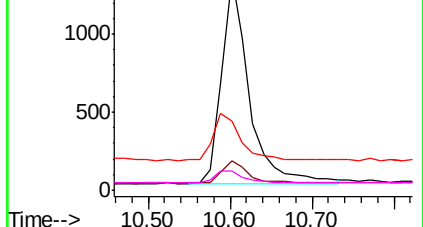
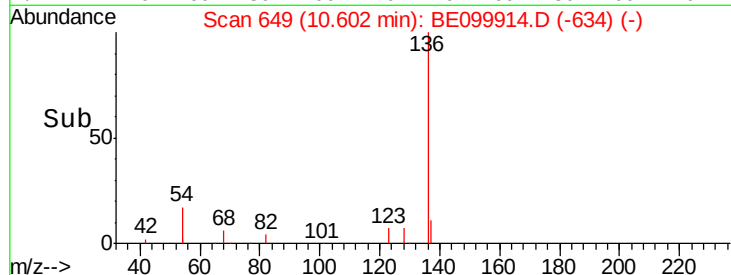


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.311 ng

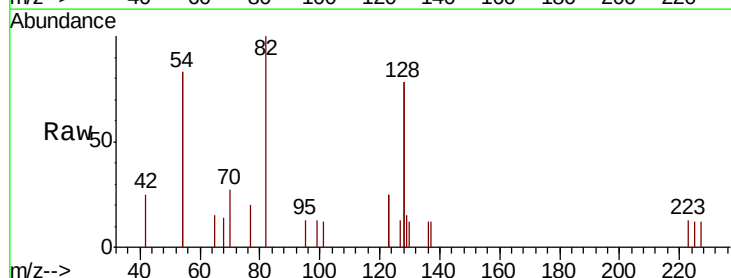
RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

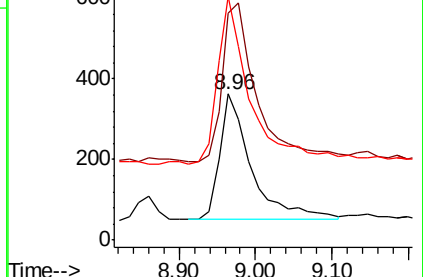
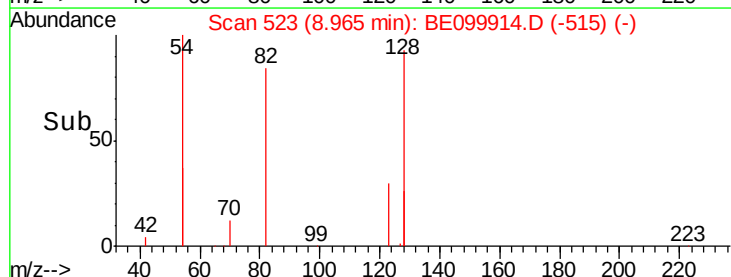
Tgt Ion	Ratio	Lower	Upper
82	100		
128	155.4	137.3	205.9
54	166.4	129.7	194.5

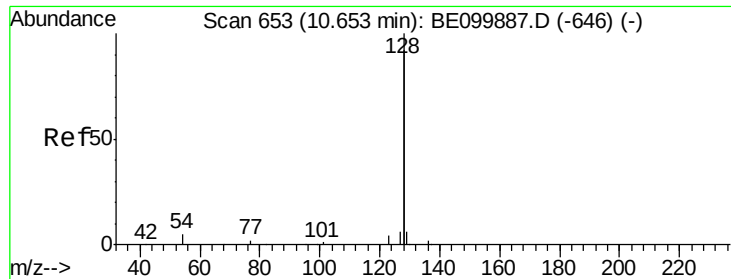


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.351 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

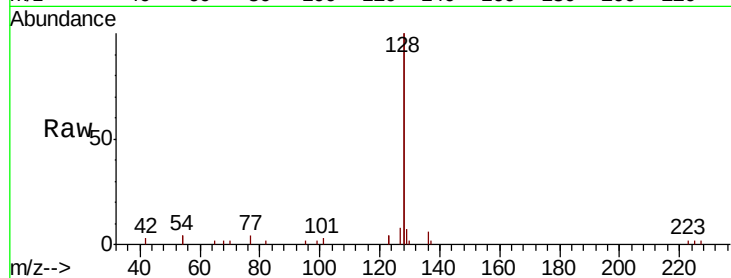
ClientSampleId :

PB120391BS

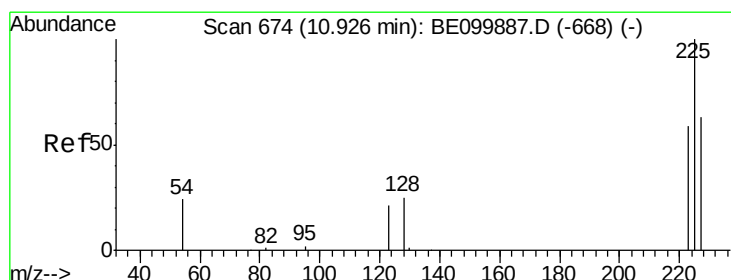
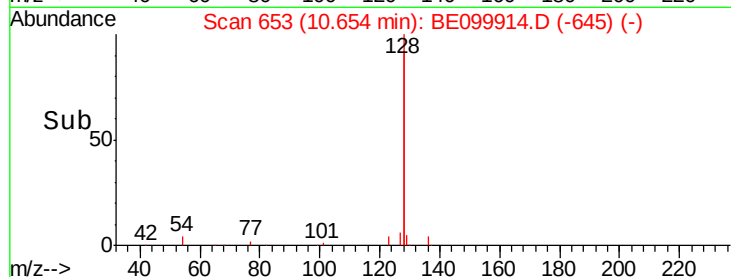
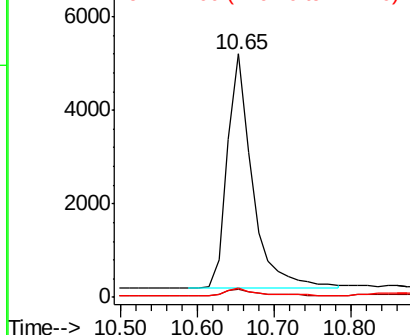
Tot Ion	128	Resp	11485
Ion Ratio	Lower	Upper	
128	100		
129	3.5	3.0	4.6
127	4.0	3.4	5.0

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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: 0.355 ng

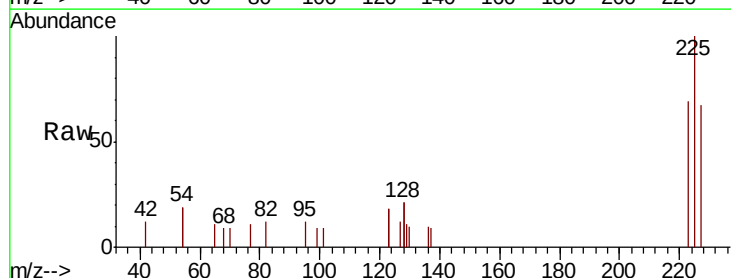
RT: 10.93 min Scan# 674

Delta R.T. 0.00 min

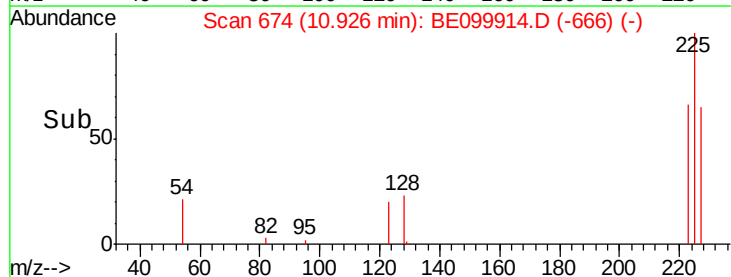
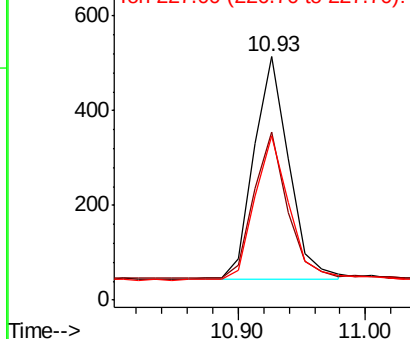
Lab File: BE099914.D

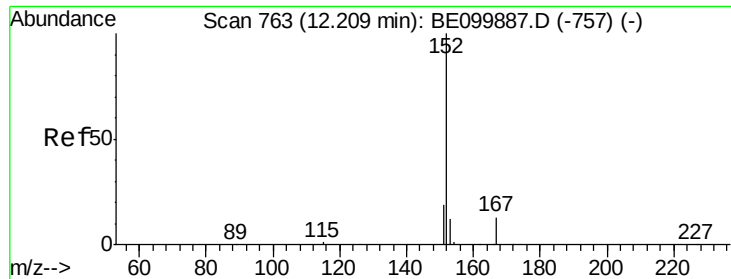
Acq: 11 Jun 2019 9:06

Tgt Ion	225	Resp	886
Ion Ratio	Lower	Upper	
225	100		
223	63.4	51.6	77.4
227	63.4	50.6	76.0



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





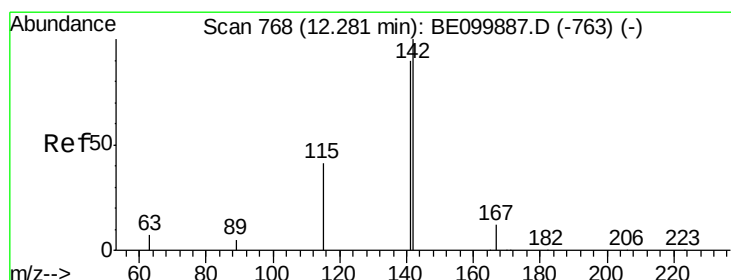
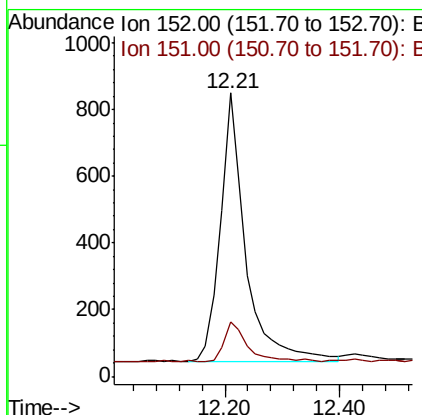
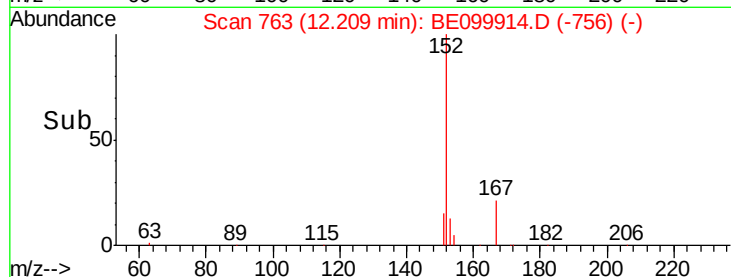
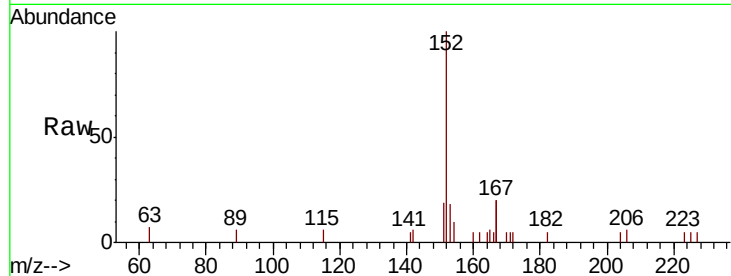
#11
2-Methylnaphthalene-d10
Concen: 0.461 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	13.3	15.2	22.8#

