

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
 Data File : BE098276.D
 Acq On : 29 Nov 2018 16:27
 Operator : SJ/JU
 Sample : J6047-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EP2-MW-101MS

Manual Integrations
 APPROVED

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 11/30/2018 3:50:25 PM

Quant Time: Nov 29 17:51:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 13:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1450	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5889	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3560	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8267	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9805	0.40	ng	0.00
34) Perylene-d12	24.01	264	9592	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1111	0.29	ng	0.01
5) Phenol-d6	7.05	99	1163	0.21	ng	0.00
8) Nitrobenzene-d5	9.02	82	2588	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4319m	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	810	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	8394	0.57	ng	0.00
25) Fluoranthene-d10	19.31	212	53129	0.48	ng	0.00
29) Terphenyl-d14	19.91	244	11690	0.53	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	606	0.223	ng	# 73
3) n-Nitrosodimethylamine	3.68	42	751	0.270	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	2039	0.406	ng	89
9) Naphthalene	10.70	128	29230	0.494	ng	99
10) Hexachlorobutadiene	10.99	225	1434	0.378	ng	98
12) 2-Methylnaphthalene	12.34	142	5045	0.514	ng	98
16) Acenaphthylene	14.25	152	8212	0.494	ng	98
17) Acenaphthene	14.59	154	4656	0.470	ng	99
18) Fluorene	15.57	166	6594	0.502	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	2256	0.482	ng	95
21) Hexachlorobenzene	16.58	284	2221	0.459	ng	99
22) Pentachlorophenol	16.94	266	1525	0.878	ng	92
23) Phenanthrene	17.31	178	10875	0.530	ng	98
24) Anthracene	17.41	178	10169	0.532	ng	100
26) Fluoranthene	19.34	202	13763	0.491	ng	99
28) Pyrene	19.70	202	14172	0.522	ng	99
30) Benzo(a)anthracene	21.45	228	14896	0.516	ng	98
31) Chrysene	21.50	228	14604	0.498	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	38927	0.563	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	15800	0.533	ng	99
35) Benzo(b)fluoranthene	23.23	252	15006m	0.534	ng	
36) Benzo(k)fluoranthene	23.28	252	15109	0.512	ng	99
37) Benzo(a)pyrene	23.90	252	14347	0.530	ng	98
38) Dibenzo(a,h)anthracene	26.73	278	13194	0.514	ng	98
39) Benzo(g,h,i)perylene	27.53	276	13665	0.531	ng	99

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

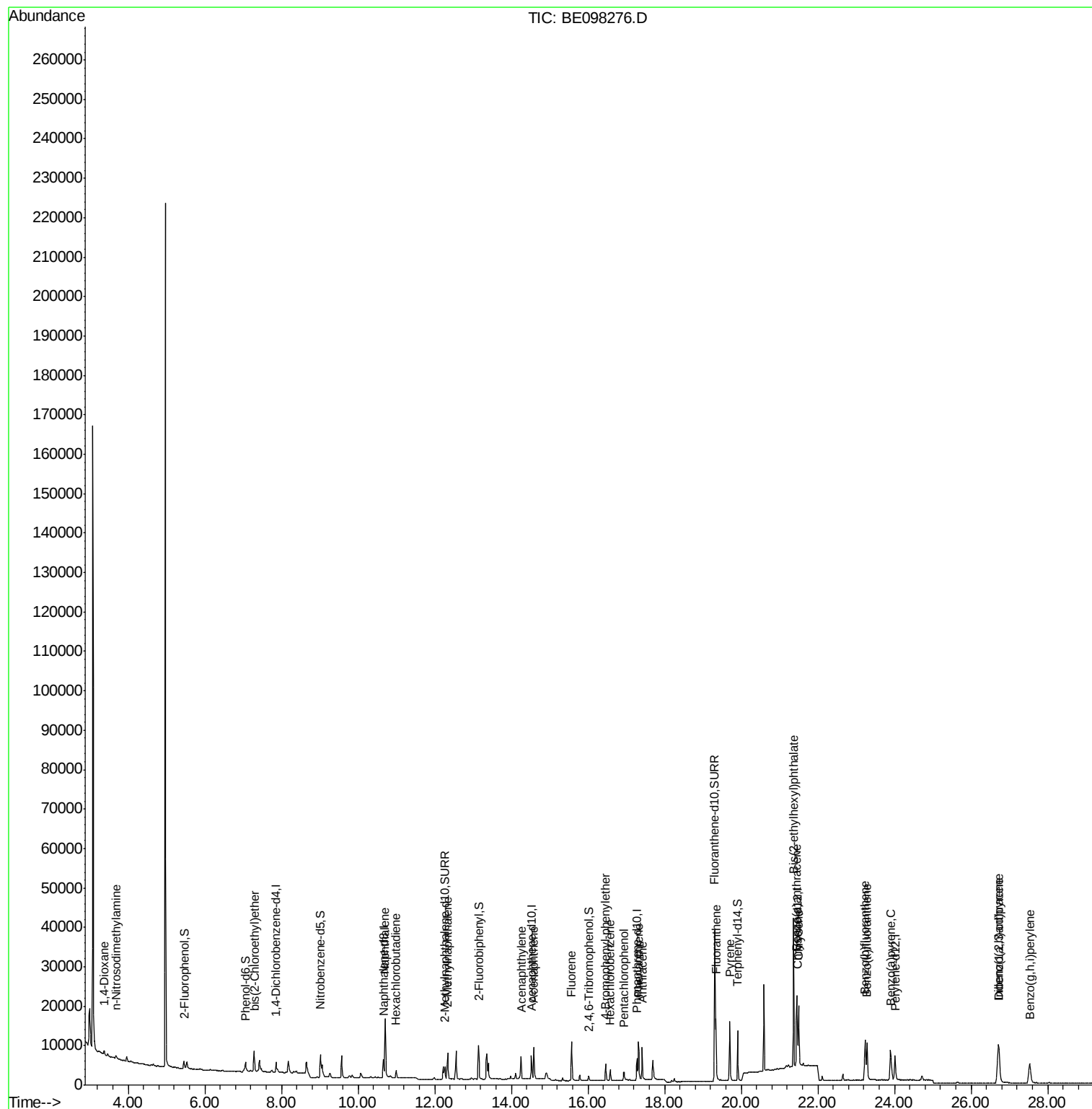
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
Data File : BE098276.D
Acq On : 29 Nov 2018 16:27
Operator : SJ/JU
Sample : J6047-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

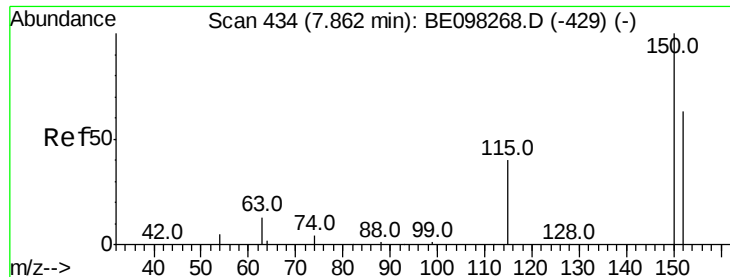
Instrument :
BNA_E
ClientSampleId :
EP2-MW-101MS

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#1

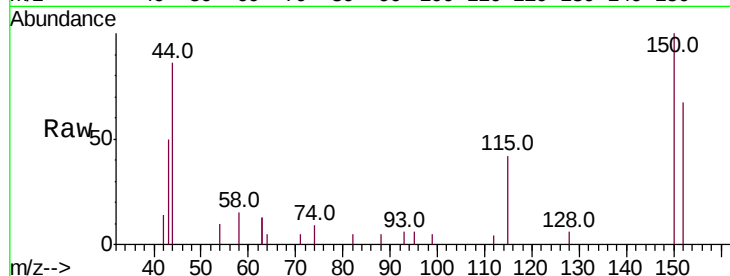
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	124.2	186.4
115	61.6	53.9	80.9

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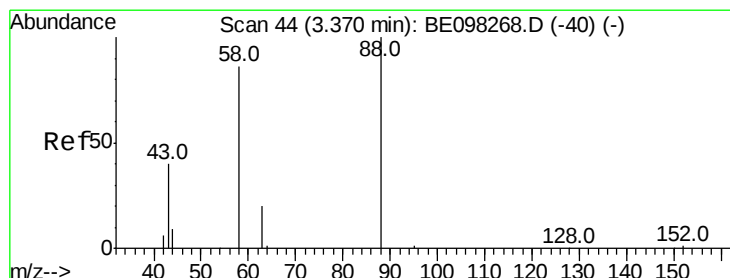
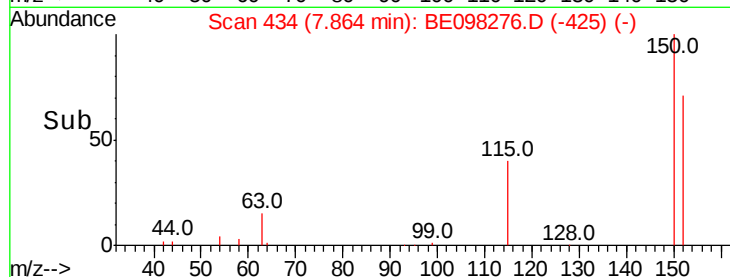
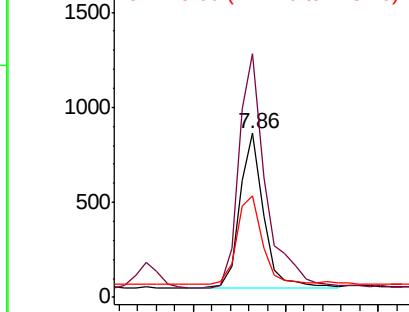


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

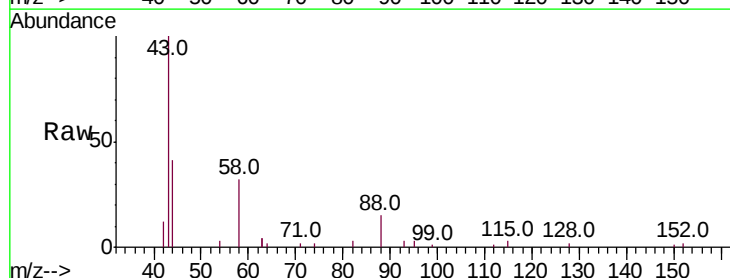
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.223 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.1	75.0	112.6
43	0.0	38.3	57.5#

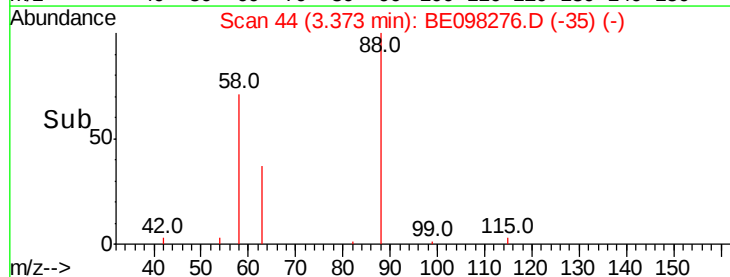
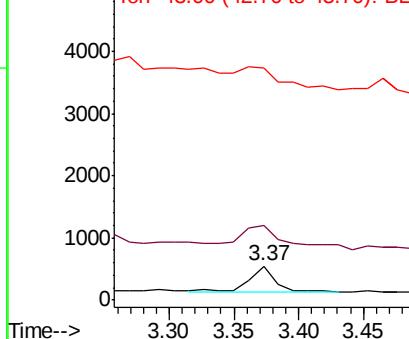


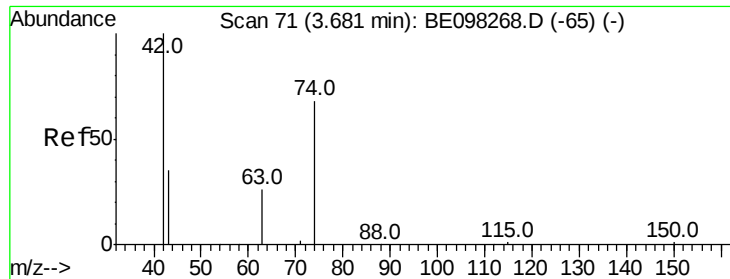
Abundance

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





#3

n-Nitrosodimethylamine

Concen: 0.270 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.00 min

Lab File: BE098276.D

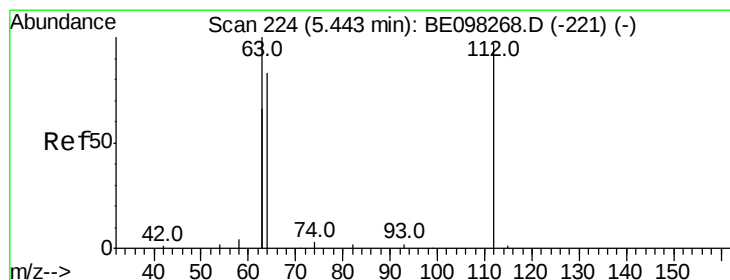
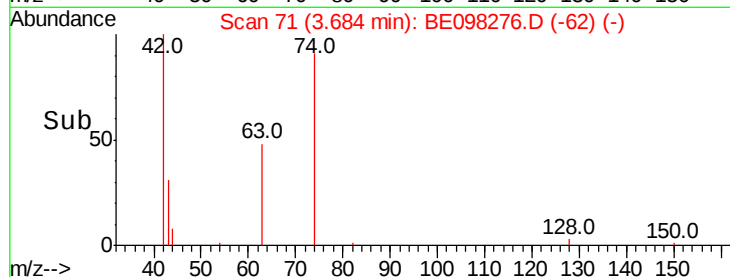
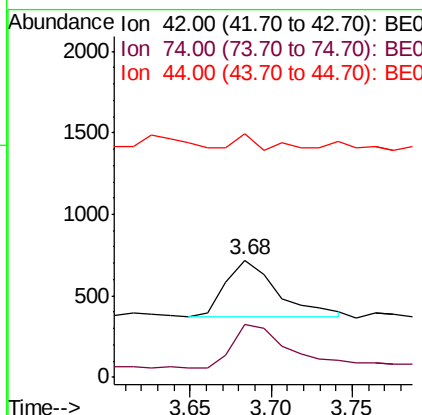
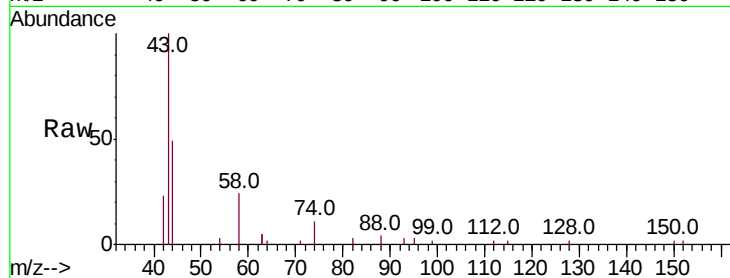
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
42	100		
74	82.8	0.0	0.0#
44	10.1	0.0	0.0#

