

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097605.D
 Acq On : 21 Sep 2018 11:04
 Operator : SJ/JU
 Sample : PB112986BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112986BS

Manual Integrations
 APPROVED

Sohil
 9/21/2018 4:10:02 PM

Quant Time: Sep 21 13:46:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	1079	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	4640	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	2301	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	5396	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7228	0.40	ng	0.00
34) Perylene-d12	23.20	264	7766	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	1323	0.41	ng	0.01
5) Phenol-d6	6.61	99	1747m	0.42	ng	0.00
8) Nitrobenzene-d5	8.52	82	1433	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.71	152	3550	0.56	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	256	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3683	0.45	ng	0.00
25) Fluoranthene-d10	18.80	212	25073	0.36	ng	0.00
29) Terphenyl-d14	19.41	244	4428	0.33	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	590	0.311	ng	# 84
3) n-Nitrosodimethylamine	3.38	42	583	0.373	ng	# 88
6) bis(2-Chloroethyl)ether	6.83	93	1265	0.330	ng	80
9) Naphthalene	10.17	128	17076	0.409	ng	100
10) Hexachlorobutadiene	10.46	225	714	0.371	ng	96
12) 2-Methylnaphthalene	11.79	142	2564	0.393	ng	98
16) Acenaphthylene	13.72	152	3579	0.393	ng	100
17) Acenaphthene	14.06	154	2315	0.380	ng	95
18) Fluorene	15.06	166	3000	0.377	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	955	0.393	ng	89
21) Hexachlorobenzene	16.07	284	1076	0.402	ng	# 85
22) Pentachlorophenol	16.44	266	505	0.551	ng	# 77
23) Phenanthrene	16.80	178	5130	0.400	ng	98
24) Anthracene	16.89	178	4502	0.398	ng	95
26) Fluoranthene	18.83	202	6055	0.341	ng	98
28) Pyrene	19.19	202	6174	0.375	ng	99
30) Benzo(a)anthracene	20.96	228	7564	0.416	ng	96
31) Chrysene	21.00	228	7749	0.397	ng	99
32) Bis(2-ethylhexyl)phthalate	20.89	149	9932	0.335	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	10690	0.455	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	8153	0.409	ng	# 89
36) Benzo(k)fluoranthene	22.57	252	9154m	0.403	ng	
37) Benzo(a)pyrene	23.10	252	8229	0.425	ng	# 92
38) Dibenzo(a,h)anthracene	25.51	278	8839	0.423	ng	95
39) Benzo(g,h,i)perylene	26.20	276	8883	0.438	ng	# 90

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

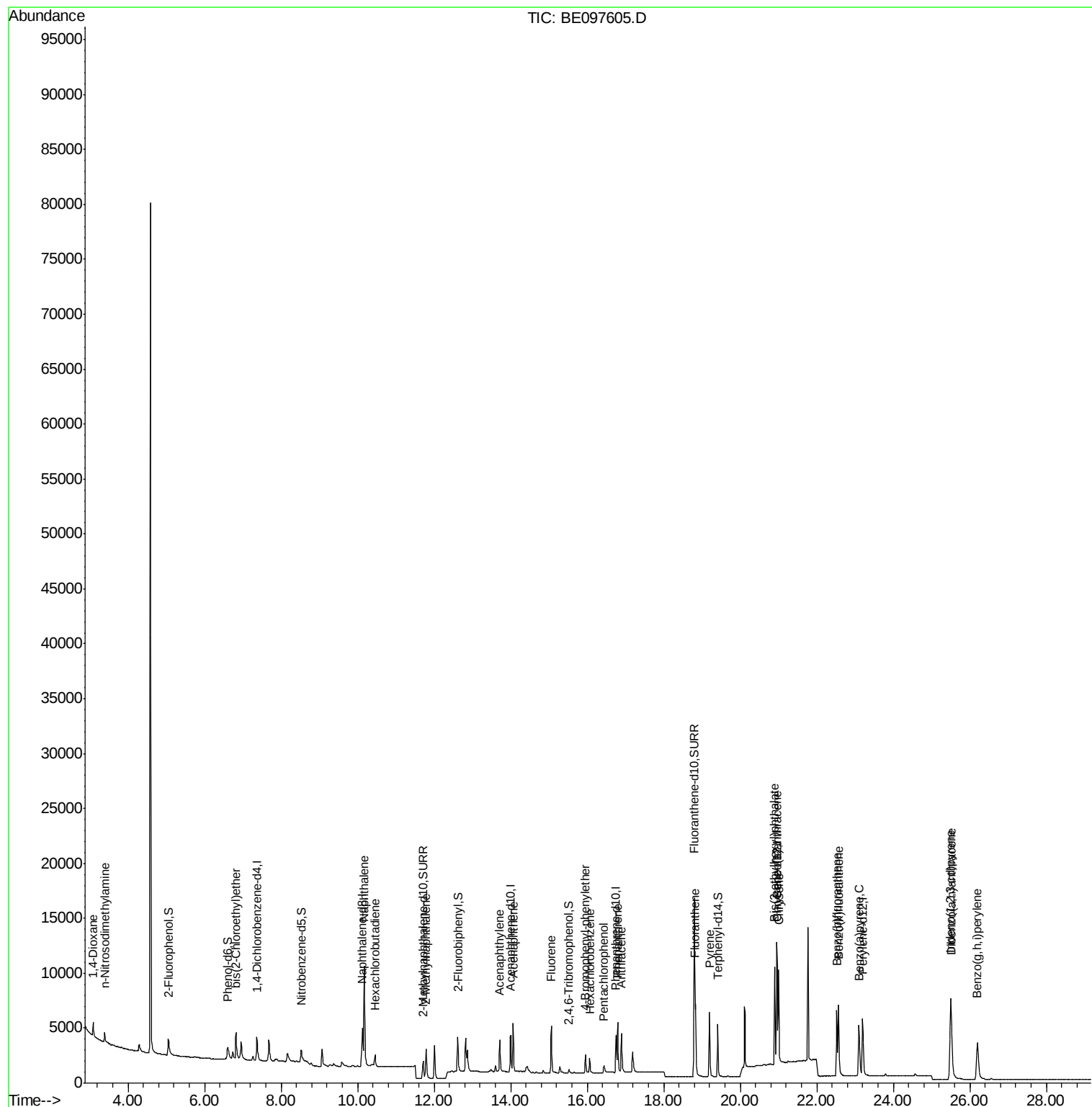
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
Data File : BE097605.D
Acq On : 21 Sep 2018 11:04
Operator : SJ/JU
Sample : PB112986BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

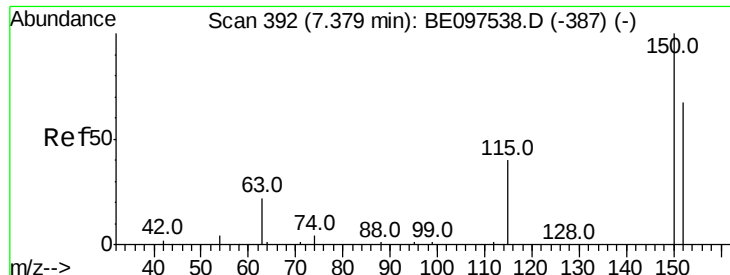
Instrument :
BNA_E
ClientSampleId :
PB112986BS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

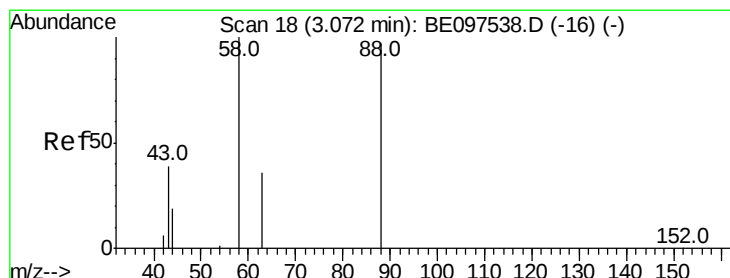
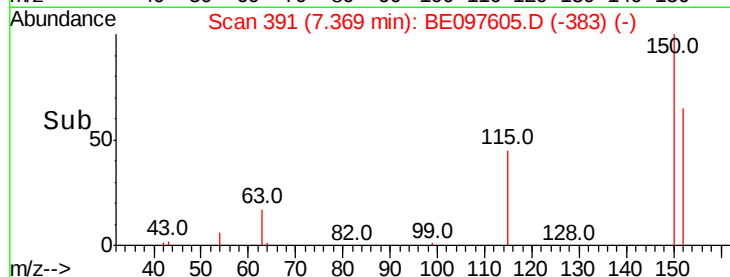
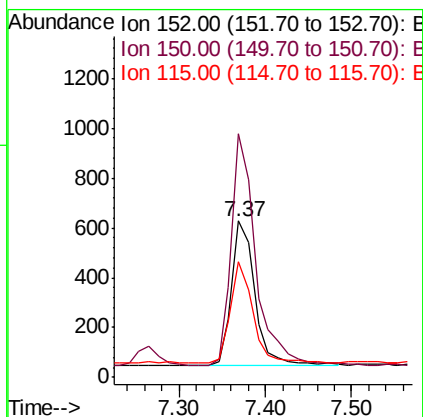
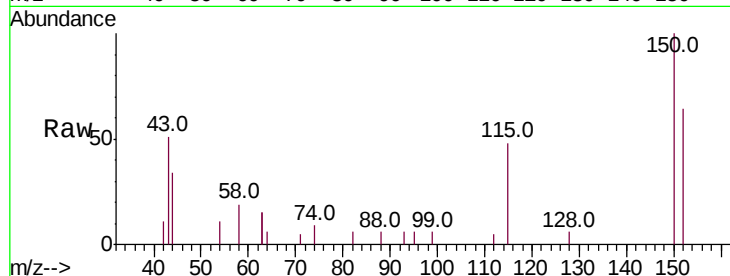
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

Instrument :
BNA_E
ClientSampled :
PB112986BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	117.2	175.8
115	74.2	57.0	85.6

Manual Integrations
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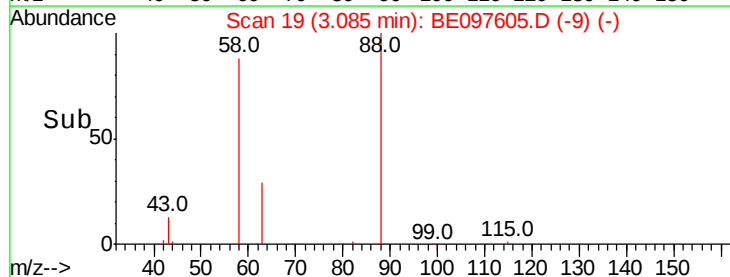
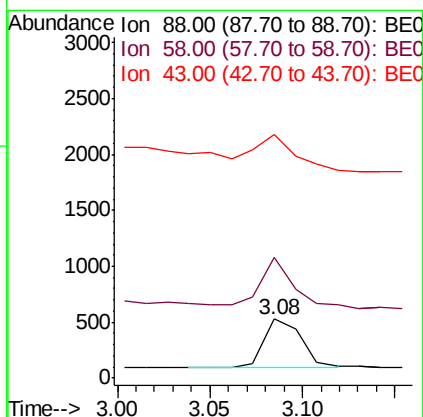
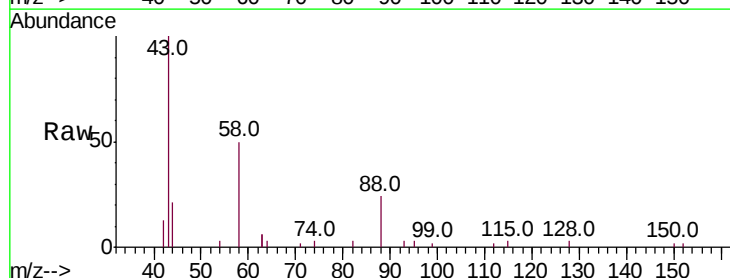
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#2

1,4-Dioxane
Concen: 0.311 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.0	63.2	94.8
43	79.3	41.2	61.8





#3

n-Nitrosodimethylamine

Concen: 0.373 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Instrument :

BNA_E

ClientSampleId :