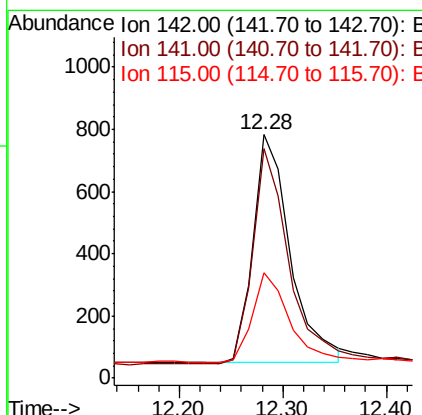
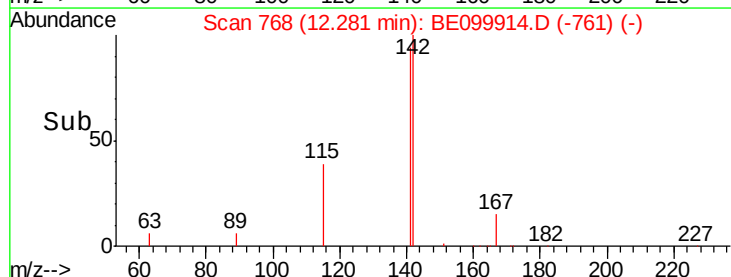
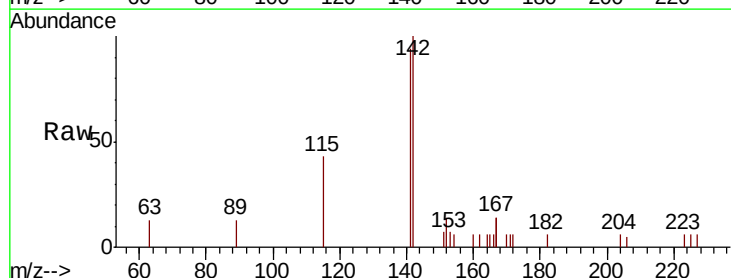
Manual Integrations
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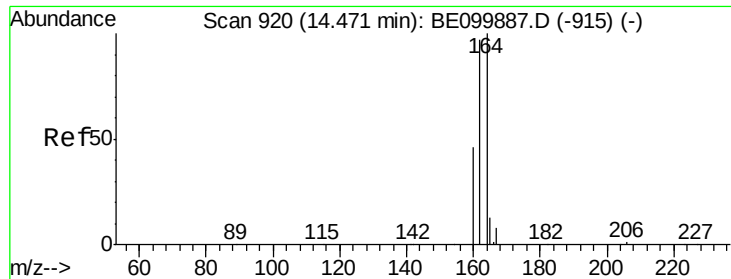
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#12
2-Methylnaphthalene
Concen: 0.346 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	72.3	108.5
115	43.2	36.4	54.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

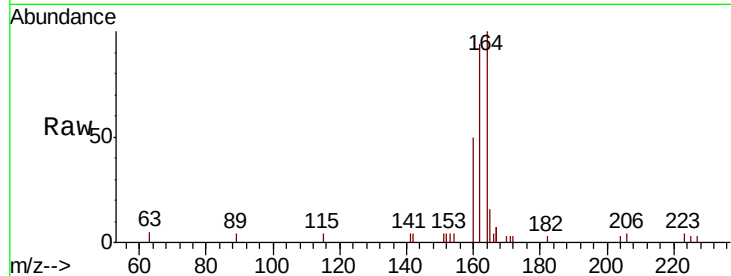
ClientSampleId :

PB120391BS

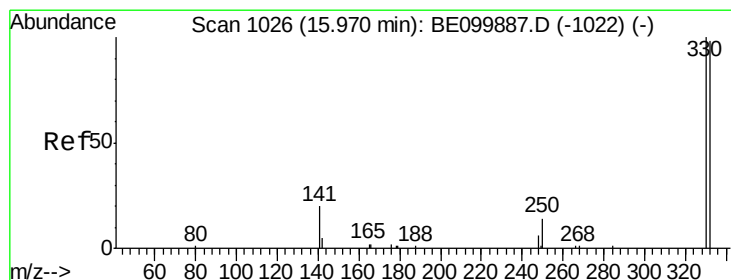
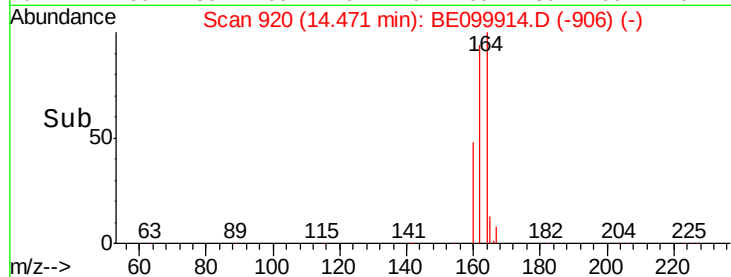
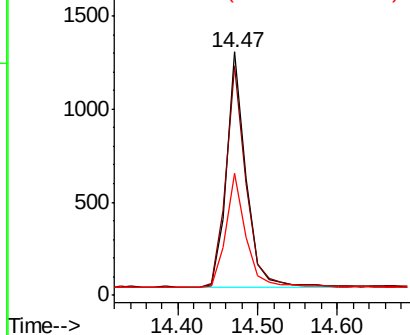
Tot Ion:	164	Resp:	2104
Ion Ratio	Lower	Upper	
164	100		
162	94.4	77.8	116.8
160	50.1	38.2	57.4

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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: 0.221 ng

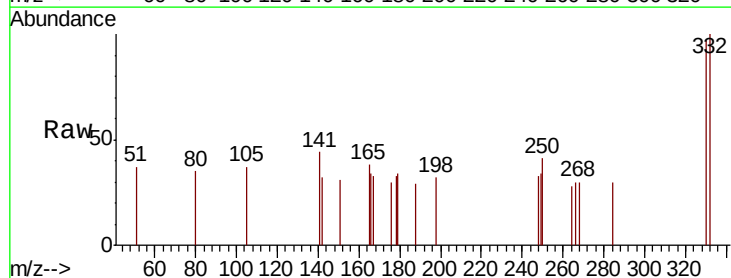
RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

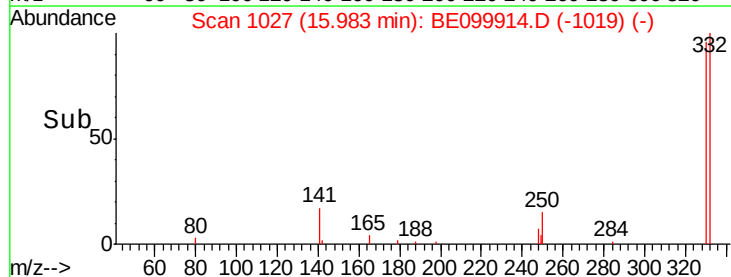
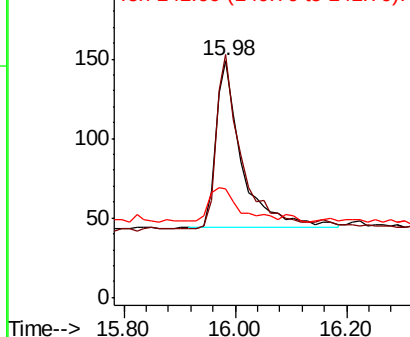
Lab File: BE099914.D

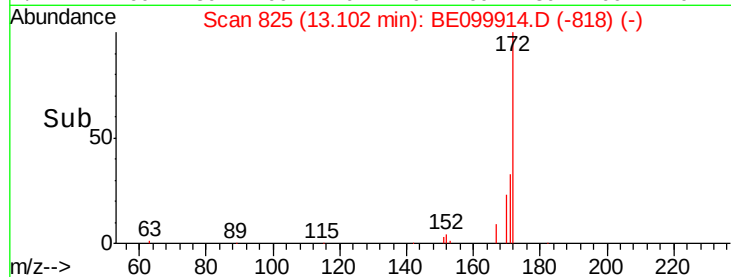
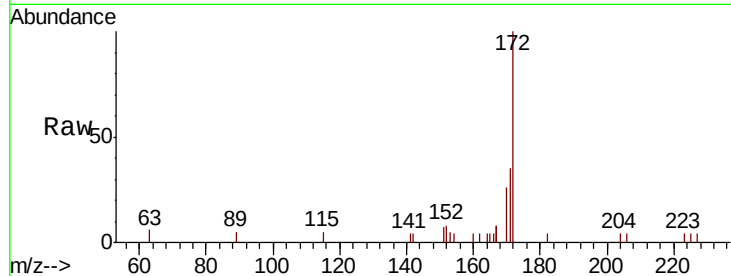
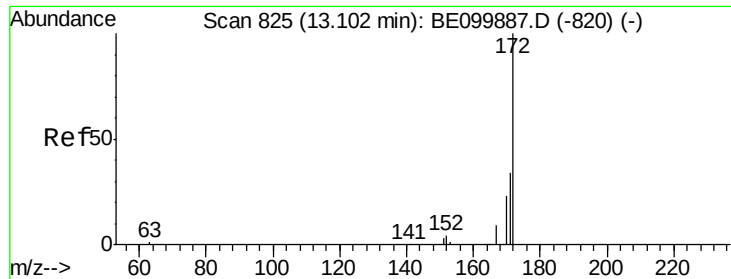
Acq: 11 Jun 2019 9:06

Tgt Ion:	330	Resp:	343
Ion Ratio	Lower	Upper	
330	100		
332	101.7	76.7	115.1
141	22.2	21.0	31.6



