

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
 Data File : BE098543.D
 Acq On : 20 Dec 2018 17:35
 Operator : SJ/JU
 Sample : PB115810BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115810BS

Manual Integrations
 APPROVED

Sohil
 12/21/2018 12:02:12 PM

Quant Time: Dec 21 05:55:34 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	7.85	152	612	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	2799	0.40	ng	-0.01
13) Acenaphthene-d10	14.52	164	2191	0.40	ng	-0.01
19) Phenanthrene-d10	17.26	188	6646	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	9359	0.40	ng	-0.01
34) Perylene-d12	23.99	264	7616	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	618	0.43	ng	0.00
5) Phenol-d6	7.03	99	947	0.47	ng	-0.01
8) Nitrobenzene-d5	9.02	82	853	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2014	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	389	0.48	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	3366	0.36	ng	-0.01
25) Fluoranthene-d10	19.29	212	39183	0.46	ng	-0.02
29) Terphenyl-d14	19.89	244	7992	0.35	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	506	0.478	ng	90
3) n-Nitrosodimethylamine	3.69	42	278	0.292	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	702	0.364	ng	84
9) Naphthalene	10.69	128	12151	0.431	ng	98
10) Hexachlorobutadiene	10.98	225	774	0.432	ng	94
12) 2-Methylnaphthalene	12.33	142	1994	0.436	ng	97
16) Acenaphthylene	14.23	152	3774	0.368	ng	99
17) Acenaphthene	14.57	154	2500	0.405	ng	99
18) Fluorene	15.55	166	3499	0.424	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1302	0.364	ng	87
21) Hexachlorobenzene	16.57	284	1628	0.423	ng	98
22) Pentachlorophenol	16.93	266	422	0.630	ng	95
23) Phenanthrene	17.30	178	6542	0.405	ng	99
24) Anthracene	17.40	178	5268	0.366	ng	99
26) Fluoranthene	19.33	202	9660	0.452	ng	98
28) Pyrene	19.69	202	10188	0.347	ng	99
30) Benzo(a)anthracene	21.43	228	10423	0.391	ng	99
31) Chrysene	21.49	228	11032	0.395	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	19496	0.360	ng	99
33) Indeno(1,2,3-cd)pyrene	26.66	276	9299	0.335	ng	99
35) Benzo(b)fluoranthene	23.21	252	9128	0.438	ng	99
36) Benzo(k)fluoranthene	23.26	252	10852m	0.447	ng	
37) Benzo(a)pyrene	23.87	252	8669	0.403	ng	97
38) Dibenzo(a,h)anthracene	26.68	278	7724	0.382	ng	98
39) Benzo(g,h,i)perylene	27.48	276	7916	0.388	ng	98

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

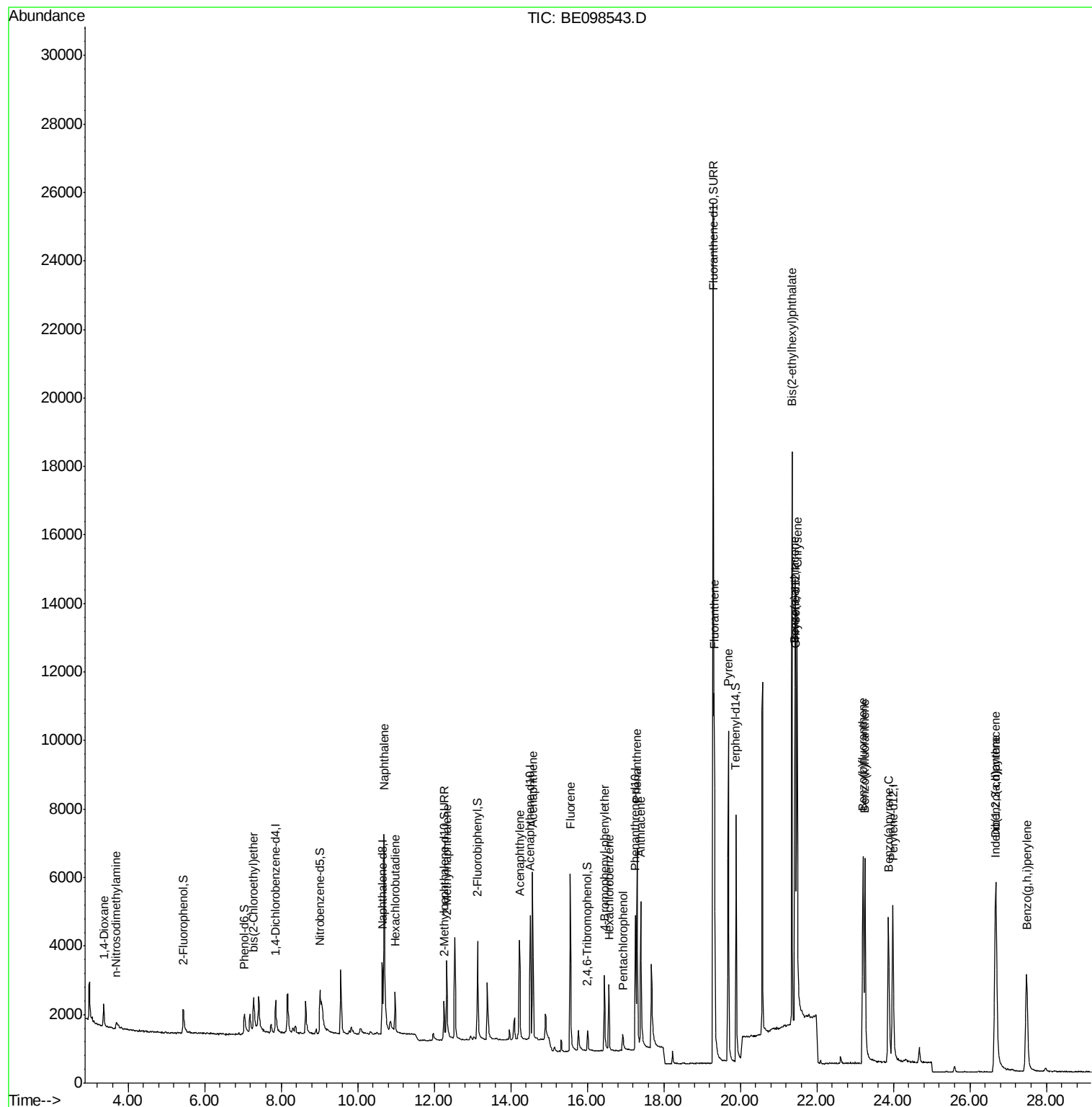
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
Data File : BE098543.D
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12/21/2018 12:02:12 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Instrument :

BNA_E

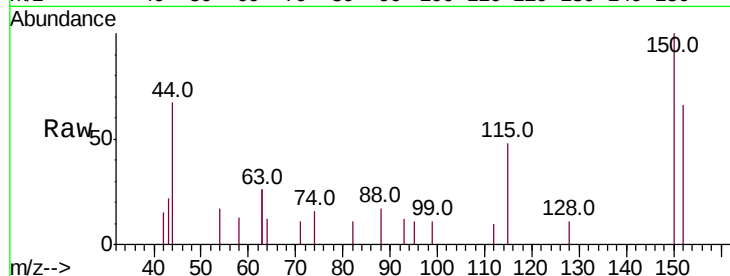
ClientSampled :

PB115810BS

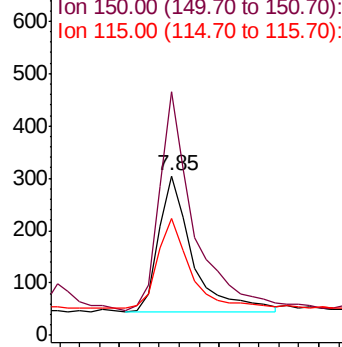
Tot Ion:	152	Resp:	612
Ion Ratio	Lower	Upper	
152	100		
150	152.5	124.2	186.4
115	73.4	53.9	80.9

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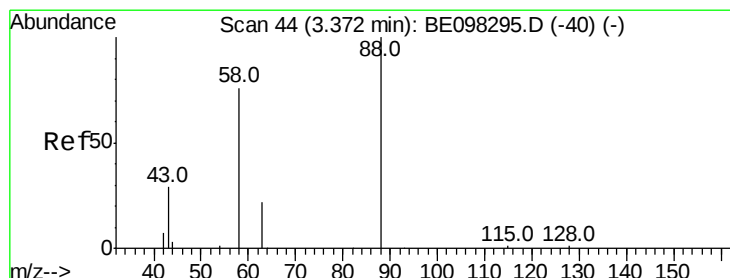
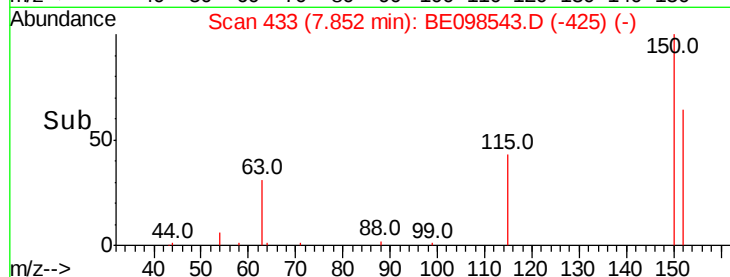
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.478 ng

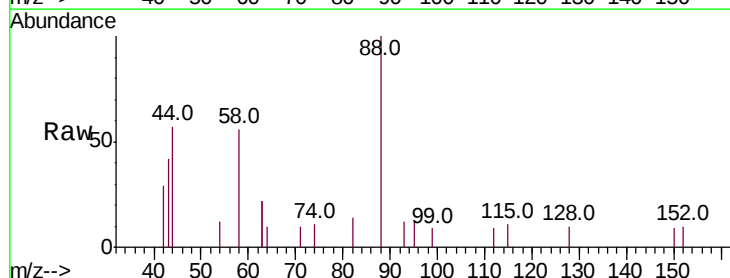
RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

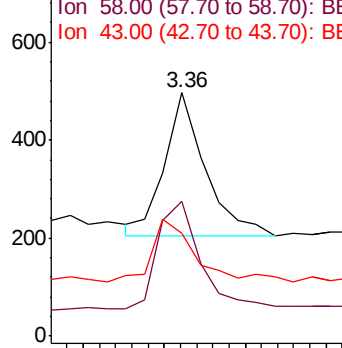
Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

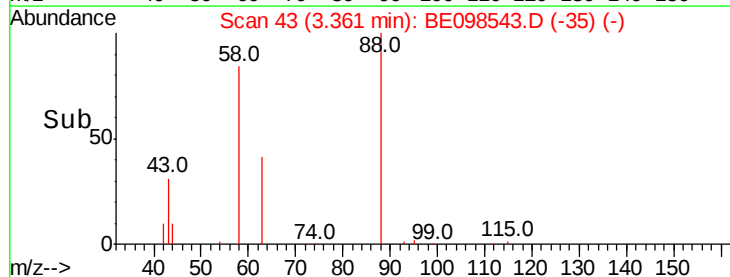
Tgt Ion:	88	Resp:	506
Ion Ratio	Lower	Upper	
88	100		
58	80.2	75.0	112.6
43	48.4	38.3	57.5

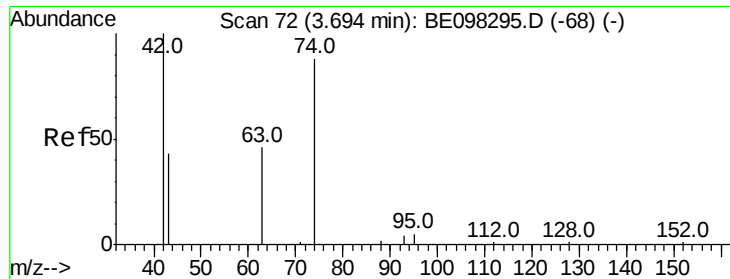


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

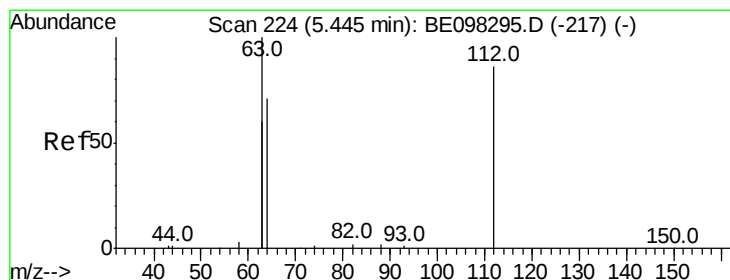
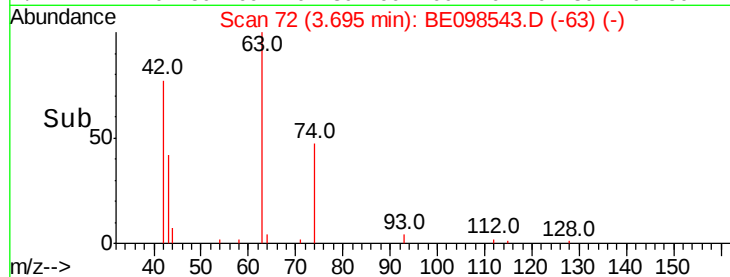
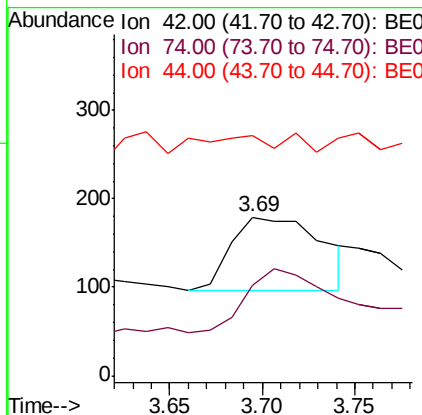
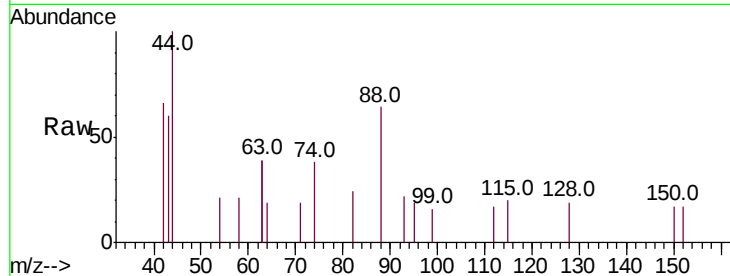
n-Nitrosodimethylamine
 Concen: 0.292 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098543.D
 Acq: 20 Dec 2018 17:35

