

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
 Data File : BE098554.D
 Acq On : 21 Dec 2018 16:31
 Operator : SJ/JU
 Sample : PB115910BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115910BSD

Manual Integrations
 APPROVED

Sohil
 12/26/2018 3:24:37 PM

Quant Time: Dec 24 15:40:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	374	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	1622	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	1131	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	4121	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	8053	0.40	ng	-0.01
34) Perylene-d12	23.99	264	7567	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	327	0.37	ng	0.00
5) Phenol-d6	7.04	99	482	0.39	ng	0.00
8) Nitrobenzene-d5	9.03	82	436	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	1000m	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	16.02	330	208	0.50	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	1466	0.31	ng	0.00
25) Fluoranthene-d10	19.30	212	24884	0.47	ng	-0.01
29) Terphenyl-d14	19.89	244	5960	0.30	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	203	0.314	ng	# 31
3) n-Nitrosodimethylamine	3.69	42	171	0.294	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	271	0.230	ng	90
9) Naphthalene	10.71	128	5982	0.366	ng	# 96
10) Hexachlorobutadiene	10.98	225	396	0.381	ng	95
12) 2-Methylnaphthalene	12.32	142	998	0.376	ng	# 93
16) Acenaphthylene	14.24	152	1765	0.333	ng	98
17) Acenaphthene	14.59	154	1135	0.357	ng	99
18) Fluorene	15.56	166	1716	0.403	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	605	0.273	ng	91
21) Hexachlorobenzene	16.57	284	714	0.299	ng	91
22) Pentachlorophenol	16.93	266	449	0.979	ng	94
23) Phenanthrene	17.30	178	3686	0.368	ng	99
24) Anthracene	17.40	178	3052	0.342	ng	99
26) Fluoranthene	19.33	202	6503	0.491	ng	98
28) Pyrene	19.69	202	6762	0.268	ng	99
30) Benzo(a)anthracene	21.44	228	8153	0.356	ng	100
31) Chrysene	21.49	228	8885	0.370	ng	98
32) Bis(2-ethylhexyl)phthalate	21.35	149	14505	0.311	ng	100
33) Indeno(1,2,3-cd)pyrene	26.67	276	8706	0.364	ng	# 88
35) Benzo(b)fluoranthene	23.21	252	8373	0.405	ng	98
36) Benzo(k)fluoranthene	23.26	252	10398m	0.431	ng	
37) Benzo(a)pyrene	23.88	252	8040	0.377	ng	97
38) Dibenzo(a,h)anthracene	26.69	278	7130	0.355	ng	98
39) Benzo(g,h,i)perylene	27.49	276	7447	0.367	ng	98

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

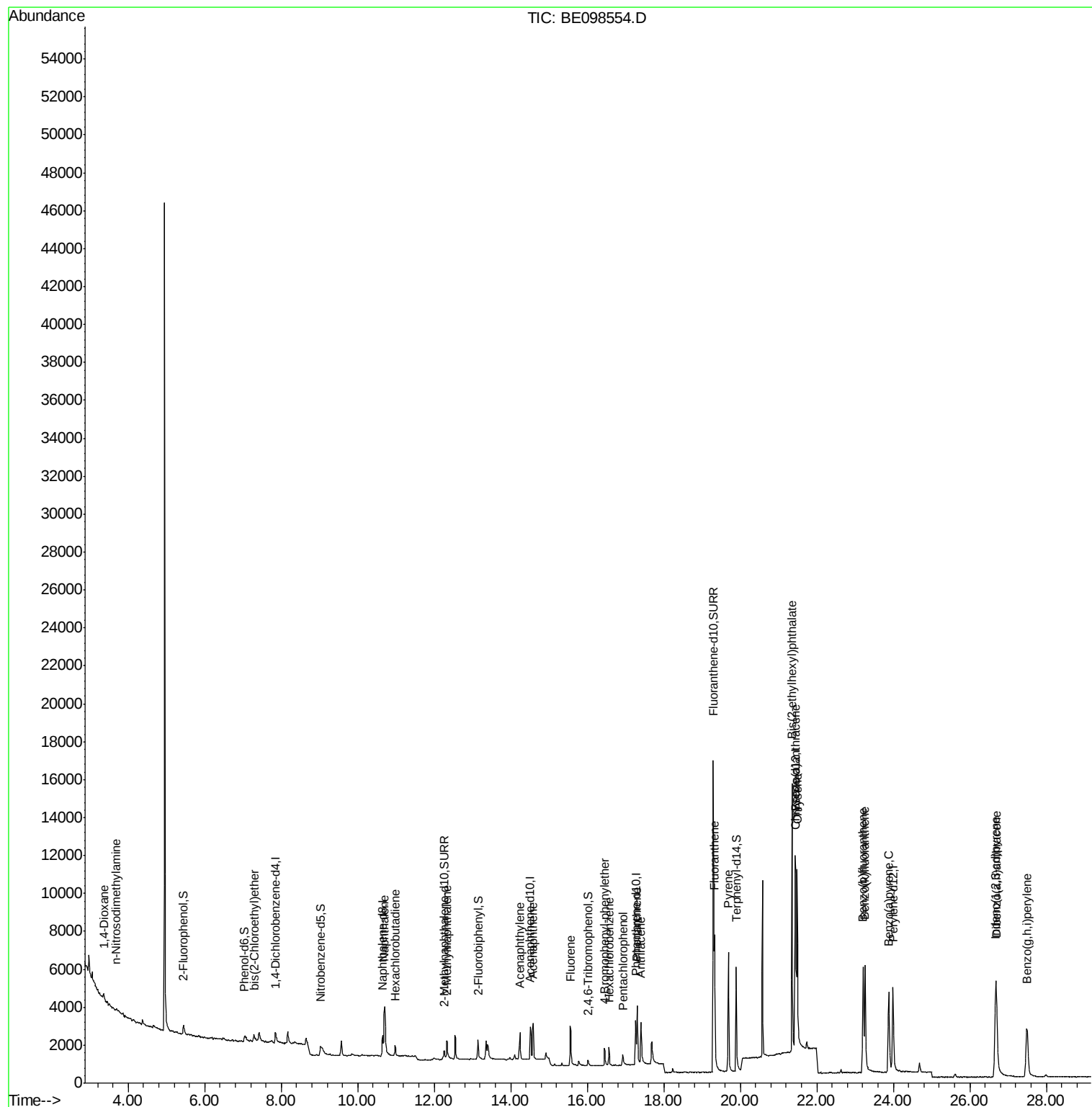
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
Data File : BE098554.D
Acq On : 21 Dec 2018 16:31
Operator : SJ/JU
Sample : PB115910BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

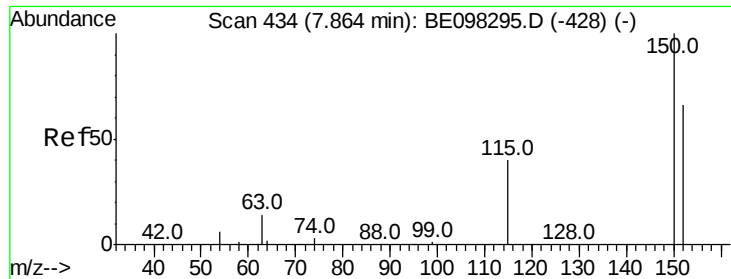
Instrument :
BNA_E
ClientSampleId :
PB115910BSD

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12/26/2018 3:24:37 PM

Quant Time: Dec 24 15:40:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
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#1

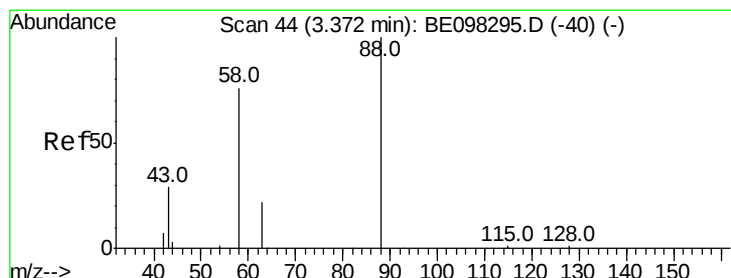
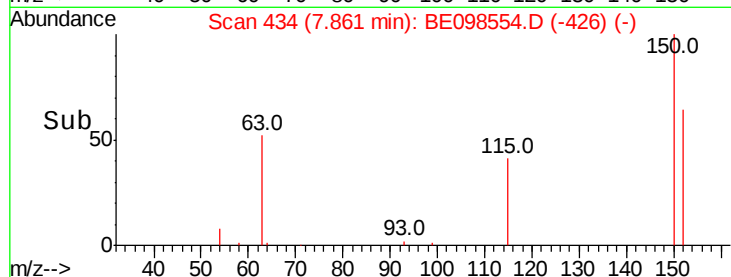
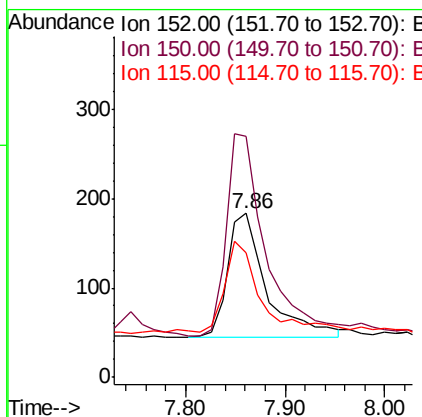
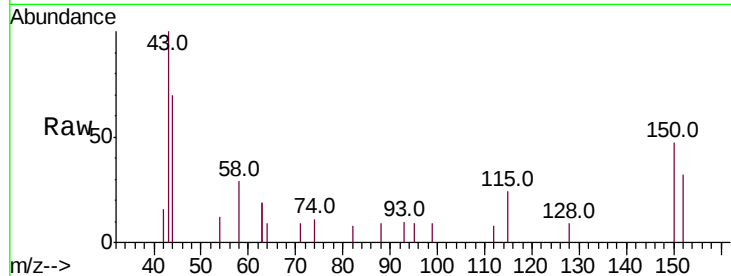
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098554.D
Acq: 21 Dec 2018 16:31

Instrument :
BNA_E
ClientSampleId :
PB115910BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	124.2	186.4
115	76.5	53.9	80.9

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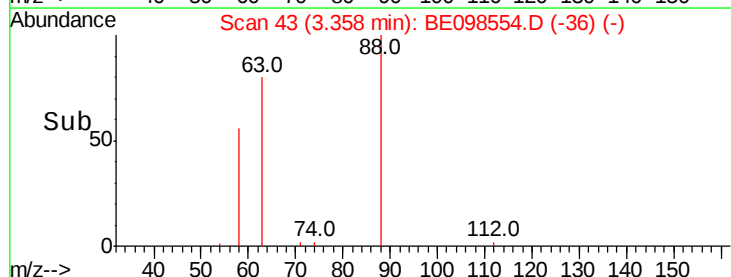
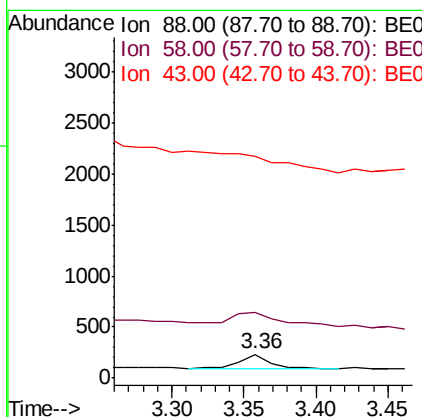
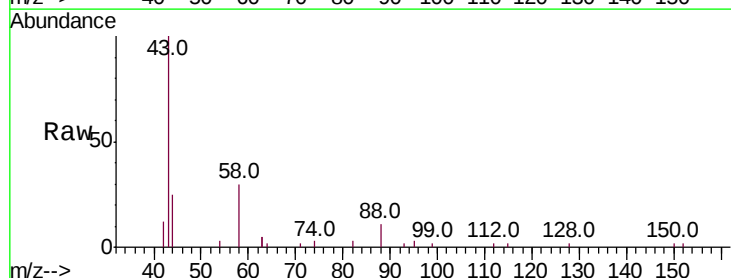
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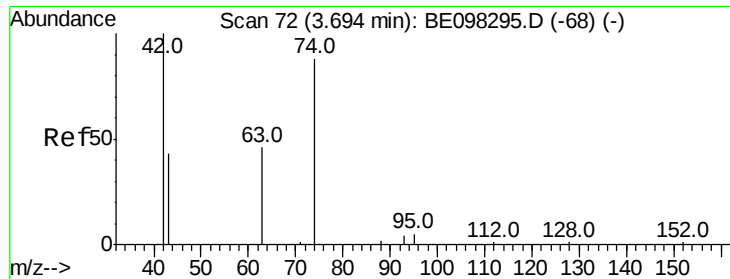


#2

1,4-Dioxane
Concen: 0.314 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098554.D
Acq: 21 Dec 2018 16:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	158.6	75.0	112.6#
43	0.0	38.3	57.5#