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





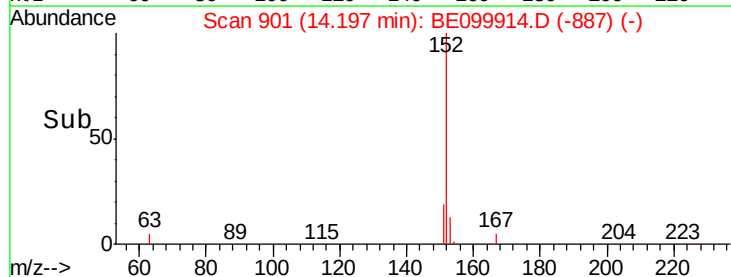
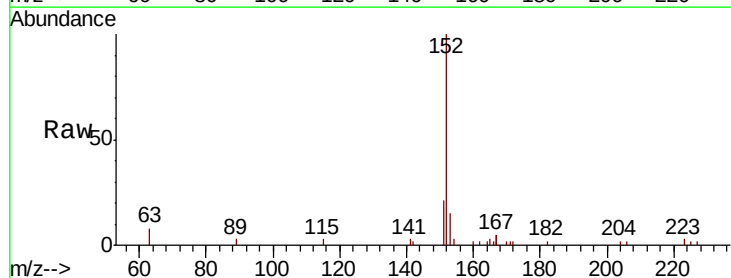
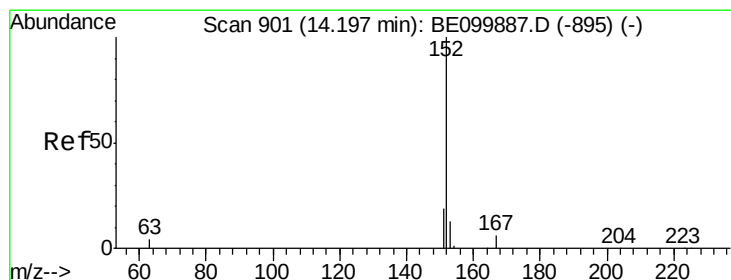
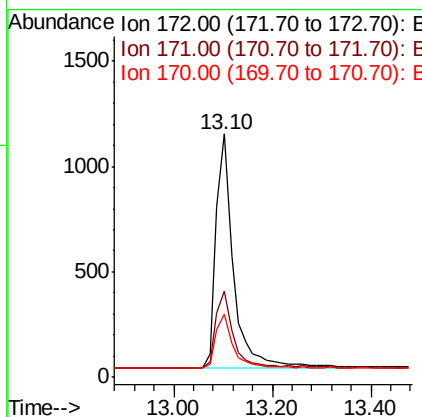
#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.2	43.8
170	25.8	21.2	31.8

Instrument :
BNA_E
ClientSampleId :
PB120391BS

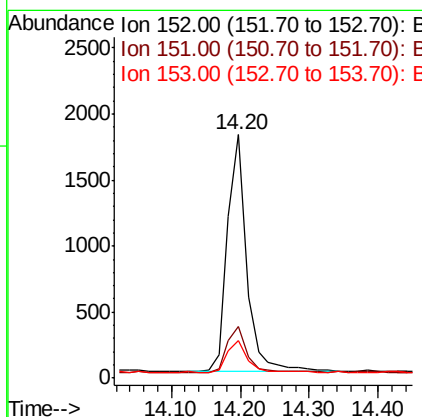
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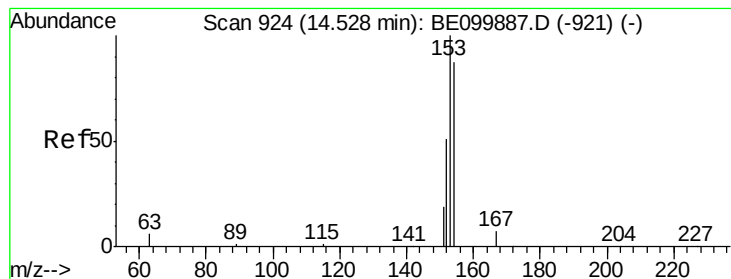
mohammad
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#16
Acenaphthylene
Concen: 0.335 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.5	23.3
153	13.4	10.2	15.2





#17

Acenaphthene

Concen: 0.338 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

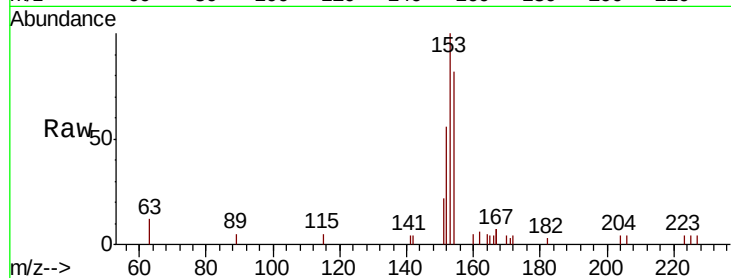
ClientSampleId :

PB120391BS

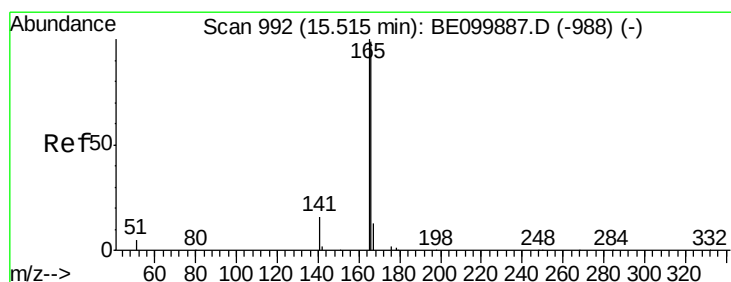
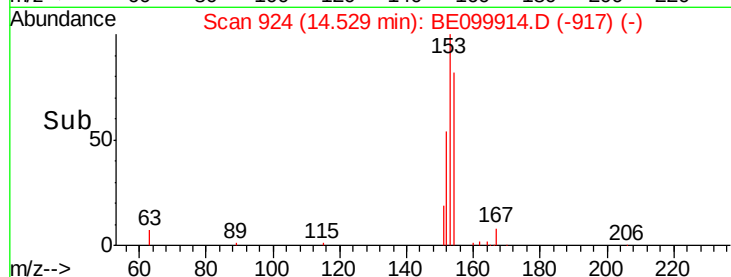
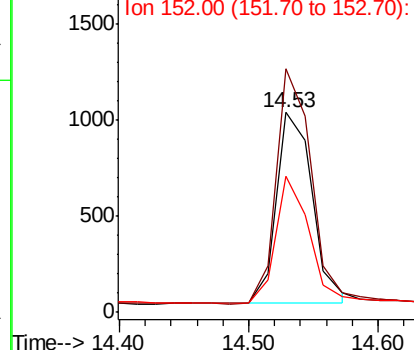
Tot Ion:	154	Resp:	1925
Ion Ratio	Lower	Upper	
154	100		
153	119.4	93.1	139.7
152	61.7	47.0	70.4

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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: 0.349 ng

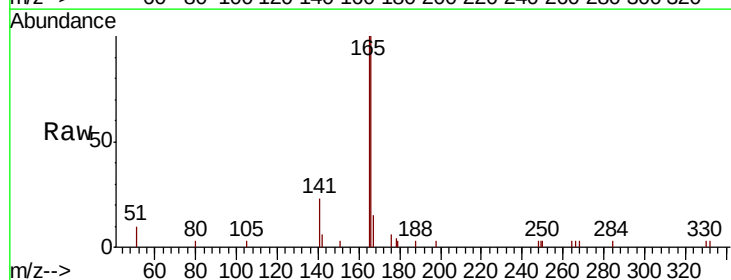
RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

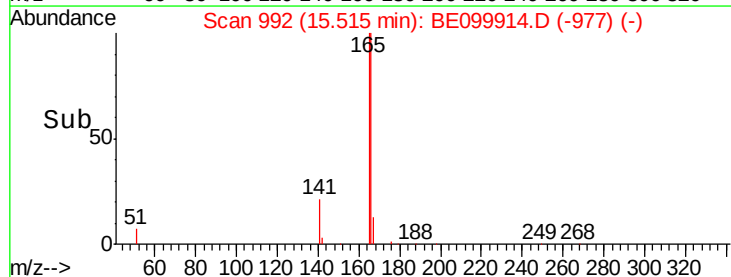
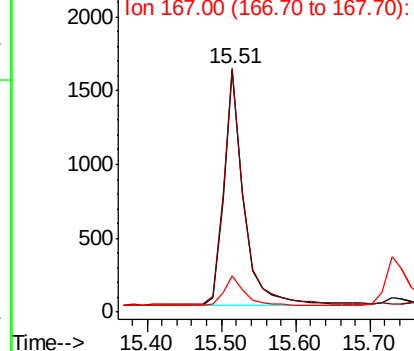
Lab File: BE099914.D

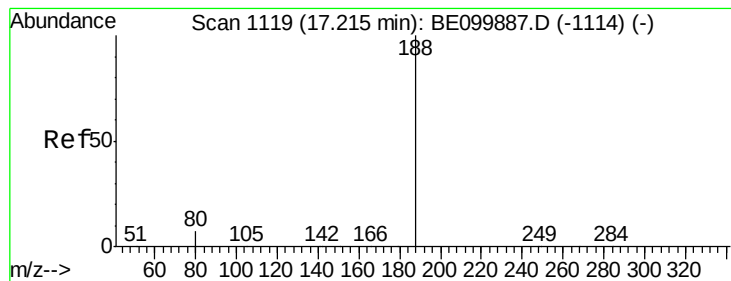
Acq: 11 Jun 2019 9:06

Tgt Ion:	166	Resp:	2989
Ion Ratio	Lower	Upper	
166	100		
165	99.8	81.8	122.8
167	13.2	11.2	16.8



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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

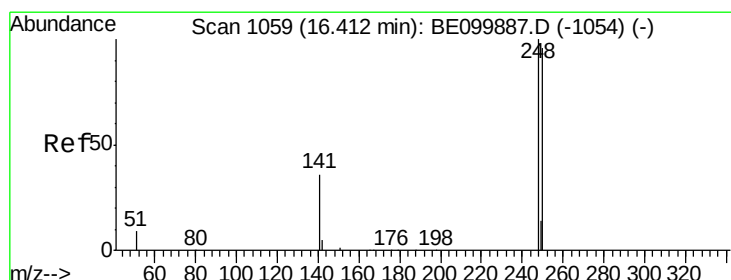
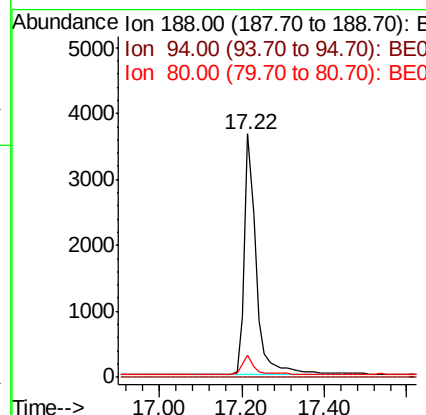
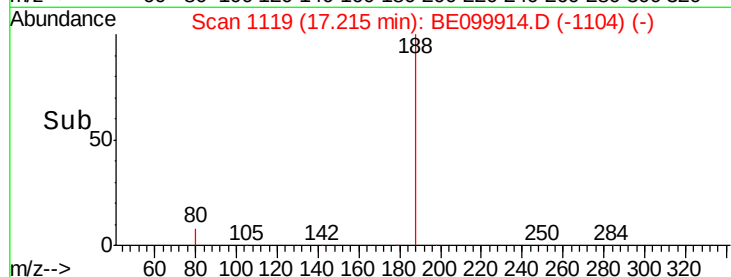
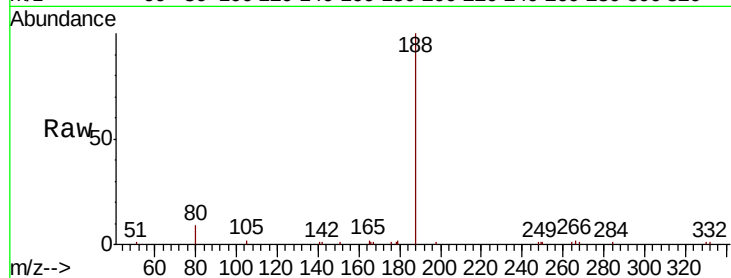
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.4	9.6

