

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040721\
 Data File : BE101226.D
 Acq On : 7 Apr 2021 13:37
 Operator : CG/JU
 Sample : M1931-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-5

Quant Time: Apr 07 14:29:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:22:45 2021
 Response via : Initial Calibration

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

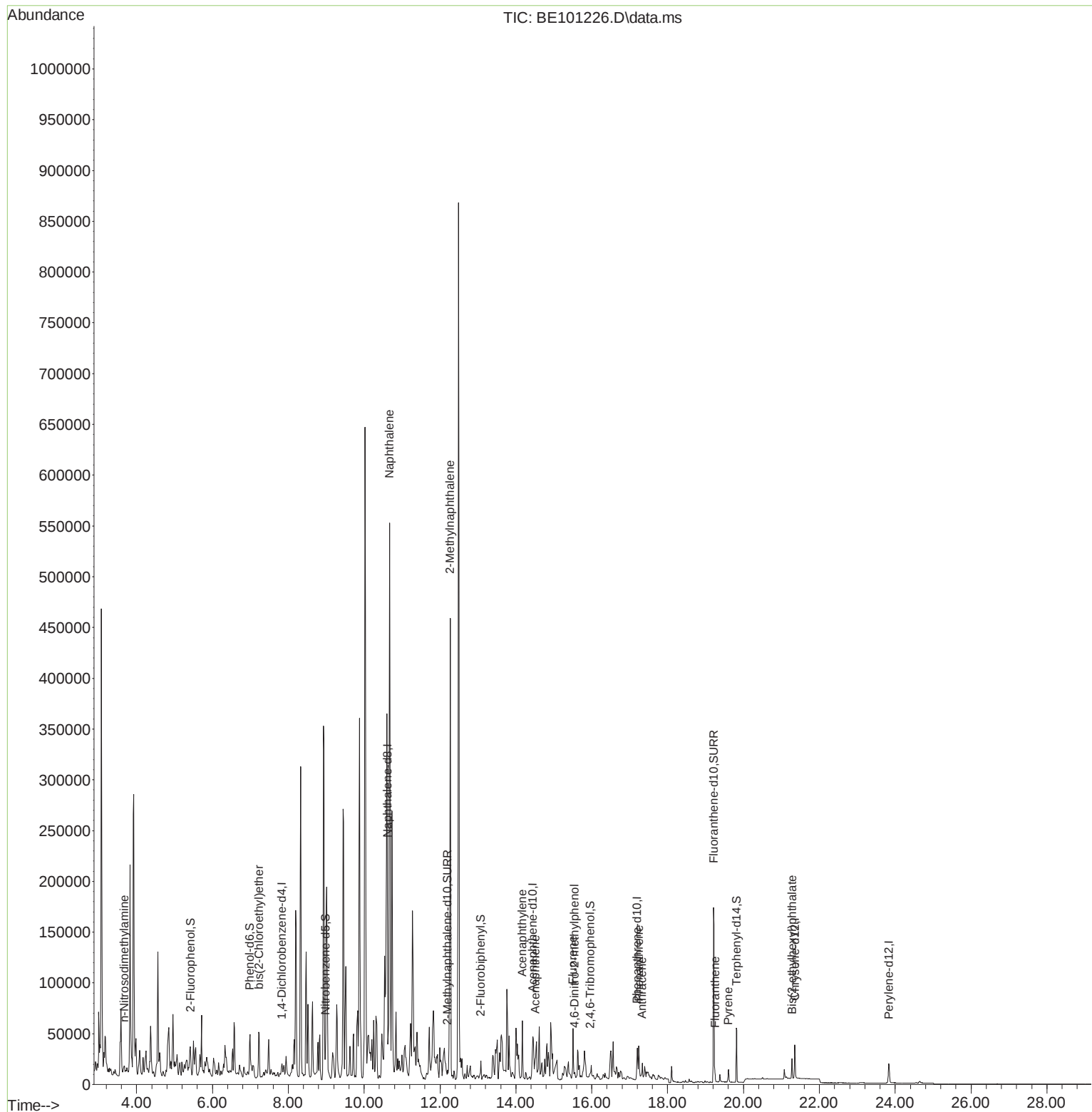
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	3993	0.40	ng	# 0.00
7) Naphthalene-d8	10.614	136	20344	0.40	ng	# 0.00
13) Acenaphthene-d10	14.443	164	17614	0.40	ng	0.00
19) Phenanthrene-d10	17.197	188	39793	0.40	ng	#-0.01
29) Chrysene-d12	21.354	240	33802	0.40	ng	0.00
36) Perylene-d12	23.831	264	28889	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.422	112	1714	0.18	ng	0.00
5) Phenol-d6	6.988	99	1649	0.11	ng	0.00
8) Nitrobenzene-d5	8.977	82	6122	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	10803	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	2597	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	15670	0.25	ng	0.00
27) Fluoranthene-d10	19.213	212	219401	0.32	ng	0.00
31) Terphenyl-d14	19.817	244	48652	0.54	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.683	42	7893	1.24	ng	# 1
6) bis(2-Chloroethyl)ether	7.230	93	1745	0.13	ng	# 1
9) Naphthalene	10.666	128	690725	3.12	ng	# 91
12) 2-Methylnaphthalene	12.267	142	300237	7.55	ng	98
16) Acenaphthylene	14.169	152	5758	0.08	ng	# 1
17) Acenaphthene	14.515	154	13577	0.26	ng	# 67
18) Fluorene	15.503	166	32365	0.47	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.549	198	63	0.07	ng	# 1
25) Phenanthrene	17.242	178	33219	0.28	ng	# 91
26) Anthracene	17.333	178	15351	0.15	ng	# 87
28) Fluoranthene	19.248	202	7165	0.05	ng	# 94
30) Pyrene	19.604	202	12401	0.10	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.281	149	21964	0.32	ng	98

