

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
 Data File : BE098277.D
 Acq On : 29 Nov 2018 17:03
 Operator : SJ/JU
 Sample : J6047-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EP2-MW-101MSD

Manual Integrations
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 11/30/2018 3:50:28 PM

Quant Time: Nov 29 17:55:49 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	1677	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6820	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4196	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10082	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11019	0.40	ng	0.00
34) Perylene-d12	24.01	264	10655	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1321	0.30	ng	0.01
5) Phenol-d6	7.04	99	1261	0.20	ng	0.00
8) Nitrobenzene-d5	9.02	82	2919	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4443m	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	968	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	9874	0.57	ng	0.00
25) Fluoranthene-d10	19.31	212	60894	0.45	ng	0.00
29) Terphenyl-d14	19.91	244	12950	0.52	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	508	0.153	ng	# 41
3) n-Nitrosodimethylamine	3.68	42	704	0.219	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	2174	0.374	ng	89
9) Naphthalene	10.71	128	32041	0.468	ng	99
10) Hexachlorobutadiene	10.99	225	1533	0.349	ng	98
12) 2-Methylnaphthalene	12.34	142	5408	0.475	ng	99
16) Acenaphthylene	14.24	152	9048	0.462	ng	99
17) Acenaphthene	14.59	154	5150	0.441	ng	99
18) Fluorene	15.57	166	7365	0.476	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	2540	0.445	ng	97
21) Hexachlorobenzene	16.58	284	2466	0.418	ng	96
22) Pentachlorophenol	16.94	266	1743	0.829	ng	94
23) Phenanthrene	17.31	178	12265	0.490	ng	99
24) Anthracene	17.41	178	11475	0.492	ng	99
26) Fluoranthene	19.34	202	15692	0.459	ng	99
28) Pyrene	19.70	202	15781	0.517	ng	99
30) Benzo(a)anthracene	21.45	228	15439	0.476	ng	99
31) Chrysene	21.50	228	15400	0.467	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	39064	0.503	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	16515	0.496	ng	99
35) Benzo(b)fluoranthene	23.23	252	15397m	0.493	ng	
36) Benzo(k)fluoranthene	23.28	252	15186	0.463	ng	100
37) Benzo(a)pyrene	23.90	252	14757	0.490	ng	98
38) Dibenzo(a,h)anthracene	26.73	278	13693	0.480	ng	99
39) Benzo(g,h,i)perylene	27.53	276	13900	0.486	ng	99

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

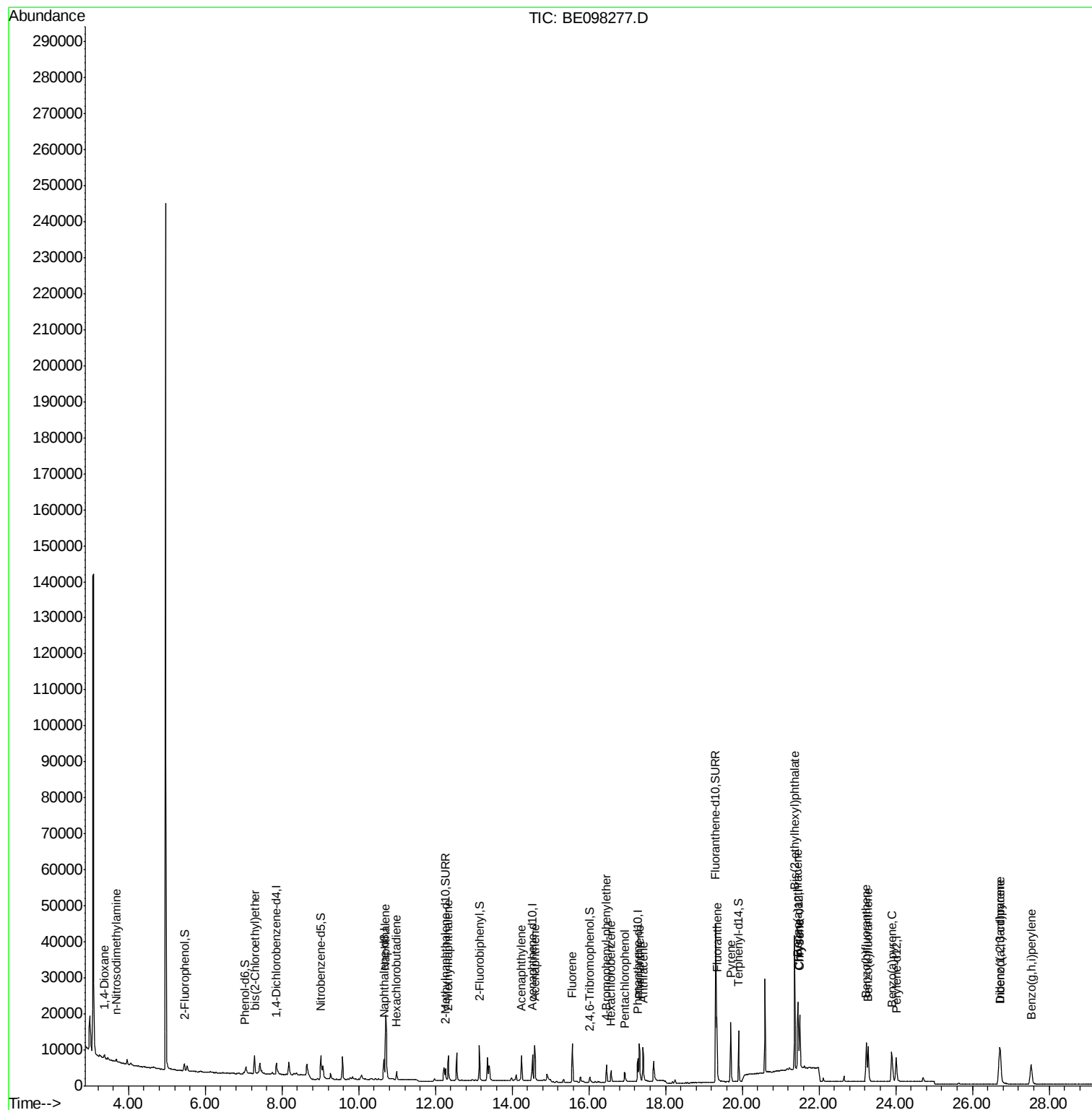
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
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ALS Vial : 13 Sample Multiplier: 1

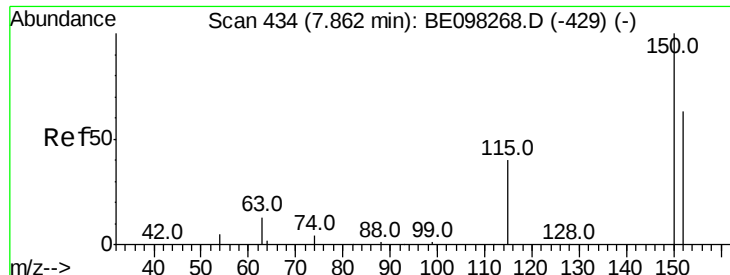
Instrument :
BNA_E
ClientSampleId :
EP2-MW-101MSD

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Quant Time: Nov 29 17:55:49 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

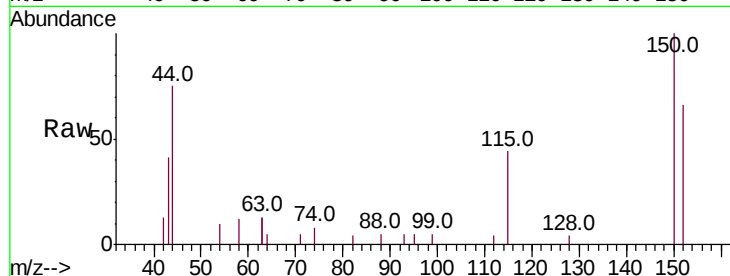
ClientSampleId :

EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	124.2	186.4
115	66.2	53.9	80.9

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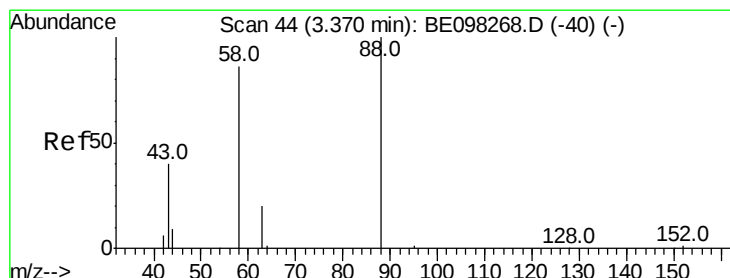
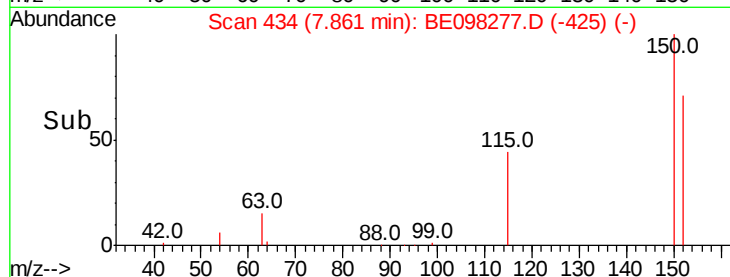
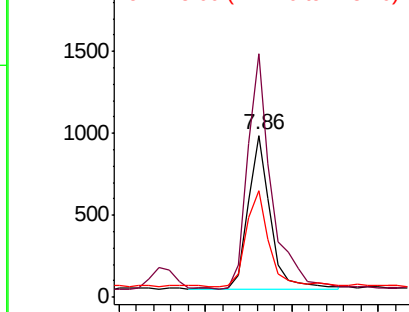


Abundance

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: 0.153 ng

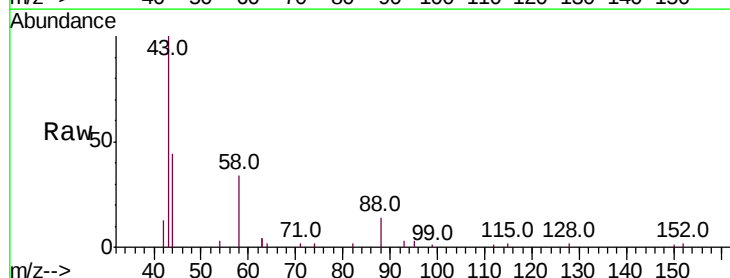
RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	138.4	75.0	112.6#
43	105.5	38.3	57.5#

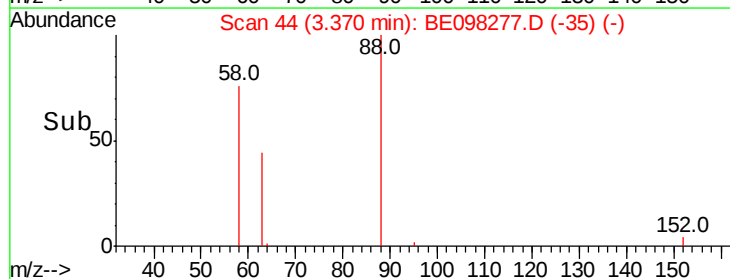
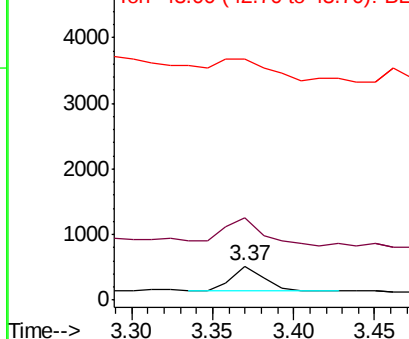


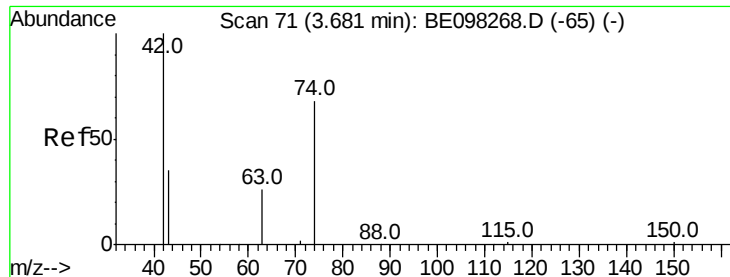
Abundance

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: 0.219 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE098277.D

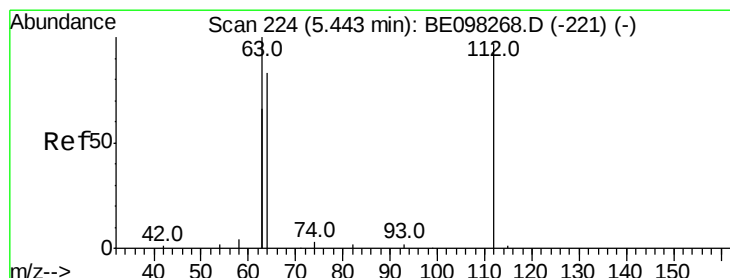
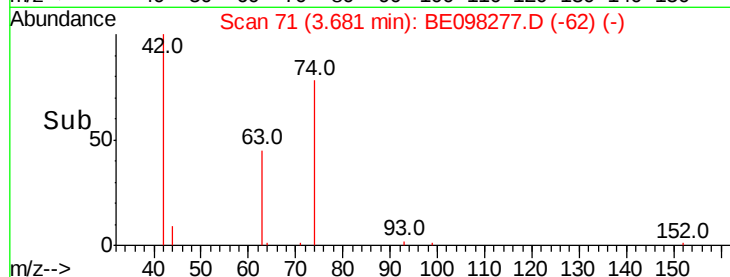
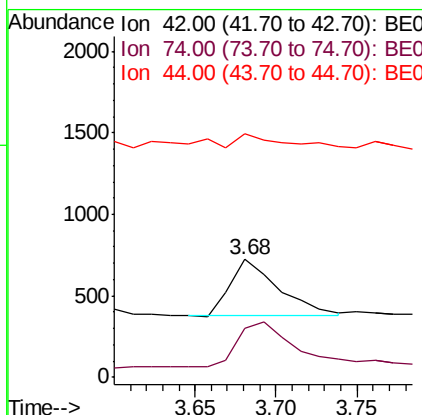
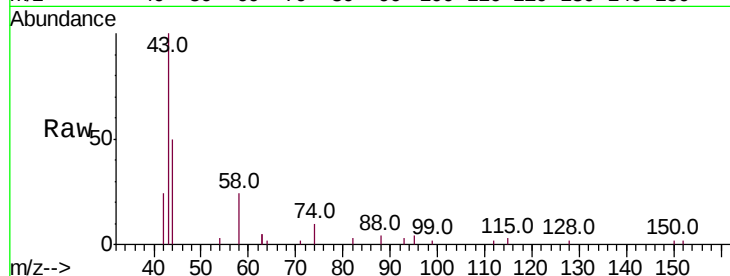
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
42	100		
74	100.4	0.0	0.0#
44	25.9	0.0	0.0#