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#20

4-Bromophenyl-phenylether

Concen: 0.343 ng

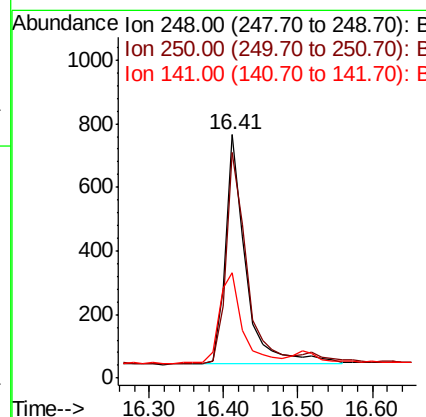
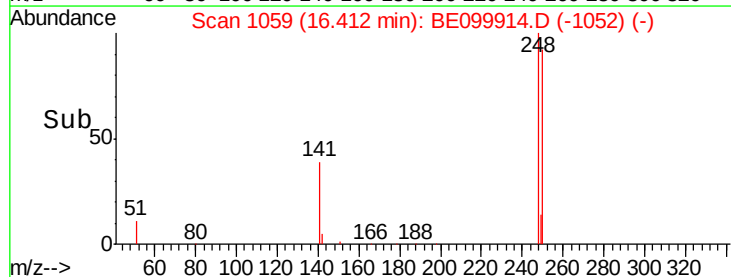
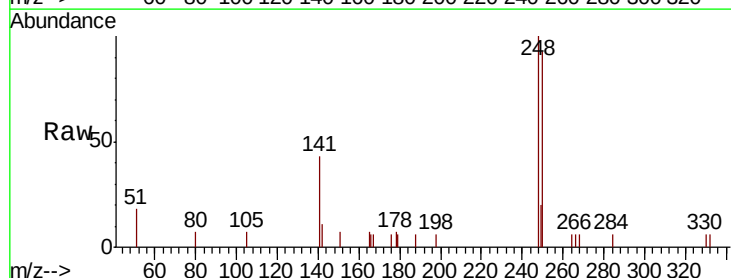
RT: 16.41 min Scan# 1059

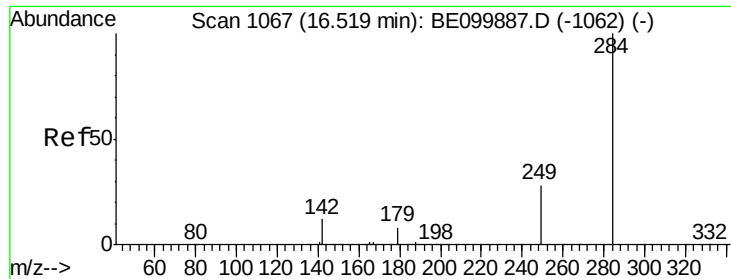
Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.6	77.5	116.3
141	43.2	31.8	47.8





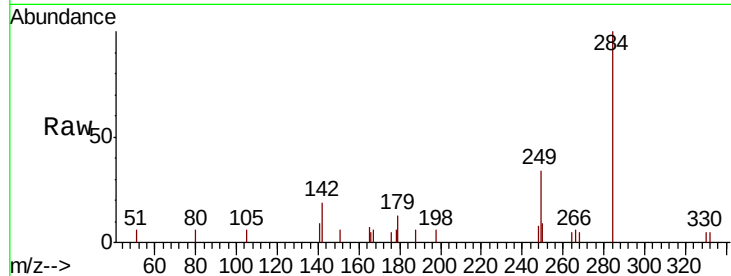
#21
Hexachlorobenzene
Concen: 0.330 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

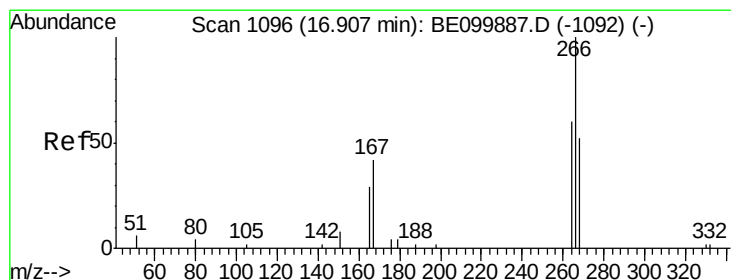
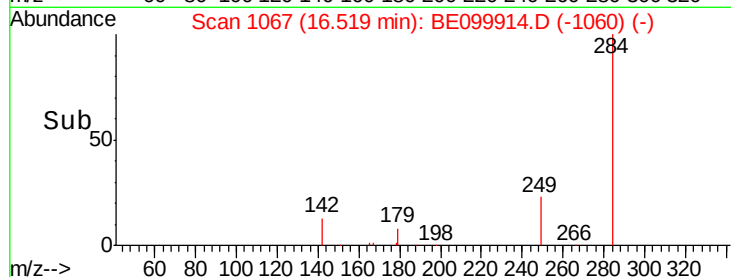
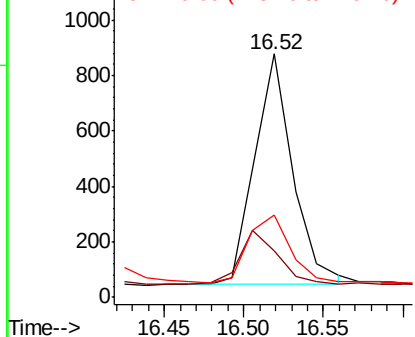
Tot Ion:	284	Resp:	1373
Ion Ratio	Lower	Upper	
284	100		
142	23.6	18.2	27.4
249	33.4	24.6	37.0

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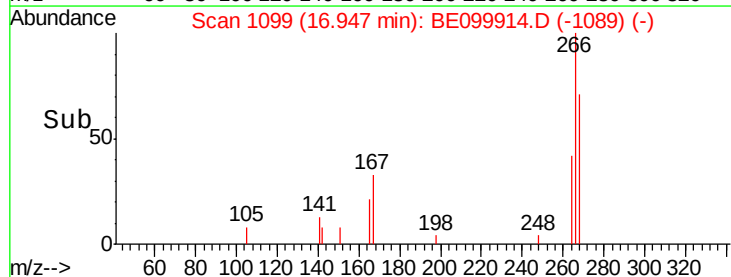
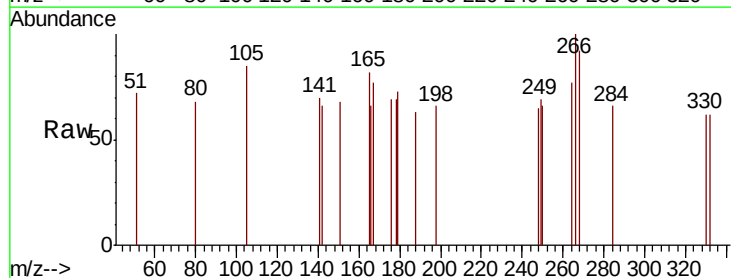
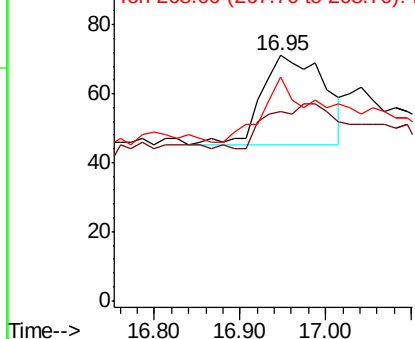
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

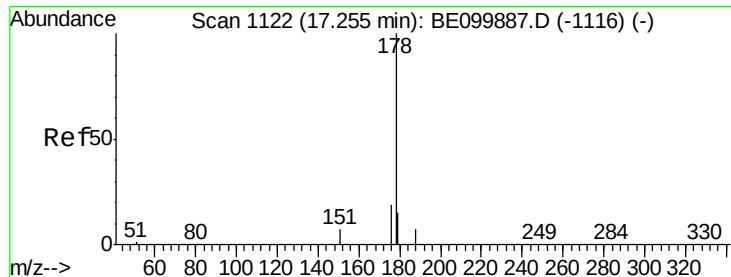


#22
Pentachlorophenol
Concen: 0.367 ng
RT: 16.95 min Scan# 1099
Delta R.T. 0.04 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:	266	Resp:	134
Ion Ratio	Lower	Upper	
266	100		
264	77.5	62.2	93.2
268	91.5	65.5	98.3

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: 0.340 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

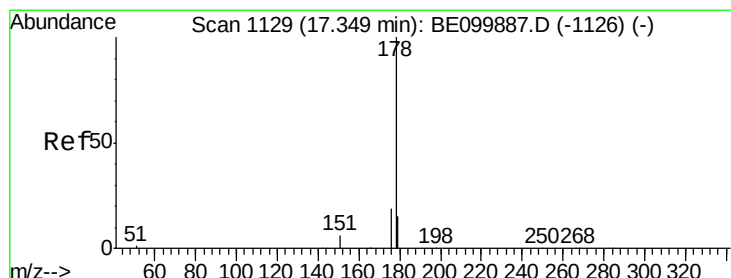
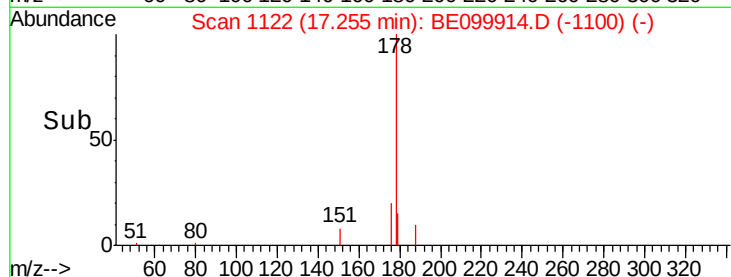
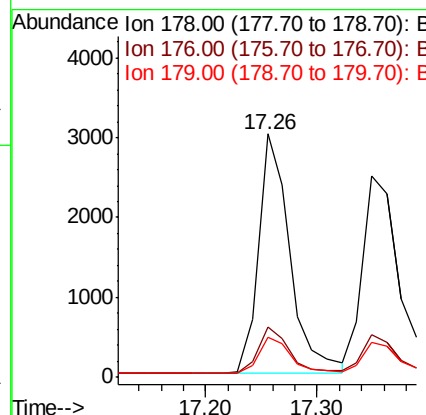
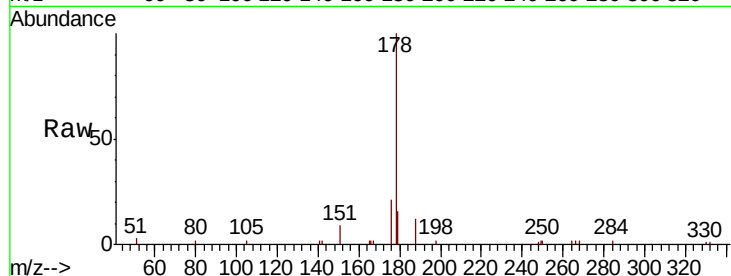
ClientSampleId :

