

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
 Data File : BE098551.D
 Acq On : 21 Dec 2018 12:53
 Operator : SJ/JU
 Sample : J6398-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-04_121218MS

Manual Integrations
 APPROVED

Sohil
 12/26/2018 3:24:30 PM

Quant Time: Dec 21 15:50:12 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	544	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	2591	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	1986	0.40	ng	-0.02
19) Phenanthrene-d10	17.26	188	6213	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	10066	0.40	ng	-0.01
34) Perylene-d12	23.99	264	8509	0.40	ng	-0.03

System Monitoring Compounds

4) 2-Fluorophenol	5.44	112	319	0.25	ng	0.00
5) Phenol-d6	7.03	99	330	0.18	ng	-0.01
8) Nitrobenzene-d5	9.02	82	701	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	1748m	0.41	ng	-0.02
14) 2,4,6-Tribromophenol	16.01	330	436	0.60	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	2758	0.33	ng	-0.02
25) Fluoranthene-d10	19.29	212	38030	0.48	ng	-0.02
29) Terphenyl-d14	19.89	244	7741	0.32	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	214	0.227	ng	# 60
3) n-Nitrosodimethylamine	3.68	42	169	0.200	ng	# 100
6) bis(2-Chloroethyl)ether	7.27	93	614	0.358	ng	96
9) Naphthalene	10.69	128	10513	0.403	ng	99
10) Hexachlorobutadiene	10.98	225	592	0.357	ng	96
12) 2-Methylnaphthalene	12.32	142	1766	0.417	ng	95
16) Acenaphthylene	14.24	152	3280	0.353	ng	99
17) Acenaphthene	14.57	154	2119	0.379	ng	99
18) Fluorene	15.55	166	3258	0.436	ng	100
20) 4-Bromophenyl-phenylether	16.45	248	1151	0.344	ng	92
21) Hexachlorobenzene	16.57	284	1276	0.355	ng	95
22) Pentachlorophenol	16.92	266	863	1.184	ng	95
23) Phenanthrene	17.30	178	6546	0.434	ng	100
24) Anthracene	17.40	178	5496	0.408	ng	99
26) Fluoranthene	19.33	202	10377	0.519	ng	99
28) Pyrene	19.69	202	10869	0.344	ng	99
30) Benzo(a)anthracene	21.43	228	11925	0.416	ng	99
31) Chrysene	21.49	228	11640	0.388	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	27320	0.469	ng	99
33) Indeno(1,2,3-cd)pyrene	26.67	276	8942	0.299	ng	97
35) Benzo(b)fluoranthene	23.21	252	10328	0.444	ng	# 94
36) Benzo(k)fluoranthene	23.26	252	11054	0.408	ng	97
37) Benzo(a)pyrene	23.88	252	9556	0.398	ng	97
38) Dibenzo(a,h)anthracene	26.69	278	7304	0.323	ng	98
39) Benzo(g,h,i)perylene	27.49	276	7462	0.327	ng	97

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

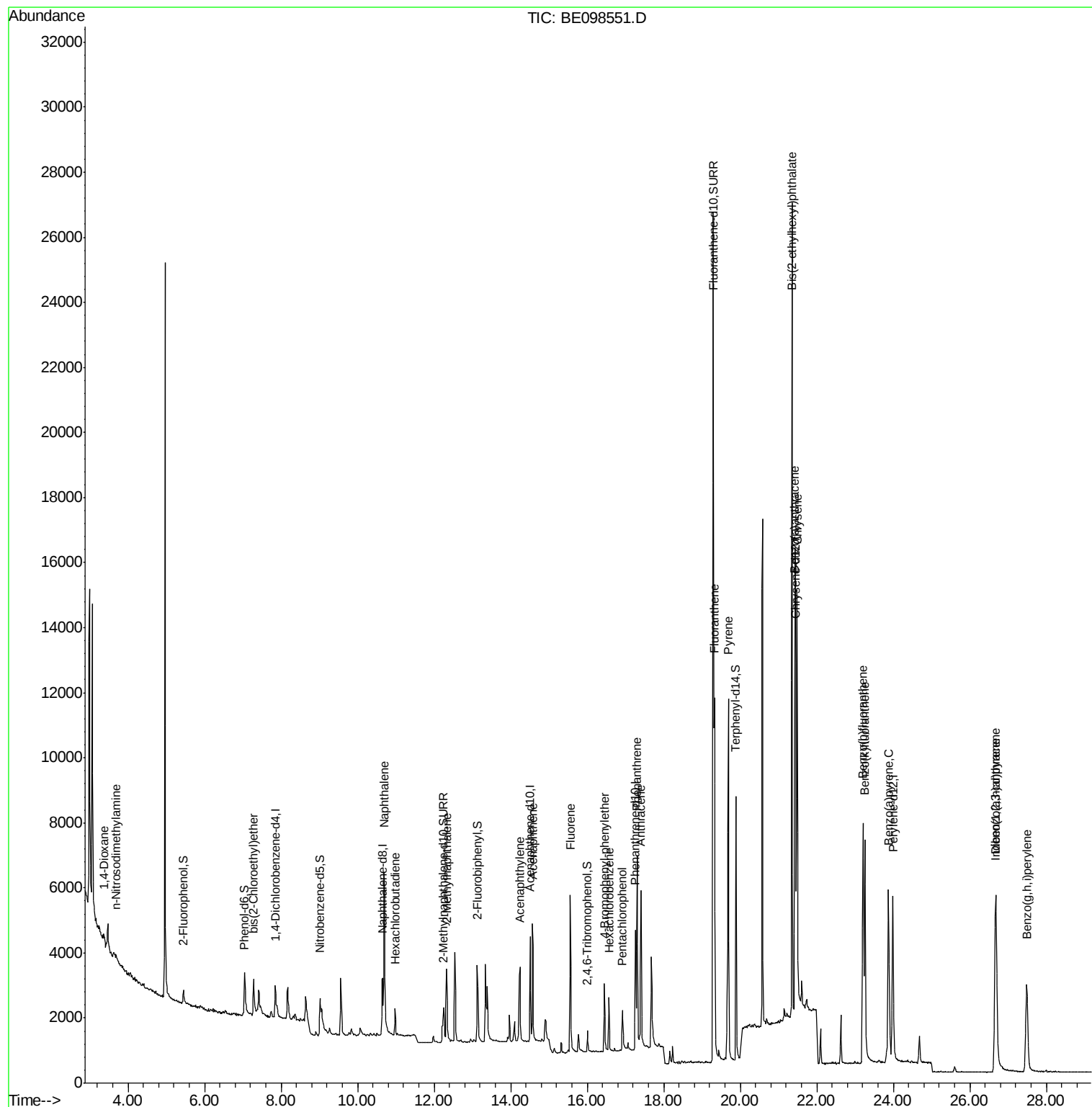
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
Data File : BE098551.D
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PR-MW-04_121218MS

Manual Integrations
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Quant Time: Dec 21 15:50:12 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





#1

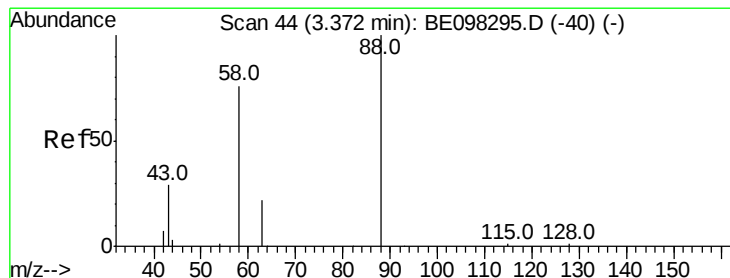
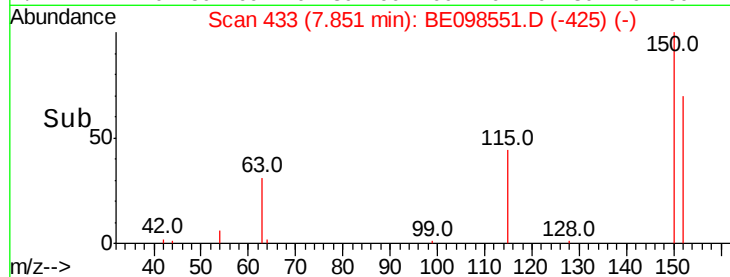
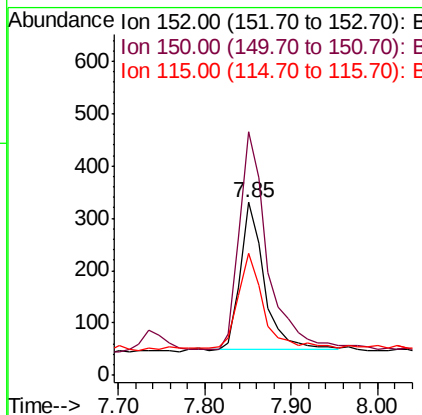
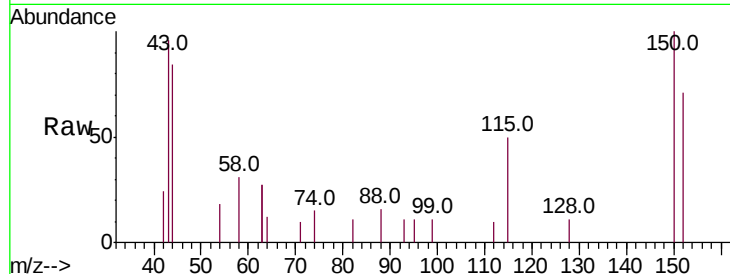
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Instrument :
BNA_E
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.9	124.2	186.4
115	70.3	53.9	80.9

Manual Integrations
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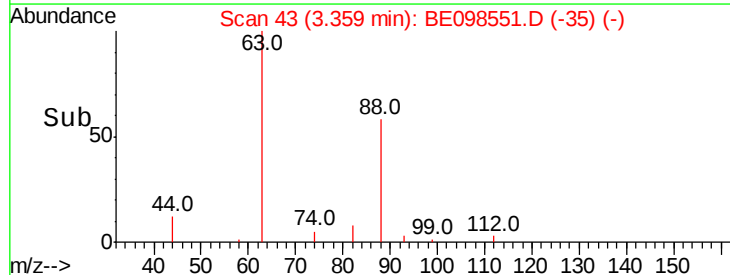
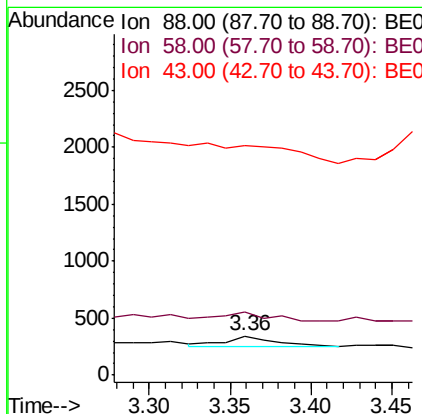
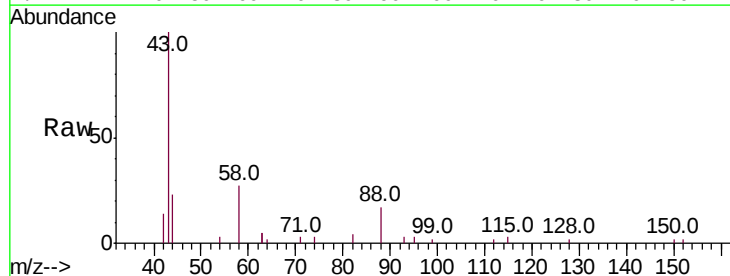
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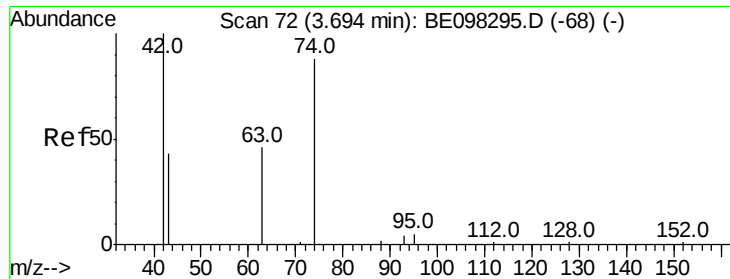


#2

1,4-Dioxane
Concen: 0.227 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	75.0	112.6#
43	0.0	38.3	57.5#