#3

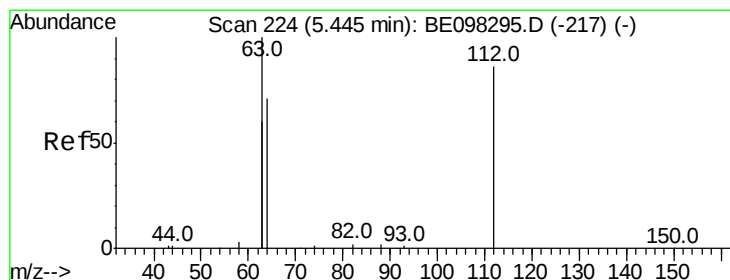
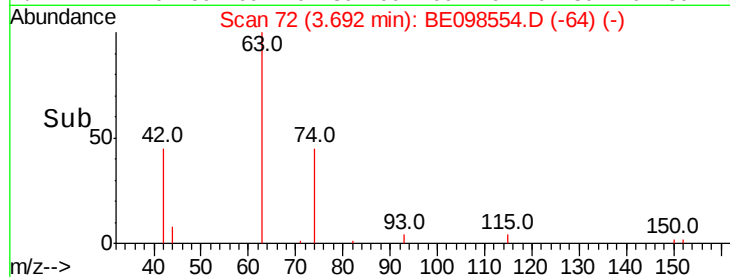
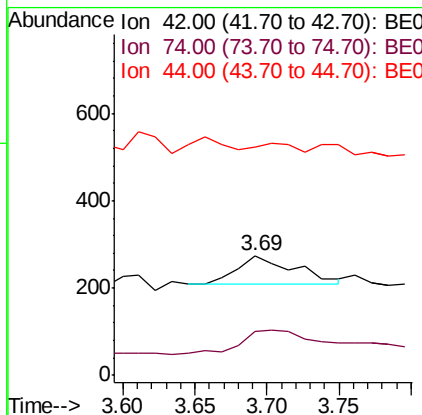
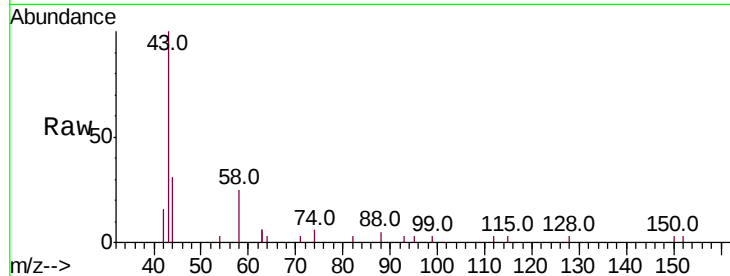
n-Nitrosodimethylamine
 Concen: 0.294 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098554.D
 Acq: 21 Dec 2018 16:31

Instrument :
 BNA_E
 ClientSampleId :
 PB115910BSD

Tot Ion	42	Resp	171
Ion	Ratio	Lower	Upper
42	100		
74	109.9	0.0	0.0#
44	21.1	0.0	0.0#

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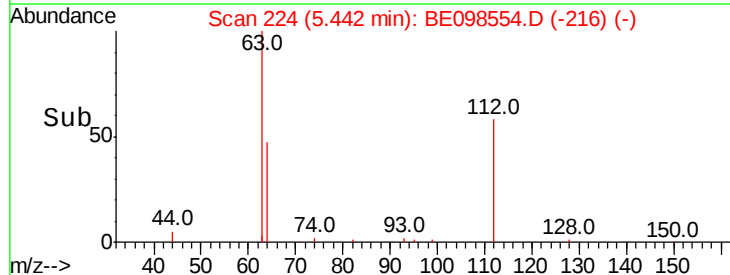
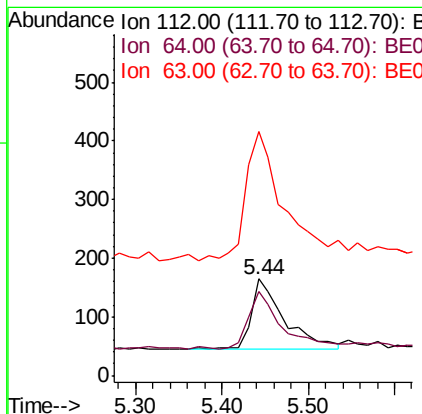
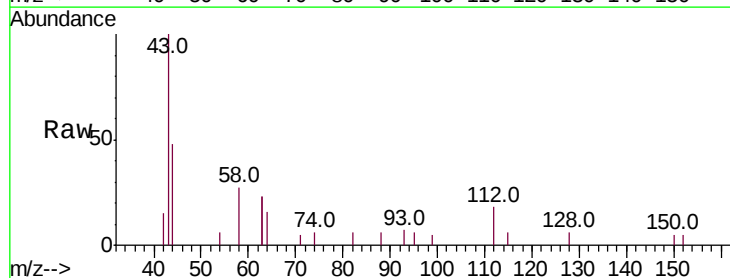
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#4

2-Fluorophenol
 Concen: 0.374 ng
 RT: 5.44 min Scan# 224
 Delta R.T. -0.00 min
 Lab File: BE098554.D
 Acq: 21 Dec 2018 16:31

Tgt Ion	112	Resp	327
Ion	Ratio	Lower	Upper
112	100		
64	83.8	59.8	89.8
63	249.2	133.7	200.5#





#5

Phenol-d6

Concen: 0.389 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Instrument :

BNA_E

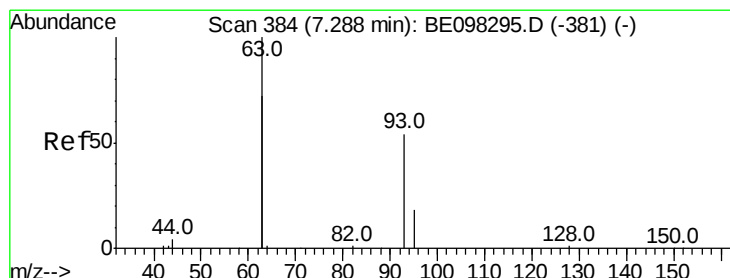
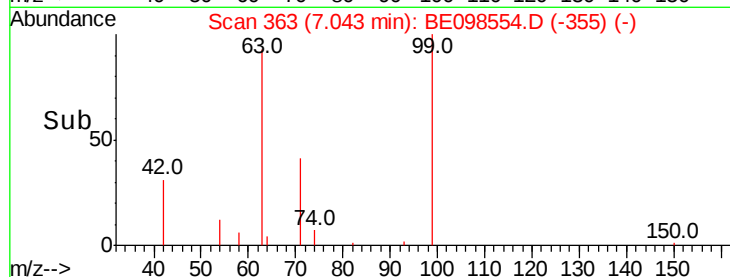
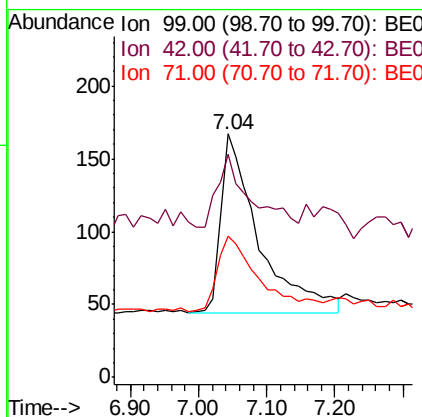
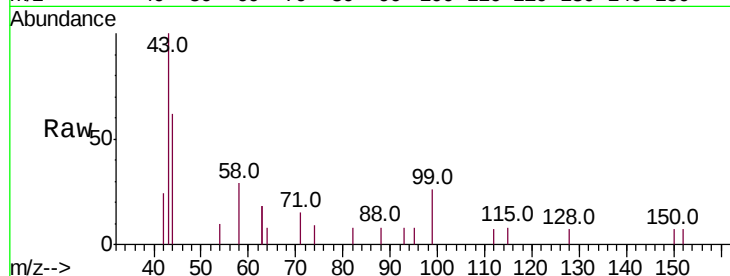
ClientSampleId :

PB115910BSD

Tot Ion:	99	Resp:	482
Ion	Ratio	Lower	Upper
99	100		
42	33.8	26.3	39.5
71	47.3	33.6	50.4

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#6

bis(2-Chloroethyl)ether

Concen: 0.230 ng

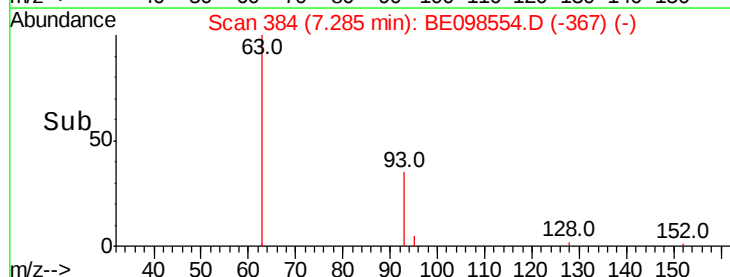
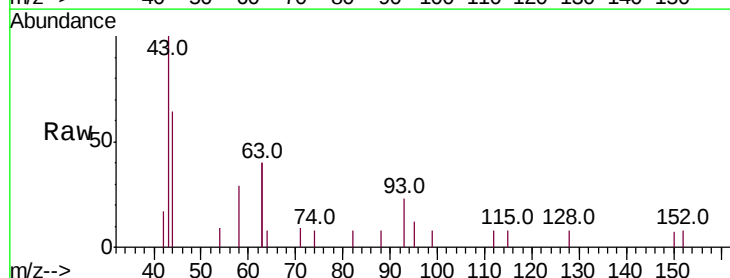
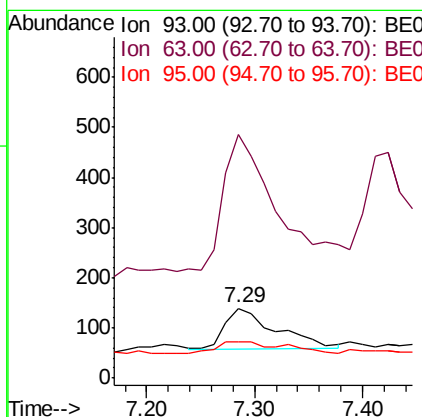
RT: 7.29 min Scan# 384

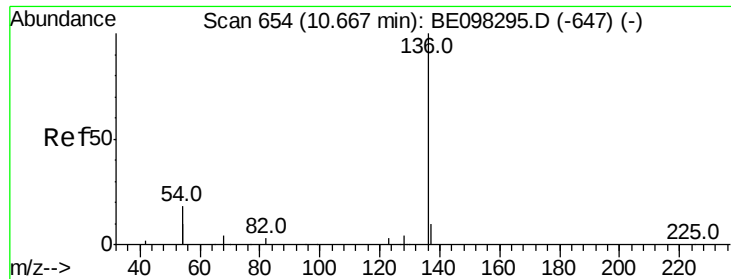
Delta R.T. -0.00 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Tgt Ion:	93	Resp:	271
Ion	Ratio	Lower	Upper
93	100		
63	352.0	264.4	396.6
95	38.0	26.6	40.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Instrument :

BNA_E

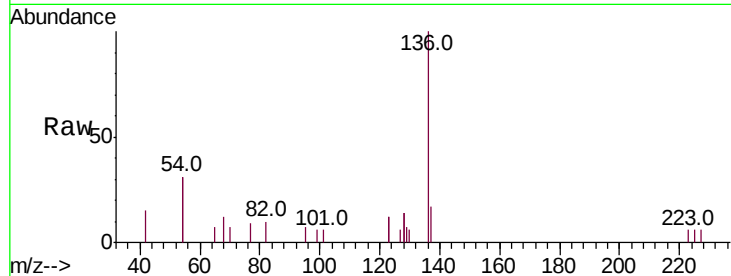
ClientSampleId :

PB115910BSD

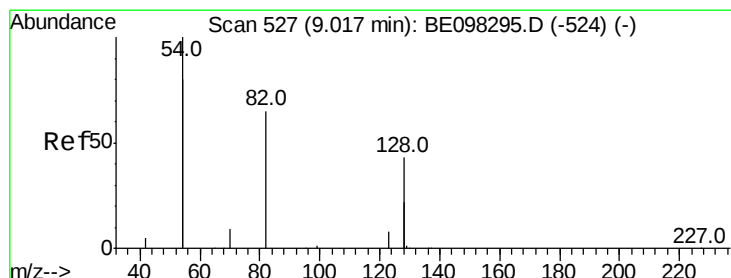
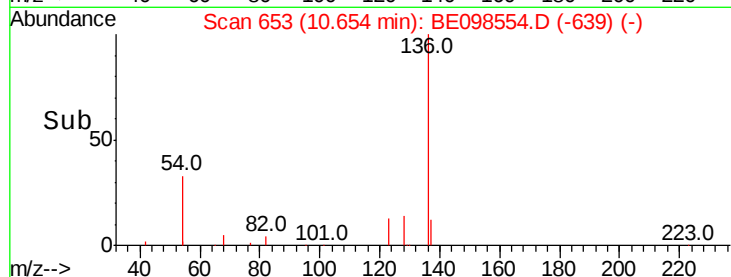
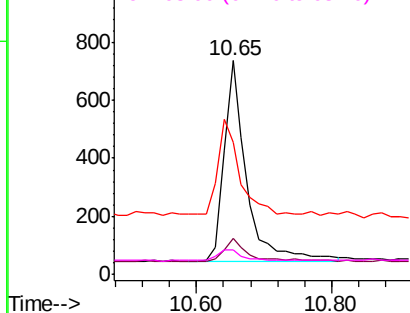
Tot Ion	Ratio	Lower	Upper
136	100		
137	17.1	9.2	13.8#
54	61.6	28.4	42.6#
68	11.7	5.4	8.0#

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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: 0.295 ng

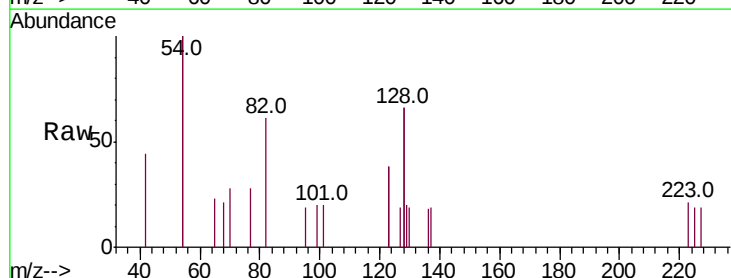
RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