PB120391BS

Tot Ion:178	Resp:	5935
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.8 23.8
179	15.3	12.4 18.6

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#24

Anthracene

Concen: 0.325 ng

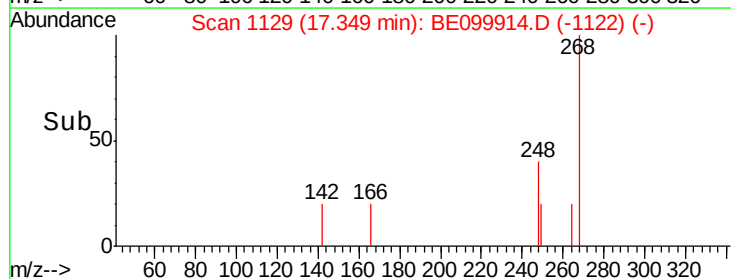
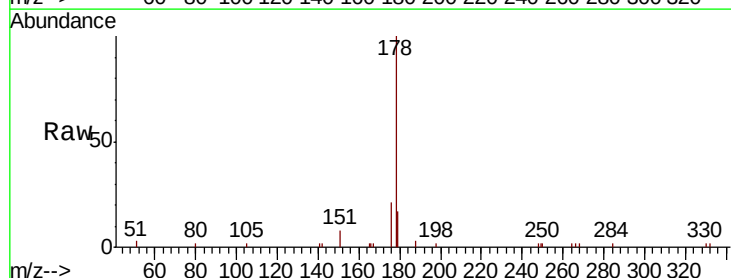
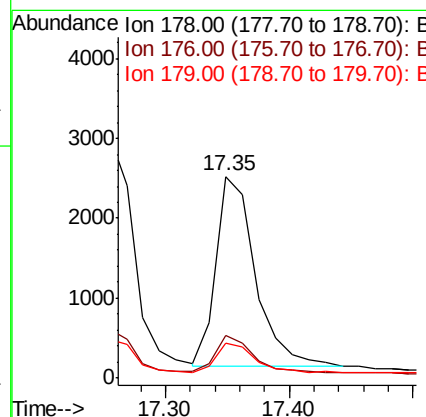
RT: 17.35 min Scan# 1129

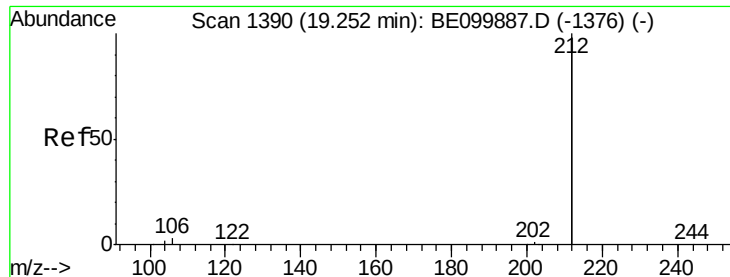
Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Tgt Ion:178	Resp:	5208
Ion Ratio	Lower	Upper
178	100	
176	17.7	14.6 22.0
179	15.0	12.3 18.5





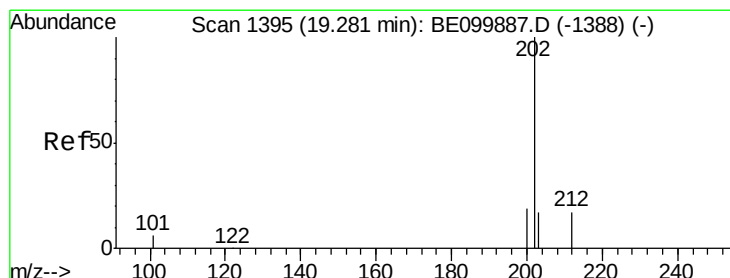
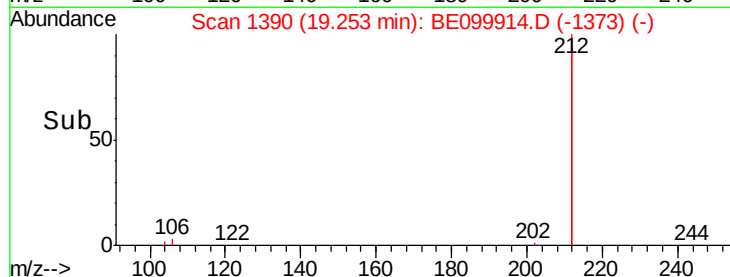
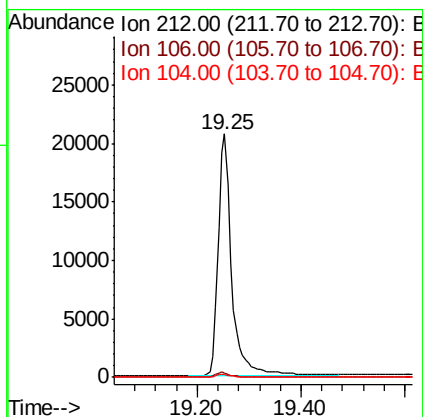
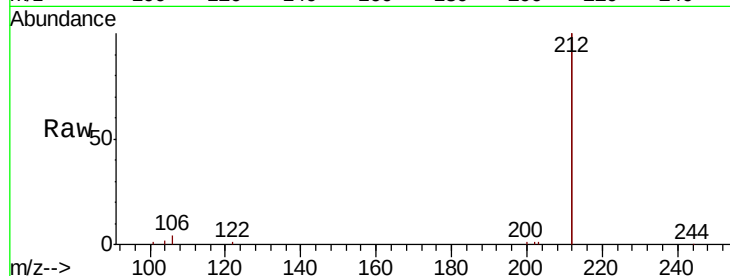
#25
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tot Ion	Ratio	Resp	Lower	Upper
212	100	37127		
106	1.8		1.4	2.2
104	1.1		0.9	1.3

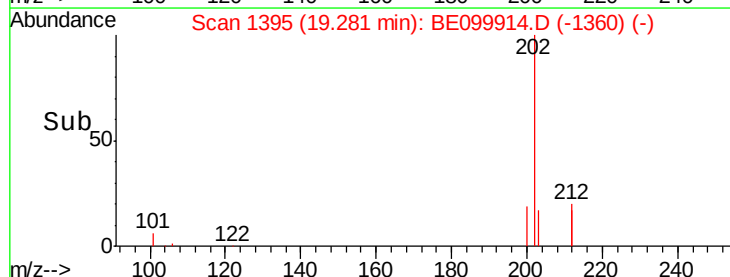
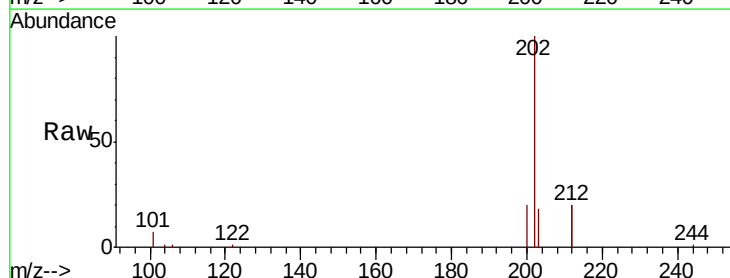
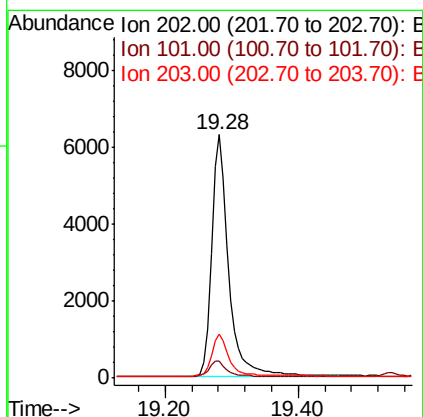
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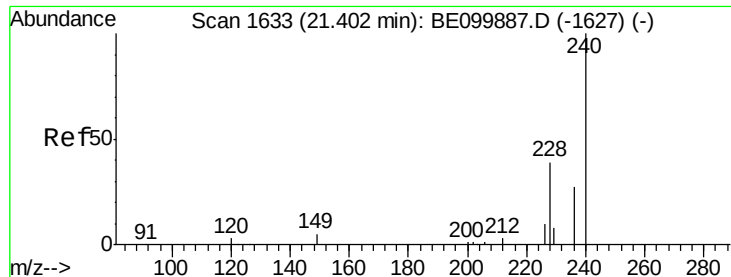
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#26
Fluoranthene
Concen: 0.368 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	10930		
101	6.5		5.4	8.0
203	16.9		13.2	19.8