#3

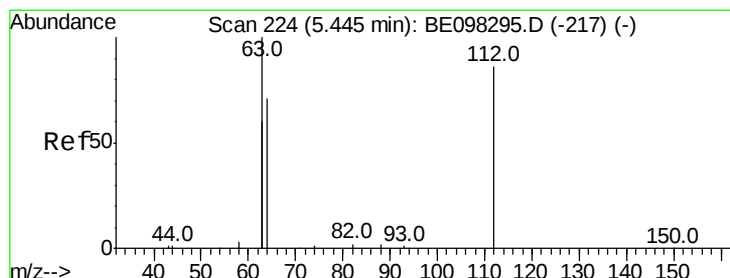
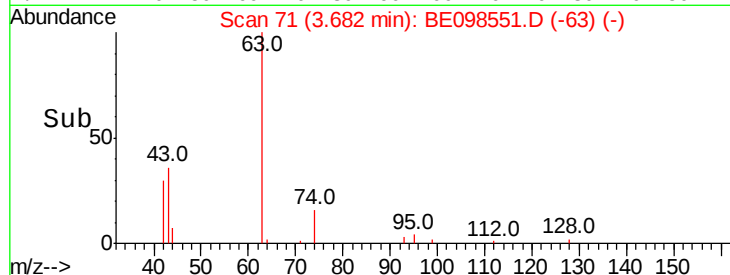
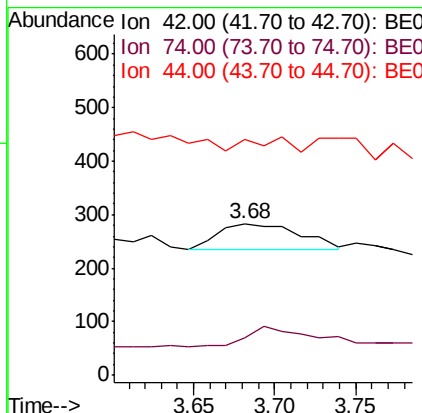
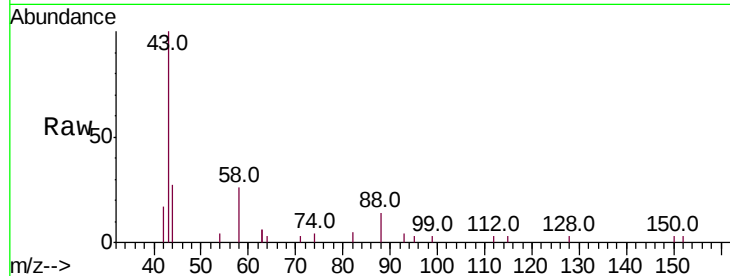
n-Nitrosodimethylamine
Concen: 0.200 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Instrument :
BNA_E
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
42	100		
74	55.0	0.0	0.0#
44	0.0	0.0	0.0

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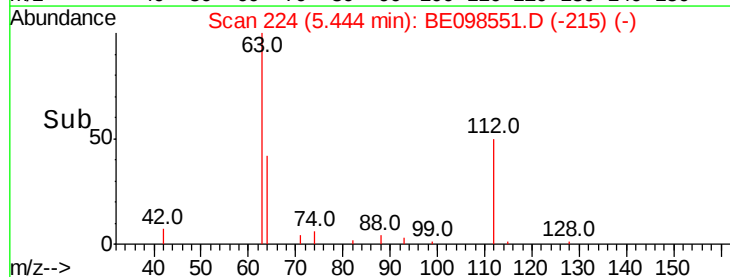
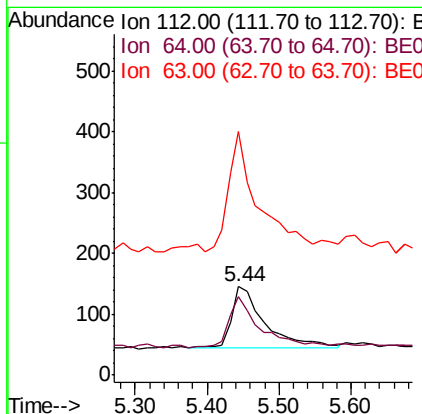
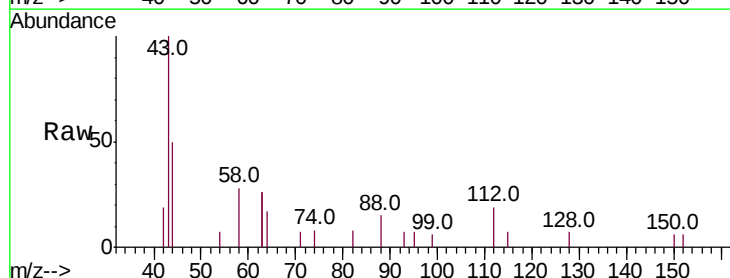
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#4

2-Fluorophenol
Concen: 0.251 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.9	59.8	89.8
63	181.5	133.7	200.5





#5

Phenol-d6

Concen: 0.183 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

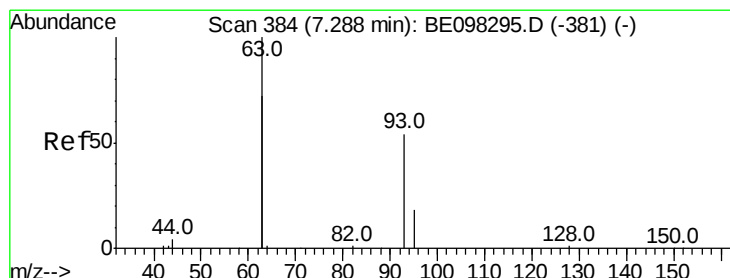
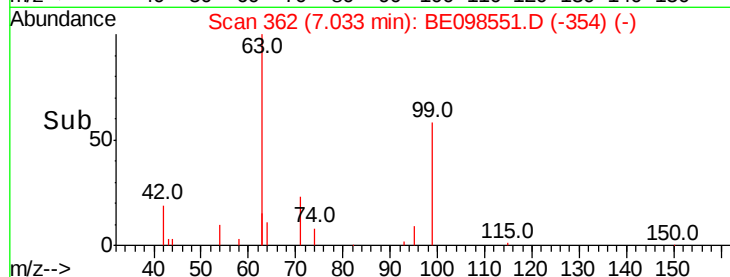
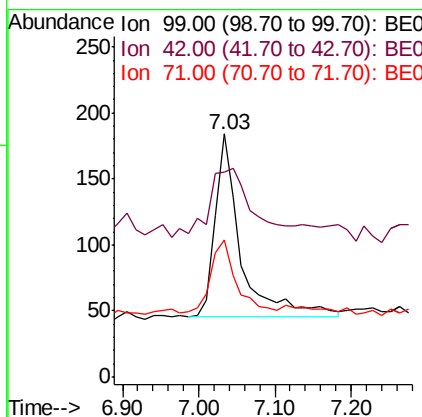
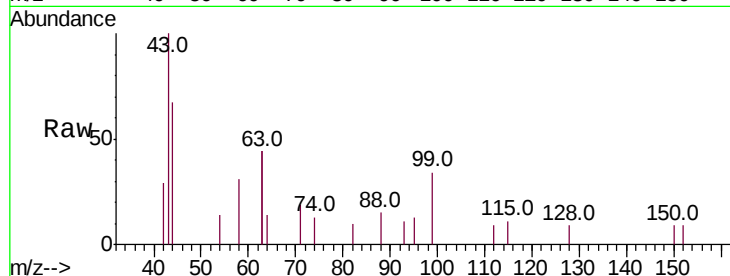
ClientSampleId :

PR-MW-04_121218MS

Tot Ion:	99	Resp:	330
Ion	Ratio	Lower	Upper
99	100		
42	60.9	26.3	39.5#
71	40.6	33.6	50.4

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#6

bis(2-Chloroethyl)ether

Concen: 0.358 ng

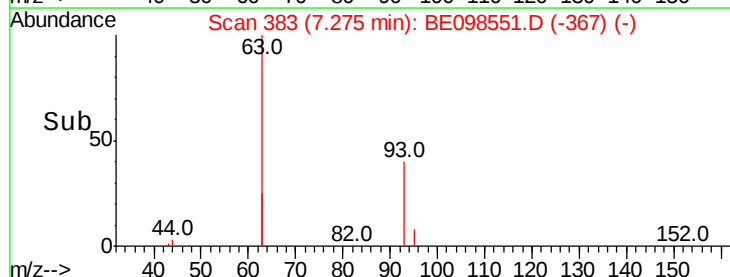
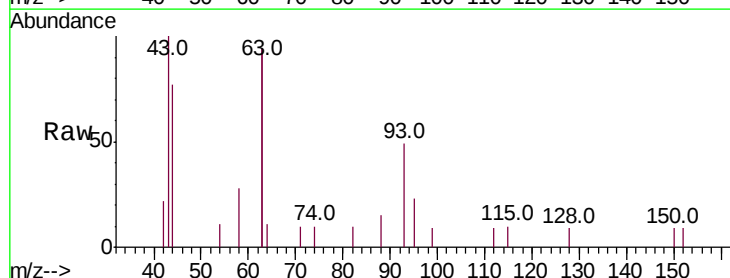
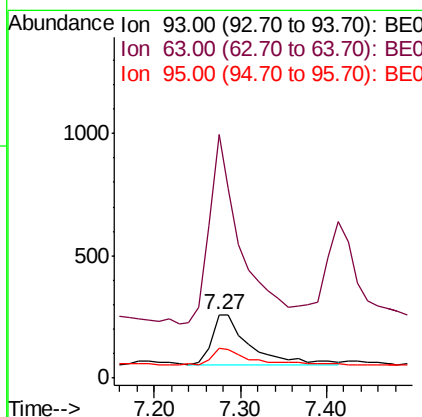
RT: 7.27 min Scan# 383

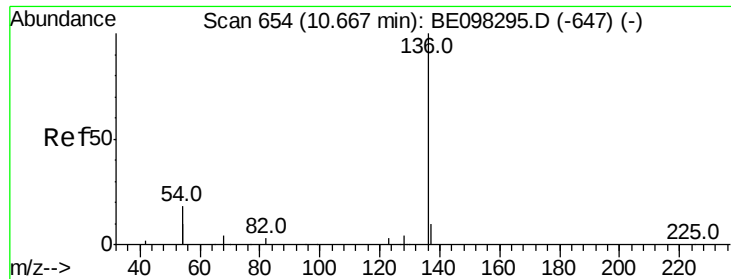
Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Tgt Ion:	93	Resp:	614
Ion	Ratio	Lower	Upper
93	100		
63	323.0	264.4	396.6
95	30.3	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: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

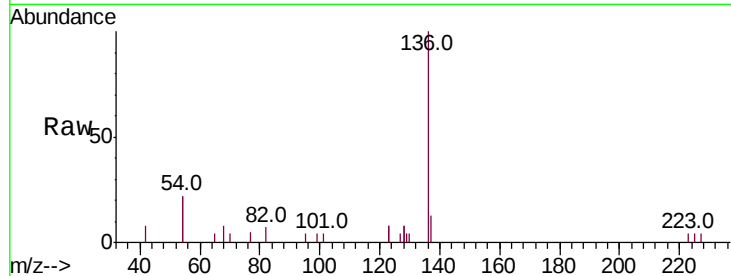
ClientSampleId :

PR-MW-04_121218MS

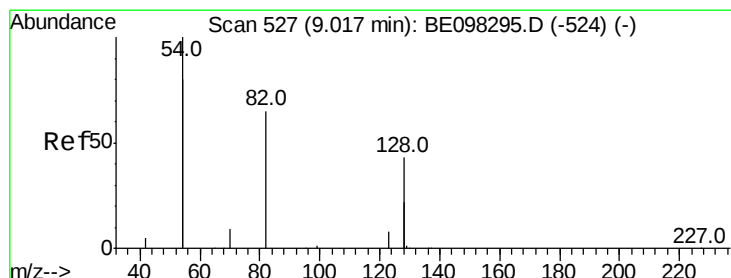
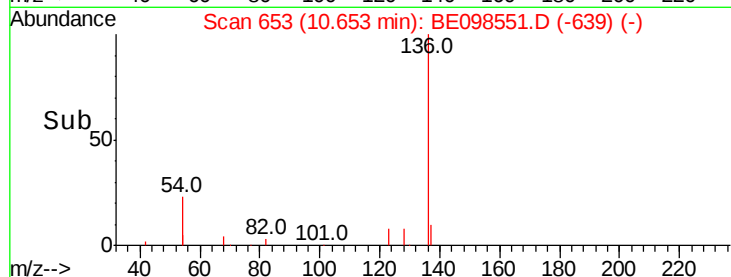
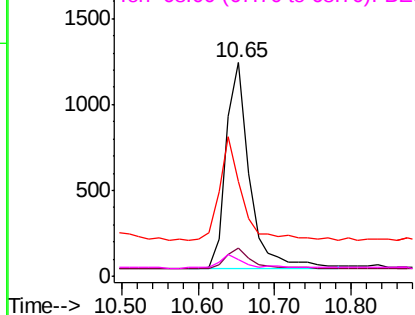
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	13.4	9.2	13.8	
54	44.1	28.4	42.6	
68	7.8	5.4	8.0	

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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: 0.297 ng

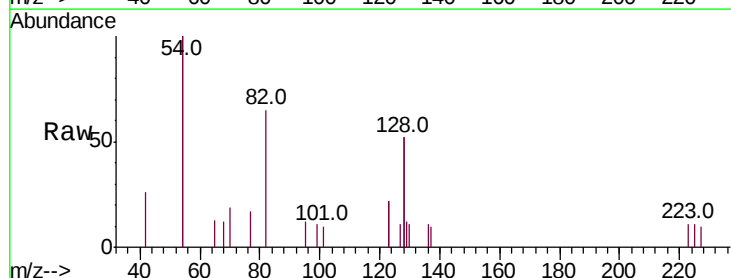
RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