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#4

2-Fluorophenol

Concen: 0.287 ng

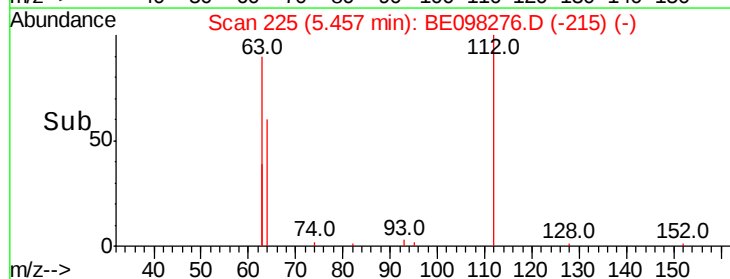
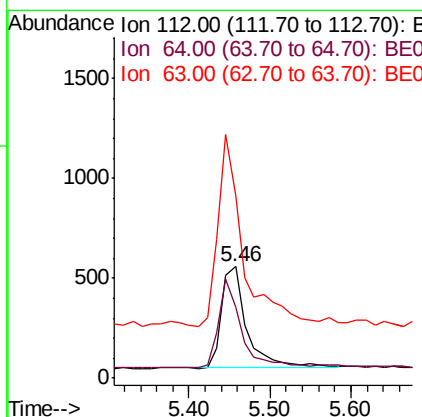
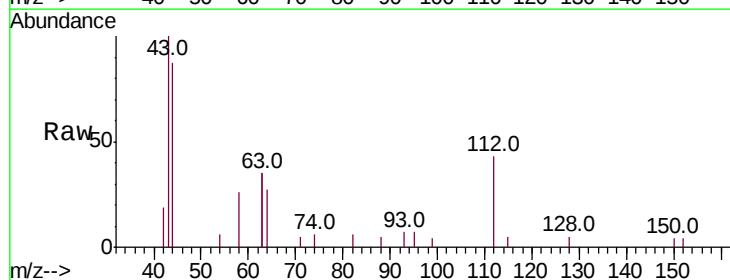
RT: 5.46 min Scan# 225

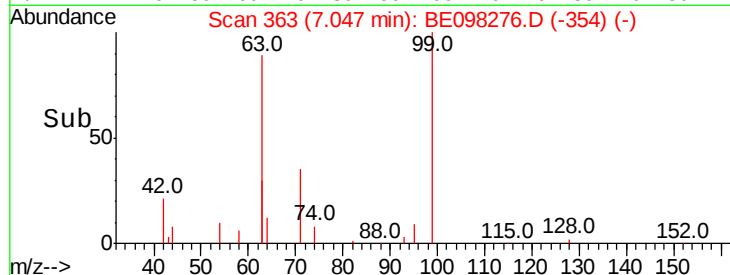
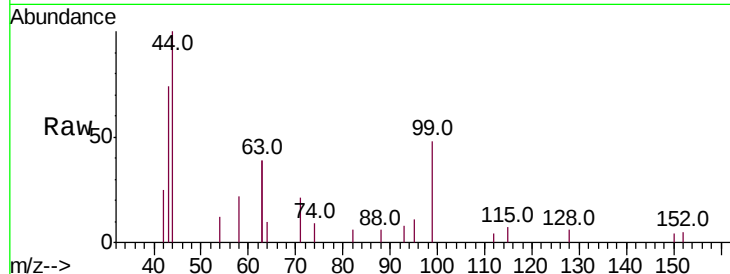
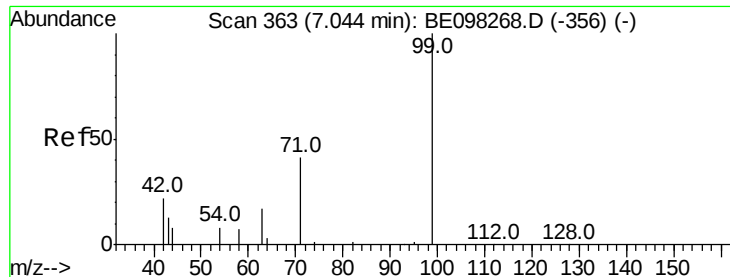
Delta R.T. 0.01 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.9	59.8	89.8
63	190.2	133.7	200.5





#5

Phenol-d6

Concen: 0.213 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Tot Ion:	99	Resp:	1163
Ion	Ratio	Lower	Upper
99	100		
42	30.2	26.3	39.5
71	44.0	33.6	50.4

Instrument :

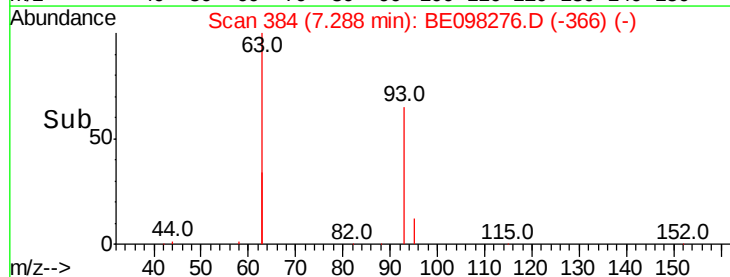
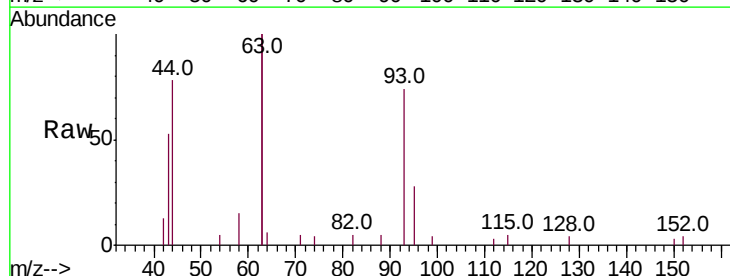
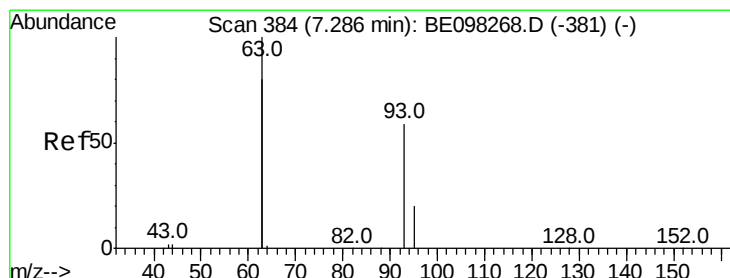
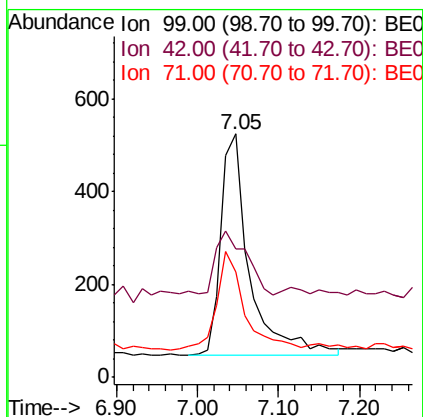
BNA_E

ClientSampleId :

EP2-MW-101MS

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#6

bis(2-Chloroethyl)ether

Concen: 0.406 ng

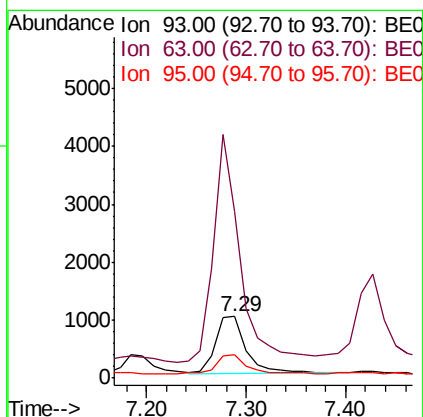
RT: 7.29 min Scan# 384

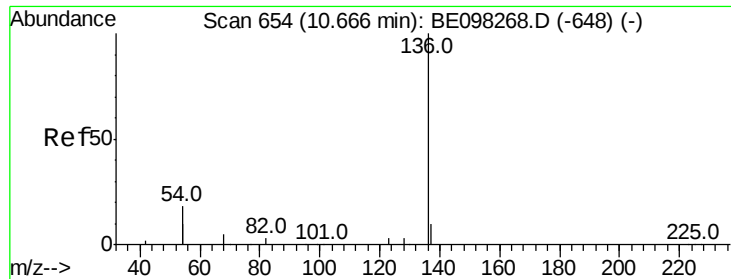
Delta R.T. 0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Tgt Ion:	93	Resp:	2039
Ion	Ratio	Lower	Upper
93	100		
63	356.3	264.4	396.6
95	32.5	26.6	40.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

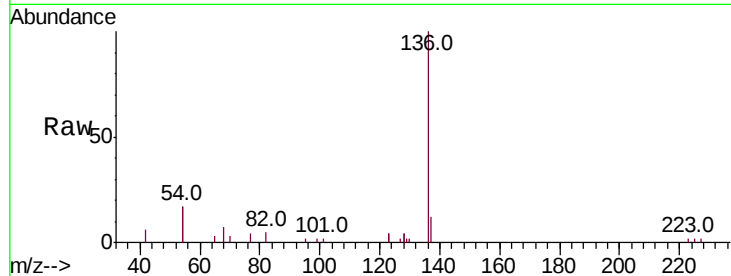
ClientSampleId :

EP2-MW-101MS

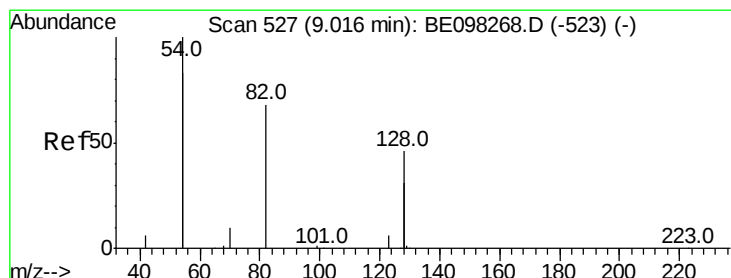
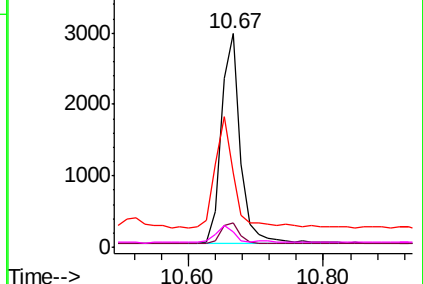
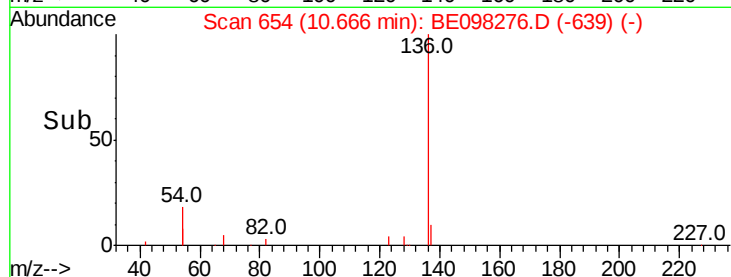
Tot Ion:	136	Resp:	5889
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.2	13.8
54	34.9	28.4	42.6
68	6.9	5.4	8.0

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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: 0.434 ng

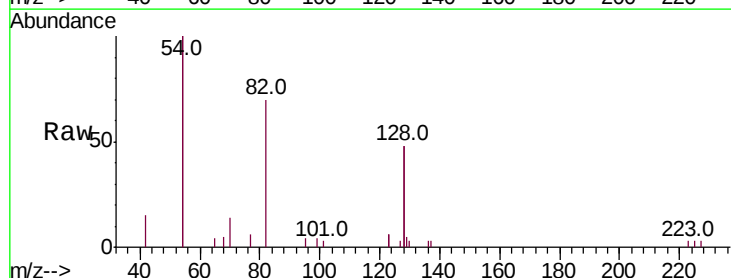
RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

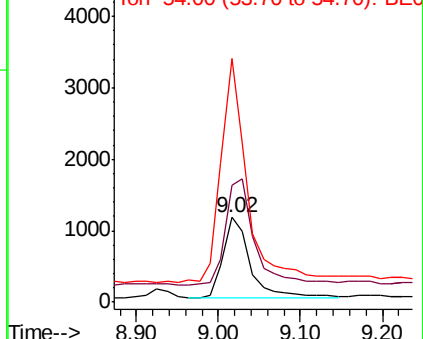
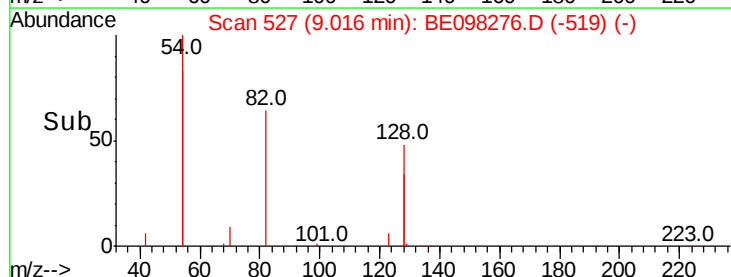
Lab File: BE098276.D

