

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022019\
 Data File : BE098742.D
 Acq On : 20 Feb 2019 15:35
 Operator : JU/SJ
 Sample : K1528-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Manual Integrations
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Quant Time: Feb 20 18:03:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 24 14:44:44 2019
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	1181	0.40	ng	0.00
7) Naphthalene-d8	10.601	136	4837	0.40	ng	# 0.00
13) Acenaphthene-d10	14.471	164	2986	0.40	ng	0.00
19) Phenanthrene-d10	17.215	188	6438	0.40	ng	#-0.01
27) Chrysene-d12	21.402	240	7644	0.40	ng	#-0.01
34) Perylene-d12	23.919	264	7225	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.398	112	752	0.22	ng	0.00
5) Phenol-d6	6.987	99	290m	0.06	ng	-0.01
8) Nitrobenzene-d5	8.964	82	1941	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.194	152	3127	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	15.970	330	677	0.51	ng	-0.01
15) 2-Fluorobiphenyl	13.088	172	4734	0.37	ng	-0.02
25) Fluoranthene-d10	19.254	212	35795	0.39	ng	0.00
29) Terphenyl-d14	19.851	244	6608	0.35	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.640	128	429380	7.75	ng	# 94
12) 2-Methylnaphthalene	12.281	142	576763	62.66	ng	99
16) Acenaphthylene	14.197	152	1929	0.13	ng	# 38
17) Acenaphthene	14.528	154	1960	0.22	ng	# 75
18) Fluorene	15.515	166	5042	0.41	ng	# 96
23) Phenanthrene	17.255	178	5588	0.32	ng	# 93
24) Anthracene	17.349	178	965	0.12	ng	# 90
26) Fluoranthene	19.283	202	1543	0.07	ng	# 78
28) Pyrene	19.645	202	1784	0.07	ng	# 91
30) Benzo(a)anthracene	21.390	228	945	0.04	ng	# 3
32) Bis(2-ethylhexyl)phtha...	21.317	149	20574	0.48	ng	99
33) Indeno(1,2,3-cd)pyrene	26.559	276	1232	0.05	ng	96
39) Benzo(g,h,i)perylene	27.369	276	1597	0.07	ng	# 59

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

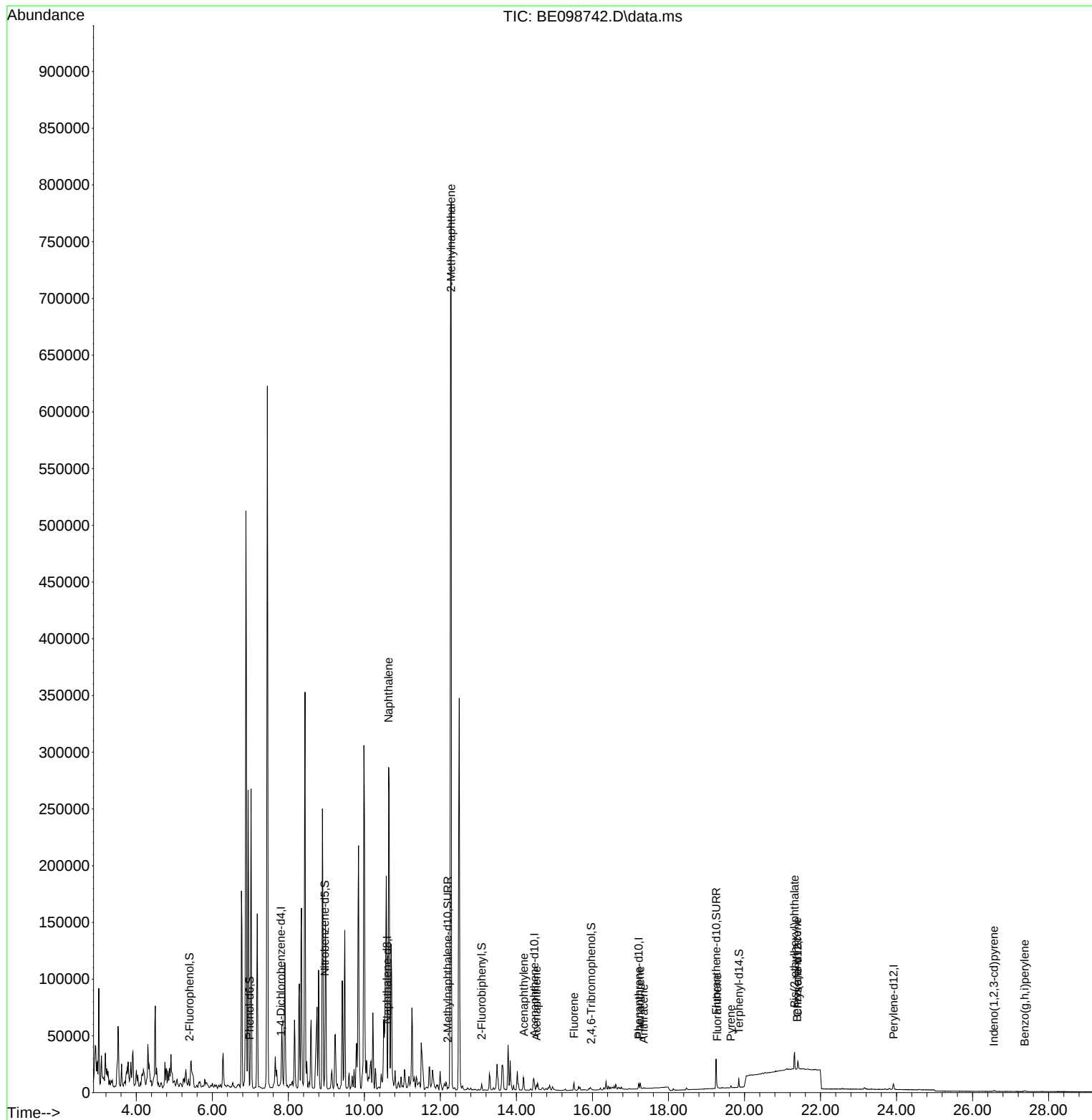
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022019\
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ALS Vial : 9 Sample Multiplier: 1

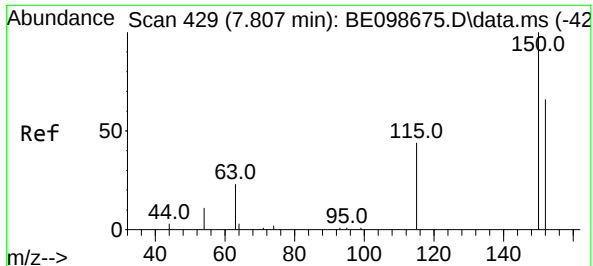
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.805 min Scan# 429
 Delta R.T. -0.002 min
 Lab File: BE098742.D
 Acq: 20 Feb 2019 15:35

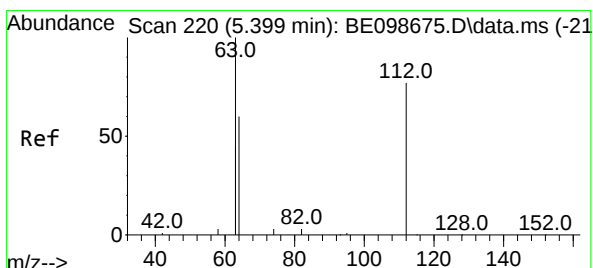
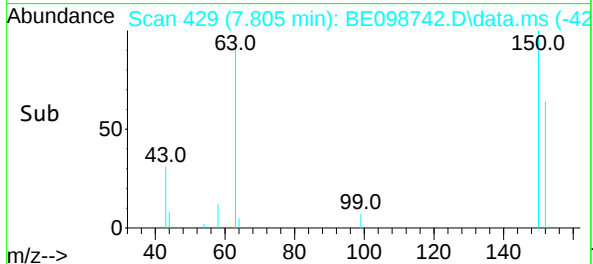
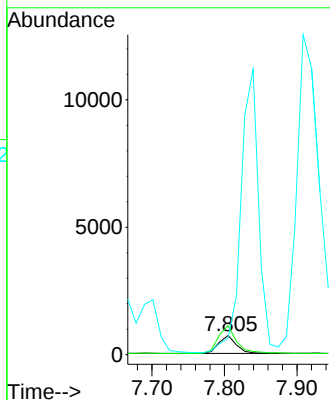
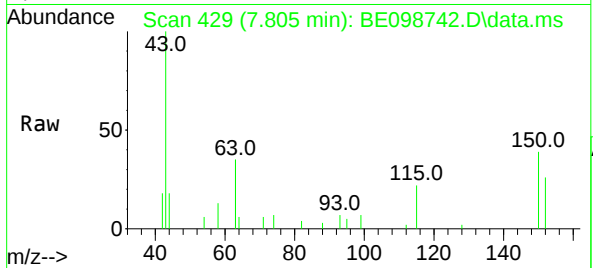
Instrument :
 BNA_E
 ClientSampled :
 MW-2