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#4

2-Fluorophenol

Concen: 0.295 ng

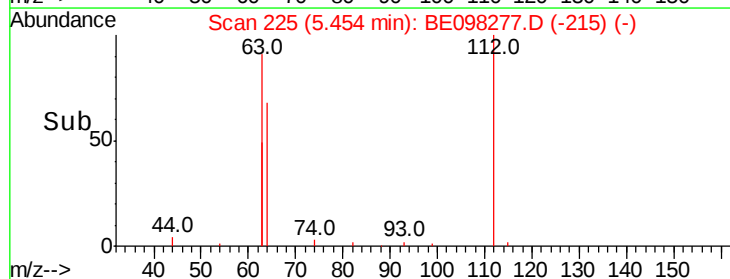
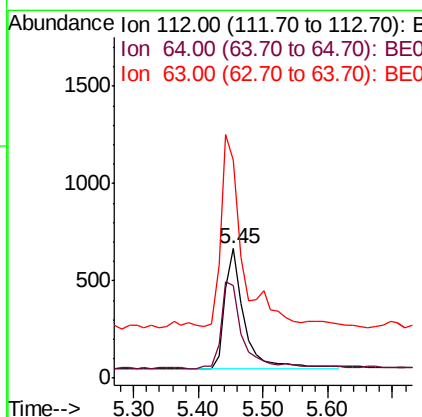
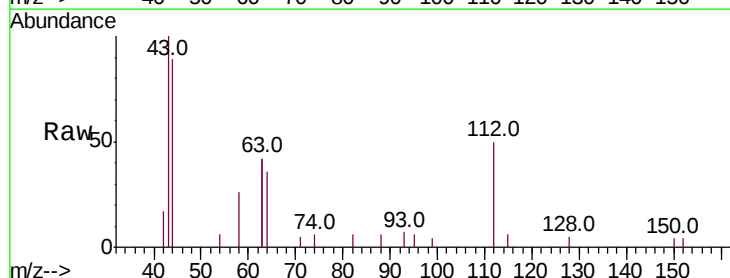
RT: 5.45 min Scan# 225

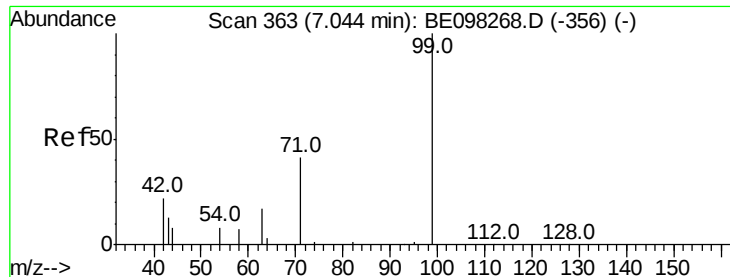
Delta R.T. 0.01 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.0	59.8	89.8
63	170.3	133.7	200.5





#5

Phenol-d6

Concen: 0.200 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

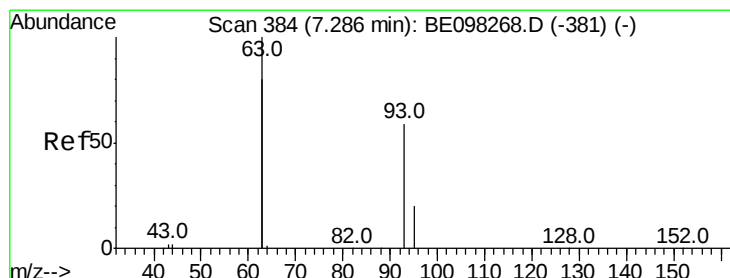
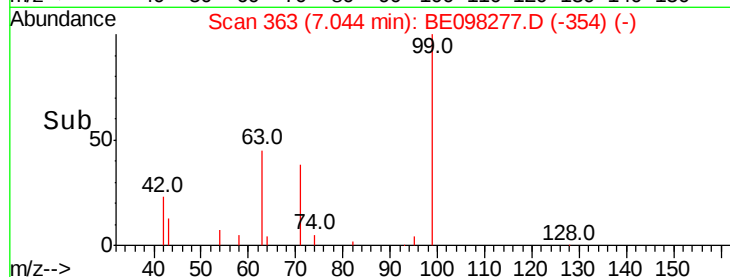
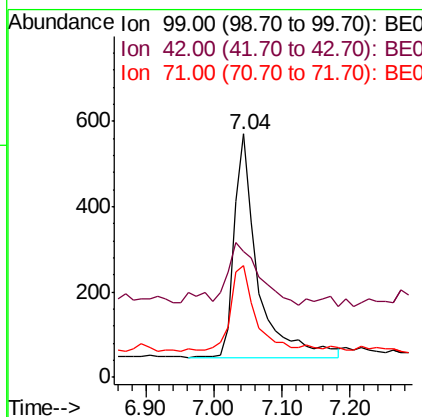
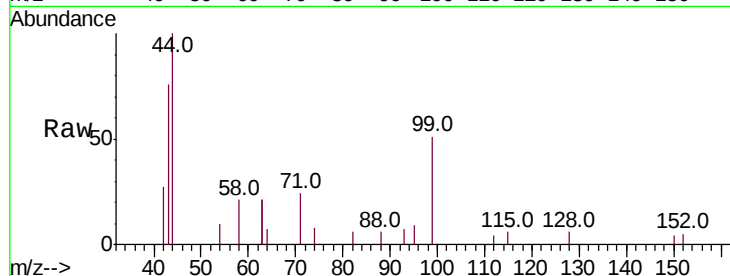
ClientSampleId :

EP2-MW-101MSD

Tot Ion:	99	Resp:	1261
Ion	Ratio	Lower	Upper
99	100		
42	36.2	26.3	39.5
71	39.1	33.6	50.4

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#6

bis(2-Chloroethyl)ether

Concen: 0.374 ng

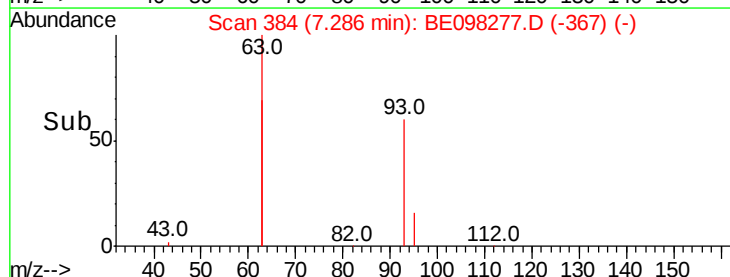
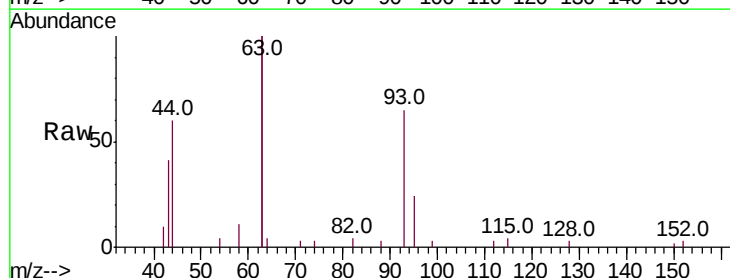
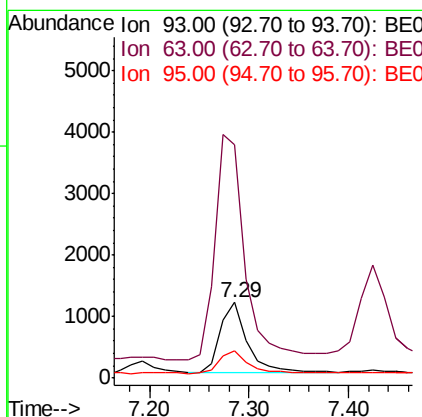
RT: 7.29 min Scan# 384

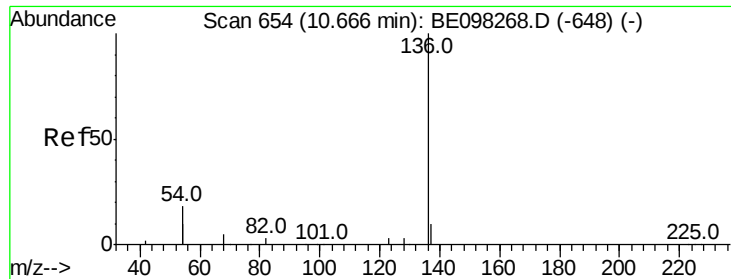
Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Tgt Ion:	93	Resp:	2174
Ion	Ratio	Lower	Upper
93	100		
63	354.9	264.4	396.6
95	37.2	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: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

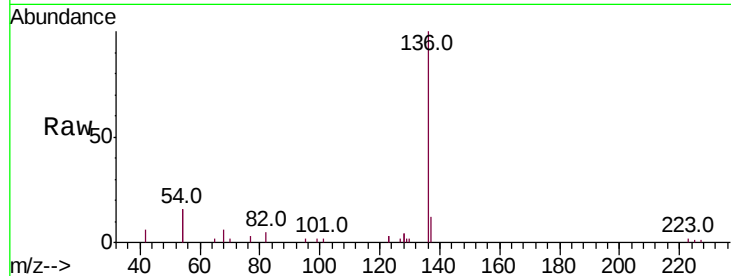
ClientSampleId :

EP2-MW-101MSD

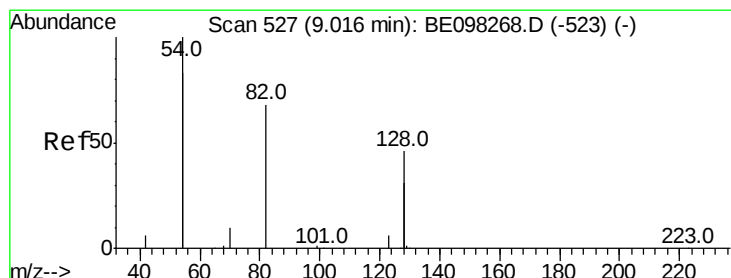
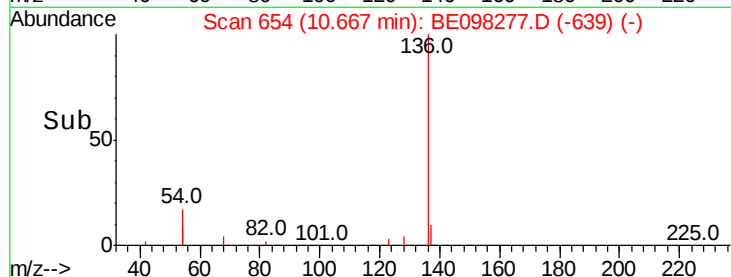
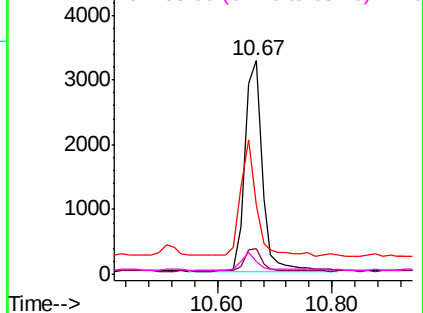
Tot Ion:	136	Resp:	6820
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.2	13.8
54	32.6	28.4	42.6
68	6.0	5.4	8.0

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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: 0.423 ng

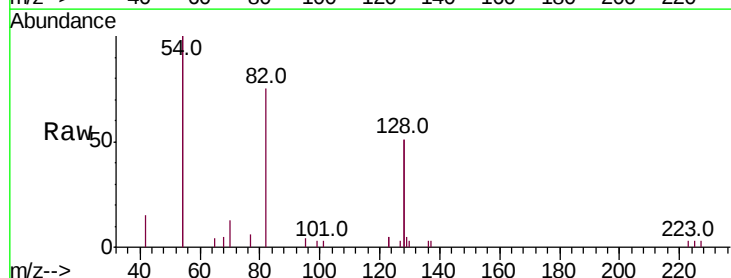
RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

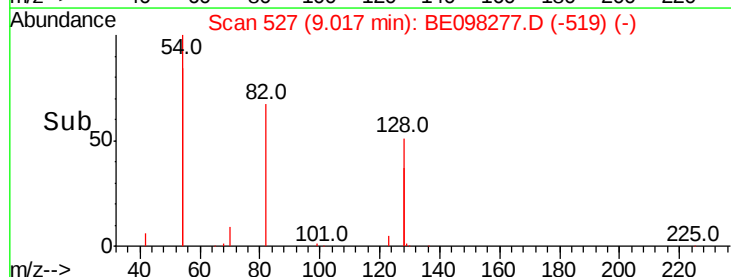
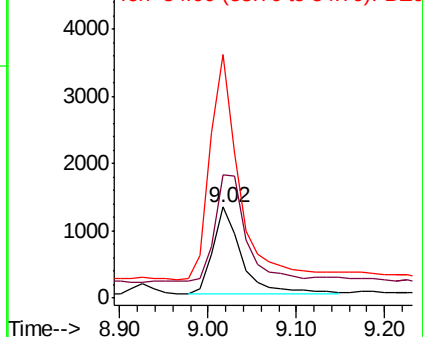
Lab File: BE098277.D