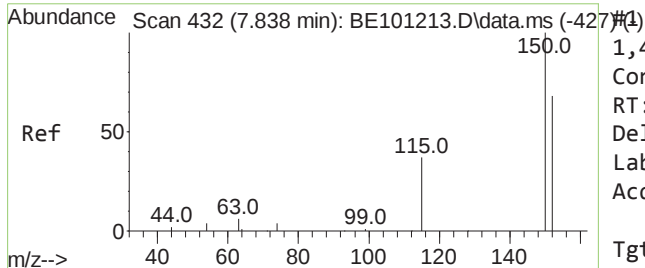
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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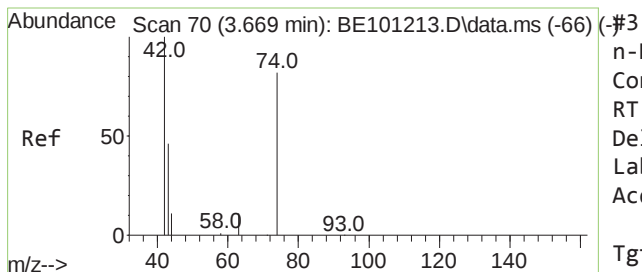
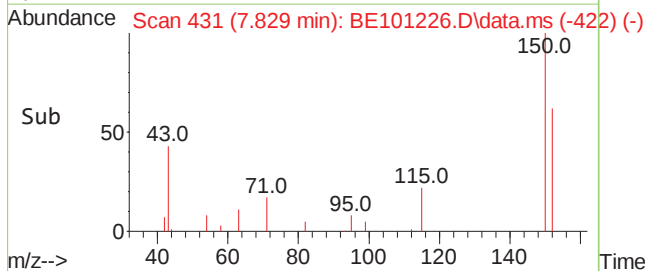
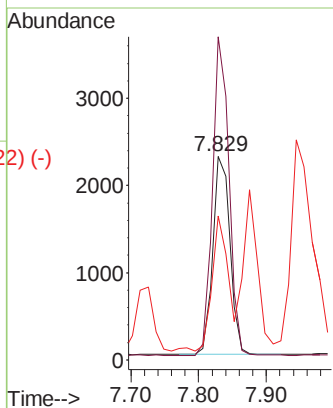
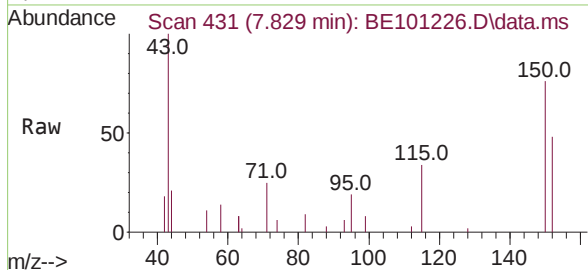




1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.829 min Scan# 431
Delta R.T. -0.001 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

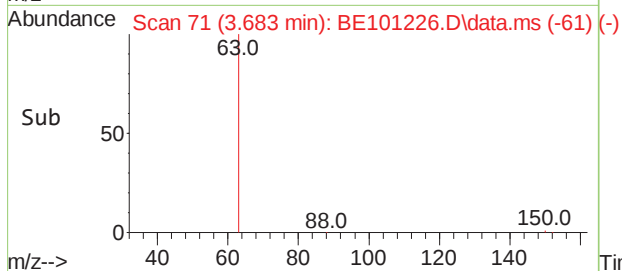
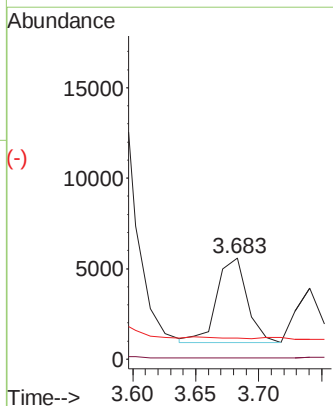
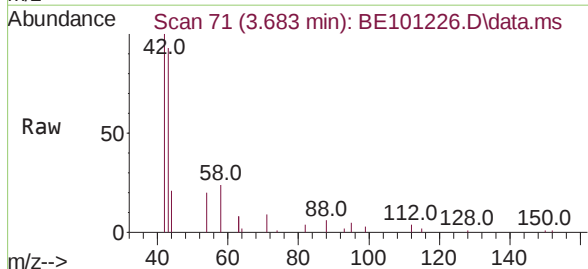
Instrument :
BNA_E
ClientSampleId :
MW-5

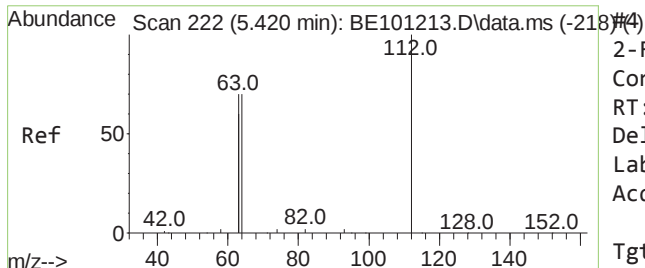
Tgt Ion:152 Resp: 3993
Ion Ratio Lower Upper
152 100
150 158.7 116.9 175.3
115 70.8 44.5 66.7#



n-Nitrosodimethylamine
Concen: 1.24 ng
RT: 3.683 min Scan# 71
Delta R.T. 0.011 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion: 42 Resp: 7893
Ion Ratio Lower Upper
42 100
74 0.3 92.7 139.1#
44 0.0 10.7 16.1#

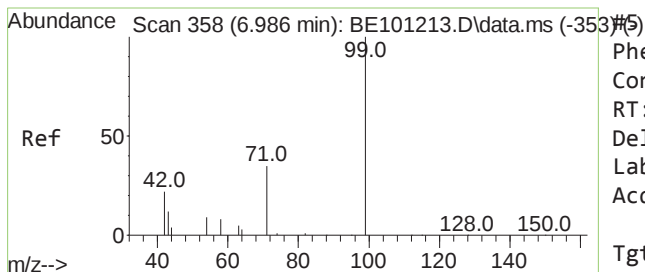
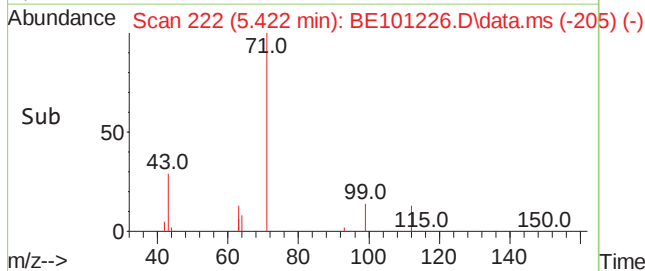
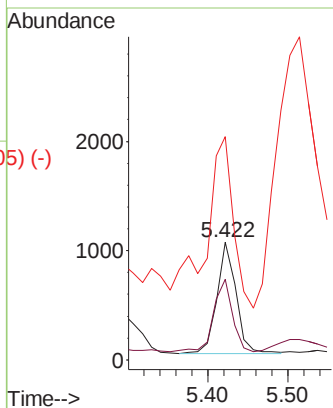
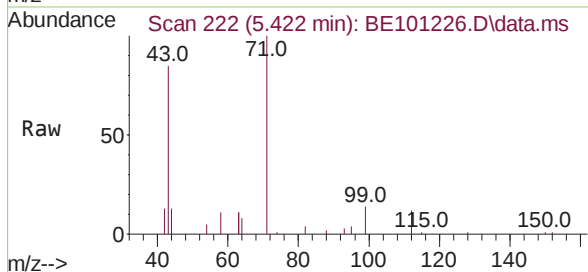