Instrument :
 BNA_E
 ClientSampleId :
 PB115810BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	74.5	0.0	0.0#
44	18.3	0.0	0.0#

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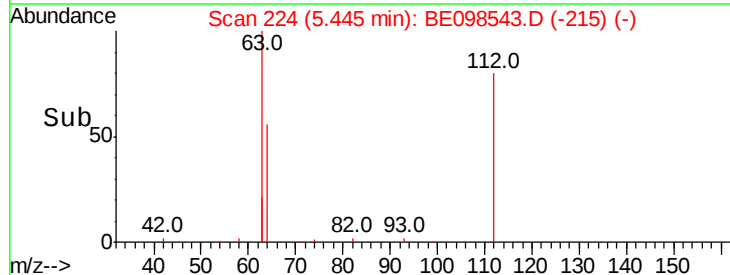
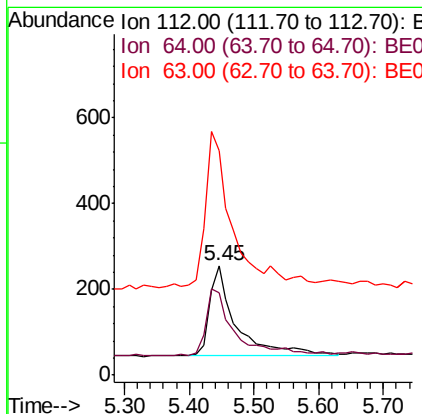
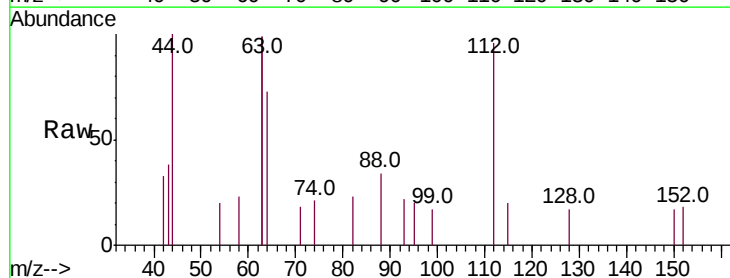
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#4

2-Fluorophenol
 Concen: 0.431 ng
 RT: 5.45 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BE098543.D
 Acq: 20 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.1	59.8	89.8
63	167.0	133.7	200.5





#5

Phenol-d6

Concen: 0.467 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Instrument :

BNA_E

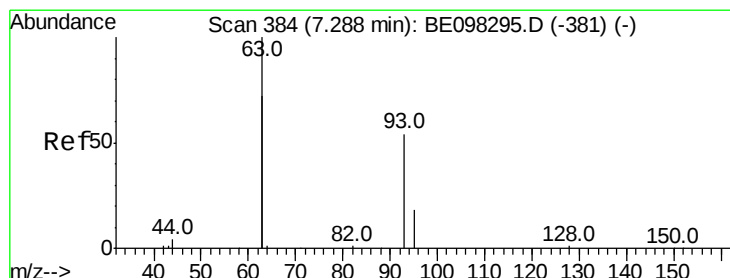
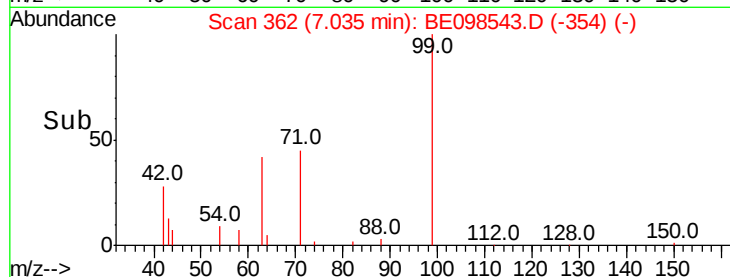
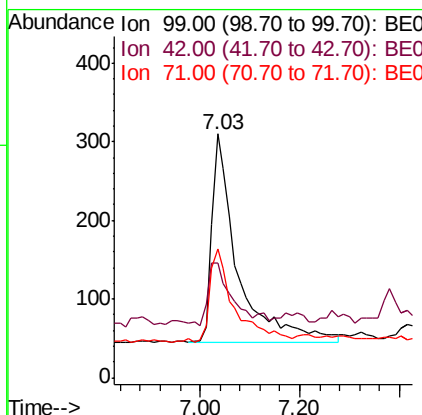
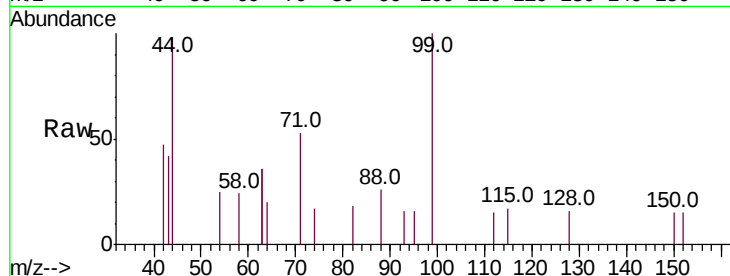
ClientSampleId :

PB115810BS

Tot Ion:	99	Resp:	947
Ion	Ratio	Lower	Upper
99	100		
42	26.4	26.3	39.5
71	42.3	33.6	50.4

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.364 ng

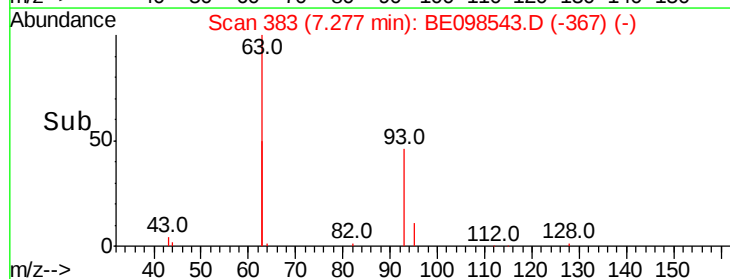
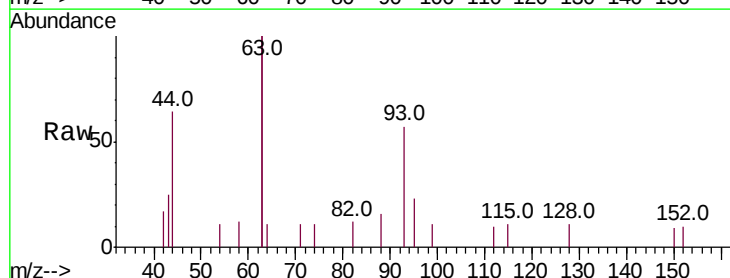
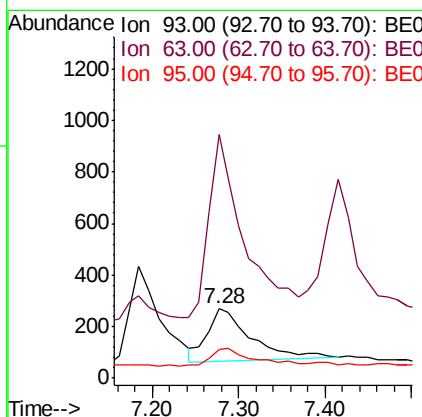
RT: 7.28 min Scan# 383

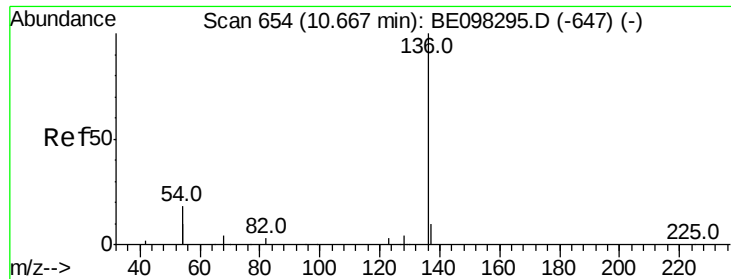
Delta R.T. -0.01 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Tgt Ion:	93	Resp:	702
Ion	Ratio	Lower	Upper
93	100		
63	292.7	264.4	396.6
95	33.0	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: BE098543.D

Acq: 20 Dec 2018 17:35

Instrument :

BNA_E

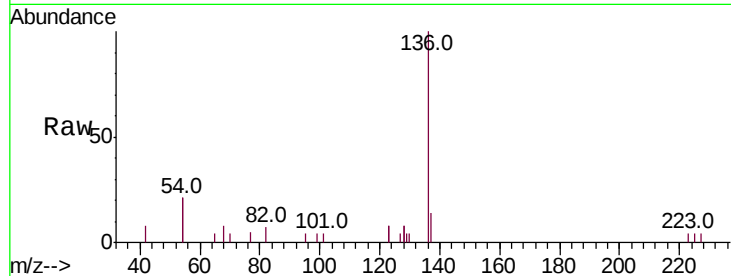
ClientSampleId :

PB115810BS

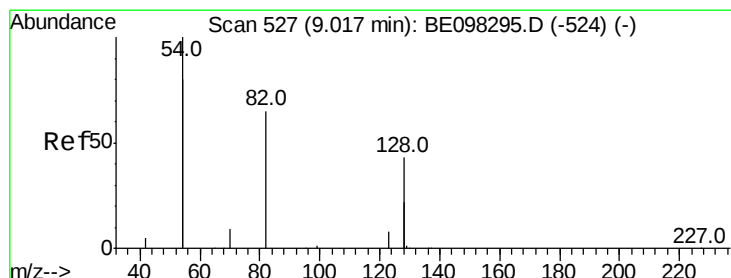
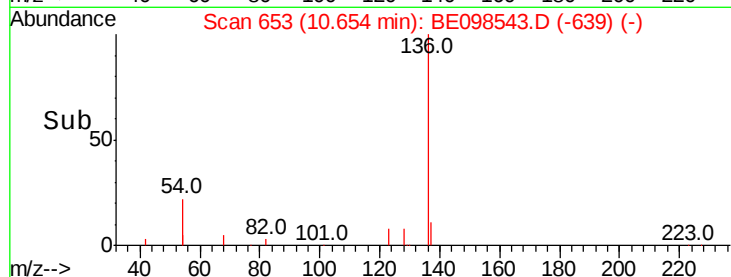
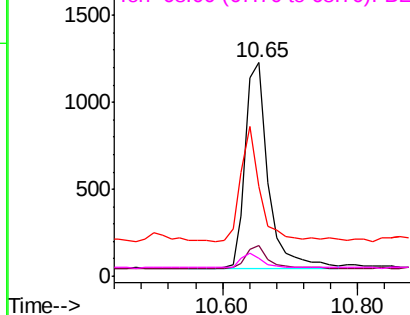
Tot Ion	Ratio	Lower	Upper
136	100		
137	14.5	9.2	13.8#
54	42.1	28.4	42.6
68	8.2	5.4	8.0#

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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: 0.335 ng

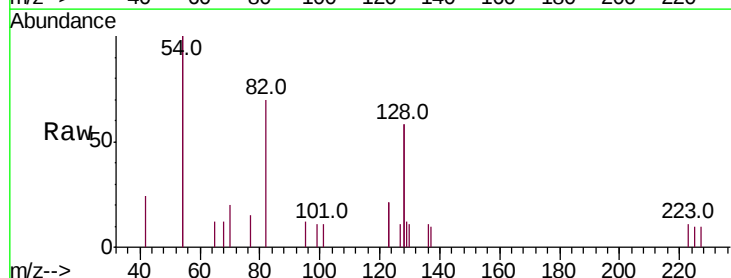
RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

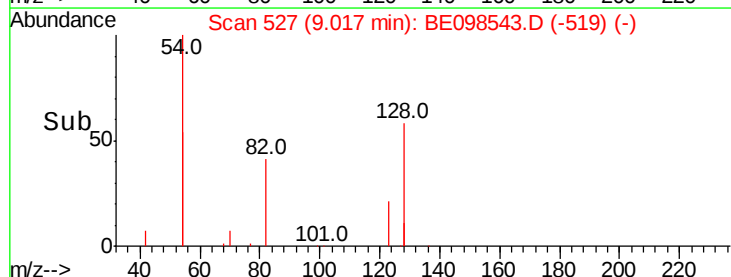
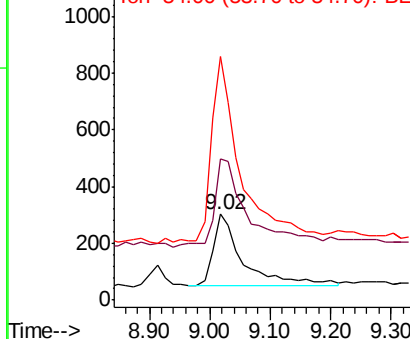
Lab File: BE098543.D