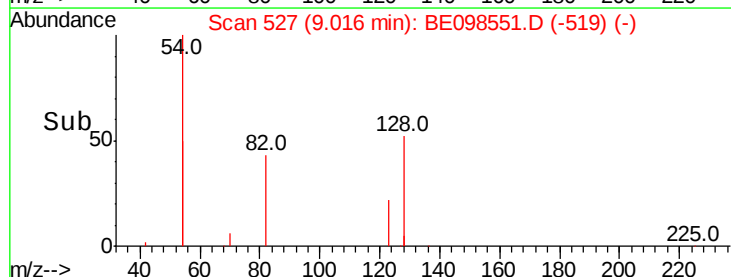
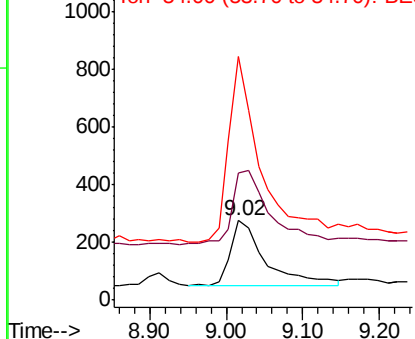
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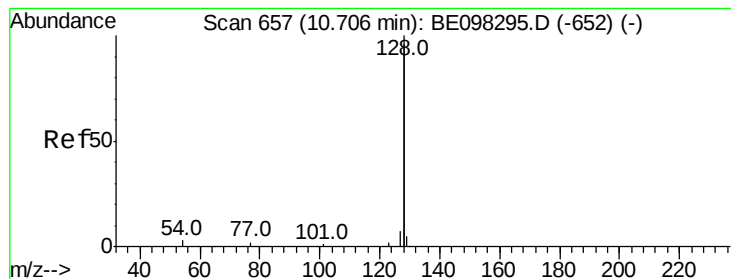
Acq: 21 Dec 2018 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	160.7	102.4	153.6	
54	306.9	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: 0.403 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

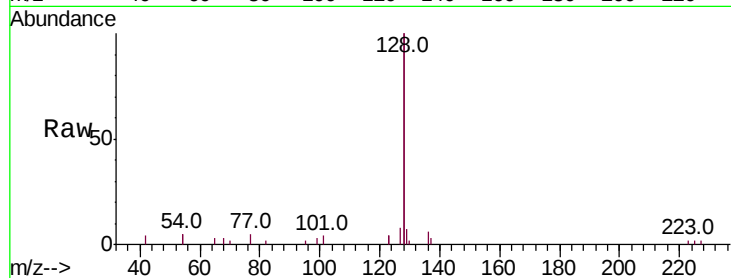
ClientSampleId :

PR-MW-04_121218MS

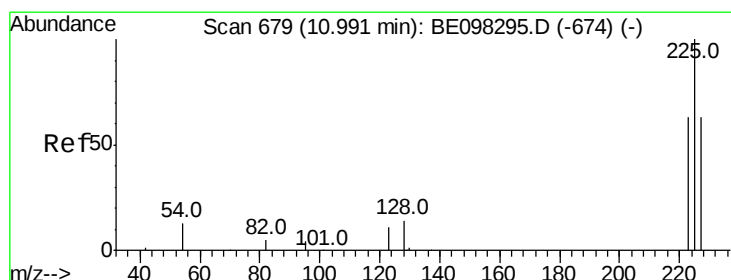
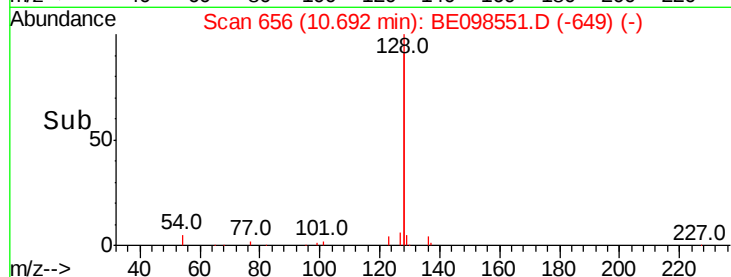
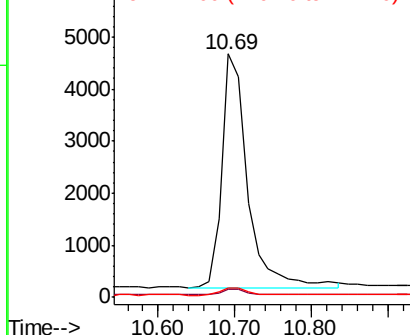
Tot Ion:	128	Resp:	10513
Ion Ratio	Lower	Upper	
128	100		
129	3.4	2.5	3.7
127	4.0	2.7	4.1

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.357 ng

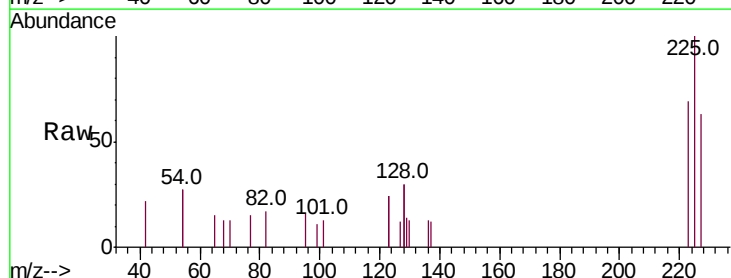
RT: 10.98 min Scan# 678

Delta R.T. -0.01 min

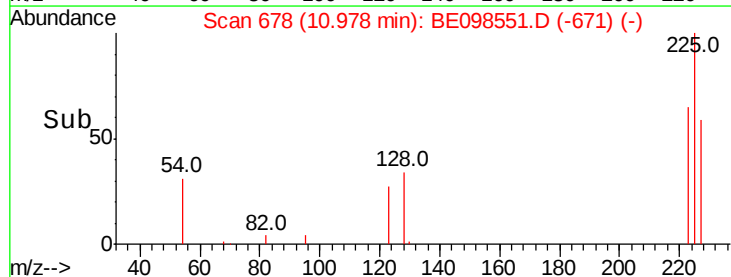
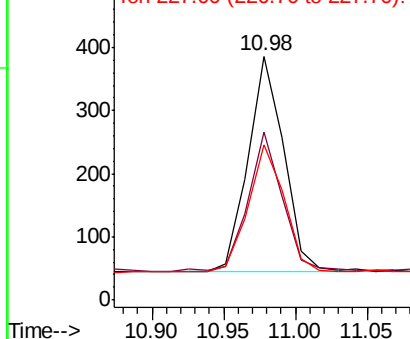
Lab File: BE098551.D

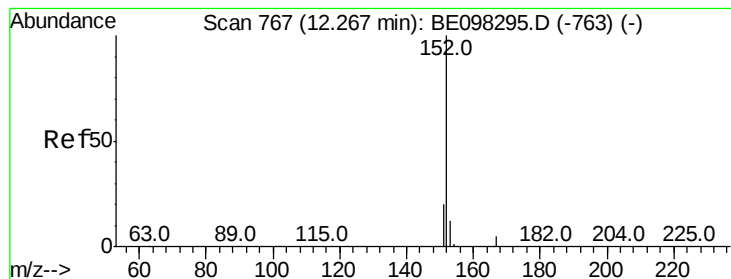
Acq: 21 Dec 2018 12:53

Tgt Ion:	225	Resp:	592
Ion Ratio	Lower	Upper	
225	100		
223	62.0	49.4	74.0
227	59.0	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





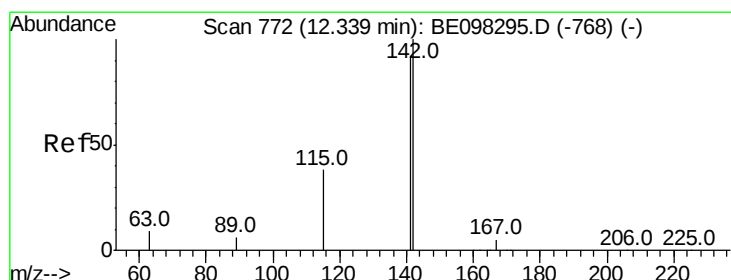
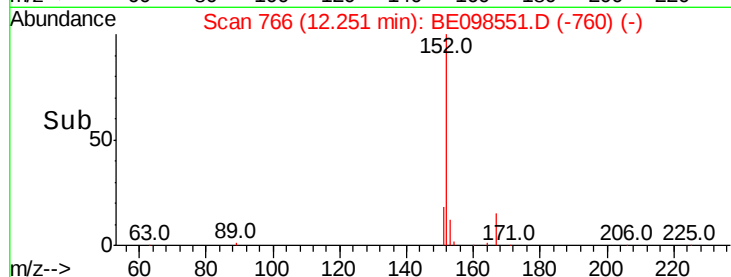
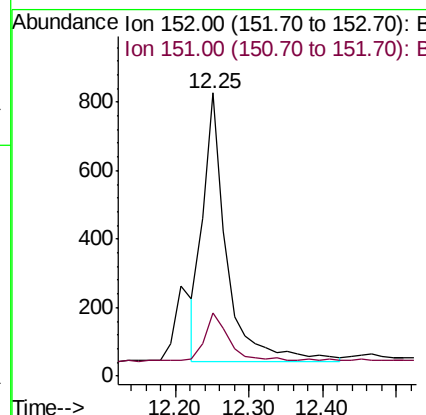
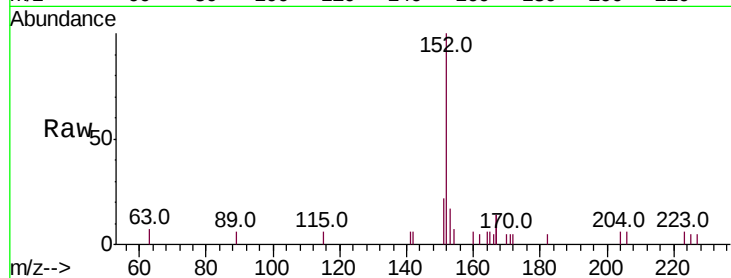
#11
 2-Methylnaphthalene-d10
 Concen: 0.415 ng m
 RT: 12.25 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BE098551.D
 Acq: 21 Dec 2018 12:53

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.3	16.2	24.4

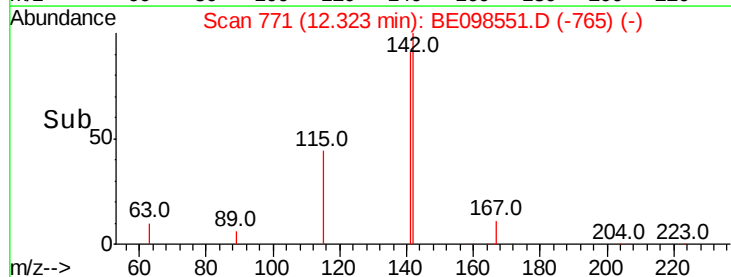
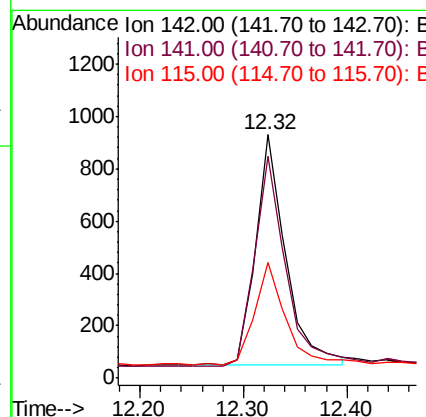
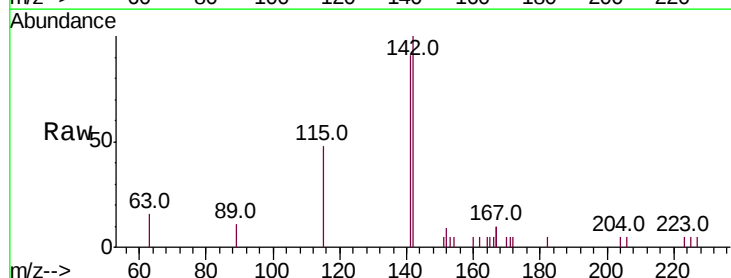
Manual Integrations
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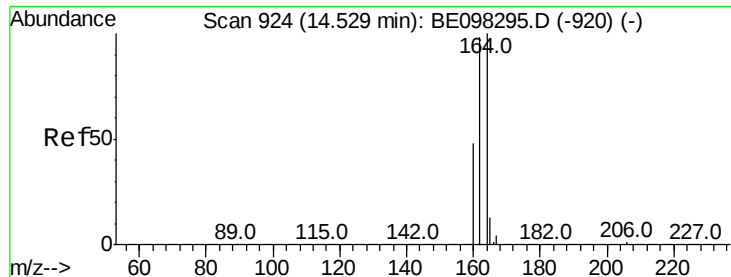
Sohil
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#12
 2-Methylnaphthalene
 Concen: 0.417 ng
 RT: 12.32 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BE098551.D
 Acq: 21 Dec 2018 12:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.0	106.6
115	47.7	32.2	48.2