Tgt Ion:152 Resp: 1181

Ion	Ratio	Lower	Upper
152	100		
150	151.9	121.4	182.2
115	85.5	59.1	88.7

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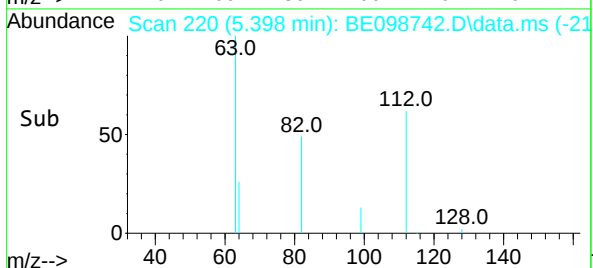
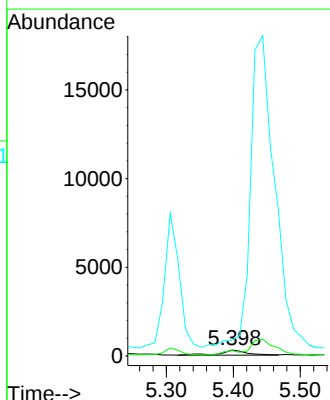
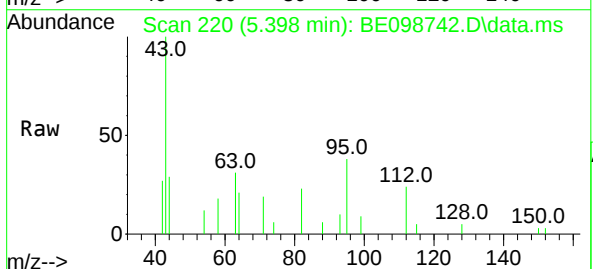
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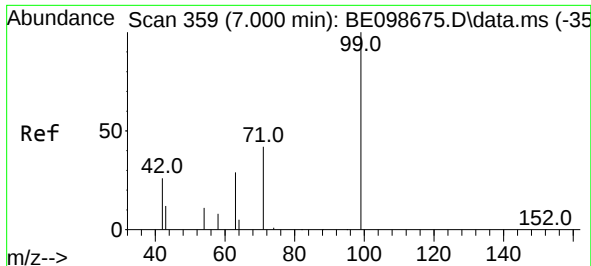


#4
 2-Fluorophenol
 Concen: 0.22 ng
 RT: 5.398 min Scan# 220
 Delta R.T. -0.001 min
 Lab File: BE098742.D
 Acq: 20 Feb 2019 15:35

Tgt Ion:112 Resp: 752

Ion	Ratio	Lower	Upper
112	100		
64	0.0	62.9	94.3#
63	0.0	152.2	228.4#





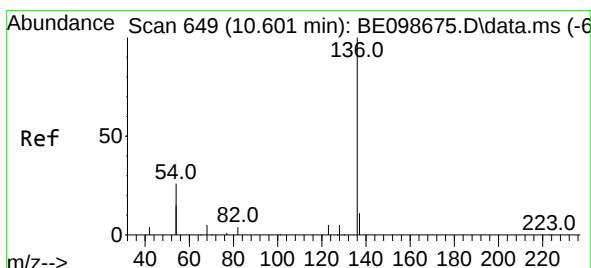
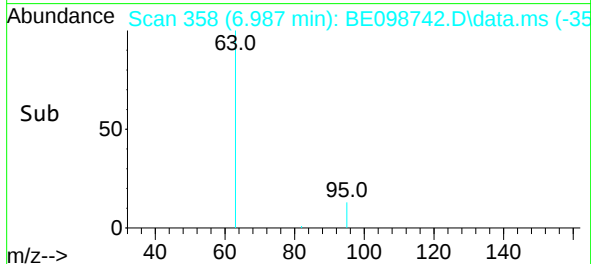
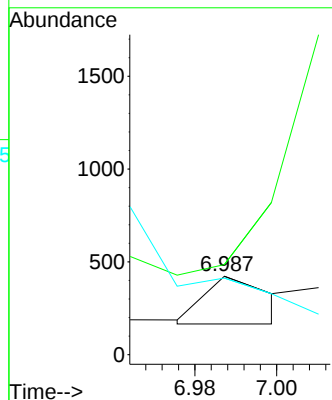
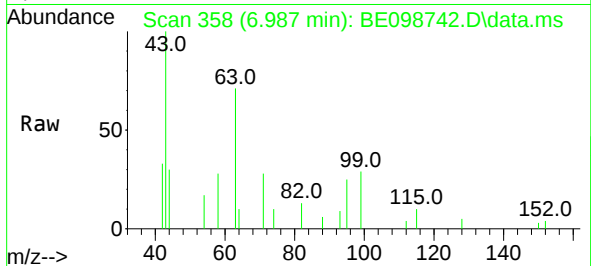
#5
Phenol-d6
Concen: 0.06 ng m
RT: 6.987 min Scan# 358
Delta R.T. -0.013 min
Lab File: BE098742.D
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Tgt Ion: 99 Resp: 290
Ion Ratio Lower Upper
99 100
42 0.0 24.6 37.0#
71 0.0 35.1 52.7#

Instrument :
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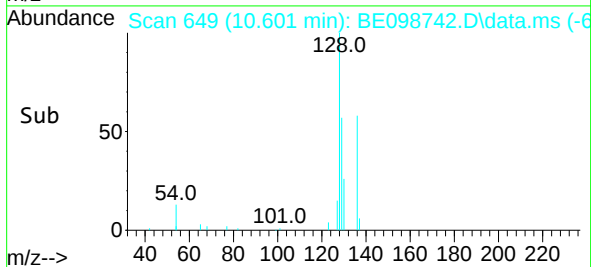
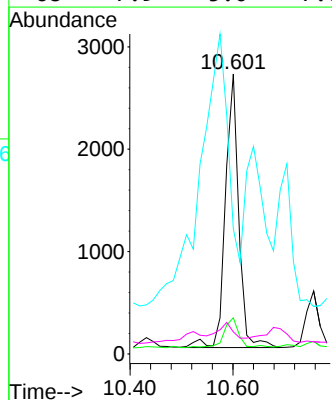
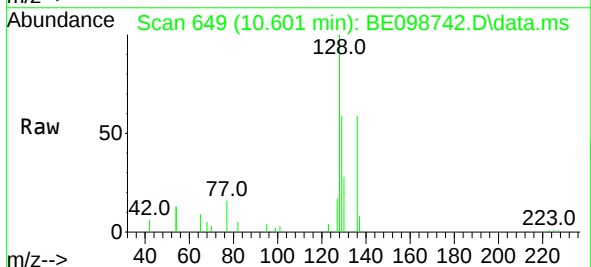
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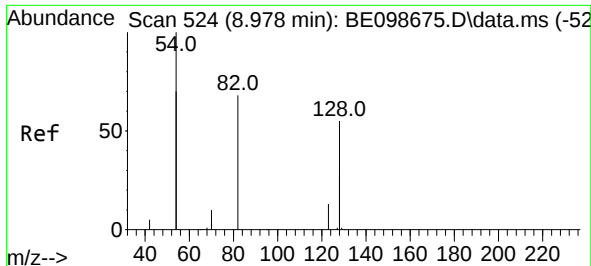
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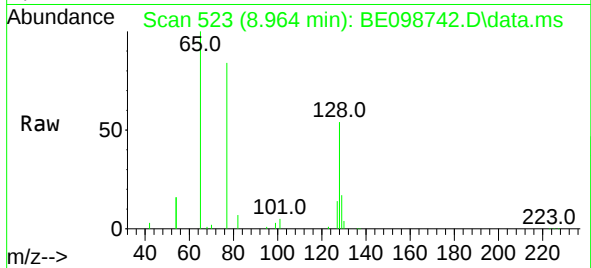
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.601 min Scan# 649
Delta R.T. -0.000 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35

Tgt Ion: 136 Resp: 4837
Ion Ratio Lower Upper
136 100
137 12.9 9.7 14.5
54 44.7 35.5 53.3
68 7.9 5.0 7.6#