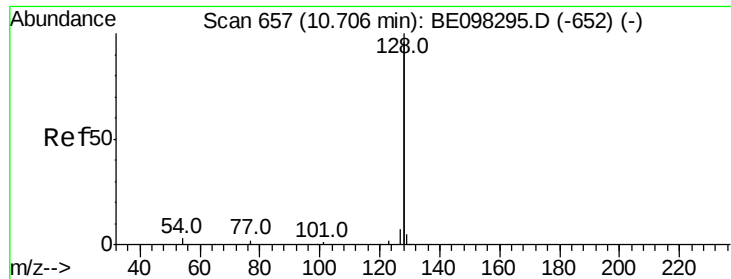
Acq: 20 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
82	100		
128	164.2	102.4	153.6#
54	284.1	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: 0.431 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Instrument :

BNA_E

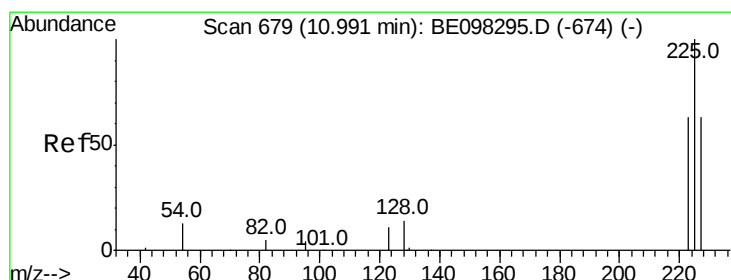
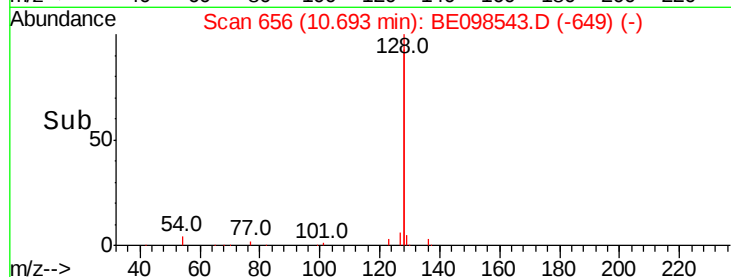
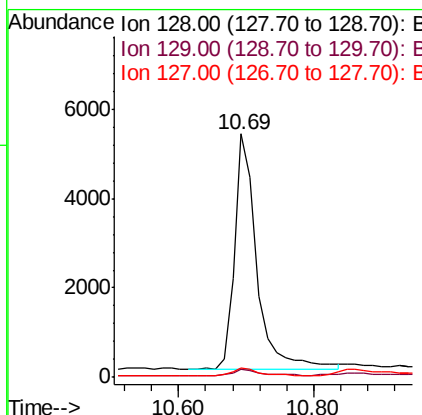
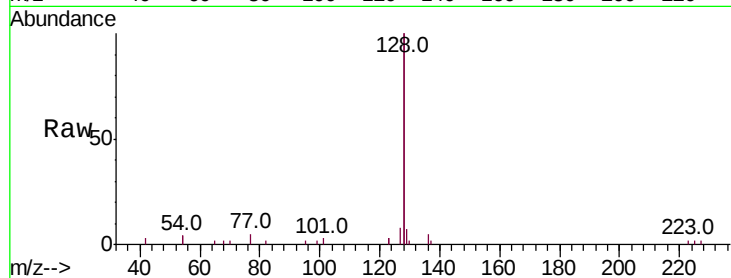
ClientSampleId :

PB115810BS

Tot Ion:128	Resp:	12151
Ion Ratio	Lower	Upper
128 100		
129 3.6	2.5	3.7
127 4.0	2.7	4.1

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.432 ng

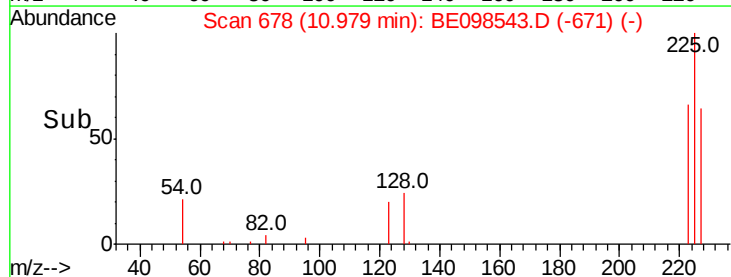
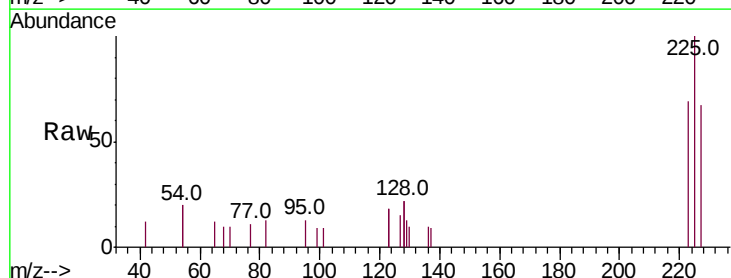
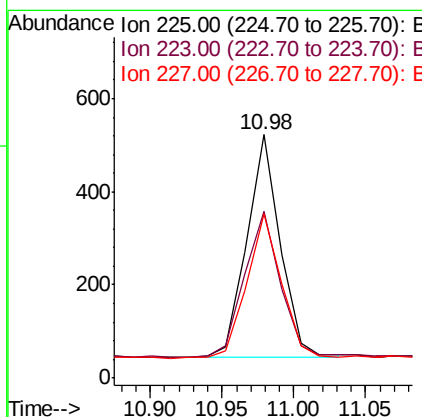
RT: 10.98 min Scan# 678

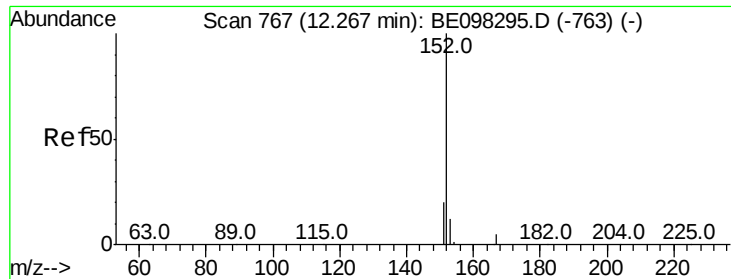
Delta R.T. -0.01 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Tgt Ion:225	Resp:	774
Ion Ratio	Lower	Upper
225 100		
223 70.0	49.4	74.0
227 66.5	52.0	78.0





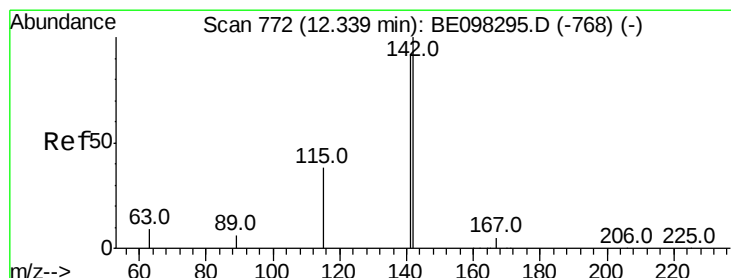
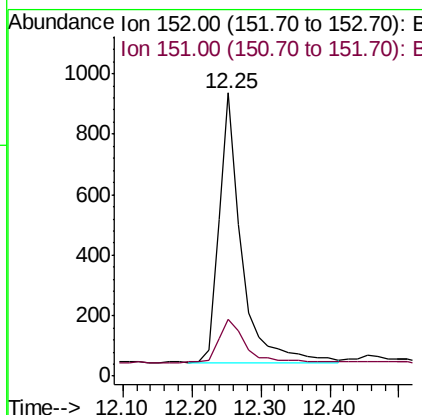
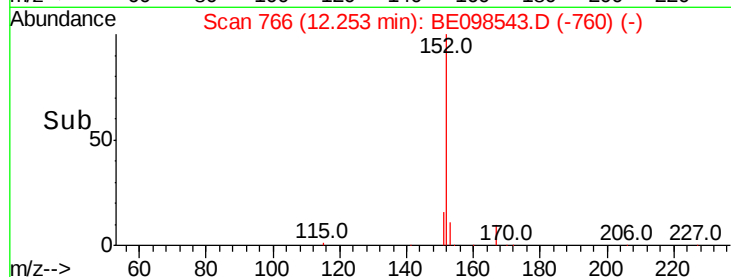
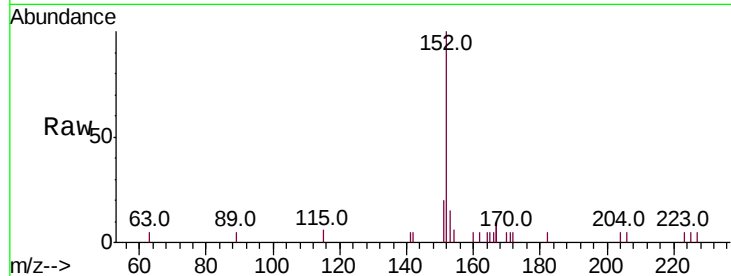
#11
 2-Methylnaphthalene-d10
 Concen: 0.442 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098543.D
 Acq: 20 Dec 2018 17:35

Instrument :
 BNA_E
 ClientSampled :
 PB115810BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4

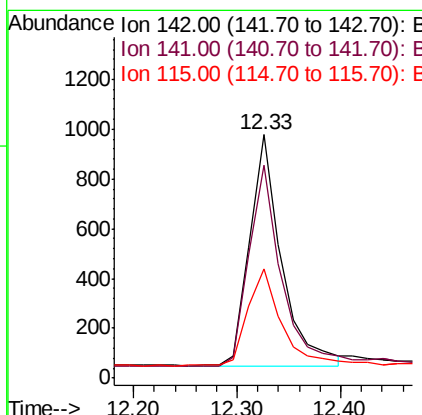
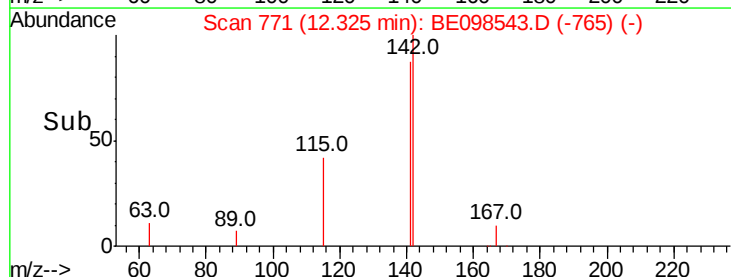
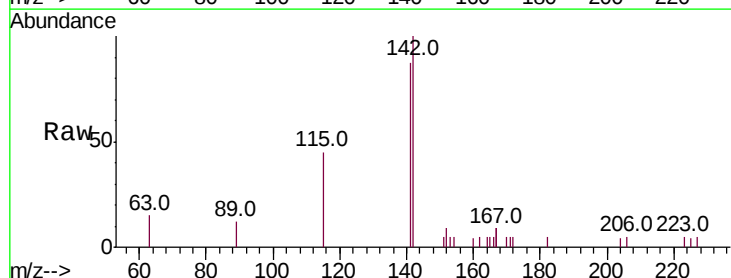
Manual Integrations
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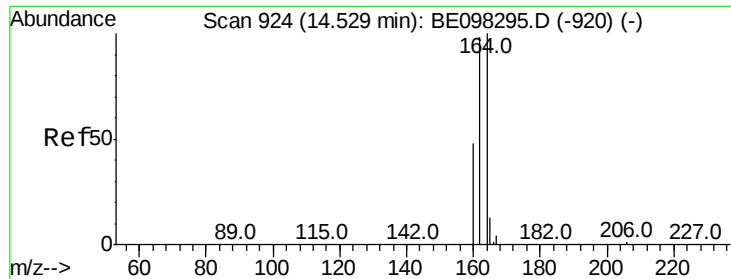
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#12
 2-Methylnaphthalene
 Concen: 0.436 ng
 RT: 12.33 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BE098543.D
 Acq: 20 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.0	106.6
115	44.7	32.2	48.2





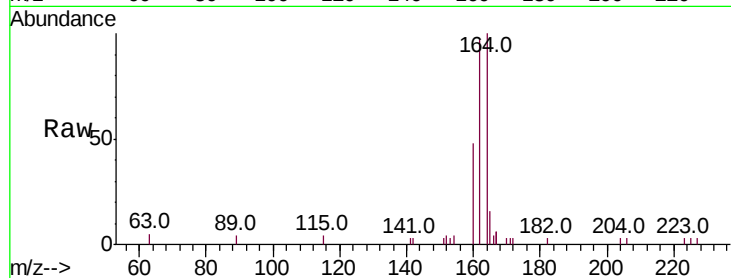
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.5	77.6	116.4
160	47.8	36.0	54.0