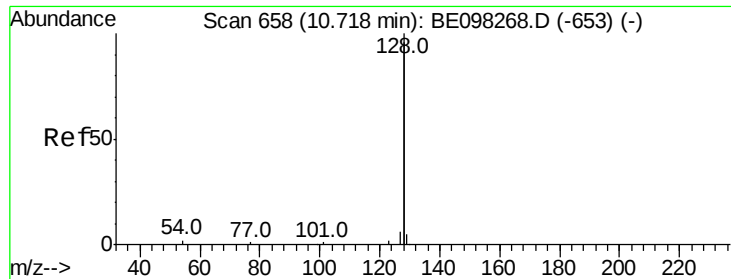
Acq: 29 Nov 2018 16:27

Tgt Ion:	82	Resp:	2588
Ion Ratio	Lower	Upper	
82	100		
128	138.2	102.4	153.6
54	287.6	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: 0.494 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

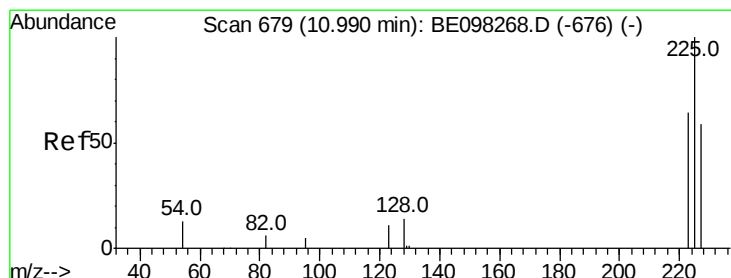
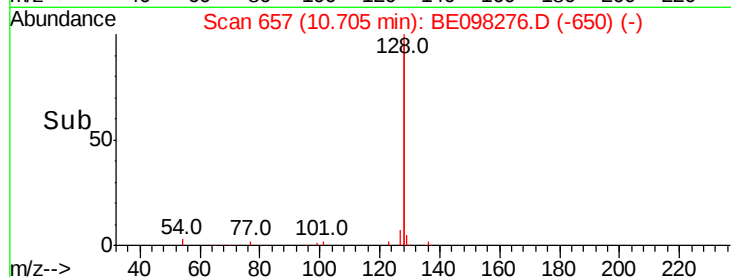
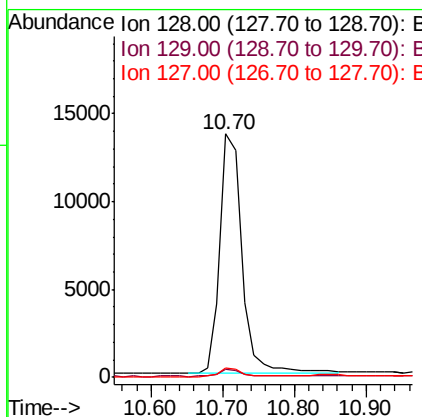
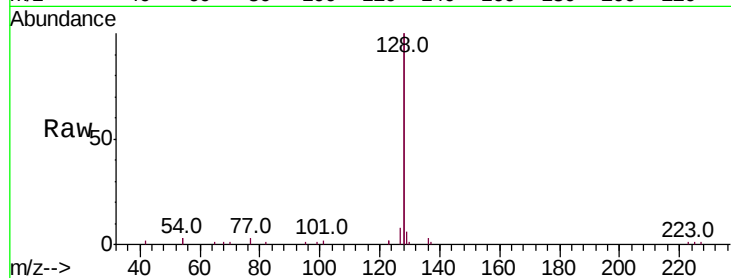
ClientSampleId :

EP2-MW-101MS

Tot Ion:	128	Resp:	29230
Ion Ratio	Lower	Upper	
128	100		
129	3.1	2.5	3.7
127	3.8	2.7	4.1

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#10

Hexachlorobutadiene

Concen: 0.378 ng

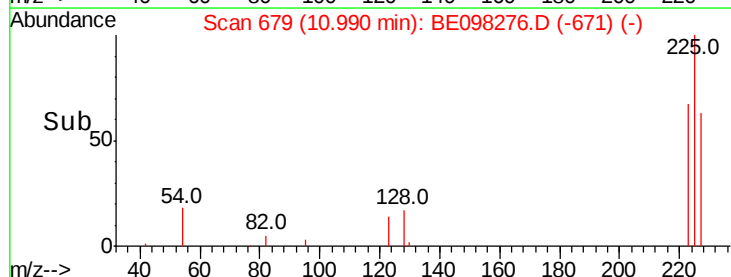
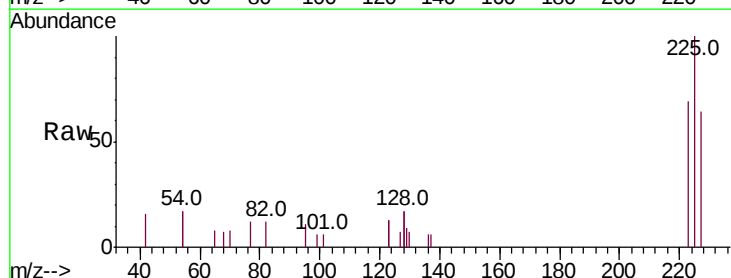
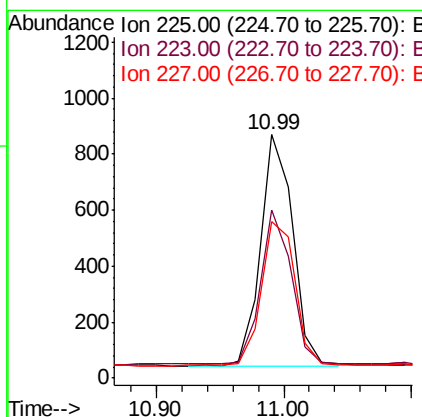
RT: 10.99 min Scan# 679

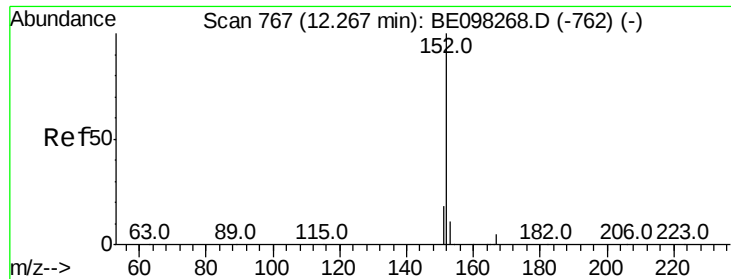
Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Tgt Ion:	225	Resp:	1434
Ion Ratio	Lower	Upper	
225	100		
223	63.3	49.4	74.0
227	65.8	52.0	78.0





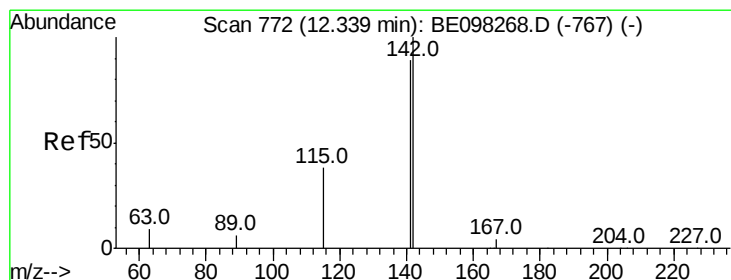
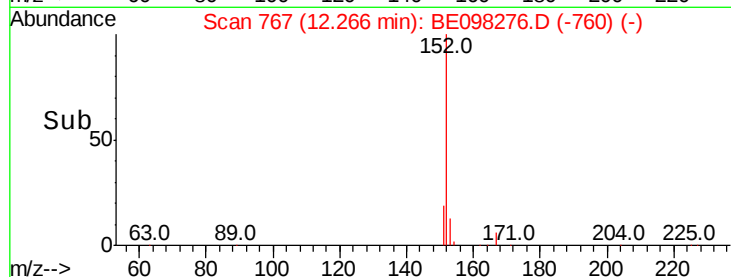
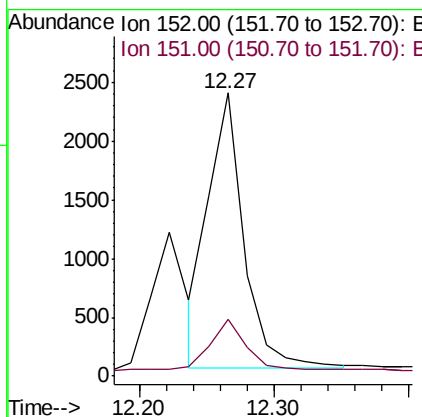
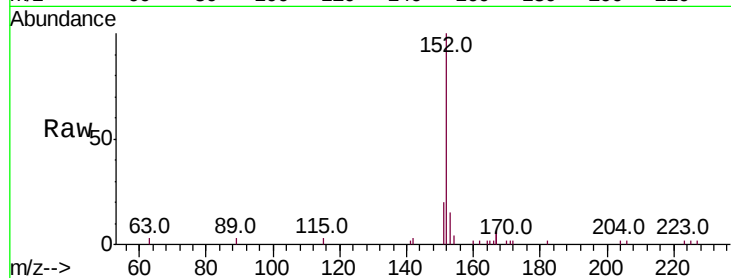
#11
 2-Methylnaphthalene-d10
 Concen: 0.452 ng m
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098276.D
 Acq: 29 Nov 2018 16:27

Instrument :
 BNA_E
 ClientSampleId :
 EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.4

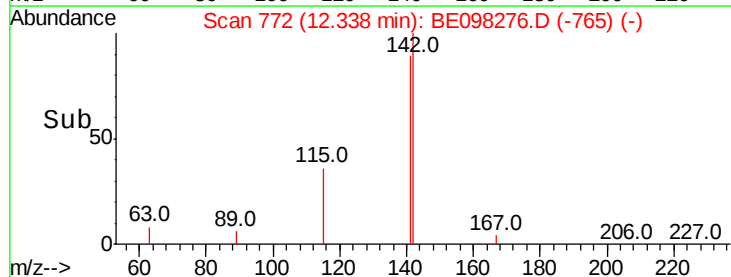
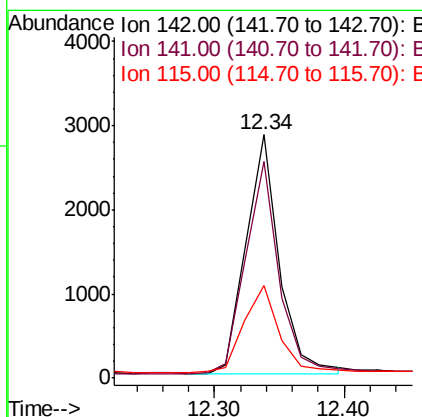
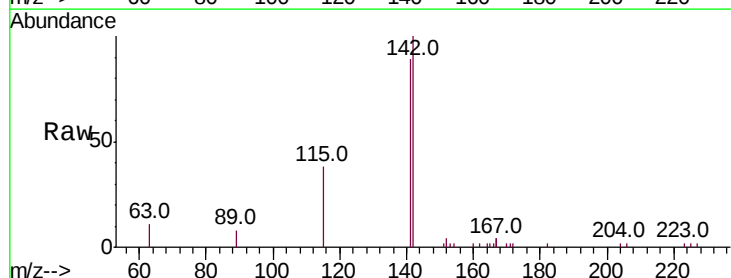
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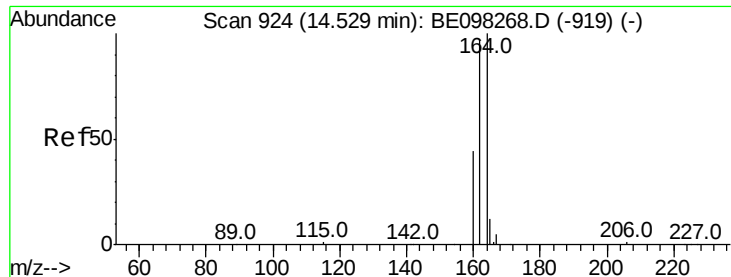
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#12
 2-Methylnaphthalene
 Concen: 0.514 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098276.D
 Acq: 29 Nov 2018 16:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	37.8	32.2	48.2





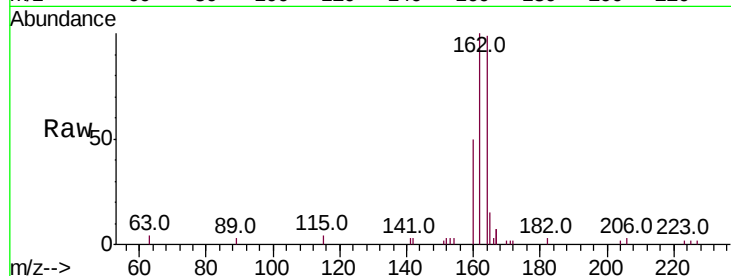
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	77.6	116.4
160	49.9	36.0	54.0