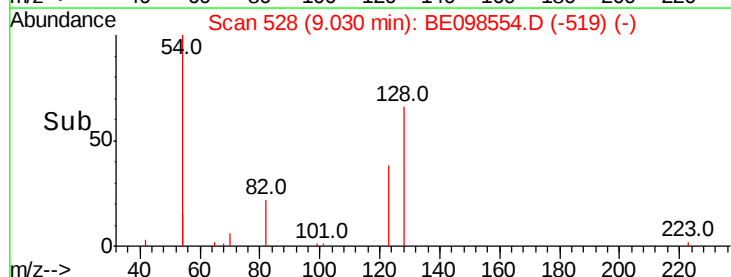
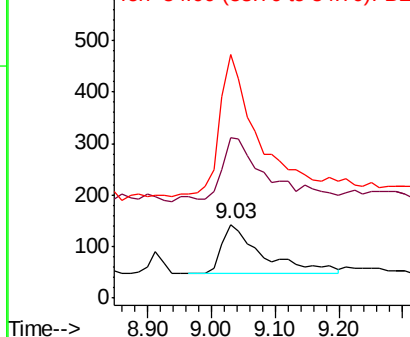
Lab File: BE098554.D

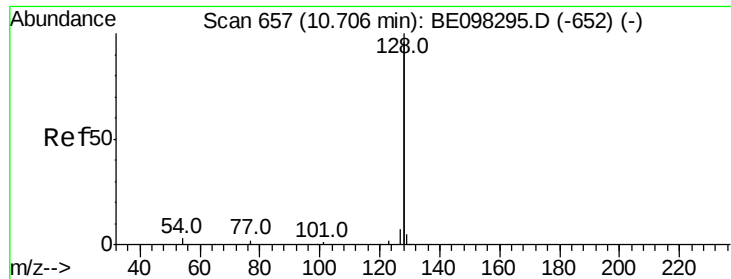
Acq: 21 Dec 2018 16:31

Tgt Ion	Ratio	Lower	Upper
82	100		
128	218.2	102.4	153.6#
54	330.1	221.8	332.8



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: 0.366 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Instrument :

BNA_E

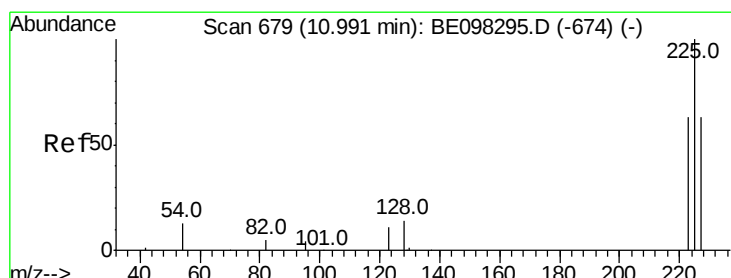
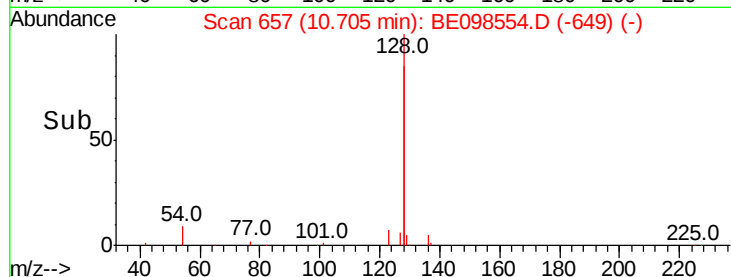
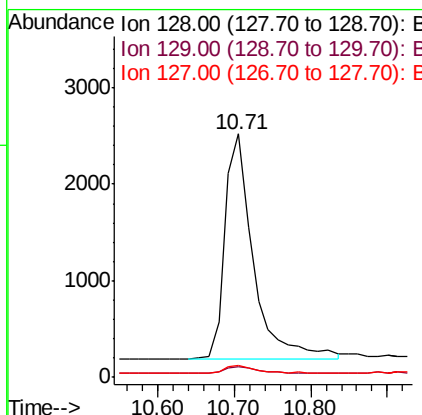
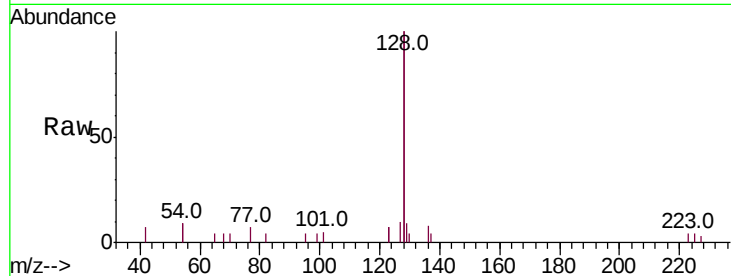
ClientSampleId :

PB115910BSD

Tot Ion:	128	Resp:	5982
Ion Ratio	Lower	Upper	
128	100		
129	4.6	2.5	3.7#
127	4.8	2.7	4.1#

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#10

Hexachlorobutadiene

Concen: 0.381 ng

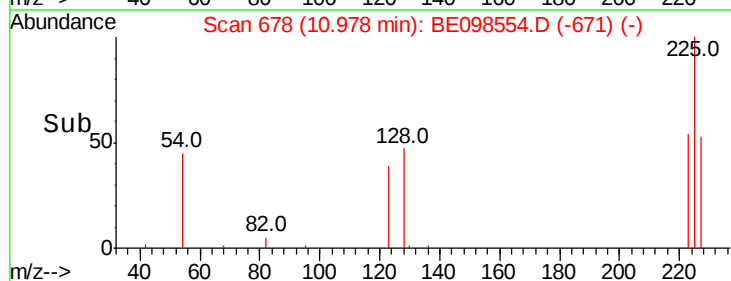
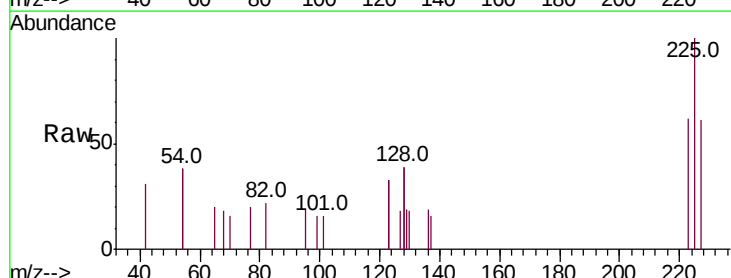
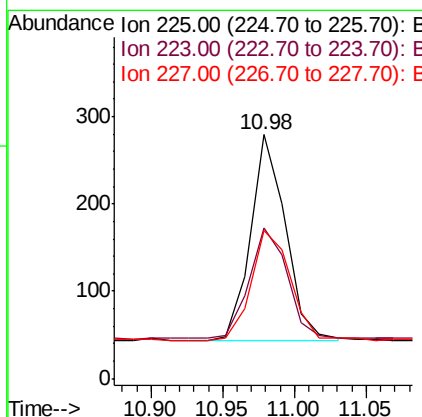
RT: 10.98 min Scan# 678

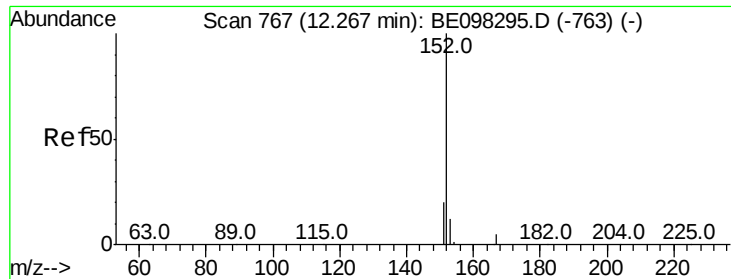
Delta R.T. -0.01 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Tgt Ion:	225	Resp:	396
Ion Ratio	Lower	Upper	
225	100		
223	58.6	49.4	74.0
227	60.9	52.0	78.0





#11

2-Methylnaphthalene-d10

Concen: 0.379 ng m

RT: 12.25 min Scan# 766

Delta R.T. -0.02 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Instrument :

BNA_E

ClientSampleId :

PB115910BSD

Tot Ion:152 Resp: 1000

Ion Ratio Lower Upper

152 100

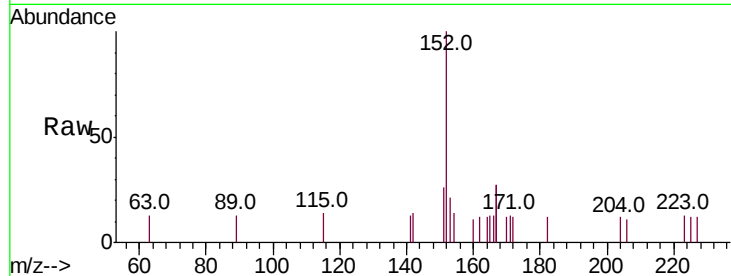
151 19.6 16.2 24.4

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.25

400

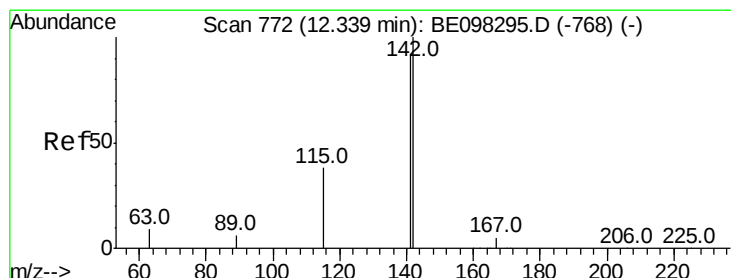
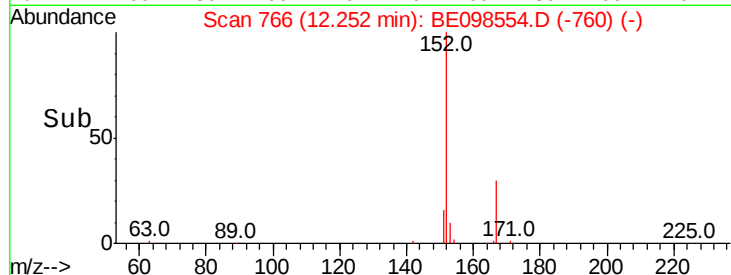
300

200

100

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.376 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.02 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

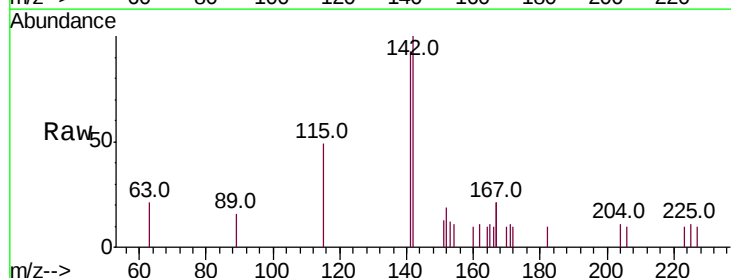
Tgt Ion:142 Resp: 998

Ion Ratio Lower Upper

142 100

141 92.6 71.0 106.6

115 49.3 32.2 48.2#



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

12.32

600

500

400

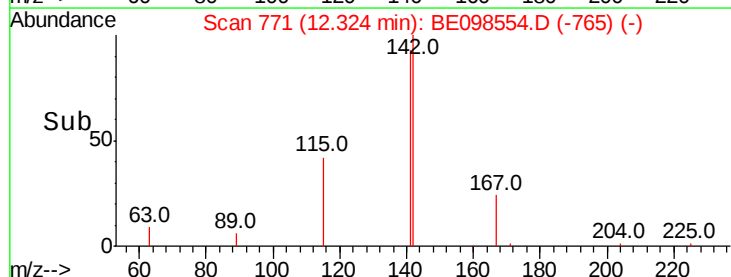
300

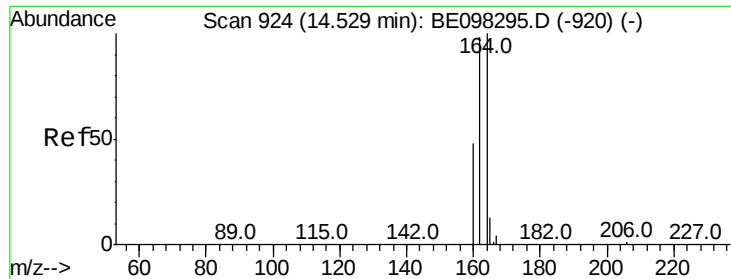
200

100

0

Time-->





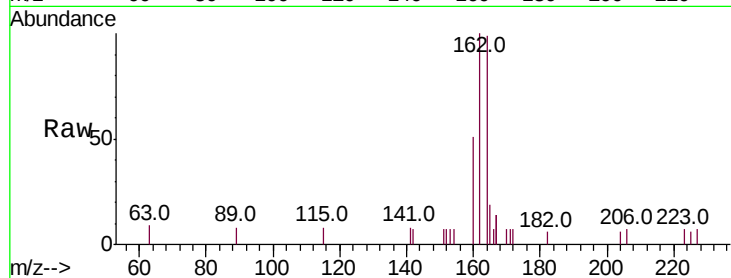
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.02 min
Lab File: BE098554.D
Acq: 21 Dec 2018 16:31

Instrument :
BNA_E
ClientSampleId :
PB115910BSD

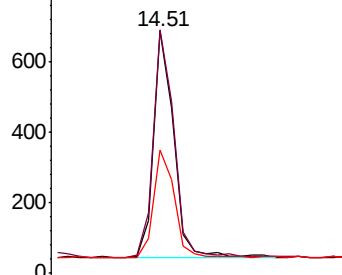
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	77.6	116.4
160	51.2	36.0	54.0