2-Fluorophenol
Concen: 0.18 ng
RT: 5.422 min Scan# 222
Delta R.T. -0.000 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

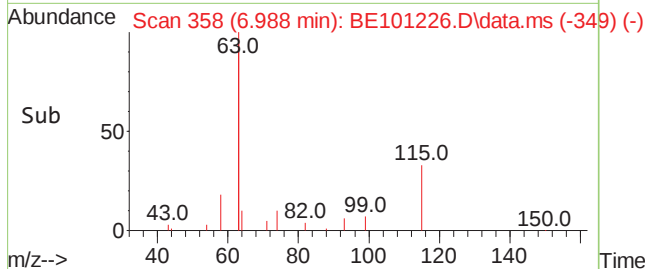
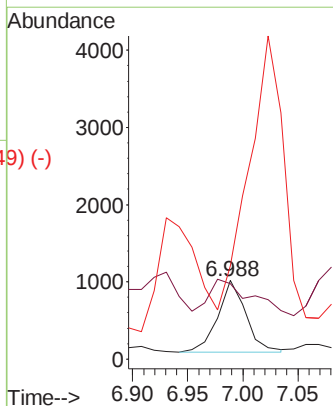
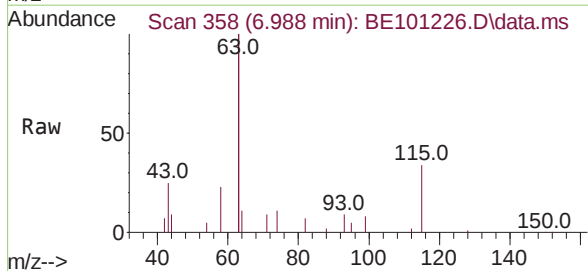
Instrument :
BNA_E
ClientSampleId :
MW-5

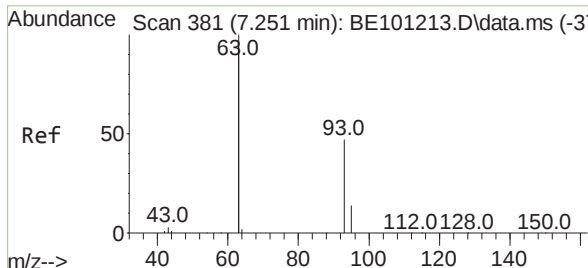
Tgt Ion:112 Resp: 1714
Ion Ratio Lower Upper
112 100
64 62.5 62.3 93.5
63 217.3 117.3 175.9#



Phenol-d6
Concen: 0.11 ng
RT: 6.988 min Scan# 358
Delta R.T. -0.000 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion: 99 Resp: 1649
Ion Ratio Lower Upper
99 100
42 80.5 18.5 27.7#
71 0.0 26.5 39.7#



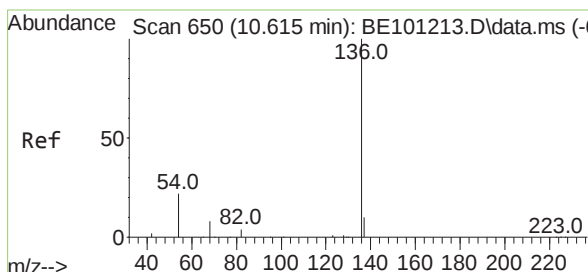
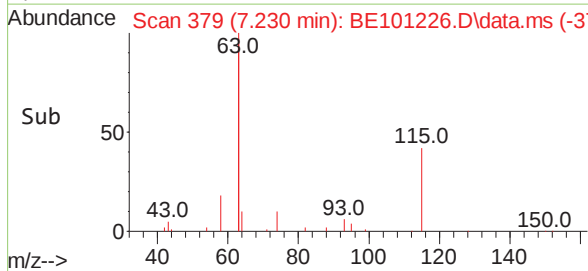
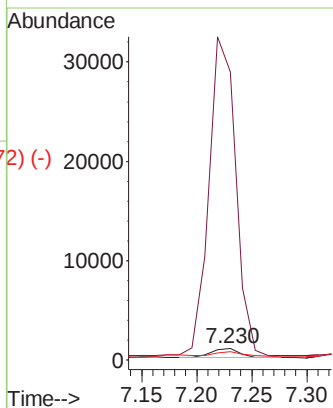
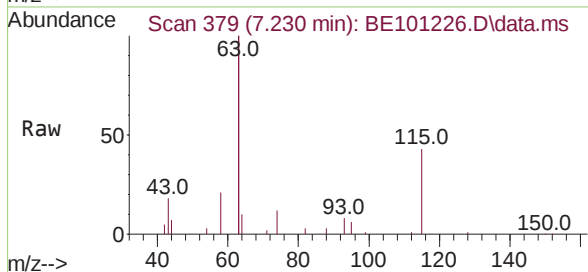


bis(2-Chloroethyl)ether
 Concen: 0.13 ng
 RT: 7.230 min Scan# 379
 Delta R.T. -0.023 min
 Lab File: BE101226.D
 Acq: 7 Apr 2021 13:37