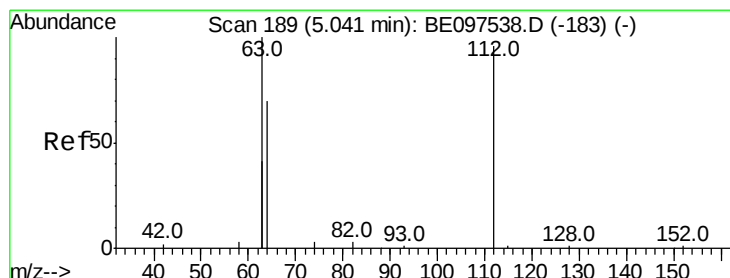
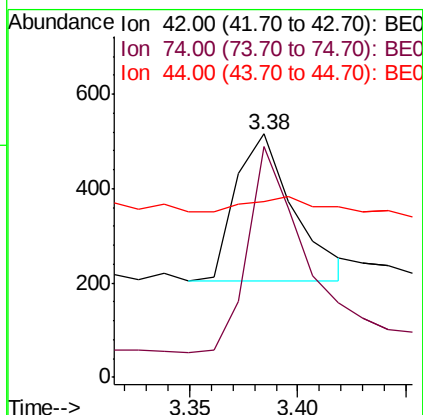
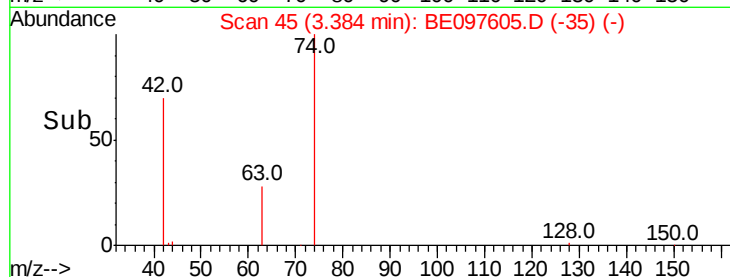
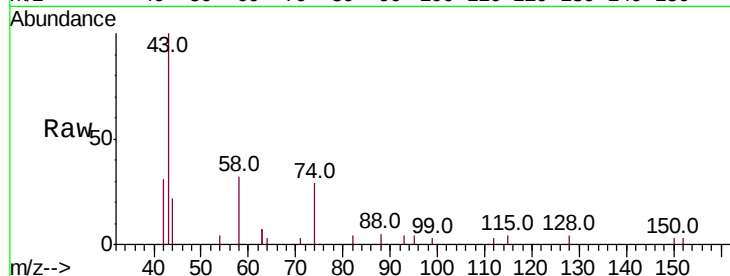
PB112986BS

Tot Ion:	42	Resp:	583
Ion	Ratio	Lower	Upper
42	100		
74	132.9	96.0	144.0
44	9.4	12.0	18.0#

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#4

2-Fluorophenol

Concen: 0.409 ng

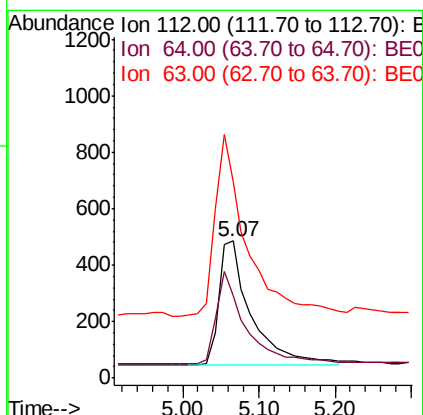
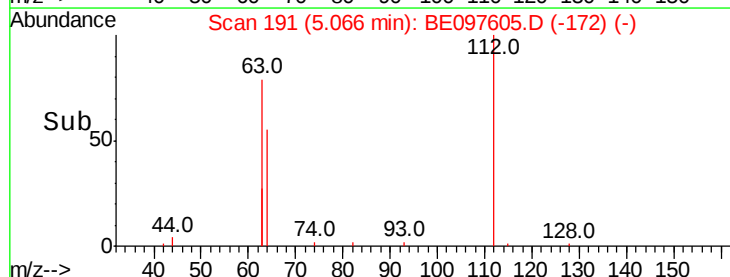
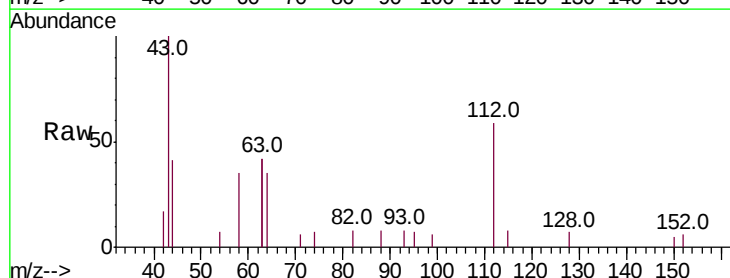
RT: 5.07 min Scan# 191

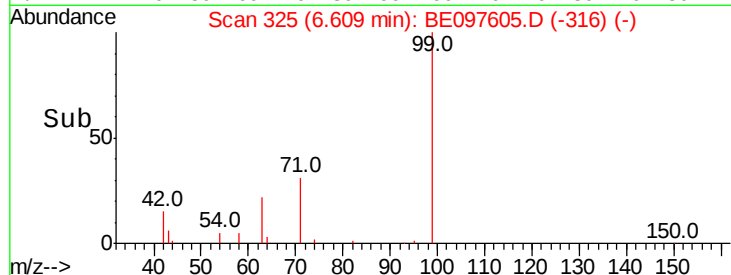
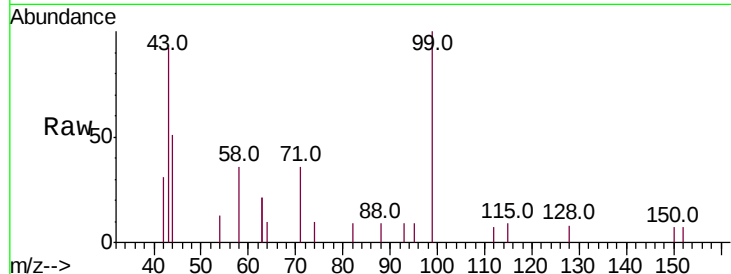
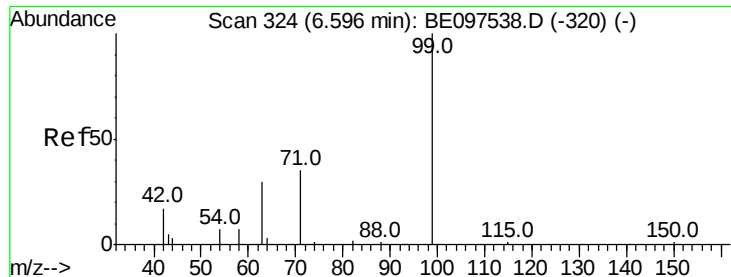
Delta R.T. 0.01 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Tgt Ion:	112	Resp:	1323
Ion	Ratio	Lower	Upper
112	100		
64	67.3	60.1	90.1
63	141.7	116.8	175.2





#5

Phenol-d6

Concen: 0.423 ng/ml

RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Tot Ion:	99	Resp:	1747
Ion Ratio	Lower	Upper	
99	100		
42	16.8	20.2	30.2#
71	29.7	28.4	42.6

Instrument :

BNA_E

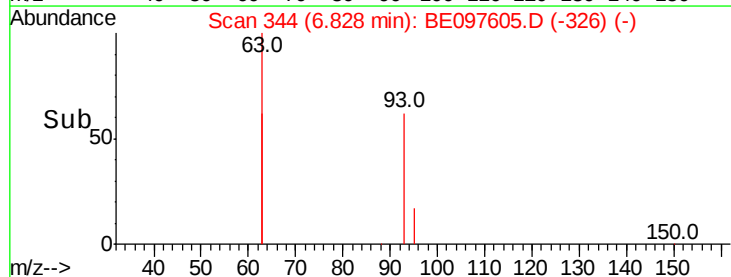
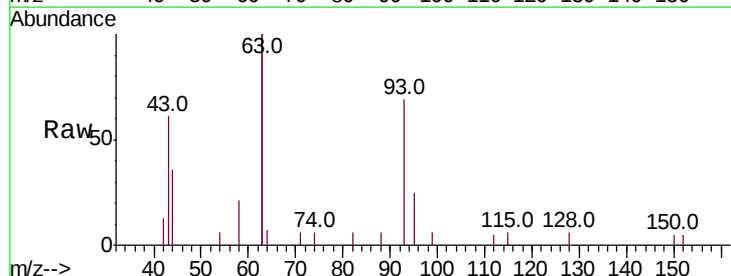
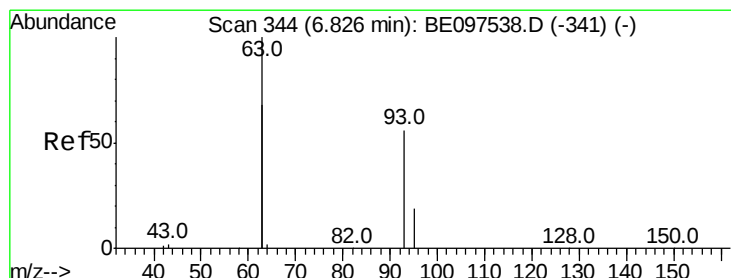
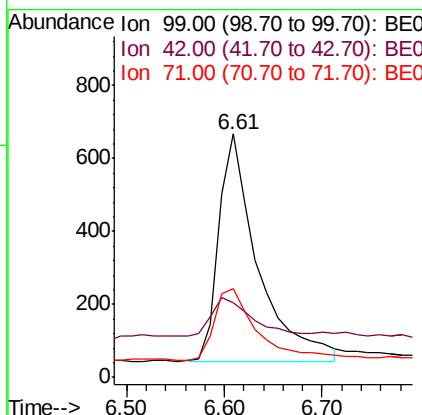
ClientSampleId :

PB112986BS

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#6

bis(2-Chloroethyl)ether

Concen: 0.330 ng/ml

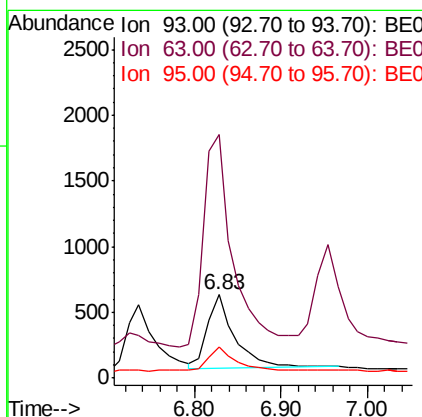
RT: 6.83 min Scan# 344

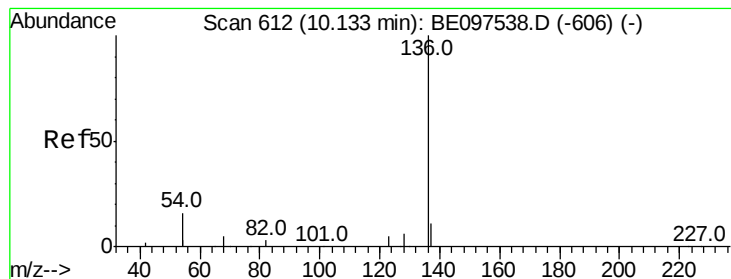
Delta R.T. 0.00 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Tgt Ion:	93	Resp:	1265
Ion Ratio	Lower	Upper	
93	100		
63	299.1	275.3	412.9
95	34.3	25.2	37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Instrument :

BNA_E

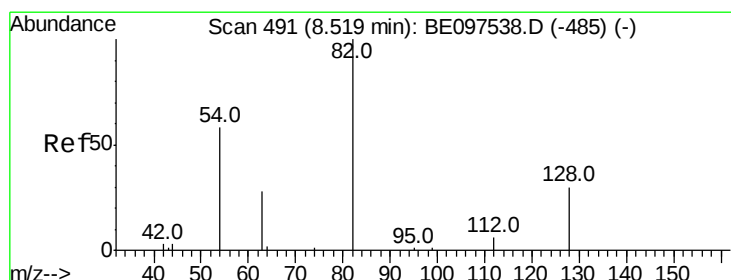
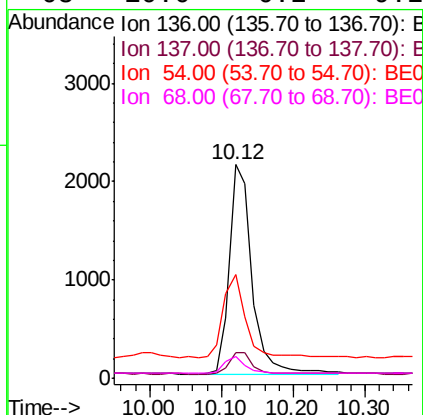
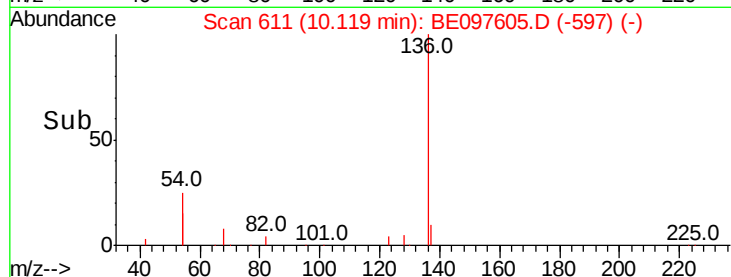
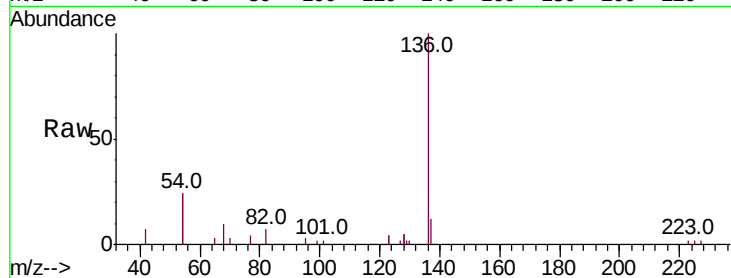
ClientSampleId :

PB112986BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	48.6	29.1	43.7#
68	10.0	6.2	9.2#