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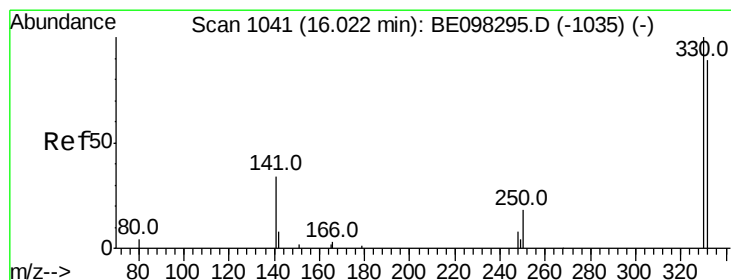
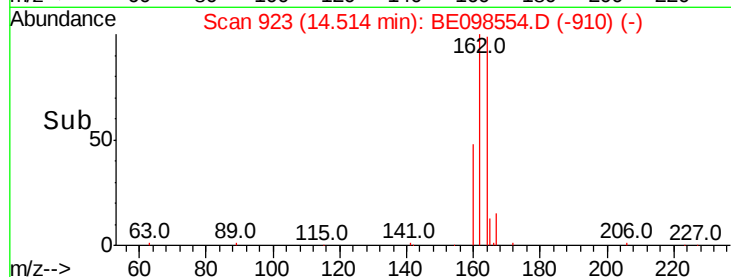
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

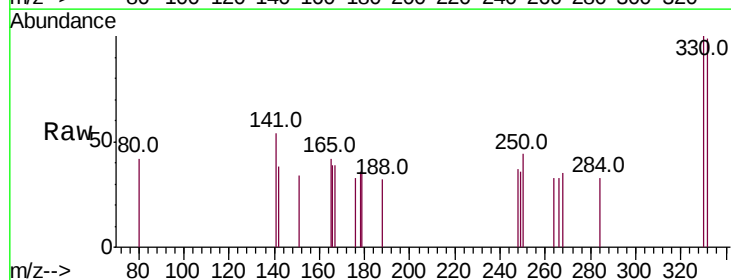


Time-->

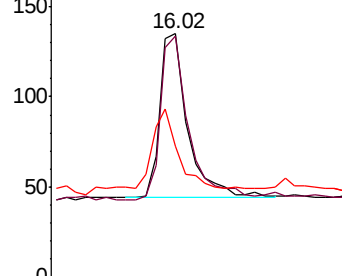


#14
2,4,6-Tribromophenol
Concen: 0.501 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098554.D
Acq: 21 Dec 2018 16:31

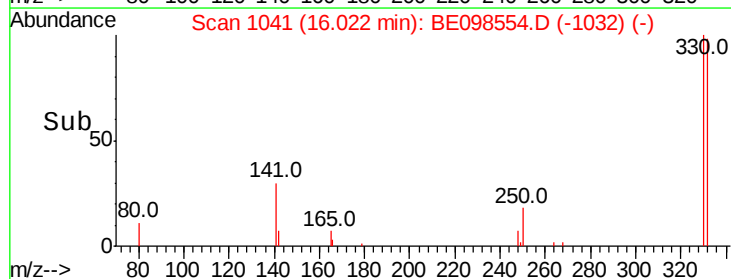
Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.4	76.2	114.4
141	47.1	39.0	58.4

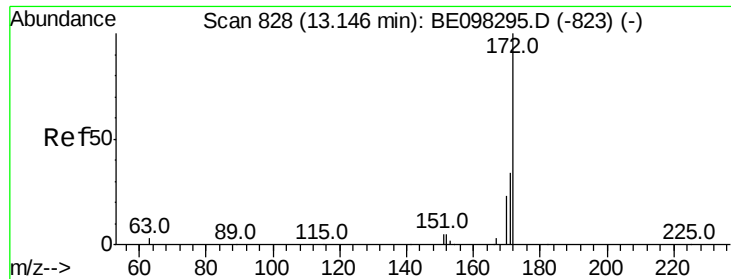


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->





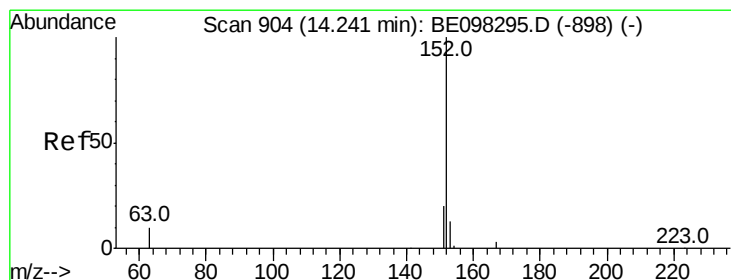
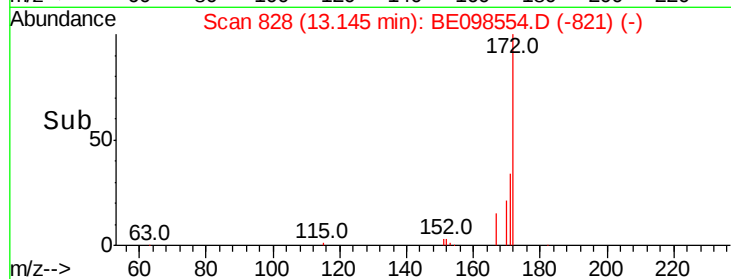
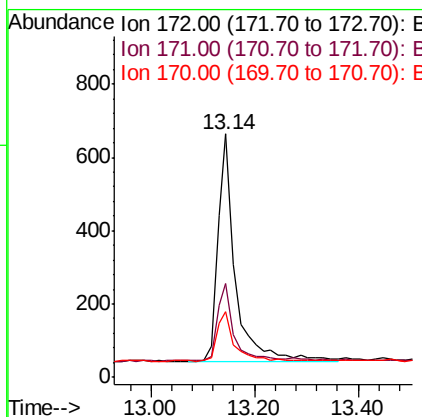
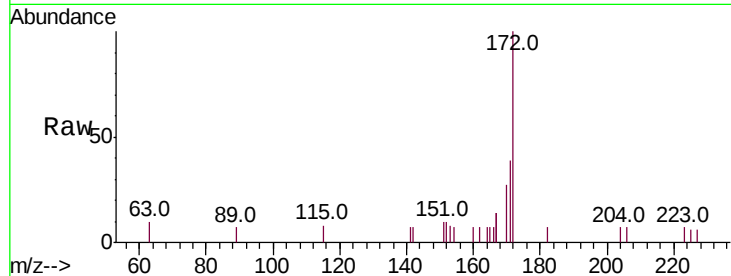
#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098554.D
Acq: 21 Dec 2018 16:31

Instrument :
BNA_E
ClientSampleId :
PB115910BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	27.5	41.3
170	27.0	19.6	29.4

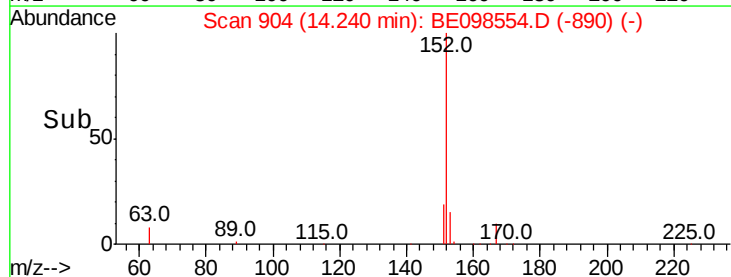
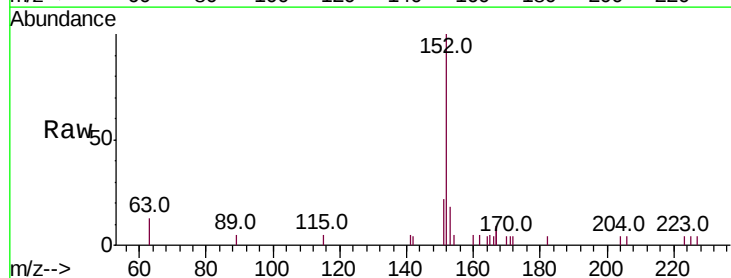
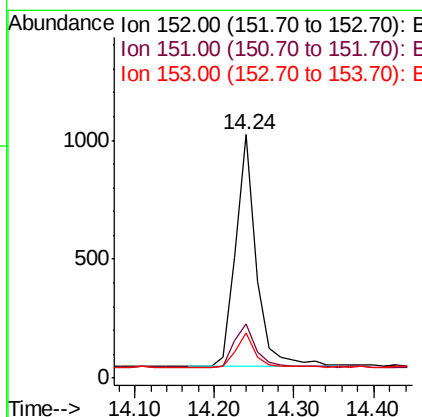
Manual Integrations
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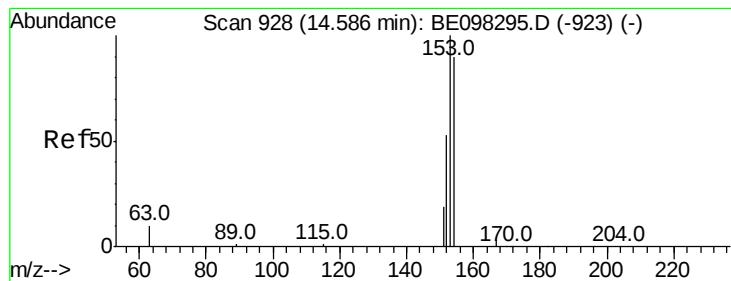
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#16
Acenaphthylene
Concen: 0.333 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098554.D
Acq: 21 Dec 2018 16:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3
153	13.9	10.6	16.0





#17

Acenaphthene

Concen: 0.357 ng

RT: 14.59 min Scan# 928

Delta R.T. -0.00 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Instrument :

BNA_E

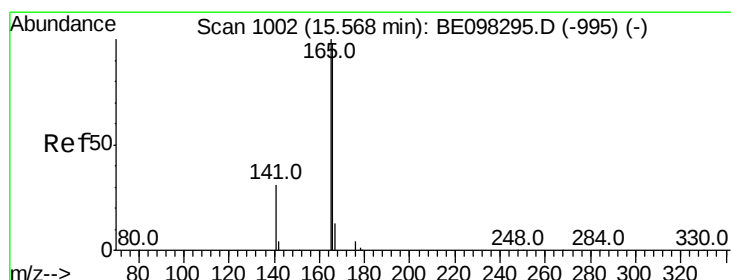
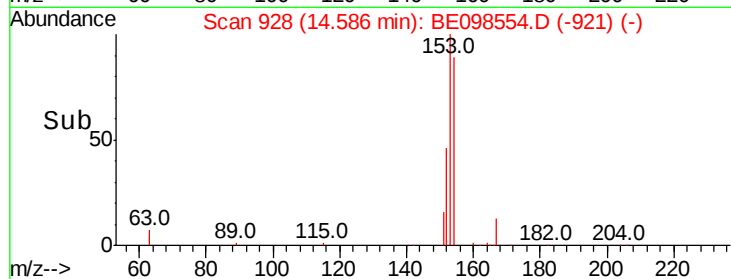
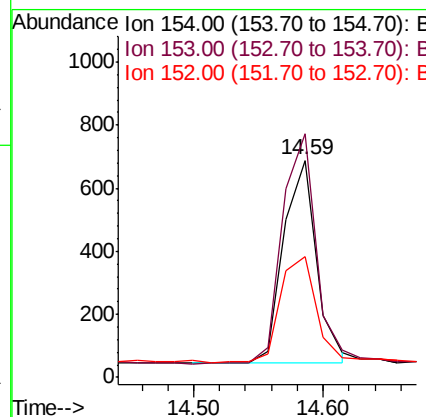
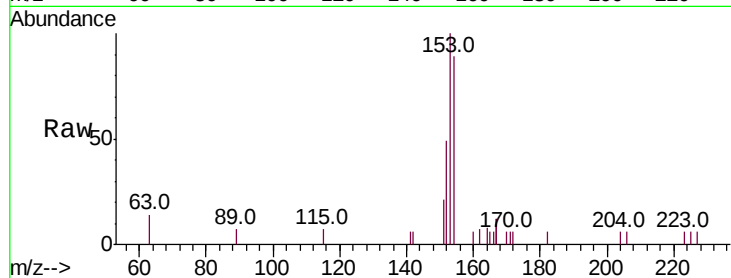
ClientSampleId :

PB115910BSD

Tot Ion:	154	Resp:	1135
Ion Ratio	Lower	Upper	
154	100		
153	116.7	91.8	137.6
152	57.1	45.5	68.3

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#18

Fluorene

Concen: 0.403 ng

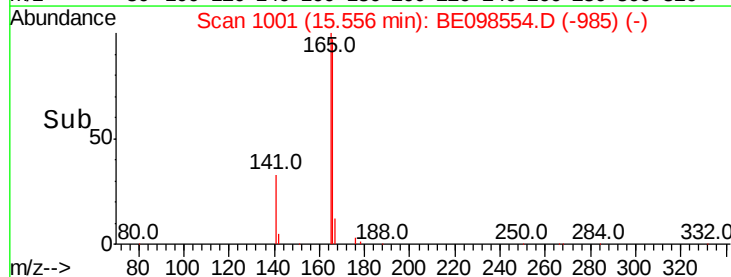
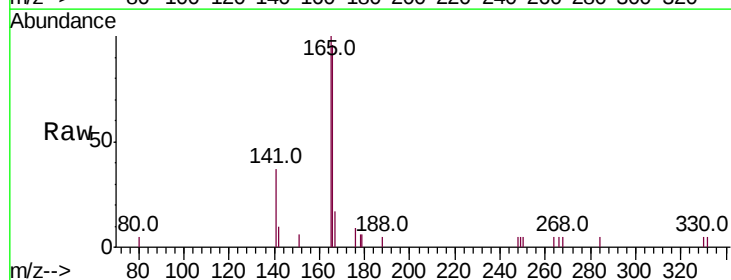
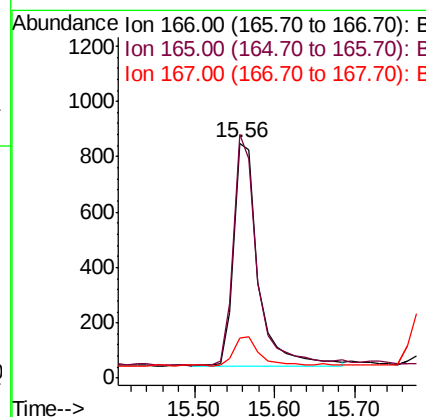
RT: 15.56 min Scan# 1001