Manual Integrations
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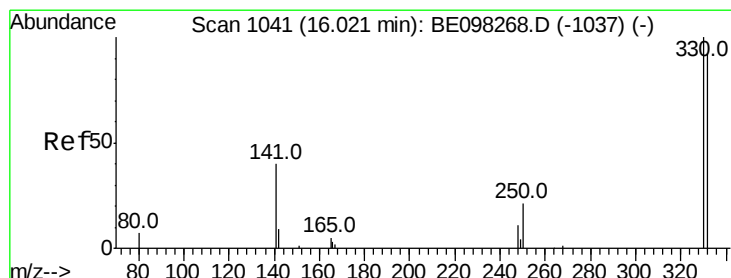
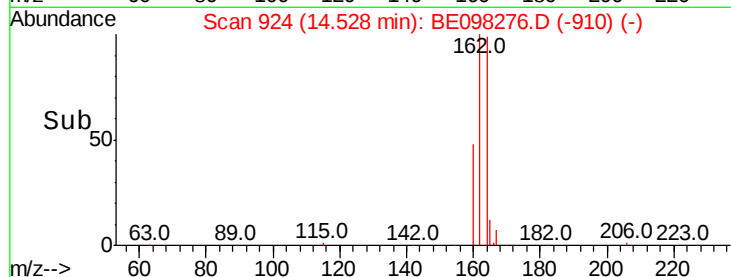
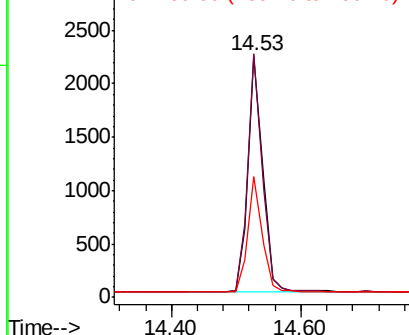


Abundance

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: 0.480 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

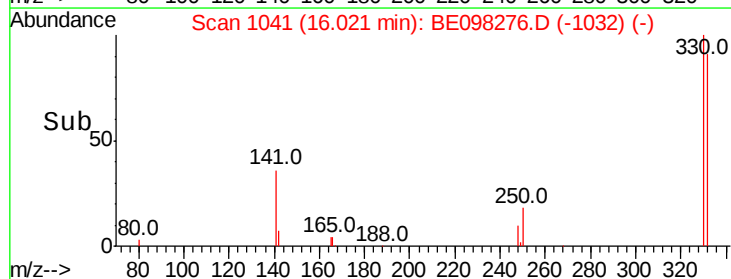
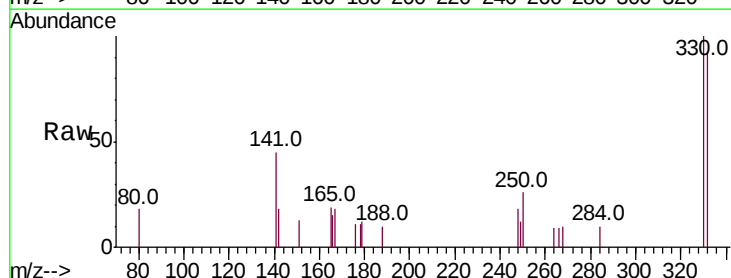
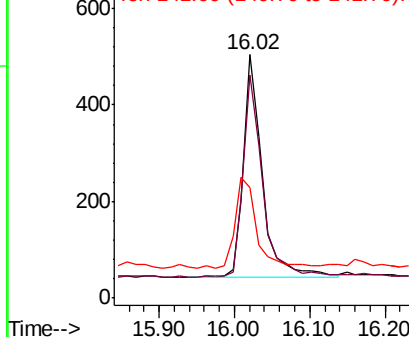
Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.3	76.2	114.4
141	48.3	39.0	58.4

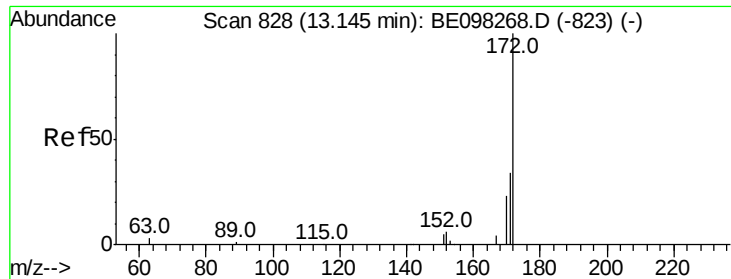
Abundance

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





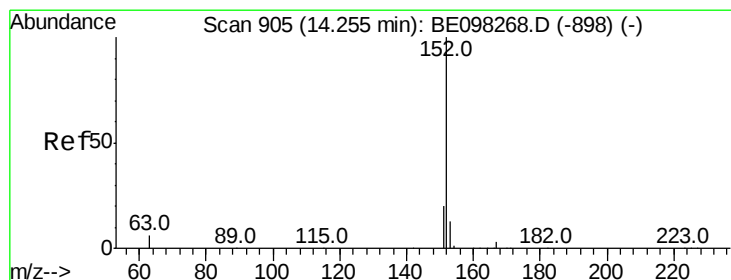
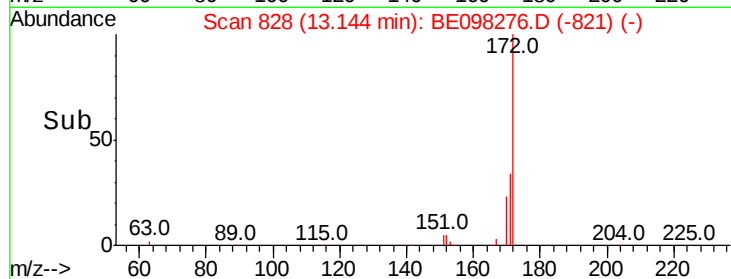
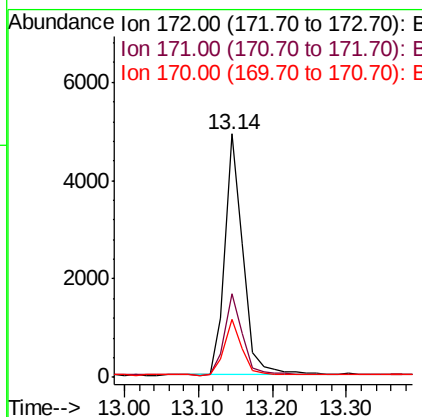
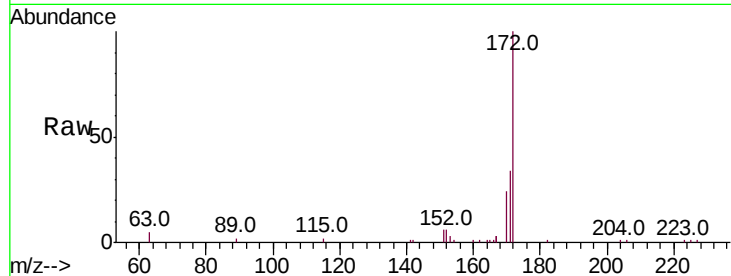
#15
2-Fluorobiphenyl
Concen: 0.569 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	24.0	19.6	29.4

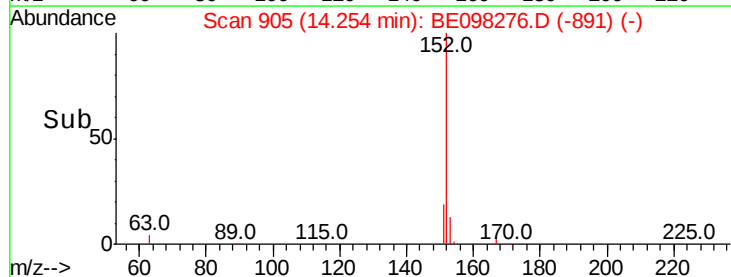
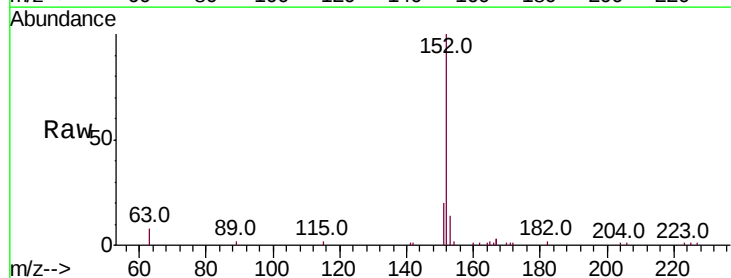
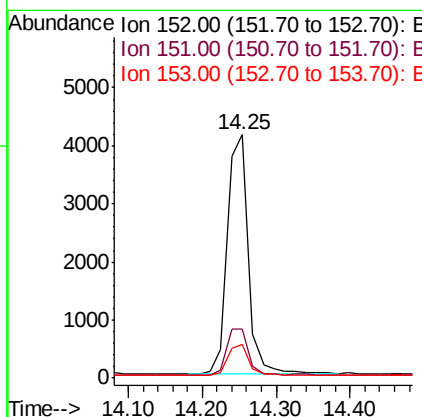
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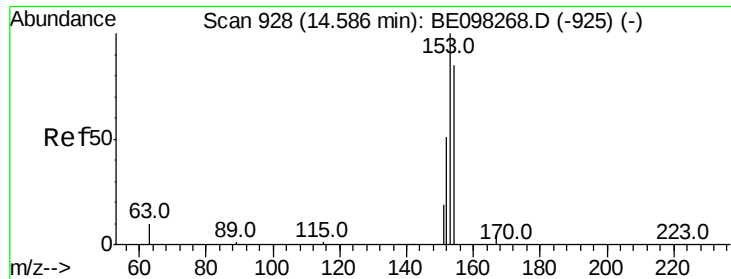
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#16
Acenaphthylene
Concen: 0.494 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.5	23.3
153	12.7	10.6	16.0





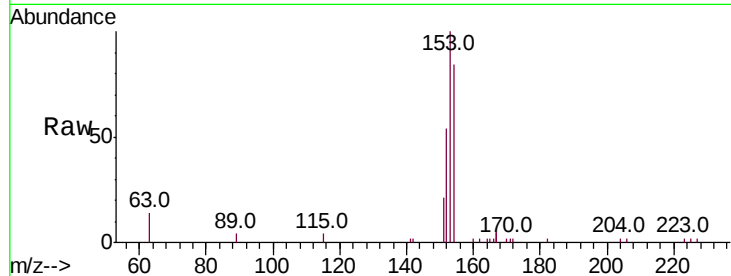
#17
Acenaphthene
Concen: 0.470 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.8	137.6
152	58.2	45.5	68.3

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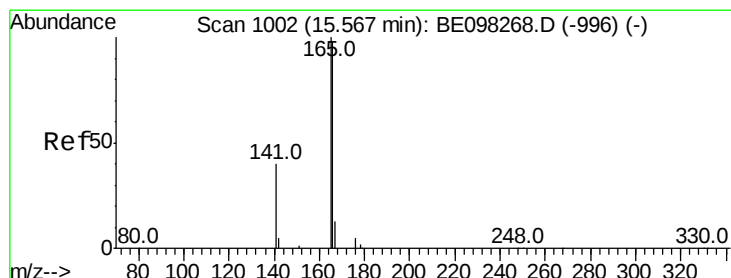
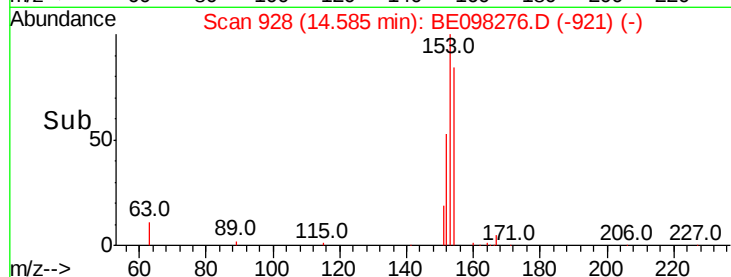
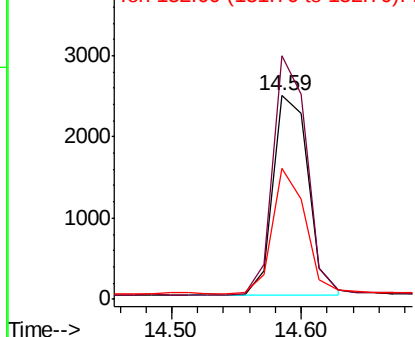


Abundance

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: 0.502 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

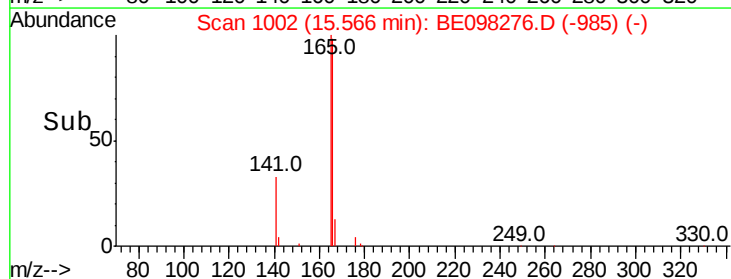
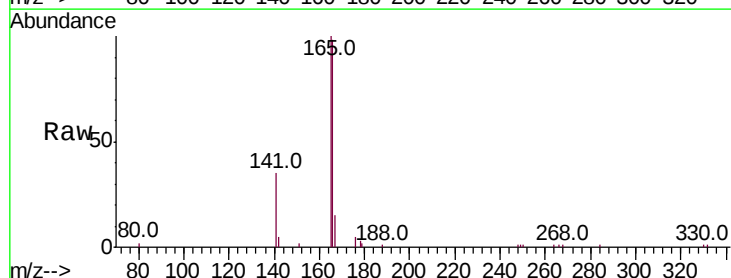
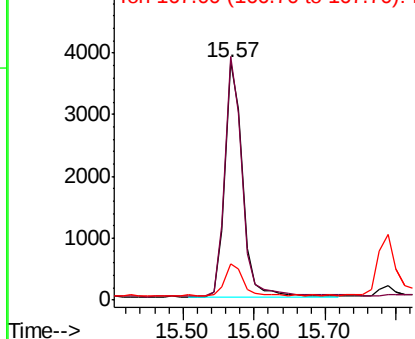
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.3	118.9
167	13.7	11.3	16.9