Instrument :
 BNA_E
 ClientSampleId :
 MW-5

Tgt Ion: 93 Resp: 1745

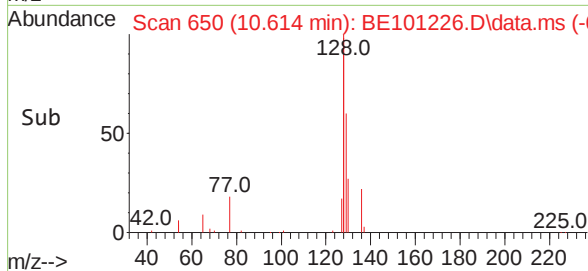
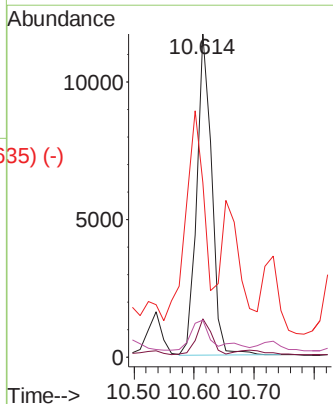
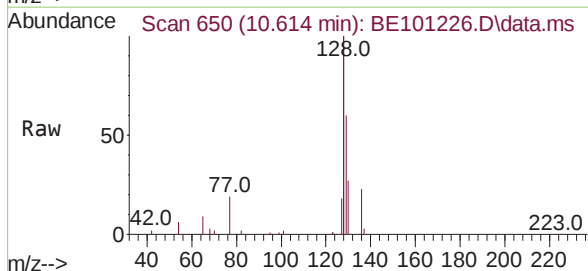
Ion	Ratio	Lower	Upper
93	100		
63	3118.0	292.5	438.7#
95	66.8	25.7	38.5#

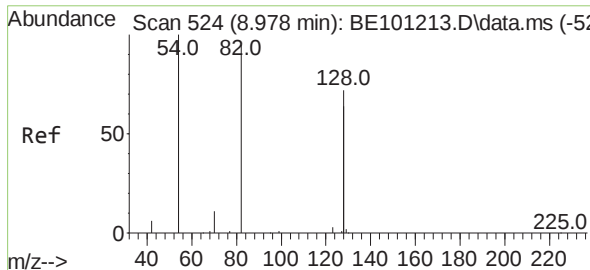


Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.614 min Scan# 650
 Delta R.T. -0.000 min
 Lab File: BE101226.D
 Acq: 7 Apr 2021 13:37

Tgt Ion: 136 Resp: 20344

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.6	13.0
54	54.1	34.7	52.1#
68	11.5	7.0	10.4#

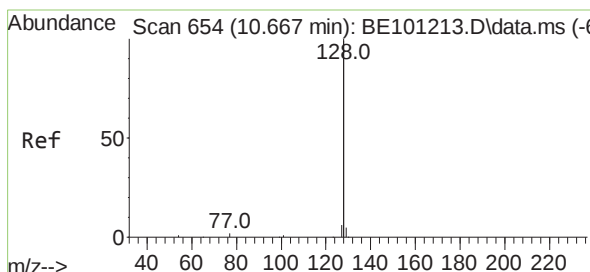
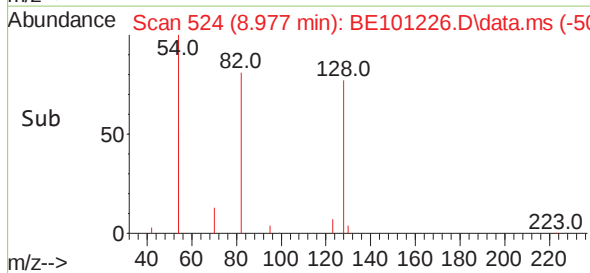
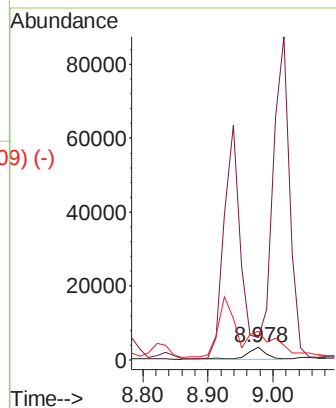
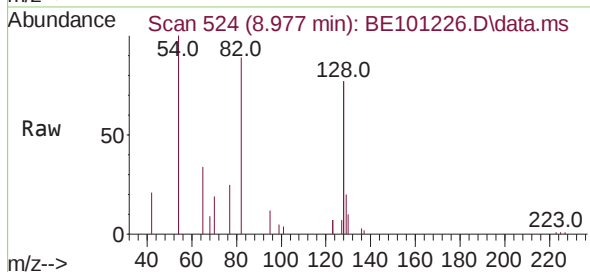




Nitrobenzene-d5
 Concen: 0.41 ng
 RT: 8.977 min Scan# 524
 Delta R.T. -0.000 min
 Lab File: BE101226.D
 Acq: 7 Apr 2021 13:37

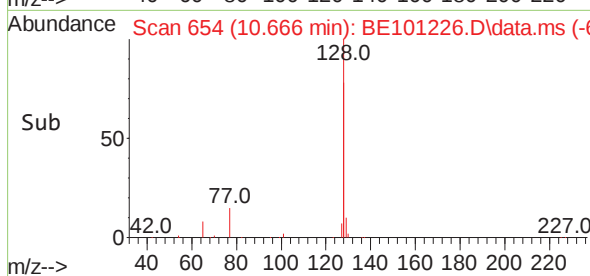
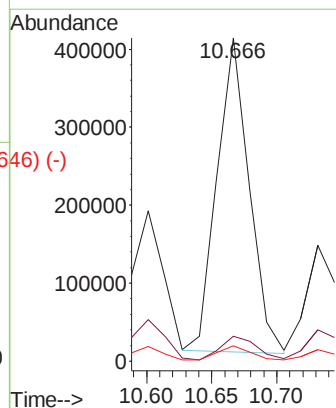
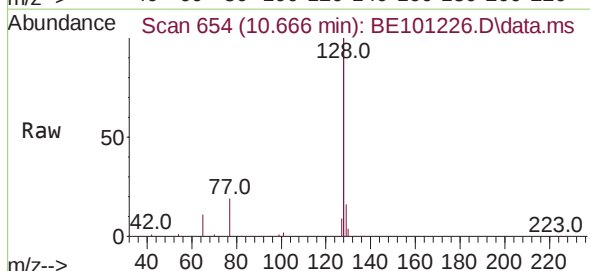
Instrument :
 BNA_E
 ClientSampleId :
 MW-5

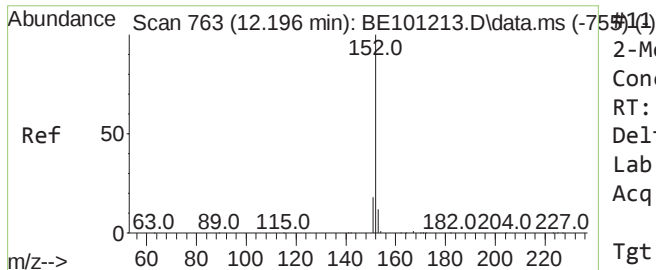
Tgt Ion: 82 Resp: 6122
 Ion Ratio Lower Upper
 82 100
 128 173.1 118.7 178.1
 54 225.1 164.4 246.6