Manual Integrations
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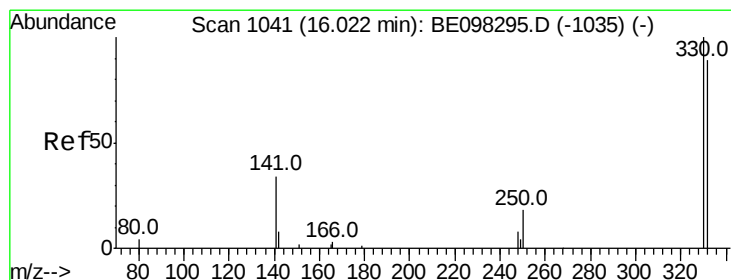
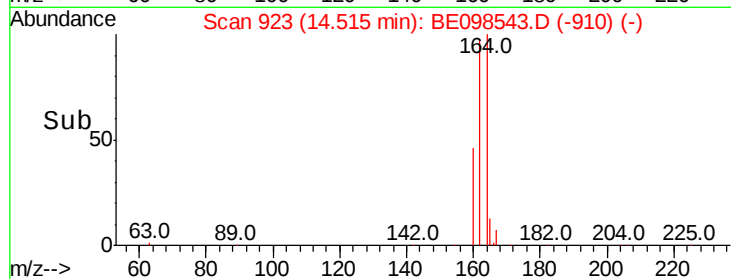
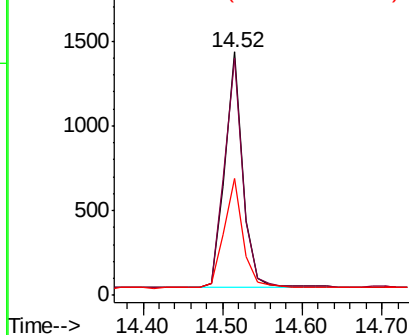


Abundance

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: 0.484 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

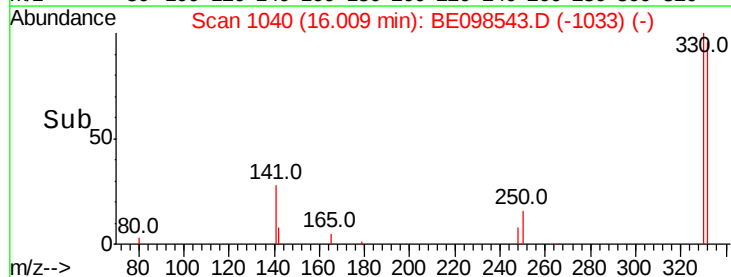
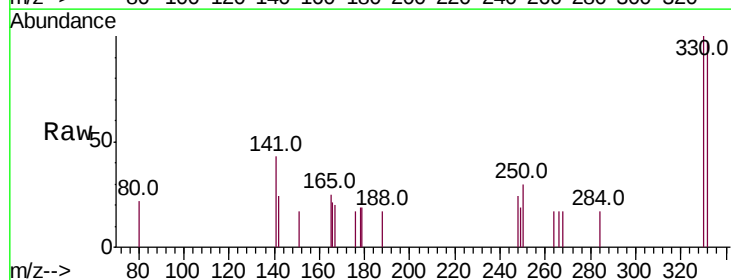
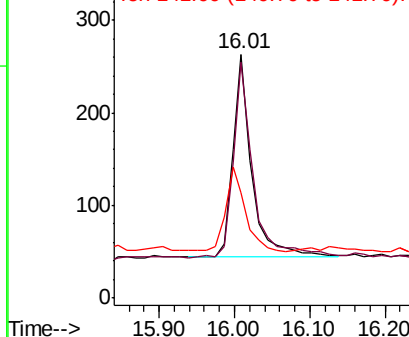
Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.9	76.2	114.4
141	44.5	39.0	58.4

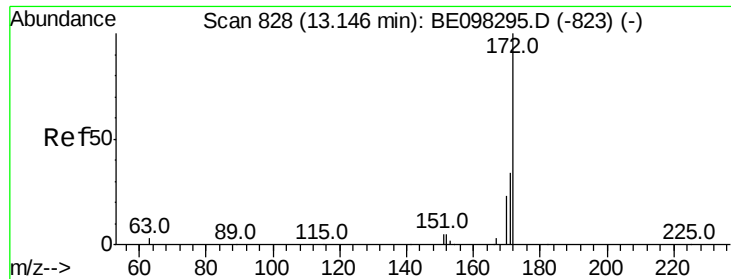
Abundance

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





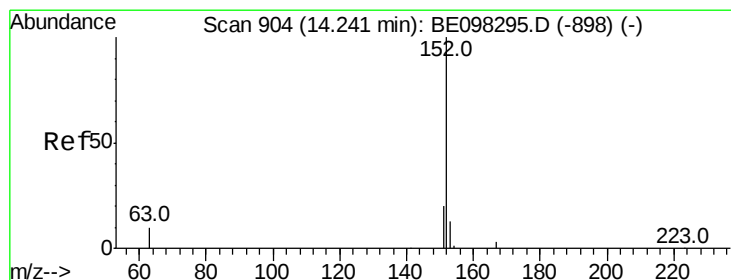
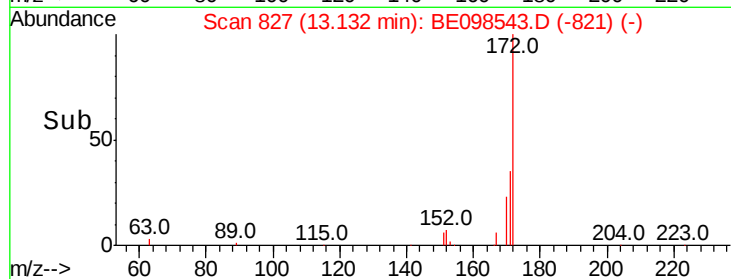
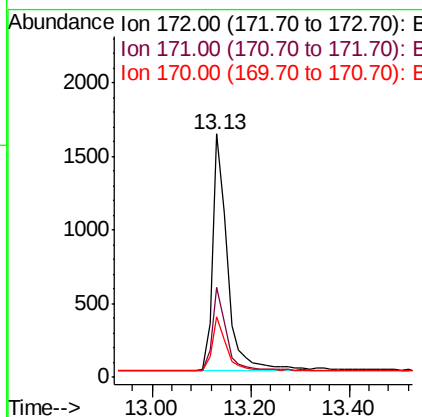
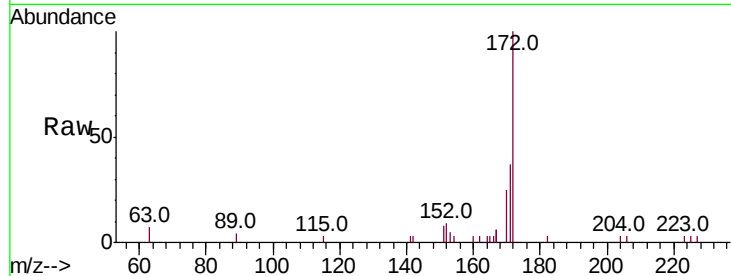
#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	27.5	41.3
170	25.0	19.6	29.4

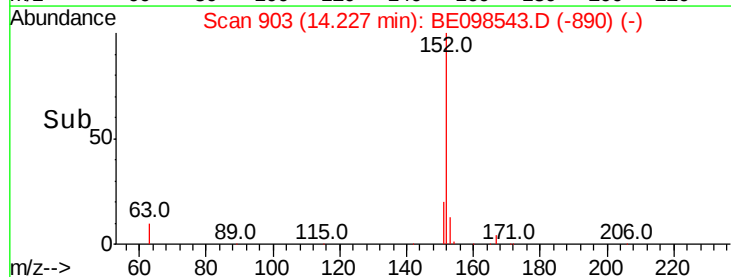
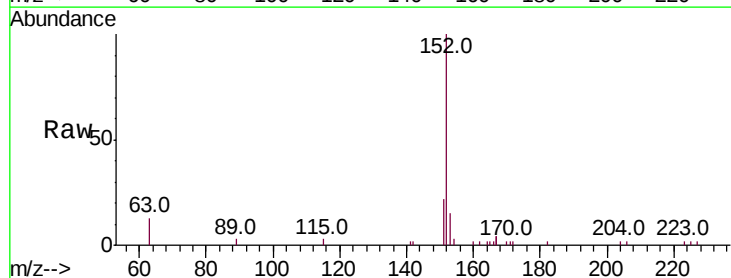
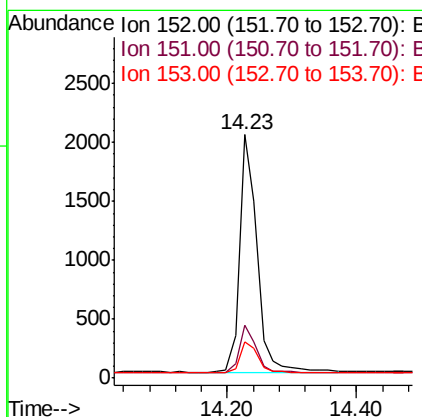
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#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3
153	13.7	10.6	16.0





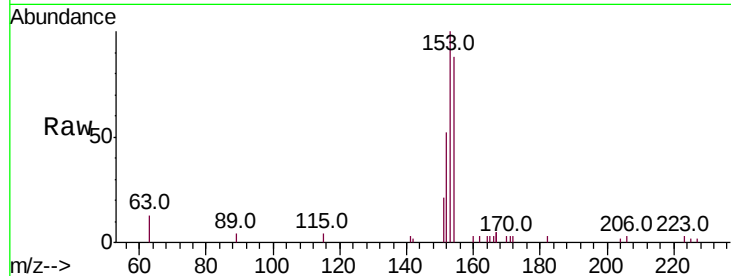
#17
Acenaphthene
Concen: 0.405 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.8	137.6
152	57.0	45.5	68.3

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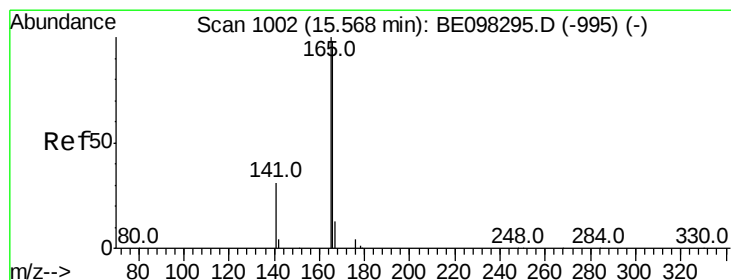
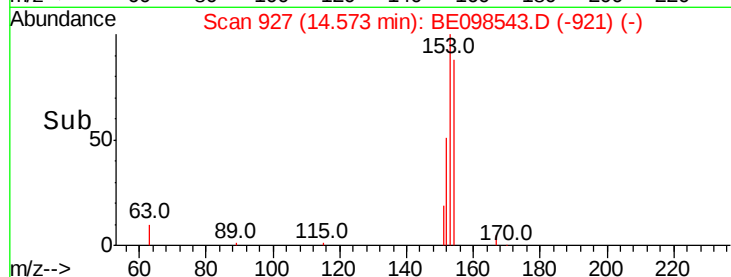
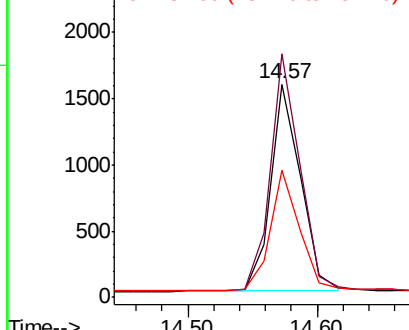


Abundance

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: 0.424 ng
RT: 15.55 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

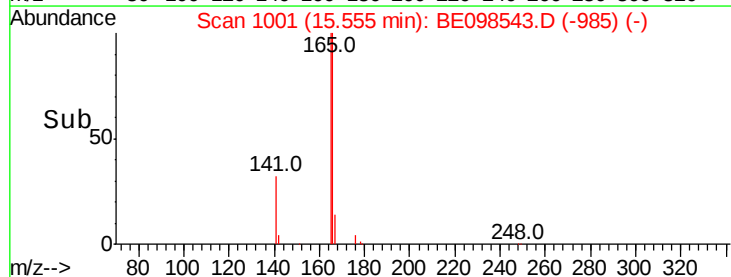
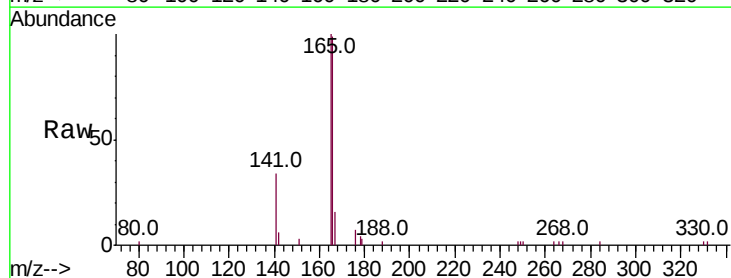
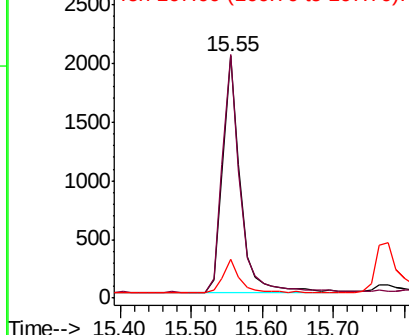
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.3	118.9
167	13.5	11.3	16.9