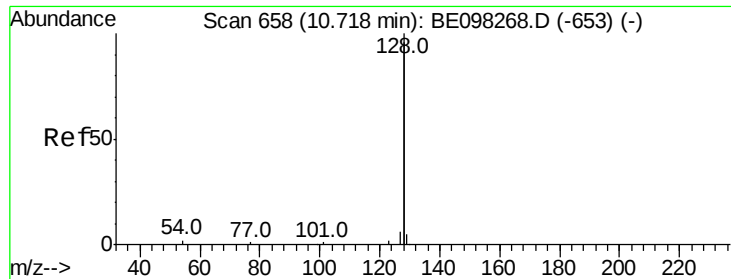
Acq: 29 Nov 2018 17:03

Tgt Ion:	82	Resp:	2919
Ion Ratio	Lower	Upper	
82	100		
128	135.1	102.4	153.6
54	267.1	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: 0.468 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

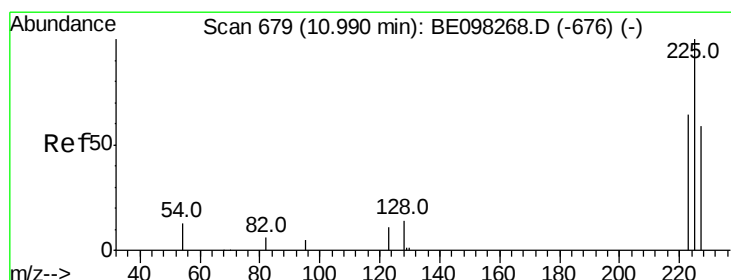
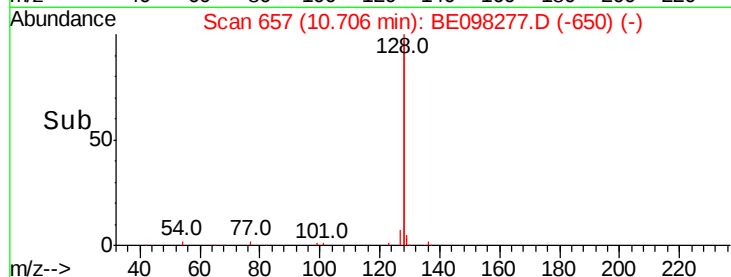
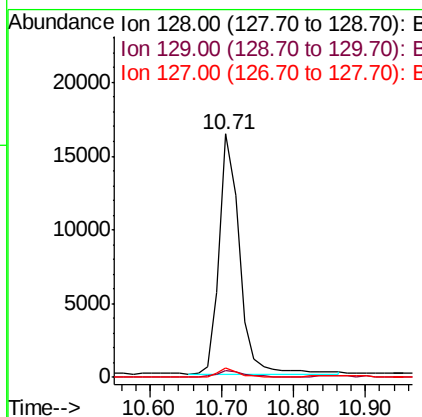
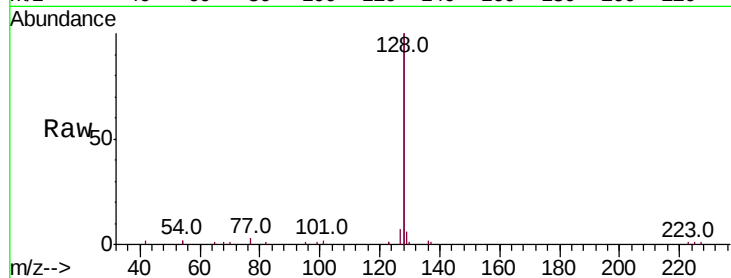
ClientSampleId :

EP2-MW-101MSD

Tot Ion:	128	Resp:	32041
Ion Ratio	Lower	Upper	
128	100		
129	2.9	2.5	3.7
127	3.7	2.7	4.1

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#10

Hexachlorobutadiene

Concen: 0.349 ng

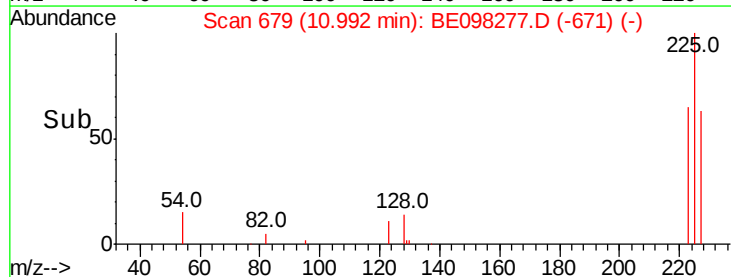
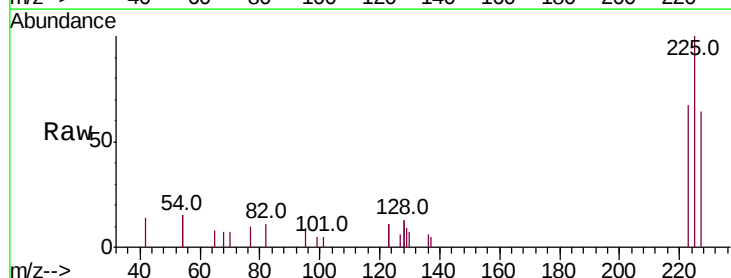
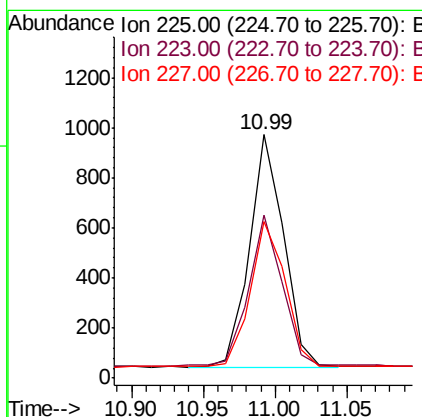
RT: 10.99 min Scan# 679

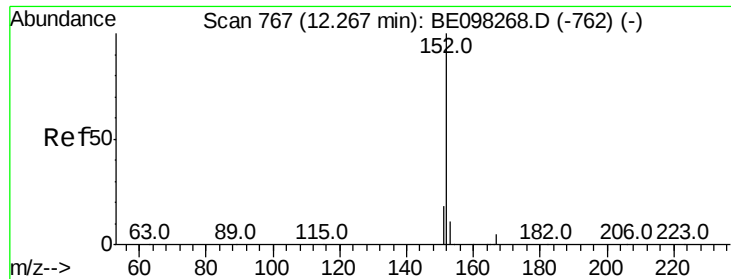
Delta R.T. 0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Tgt Ion:	225	Resp:	1533
Ion Ratio	Lower	Upper	
225	100		
223	63.9	49.4	74.0
227	64.1	52.0	78.0





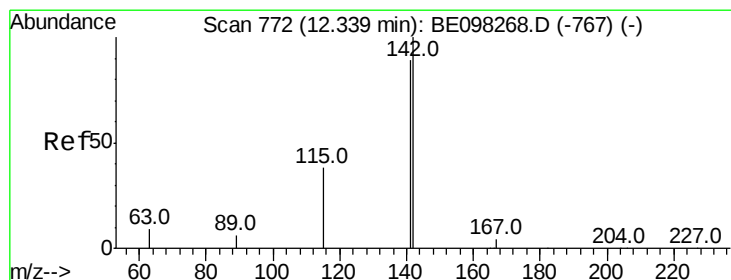
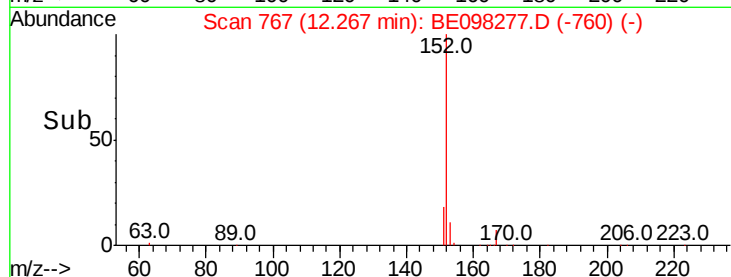
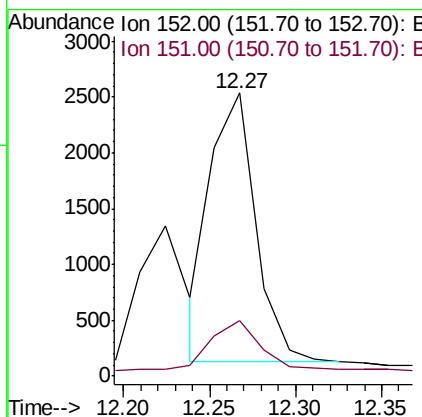
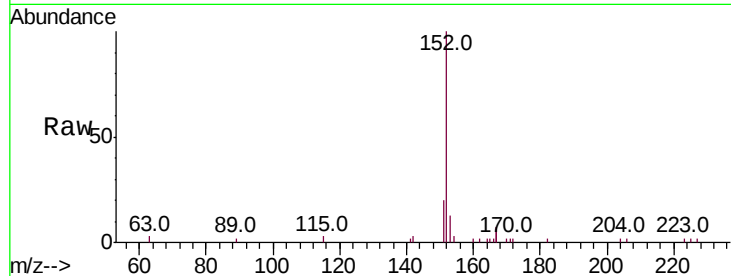
#11
 2-Methylnaphthalene-d10
 Concen: 0.401 ng/mL
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098277.D
 Acq: 29 Nov 2018 17:03

Instrument :
 BNA_E
 ClientSampleId :
 EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4

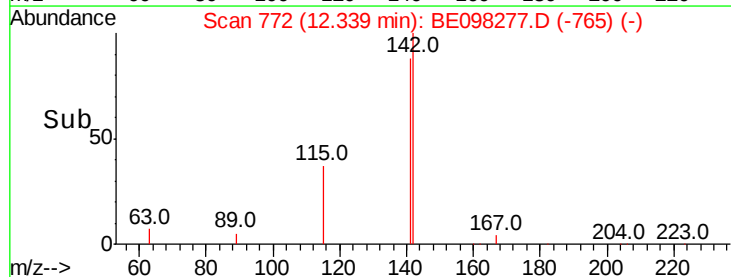
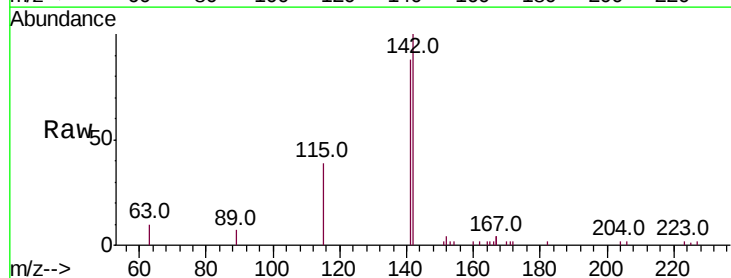
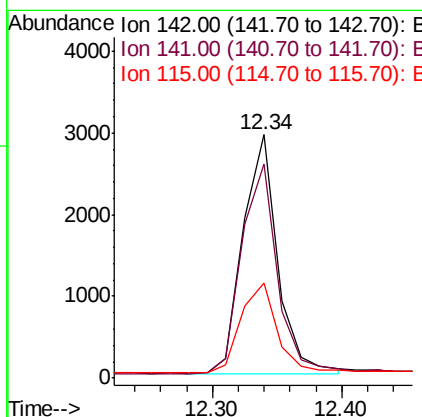
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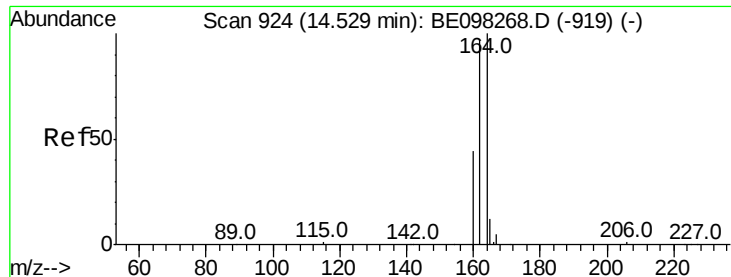
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#12
 2-Methylnaphthalene
 Concen: 0.475 ng/mL
 RT: 12.34 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BE098277.D
 Acq: 29 Nov 2018 17:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	39.0	32.2	48.2





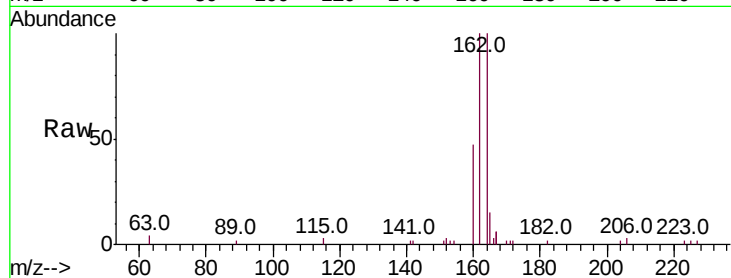
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	77.6	116.4
160	47.3	36.0	54.0