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#8

Nitrobenzene-d5

Concen: 0.400 ng

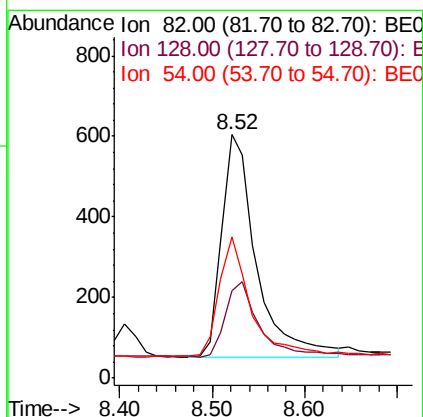
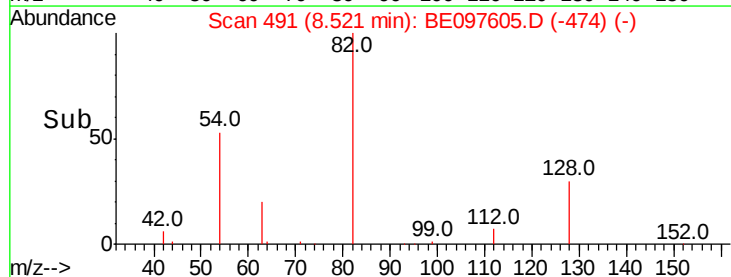
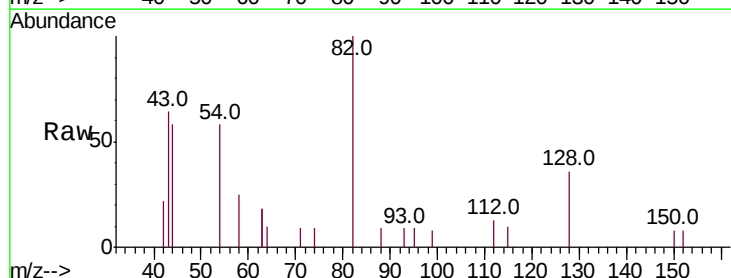
RT: 8.52 min Scan# 491

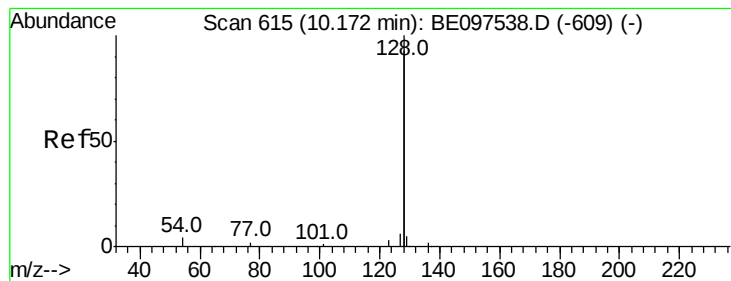
Delta R.T. -0.01 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	24.0	36.0
54	57.8	40.0	60.0





#9

Naphthalene

Concen: 0.409 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Instrument :

BNA_E

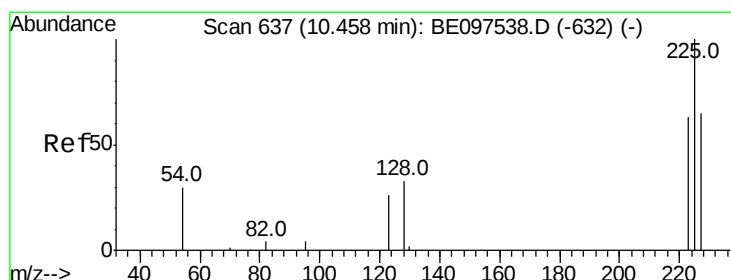
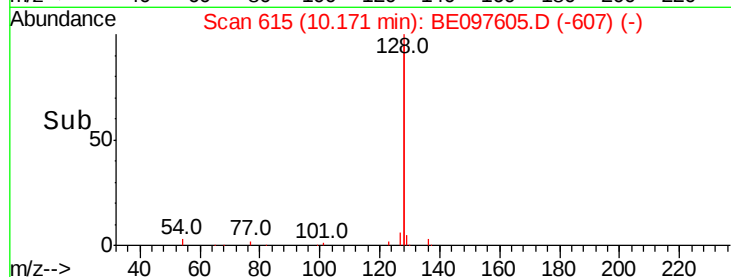
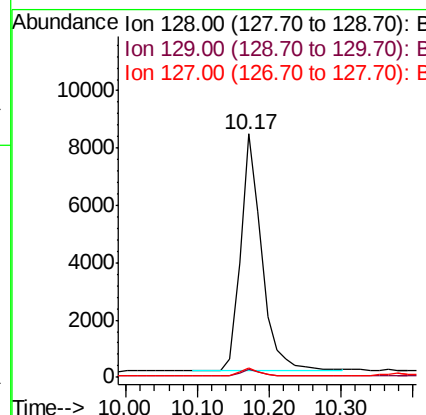
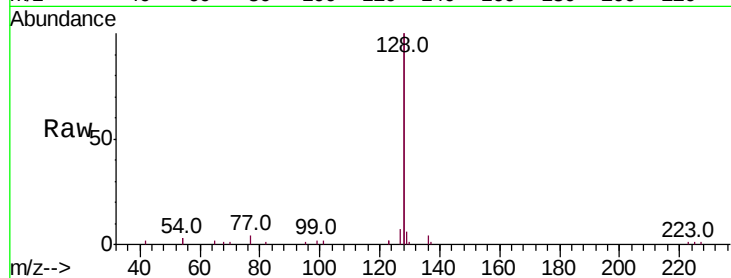
ClientSampleId :

PB112986BS

Tot Ion:	128	Resp:	17076
Ion Ratio	Lower	Upper	
128	100		
129	3.2	2.6	3.8
127	3.7	2.8	4.2

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.371 ng

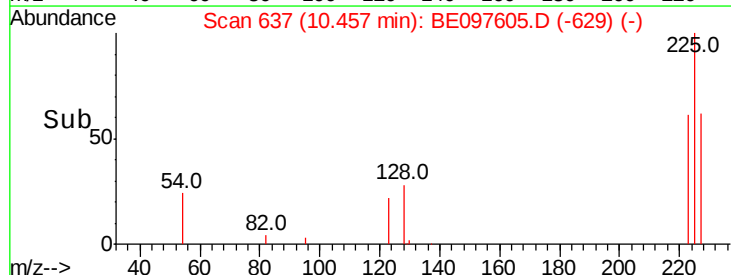
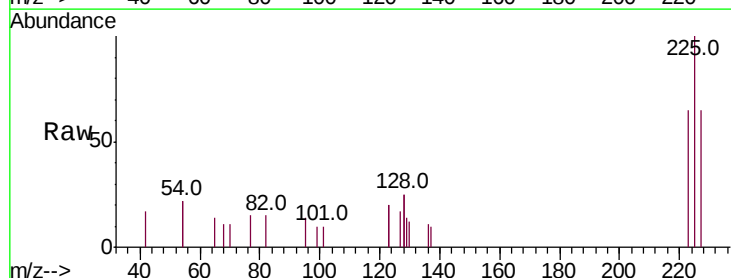
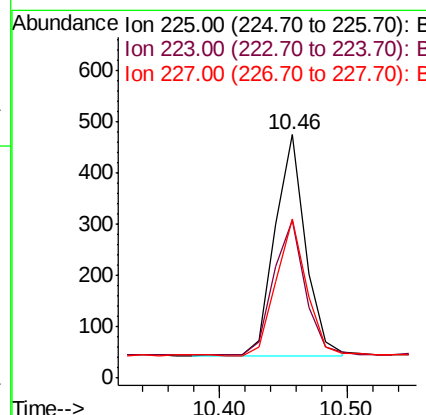
RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Tgt Ion:	225	Resp:	714
Ion Ratio	Lower	Upper	
225	100		
223	63.2	53.0	79.6
227	61.2	51.4	77.2





#11

2-Methylnaphthalene-d10

Concen: 0.555 ng

RT: 11.71 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Instrument :

BNA_E

ClientSampleId :

PB112986BS

Tot Ion:152 Resp: 3550

Ion Ratio Lower Upper

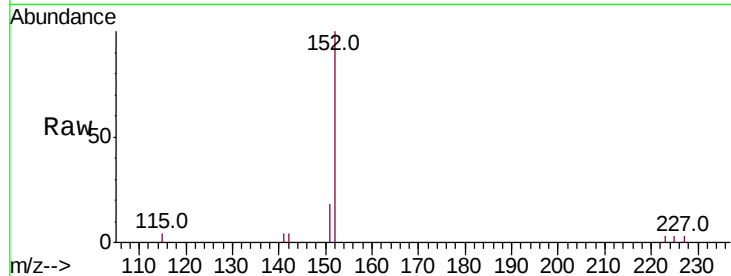
152 100

151 13.7 15.4 23.0#

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.71

1500

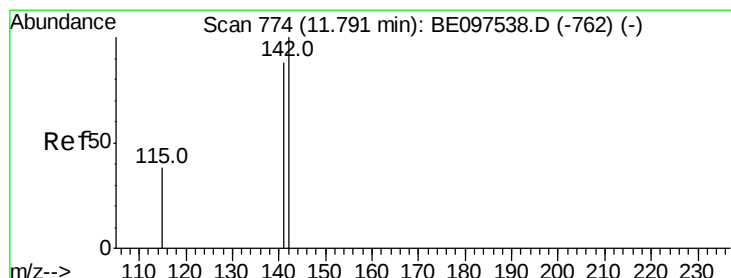
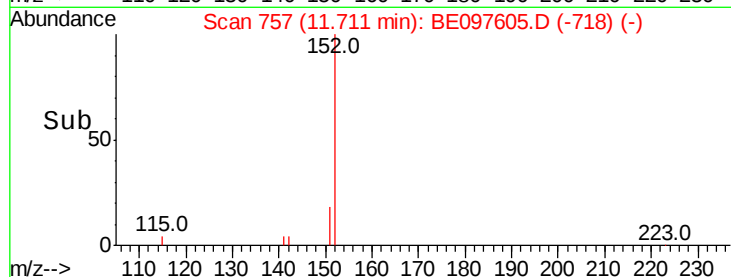
1000

500

0

Time-->

11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.393 ng

RT: 11.79 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

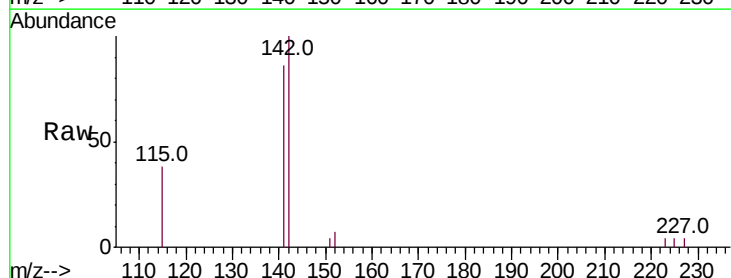
Tgt Ion:142 Resp: 2564

Ion Ratio Lower Upper

142 100

141 85.8 70.4 105.6

115 38.4 31.7 47.5



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

11.79

1500

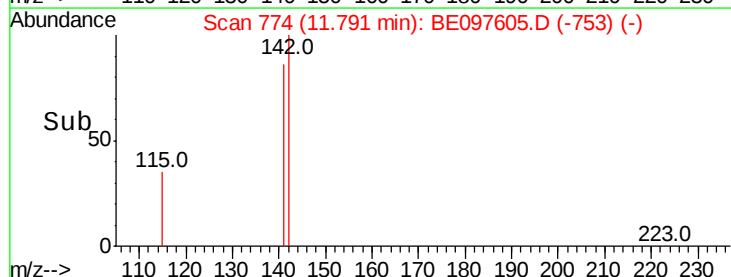
1000

500

0

Time-->

11.70 11.80





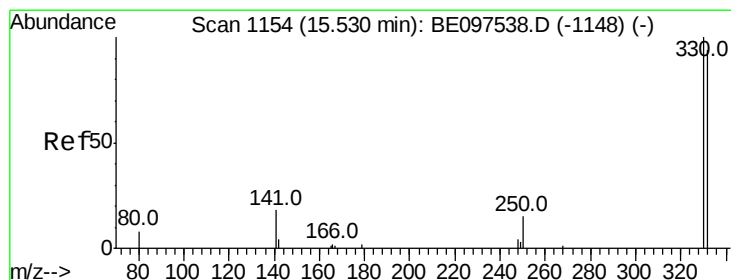
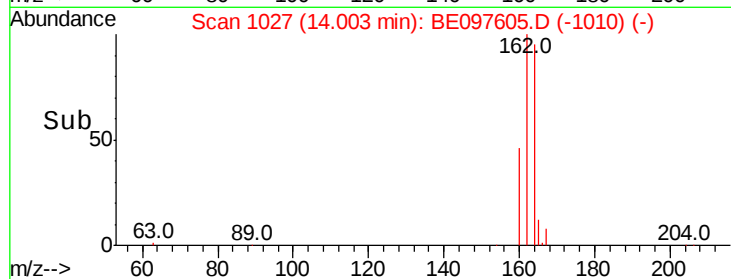
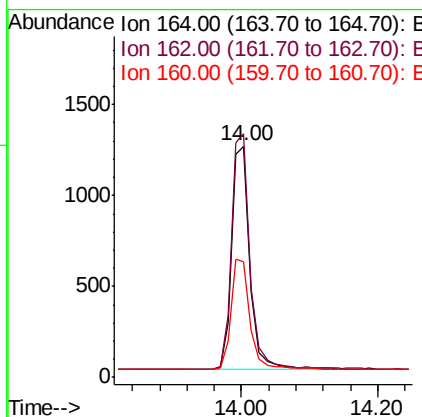
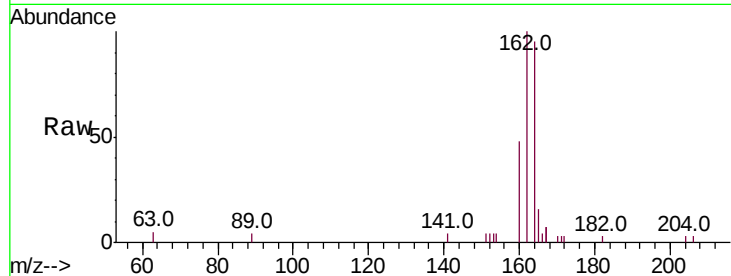
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE097605.D
 Acq: 21 Sep 2018 11:04