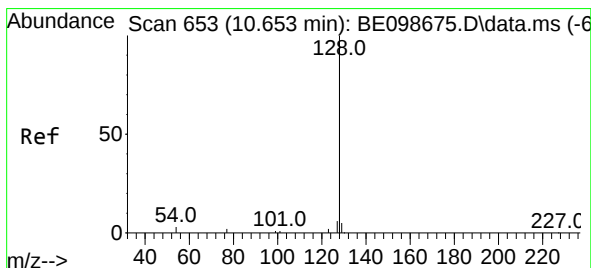
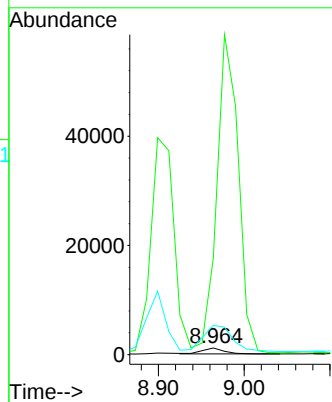
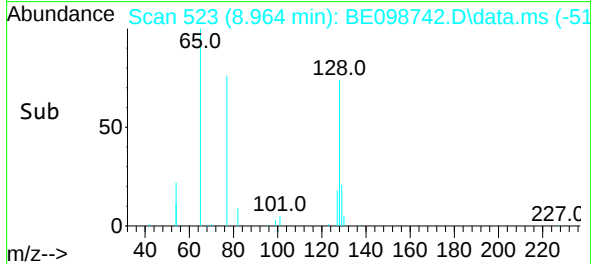




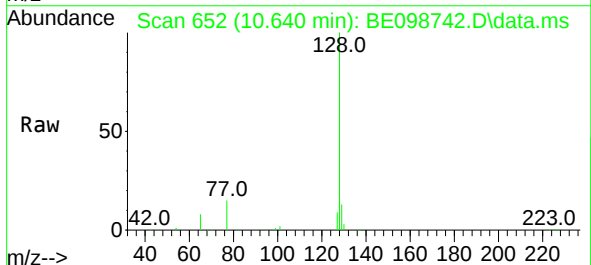
#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.964 min Scan# 523
Delta R.T. -0.014 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35



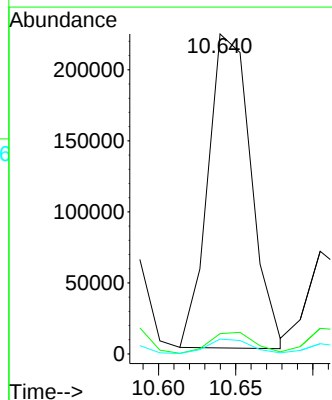
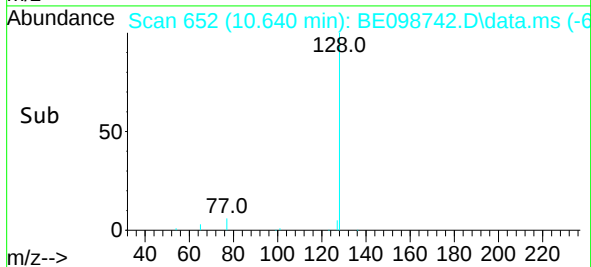
Tgt Ion: 82 Resp: 1941
Ion Ratio Lower Upper
82 100
128 1456.3 96.5 144.7#
54 440.1 224.7 337.1#



#9
Naphthalene
Concen: 7.75 ng
RT: 10.640 min Scan# 652
Delta R.T. -0.013 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35



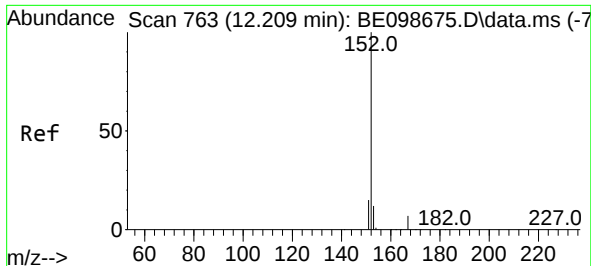
Tgt Ion: 128 Resp: 429380
Ion Ratio Lower Upper
128 100
129 6.4 2.6 3.8#
127 4.7 3.0 4.6#



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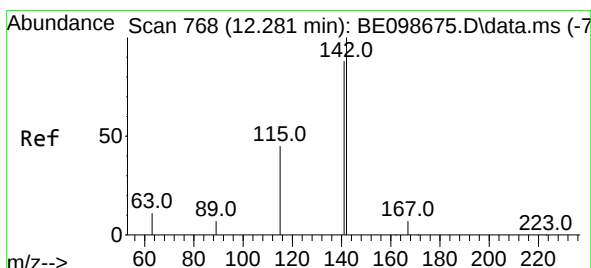
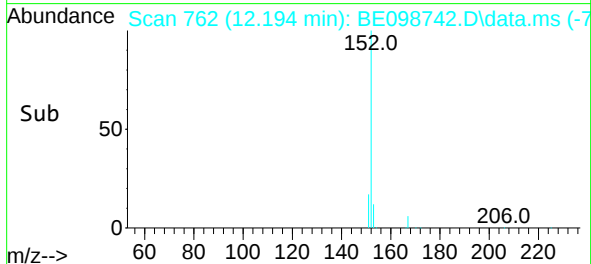
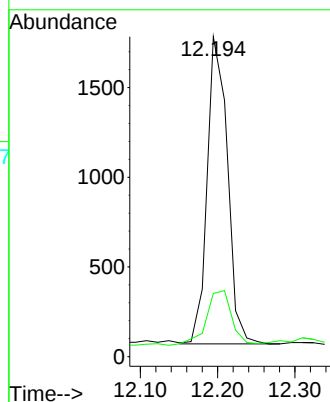
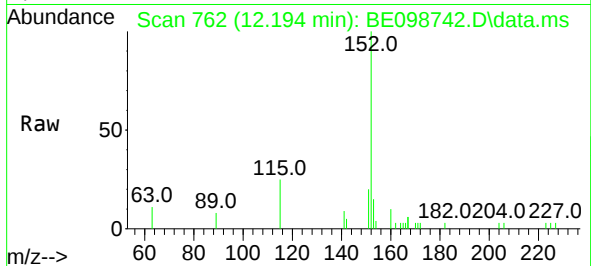
#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.194 min Scan# 762
Delta R.T. -0.015 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35

Instrument :
BNA_E
ClientSampled :
MW-2

Tgt Ion:152 Resp: 3127
Ion Ratio Lower Upper
152 100
151 22.6 16.2 24.4

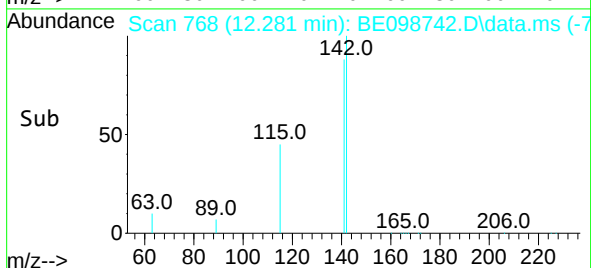
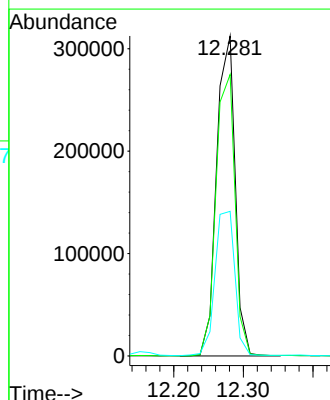
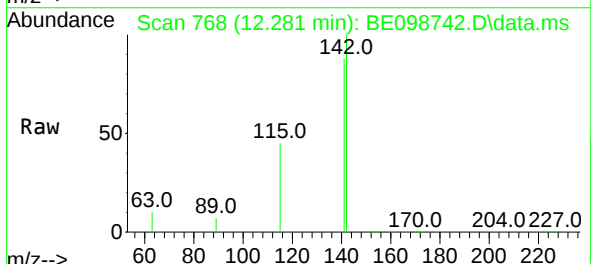
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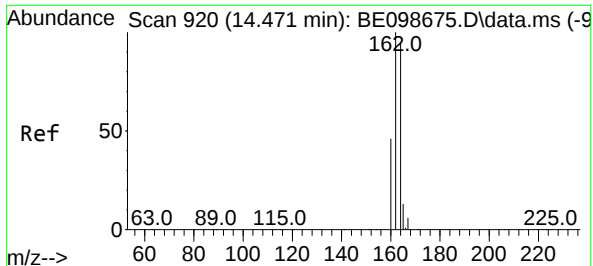
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#12
2-Methylnaphthalene
Concen: 62.66 ng
RT: 12.281 min Scan# 768
Delta R.T. -0.000 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35

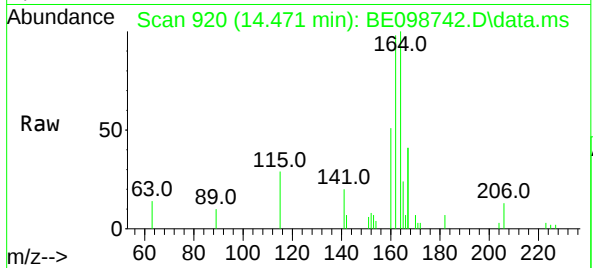
Tgt Ion:142 Resp: 576763
Ion Ratio Lower Upper
142 100
141 87.9 70.0 105.0
115 45.2 35.2 52.8