Naphthalene
 Concen: 3.12 ng
 RT: 10.666 min Scan# 654
 Delta R.T. -0.000 min
 Lab File: BE101226.D
 Acq: 7 Apr 2021 13:37

Tgt Ion: 128 Resp: 690725
 Ion Ratio Lower Upper
 128 100
 129 7.8 2.2 3.4#
 127 4.7 2.6 3.8#

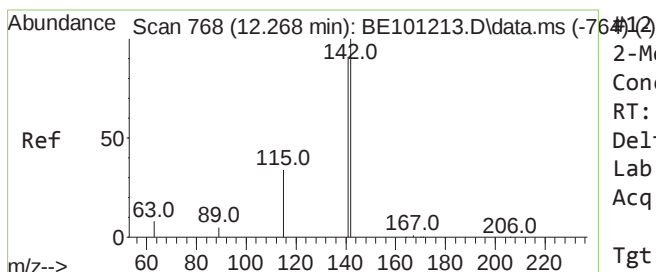
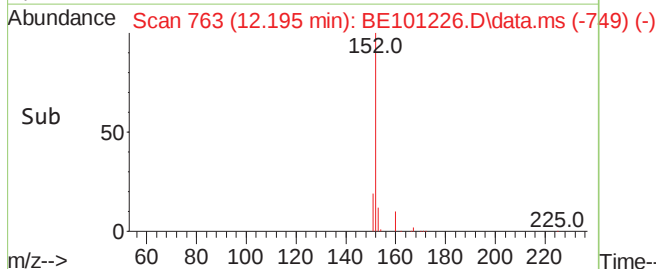
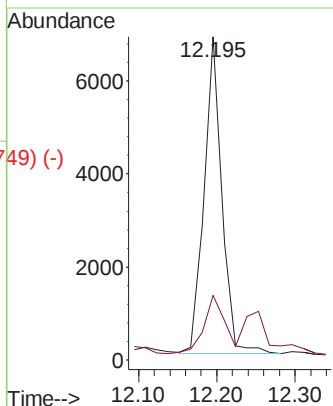
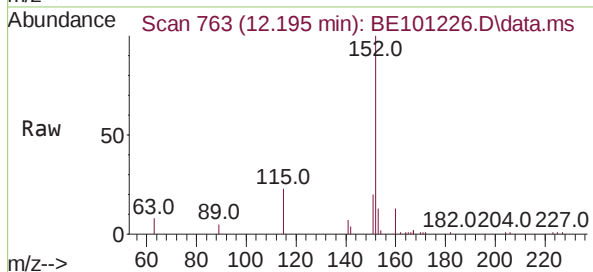




2-Methylnaphthalene-d10
 Concen: 0.23 ng
 RT: 12.195 min Scan# 763
 Delta R.T. -0.001 min
 Lab File: BE101226.D
 Acq: 7 Apr 2021 13:37

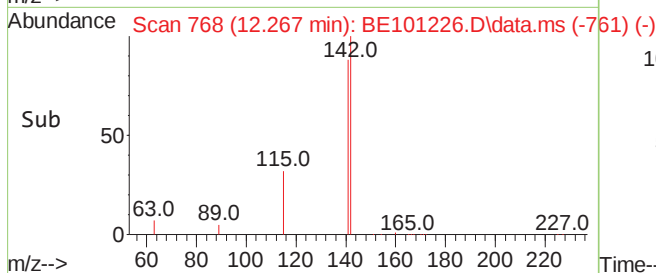
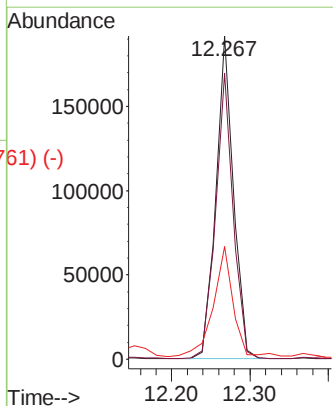
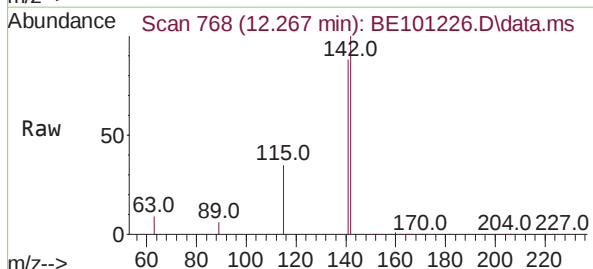
Instrument :
 BNA_E
 ClientSampled :
 MW-5

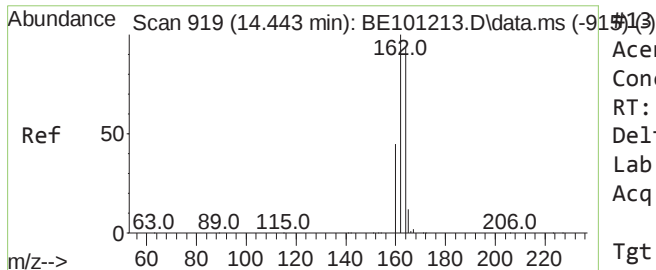
Tgt Ion:152 Resp: 10803
 Ion Ratio Lower Upper
 152 100
 151 22.3 16.5 24.7



2-Methylnaphthalene
 Concen: 7.55 ng
 RT: 12.267 min Scan# 768
 Delta R.T. -0.001 min
 Lab File: BE101226.D
 Acq: 7 Apr 2021 13:37

Tgt Ion:142 Resp: 300237
 Ion Ratio Lower Upper
 142 100
 141 88.5 73.0 109.6
 115 34.9 27.8 41.8