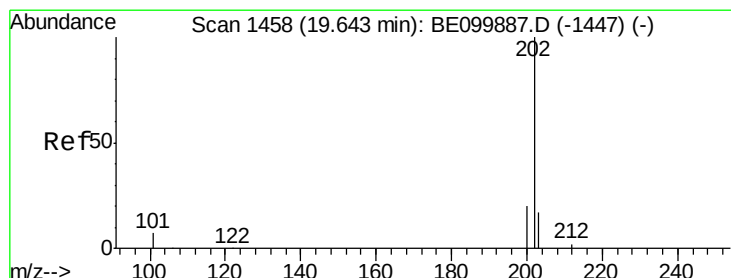
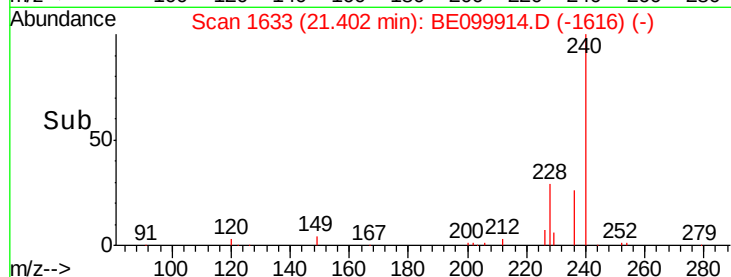
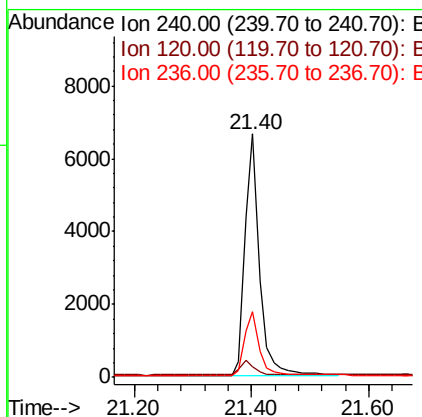
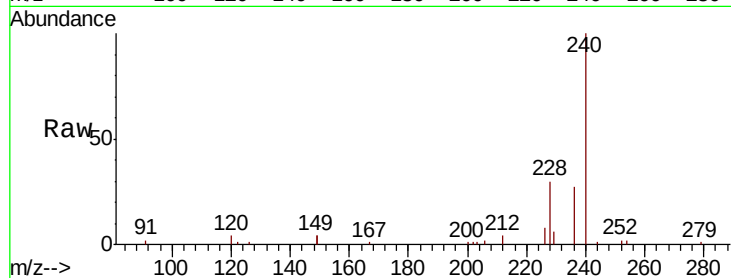
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.8	5.6
236	26.9	22.0	33.0

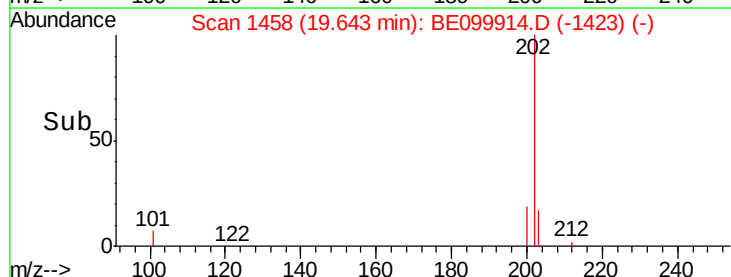
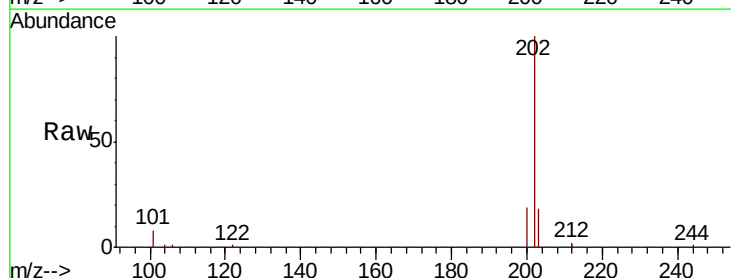
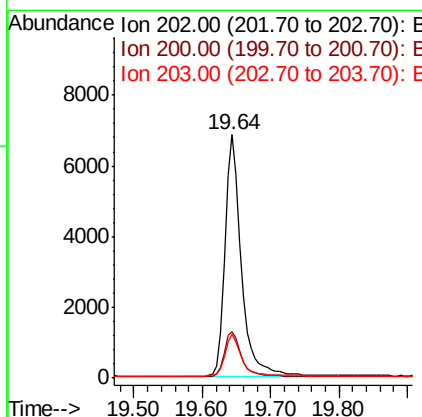
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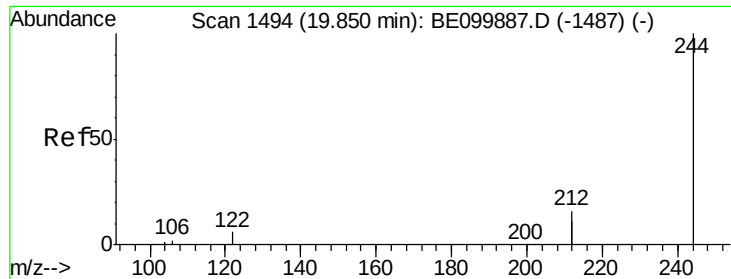
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#28
Pyrene
Concen: 0.381 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.5	23.3
203	17.8	14.0	21.0





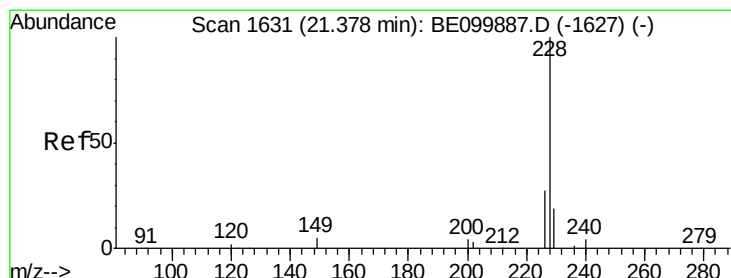
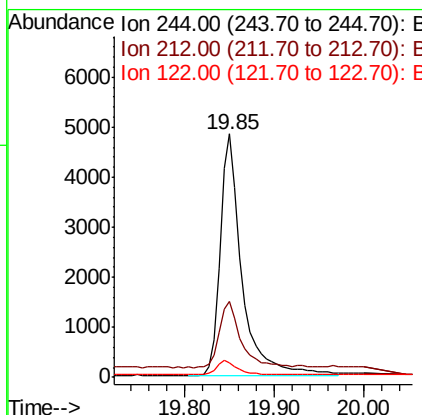
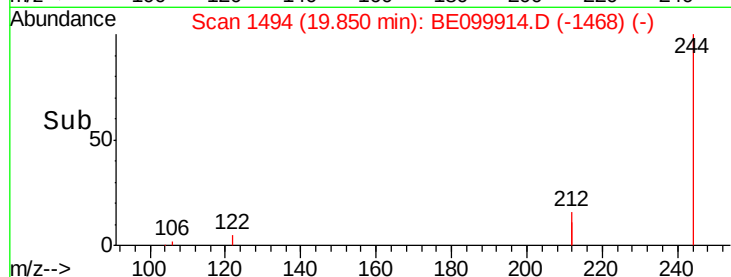
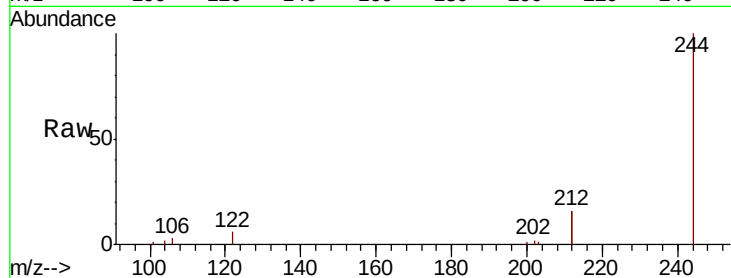
#29
 Terphenyl-d14
 Concen: 0.385 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BE099914.D
 Acq: 11 Jun 2019 9:06

Instrument :
 BNA_E
 ClientSampleId :
 PB120391BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	31.1	25.7	38.5
122	6.0	5.5	8.3

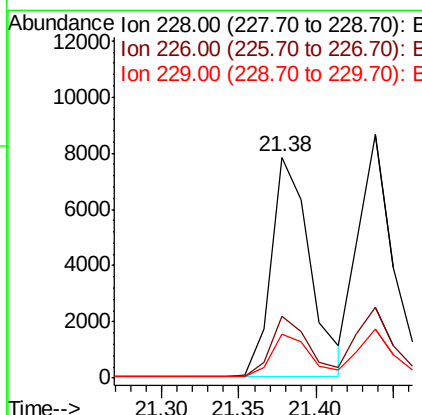
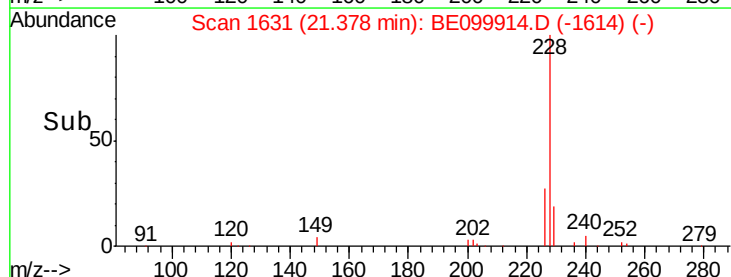
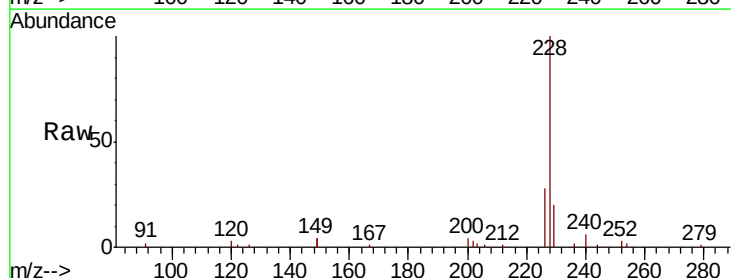
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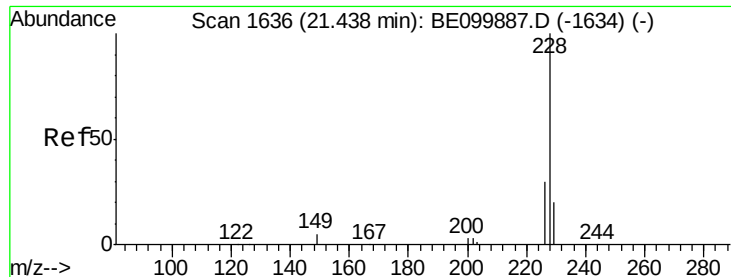
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#30
 Benzo(a)anthracene
 Concen: 0.397 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE099914.D
 Acq: 11 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	19.6	15.9	23.9