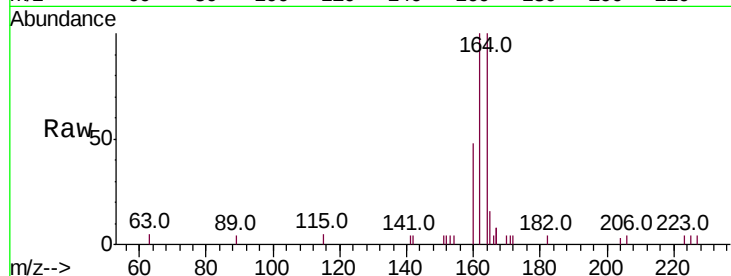
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Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.02 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Instrument :
BNA_E
ClientSampleId :
PR-MW-04_121218MS

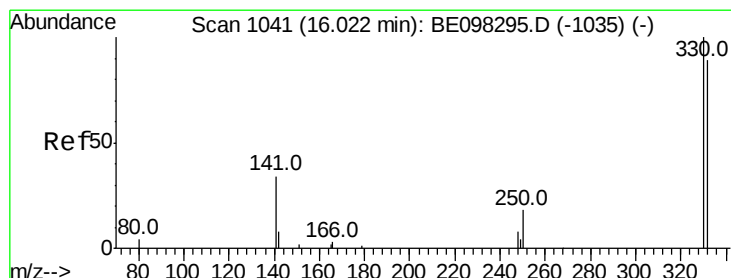
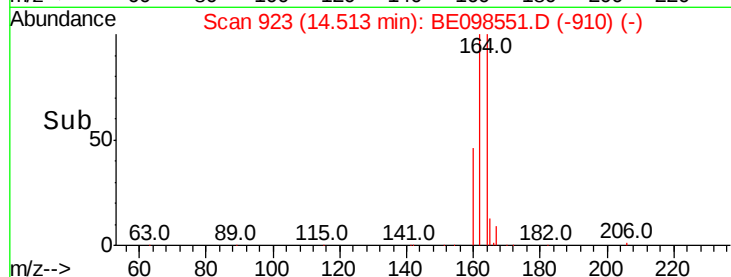
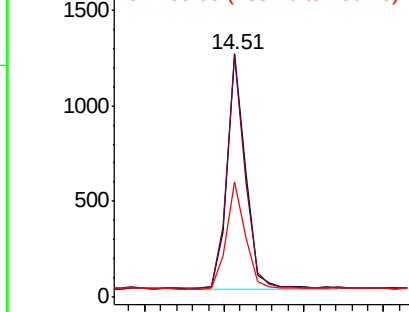
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	77.6	116.4
160	47.6	36.0	54.0

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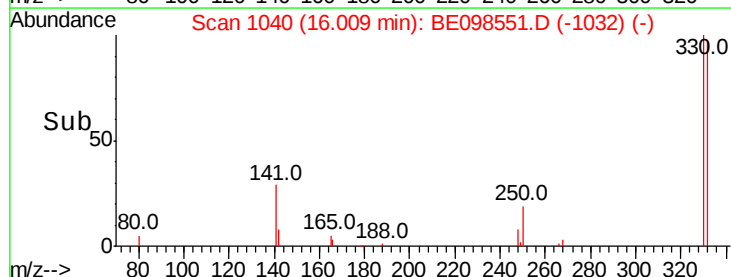
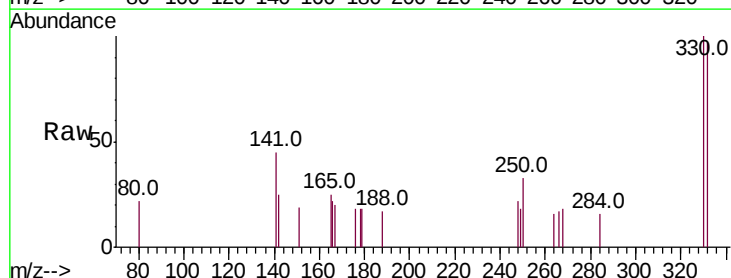
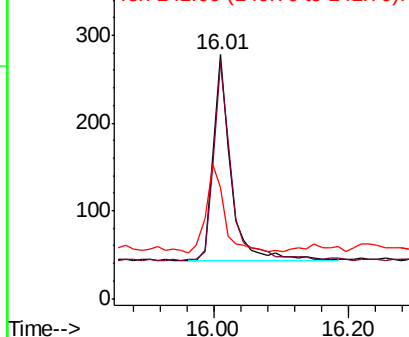
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

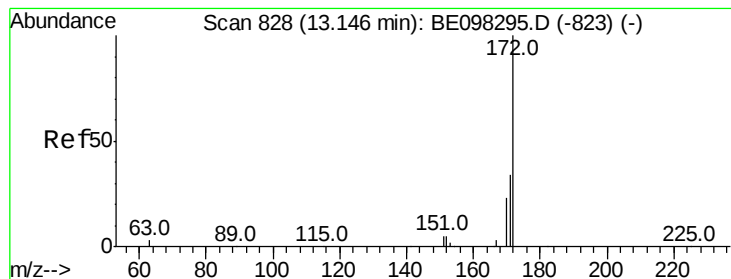


#14
2,4,6-Tribromophenol
Concen: 0.598 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.2	114.4
141	44.3	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





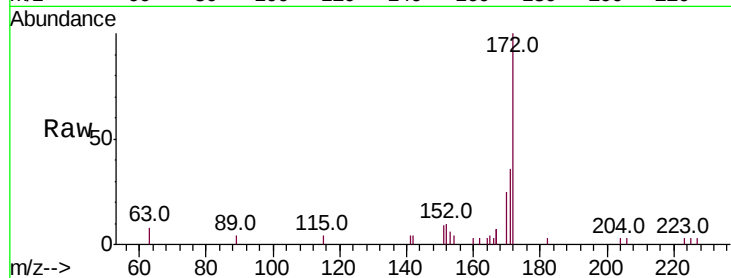
#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.02 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Instrument :
BNA_E
ClientSampleId :
PR-MW-04_121218MS

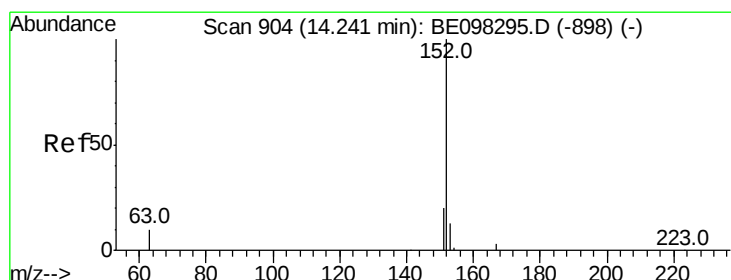
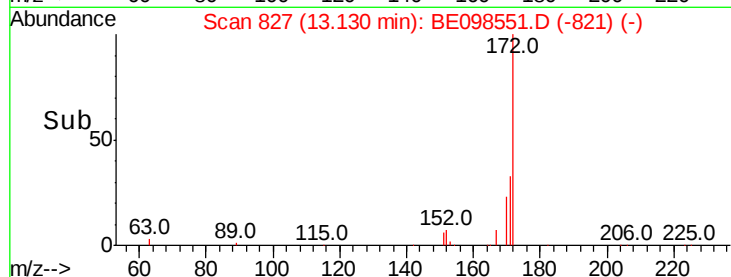
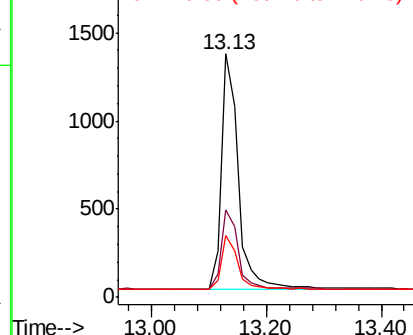
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.5	41.3
170	25.5	19.6	29.4

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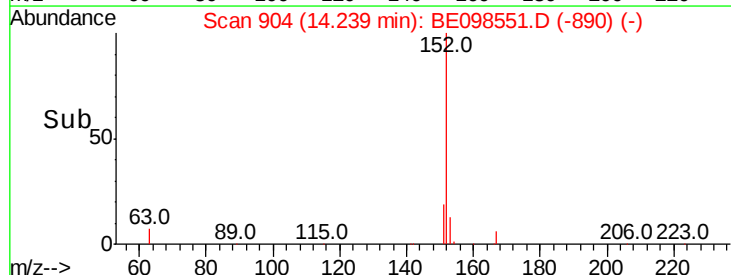
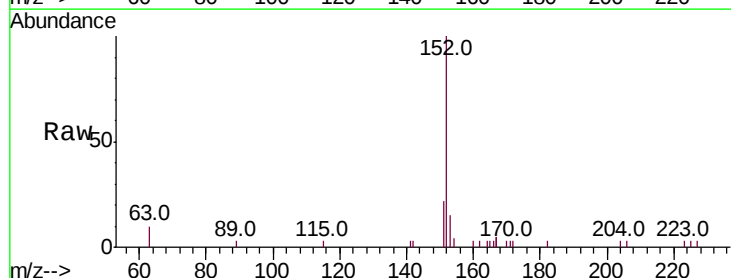
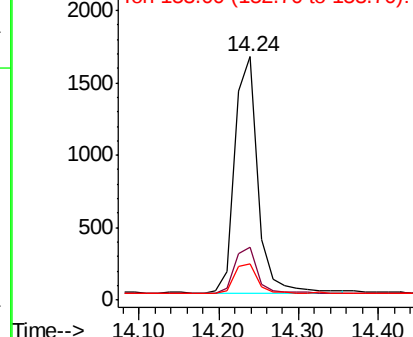
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

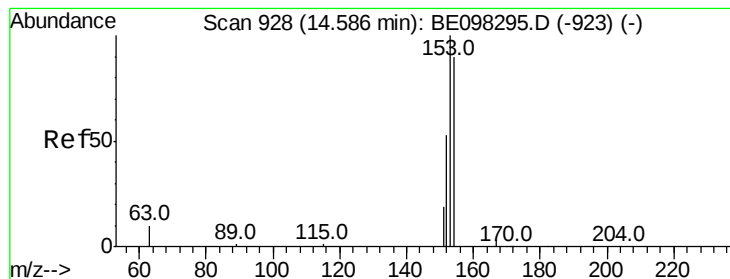


#16
Acenaphthylene
Concen: 0.353 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	12.9	10.6	16.0

Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.379 ng

RT: 14.57 min Scan# 927

Delta R.T. -0.02 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

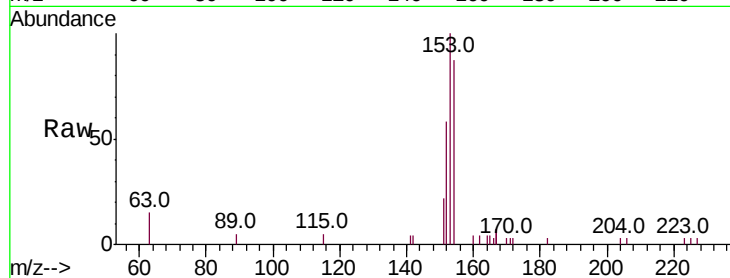
ClientSampleId :

PR-MW-04_121218MS

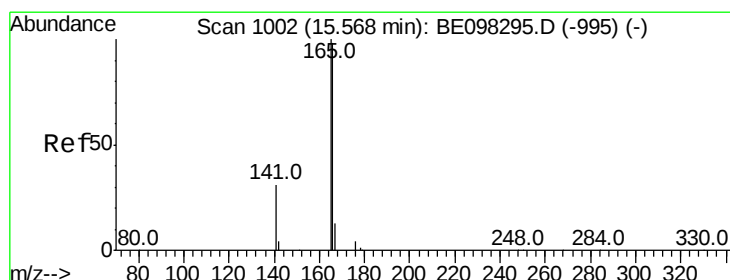
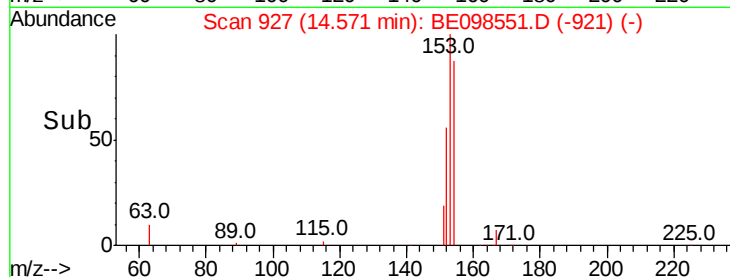
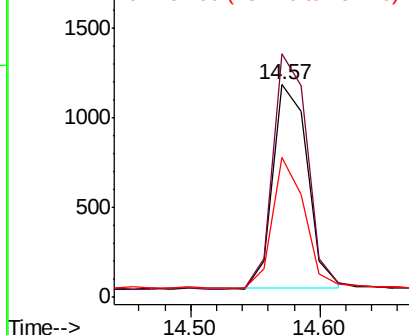
Tot Ion:	154	Resp:	2119
Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.8	137.6
152	58.7	45.5	68.3

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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: 0.436 ng