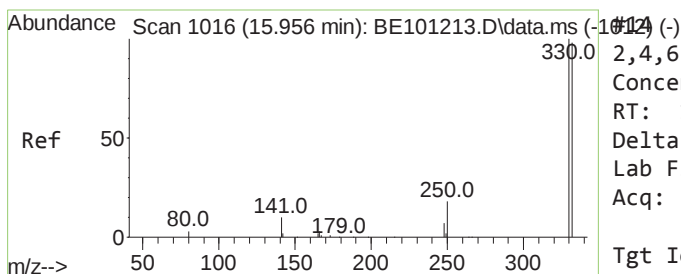
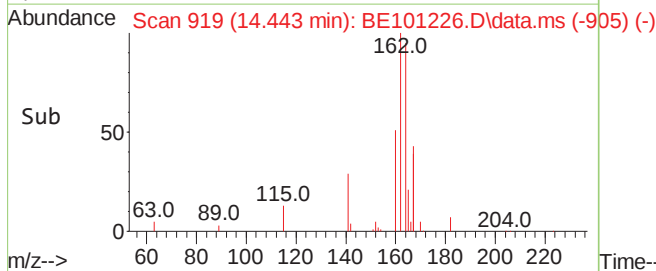
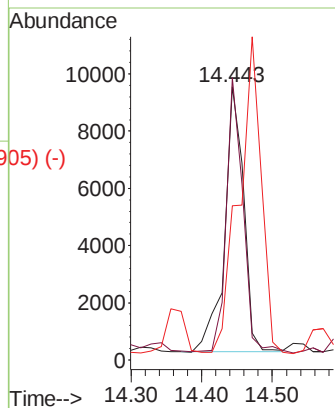
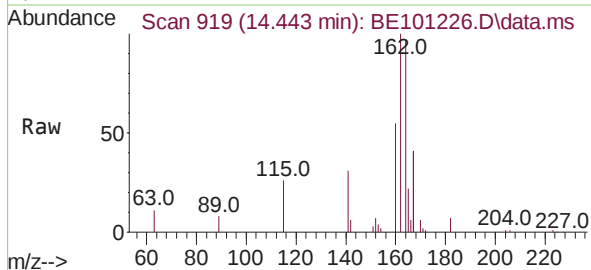




Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.443 min Scan# 919
 Delta R.T. -0.001 min
 Lab File: BE101226.D
 Acq: 7 Apr 2021 13:37

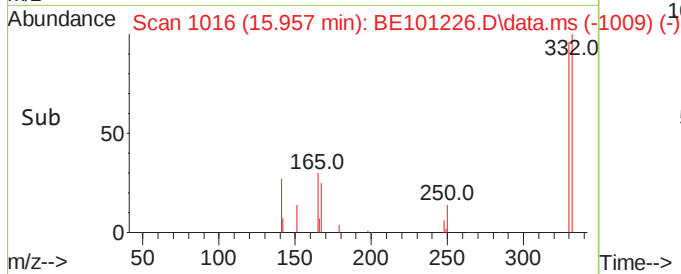
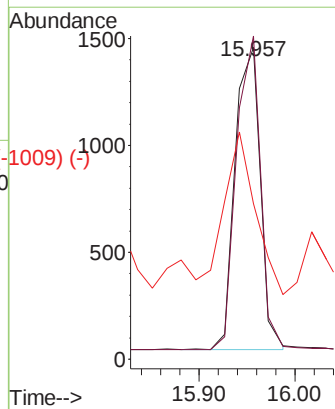
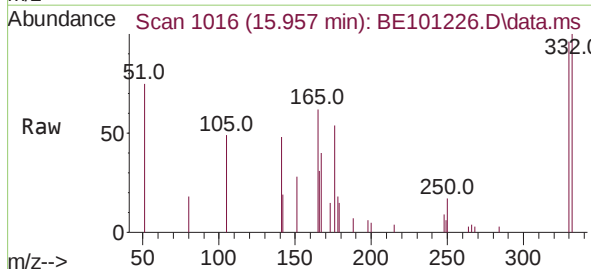
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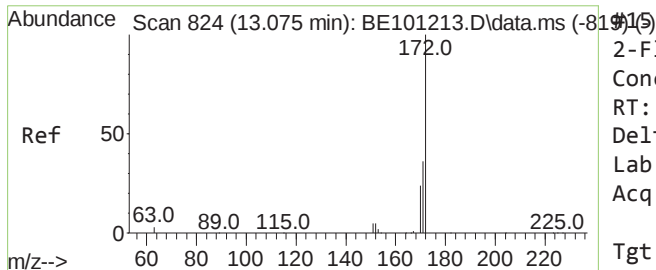
Tgt Ion:	164	Resp:	17614
Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.3	127.9
160	56.4	39.1	58.7



2,4,6-Tribromophenol
 Concen: 0.55 ng
 RT: 15.957 min Scan# 1016
 Delta R.T. 0.002 min
 Lab File: BE101226.D
 Acq: 7 Apr 2021 13:37

Tgt Ion:	330	Resp:	2597
Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.8	116.6
141	67.1	30.4	45.6

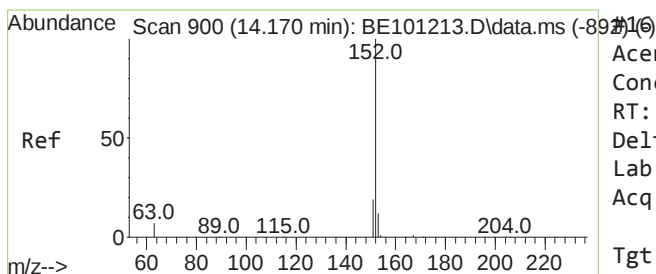
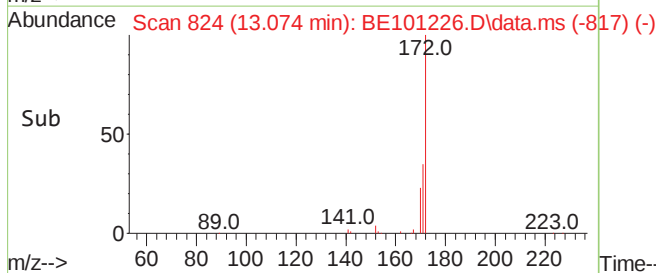
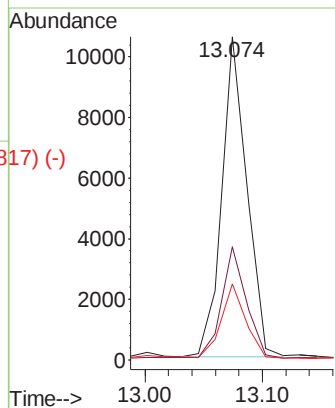
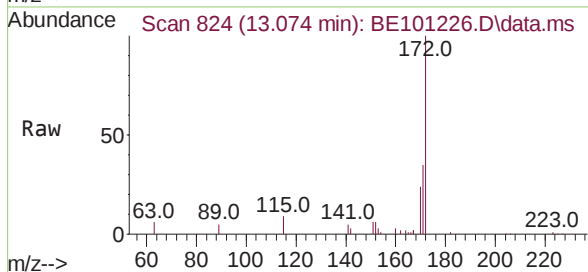