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. -0.000 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35

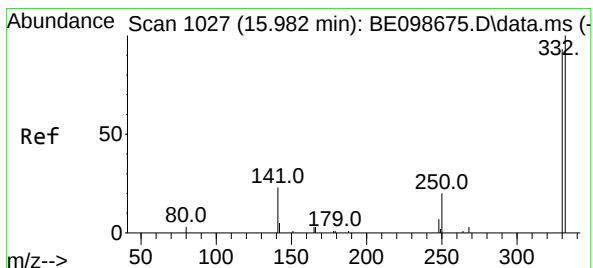
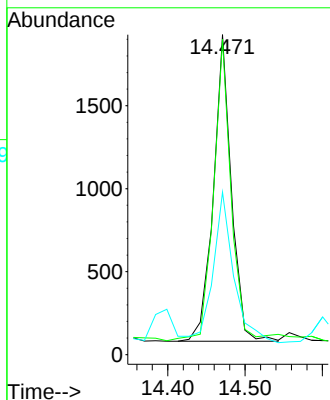
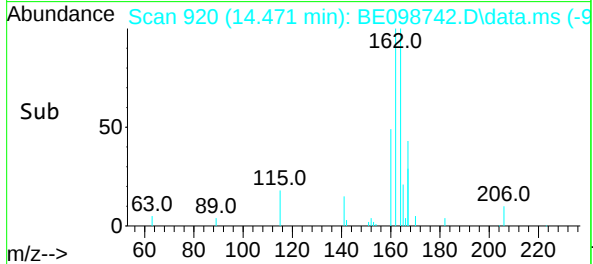
Instrument :
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ClientSampled :
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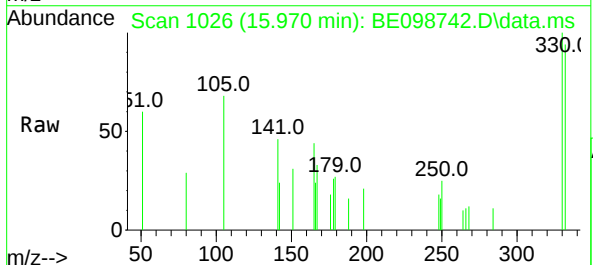
Tgt Ion:	164	Resp:	2986
Ion Ratio	Lower	Upper	
164	100		
162	98.5	80.5	120.7
160	50.8	40.1	60.1

Manual Integrations
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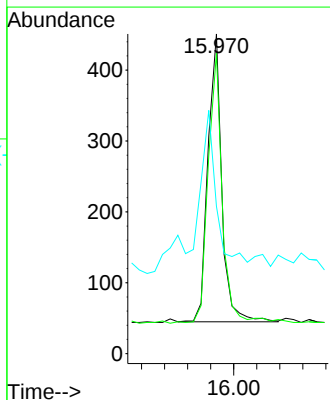
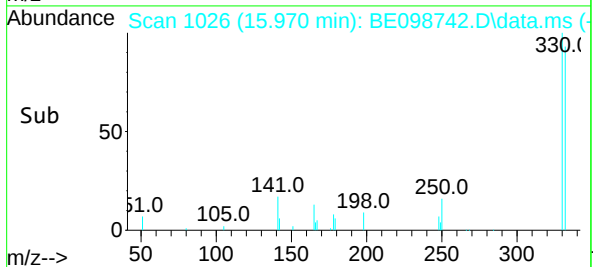
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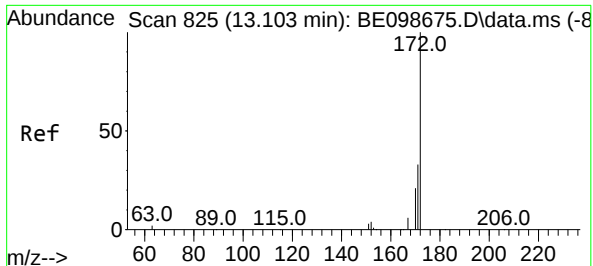


#14
2,4,6-Tribromophenol
Concen: 0.51 ng
RT: 15.970 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35



Tgt Ion:	330	Resp:	677
Ion Ratio	Lower	Upper	
330	100		
332	95.1	73.3	109.9
141	54.2	33.1	49.7#





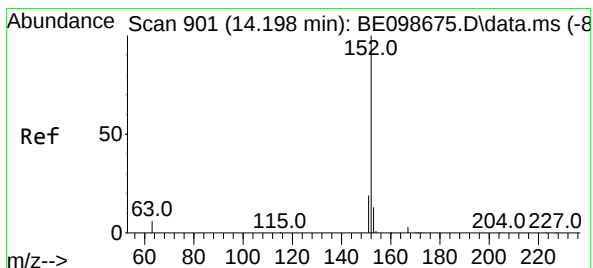
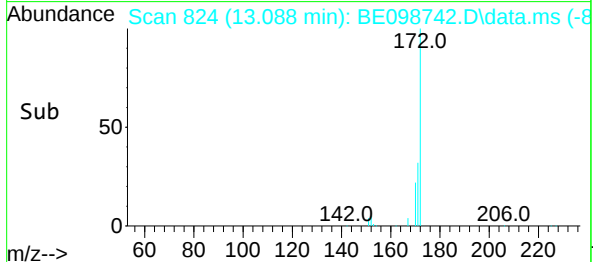
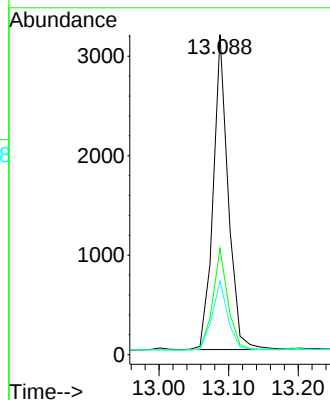
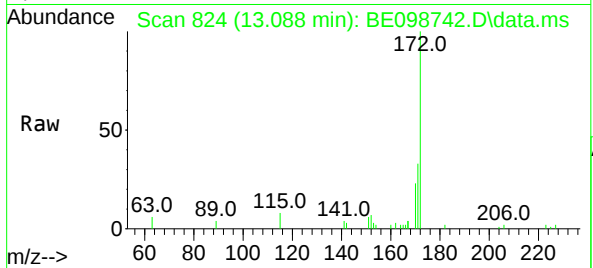
#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.088 min Scan# 824
Delta R.T. -0.015 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35

Tgt Ion:	172	Resp:	4734
Ion Ratio	Lower	Upper	
172	100		
171	33.2	29.0	43.4
170	23.0	20.8	31.2

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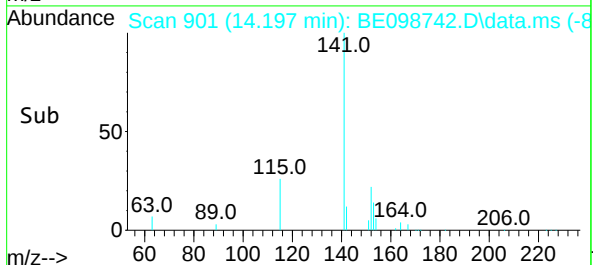
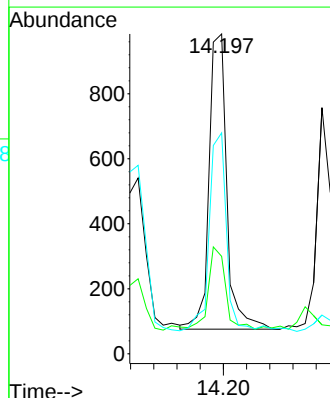
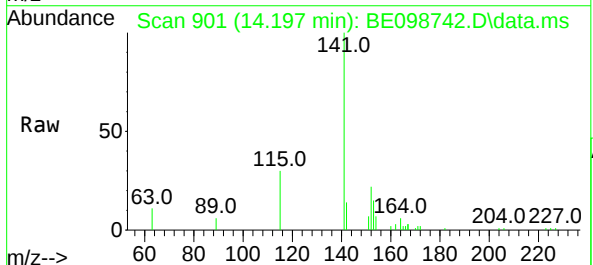
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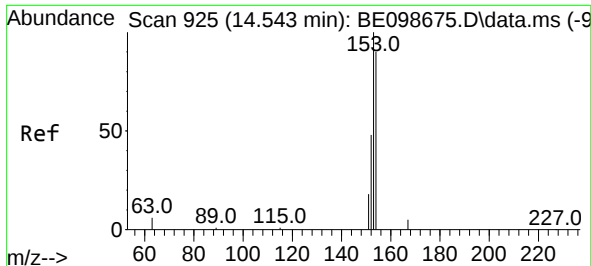
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#16
Acenaphthylene
Concen: 0.13 ng
RT: 14.197 min Scan# 901
Delta R.T. -0.001 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35