Instrument :
 BNA_E
 ClientSampleId :
 PB112986BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.1	124.7
160	50.0	37.1	55.7

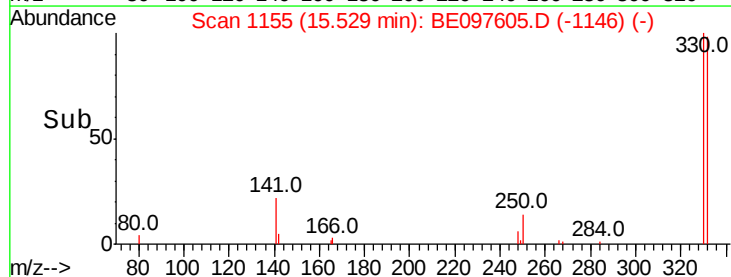
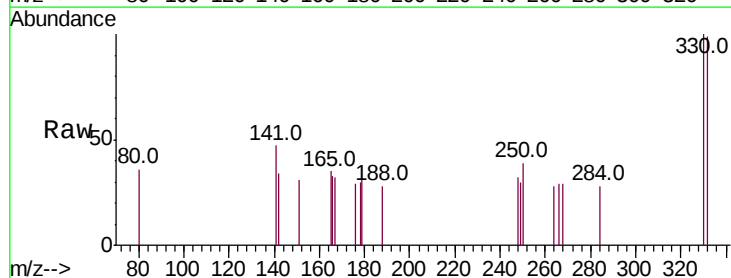
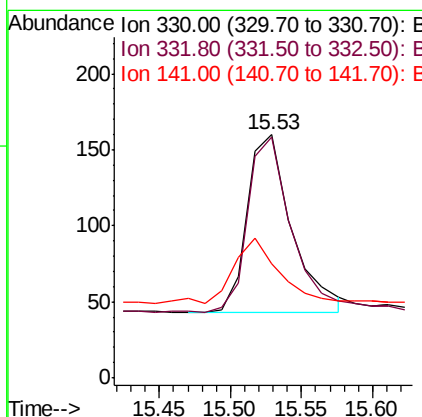
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#14
 2,4,6-Tribromophenol
 Concen: 0.324 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BE097605.D
 Acq: 21 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	152.7	229.1#
141	37.5	33.7	50.5





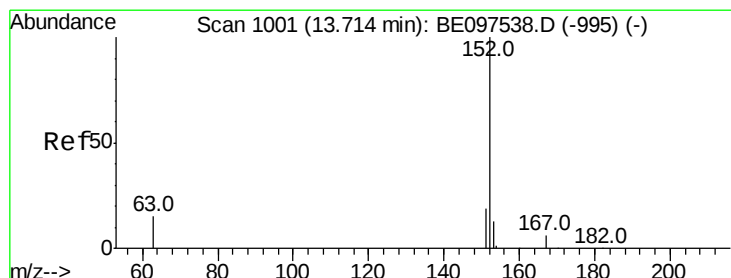
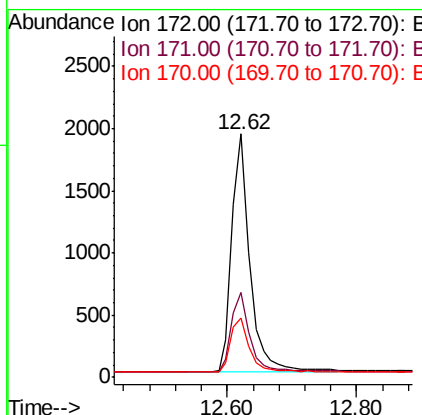
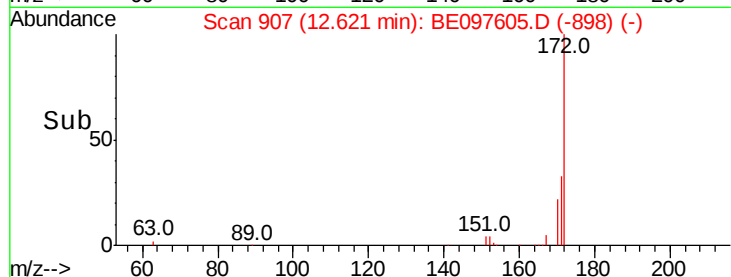
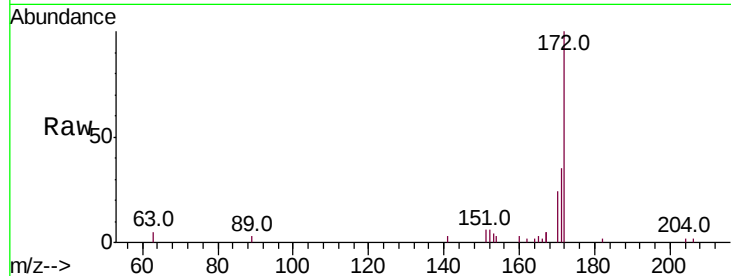
#15
2-Fluorobiphenyl
Concen: 0.453 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

Instrument :
BNA_E
ClientSampled :
PB112986BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	24.1	21.8	32.8

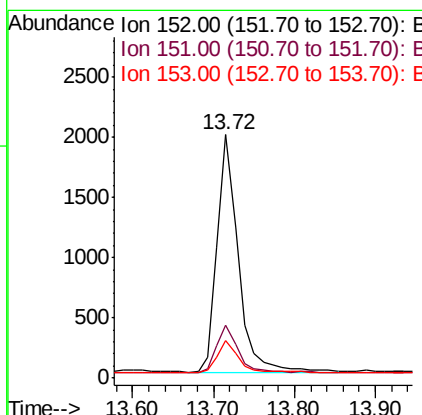
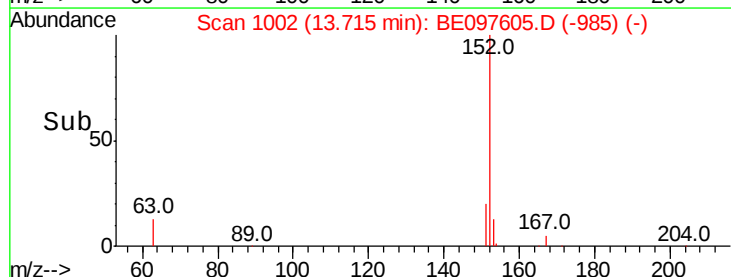
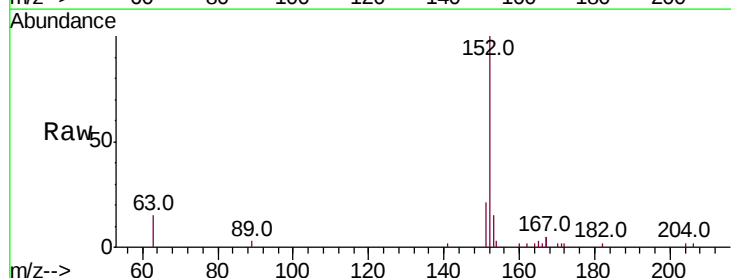
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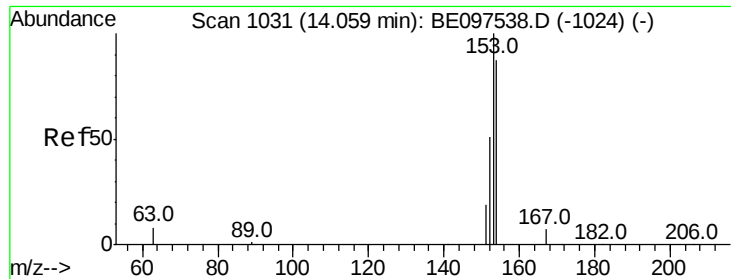
Sohil
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#16
Acenaphthylene
Concen: 0.393 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.2	10.5	15.7





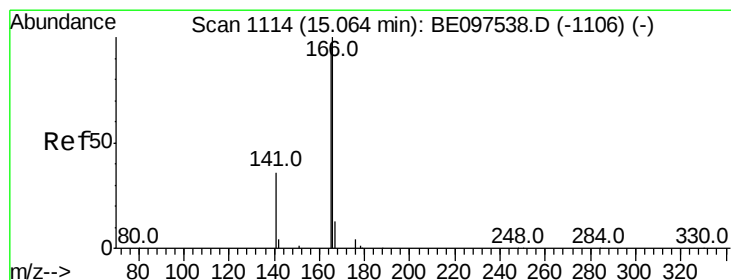
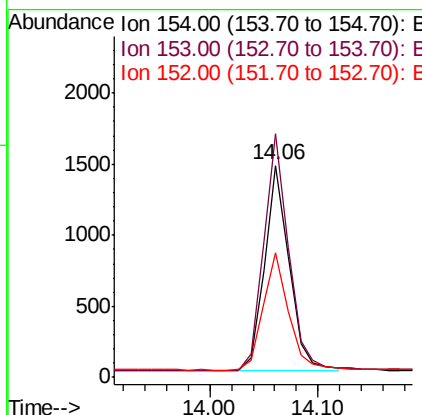
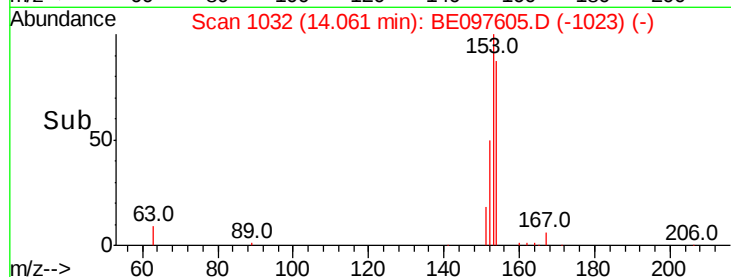
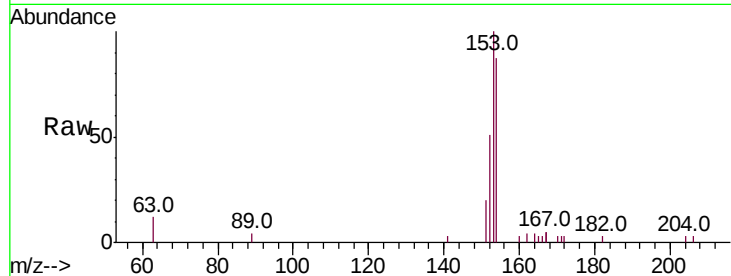
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

Instrument :
BNA_E
ClientSampleId :
PB112986BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.0	89.2	133.8
152	58.2	42.0	63.0

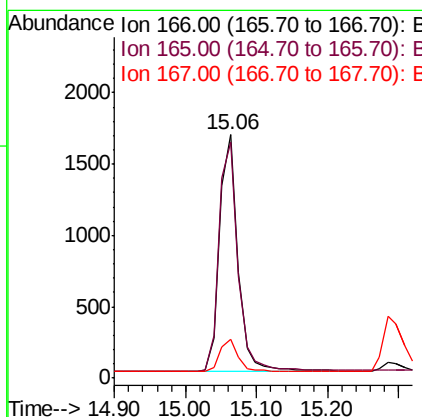
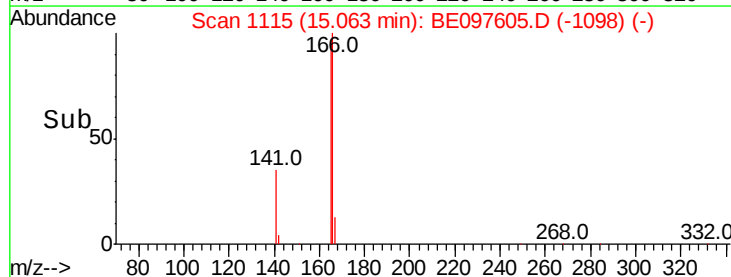
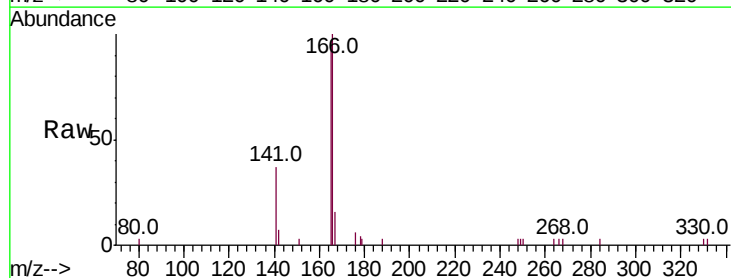
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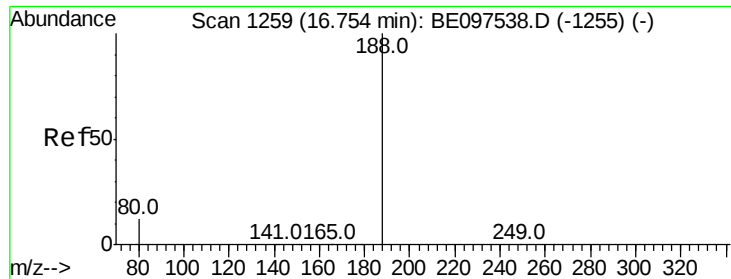
Sohil
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#18
Fluorene
Concen: 0.377 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.8	116.6
167	13.5	42.4	63.6#