Manual Integrations
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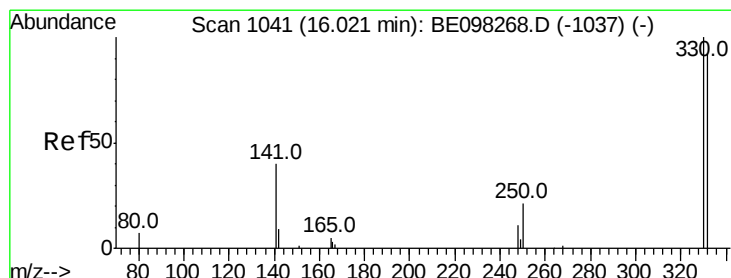
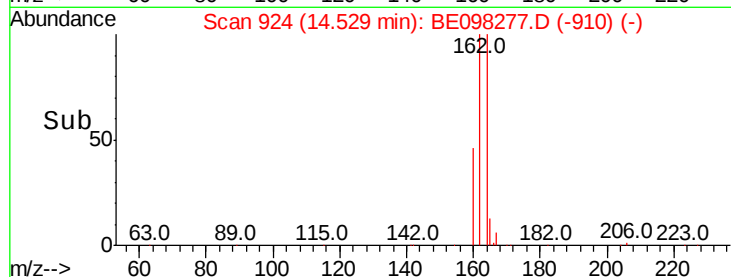
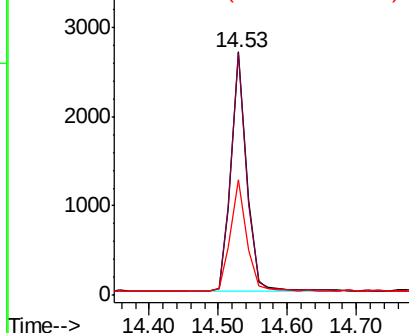


Abundance

Ion 164.00 (163.70 to 164.70): E

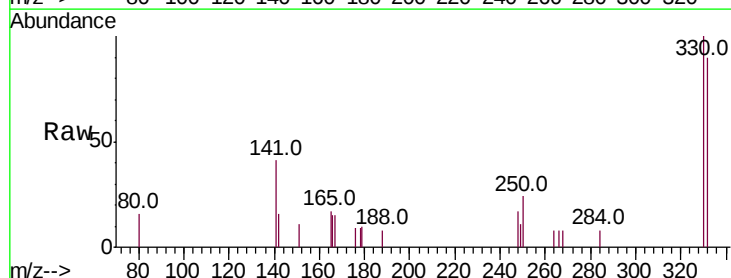
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.487 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	90.6	76.2	114.4
141	42.3	39.0	58.4

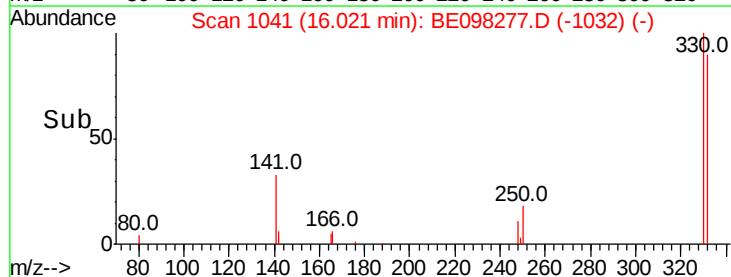
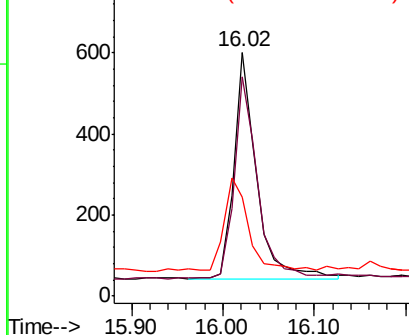


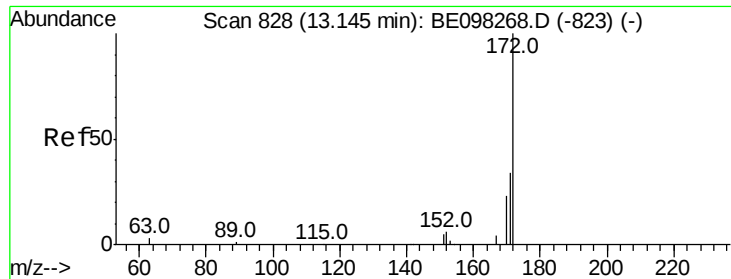
Abundance

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





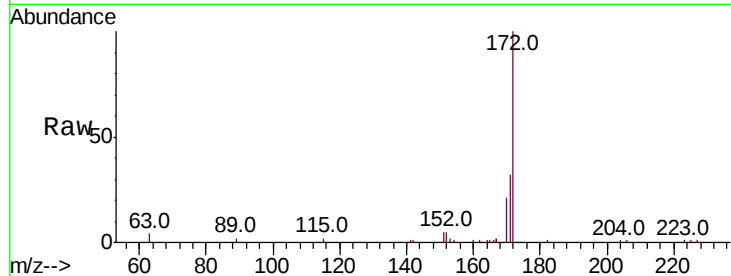
#15
2-Fluorobiphenyl
Concen: 0.568 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	32.0	27.5	41.3
170	21.4	19.6	29.4

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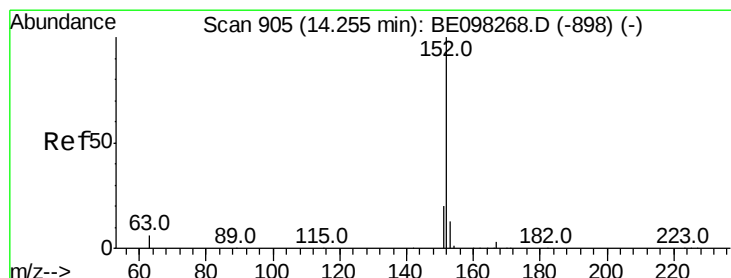
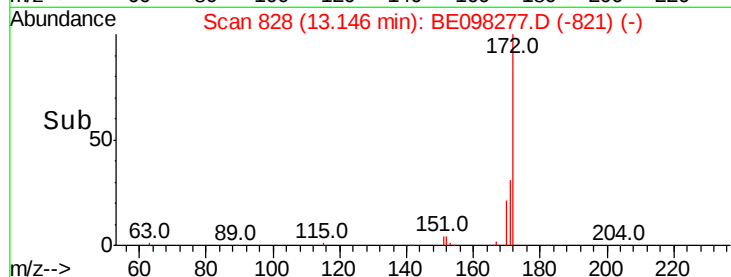
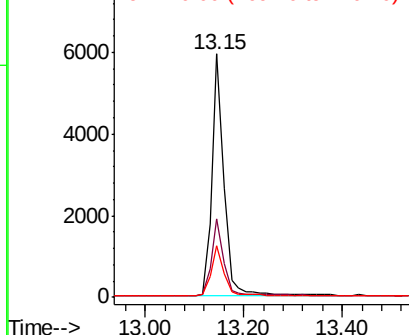


Abundance

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: 0.462 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.01 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

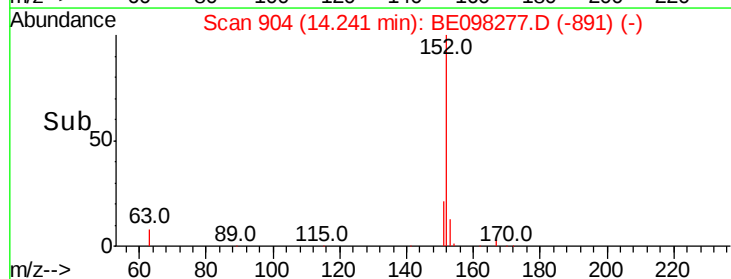
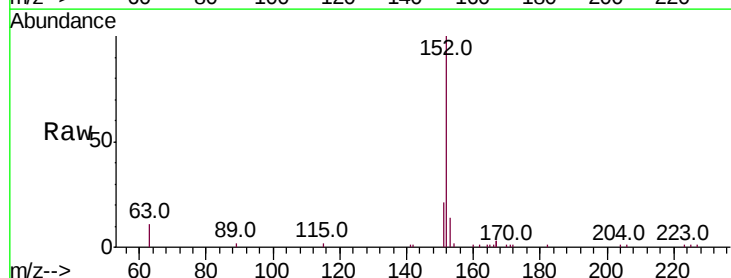
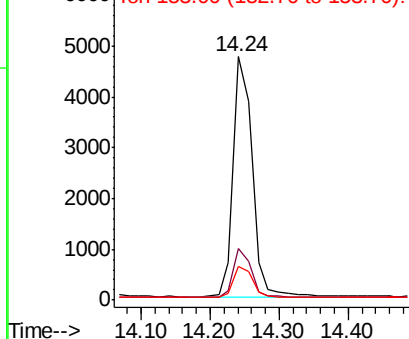
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.9	10.6	16.0

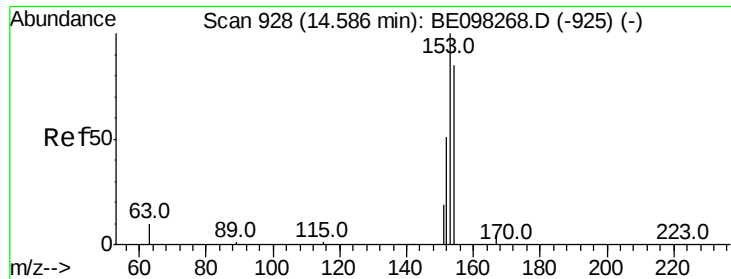
Abundance

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





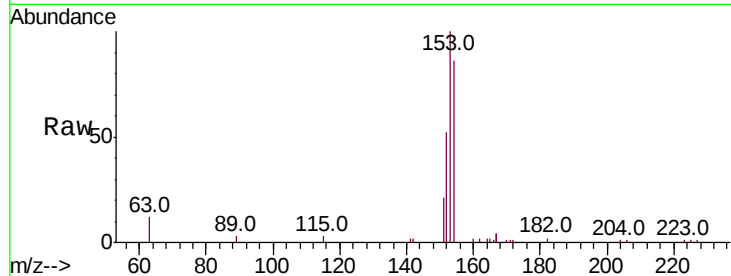
#17
Acenaphthene
Concen: 0.441 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.8	137.6
152	56.6	45.5	68.3

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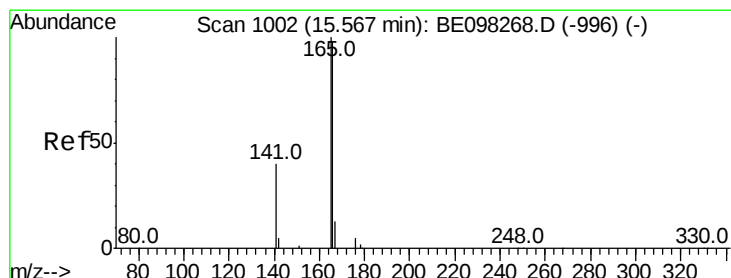
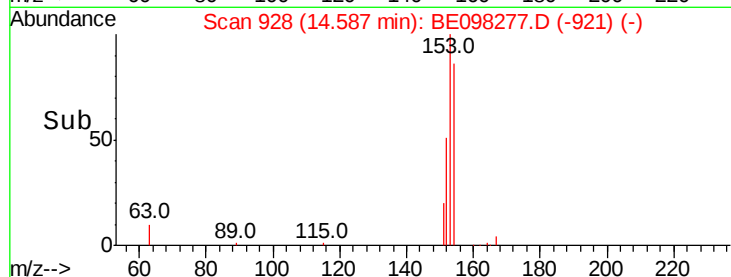
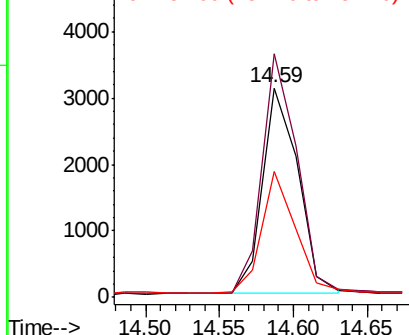


Abundance

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: 0.476 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

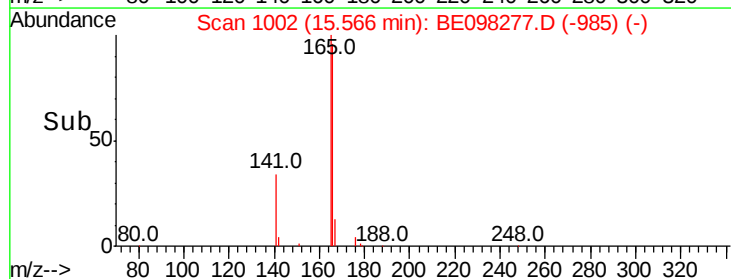
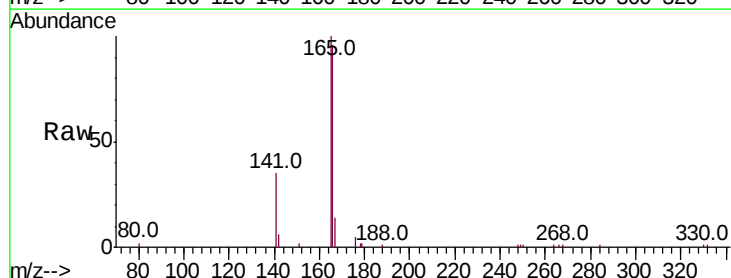
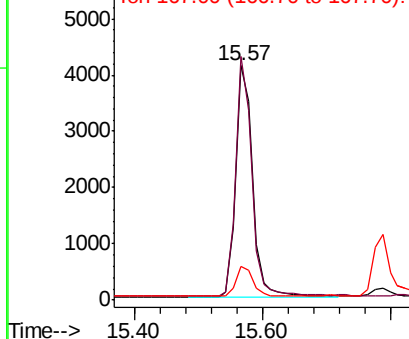
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.3	118.9
167	13.0	11.3	16.9