RT: 15.55 min Scan# 1001

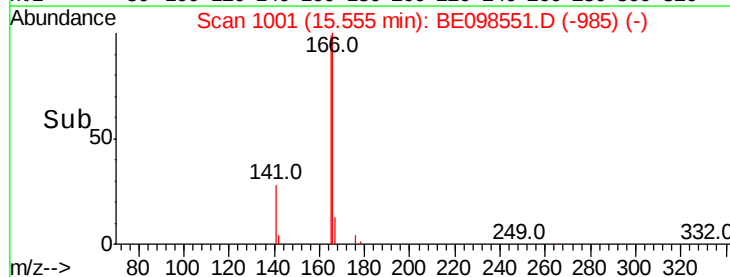
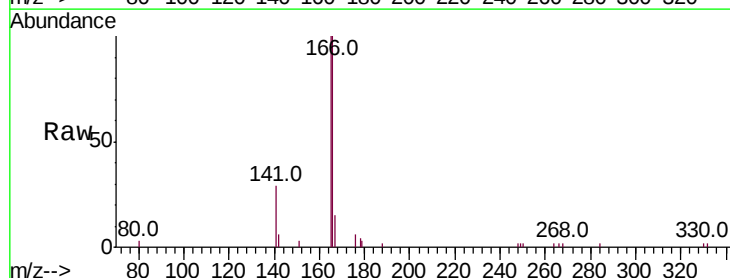
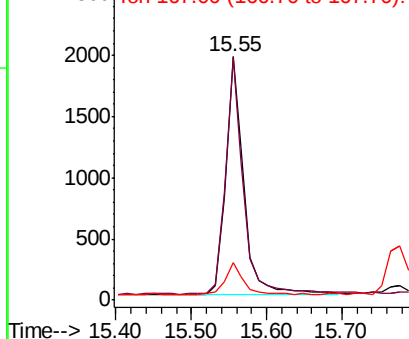
Delta R.T. -0.01 min

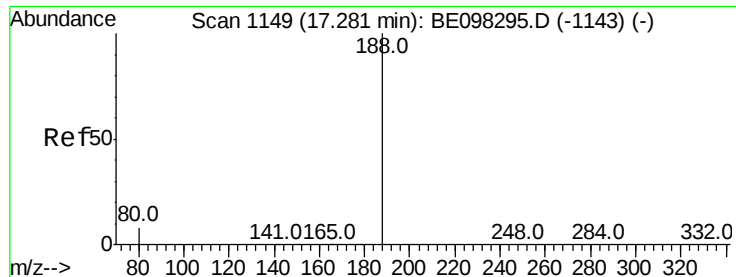
Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Tgt Ion:	166	Resp:	3258
Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.3	118.9
167	14.1	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





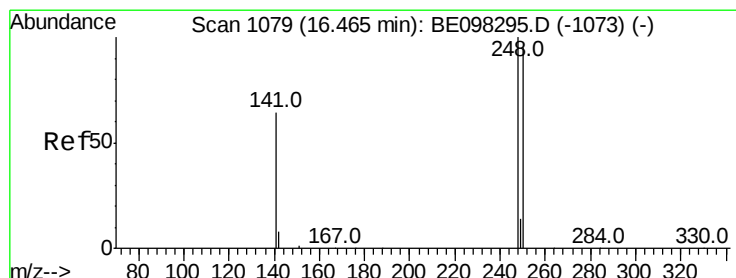
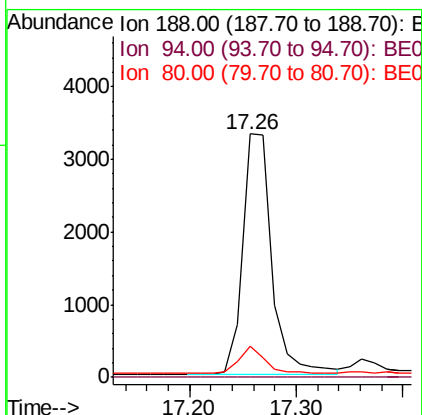
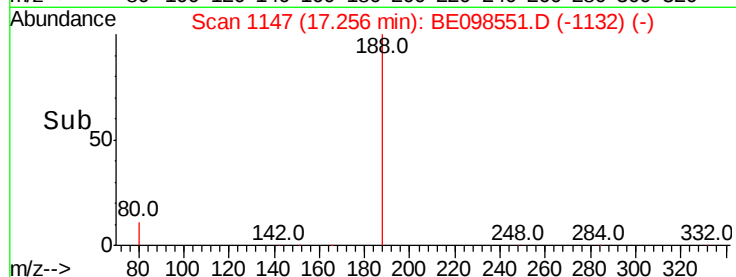
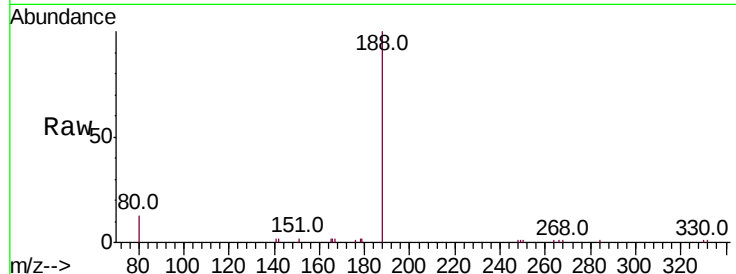
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.26 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Instrument :
BNA_E
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	12.5	7.2	10.8

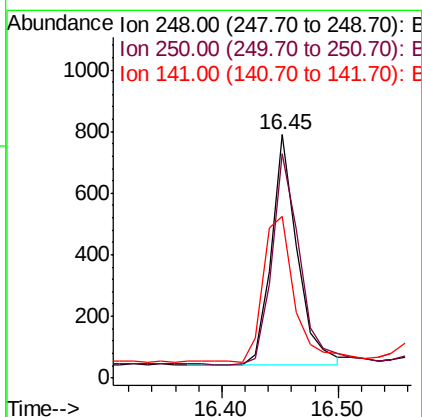
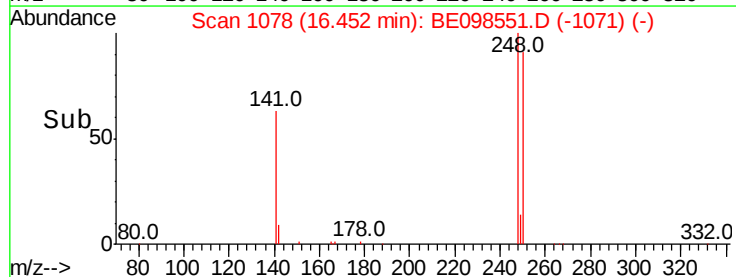
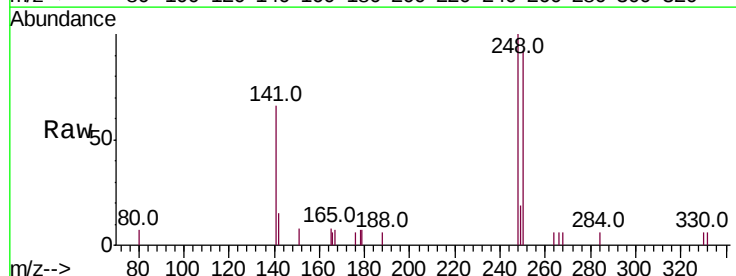
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#20
4-Bromophenyl-phenylether
Concen: 0.344 ng
RT: 16.45 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	92.2	71.0	106.6
141	66.3	62.1	93.1





#21

Hexachlorobenzene

Concen: 0.355 ng

RT: 16.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

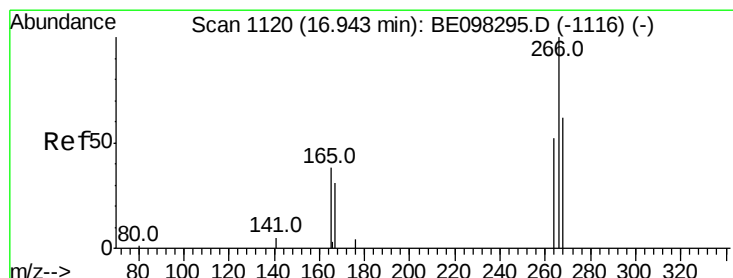
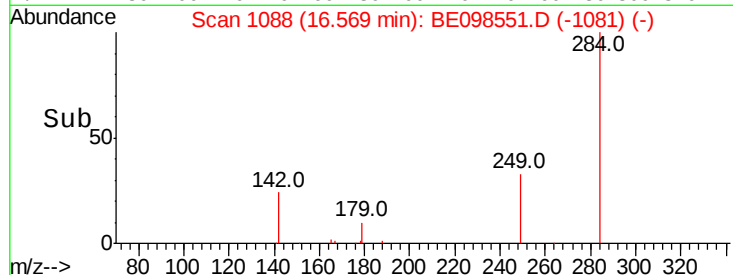
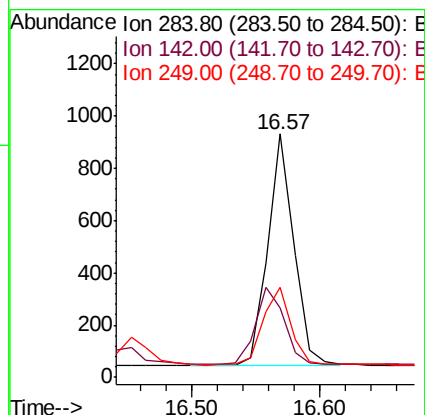
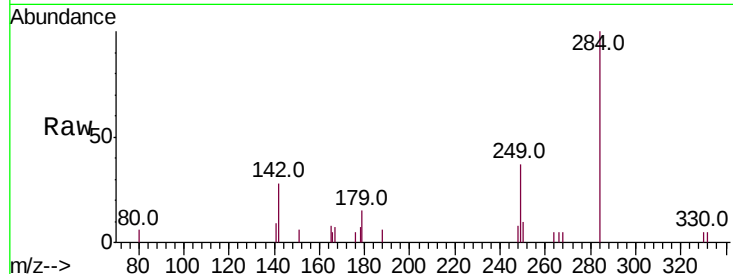
ClientSampleId :

PR-MW-04_121218MS

Tot Ion:	284	Resp:	1276
Ion Ratio	Lower	Upper	
284	100		
142	35.7	26.3	39.5
249	35.4	26.0	39.0

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#22

Pentachlorophenol

Concen: 1.184 ng

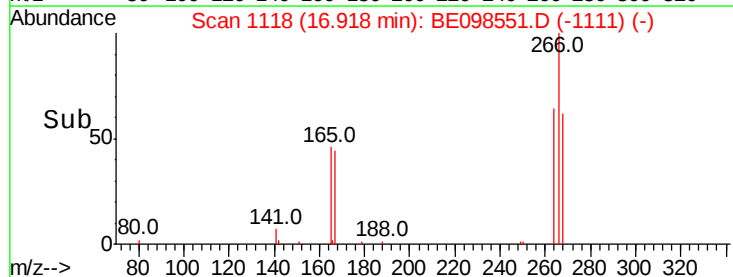
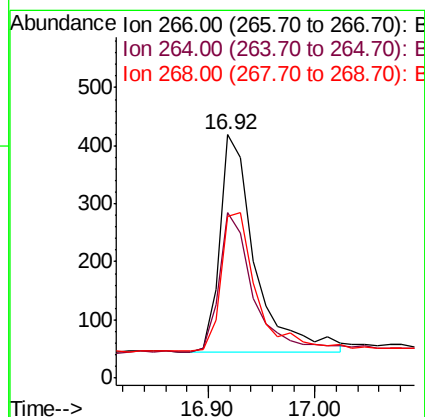
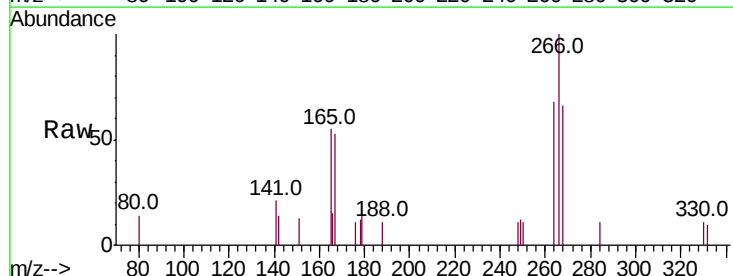
RT: 16.92 min Scan# 1118

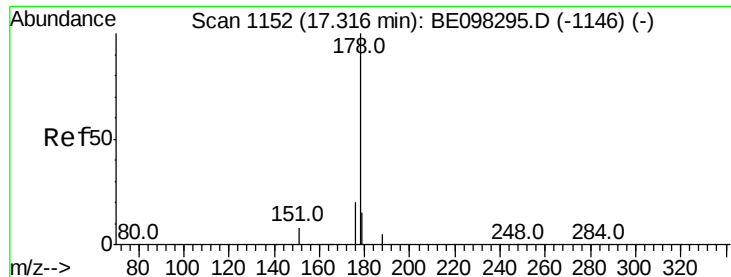
Delta R.T. -0.02 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Tgt Ion:	266	Resp:	863
Ion Ratio	Lower	Upper	
266	100		
264	67.8	59.0	88.4
268	66.3	55.1	82.7