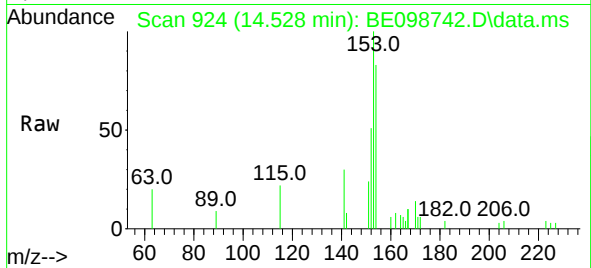
Tgt Ion:	152	Resp:	1929
Ion Ratio	Lower	Upper	
152	100		
151	29.5	16.3	24.5#
153	64.1	10.7	16.1#





#17
Acenaphthene
Concen: 0.22 ng
RT: 14.528 min Scan# 924
Delta R.T. -0.015 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35

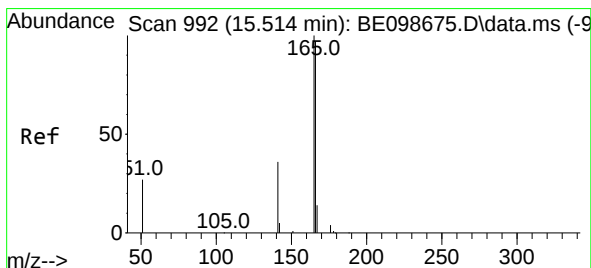
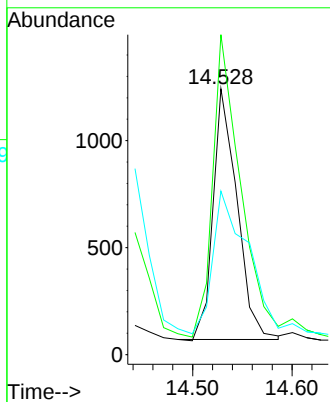
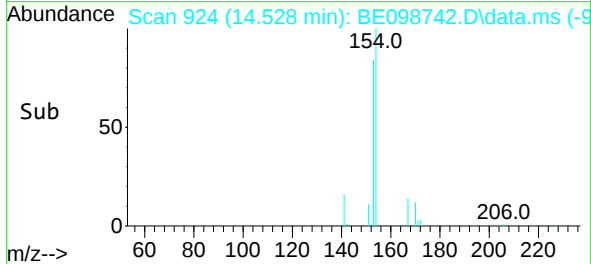
Instrument :
BNA_E
ClientSampled :
MW-2



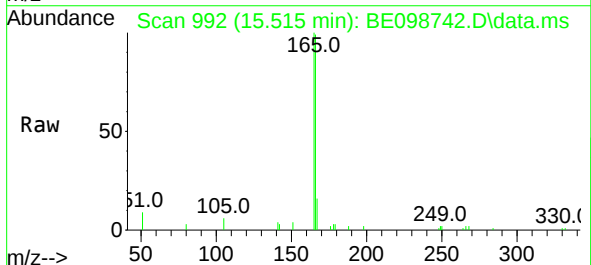
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Ion Ratio Lower Upper
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153 139.9 93.9 140.9
152 82.1 45.8 68.8#

Manual Integrations
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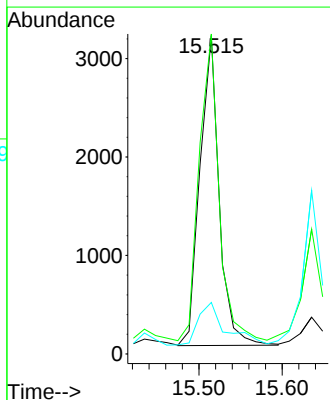
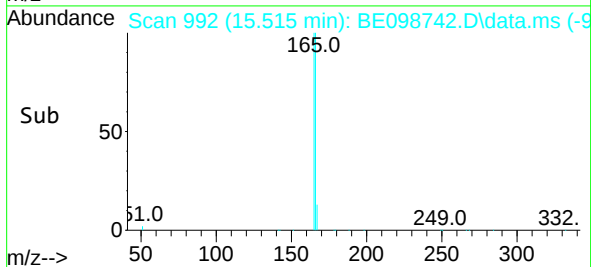
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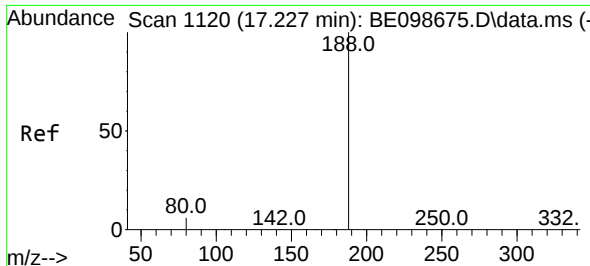


#18
Fluorene
Concen: 0.41 ng
RT: 15.515 min Scan# 992
Delta R.T. 0.001 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35



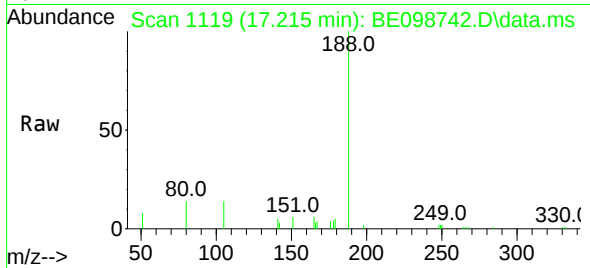
Tgt Ion:166 Resp: 5042
Ion Ratio Lower Upper
166 100
165 101.6 79.3 118.9
167 19.6 10.6 15.8#





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.215 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35

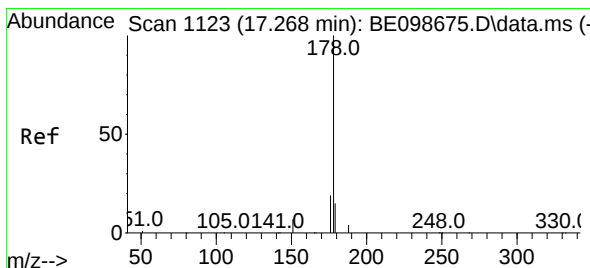
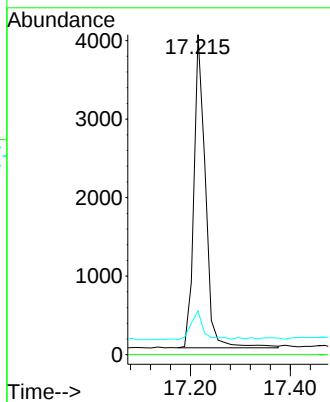
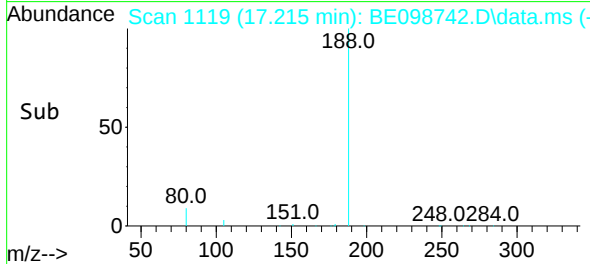
Instrument :
BNA_E
ClientSampled :
MW-2



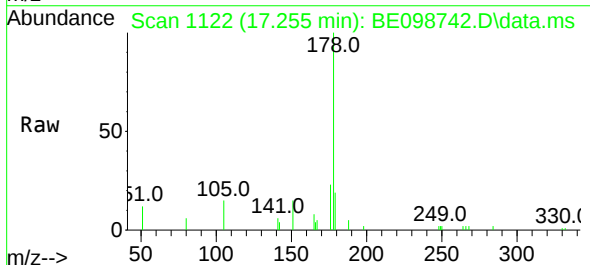
Tgt Ion:188 Resp: 6438
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 4.7 7.1#