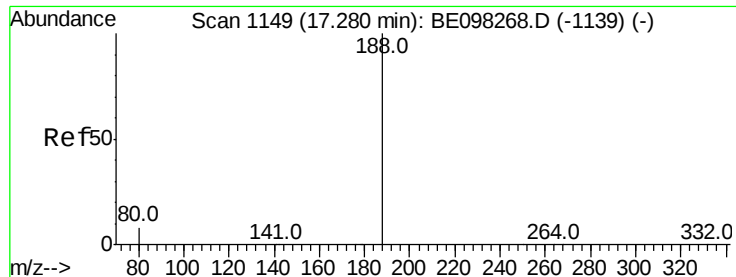
Abundance

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





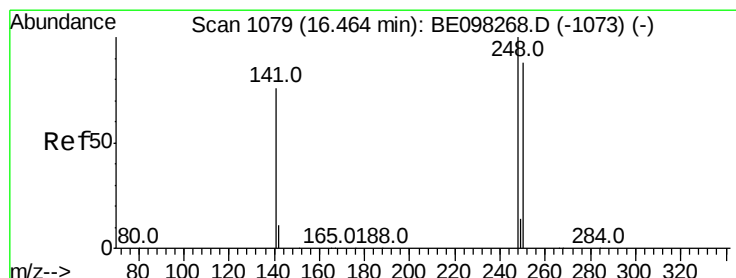
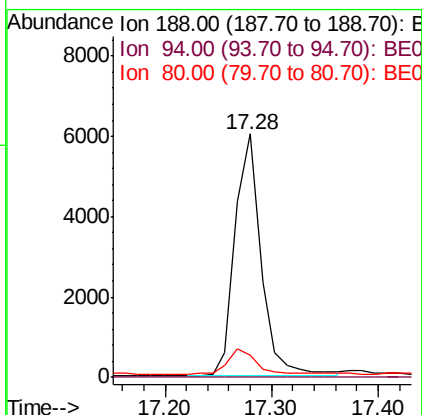
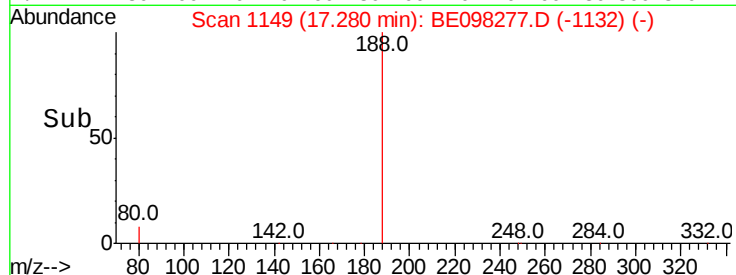
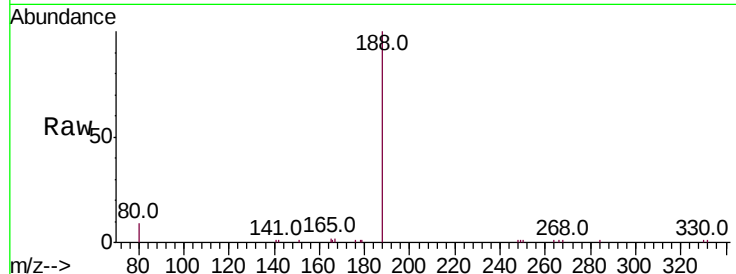
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	0.0	0.0	0.0	
80	9.0	7.2	10.8	

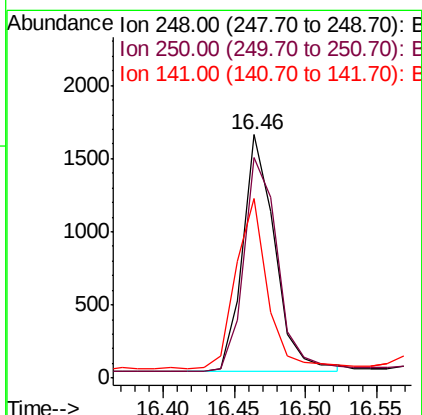
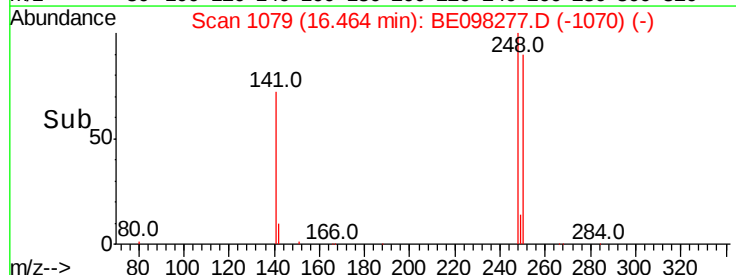
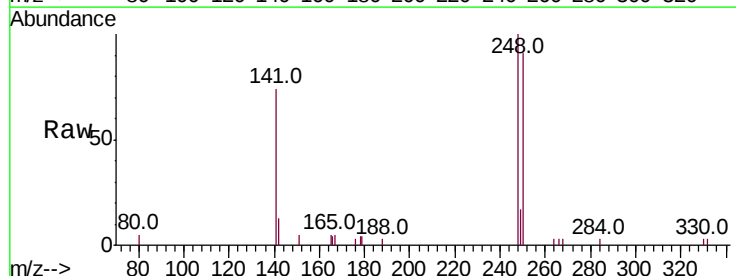
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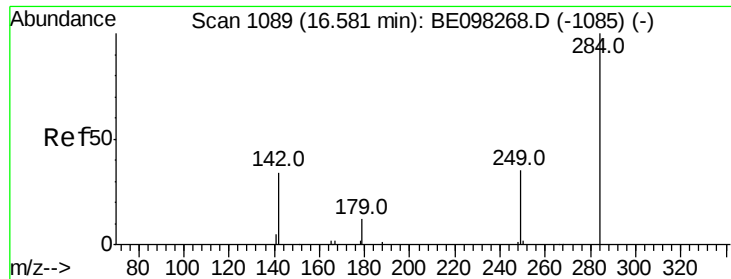
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#20
4-Bromophenyl-phenylether
Concen: 0.445 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	90.5	71.0	106.6	
141	73.9	62.1	93.1	





#21

Hexachlorobenzene

Concen: 0.418 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

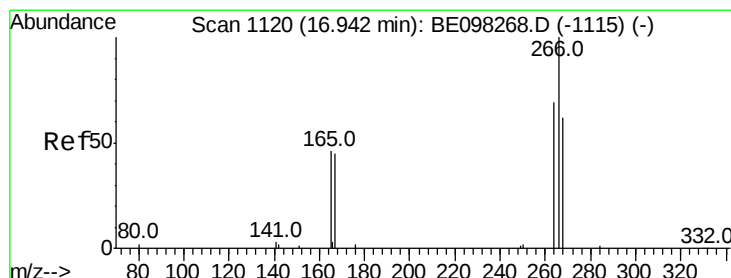
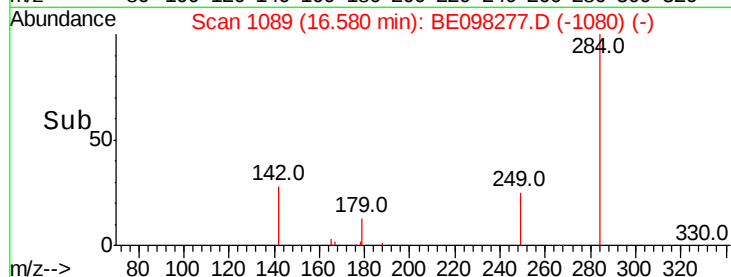
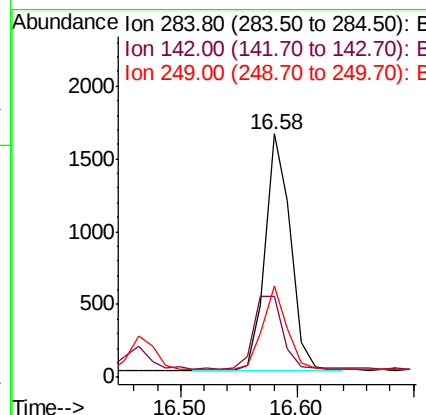
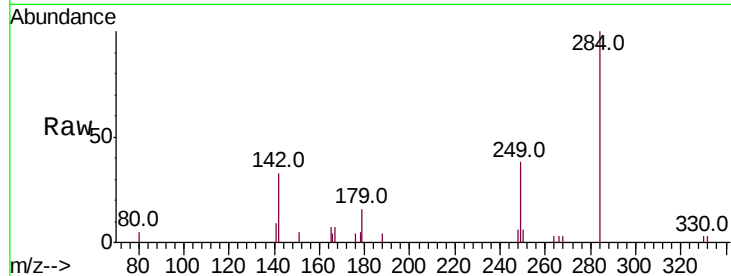
ClientSampleId :

EP2-MW-101MSD

Tot Ion:	284	Resp:	2466
Ion Ratio	Lower	Upper	
284	100		
142	36.2	26.3	39.5
249	33.3	26.0	39.0

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#22

Pentachlorophenol

Concen: 0.829 ng

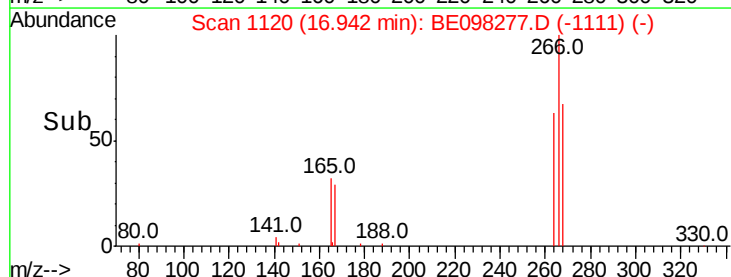
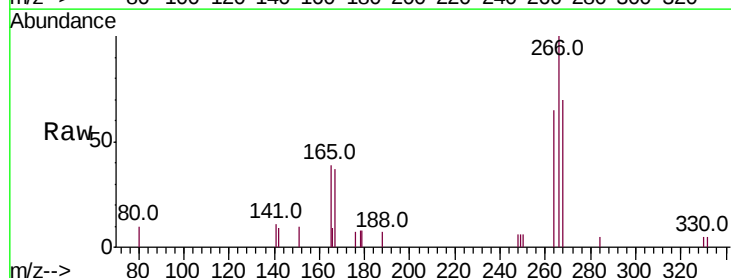
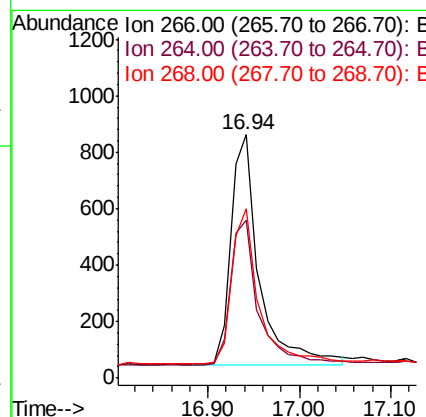
RT: 16.94 min Scan# 1120

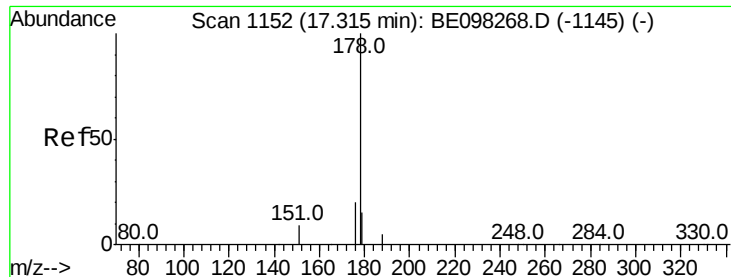
Delta R.T. 0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Tgt Ion:	266	Resp:	1743
Ion Ratio	Lower	Upper	
266	100		
264	64.7	59.0	88.4
268	69.7	55.1	82.7





#23

Phenanthrene

Concen: 0.490 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

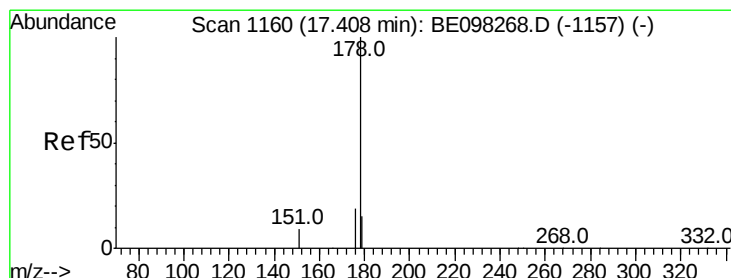
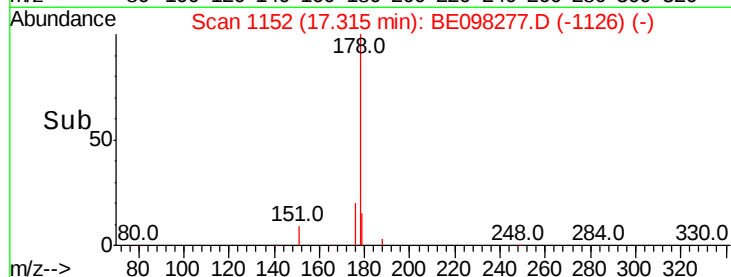
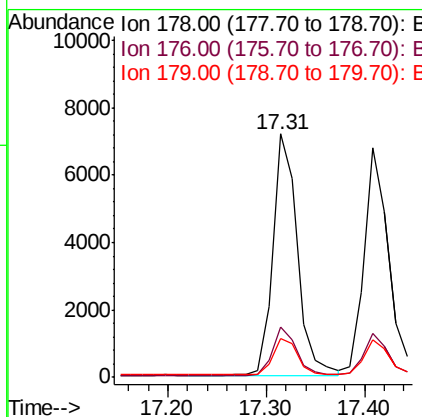
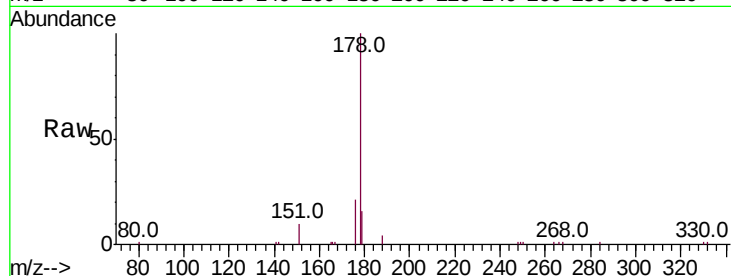
ClientSampleId :