#31

Chrysene

Concen: 0.382 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

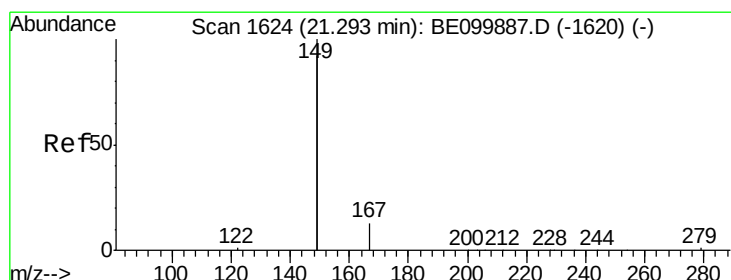
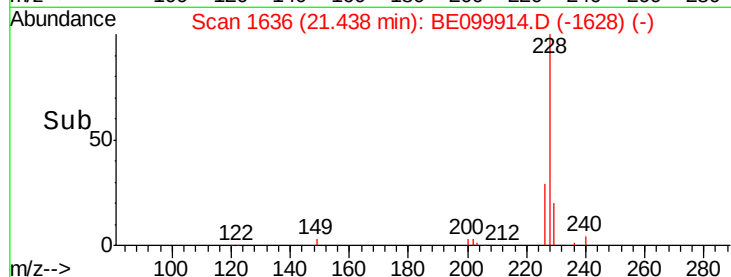
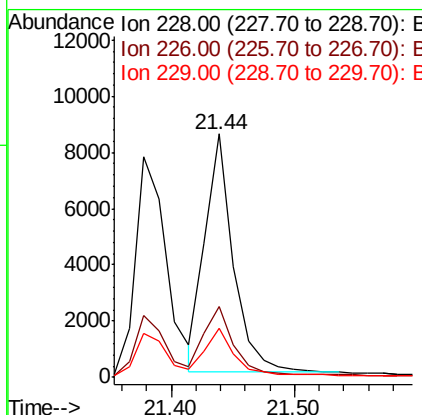
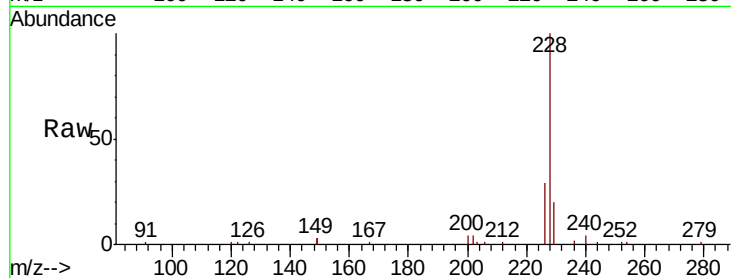
ClientSampleId :

PB120391BS

Tot Ion:	228	Resp:	13598
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.1	36.1
229	20.3	16.1	24.1

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.342 ng

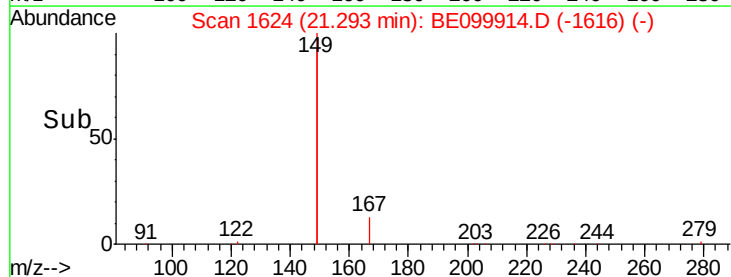
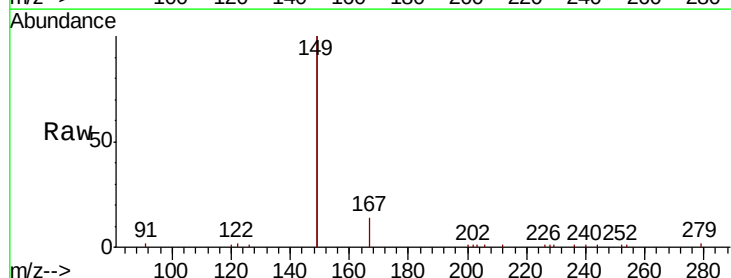
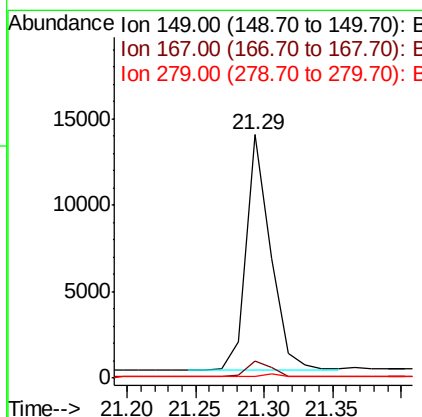
RT: 21.29 min Scan# 1624

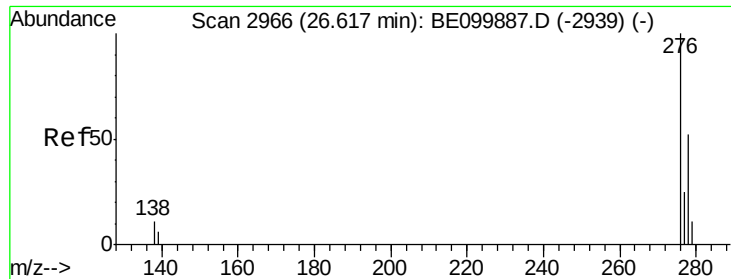
Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Tgt Ion:	149	Resp:	16941
Ion Ratio	Lower	Upper	
149	100		
167	7.1	5.9	8.9
279	1.4	1.2	1.8





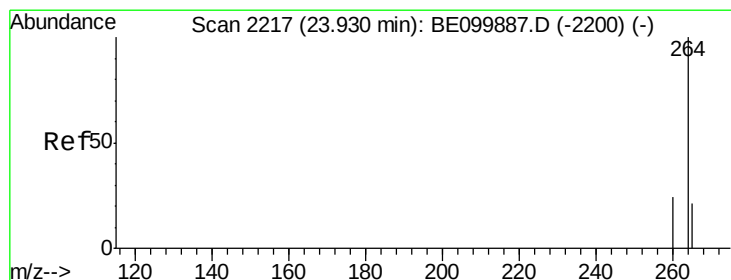
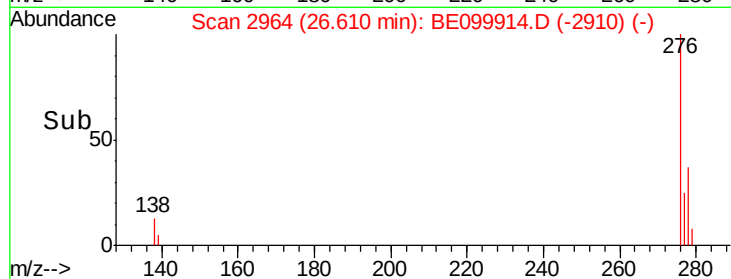
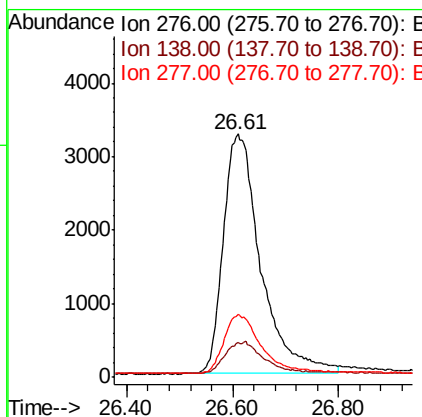
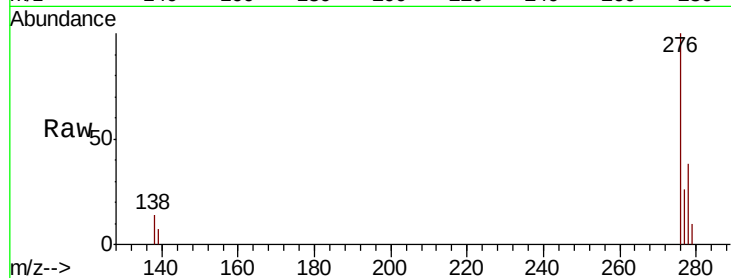
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.380 ng
 RT: 26.61 min Scan# 2964
 Delta R.T. -0.01 min
 Lab File: BE099914.D
 Acq: 11 Jun 2019 9:06

Instrument :
 BNA_E
 ClientSampleId :
 PB120391BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	5.9	10.1	15.1#
277	24.2	19.1	28.7

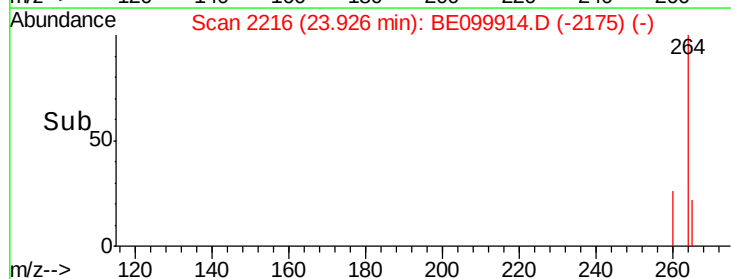
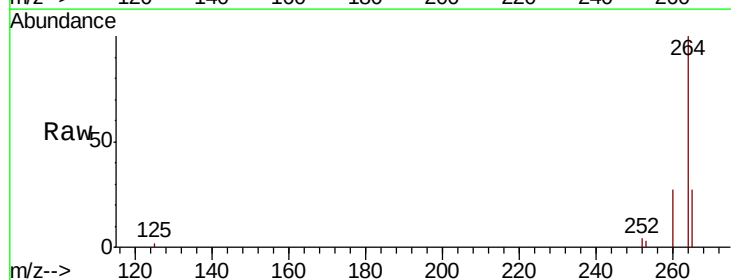
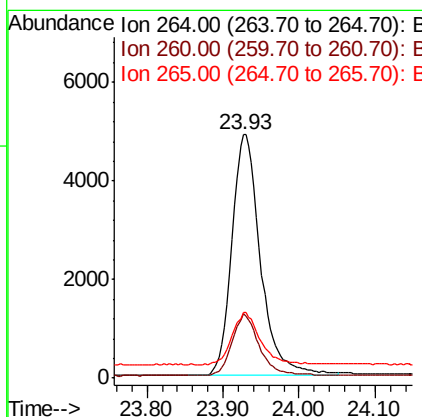
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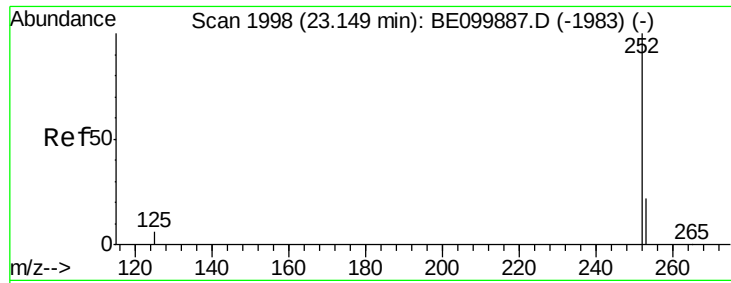
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BE099914.D
 Acq: 11 Jun 2019 9:06

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	26.6	20.2	30.2
265	27.2	22.0	33.0





#35

Benzo(b)fluoranthene

Concen: 0.376 ng m

RT: 23.15 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

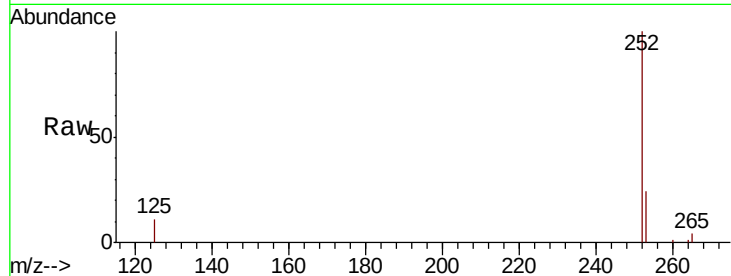
ClientSampleId :