Manual Integrations
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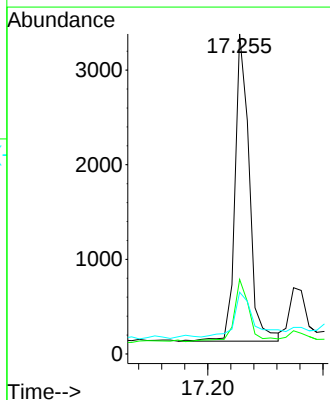
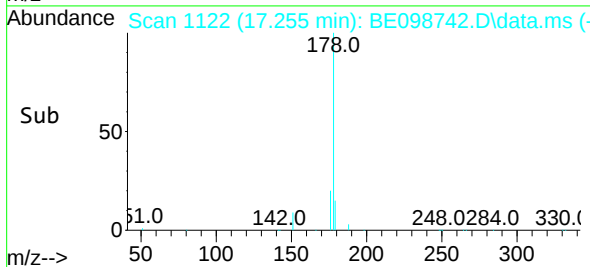
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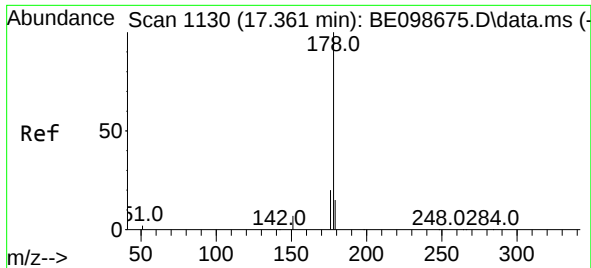


#23
Phenanthrene
Concen: 0.32 ng
RT: 17.255 min Scan# 1122
Delta R.T. -0.013 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35



Tgt Ion:178 Resp: 5588
Ion Ratio Lower Upper
178 100
176 21.6 15.9 23.9
179 20.4 12.2 18.4#





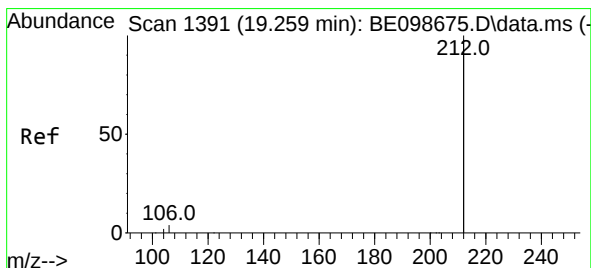
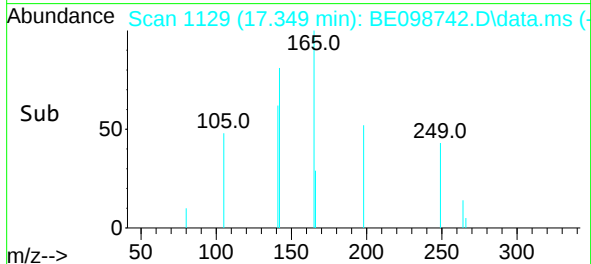
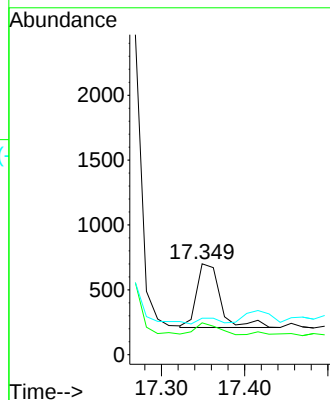
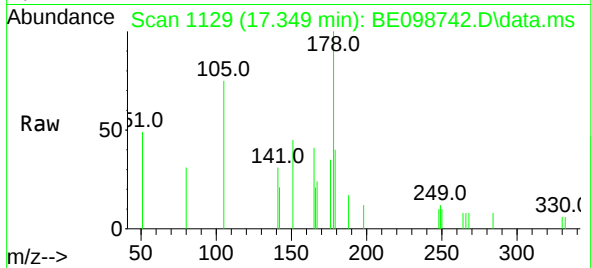
#24
 Anthracene
 Concen: 0.12 ng
 RT: 17.349 min Scan# 1129
 Delta R.T. -0.012 min
 Lab File: BE098742.D
 Acq: 20 Feb 2019 15:35

Tgt Ion:178 Resp: 965
 Ion Ratio Lower Upper
 178 100
 176 16.7 14.9 22.3
 179 8.0 11.8 17.8#

Instrument :
 BNA_E
 ClientSampled :
 MW-2

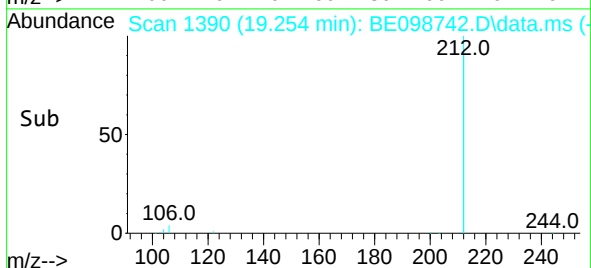
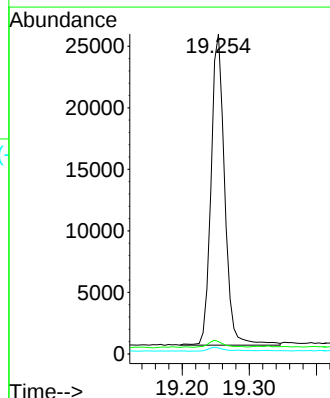
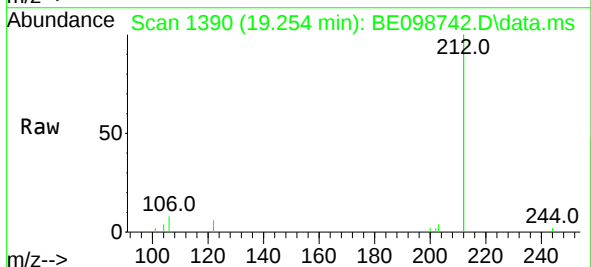
Manual Integrations
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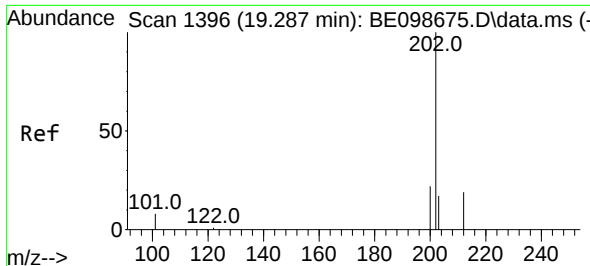
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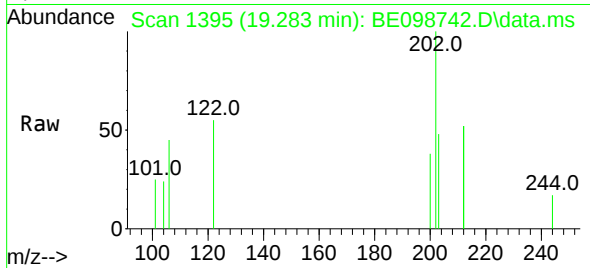
#25
 Fluoranthene-d10
 Concen: 0.39 ng
 RT: 19.254 min Scan# 1390
 Delta R.T. -0.005 min
 Lab File: BE098742.D
 Acq: 20 Feb 2019 15:35

Tgt Ion:212 Resp: 35795
 Ion Ratio Lower Upper
 212 100
 106 2.6 1.7 2.5#
 104 1.4 1.0 1.6

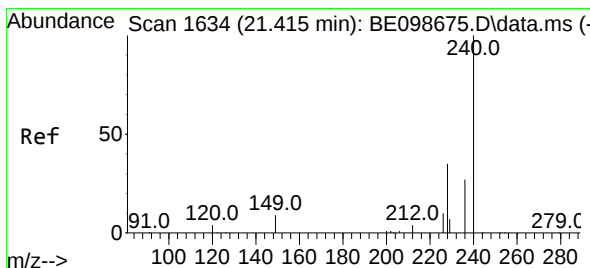
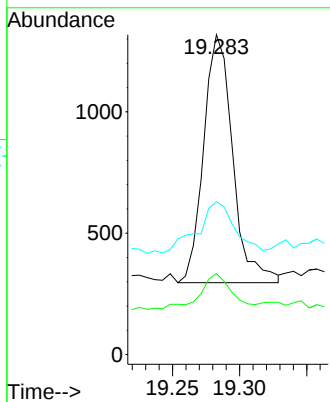
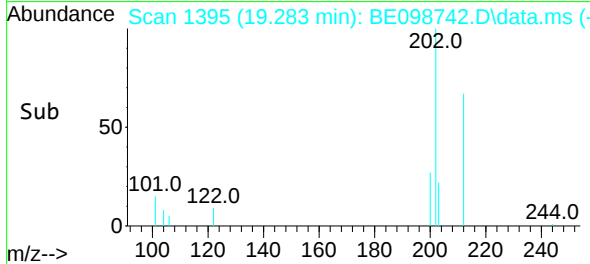