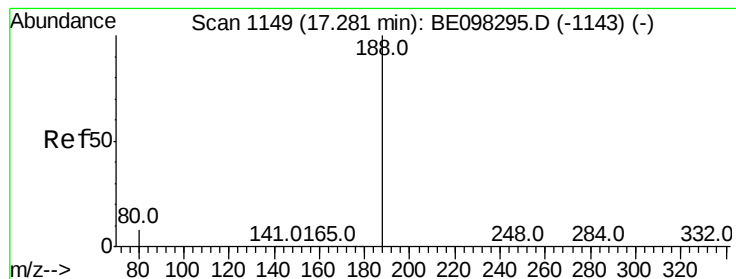
Delta R.T. -0.01 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Tgt Ion:	166	Resp:	1716
Ion Ratio	Lower	Upper	
166	100		
165	99.9	79.3	118.9
167	13.5	11.3	16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Instrument :

BNA_E

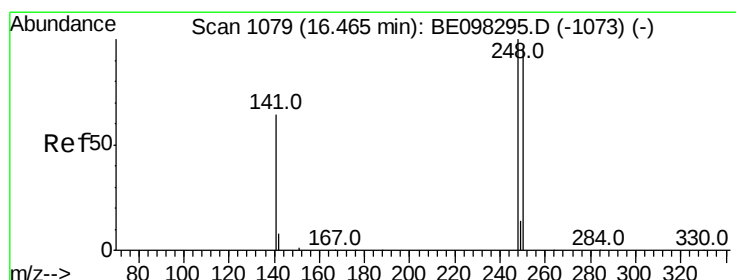
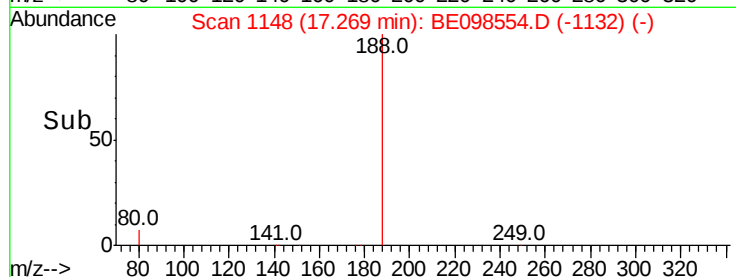
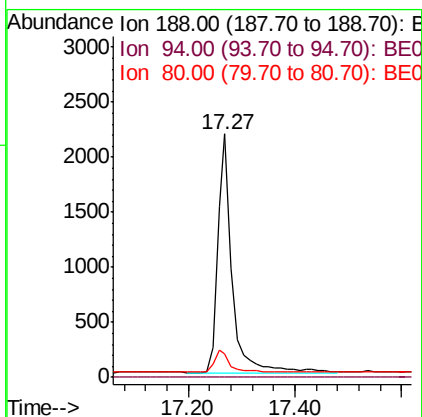
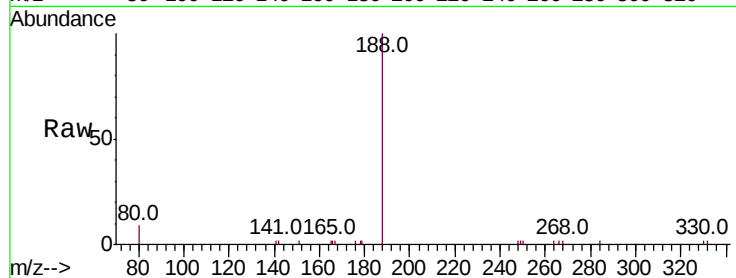
ClientSampleId :

PB115910BSD

Tot Ion:	188	Resp:	4121
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.4	7.2	10.8

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#20

4-Bromophenyl-phenylether

Concen: 0.273 ng

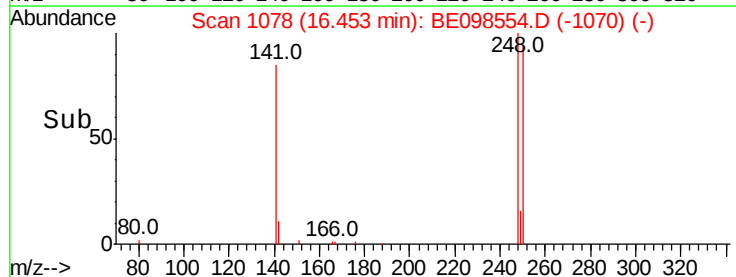
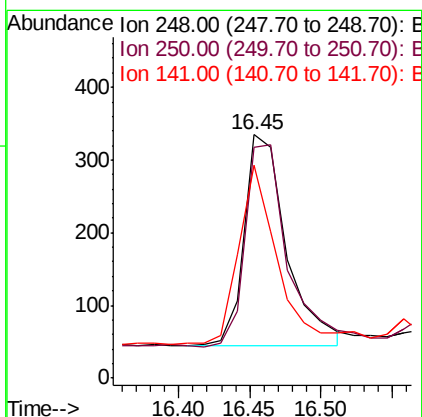
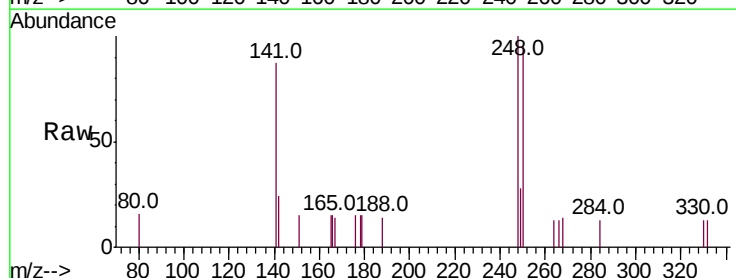
RT: 16.45 min Scan# 1078

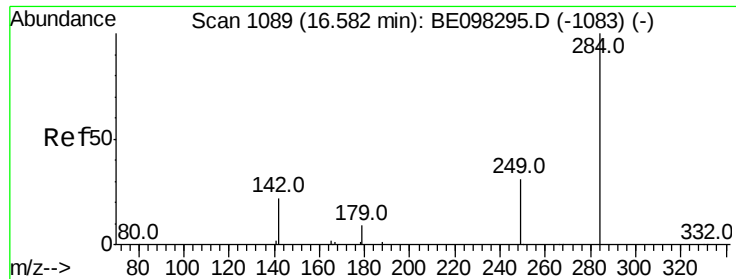
Delta R.T. -0.01 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Tgt Ion:	248	Resp:	605
Ion Ratio	Lower	Upper	
248	100		
250	94.6	71.0	106.6
141	87.5	62.1	93.1





#21

Hexachlorobenzene

Concen: 0.299 ng

RT: 16.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Instrument :

BNA_E

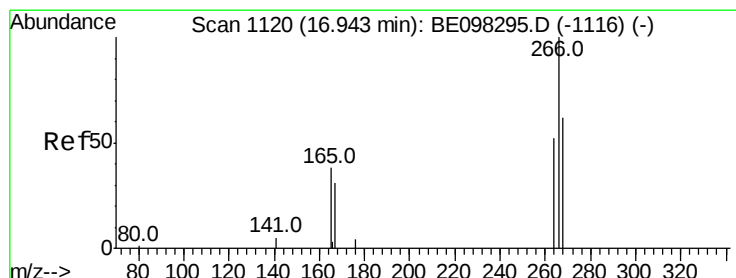
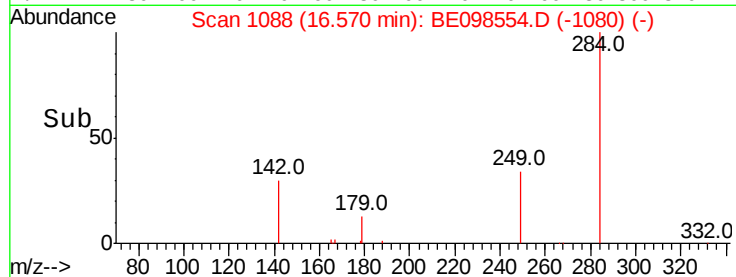
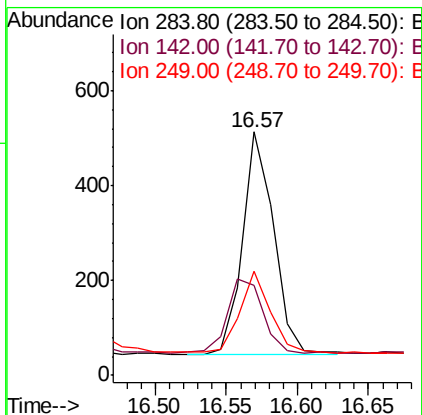
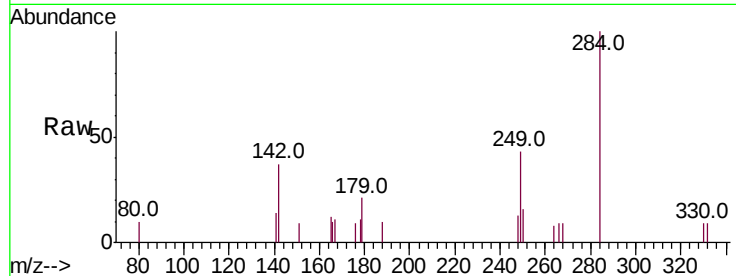
ClientSampleId :

PB115910BSD

Tot Ion:	284	Resp:	714
Ion Ratio	Lower	Upper	
284	100		
142	39.4	26.3	39.5
249	35.7	26.0	39.0

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#22

Pentachlorophenol

Concen: 0.979 ng

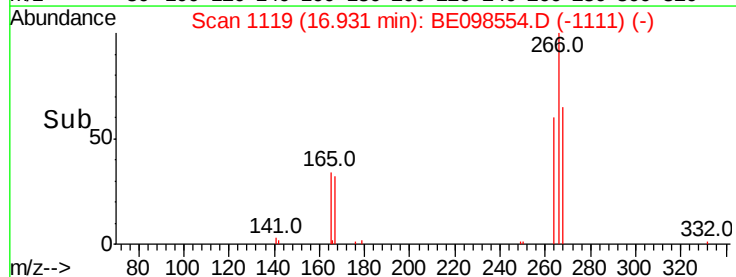
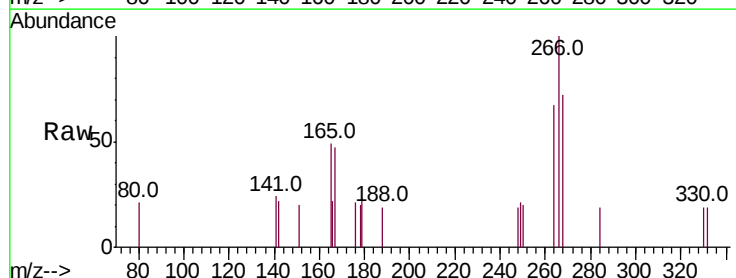
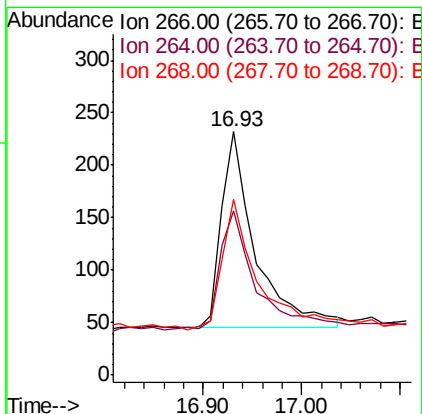
RT: 16.93 min Scan# 1119

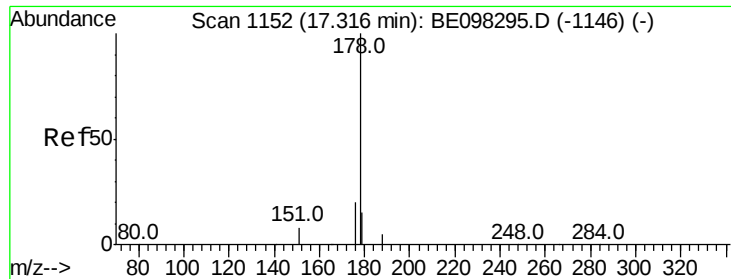
Delta R.T. -0.01 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Tgt Ion:	266	Resp:	449
Ion Ratio	Lower	Upper	
266	100		
264	67.2	59.0	88.4
268	72.4	55.1	82.7





#23

Phenanthrene

Concen: 0.368 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Instrument :