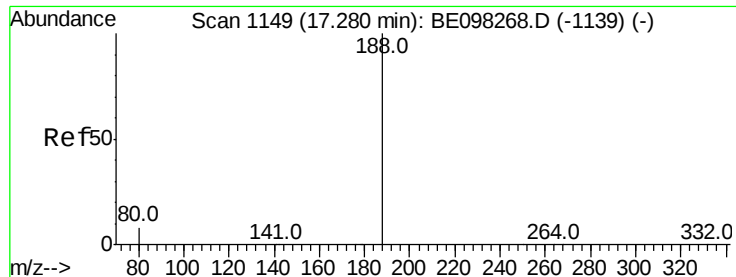
Abundance

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





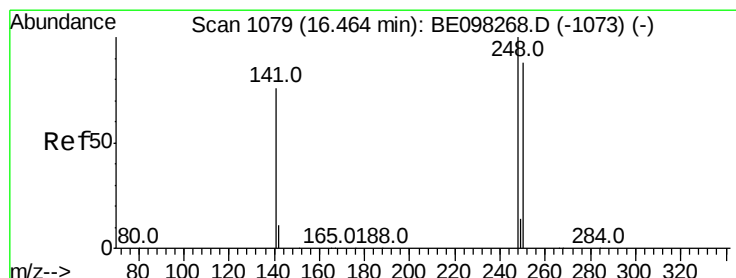
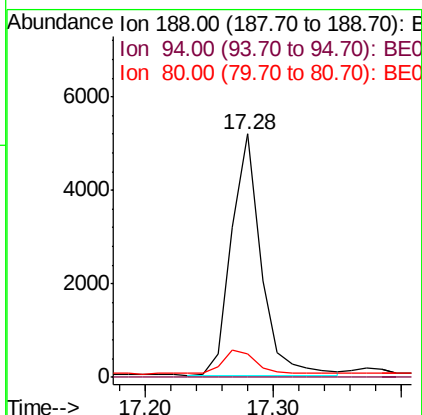
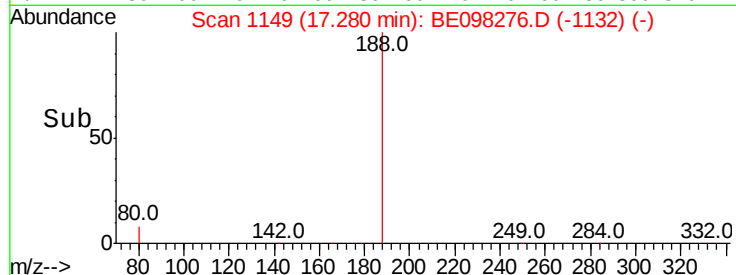
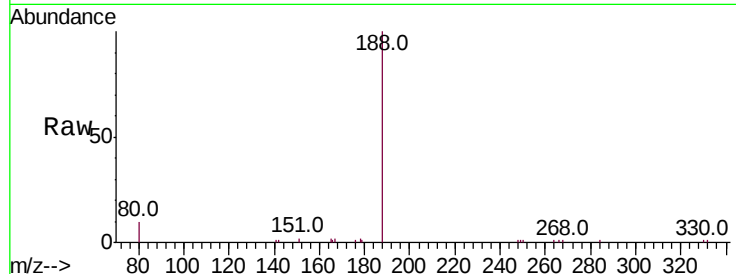
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.2	10.8

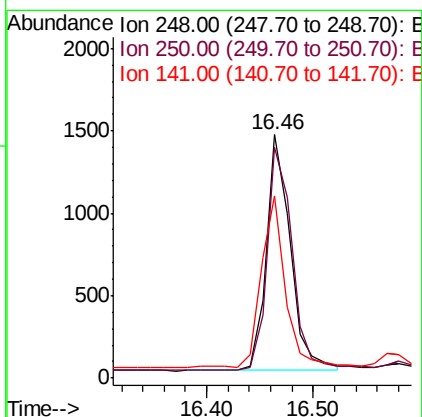
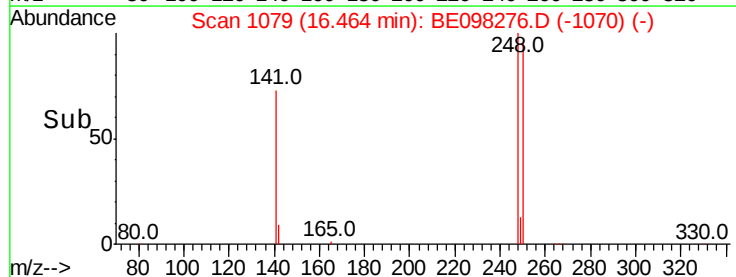
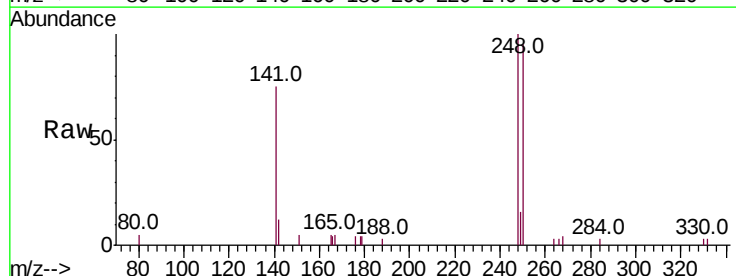
Manual Integrations
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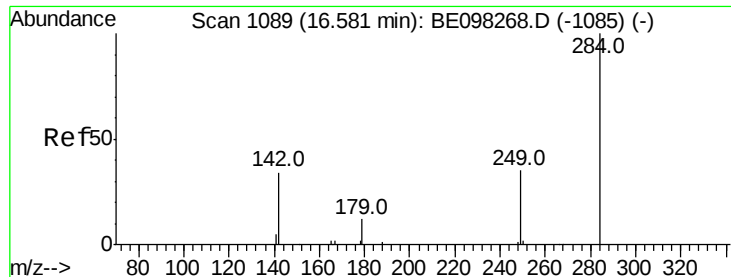
mohammad
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#20
4-Bromophenyl-phenylether
Concen: 0.482 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.9	71.0	106.6
141	74.9	62.1	93.1





#21

Hexachlorobenzene

Concen: 0.459 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

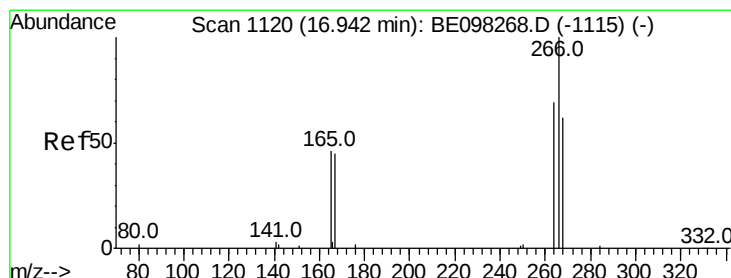
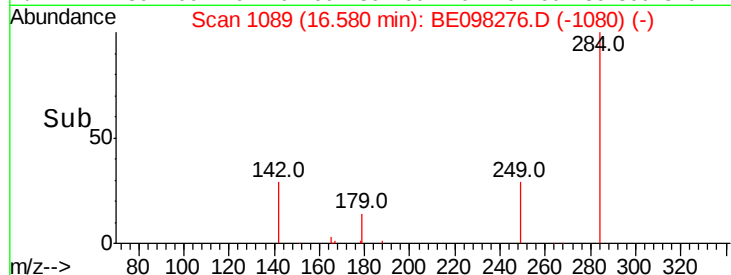
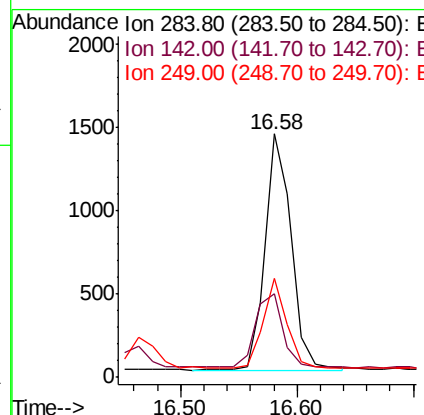
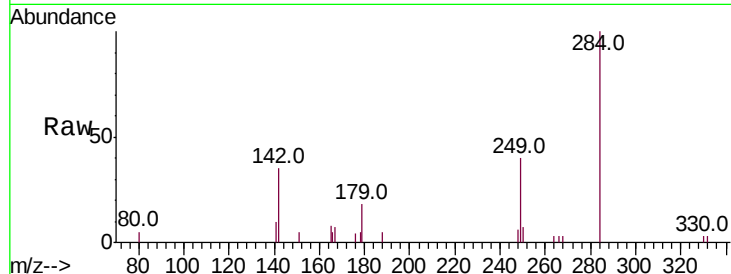
ClientSampleId :

EP2-MW-101MS

Tot Ion:	284	Resp:	2221
Ion Ratio	Lower	Upper	
284	100		
142	33.0	26.3	39.5
249	33.8	26.0	39.0

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#22

Pentachlorophenol

Concen: 0.878 ng

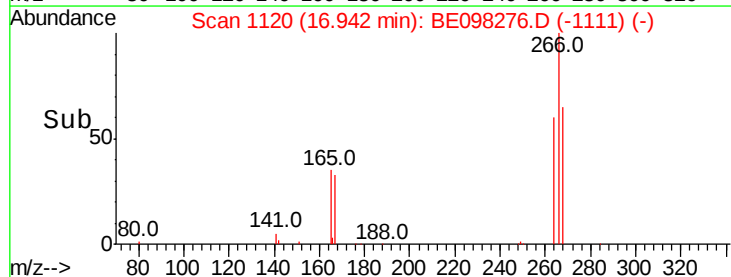
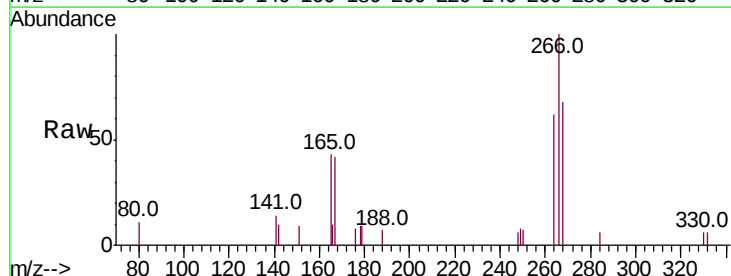
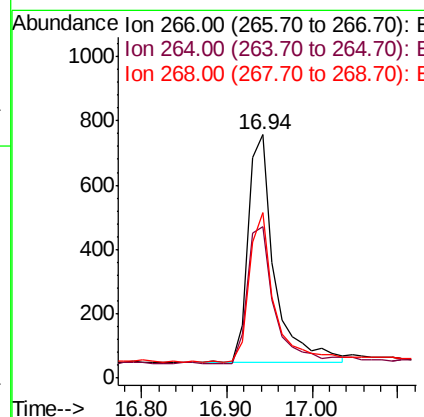
RT: 16.94 min Scan# 1120

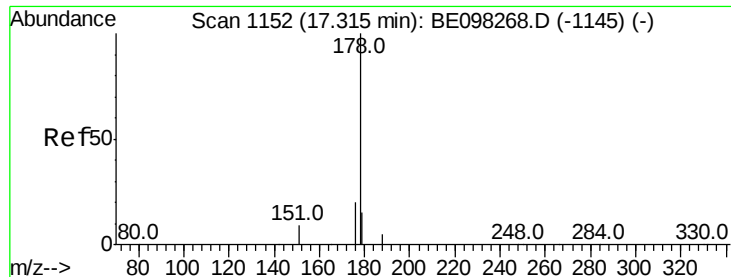
Delta R.T. 0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Tgt Ion:	266	Resp:	1525
Ion Ratio	Lower	Upper	
266	100		
264	62.0	59.0	88.4
268	68.2	55.1	82.7





#23

Phenanthrene

Concen: 0.530 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

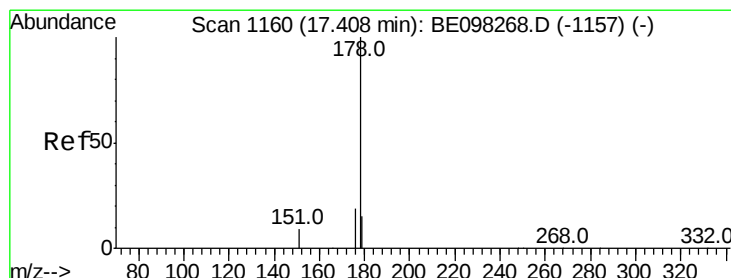
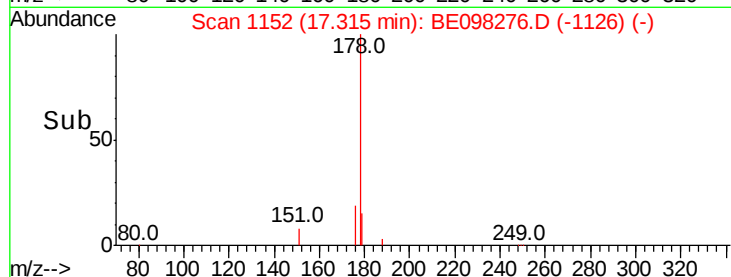
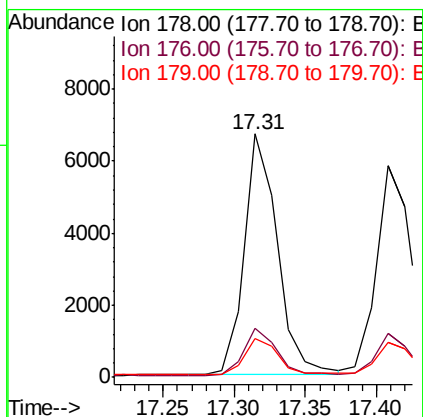
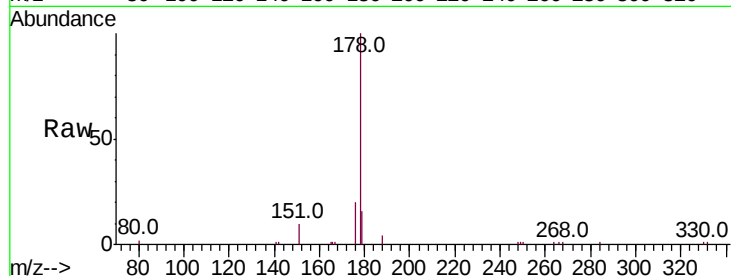
ClientSampleId :