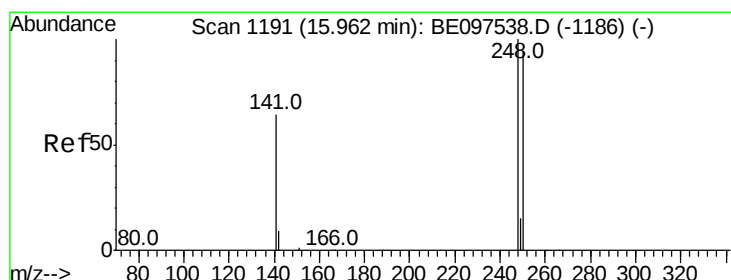
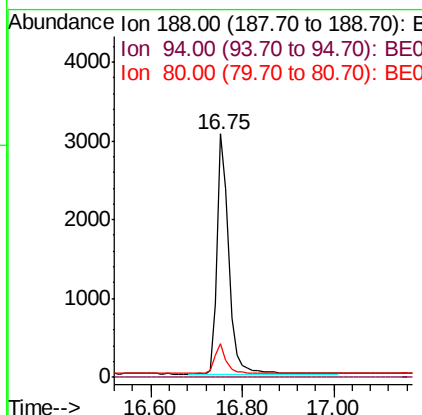
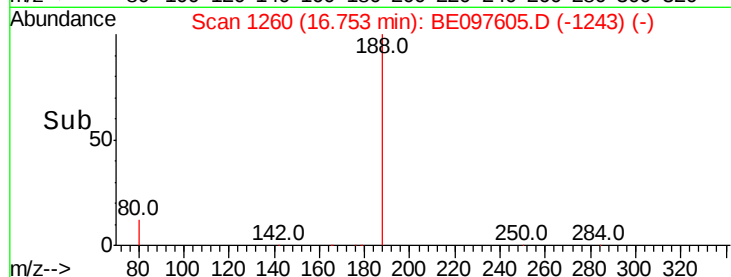
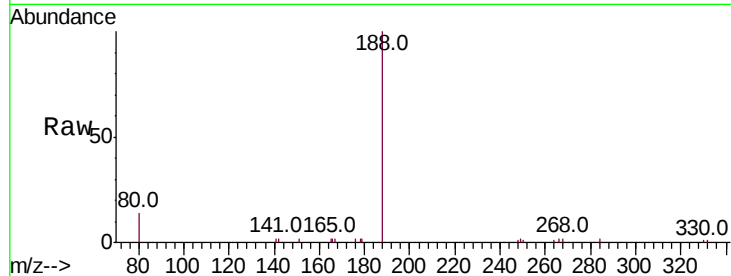
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

Instrument :
BNA_E
ClientSampleId :
PB112986BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	0.0	3.9	5.9#	
80	13.6	3.6	5.4#	

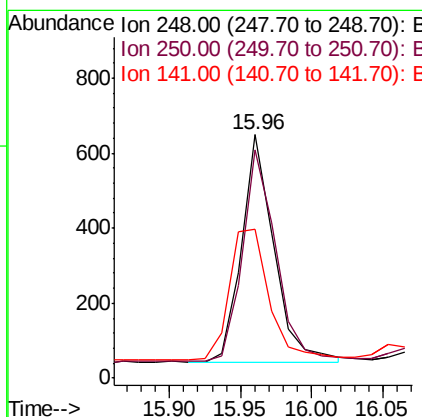
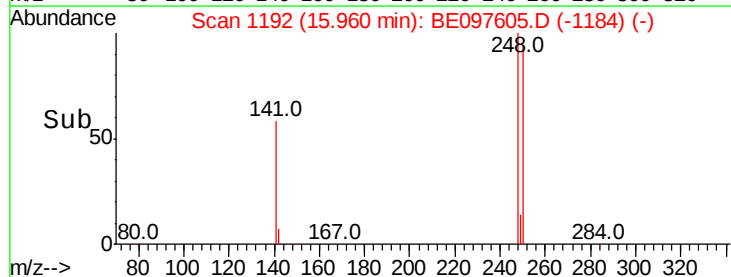
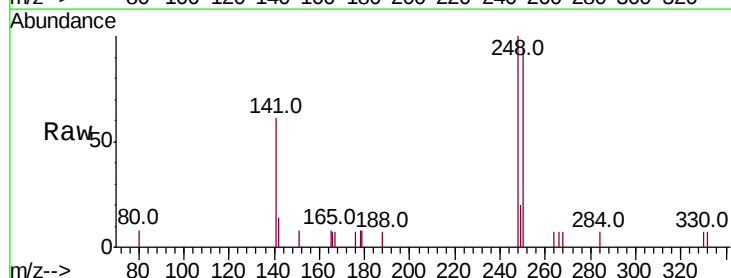
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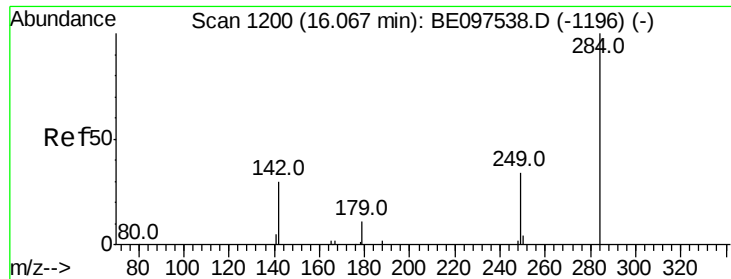
Sohil
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#20
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	93.8	62.7	94.1	
141	61.3	48.2	72.2	





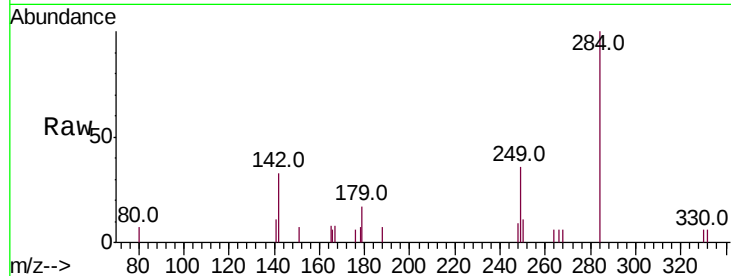
#21
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

Instrument :
BNA_E
ClientSampleId :
PB112986BS

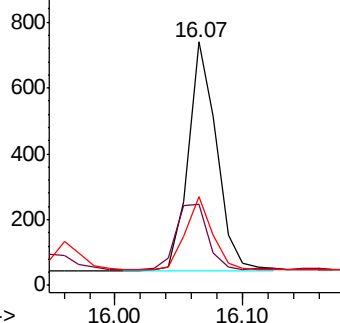
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.9	22.1	33.1
249	30.6	34.8	52.2#

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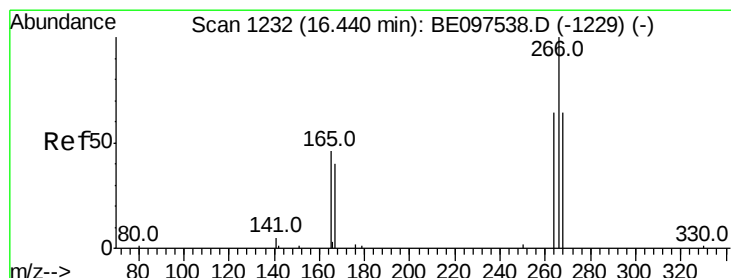
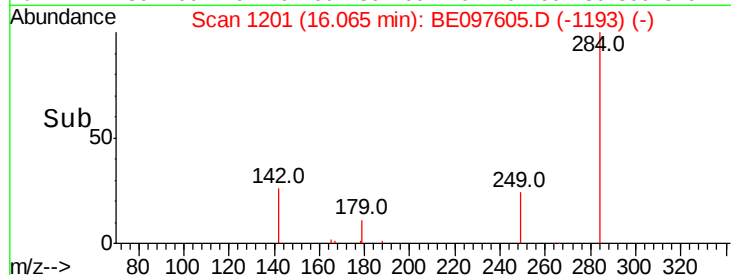
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

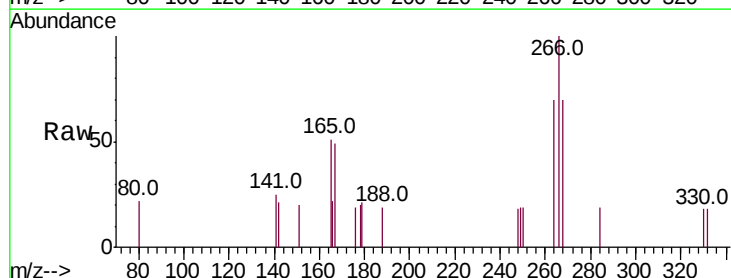


Time-->

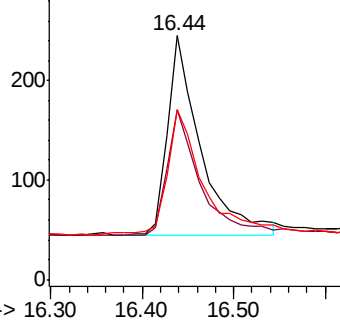


#22
Pentachlorophenol
Concen: 0.551 ng
RT: 16.44 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

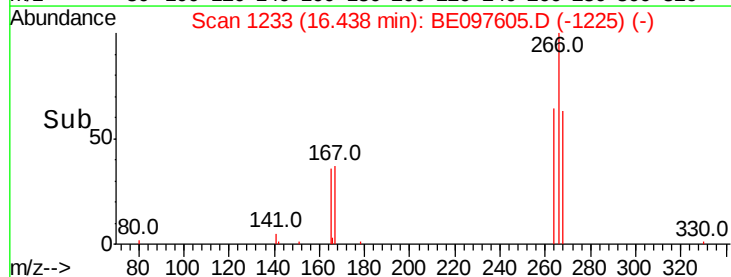
Tgt Ion	Ratio	Lower	Upper
266	100		
264	69.8	72.5	108.7#
268	69.8	73.8	110.6#



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



Time-->





#23

Phenanthrene

Concen: 0.400 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Instrument :

BNA_E

ClientSampleId :

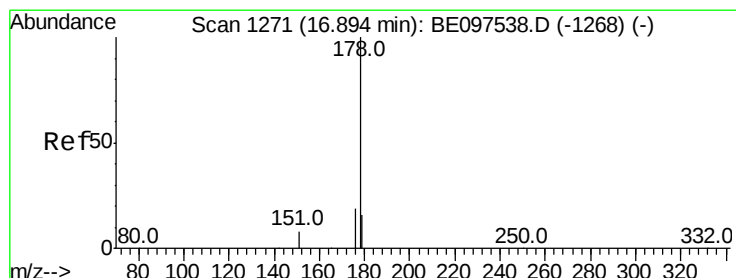
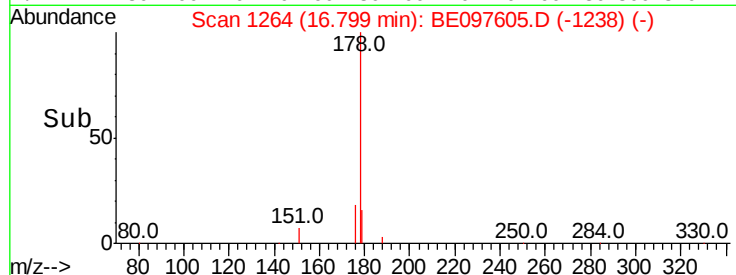
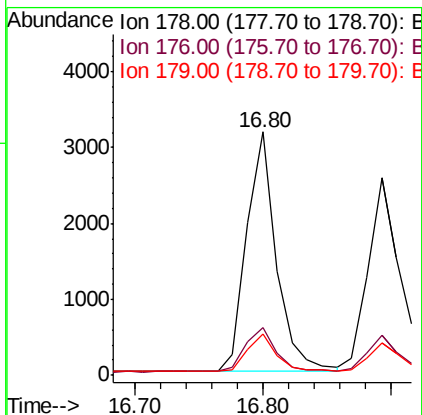
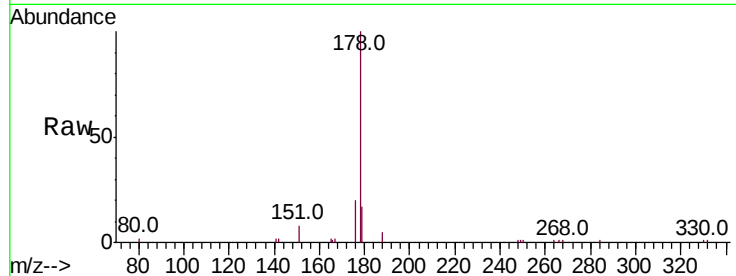
PB112986BS

Tot Ion:178	Resp:	5130
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.1 22.7
179	16.2	11.8 17.6