BNA_E

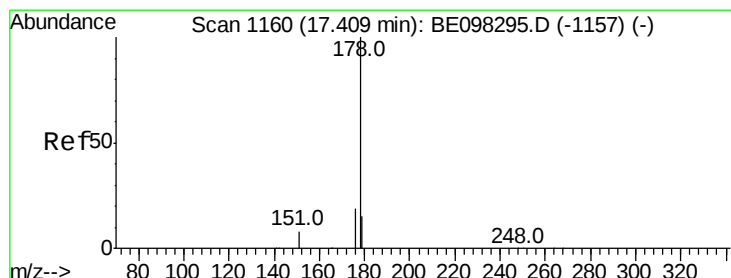
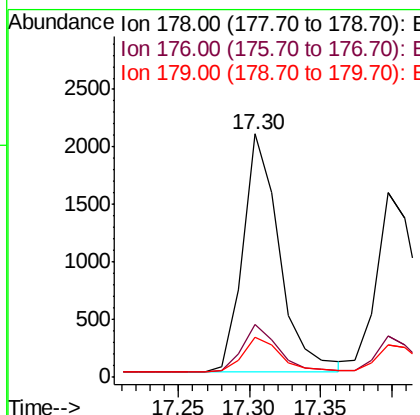
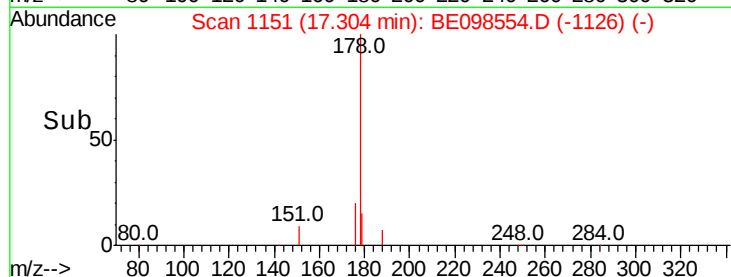
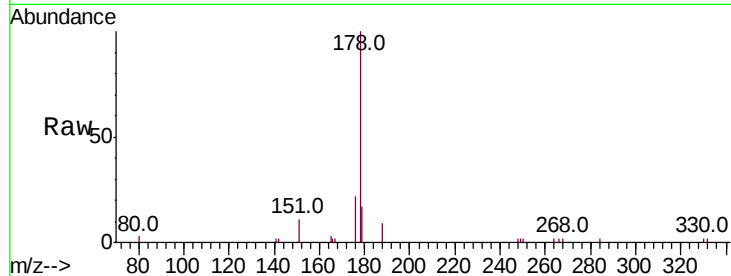
ClientSampleId :

PB115910BSD

Tot Ion:	178	Resp:	3686
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.9	23.9
179	14.8	12.3	18.5

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#24

Anthracene

Concen: 0.342 ng

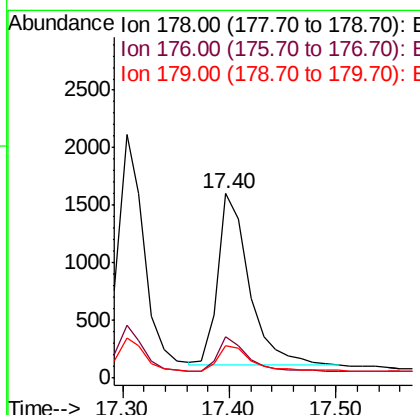
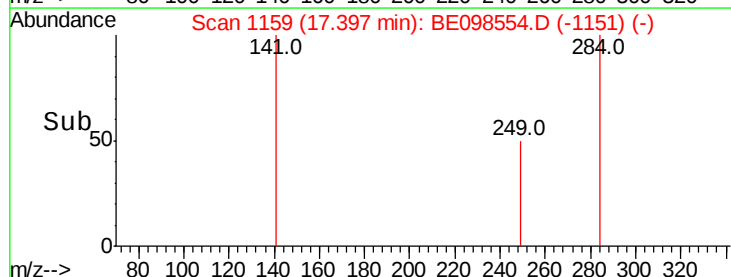
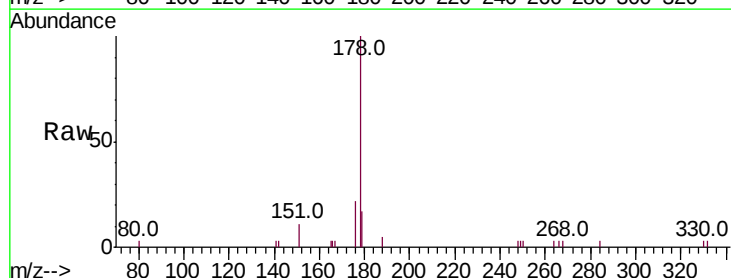
RT: 17.40 min Scan# 1159

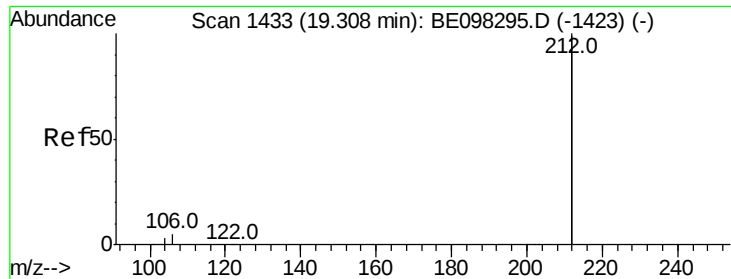
Delta R.T. -0.01 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Tgt Ion:	178	Resp:	3052
Ion Ratio	Lower	Upper	
178	100		
176	17.8	15.0	22.4
179	15.1	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.471 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Instrument :

BNA_E

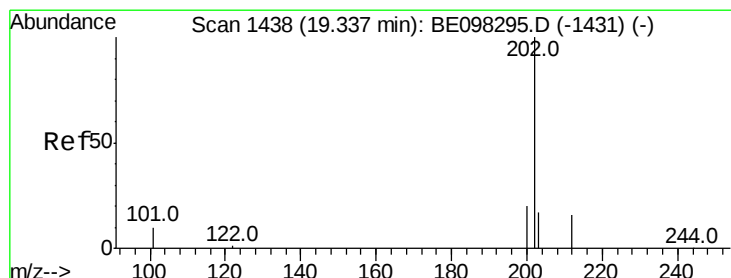
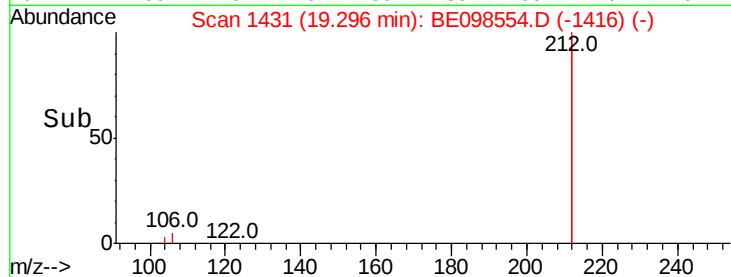
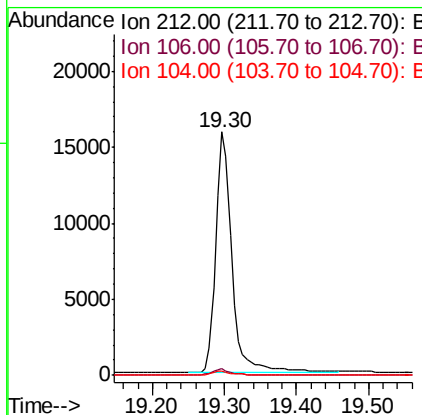
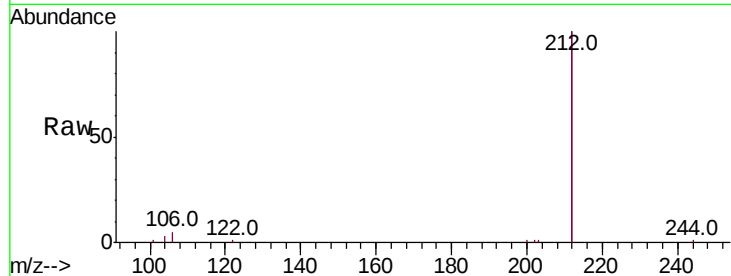
ClientSampleId :

PB115910BSD

Tot Ion:	212	Resp:	24884
Ion Ratio	Lower	Upper	
212	100		
106	2.4	2.2	3.2
104	1.3	1.3	1.9

Manual Integrations
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#26

Fluoranthene

Concen: 0.491 ng

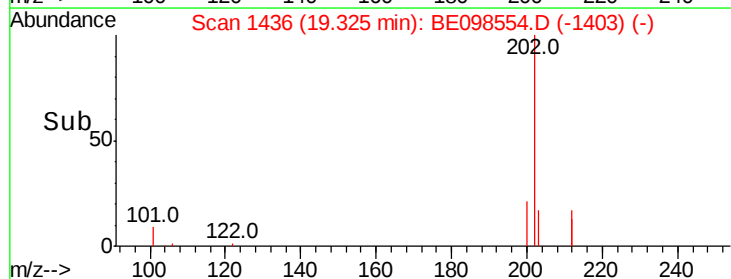
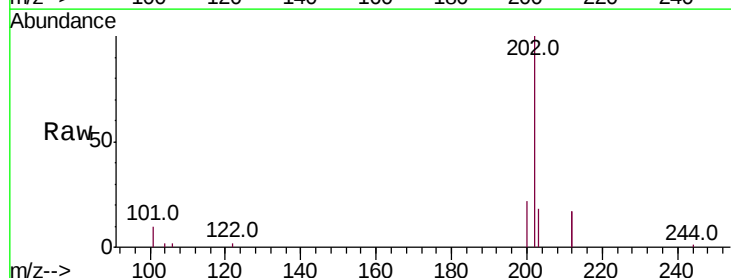
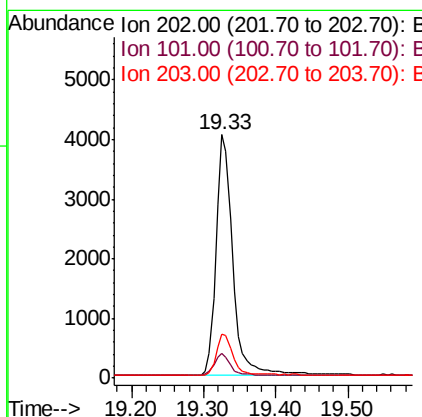
RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Tgt Ion:	202	Resp:	6503
Ion Ratio	Lower	Upper	
202	100		
101	8.7	8.0	12.0
203	16.5	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Instrument :

BNA_E

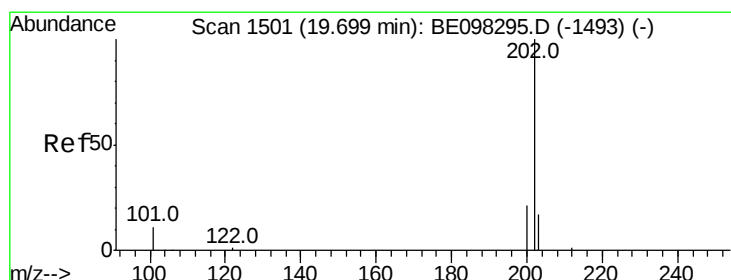
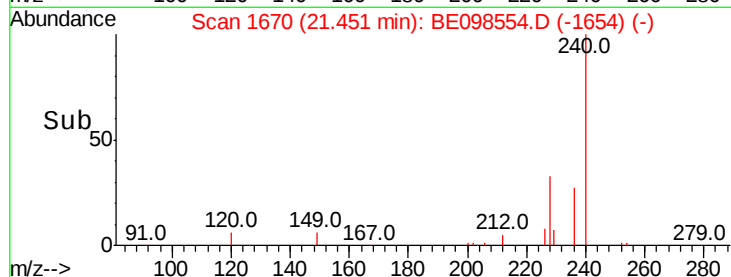
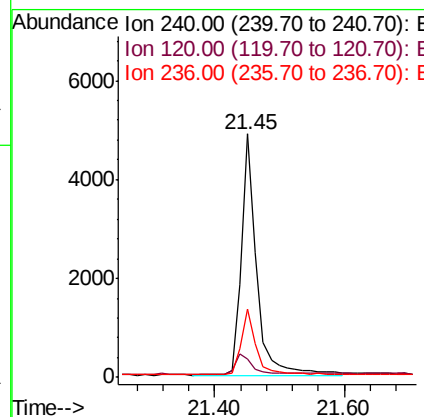
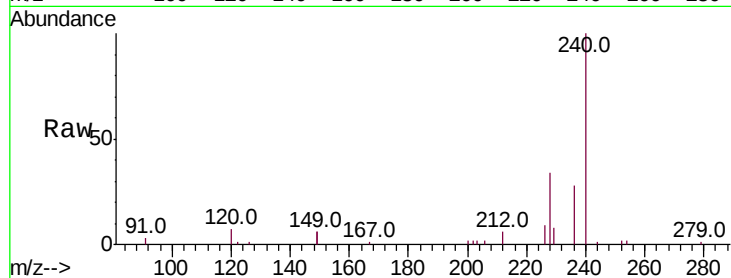
ClientSampleId :

PB115910BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.3	9.5	14.3#
236	28.0	22.7	34.1

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#28

Pyrene

Concen: 0.268 ng

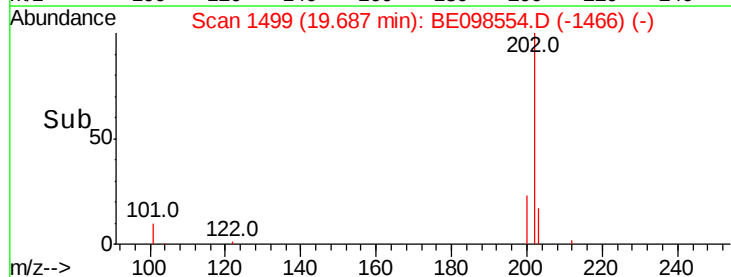
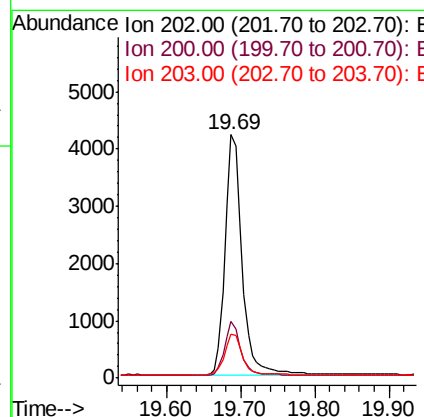
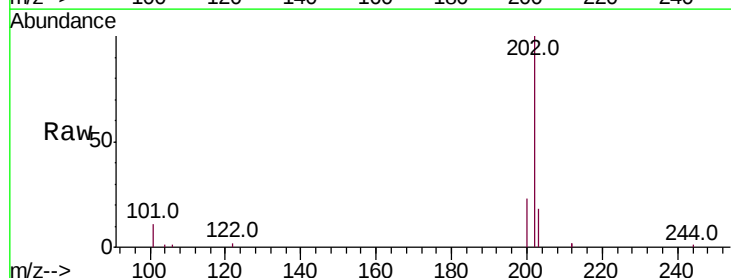
RT: 19.69 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	17.8	14.1	21.1