PB120391BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.7	28.1
125	10.5	5.7	8.5

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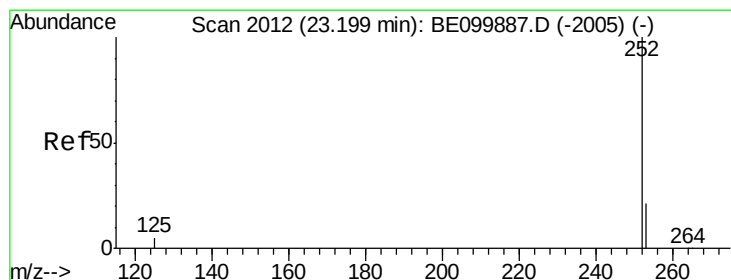
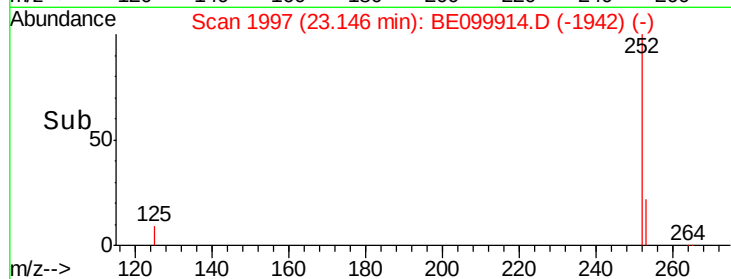
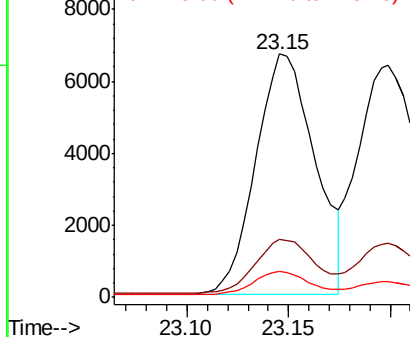


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.392 ng

RT: 23.20 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

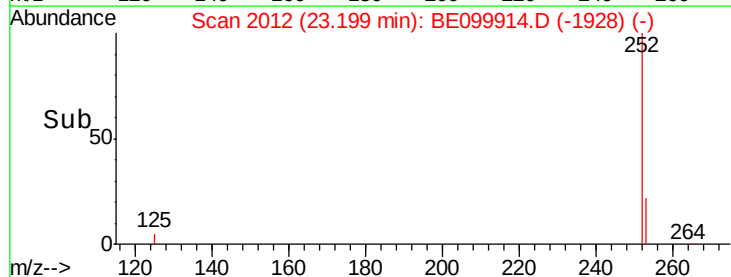
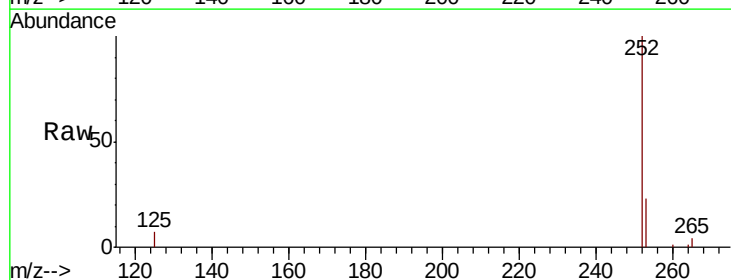
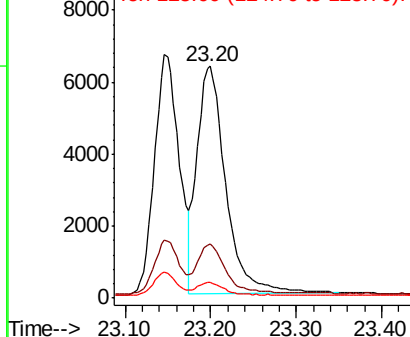
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	6.7	5.4	8.0

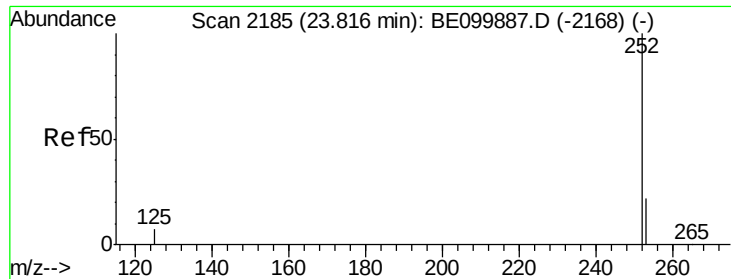
Abundance

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





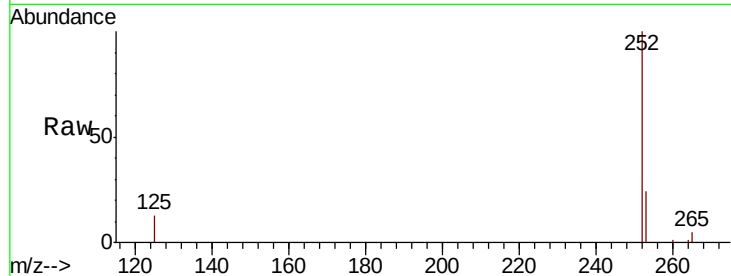
#37
Benzo(a)pyrene
Concen: 0.379 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.6	29.4
125	12.7	6.6	10.0

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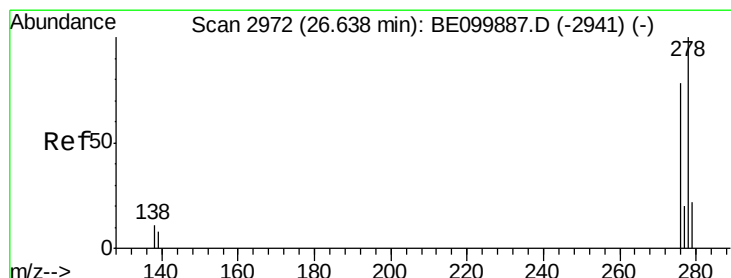
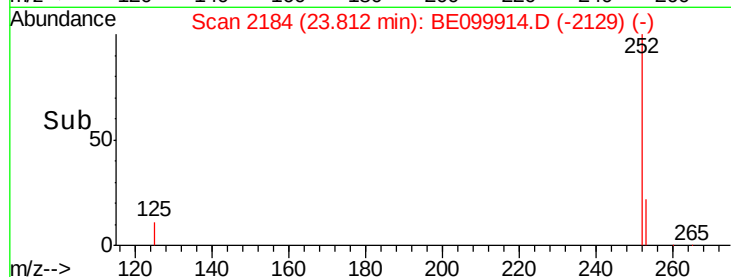
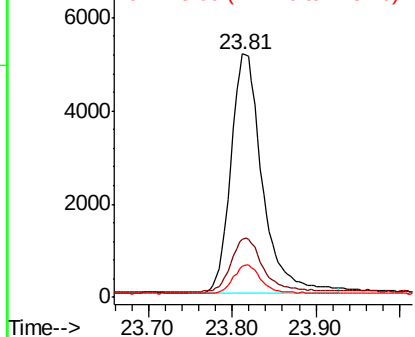


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 26.64 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

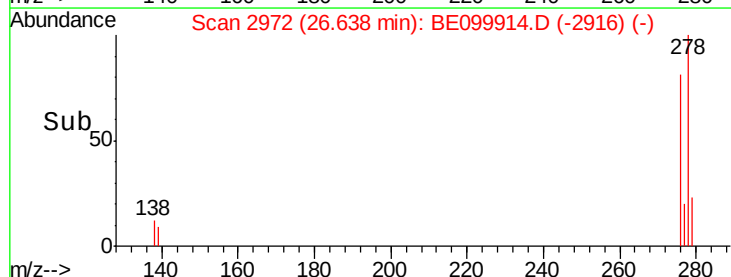
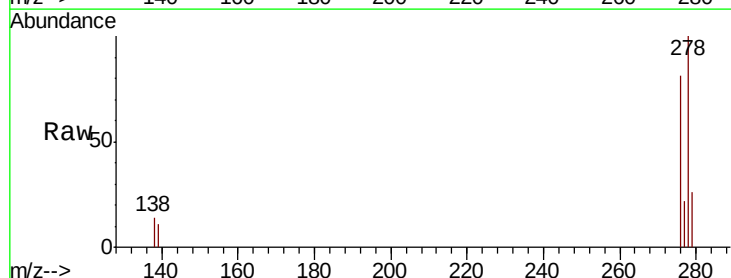
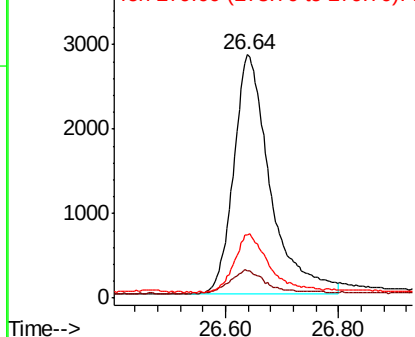
Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.0	7.8	11.8
279	25.9	20.0	30.0

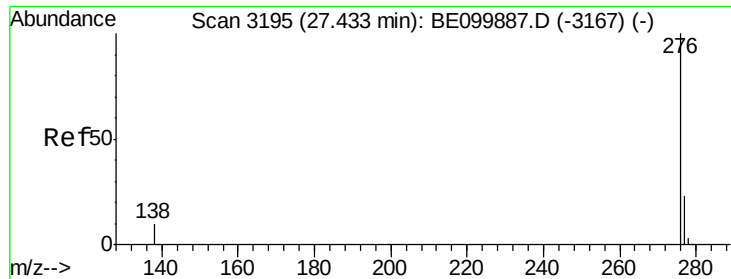
Abundance

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: 0.370 ng

RT: 27.44 min Scan# 3196

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

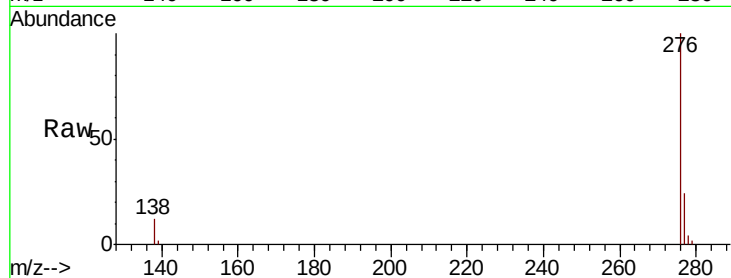
ClientSampleId :

PB120391BS

Tot Ion:	276	Resp:	13698
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.5	29.3
138	12.3	9.5	14.3

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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