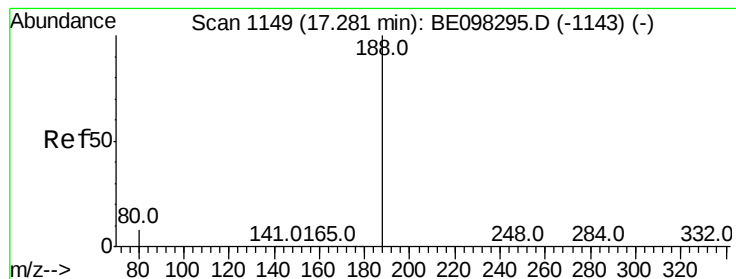
Abundance

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: 17.26 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Instrument :

BNA_E

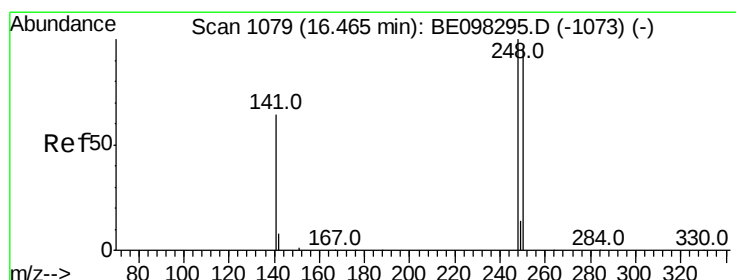
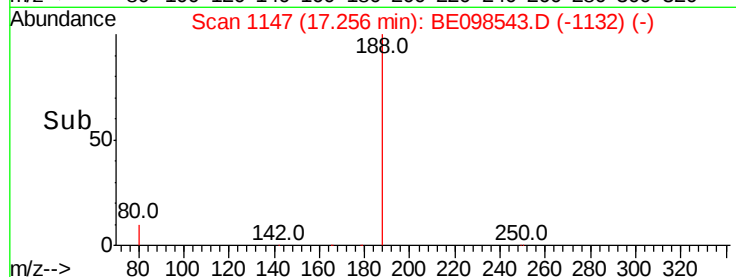
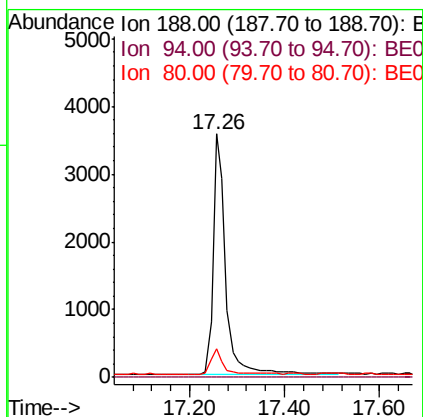
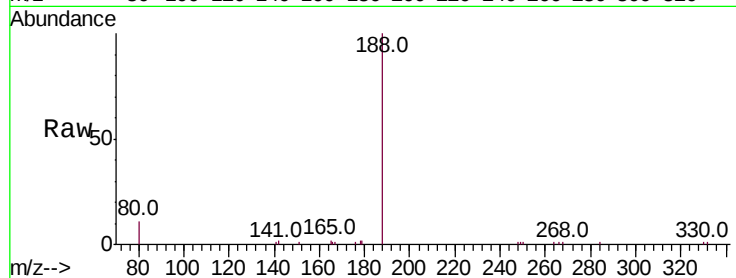
ClientSampleId :

PB115810BS

Tot Ion:	188	Resp:	6646
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.5	7.2	10.8#

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#20

4-Bromophenyl-phenylether

Concen: 0.364 ng

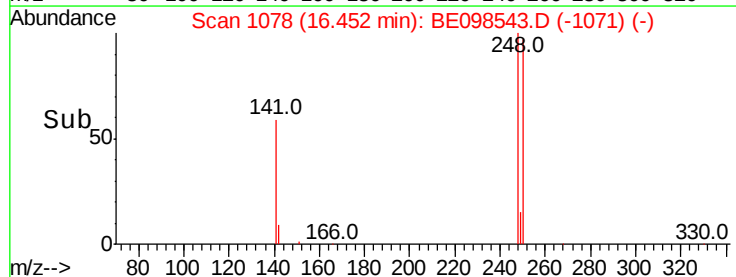
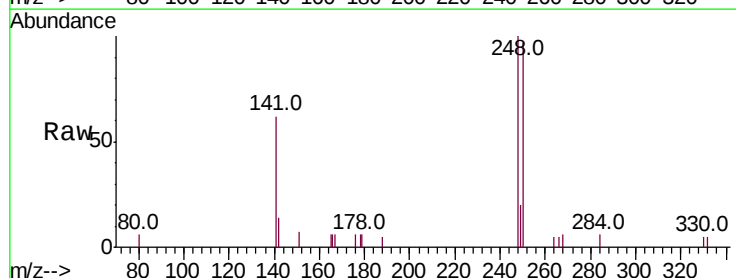
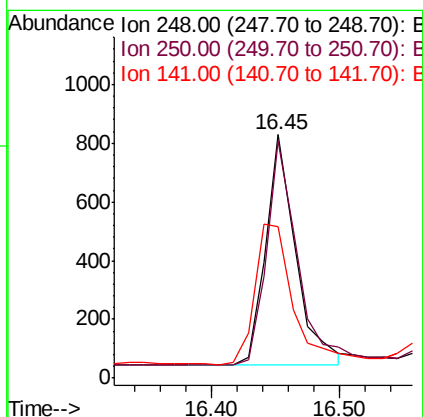
RT: 16.45 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Tgt Ion:	248	Resp:	1302
Ion Ratio	Lower	Upper	
248	100		
250	97.5	71.0	106.6
141	62.1	62.1	93.1





#21

Hexachlorobenzene

Concen: 0.423 ng

RT: 16.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Instrument :

BNA_E

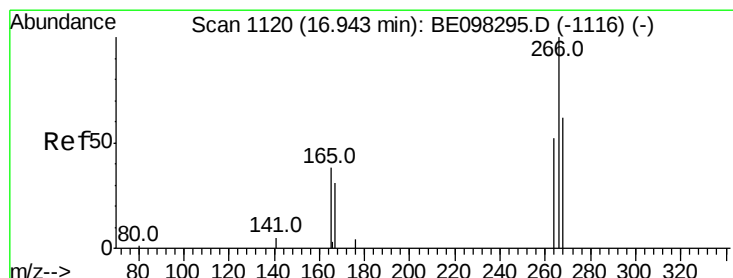
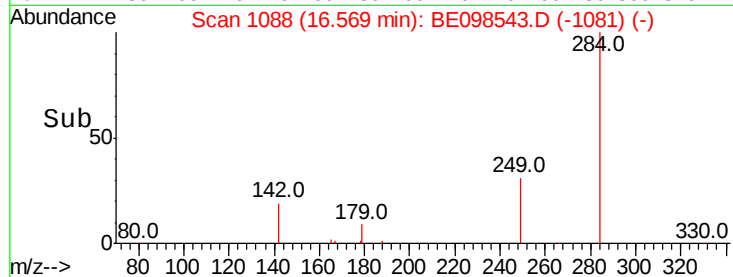
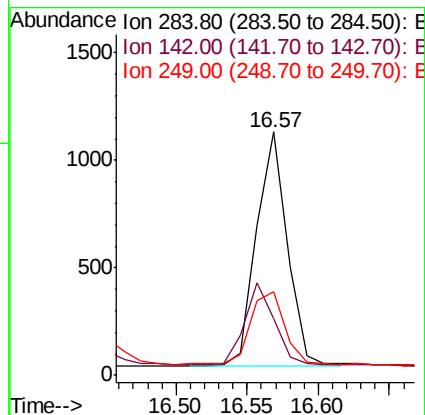
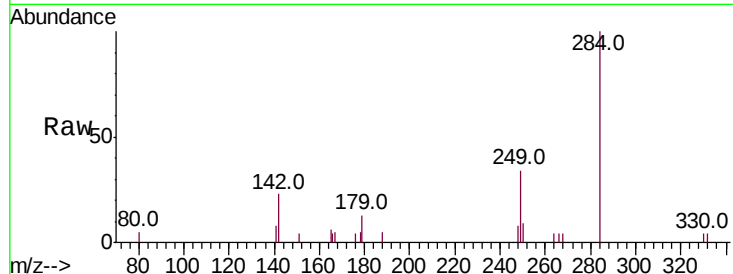
ClientSampleId :

PB115810BS

Tot Ion:	284	Resp:	1628
Ion Ratio	Lower	Upper	
284	100		
142	33.9	26.3	39.5
249	33.7	26.0	39.0

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#22

Pentachlorophenol

Concen: 0.630 ng

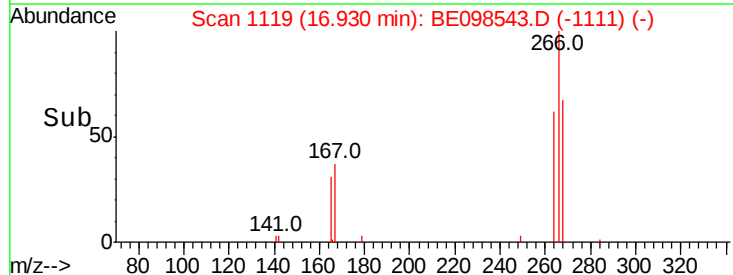
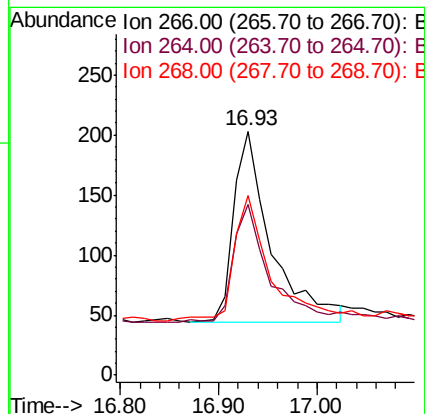
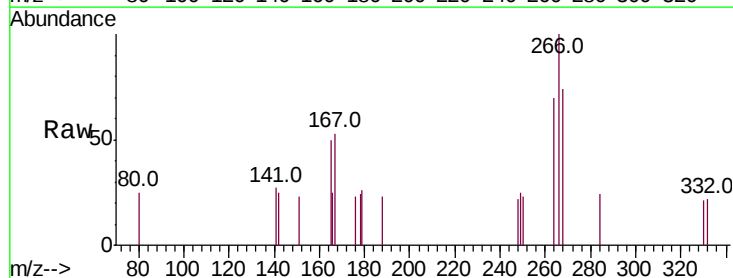
RT: 16.93 min Scan# 1119

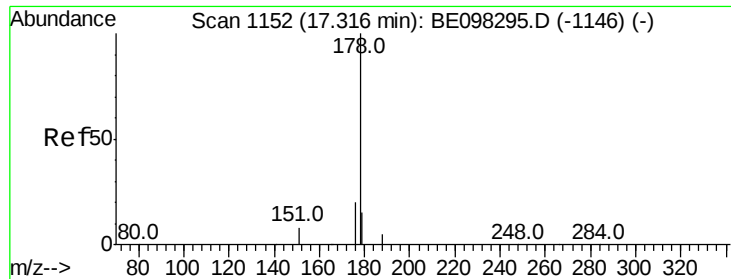
Delta R.T. -0.01 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Tgt Ion:	266	Resp:	422
Ion Ratio	Lower	Upper	
266	100		
264	70.0	59.0	88.4
268	73.9	55.1	82.7





#23

Phenanthrene

Concen: 0.405 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Instrument :

BNA_E

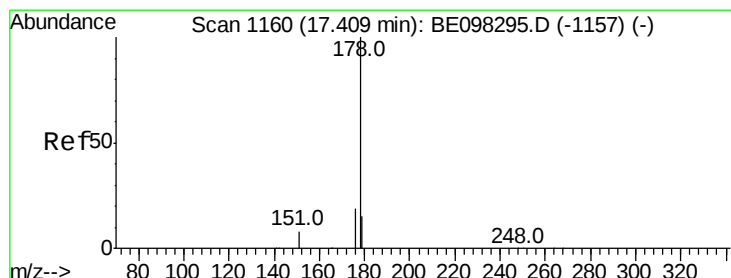
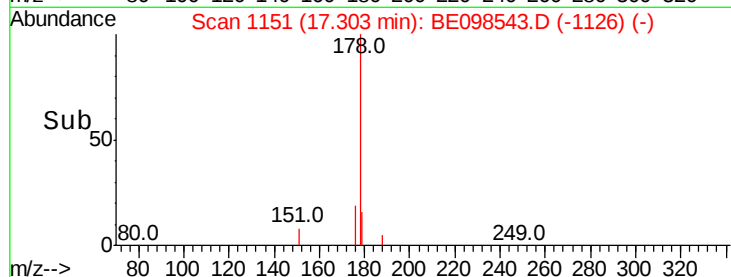
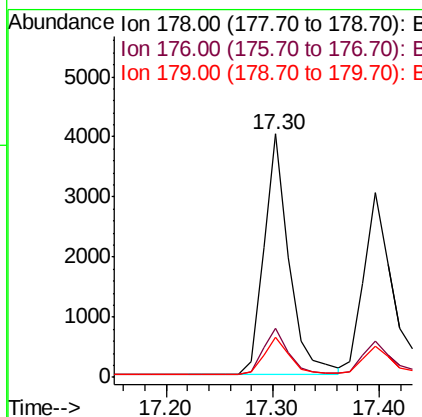
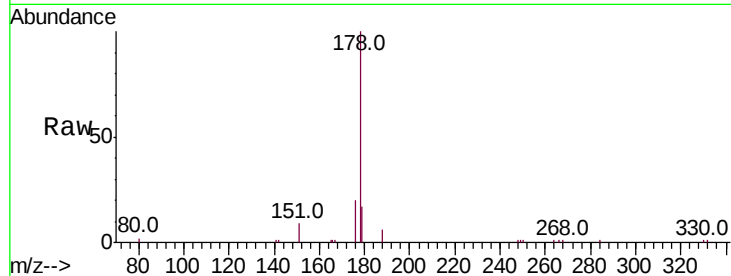
ClientSampleId :