EP2-MW-101MSD

Tot Ion:	178	Resp:	12265
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.9	23.9
179	15.6	12.3	18.5

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#24

Anthracene

Concen: 0.492 ng

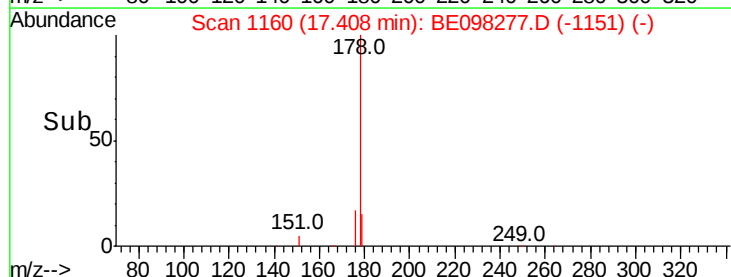
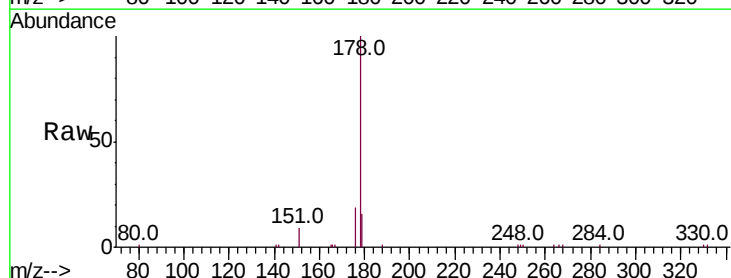
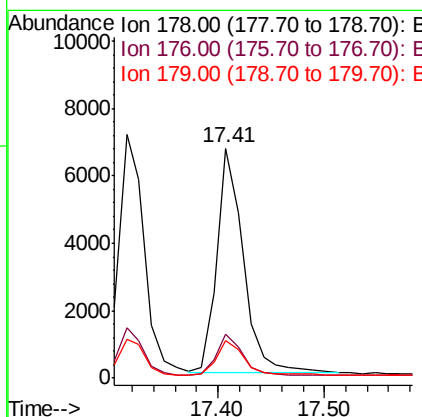
RT: 17.41 min Scan# 1160

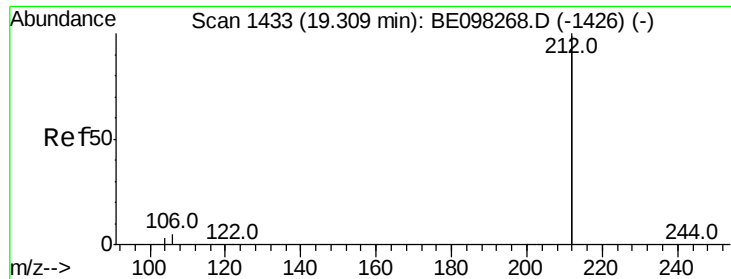
Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Tgt Ion:	178	Resp:	11475
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.0	22.4
179	15.5	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.448 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

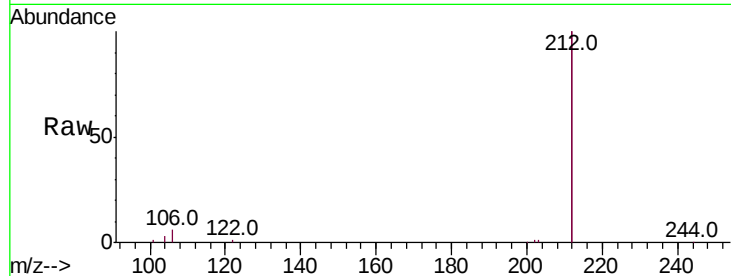
ClientSampleId :

EP2-MW-101MSD

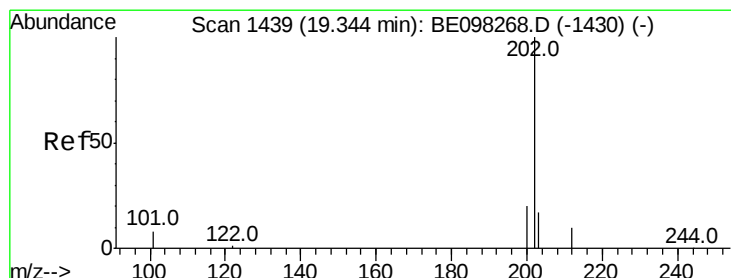
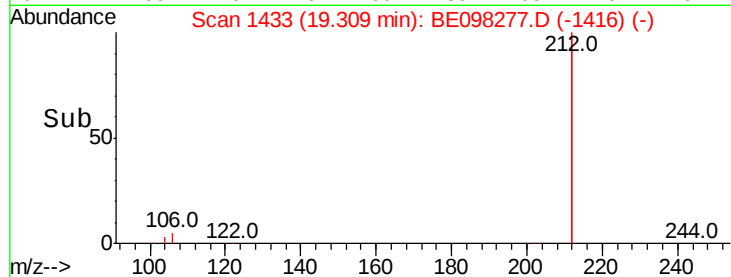
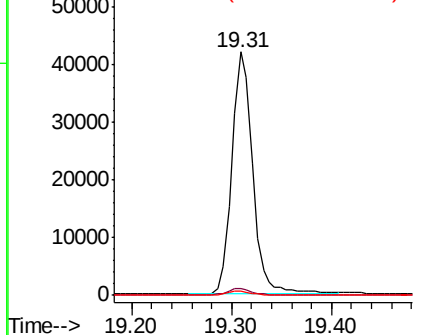
Tot Ion:	212	Resp:	60894
Ion Ratio	Lower	Upper	
212	100		
106	2.7	2.2	3.2
104	1.6	1.3	1.9

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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: 0.459 ng

RT: 19.34 min Scan# 1438

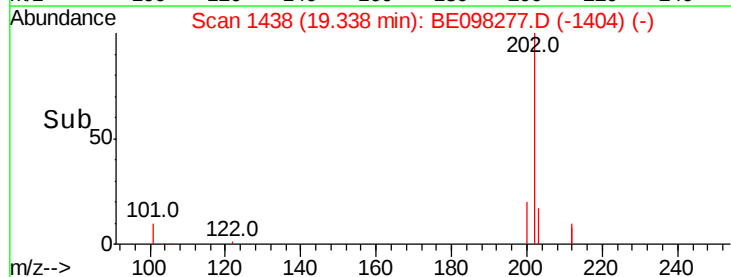
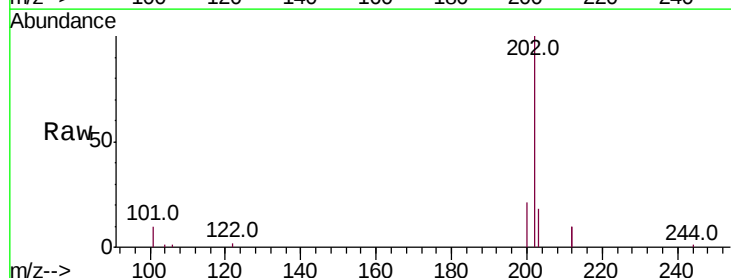
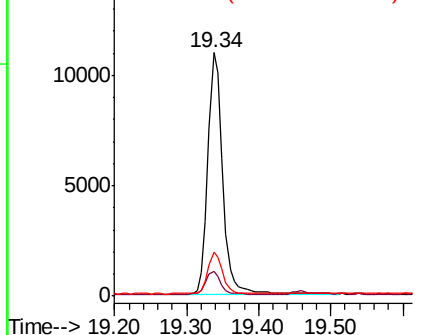
Delta R.T. -0.01 min

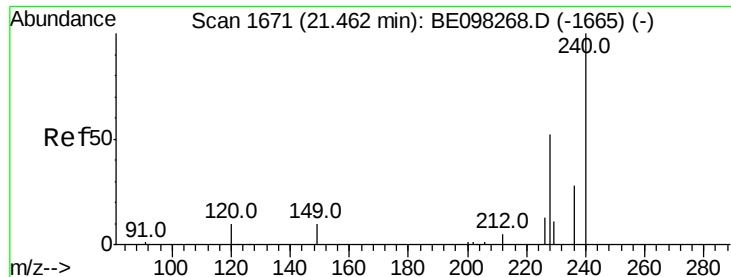
Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Tgt Ion:	202	Resp:	15692
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.0	12.0
203	16.8	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: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :

EP2-MW-101MSD

Tot Ion:240 Resp: 11019

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

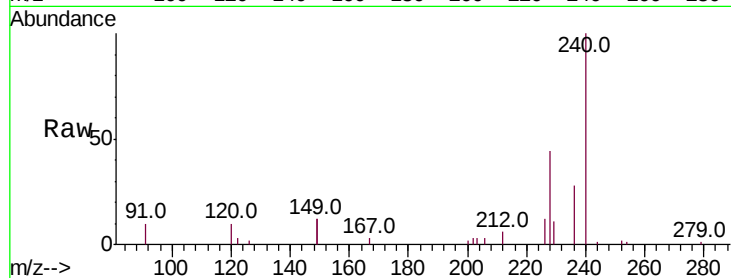
236 27.6 22.7 34.1

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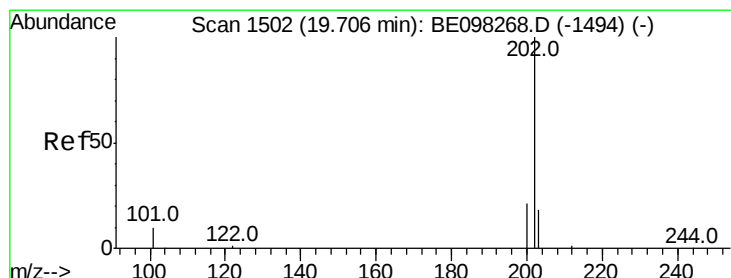
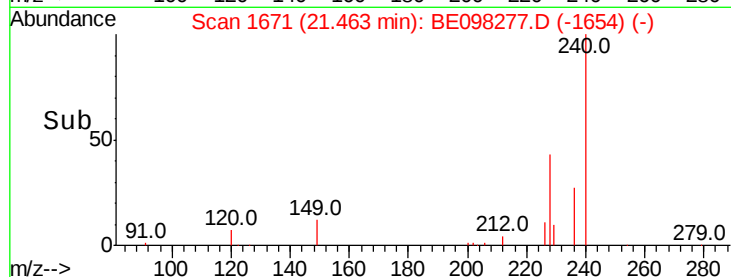
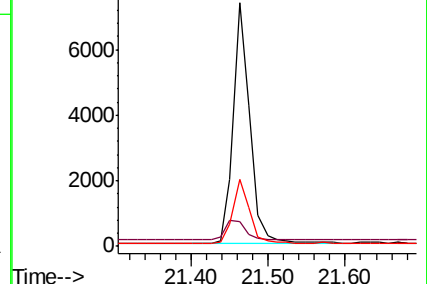
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.517 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

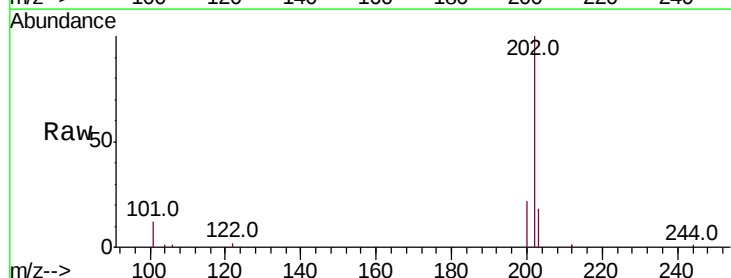
Tgt Ion:202 Resp: 15781

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

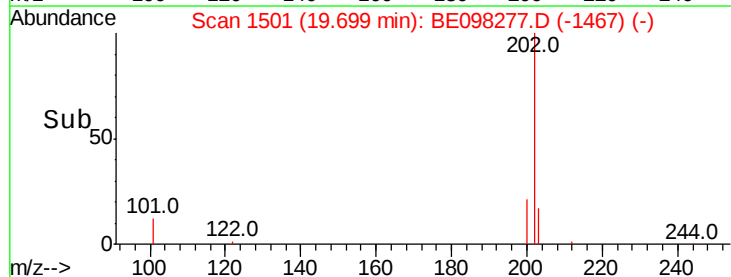
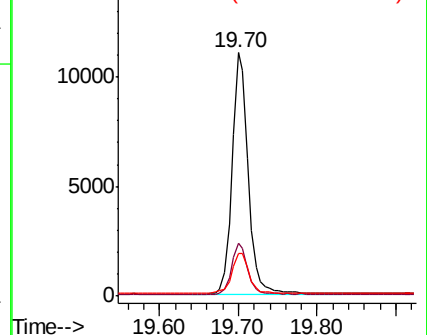
203 18.2 14.1 21.1

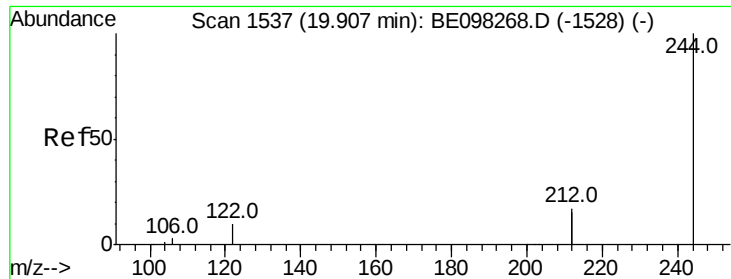


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.523 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