EP2-MW-101MS

Tot Ion:178	Resp:	10875
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.9 23.9
179	16.2	12.3 18.5

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#24

Anthracene

Concen: 0.532 ng

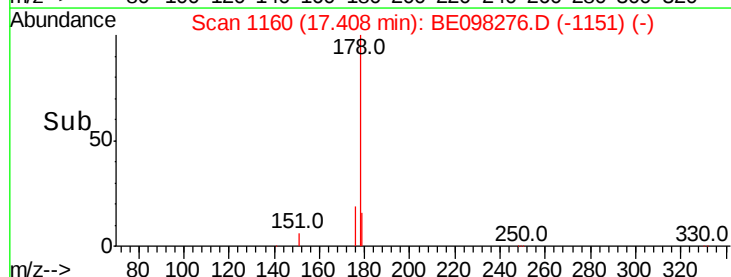
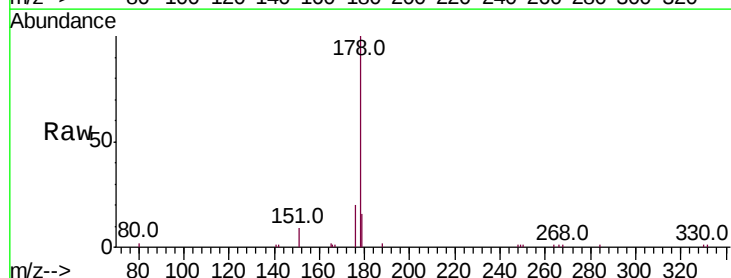
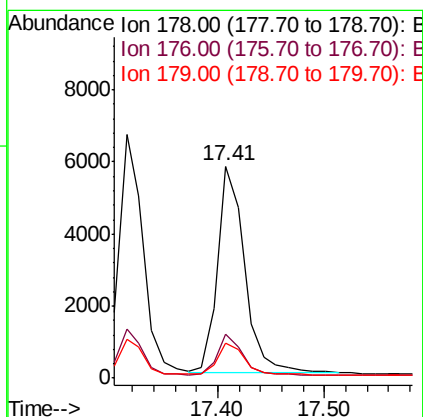
RT: 17.41 min Scan# 1160

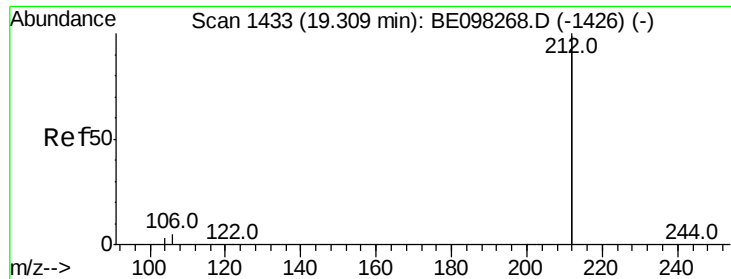
Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Tgt Ion:178	Resp:	10169
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.0 22.4
179	15.1	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.476 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

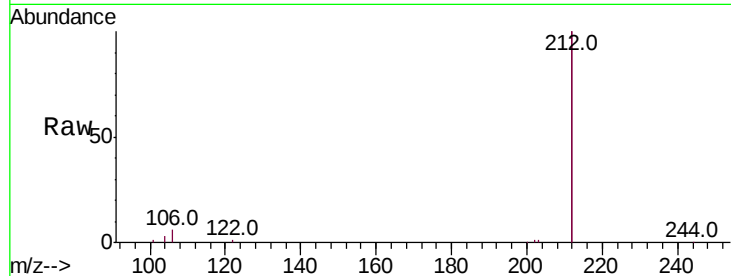
ClientSampleId :

EP2-MW-101MS

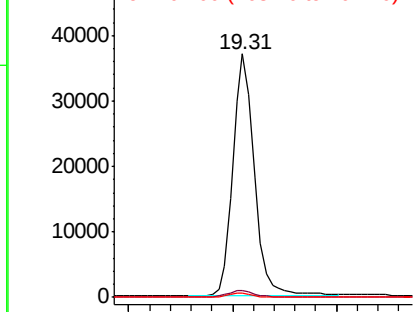
Tot Ion:	212	Resp:	53129
Ion Ratio	Lower	Upper	
212	100		
106	2.7	2.2	3.2
104	1.5	1.3	1.9

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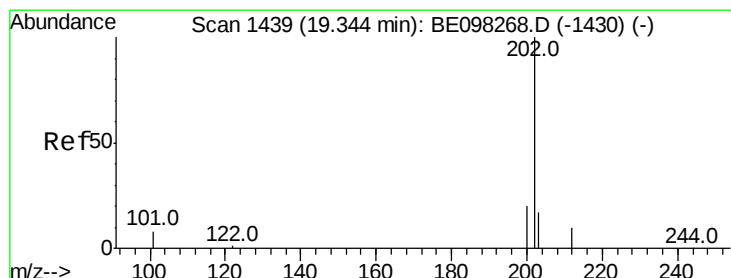
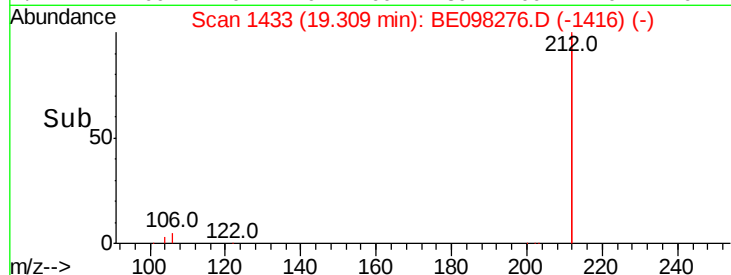
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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 0.491 ng

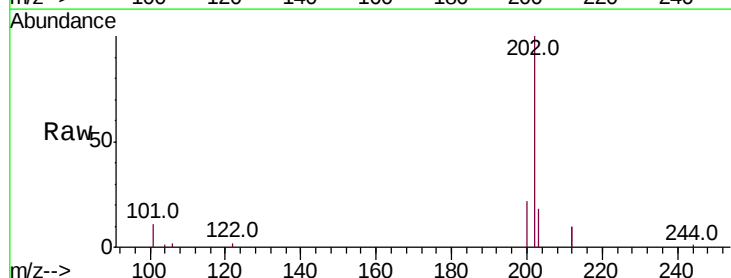
RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

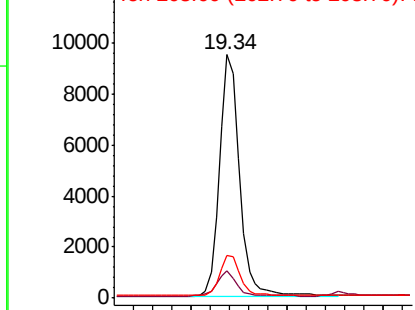
Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

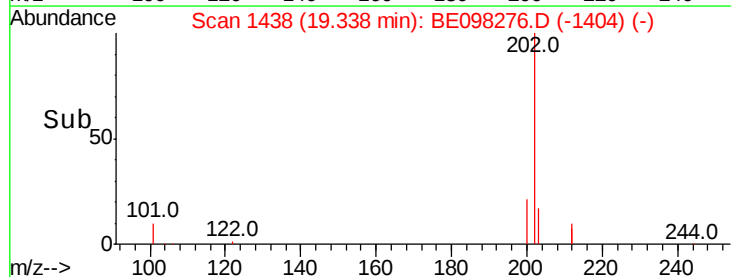
Tgt Ion:	202	Resp:	13763
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.0	12.0
203	16.7	13.8	20.6

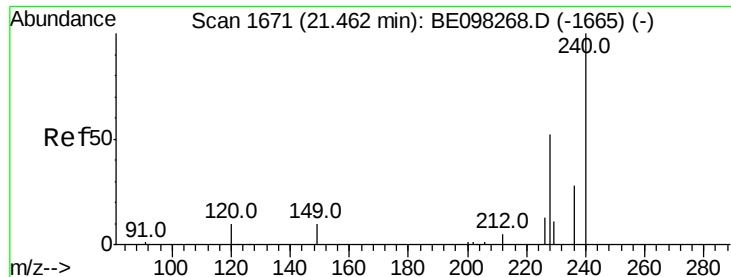


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

ClientSampleId :

EP2-MW-101MS

Tot Ion:240 Resp: 9805

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

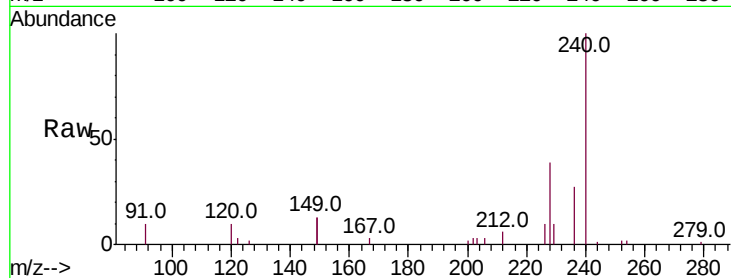
236 27.1 22.7 34.1

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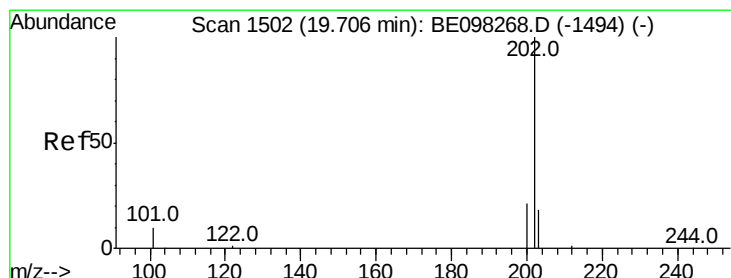
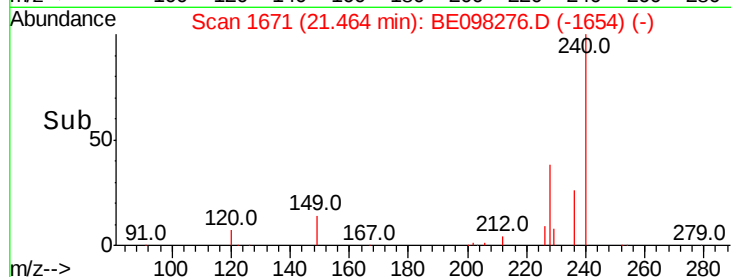
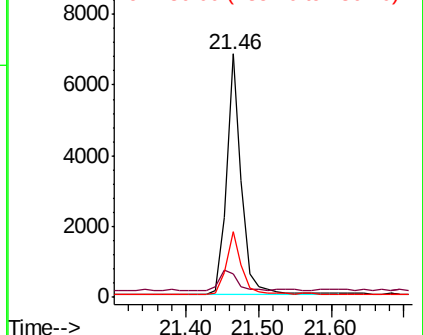
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.522 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

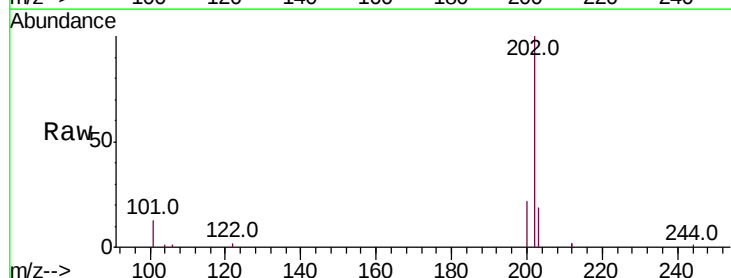
Tgt Ion:202 Resp: 14172

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

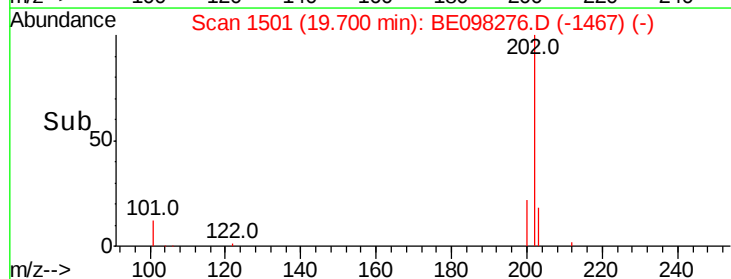
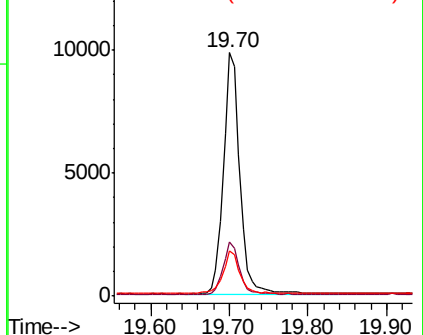
203 18.0 14.1 21.1

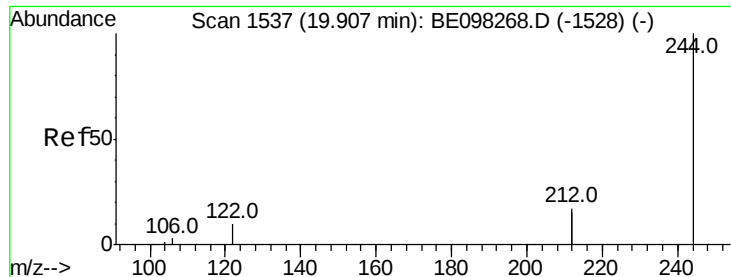


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.530 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