PB115810BS

Tot Ion:178	Resp:	6542
Ion Ratio	Lower	Upper
178	100	
176	19.7	15.9 23.9
179	15.9	12.3 18.5

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#24

Anthracene

Concen: 0.366 ng

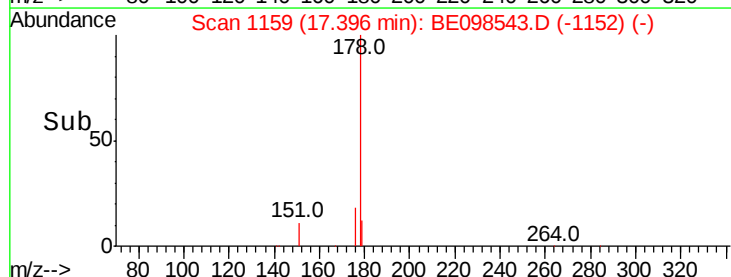
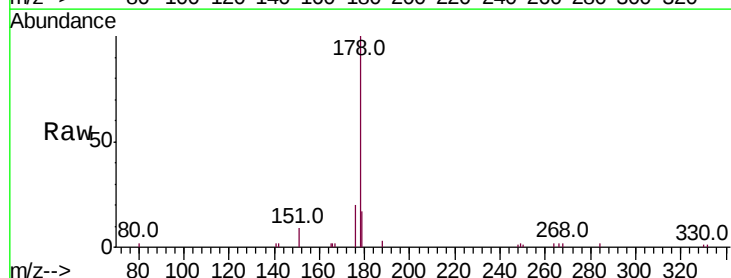
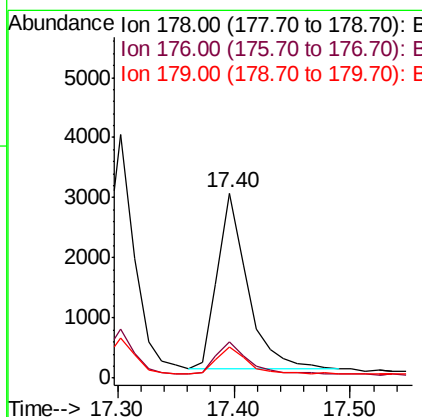
RT: 17.40 min Scan# 1159

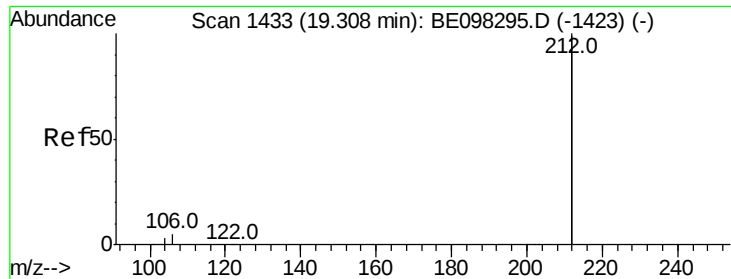
Delta R.T. -0.01 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Tgt Ion:178	Resp:	5268
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.0 22.4
179	15.3	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.460 ng

RT: 19.29 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Instrument :

BNA_E

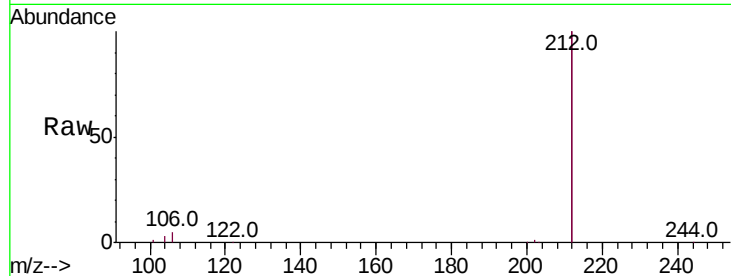
ClientSampleId :

PB115810BS

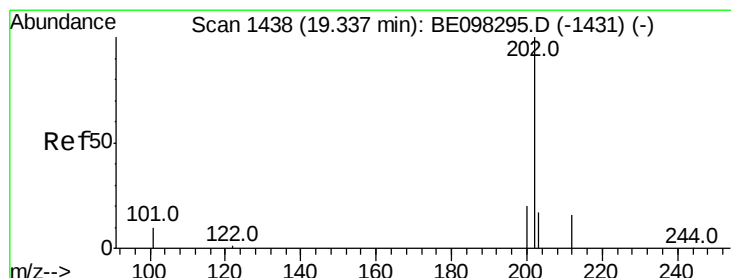
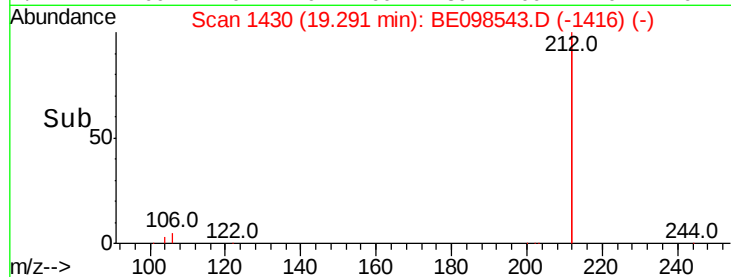
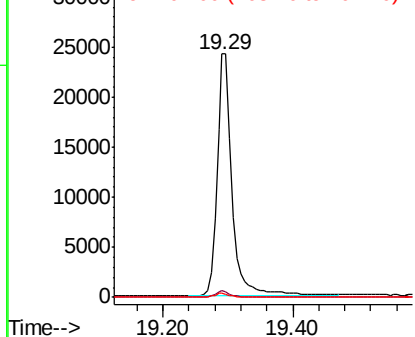
Tot Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.2	3.2
104	1.3	1.3	1.9

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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: 0.452 ng

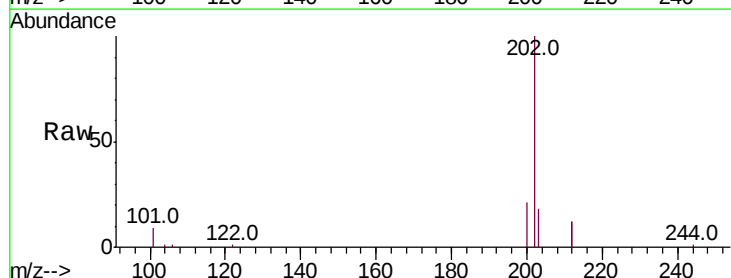
RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

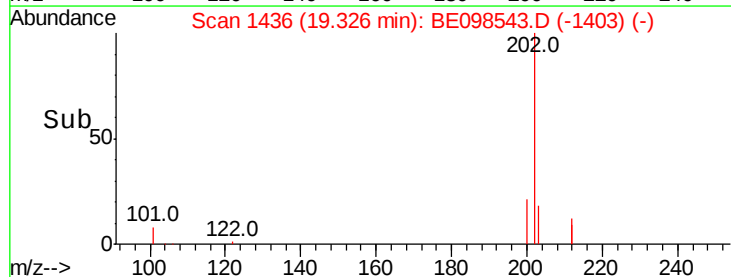
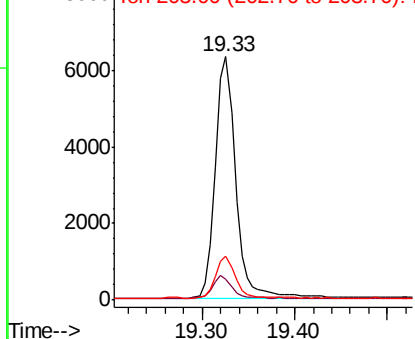
Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	8.0	12.0
203	16.6	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Instrument :

BNA_E

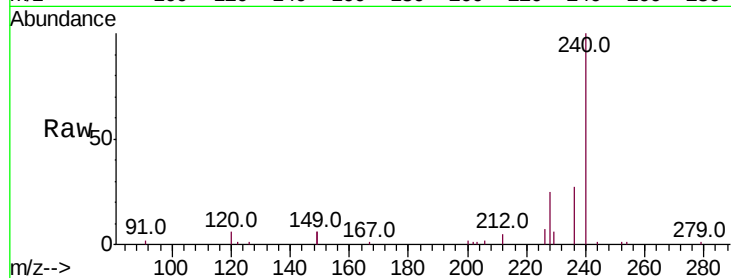
ClientSampleId :

PB115810BS

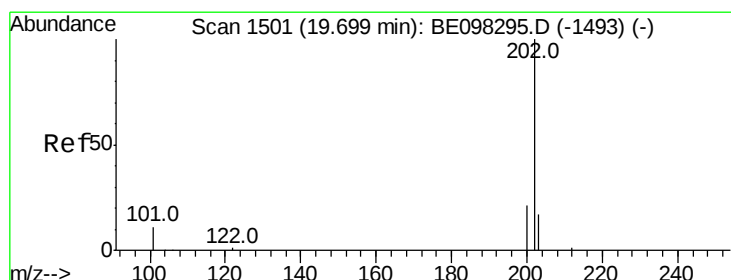
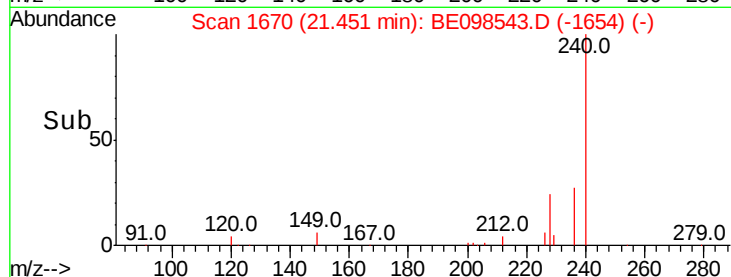
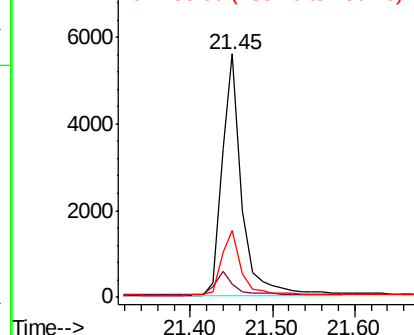
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.7	9.5	14.3#
236	27.3	22.7	34.1

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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: 0.347 ng

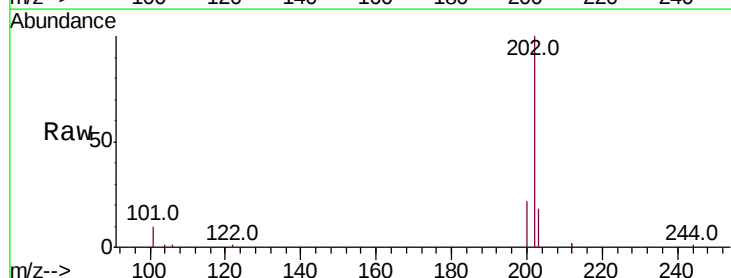
RT: 19.69 min Scan# 1499

Delta R.T. -0.01 min

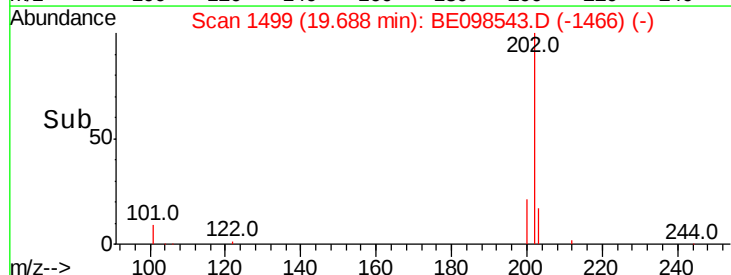
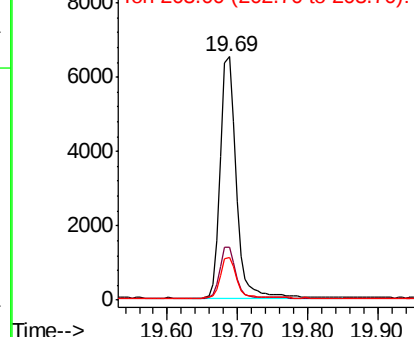
Lab File: BE098543.D