#23

Phenanthrene

Concen: 0.434 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

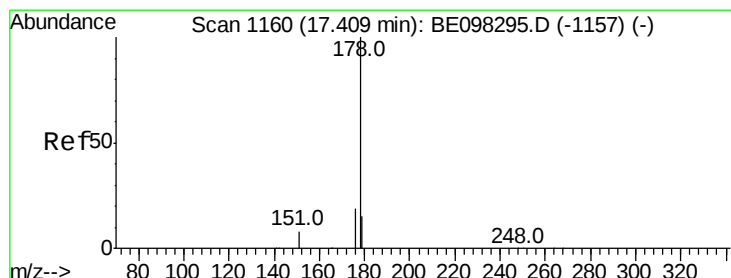
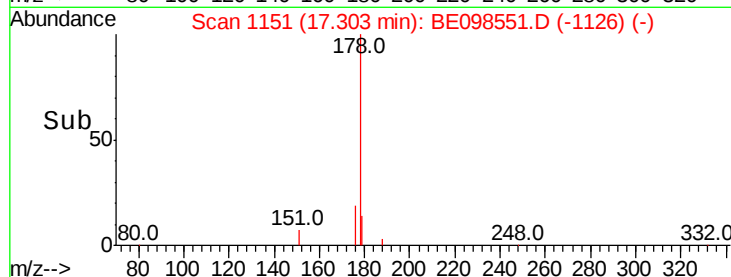
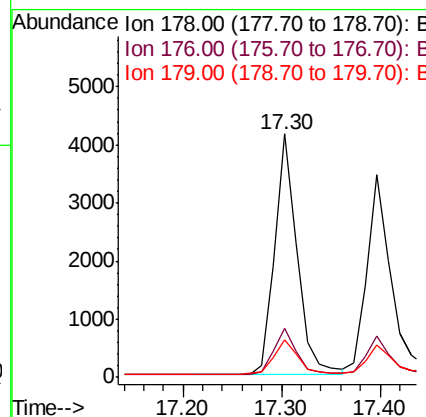
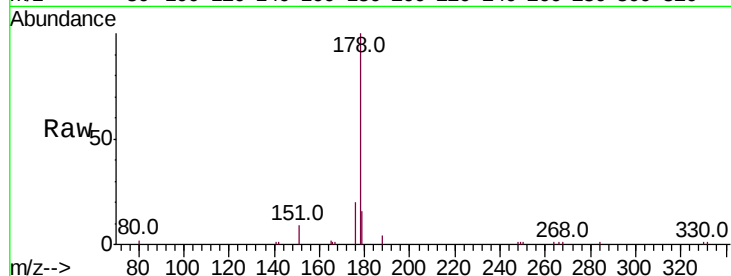
ClientSampleId :

PR-MW-04_121218MS

Tot Ion:	178	Resp:	6546
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.6	12.3	18.5

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#24

Anthracene

Concen: 0.408 ng

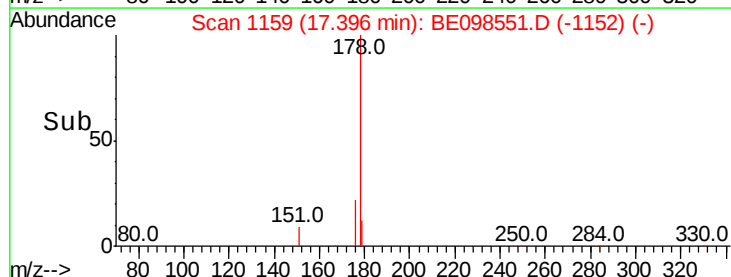
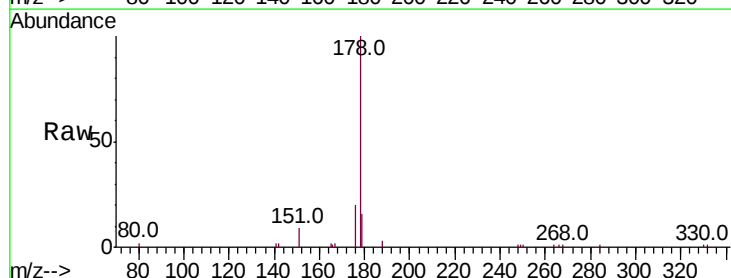
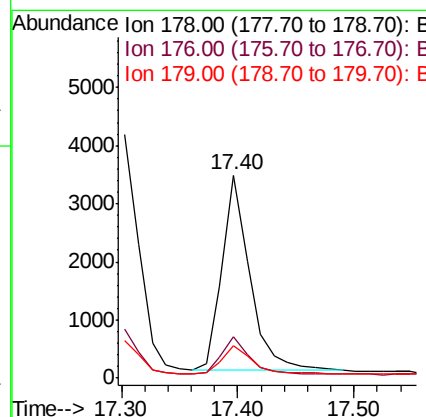
RT: 17.40 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Tgt Ion:	178	Resp:	5496
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.4
179	15.6	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.477 ng

RT: 19.29 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

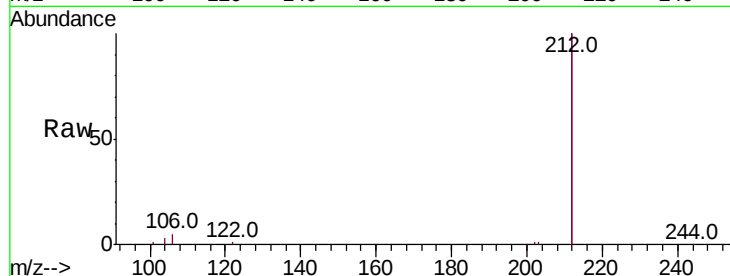
ClientSampleId :

PR-MW-04_121218MS

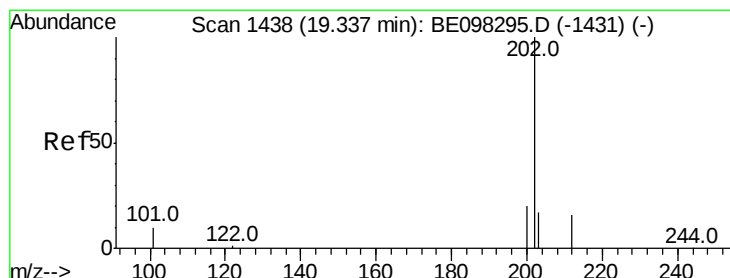
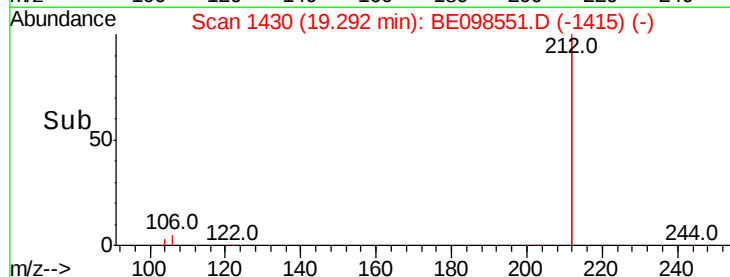
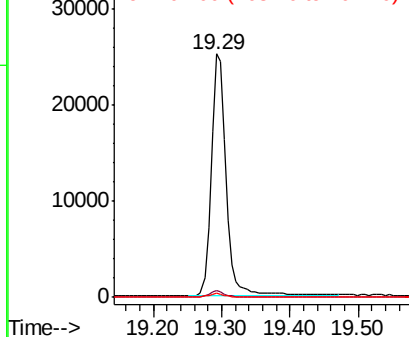
Tot Ion:	212	Resp:	38030
Ion Ratio	Lower	Upper	
212	100		
106	2.3	2.2	3.2
104	1.3	1.3	1.9

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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: 0.519 ng

RT: 19.33 min Scan# 1436

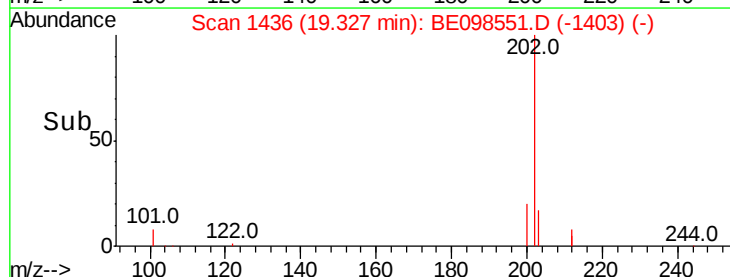
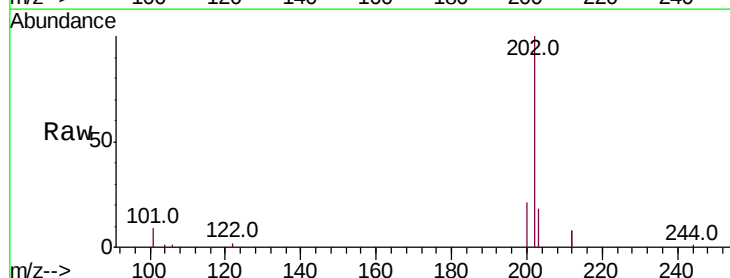
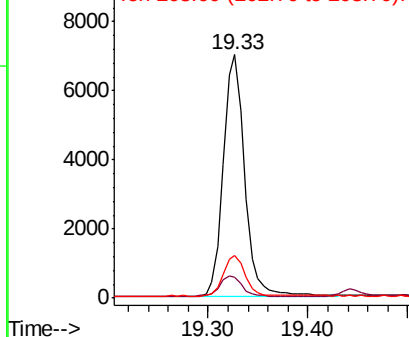
Delta R.T. -0.01 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Tgt Ion:	202	Resp:	10377
Ion Ratio	Lower	Upper	
202	100		
101	9.0	8.0	12.0
203	17.3	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





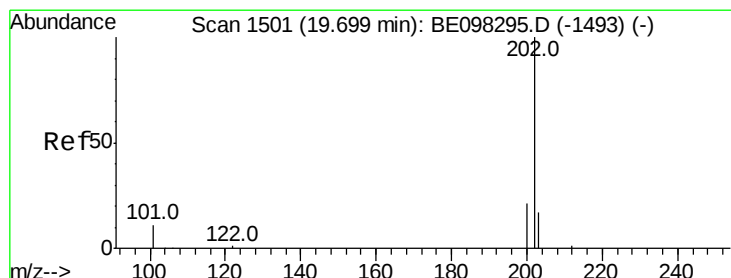
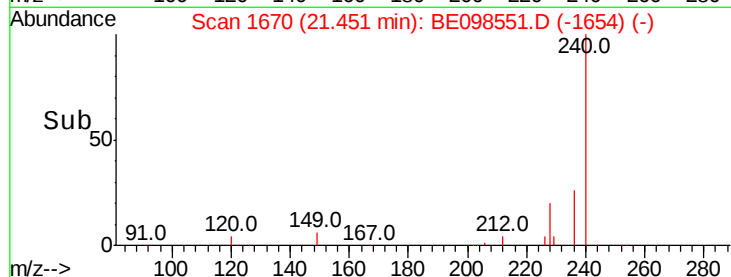
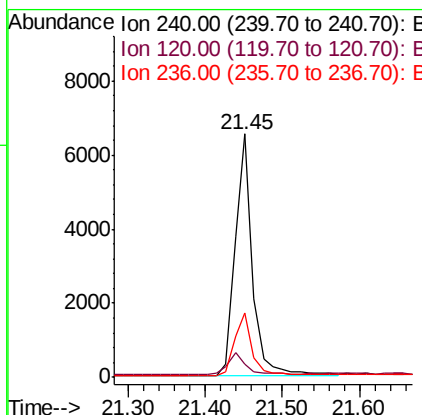
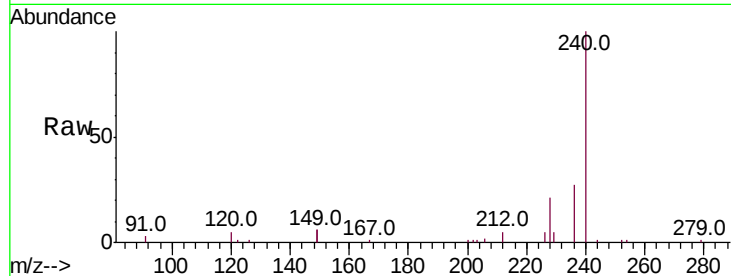
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Instrument :
BNA_E
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	9.5	14.3#
236	26.6	22.7	34.1

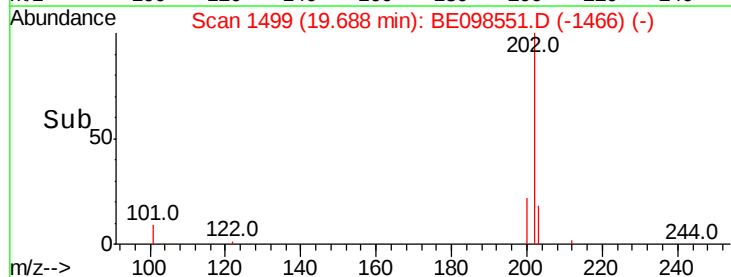
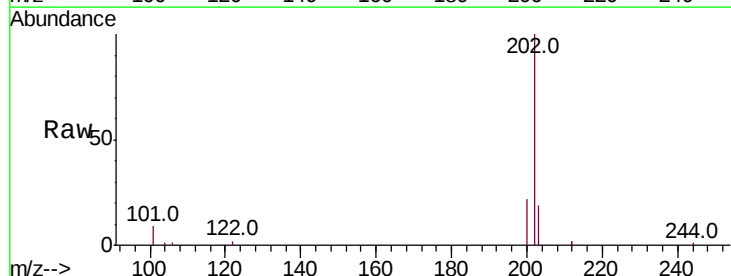
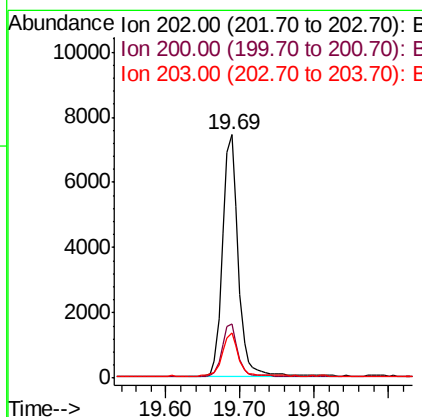
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#28
Pyrene
Concen: 0.344 ng
RT: 19.69 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	18.1	14.1	21.1