2-Fluorobiphenyl
 Concen: 0.25 ng
 RT: 13.074 min Scan# 824
 Delta R.T. -0.001 min
 Lab File: BE101226.D
 Acq: 7 Apr 2021 13:37

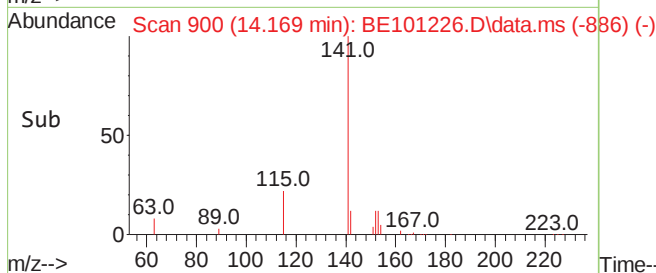
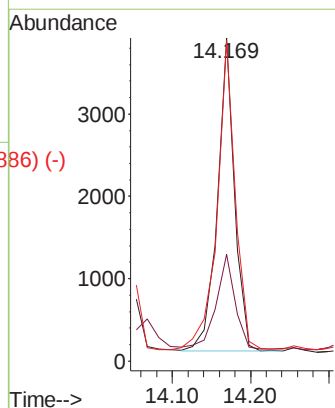
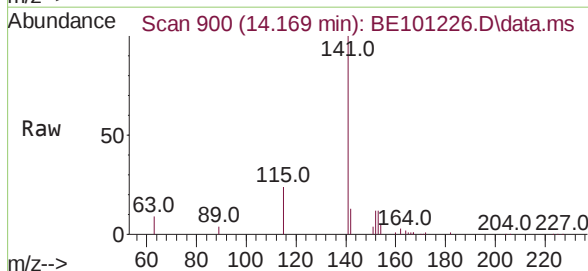
Instrument :
 BNA_E
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Tgt Ion:	172	Resp:	15670
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	23.5	19.3	28.9

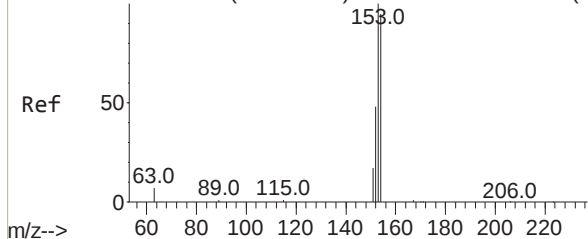


Acenaphthylene
 Concen: 0.08 ng
 RT: 14.169 min Scan# 900
 Delta R.T. -0.001 min
 Lab File: BE101226.D
 Acq: 7 Apr 2021 13:37

Tgt Ion:	152	Resp:	5758
Ion	Ratio	Lower	Upper
152	100		
151	33.1	15.4	23.2#
153	105.7	10.0	15.0#



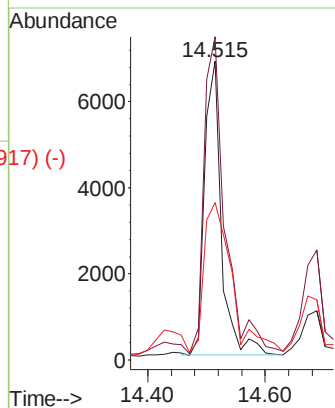
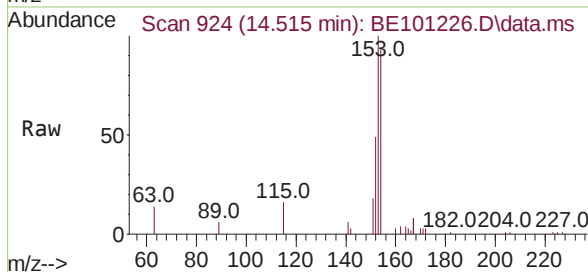
Abundance Scan 924 (14.515 min): BE101213.D\data.ms (-917) (-17)



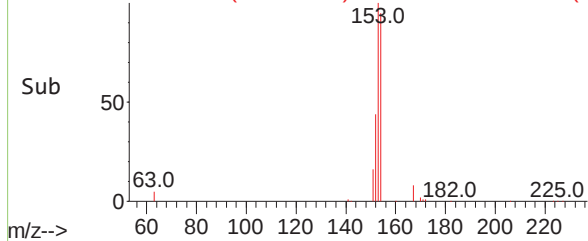
Acenaphthene
Concen: 0.26 ng
RT: 14.515 min Scan# 924
Delta R.T. -0.001 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Instrument :
BNA_E
ClientSampleId :
MW-5

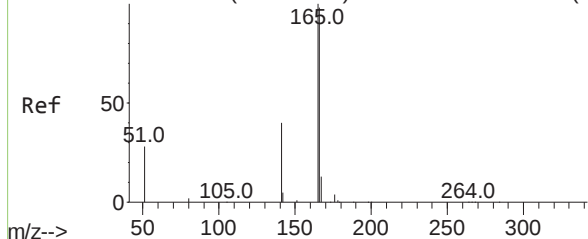
Tgt Ion:154 Resp: 13577
Ion Ratio Lower Upper
154 100
153 135.0 84.9 127.3#
152 83.5 42.7 64.1#



Abundance Scan 924 (14.515 min): BE101226.D\data.ms (-917) (-)

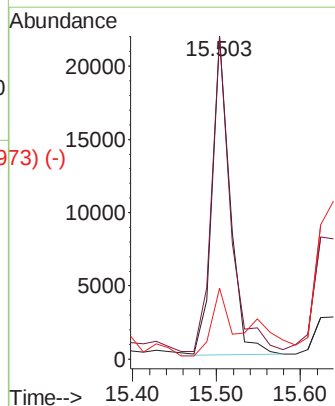
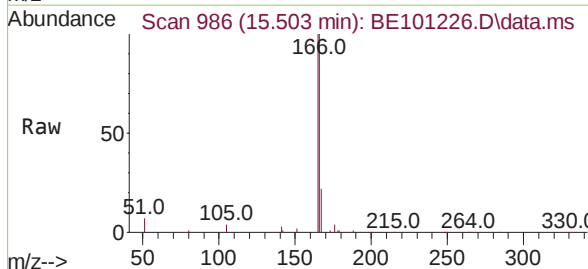