#29

Terphenyl-d14

Concen: 0.305 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Instrument :

BNA_E

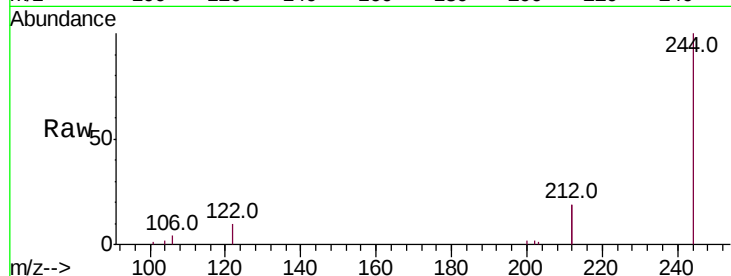
ClientSampleId :

PB115910BSD

Tot Ion:	244	Resp:	5960
Ion Ratio	Lower	Upper	
244	100		
212	38.7	27.4	41.0
122	9.9	8.3	12.5

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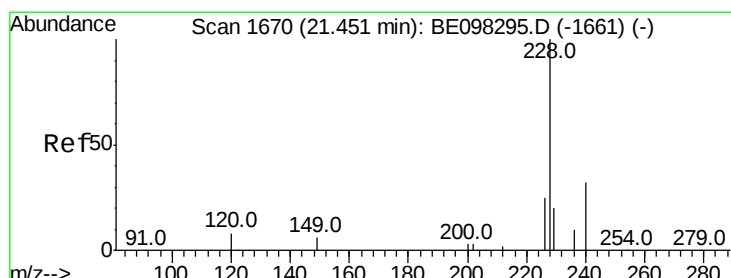
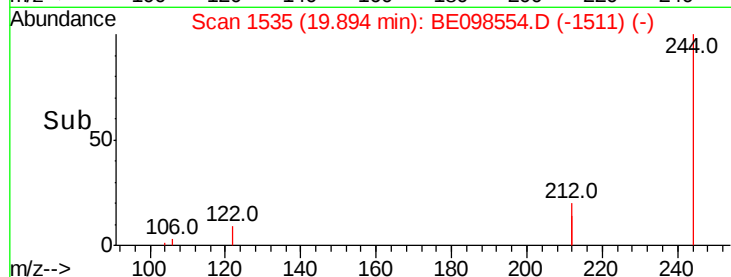
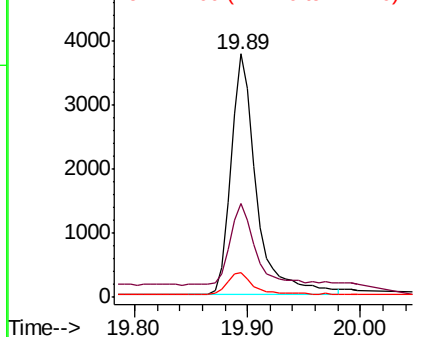


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.356 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

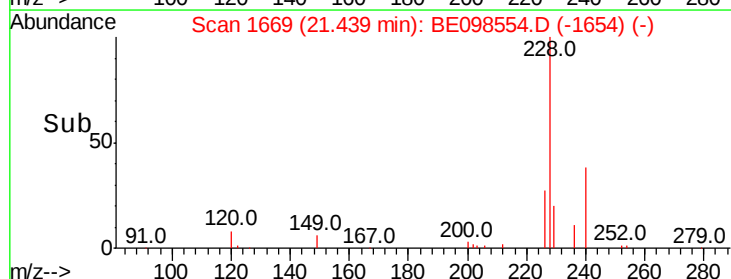
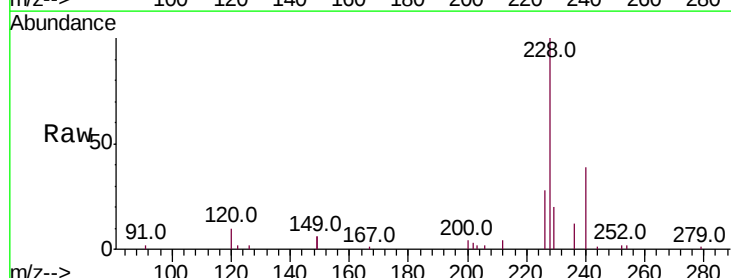
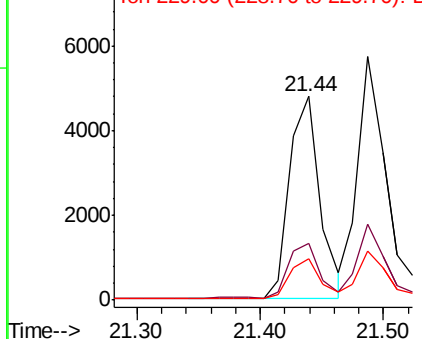
Tgt Ion:	228	Resp:	8153
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.8	32.8
229	20.4	16.3	24.5

Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





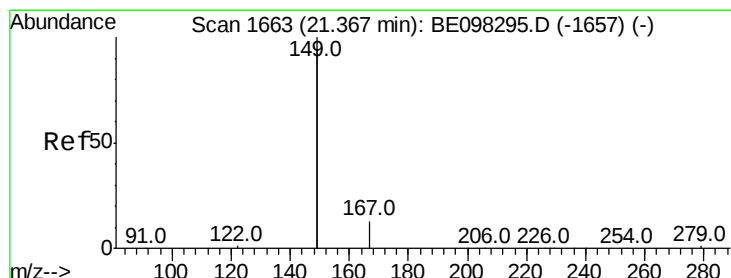
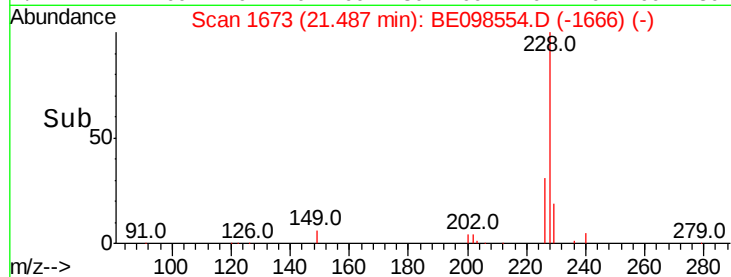
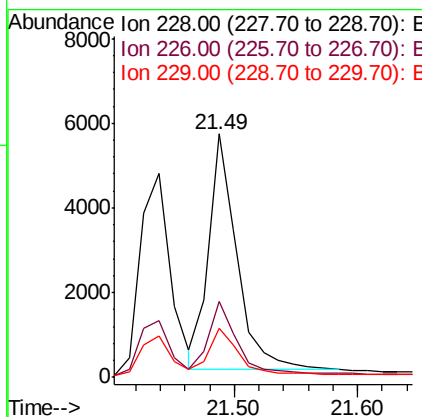
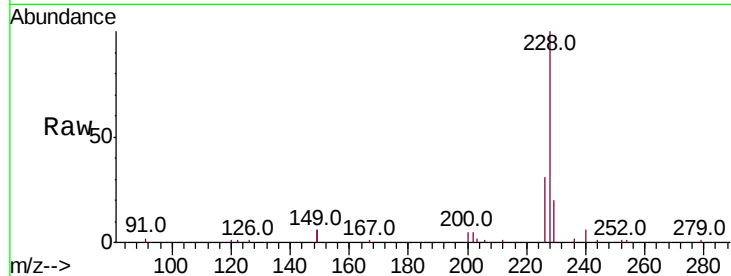
#31
Chrysene
Concen: 0.370 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BE098554.D
Acq: 21 Dec 2018 16:31

Instrument :
BNA_E
ClientSampleId :
PB115910BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	20.1	16.2	24.4

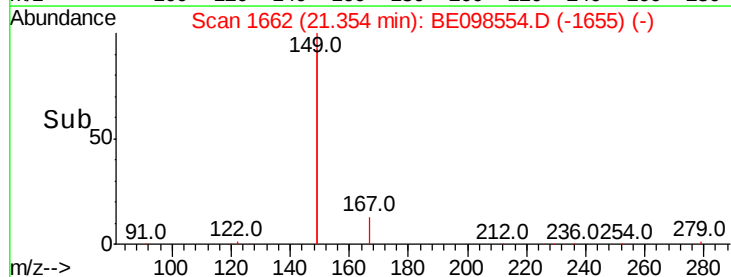
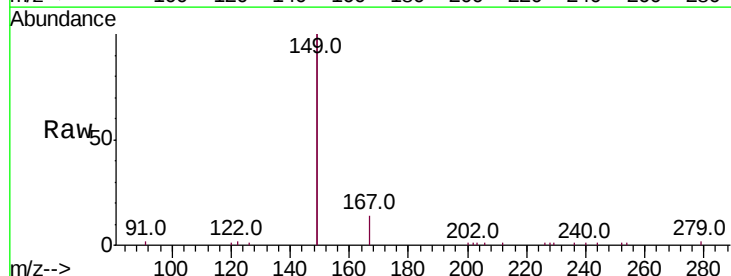
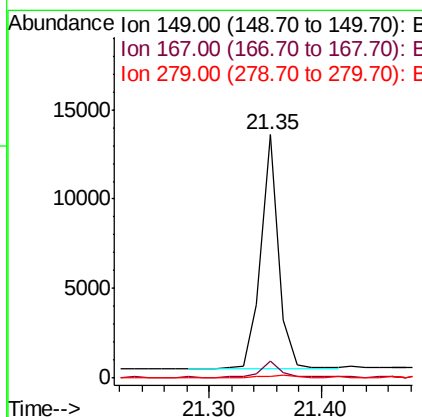
Manual Integrations
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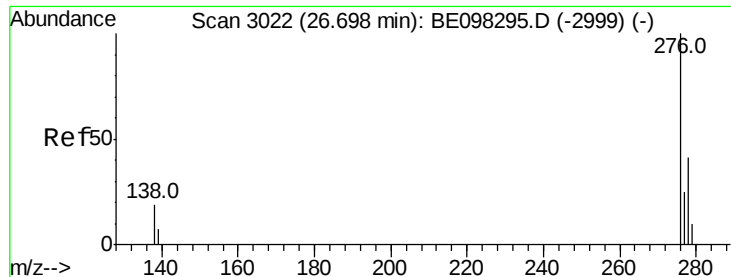
Sohil
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.311 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098554.D
Acq: 21 Dec 2018 16:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.7	8.5
279	1.1	1.0	1.4





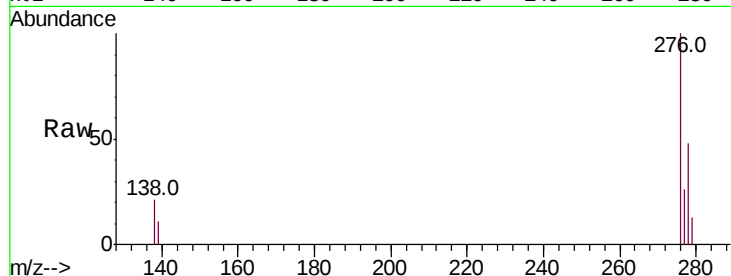
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng
RT: 26.67 min Scan# 3014
Delta R.T. -0.03 min
Lab File: BE098554.D
Acq: 21 Dec 2018 16:31

Instrument :
BNA_E
ClientSampleId :
PB115910BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.2	16.3	24.5#
277	23.8	20.2	30.4

Manual Integrations
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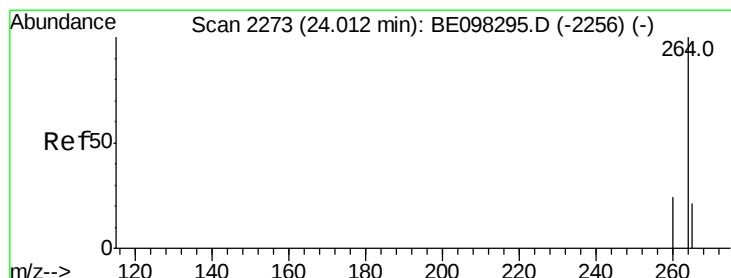
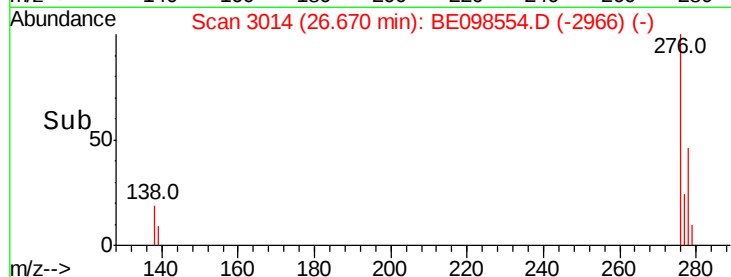
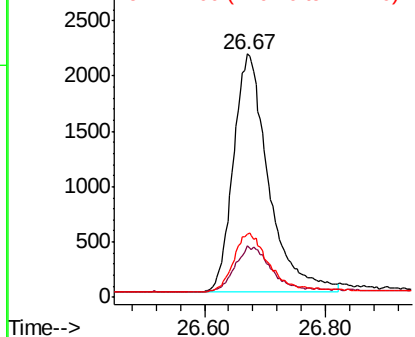


Abundance

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: 23.99 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BE098554.D
Acq: 21 Dec 2018 16:31