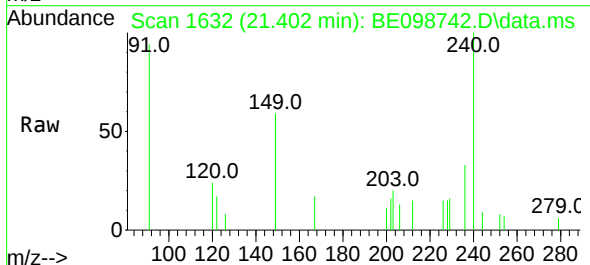
#26
Fluoranthene
Concen: 0.07 ng
RT: 19.283 min Scan# 1395
Delta R.T. -0.004 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35



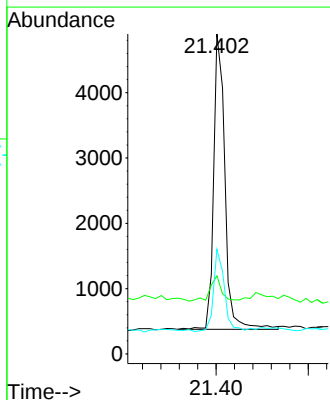
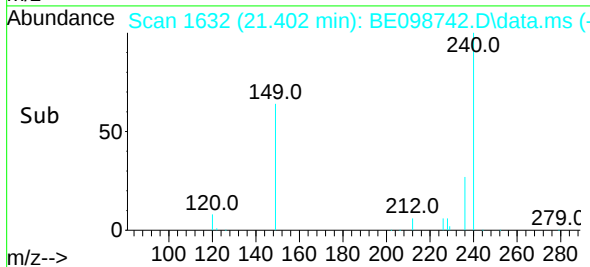
Tgt Ion:202 Resp: 1543
Ion Ratio Lower Upper
202 100
101 15.0 6.7 10.1#
203 26.9 13.3 19.9#



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.402 min Scan# 1632
Delta R.T. -0.013 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35



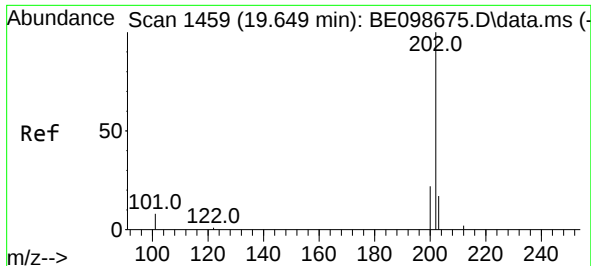
Tgt Ion:240 Resp: 7644
Ion Ratio Lower Upper
240 100
120 24.4 4.7 7.1#
236 32.7 21.9 32.9



Instrument :
BNA_E
ClientSampleId :
MW-2

Manual Integrations
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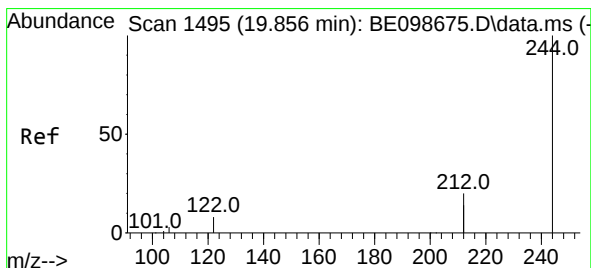
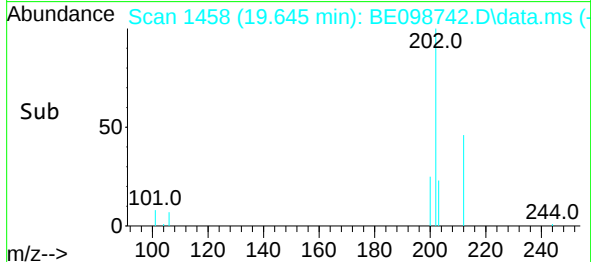
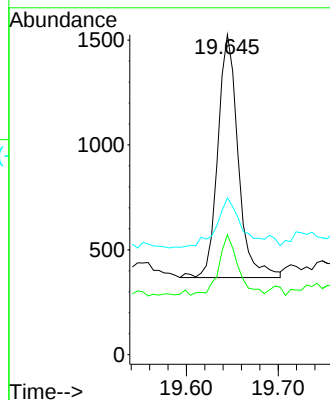
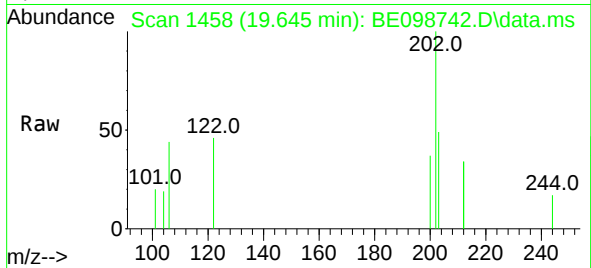
#28
Pyrene
Concen: 0.07 ng
RT: 19.645 min Scan# 1458
Delta R.T. -0.004 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35

Tgt Ion:	202	Resp:	1784
Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.0	25.6
203	24.6	13.8	20.8#

Instrument :
BNA_E
ClientSampled :
MW-2

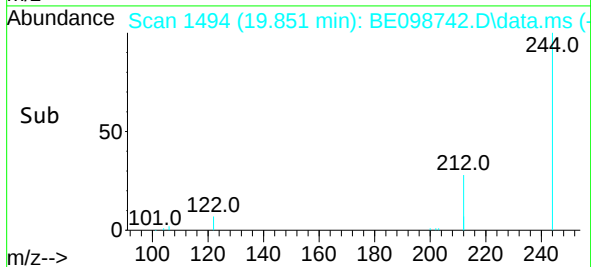
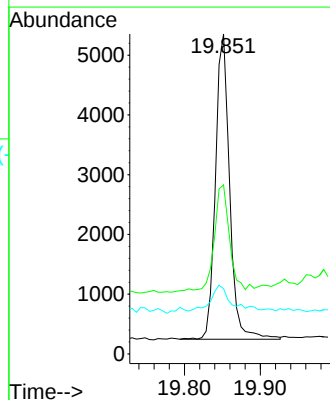
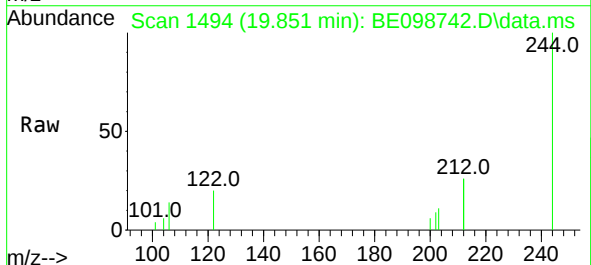
Manual Integrations
APPROVED

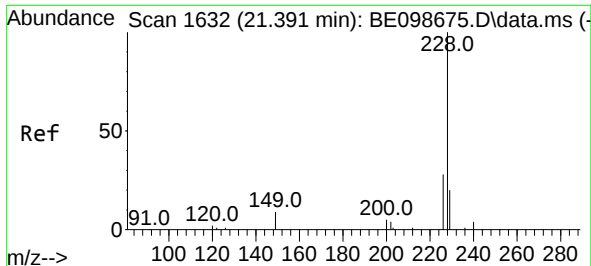
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#29
Terphenyl-d14
Concen: 0.35 ng
RT: 19.851 min Scan# 1494
Delta R.T. -0.005 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35

Tgt Ion:	244	Resp:	6608
Ion	Ratio	Lower	Upper
244	100		
212	52.8	29.4	44.2#
122	20.4	7.1	10.7#





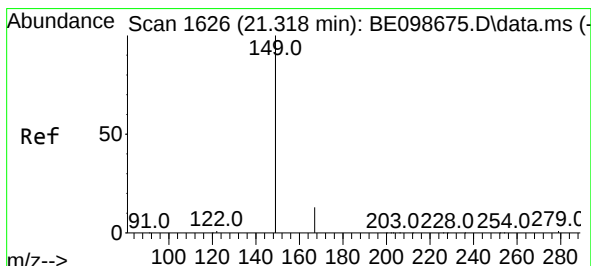
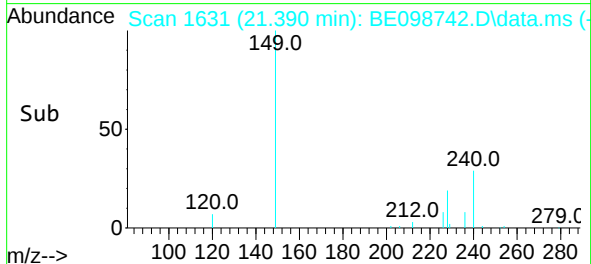
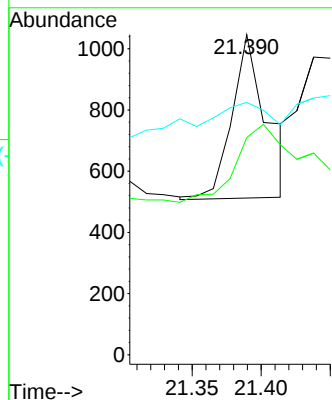
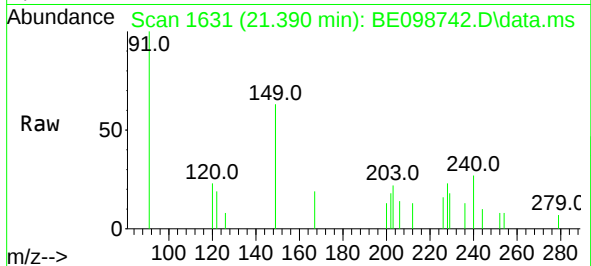
#30
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.390 min Scan# 1631
Delta R.T. -0.001 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35