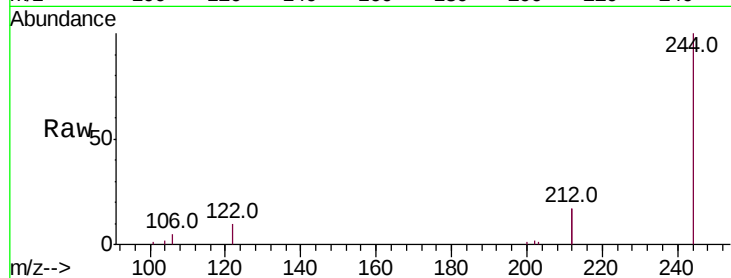
ClientSampleId :

EP2-MW-101MSD

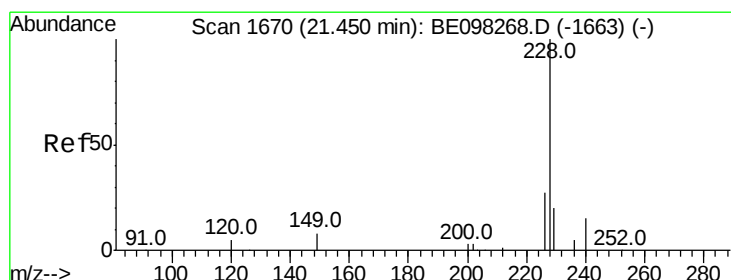
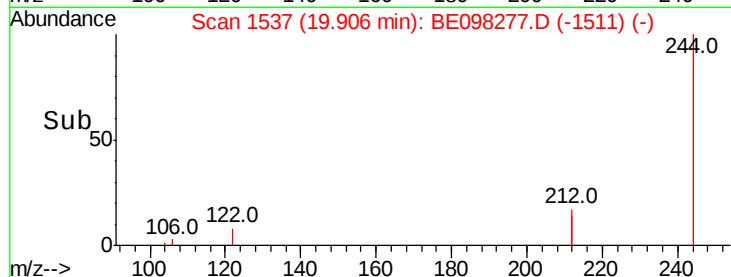
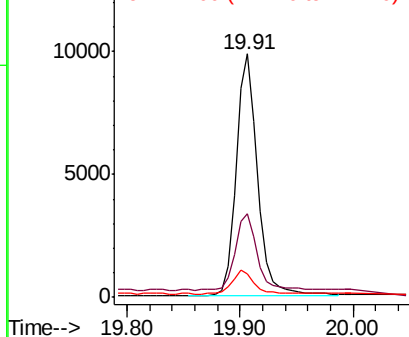
Tot Ion:	244	Resp:	12950
Ion Ratio	Lower	Upper	
244	100		
212	34.4	27.4	41.0
122	9.8	8.3	12.5

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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: 0.476 ng

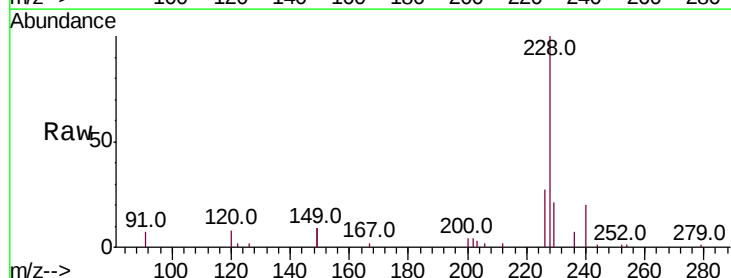
RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

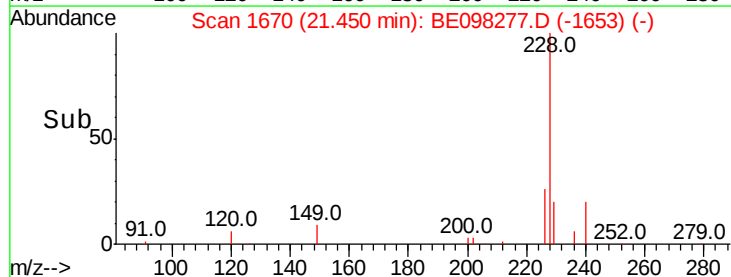
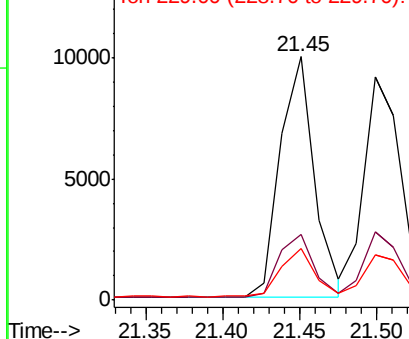
Lab File: BE098277.D

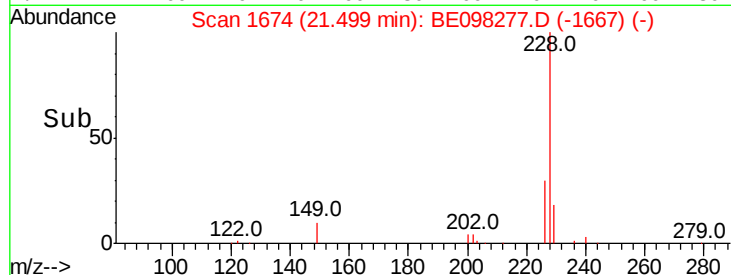
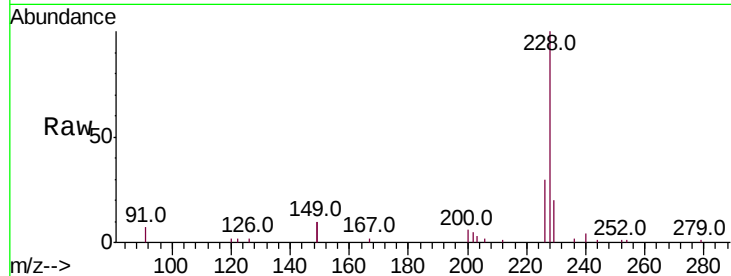
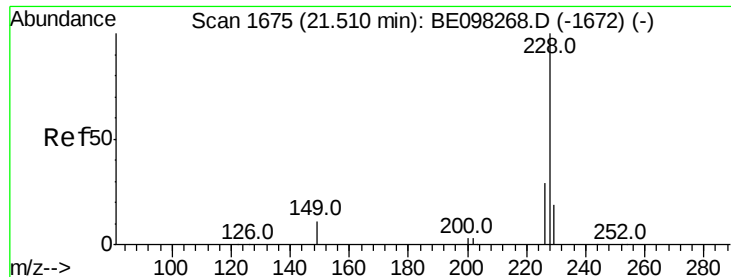
Acq: 29 Nov 2018 17:03

Tgt Ion:	228	Resp:	15439
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.8	32.8
229	21.1	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: 0.467 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

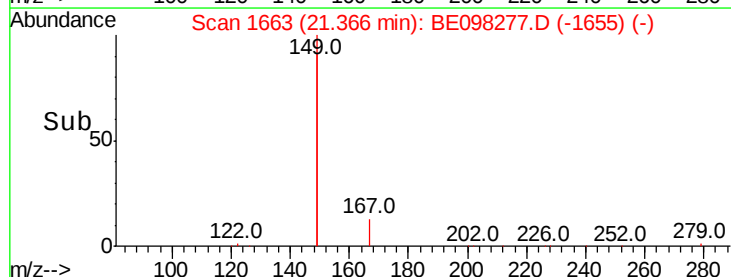
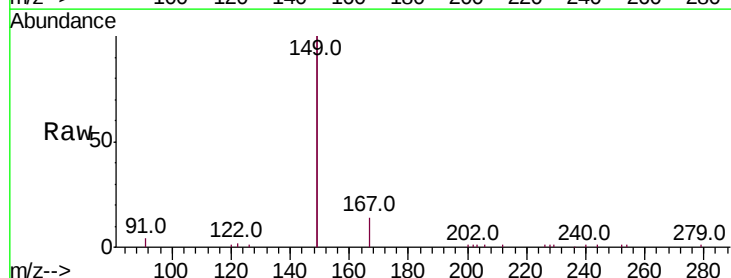
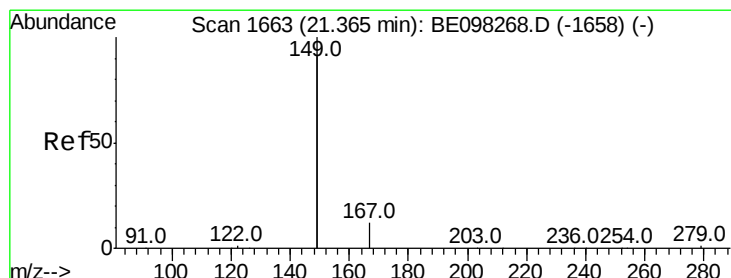
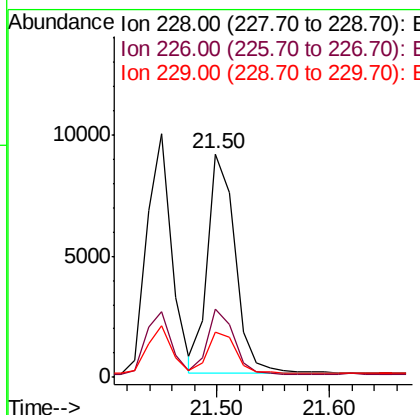
ClientSampleId :

EP2-MW-101MSD

Tot Ion:	228	Resp:	15400
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.4	35.0
229	20.0	16.2	24.4

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.503 ng

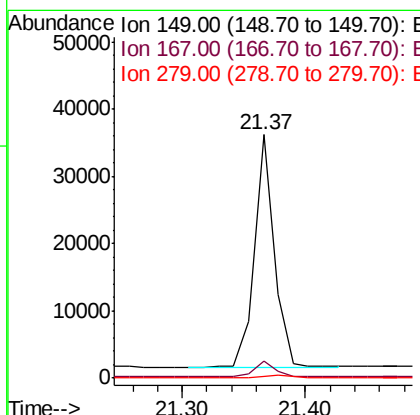
RT: 21.37 min Scan# 1663

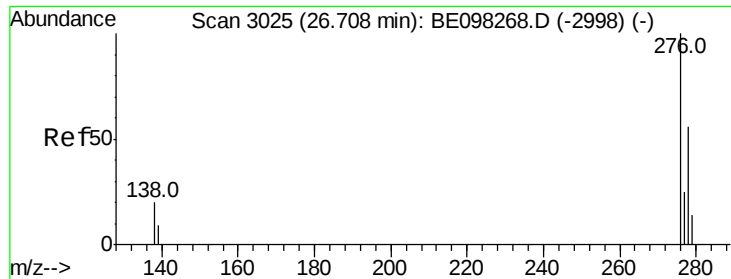
Delta R.T. 0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Tgt Ion:	149	Resp:	39064
Ion Ratio	Lower	Upper	
149	100		
167	7.1	5.7	8.5
279	1.1	1.0	1.4





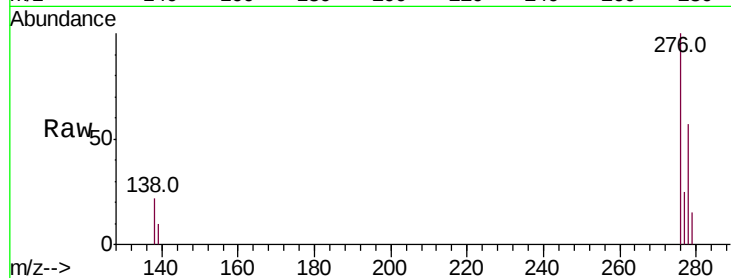
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.496 ng
 RT: 26.70 min Scan# 3024
 Delta R.T. -0.00 min
 Lab File: BE098277.D
 Acq: 29 Nov 2018 17:03

Instrument :
 BNA_E
 ClientSampleId :
 EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.3	24.5
277	25.0	20.2	30.4

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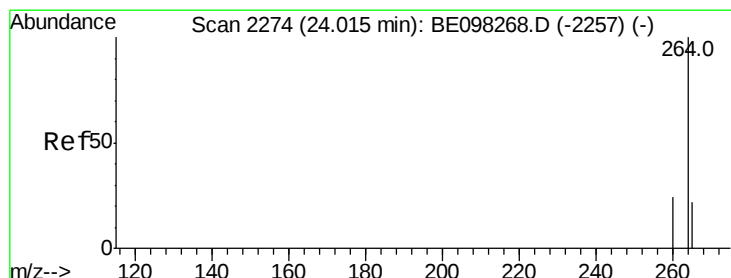
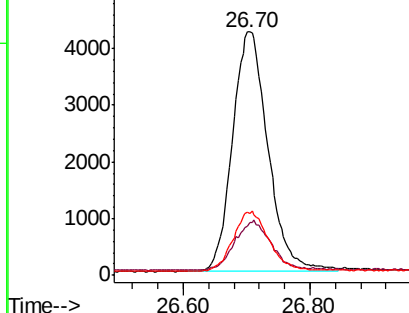
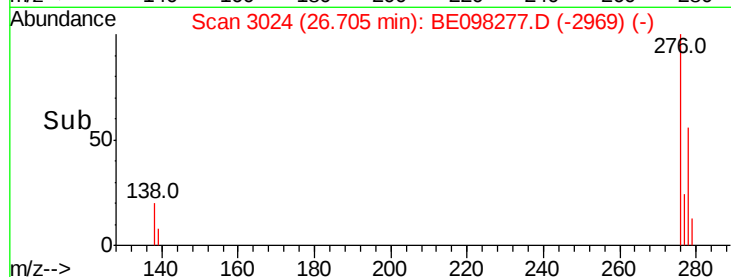


Abundance

Ion 276.00 (275.70 to 276.70): E

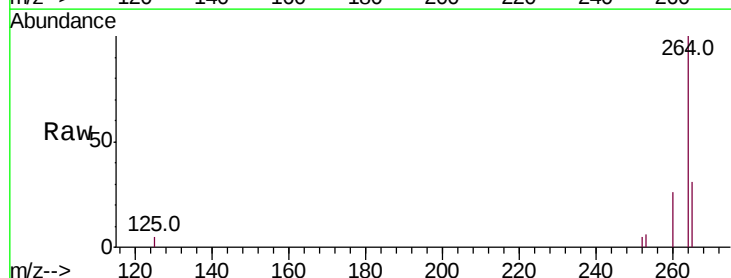
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BE098277.D
 Acq: 29 Nov 2018 17:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.2	30.2
265	30.9	25.2	37.8