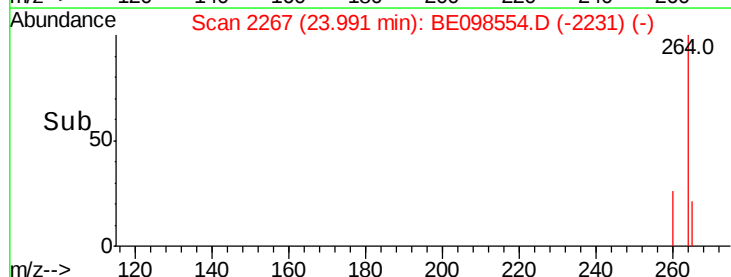
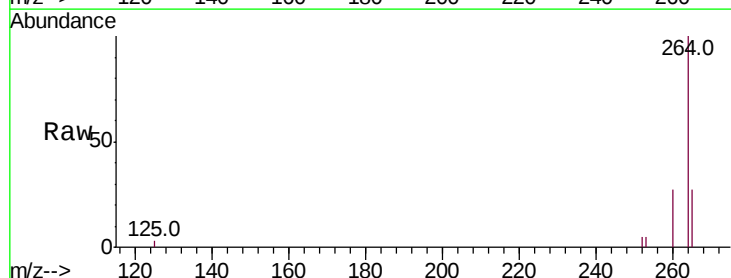
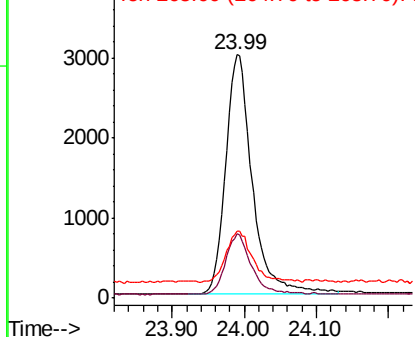
Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.2	30.2
265	27.4	25.2	37.8

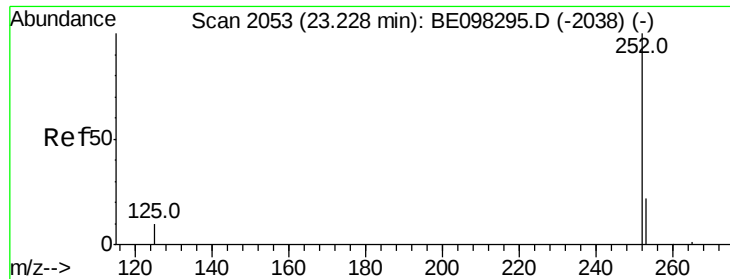
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





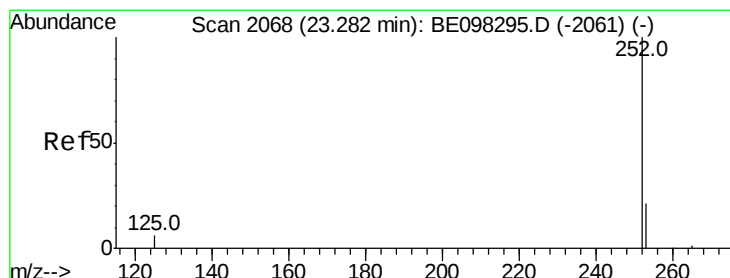
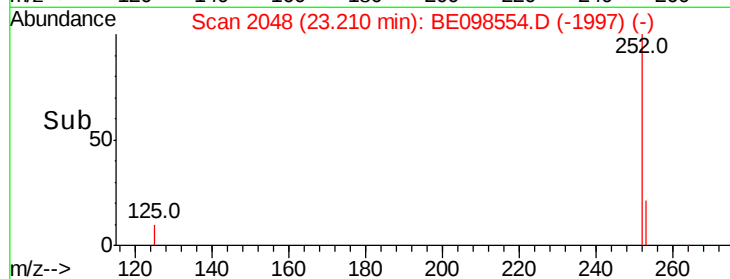
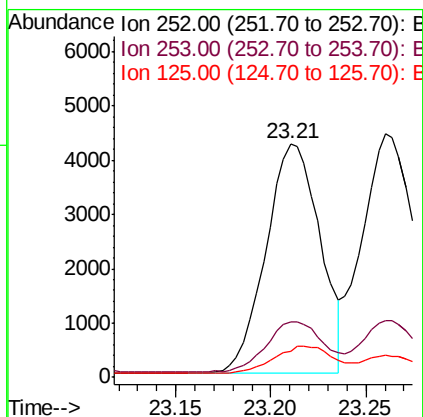
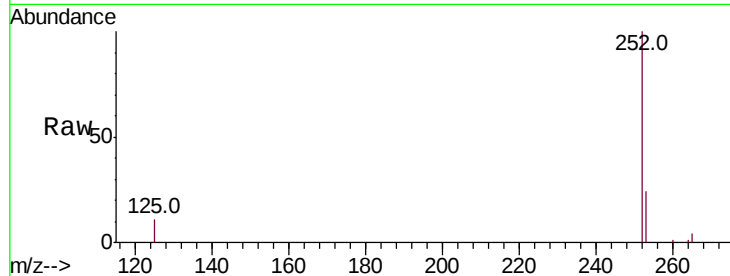
#35
Benzo(b)fluoranthene
Concen: 0.405 ng
RT: 23.21 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BE098554.D
Acq: 21 Dec 2018 16:31

Instrument :
BNA_E
ClientSampleId :
PB115910BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.0	30.0
125	11.4	9.6	14.4

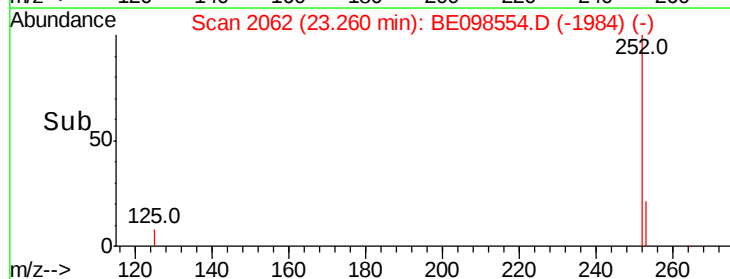
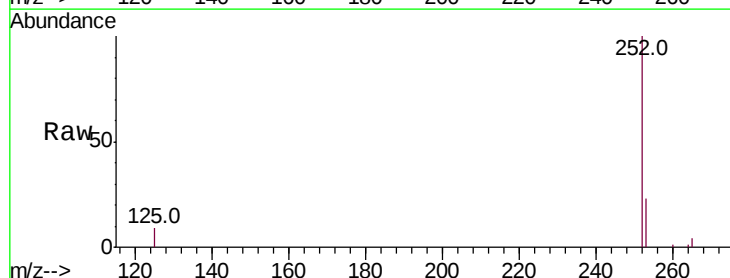
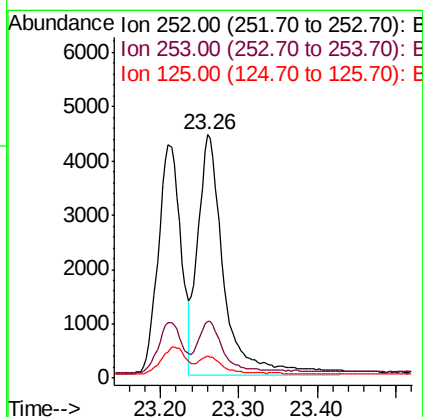
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#36
Benzo(k)fluoranthene
Concen: 0.431 ng m
RT: 23.26 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BE098554.D
Acq: 21 Dec 2018 16:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.6
125	9.1	9.1	13.7#





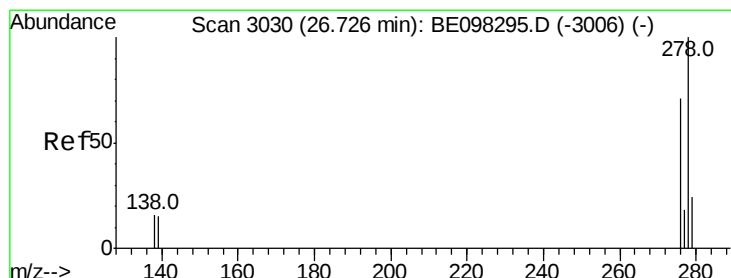
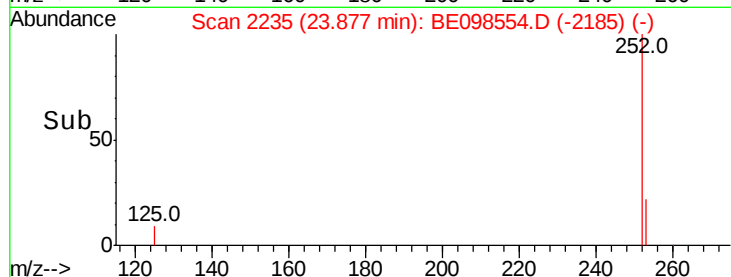
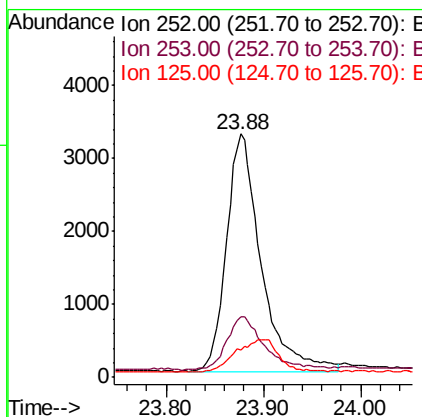
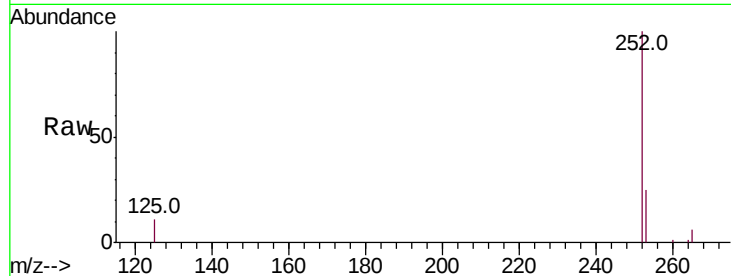
#37
Benzo(a)pyrene
Concen: 0.377 ng
RT: 23.88 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BE098554.D
Acq: 21 Dec 2018 16:31

Instrument :
BNA_E
ClientSampleId :
PB115910BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.6	30.8
125	11.5	10.5	15.7

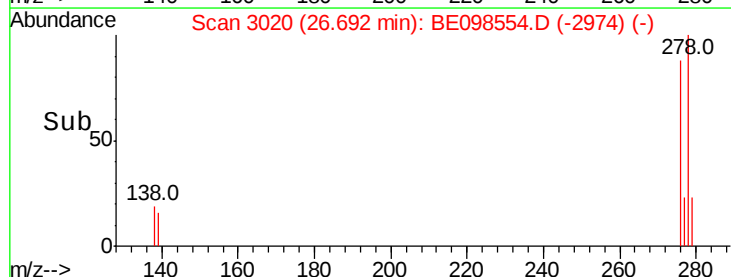
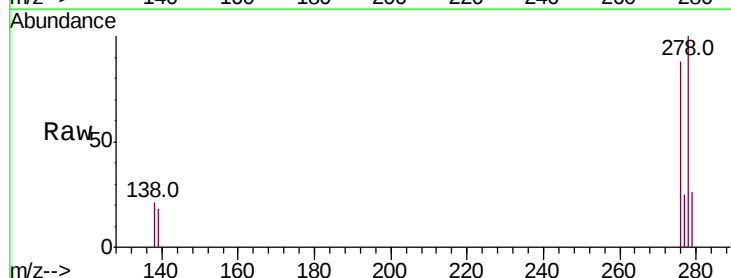
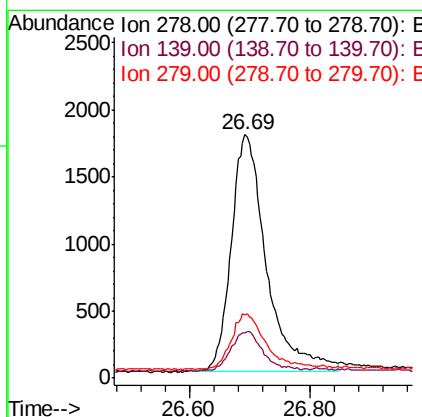
Manual Integrations
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#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 26.69 min Scan# 3020
Delta R.T. -0.03 min
Lab File: BE098554.D
Acq: 21 Dec 2018 16:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.5	21.7
279	25.9	21.8	32.8





#39

Benzo(a,h,i)perylene

Concen: 0.367 ng

RT: 27.49 min Scan# 3244

Delta R.T. -0.03 min

Lab File: BE098554.D

Acq: 21 Dec 2018 16:31

Instrument :

BNA_E

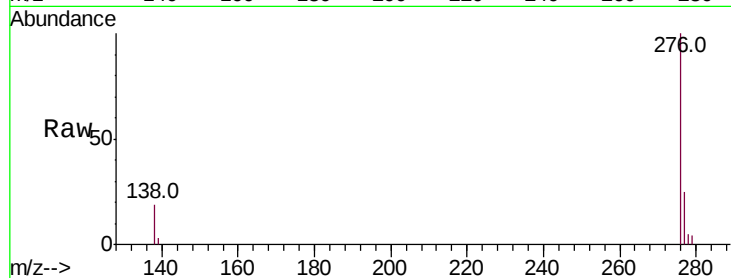
ClientSampleId :

PB115910BSD

Tot Ion:	276	Resp:	7447
Ion Ratio	Lower	Upper	
276	100		
277	25.4	20.8	31.2
138	18.8	15.8	23.6

Manual Integrations
APPROVED

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Abundance Ion 276.00 (275.70 to 276.70): E

2500 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