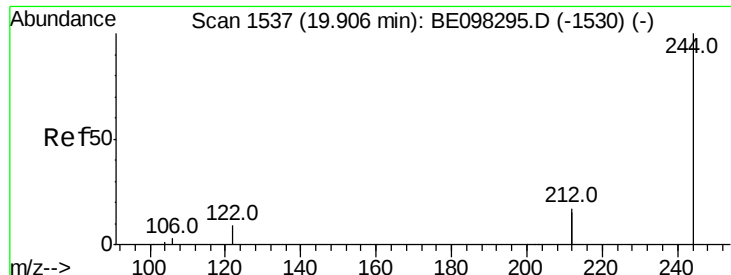
Acq: 20 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.0	14.1	21.1



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





#29

Terphenyl-d14

Concen: 0.351 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Instrument :

BNA_E

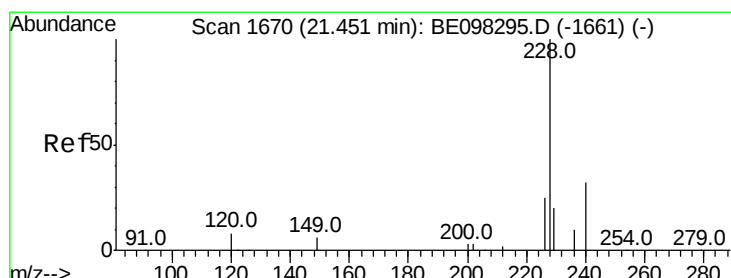
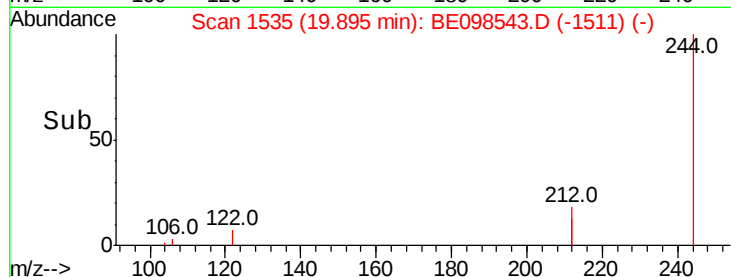
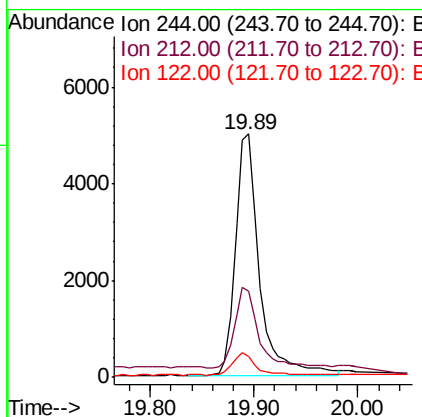
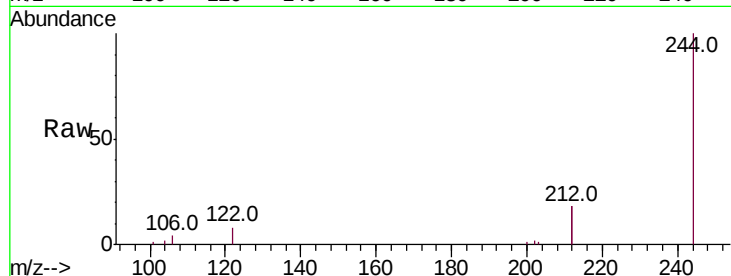
ClientSampleId :

PB115810BS

Tot Ion:	244	Resp:	7992
Ion Ratio	Lower	Upper	
244	100		
212	35.2	27.4	41.0
122	8.4	8.3	12.5

Manual Integrations
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#30

Benzo(a)anthracene

Concen: 0.391 ng

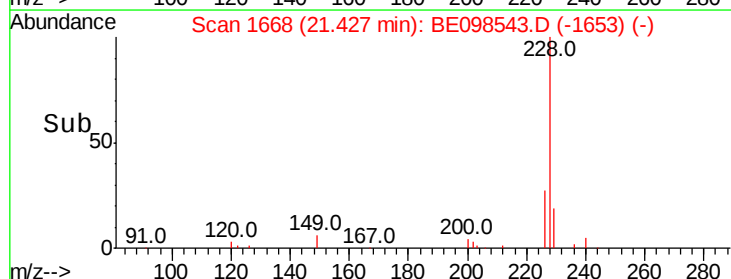
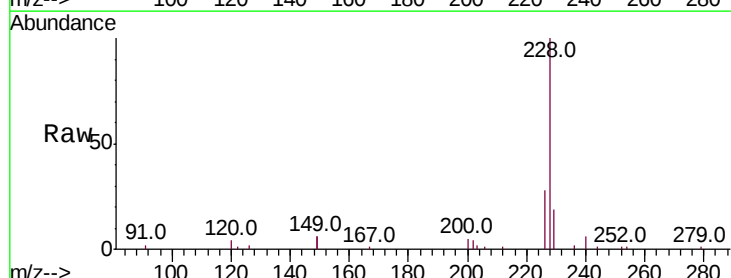
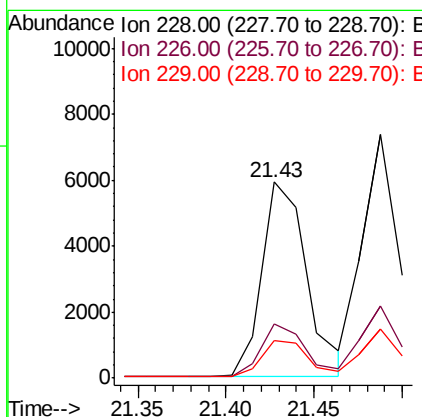
RT: 21.43 min Scan# 1668

Delta R.T. -0.02 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Tgt Ion:	228	Resp:	10423
Ion Ratio	Lower	Upper	
228	100		
226	27.7	21.8	32.8
229	19.4	16.3	24.5





#31

Chrysene

Concen: 0.395 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Instrument :

BNA_E

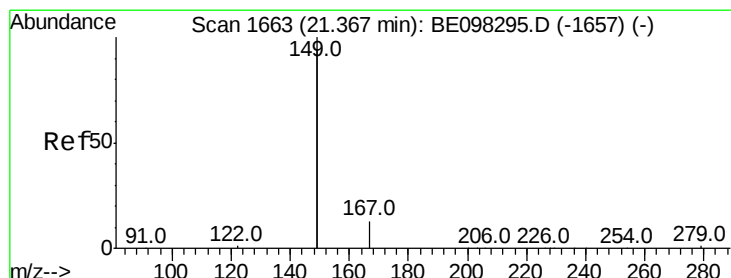
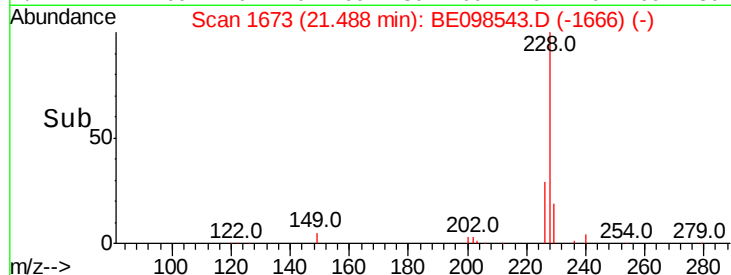
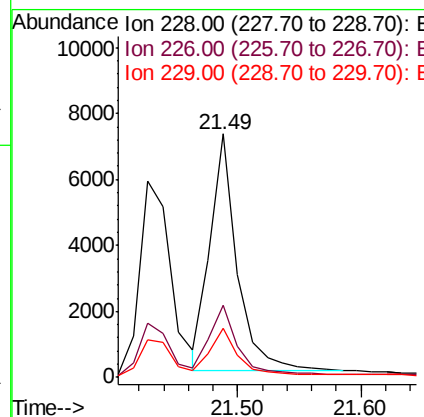
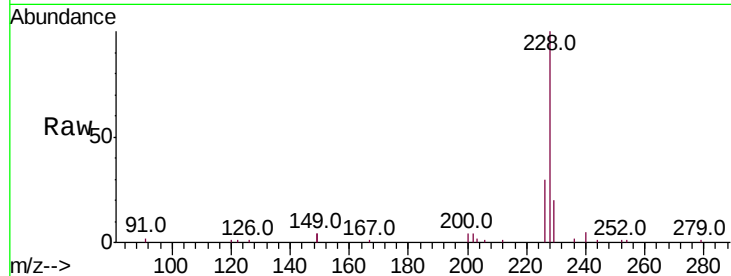
ClientSampleId :

PB115810BS

Tot Ion:	228	Resp:	11032
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.4	35.0
229	20.0	16.2	24.4

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.360 ng

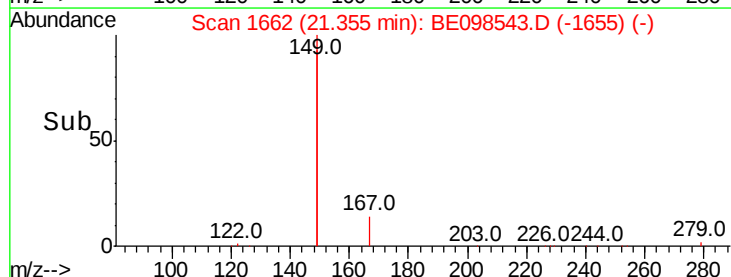
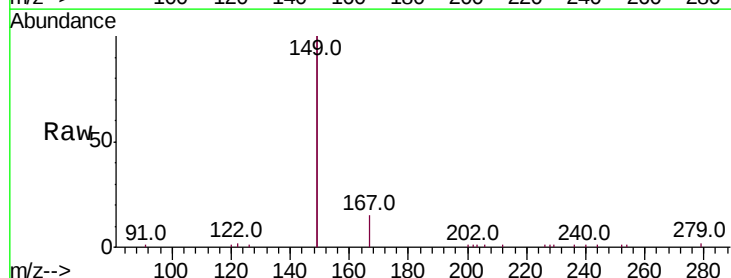
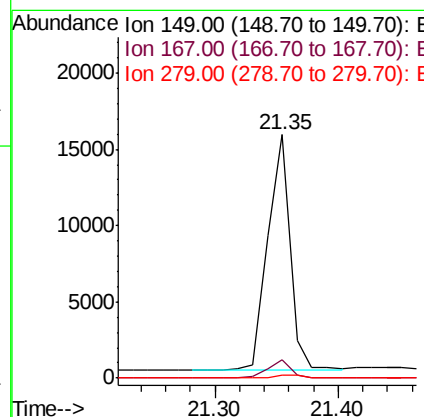
RT: 21.35 min Scan# 1662

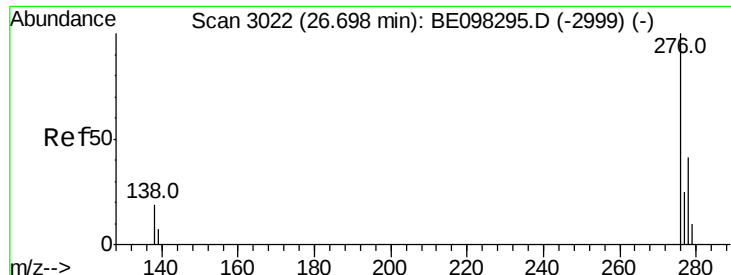
Delta R.T. -0.01 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Tgt Ion:	149	Resp:	19496
Ion Ratio	Lower	Upper	
149	100		
167	6.9	5.7	8.5
279	1.0	1.0	1.4





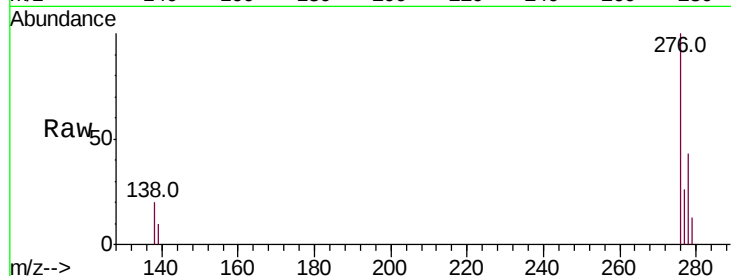
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng
RT: 26.66 min Scan# 3011
Delta R.T. -0.04 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.3	24.5
277	24.9	20.2	30.4

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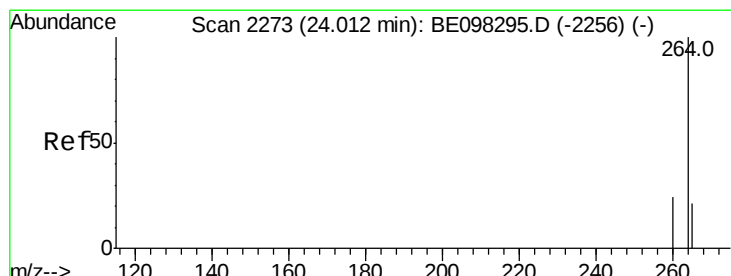
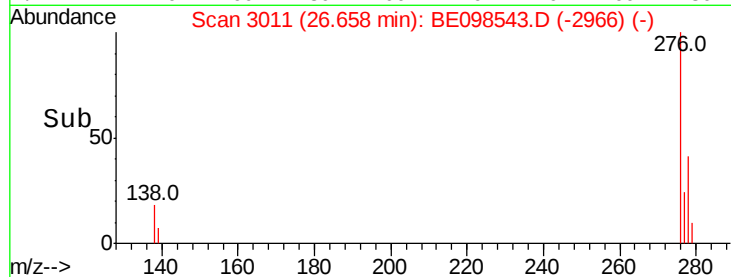
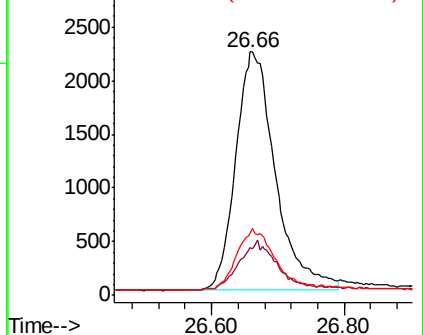