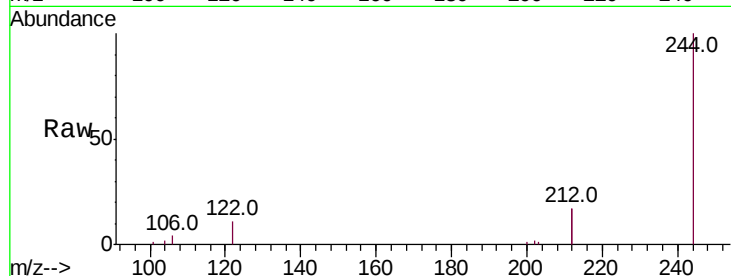
ClientSampleId :

EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	34.6	27.4	41.0
122	10.6	8.3	12.5

Manual Integrations
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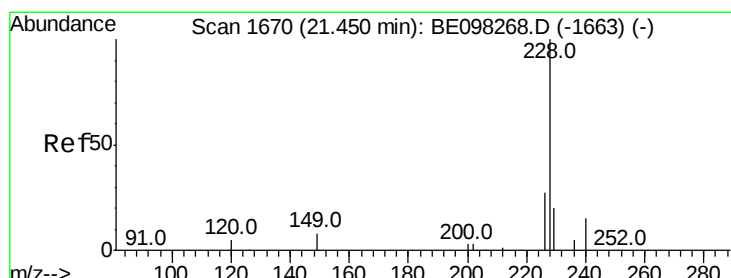
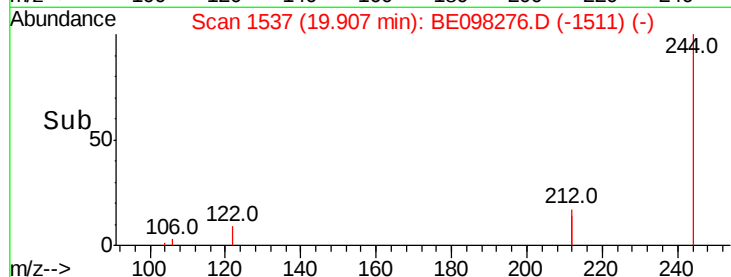
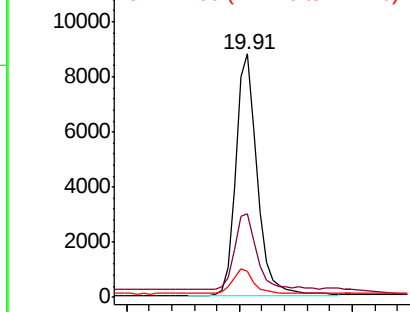


Abundance

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: 0.516 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

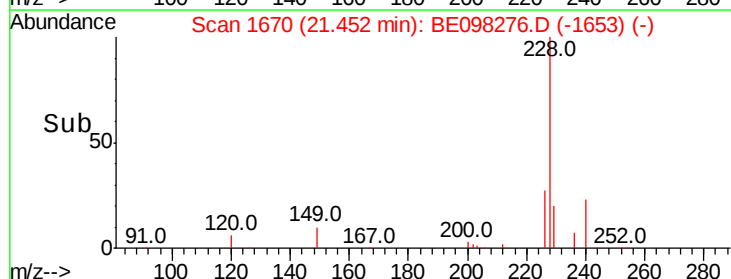
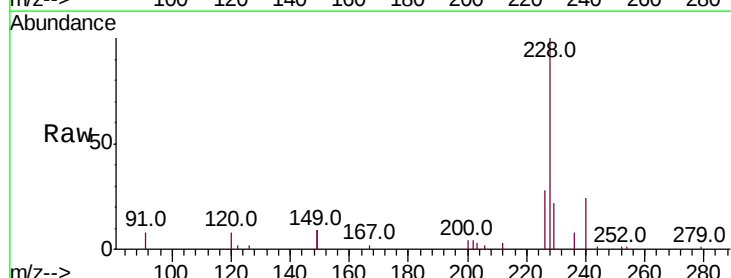
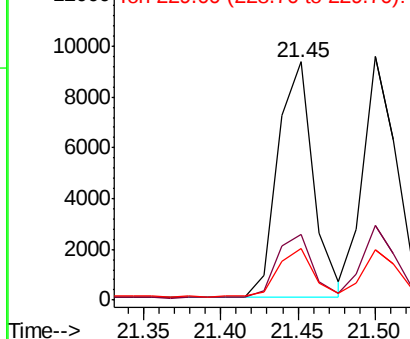
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	21.7	16.3	24.5

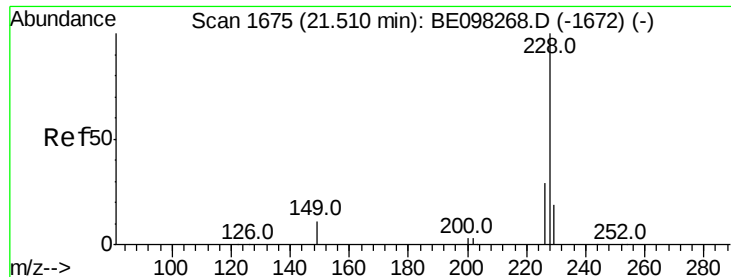
Abundance

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: 0.498 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

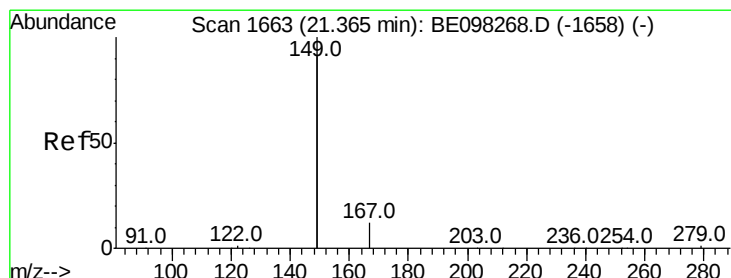
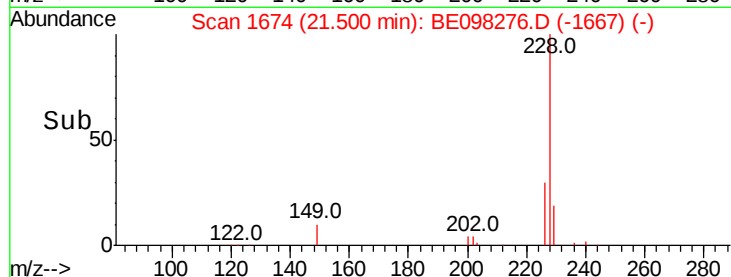
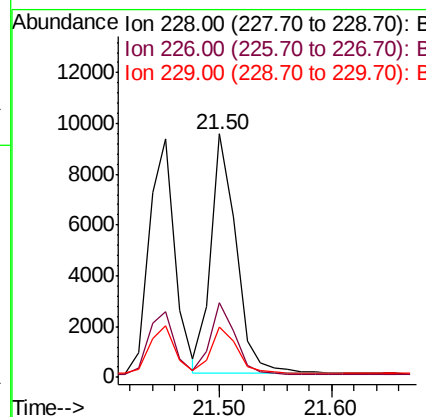
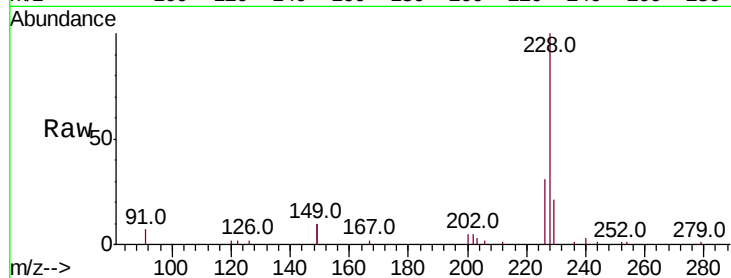
ClientSampleId :

EP2-MW-101MS

Tot Ion:	228	Resp:	14604
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.0
229	20.5	16.2	24.4

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.563 ng

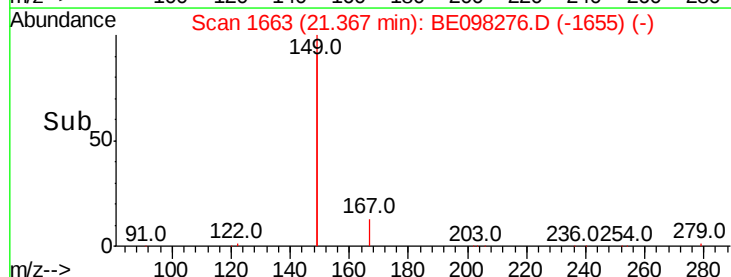
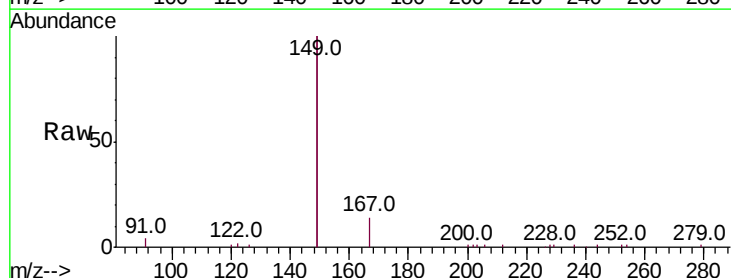
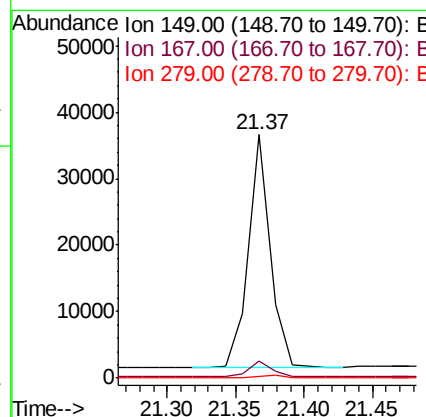
RT: 21.37 min Scan# 1663

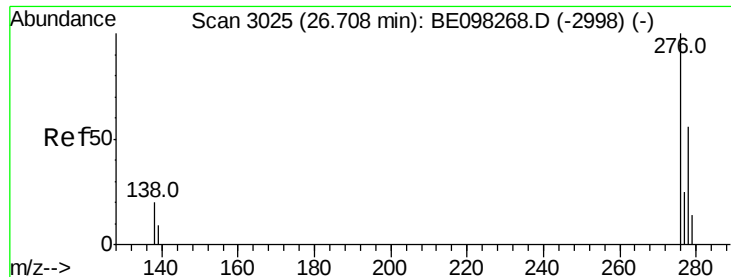
Delta R.T. 0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Tgt Ion:	149	Resp:	38927
Ion Ratio	Lower	Upper	
149	100		
167	6.9	5.7	8.5
279	1.1	1.0	1.4





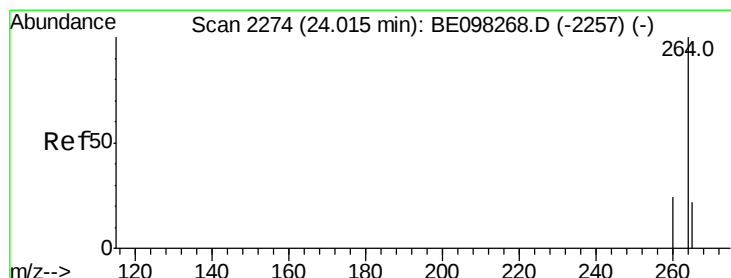
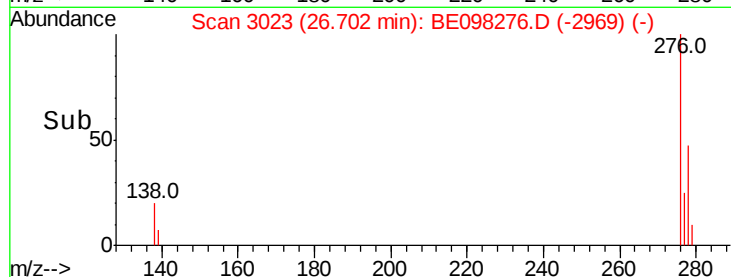
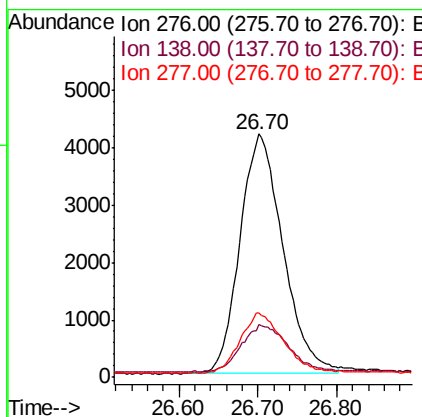
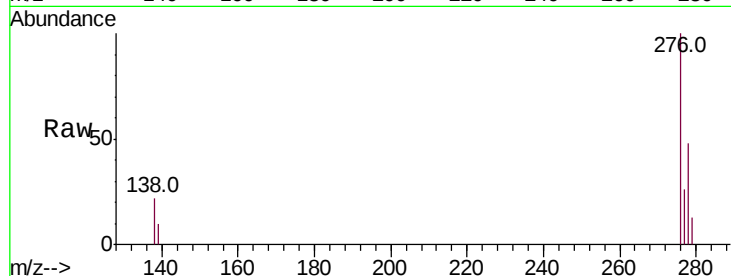
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.533 ng
 RT: 26.70 min Scan# 3023
 Delta R.T. -0.01 min
 Lab File: BE098276.D
 Acq: 29 Nov 2018 16:27