Tgt Ion: 228 Resp: 945
Ion Ratio Lower Upper
228 100
226 67.9 23.0 34.4#
229 78.9 15.0 22.6#

Instrument :
BNA_E
ClientSampled :
MW-2

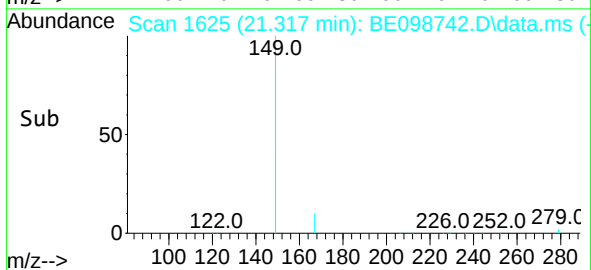
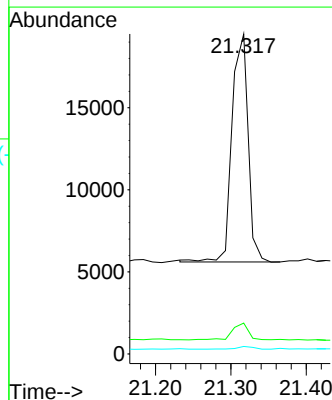
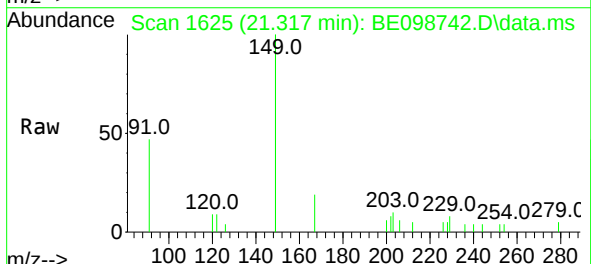
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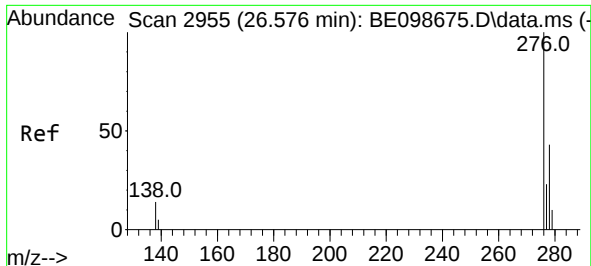
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.48 ng
RT: 21.317 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35

Tgt Ion: 149 Resp: 20574
Ion Ratio Lower Upper
149 100
167 7.4 5.4 8.2
279 1.1 1.0 1.4





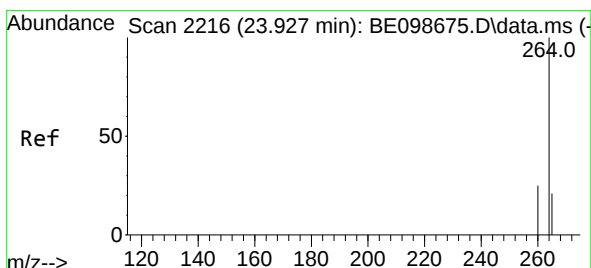
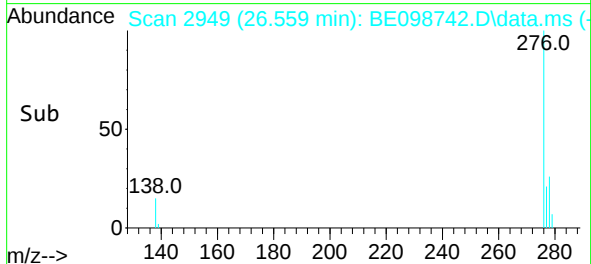
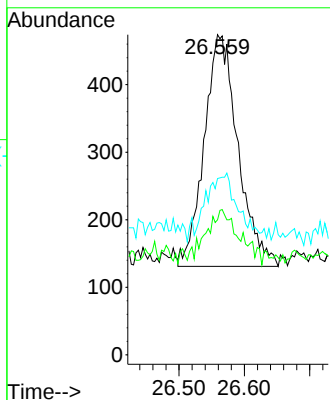
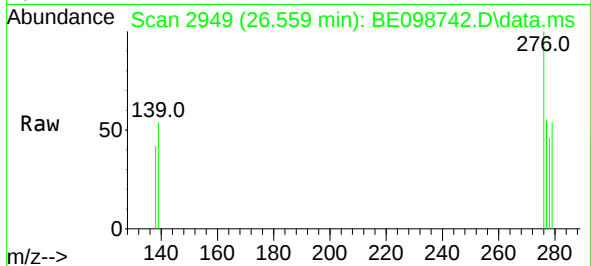
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 26.559 min Scan# 2949
Delta R.T. -0.017 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35

Tgt Ion:	276	Resp:	1232
Ion Ratio	Lower	Upper	
276	100		
138	17.3	13.3	19.9
277	21.6	19.4	29.0

Instrument :
BNA_E
ClientSampled :
MW-2

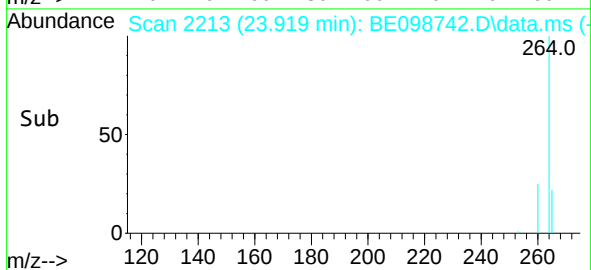
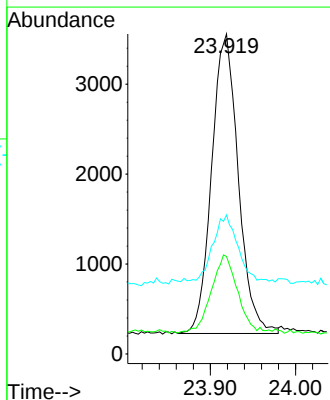
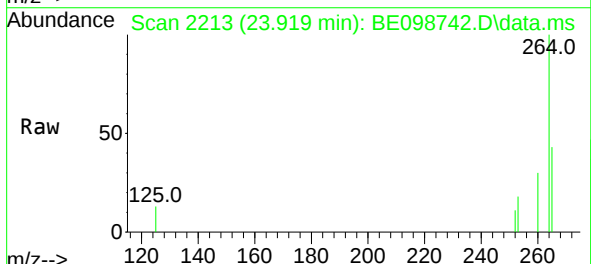
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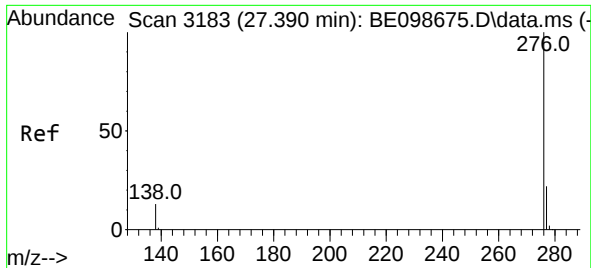
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#34
Perylene-d12
Concen: 0.40 ng
RT: 23.919 min Scan# 2213
Delta R.T. -0.008 min
Lab File: BE098742.D
Acq: 20 Feb 2019 15:35

Tgt Ion:	264	Resp:	7225
Ion Ratio	Lower	Upper	
264	100		
260	30.4	20.5	30.7
265	43.4	22.3	33.5





#39

Benzo(g,h,i)perylene

Concen: 0.07 ng

RT: 27.369 min Scan# 3176

Delta R.T. -0.021 min

Lab File: BE098742.D

Acq: 20 Feb 2019 15:35

Tgt Ion:	276	Resp:	1597
Ion	Ratio	Lower	Upper
276	100		
277	46.4	20.3	30.5#
138	33.5	13.3	19.9#

Instrument :

BNA_E

ClientSampled :

MW-2

Manual Integrations
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