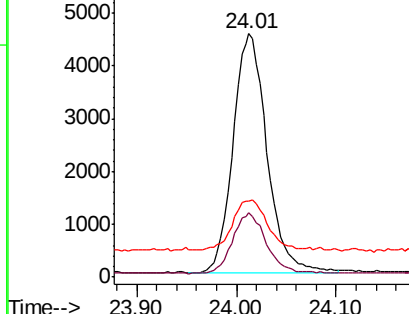
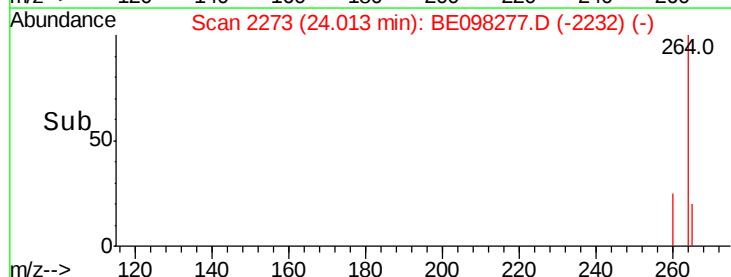


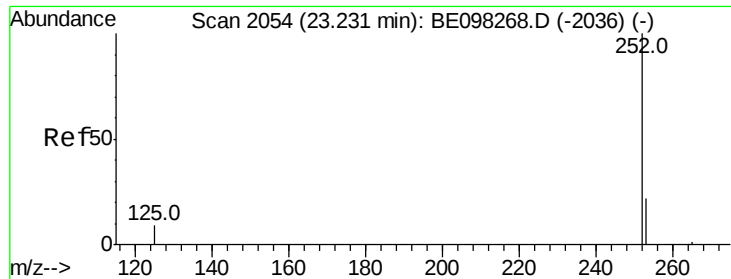
Abundance

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: 0.493 ng m

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :

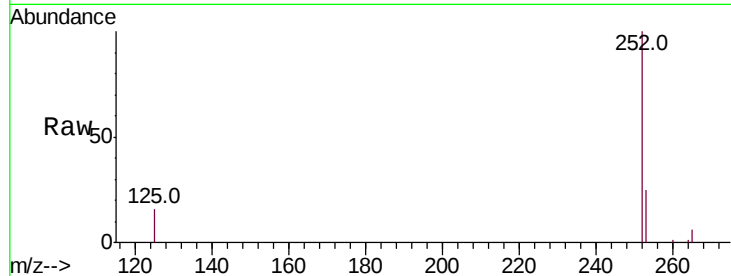
EP2-MW-101MSD

Tot Ion:252 Resp: 15397

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.0	30.0
125	15.9	9.6	14.4

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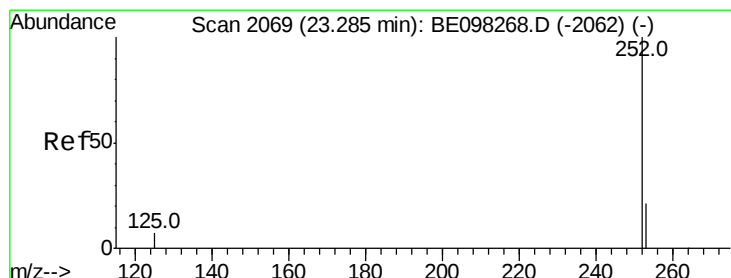
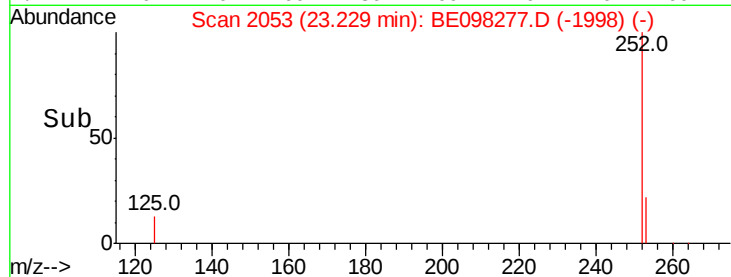
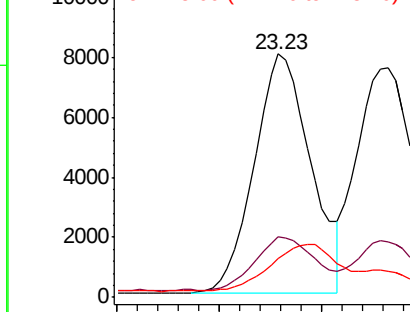
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.463 ng

RT: 23.28 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

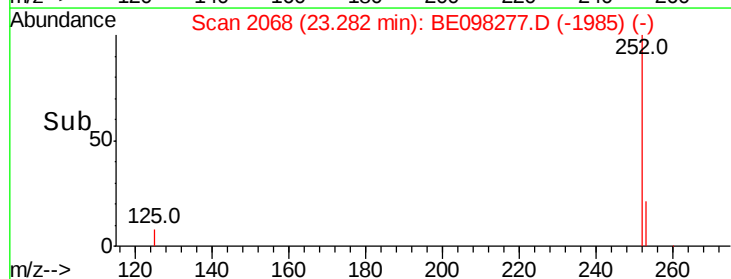
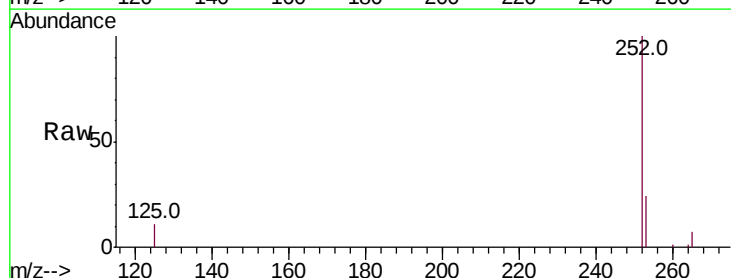
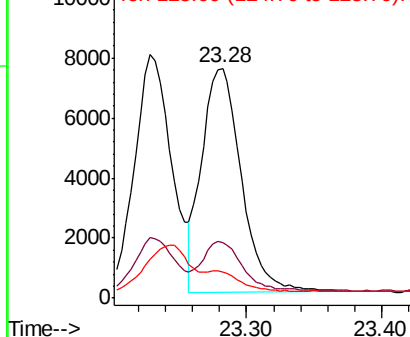
Tgt Ion:252 Resp: 15186

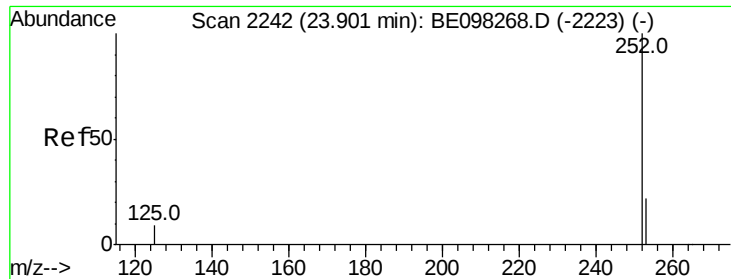
Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.6
125	11.1	9.1	13.7

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





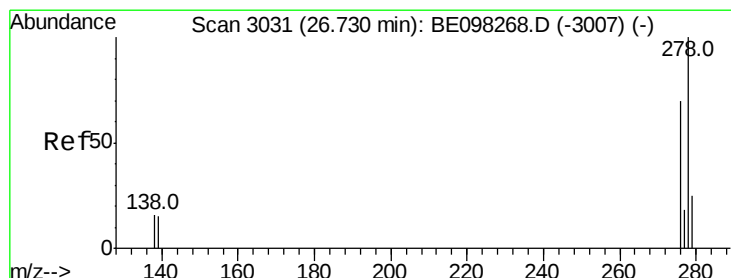
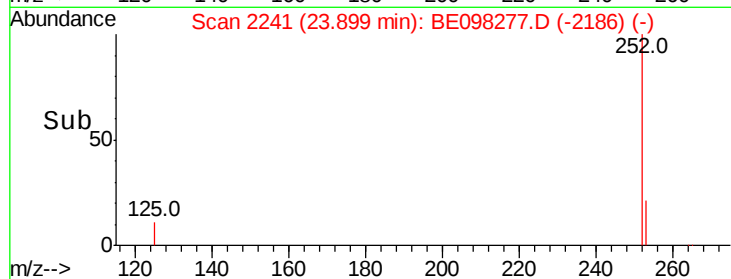
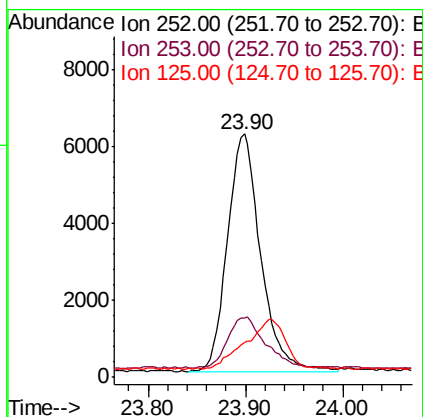
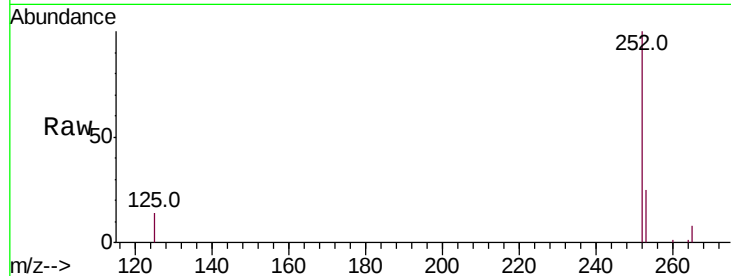
#37
Benzo(a)pyrene
Concen: 0.490 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.6	30.8
125	14.2	10.5	15.7

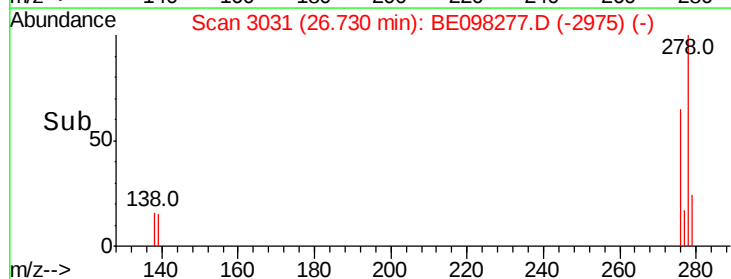
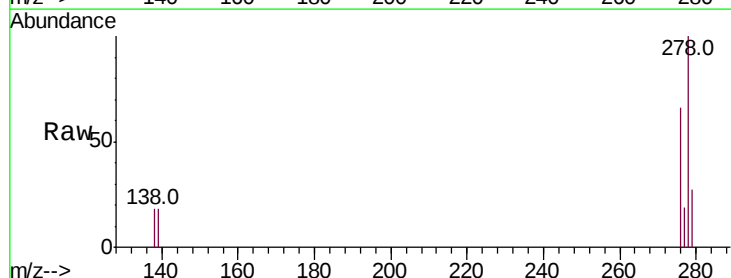
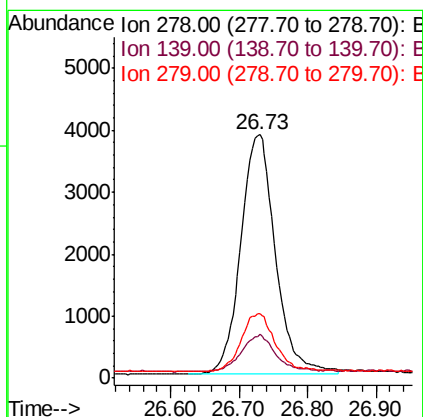
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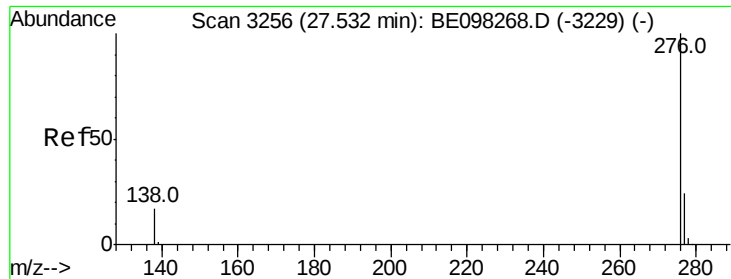
mohammad
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#38
Dibenzo(a,h)anthracene
Concen: 0.480 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.5	21.7
279	26.7	21.8	32.8





#39

Benzo(a,h,i)perylene

Concen: 0.486 ng

RT: 27.53 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BE098277.D

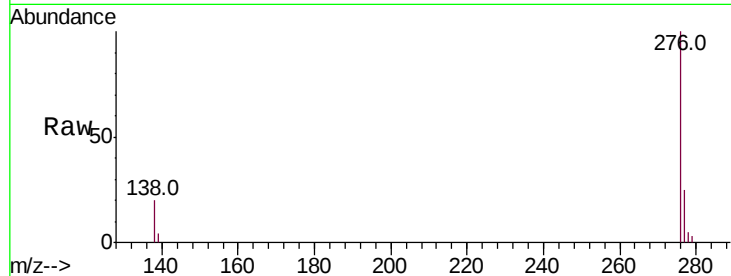
Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :

EP2-MW-101MSD



Tot Ion:	276	Resp:	13900
Ion Ratio	Lower	Upper	
276	100		
277	25.0	20.8	31.2
138	19.7	15.8	23.6

Manual Integrations
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