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#24

Anthracene

Concen: 0.398 ng

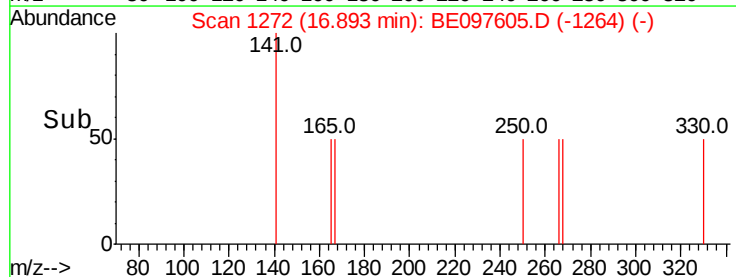
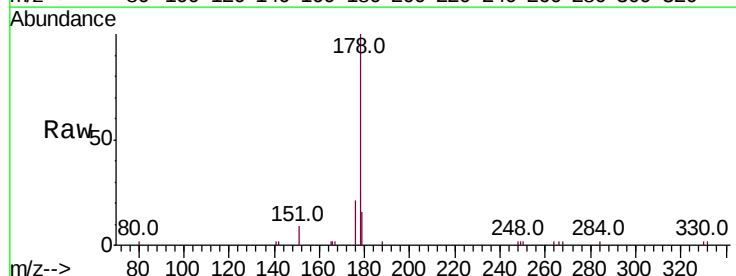
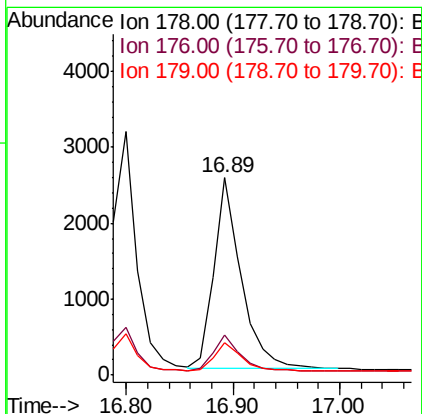
RT: 16.89 min Scan# 1272

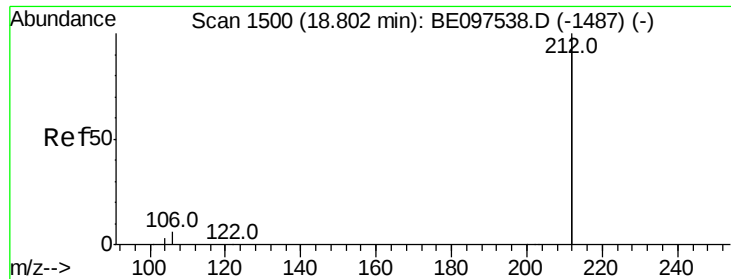
Delta R.T. -0.00 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Tgt Ion:178	Resp:	4502
Ion Ratio	Lower	Upper
178	100	
176	18.5	12.8 19.2
179	14.8	13.0 19.6





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 18.80 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Instrument :

BNA_E

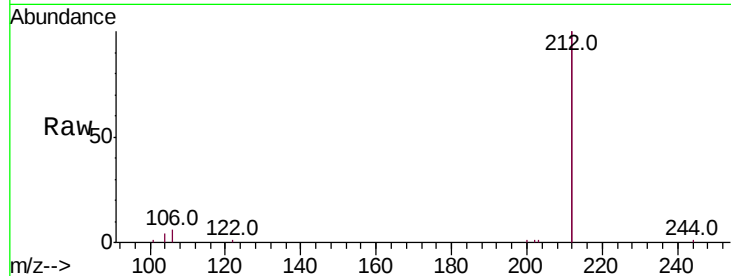
ClientSampleId :

PB112986BS

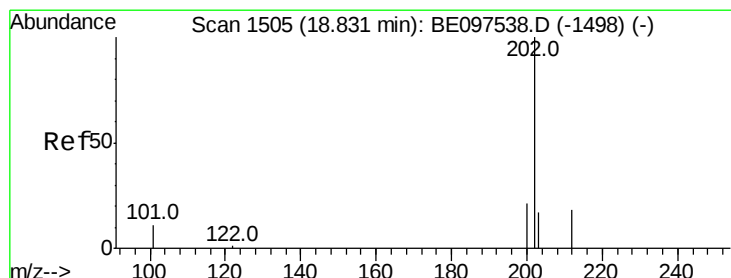
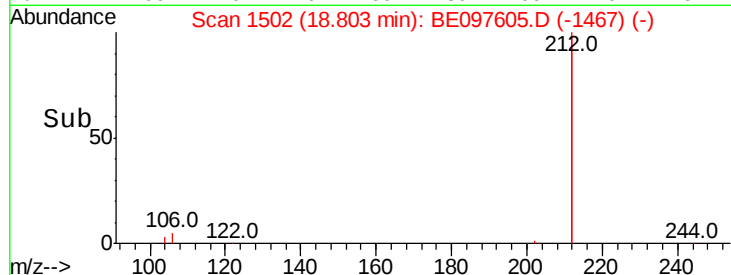
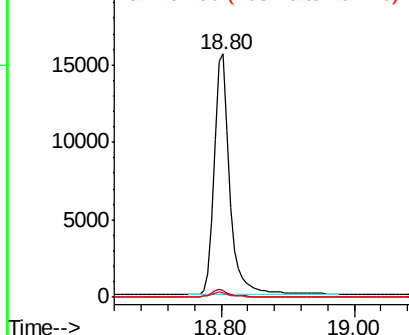
Tot Ion:	212	Resp:	25073
Ion Ratio	Lower	Upper	
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

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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: 0.341 ng

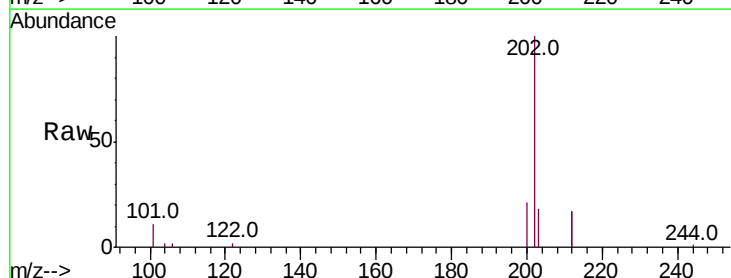
RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

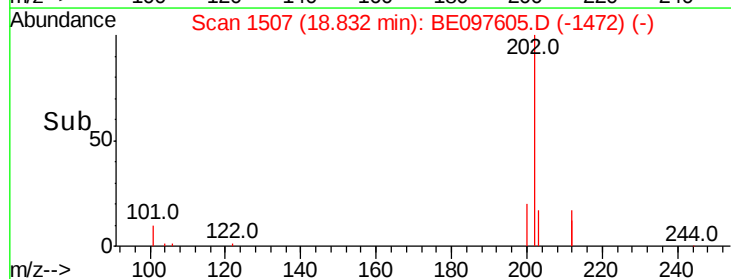
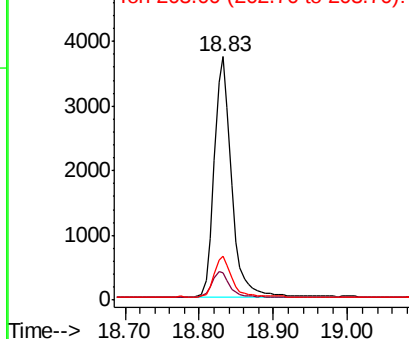
Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Tgt Ion:	202	Resp:	6055
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.8	14.8
203	16.9	13.7	20.5



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





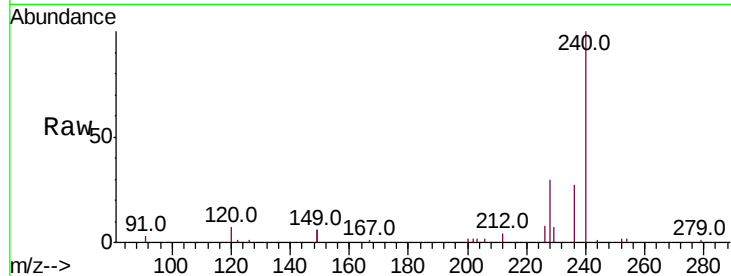
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

Instrument :
BNA_E
ClientSampleId :
PB112986BS

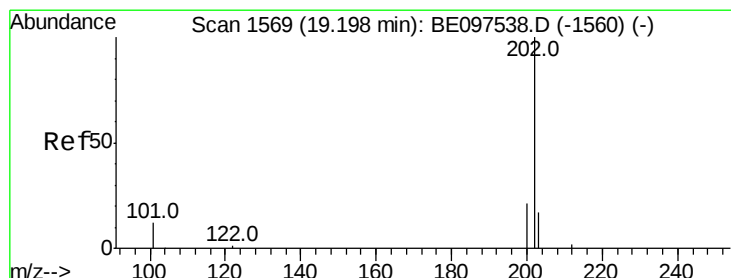
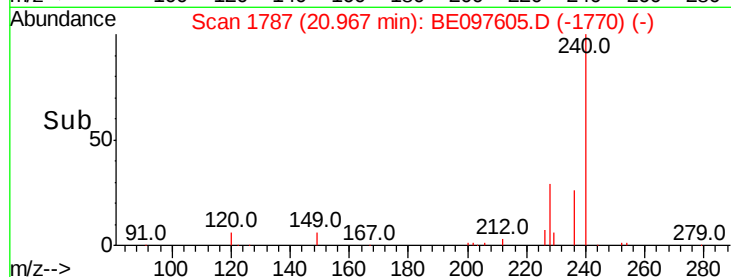
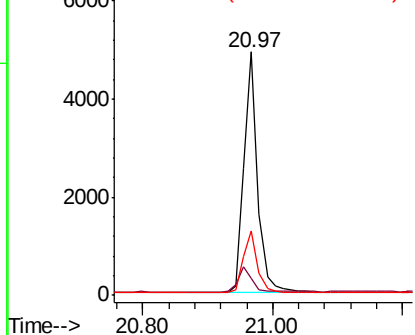
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.5	8.3
236	26.7	20.7	31.1

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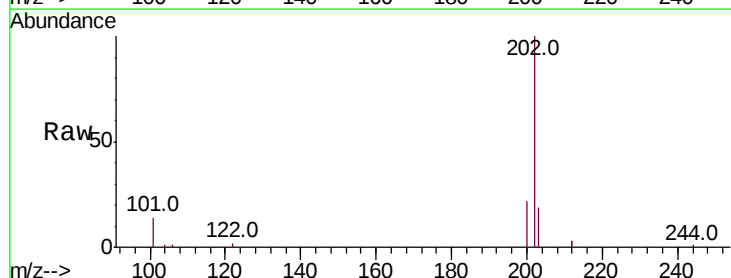


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

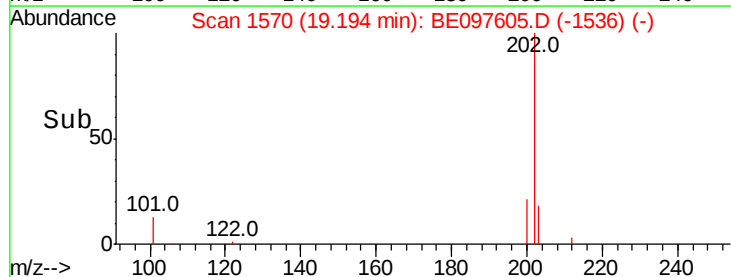
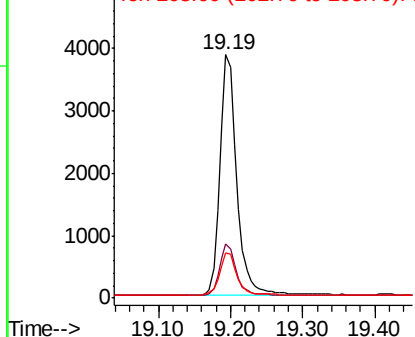


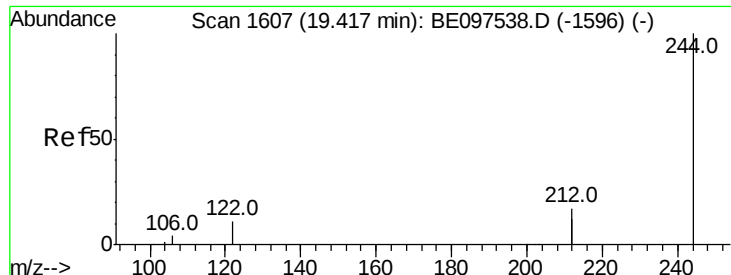
#28
Pyrene
Concen: 0.375 ng
RT: 19.19 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	18.1	13.8	20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