Instrument :
 BNA_E
 ClientSampleId :
 EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.3	24.5
277	25.0	20.2	30.4

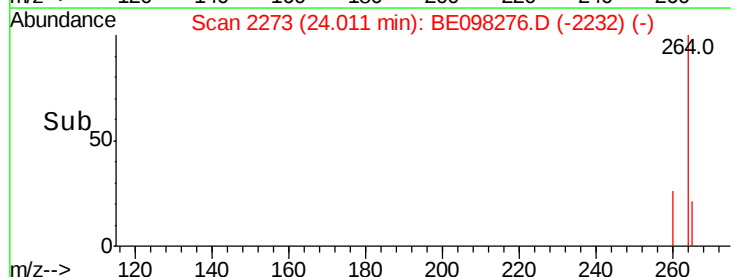
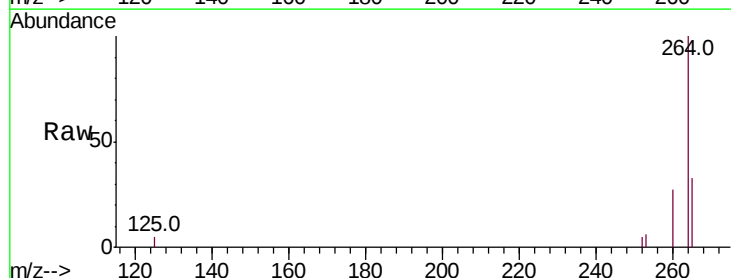
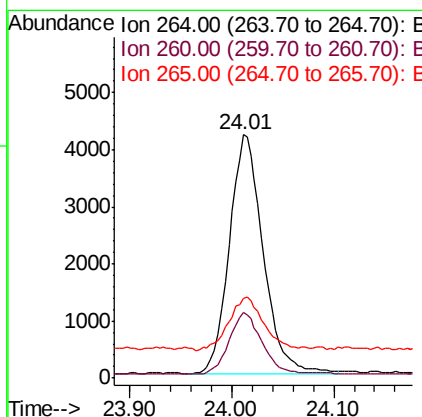
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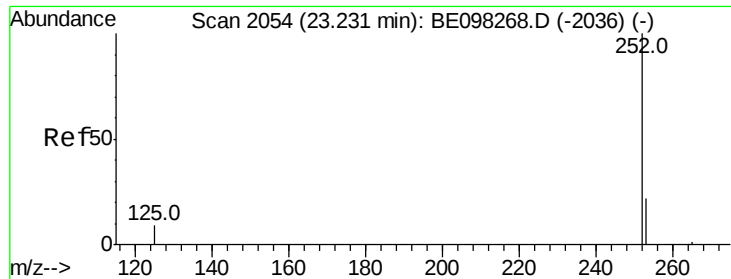
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BE098276.D
 Acq: 29 Nov 2018 16:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.2	30.2
265	32.7	25.2	37.8





#35

Benzo(b)fluoranthene

Concen: 0.534 ng m

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

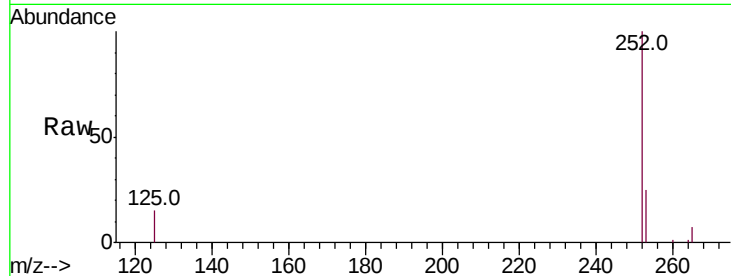
ClientSampleId :

EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.0	30.0
125	14.6	9.6	14.4

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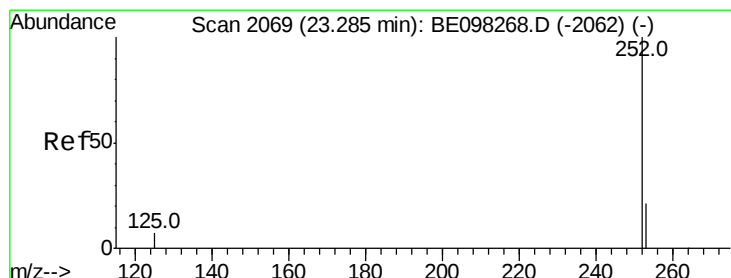
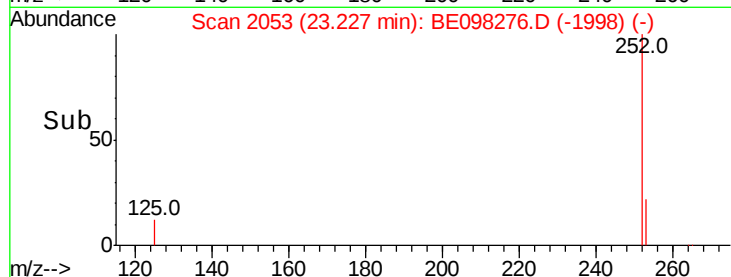
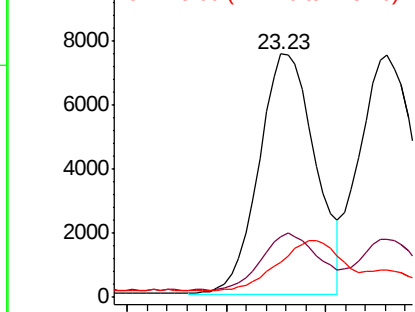


Abundance

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: 0.512 ng

RT: 23.28 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

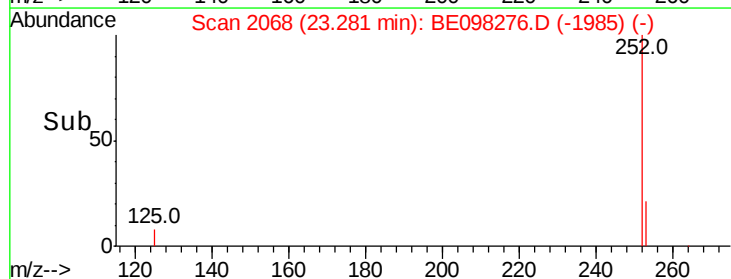
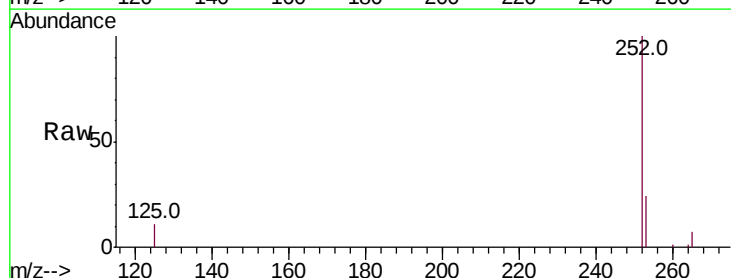
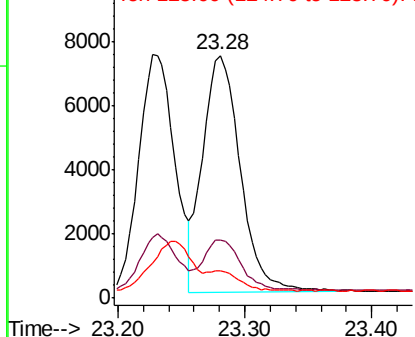
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.6
125	11.1	9.1	13.7

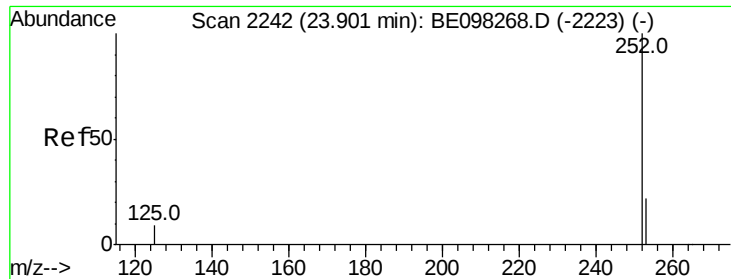
Abundance

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





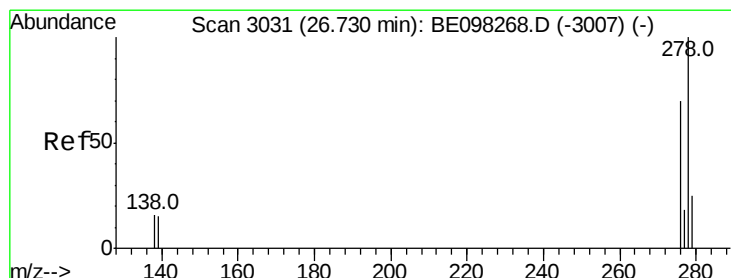
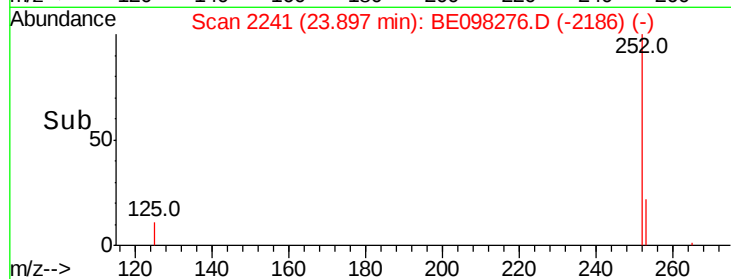
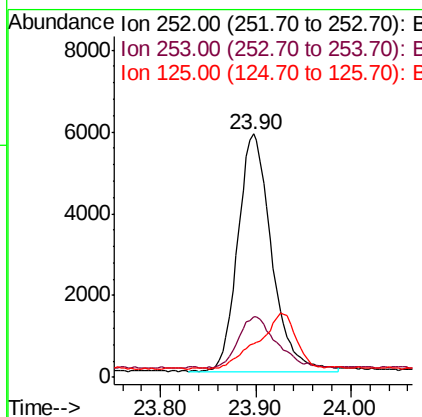
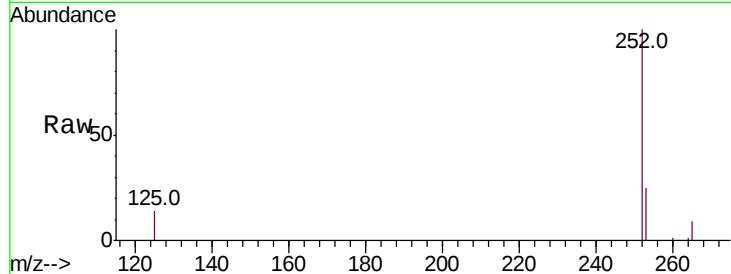
#37
Benzo(a)pyrene
Concen: 0.530 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.6	30.8
125	14.0	10.5	15.7

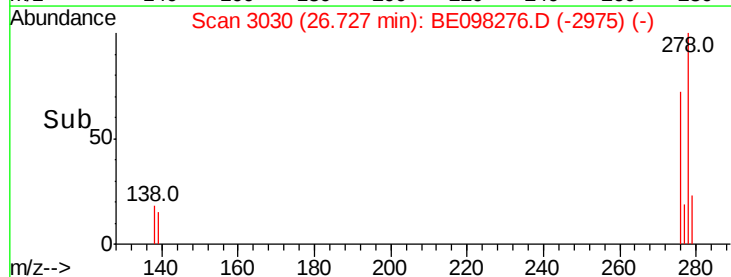
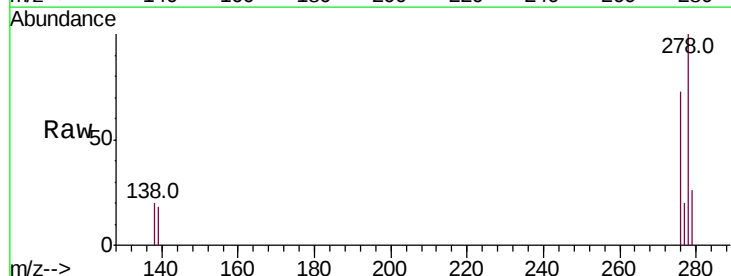
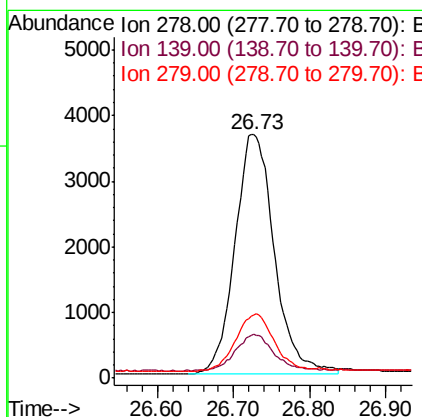
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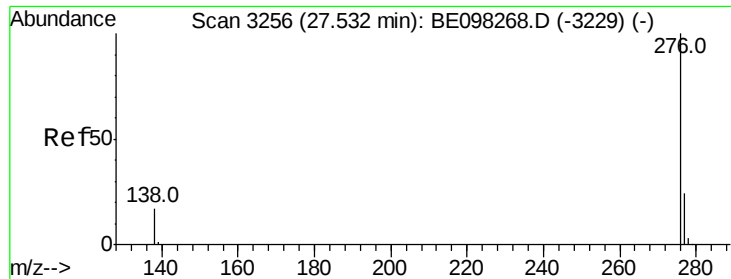
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#38
Dibenzo(a,h)anthracene
Concen: 0.514 ng
RT: 26.73 min Scan# 3030
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.5	21.7
279	25.9	21.8	32.8





#39

Benzo(a,h,i)perylene

Concen: 0.531 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

ClientSampleId :

EP2-MW-101MS

Tot Ion:	276	Resp:	13665
Ion Ratio	Lower	Upper	
276	100		
277	25.1	20.8	31.2
138	20.1	15.8	23.6

Manual Integrations
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