#29

Terphenyl-d14

Concen: 0.316 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

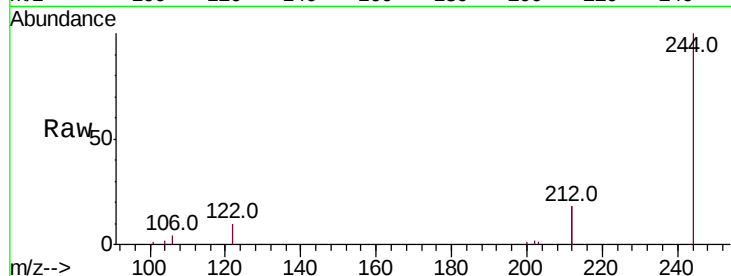
ClientSampleId :

PR-MW-04_121218MS

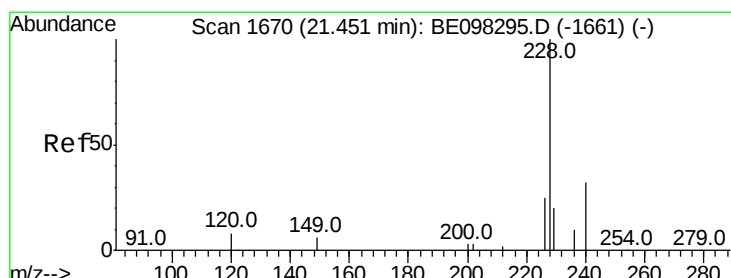
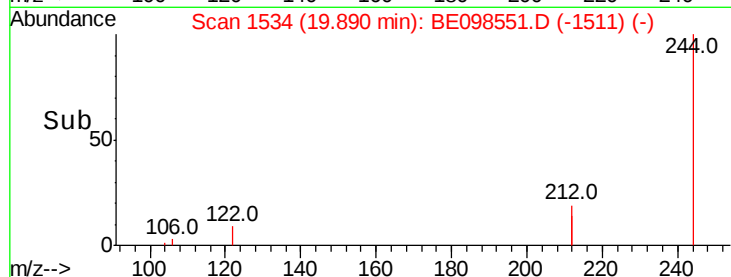
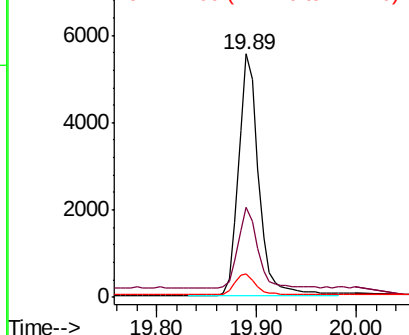
Tot Ion:	244	Resp:	7741
Ion Ratio	Lower	Upper	
244	100		
212	36.8	27.4	41.0
122	9.8	8.3	12.5

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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: 0.416 ng

RT: 21.43 min Scan# 1668

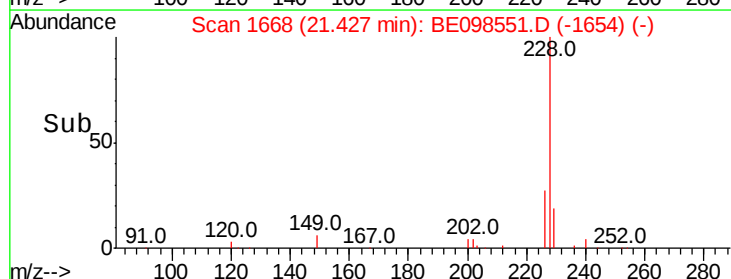
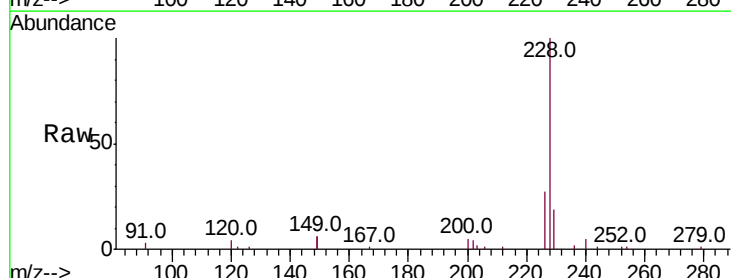
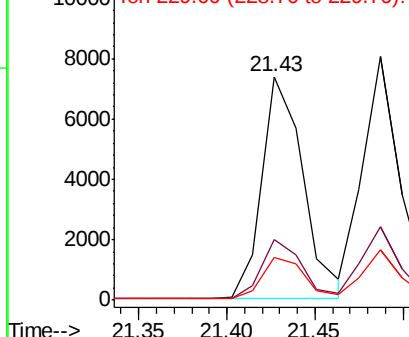
Delta R.T. -0.02 min

Lab File: BE098551.D

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Tgt Ion:	228	Resp:	11925
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.8	32.8
229	19.3	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





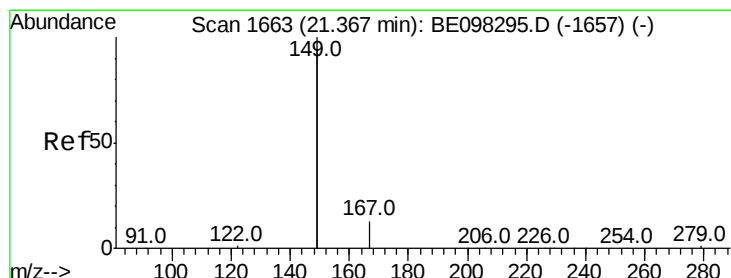
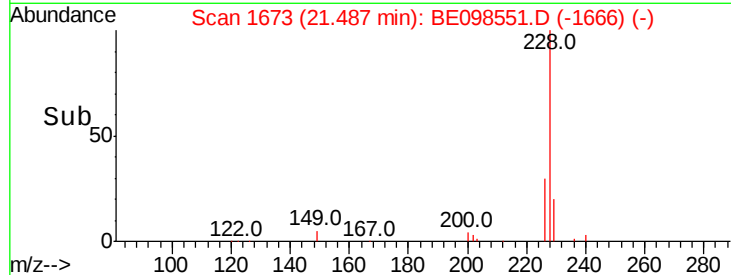
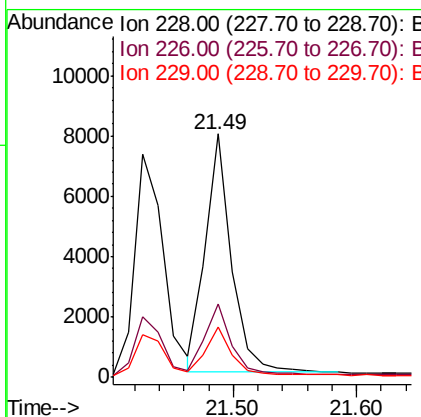
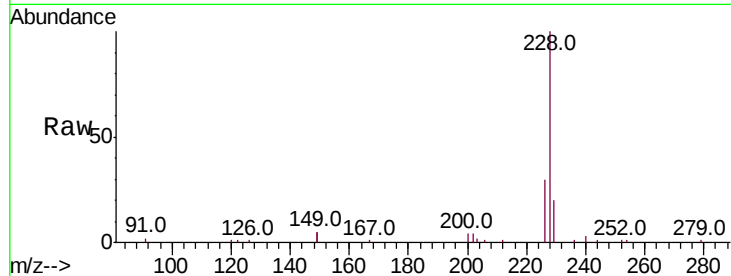
#31
Chrysene
Concen: 0.388 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Instrument :
BNA_E
ClientSampleId :
PR-MW-04_121218MS

Tot Ion:228	Resp:	11640
Ion Ratio	Lower	Upper
228 100		
226 30.2	23.4	35.0
229 20.5	16.2	24.4

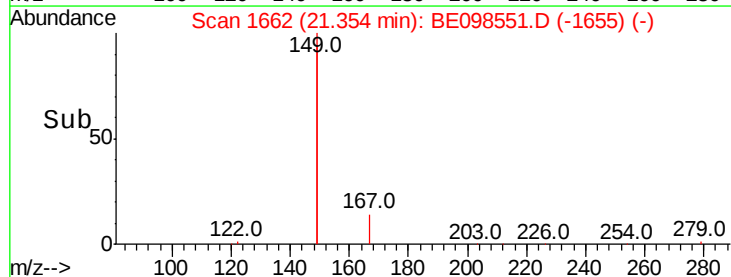
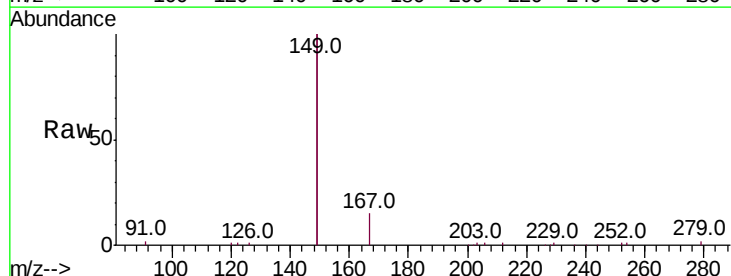
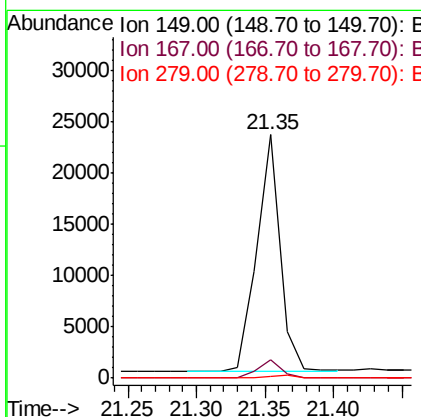
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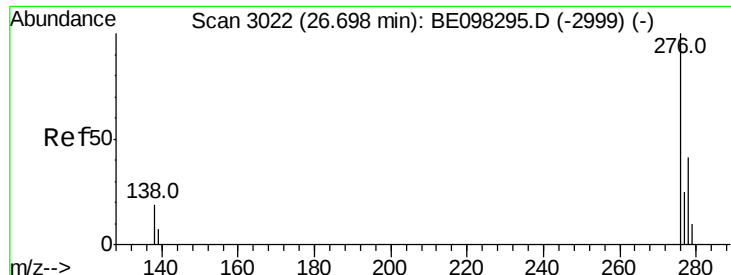
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.469 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Tgt Ion:149	Resp:	27320
Ion Ratio	Lower	Upper
149 100		
167 6.8	5.7	8.5
279 1.1	1.0	1.4





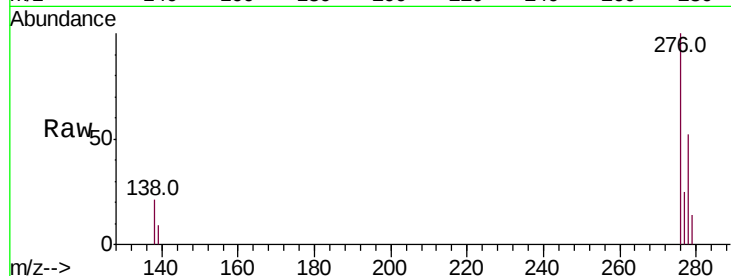
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.299 ng
 RT: 26.67 min Scan# 3013
 Delta R.T. -0.03 min
 Lab File: BE098551.D
 Acq: 21 Dec 2018 12:53

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.3	24.5
277	24.0	20.2	30.4

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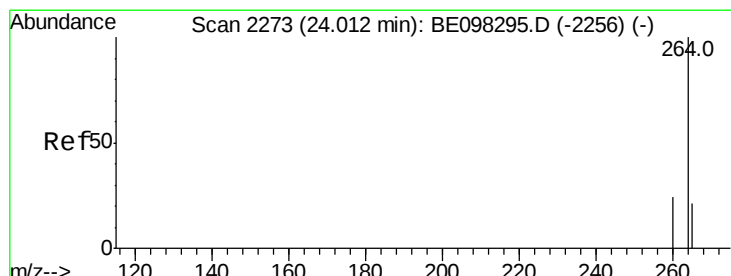
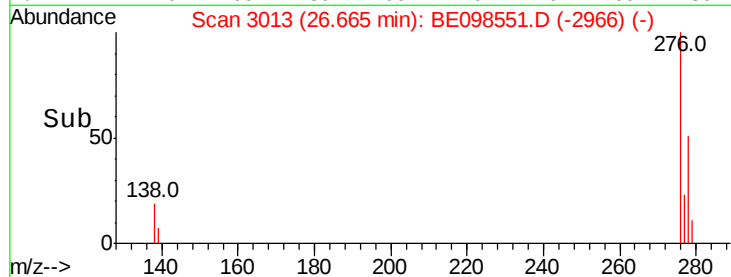
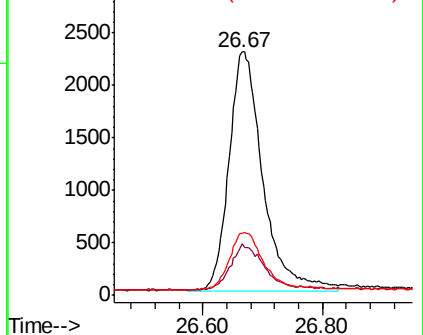