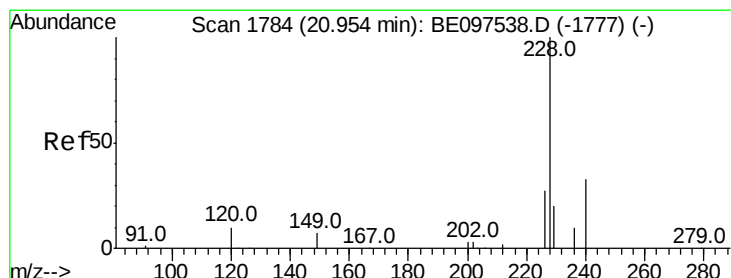
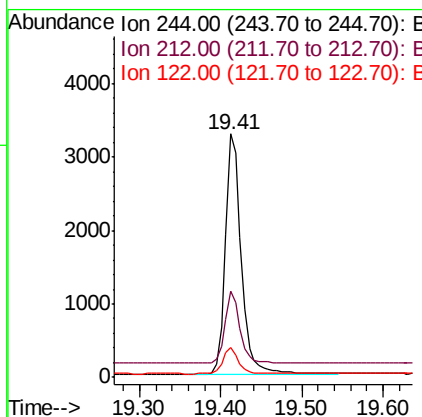
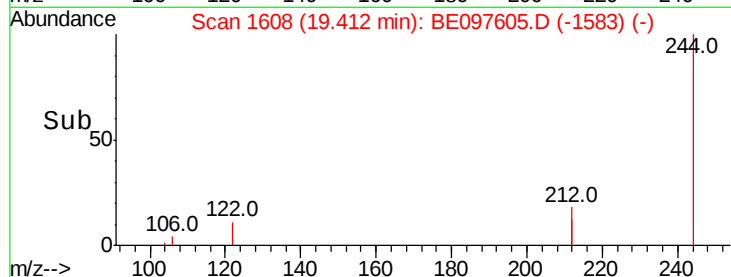
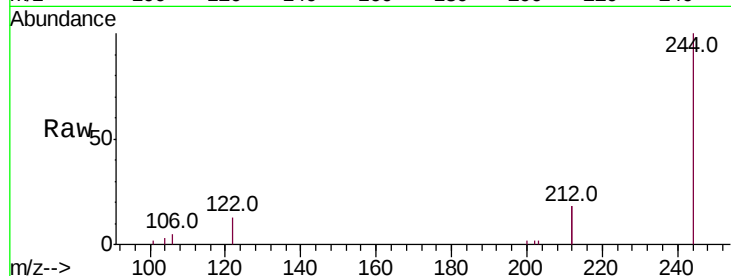
#29
 Terphenyl-d14
 Concen: 0.335 ng
 RT: 19.41 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BE097605.D
 Acq: 21 Sep 2018 11:04

Instrument :
 BNA_E
 ClientSampleId :
 PB112986BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	35.2	25.4	38.0
122	12.5	8.1	12.1

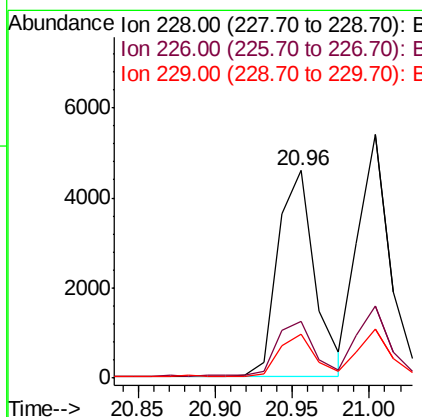
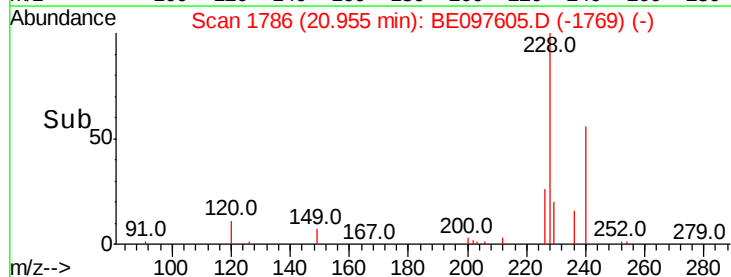
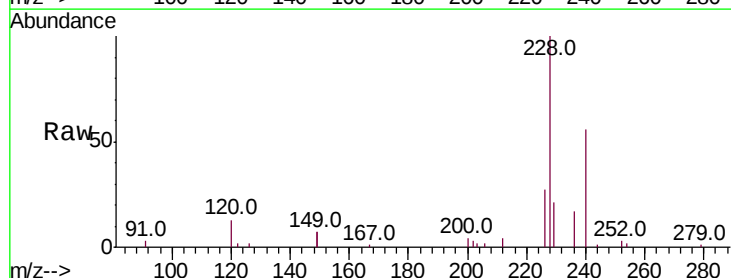
Manual Integrations
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#30
 Benzo(a)anthracene
 Concen: 0.416 ng
 RT: 20.96 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097605.D
 Acq: 21 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.0	36.0
229	20.9	16.0	24.0





#31

Chrysene

Concen: 0.397 ng

RT: 21.00 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Instrument :

BNA_E

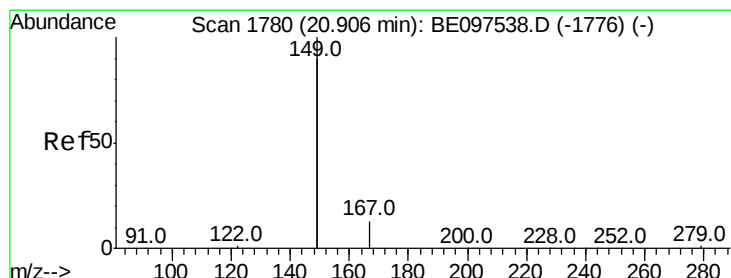
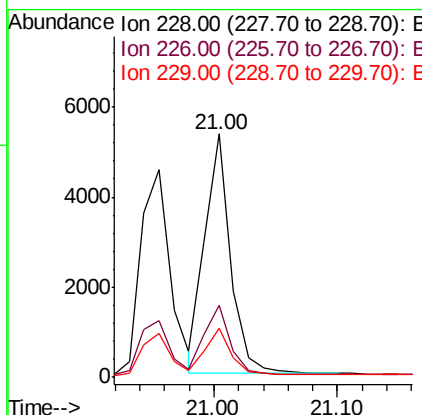
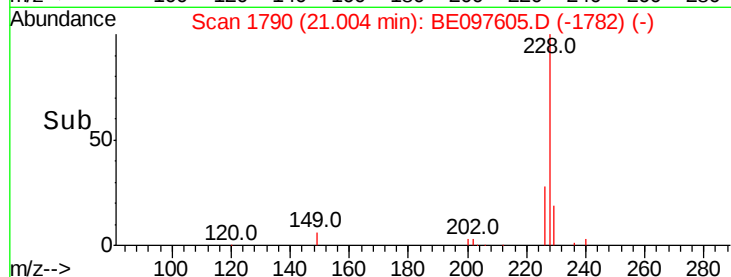
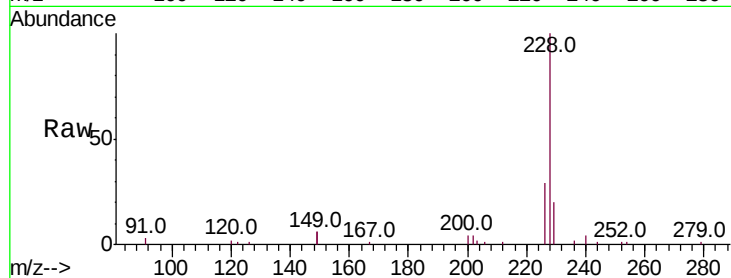
ClientSampleId :

PB112986BS

Tot Ion:228	Resp:	7749
Ion Ratio	Lower	Upper
228 100		
226 29.4	24.0	36.0
229 20.1	16.0	24.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.335 ng

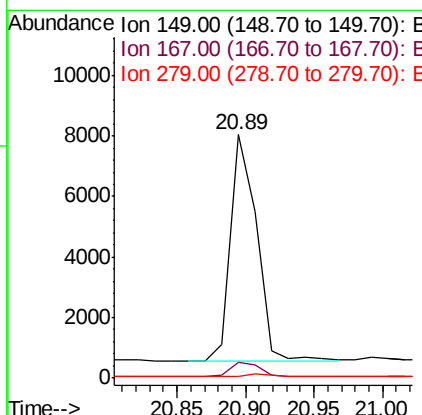
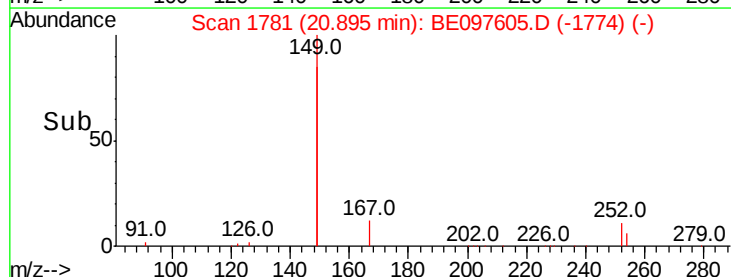
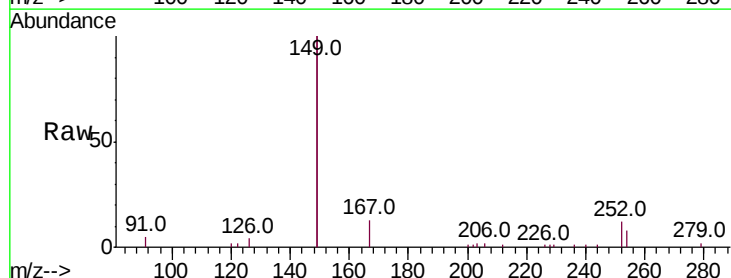
RT: 20.89 min Scan# 1781

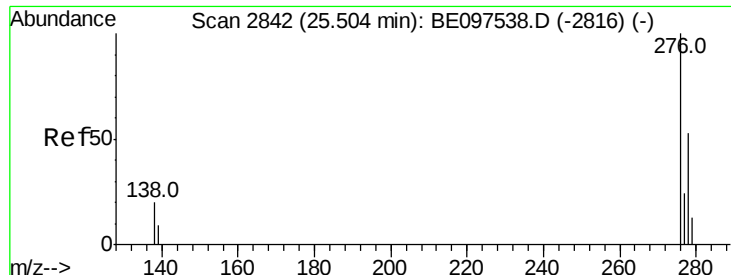
Delta R.T. -0.01 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Tgt Ion:149	Resp:	9932
Ion Ratio	Lower	Upper
149 100		
167 6.6	5.4	8.0
279 1.0	0.7	1.1





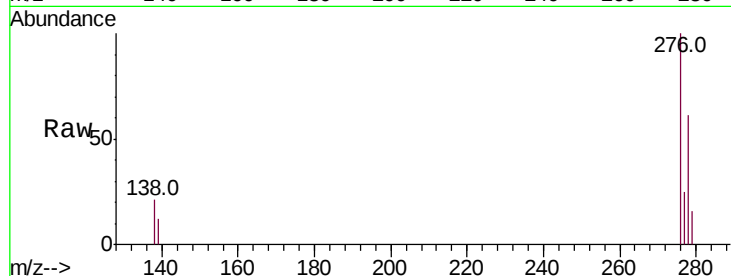
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.455 ng
 RT: 25.50 min Scan# 2843
 Delta R.T. -0.00 min
 Lab File: BE097605.D
 Acq: 21 Sep 2018 11:04

Instrument :
 BNA_E
 ClientSampleId :
 PB112986BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	22.5	33.7#
277	24.9	19.9	29.9

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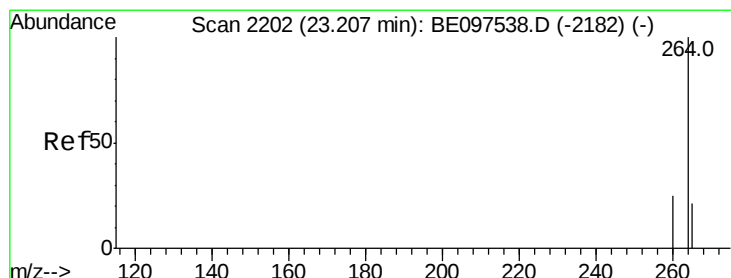
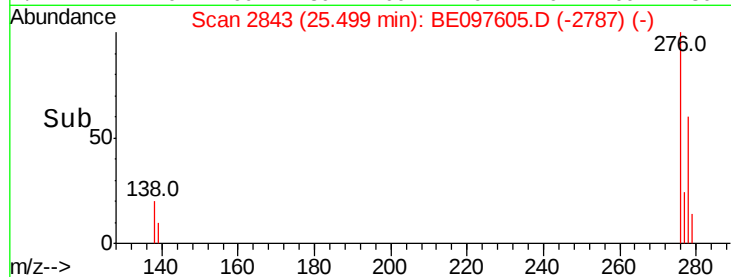
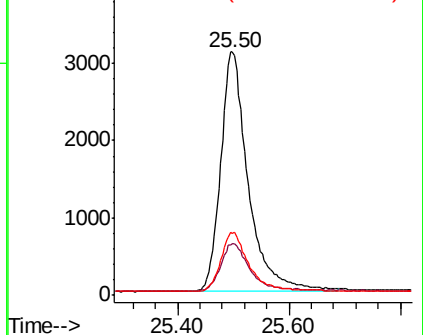


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BE097605.D
 Acq: 21 Sep 2018 11:04