Abundance

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# 2266
Delta R.T. -0.02 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

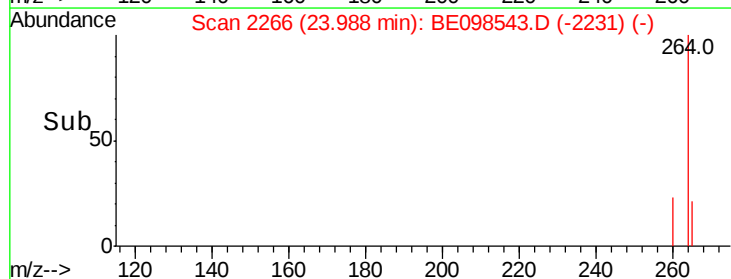
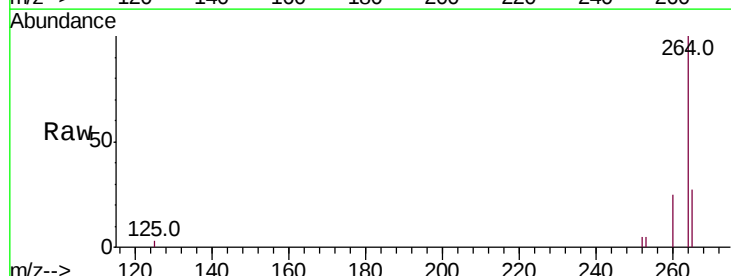
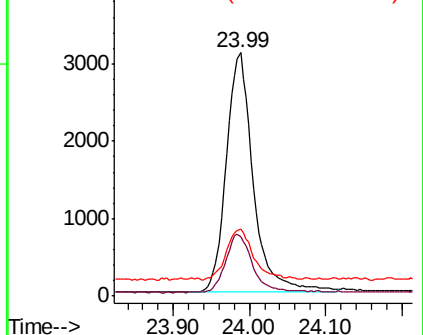
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.2
265	27.4	25.2	37.8

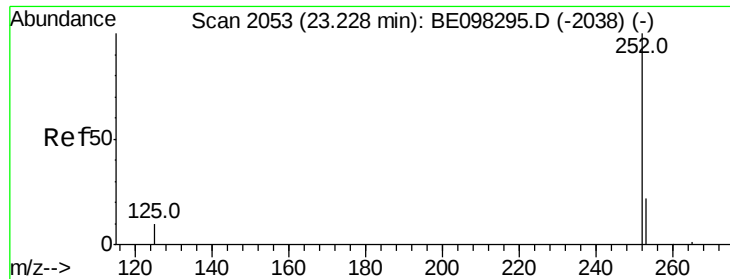
Abundance

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





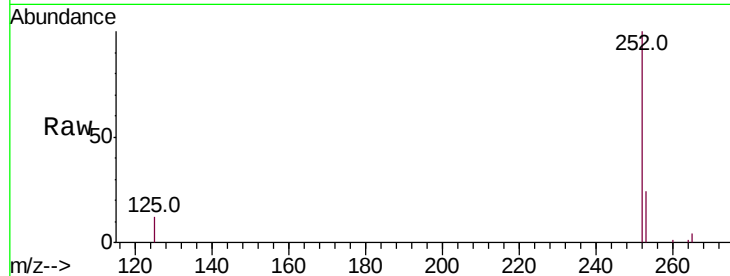
#35
Benzo(b)fluoranthene
Concen: 0.438 ng
RT: 23.21 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	12.1	9.6	14.4

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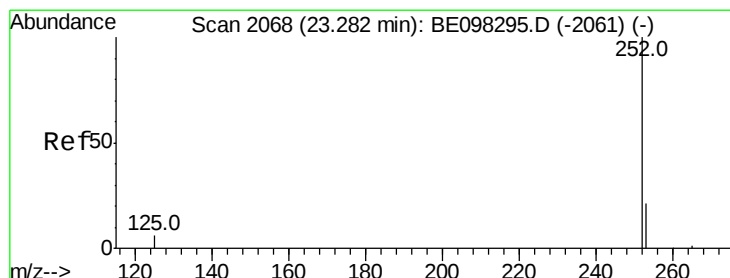
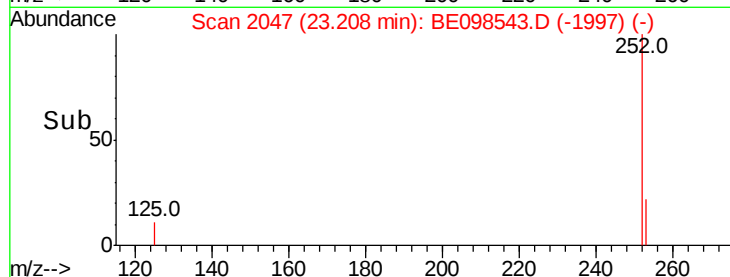
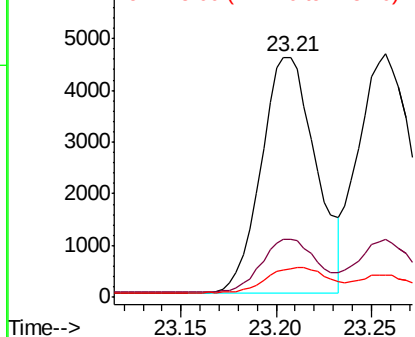


Abundance

Ion 252.00 (251.70 to 252.70): E

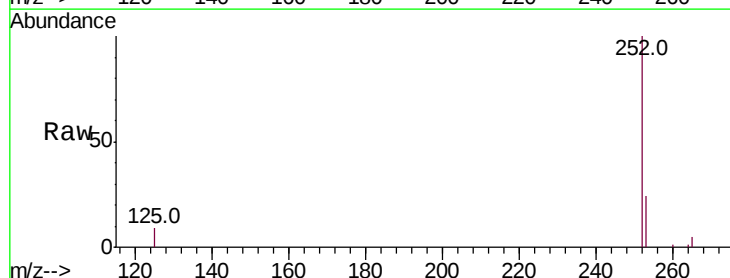
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36
Benzo(k)fluoranthene
Concen: 0.447 ng m
RT: 23.26 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.6
125	9.1	9.1	13.7#

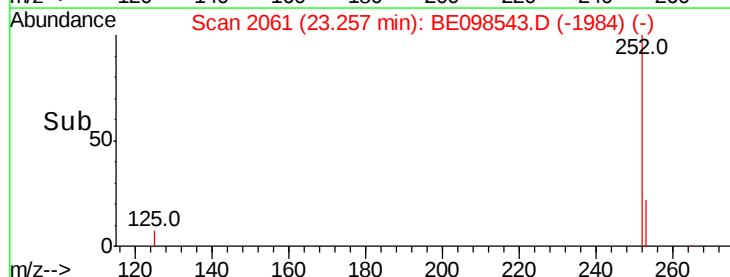
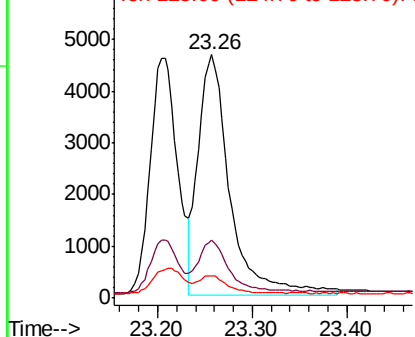


Abundance

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





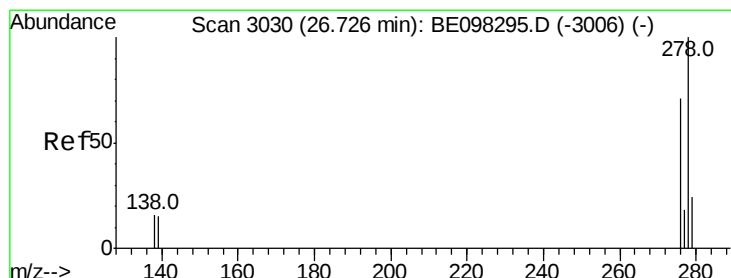
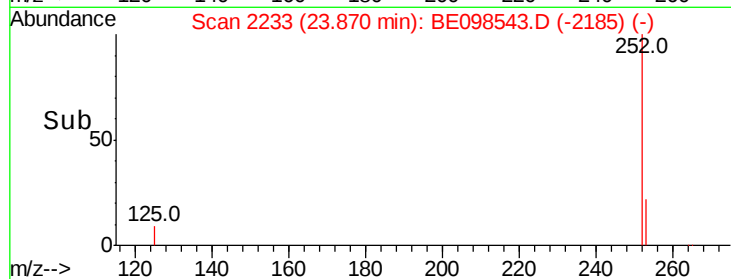
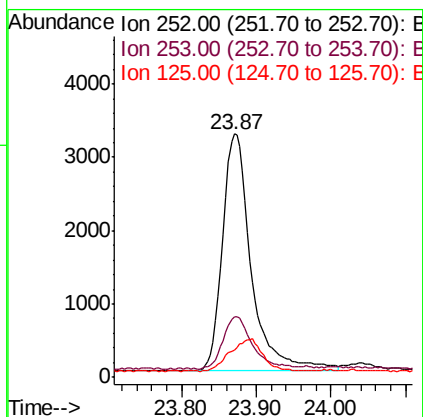
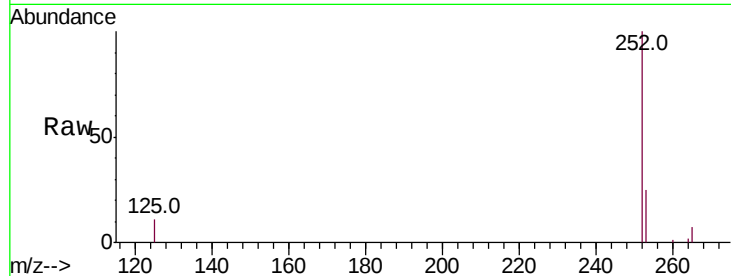
#37
Benzo(a)pyrene
Concen: 0.403 ng
RT: 23.87 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.6	30.8
125	11.1	10.5	15.7

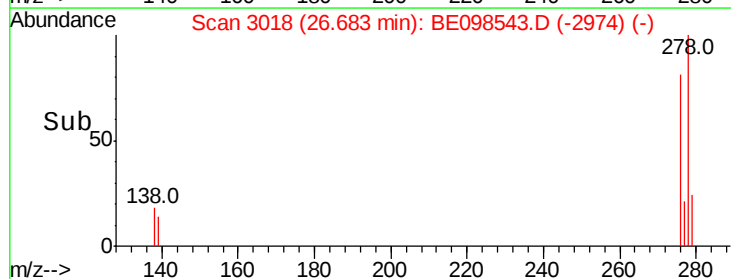
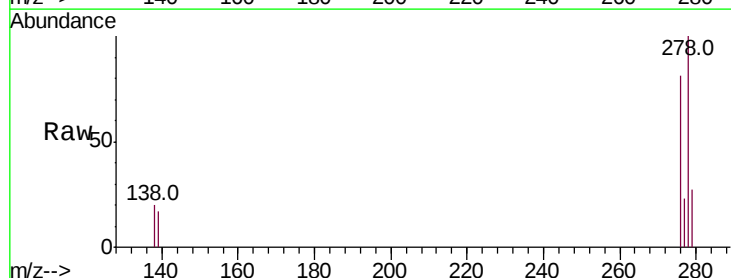
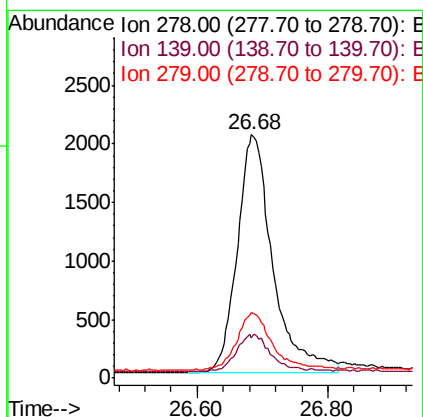
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#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 26.68 min Scan# 3018
Delta R.T. -0.04 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.5	21.7
279	26.8	21.8	32.8





#39

Benzo(a,h,i)perylene

Concen: 0.388 ng

RT: 27.48 min Scan# 3241

Delta R.T. -0.04 min

Lab File: BE098543.D

Acq: 20 Dec 2018 17:35

Instrument :

BNA_E

ClientSampleId :

PB115810BS

Tot Ion:	276	Resp:	7916
Ion Ratio	Lower	Upper	
276	100		
277	26.6	20.8	31.2
138	18.6	15.8	23.6

Manual Integrations
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