Abundance

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. -0.03 min
 Lab File: BE098551.D
 Acq: 21 Dec 2018 12:53

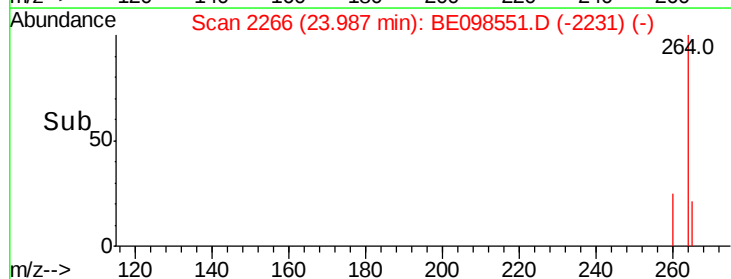
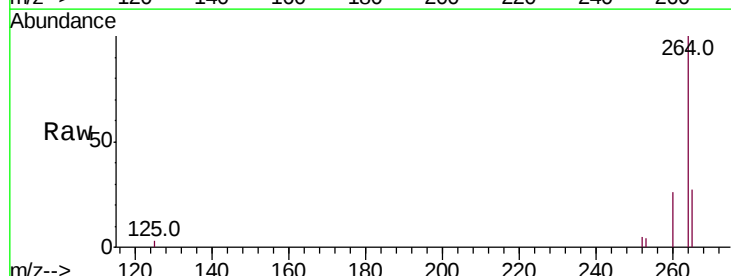
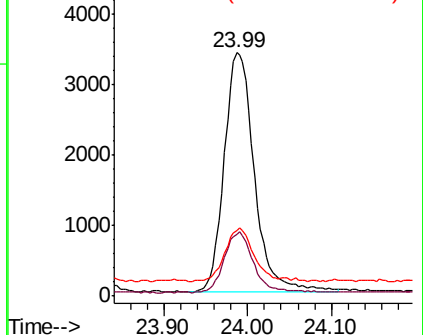
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.2
265	26.9	25.2	37.8

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





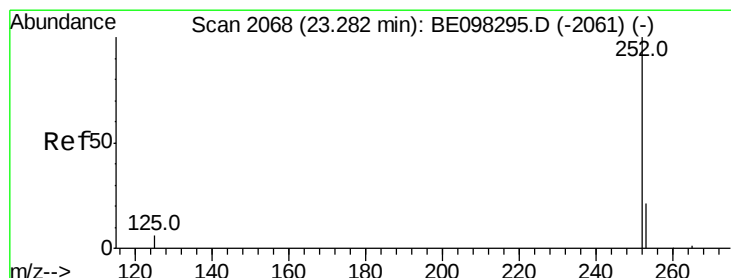
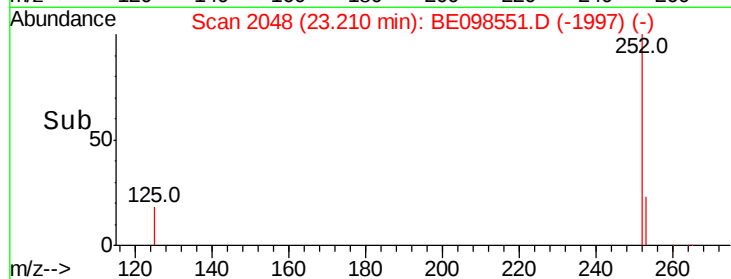
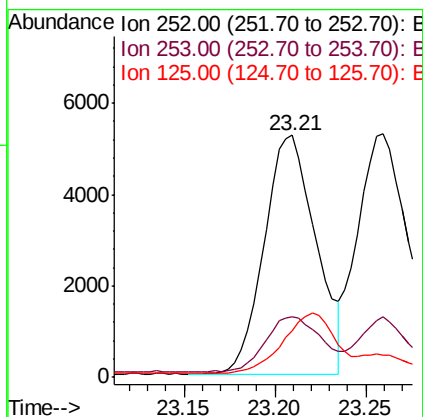
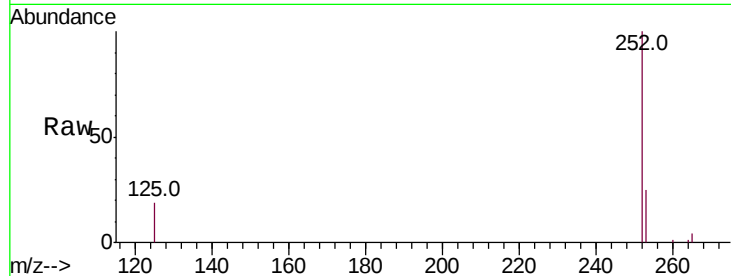
#35
Benzo(b)fluoranthene
Concen: 0.444 ng
RT: 23.21 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Instrument :
BNA_E
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.0	30.0
125	19.3	9.6	14.4

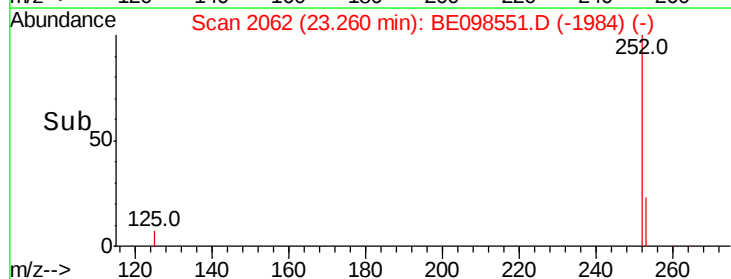
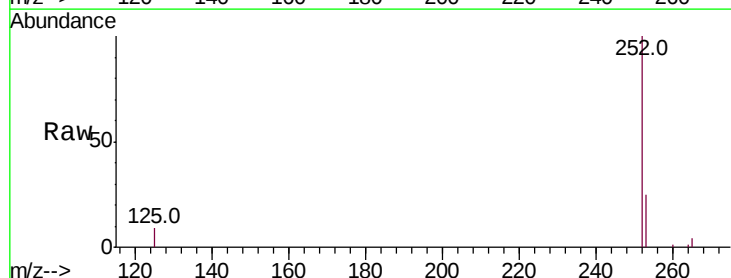
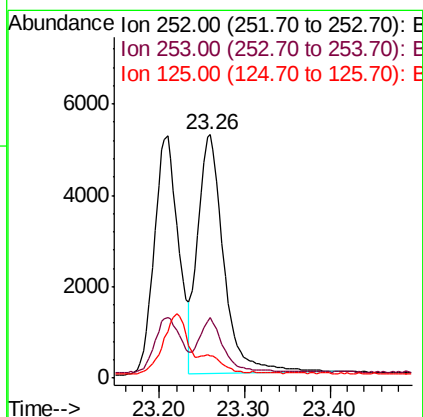
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#36
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 23.26 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BE098551.D
Acq: 21 Dec 2018 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.0	28.6
125	9.2	9.1	13.7





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.88 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

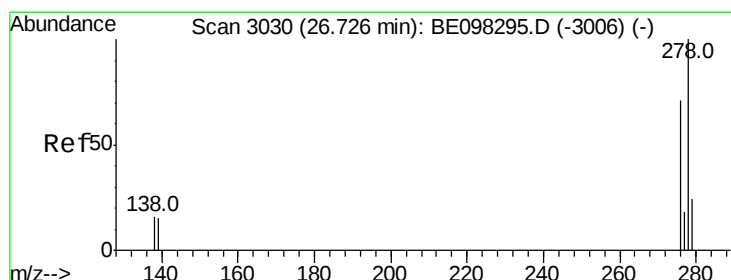
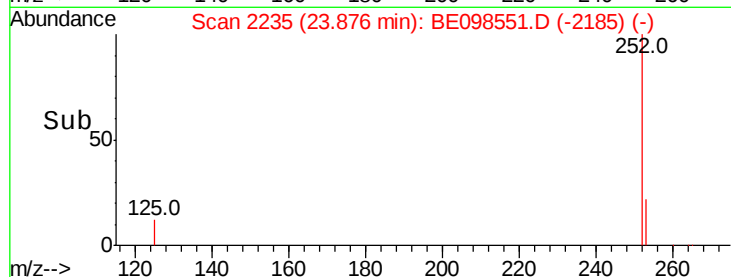
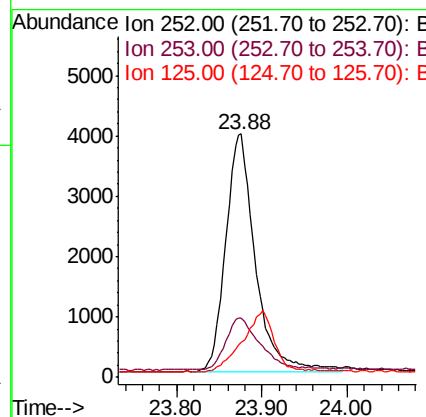
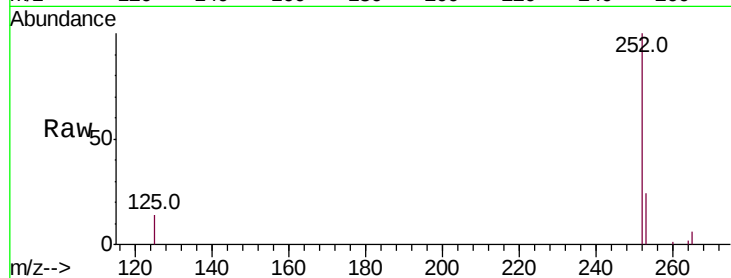
ClientSampleId :

PR-MW-04_121218MS

Tot Ion:	252	Resp:	9556
Ion Ratio	Lower	Upper	
252	100		
253	24.4	20.6	30.8
125	14.2	10.5	15.7

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#38

Dibenzo(a,h)anthracene

Concen: 0.323 ng

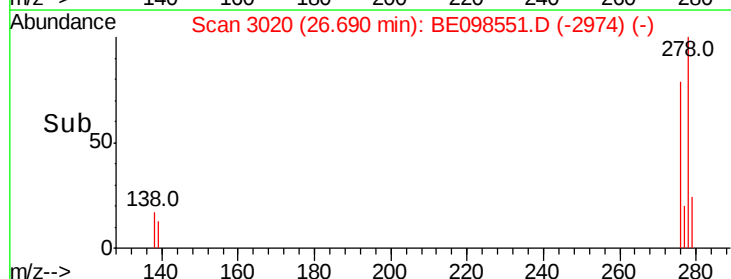
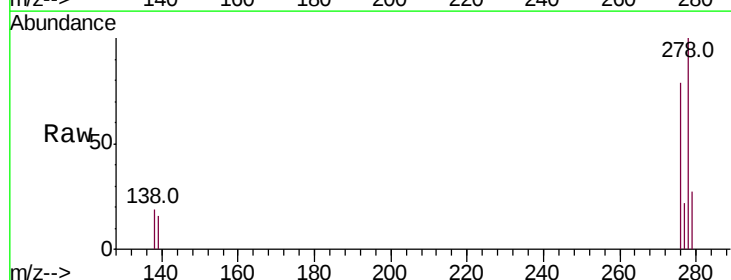
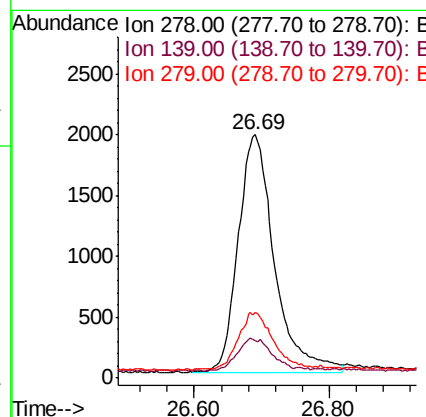
RT: 26.69 min Scan# 3020

Delta R.T. -0.04 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Tgt Ion:	278	Resp:	7304
Ion Ratio	Lower	Upper	
278	100		
139	15.7	14.5	21.7
279	27.1	21.8	32.8





#39

Benzo(a,h,i)perylene

Concen: 0.327 ng

RT: 27.49 min Scan# 3244

Delta R.T. -0.03 min

Lab File: BE098551.D

Acq: 21 Dec 2018 12:53

Instrument :

BNA_E

ClientSampleId :

PR-MW-04_121218MS

Tot Ion:	276	Resp:	7462
Ion Ratio	Lower	Upper	
276	100		
277	24.8	20.8	31.2
138	17.7	15.8	23.6

Manual Integrations
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