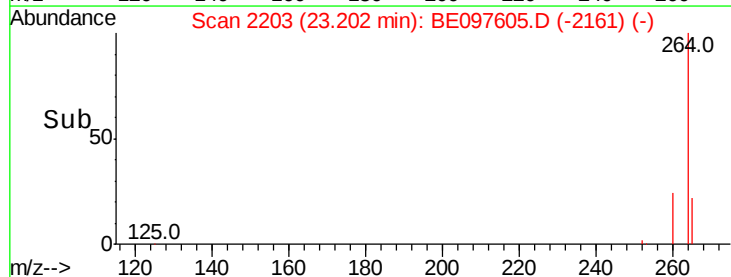
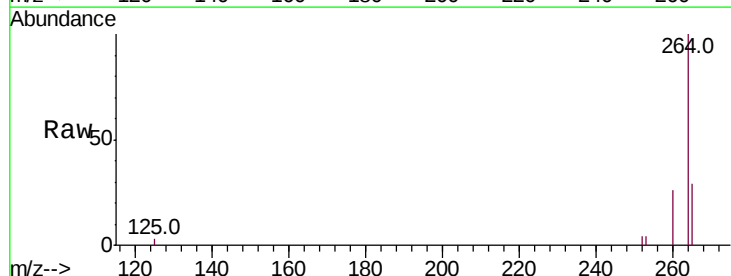
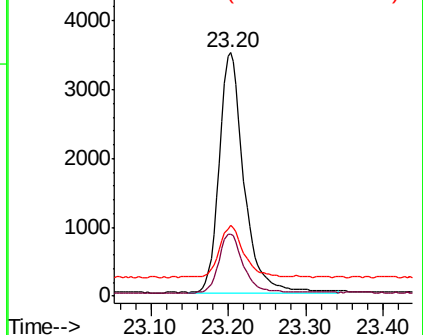
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	29.2	22.8	34.2

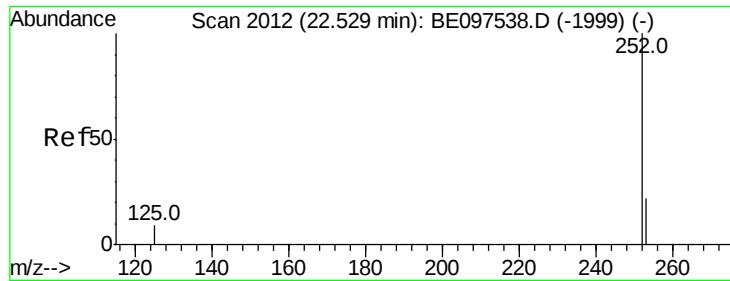
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





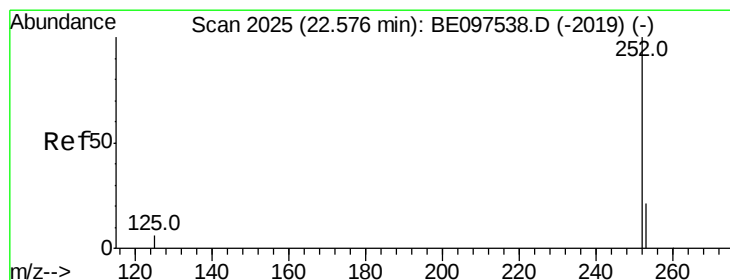
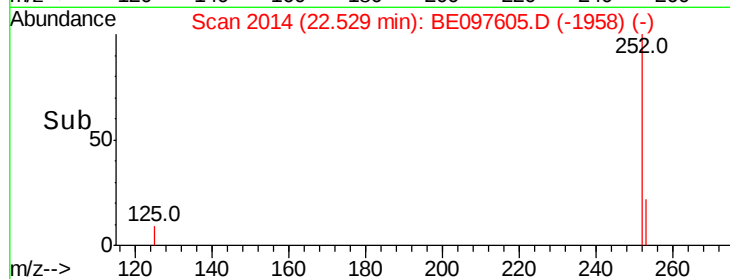
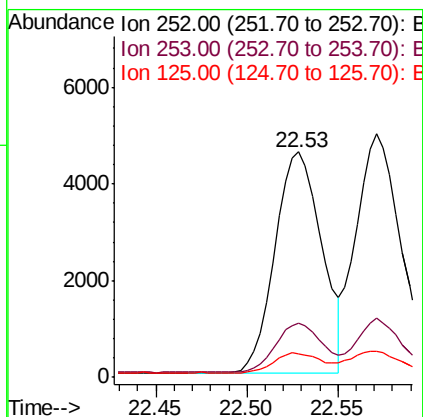
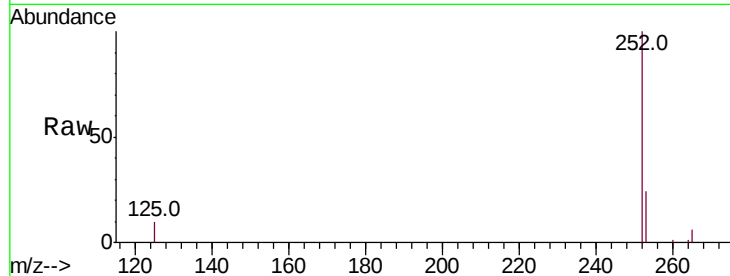
#35
Benzo(b)fluoranthene
Concen: 0.409 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

Instrument :
BNA_E
ClientSampleId :
PB112986BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.0	30.0
125	10.4	16.0	24.0#

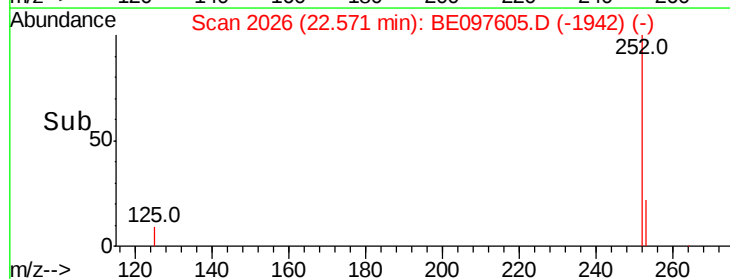
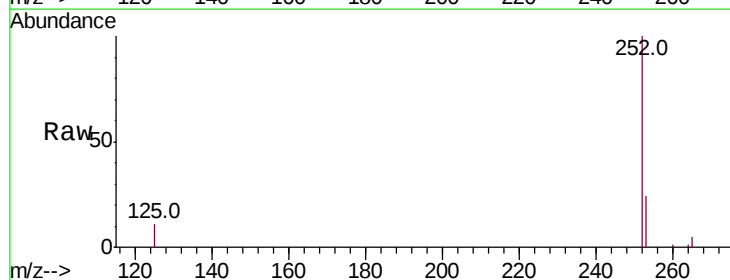
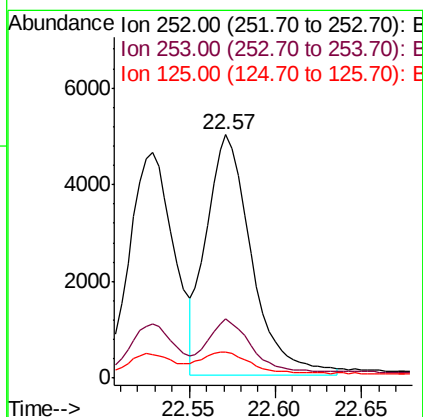
Manual Integrations
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#36
Benzo(k)fluoranthene
Concen: 0.403 ng m
RT: 22.57 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	16.0	24.0#
125	10.8	8.0	12.0





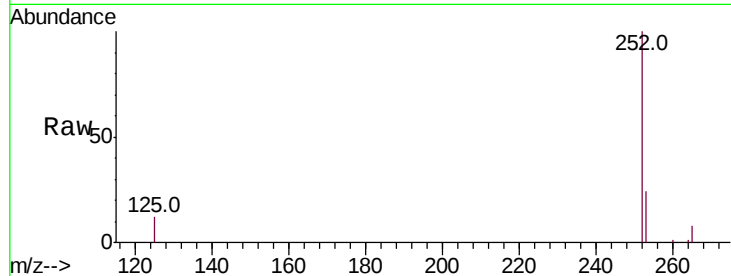
#37
Benzo(a)pyrene
Concen: 0.425 ng
RT: 23.10 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

Instrument :
BNA_E
ClientSampleId :
PB112986BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.0	24.0
125	12.2	12.0	18.0

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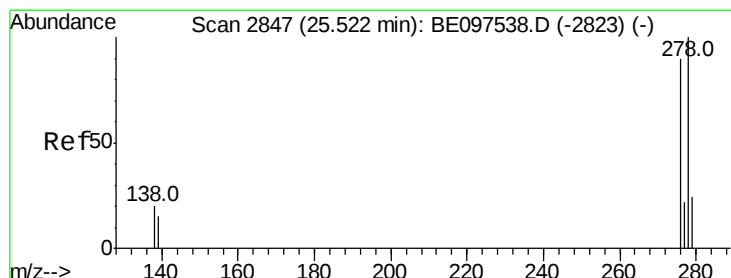
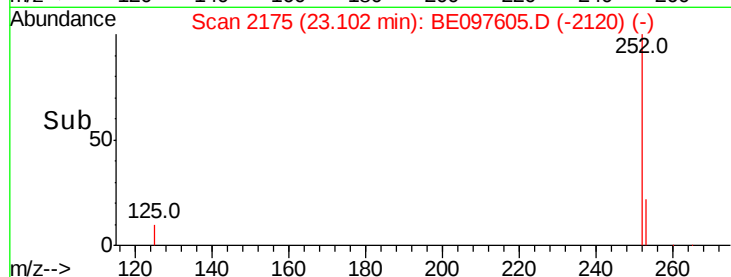
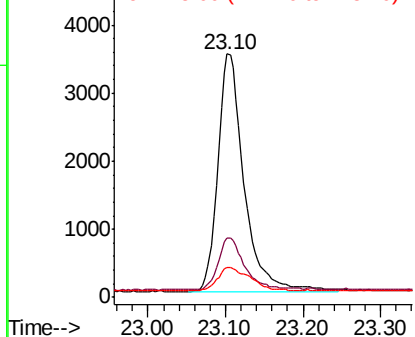


Abundance

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: 0.423 ng
RT: 25.51 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BE097605.D
Acq: 21 Sep 2018 11:04

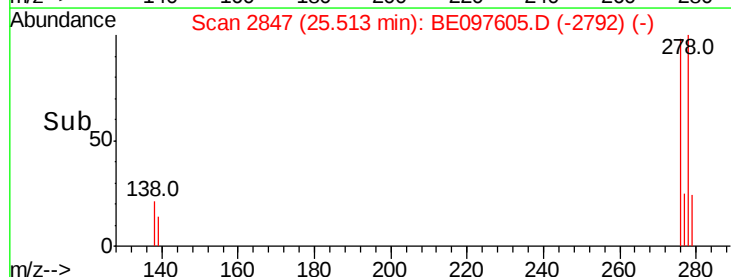
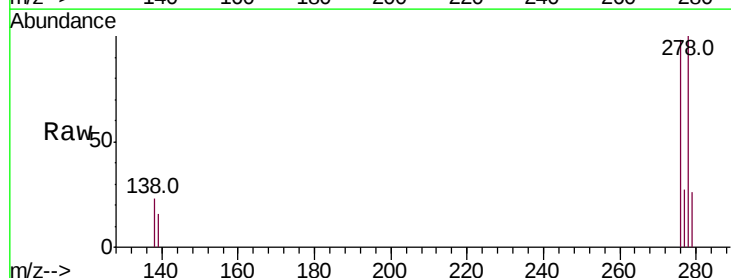
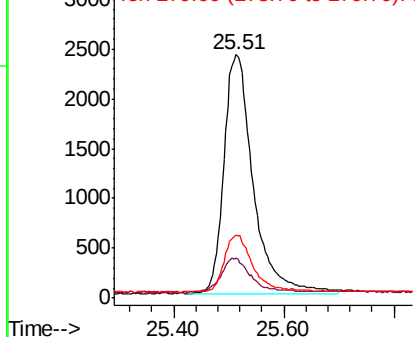
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	16.0	24.0
279	26.0	20.0	30.0

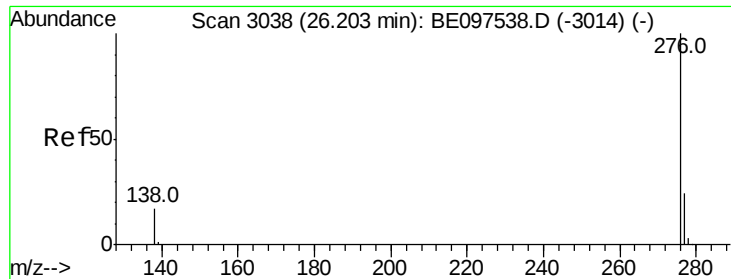
Abundance

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: 0.438 ng

RT: 26.20 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BE097605.D

Acq: 21 Sep 2018 11:04

Instrument :

BNA_E

ClientSampleId :

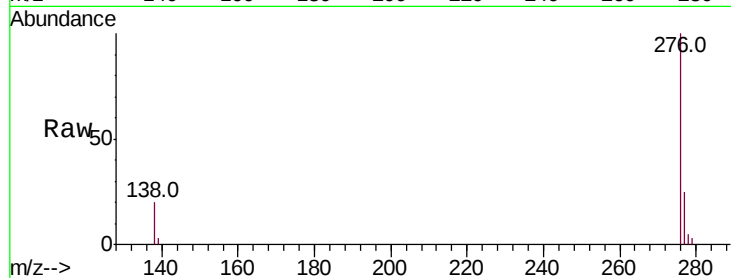
PB112986BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	16.0	24.0#
138	20.0	20.0	30.0

Manual Integrations
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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