Abundance Scan 986 (15.502 min): BE101213.D\data.ms (-987) (-16)

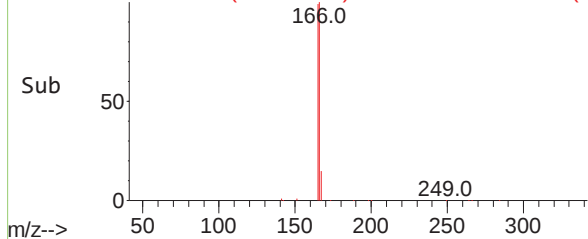


Fluorene
Concen: 0.47 ng
RT: 15.503 min Scan# 986
Delta R.T. 0.002 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:166 Resp: 32365
Ion Ratio Lower Upper
166 100
165 104.7 79.0 118.4
167 24.4 11.0 16.4#



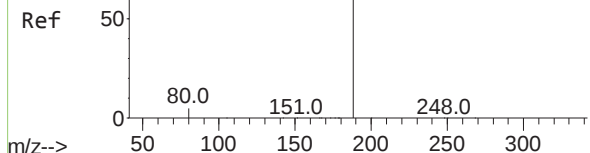
Abundance Scan 986 (15.503 min): BE101226.D\data.ms (-973) (-)



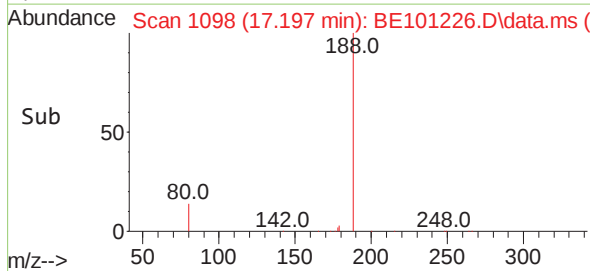
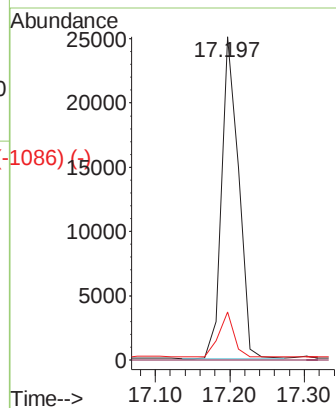
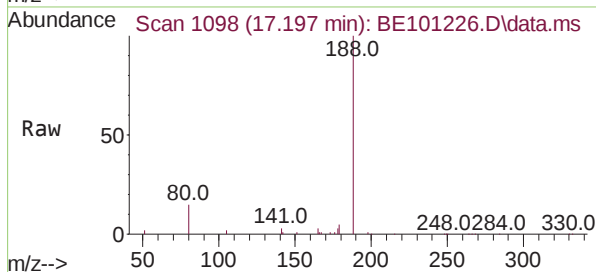
Abundance Scan 1099 (17.211 min): BE101213.D\data.ms (-1084) (-)

Phenanthrene-d10
Concen: 0.40 ng
RT: 17.197 min Scan# 1098
Delta R.T. -0.013 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Instrument :
BNA_E
ClientSampleId :
MW-5



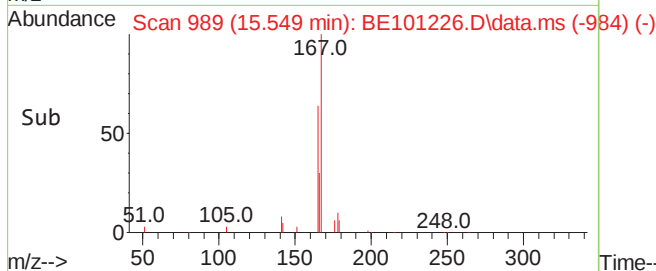
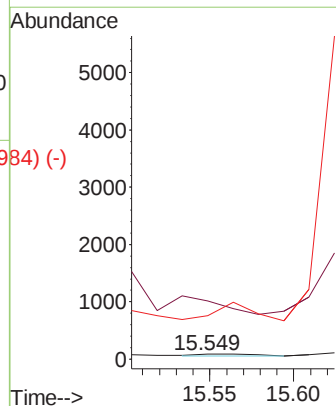
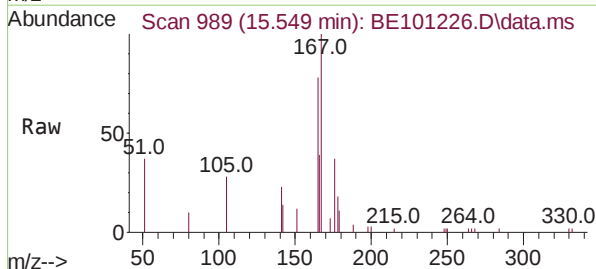
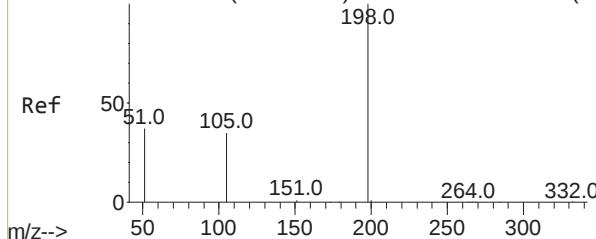
Tgt Ion:	188	Resp:	39793
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.8	4.6	6.8#

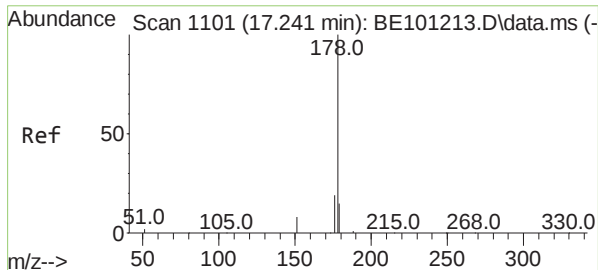


Abundance Scan 991 (15.578 min): BE101213.D\data.ms (-984) (-)

4,6-Dinitro-2-methylphenol
Concen: 0.07 ng
RT: 15.549 min Scan# 989
Delta R.T. -0.028 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:	198	Resp:	63
Ion	Ratio	Lower	Upper
198	100		
51	1163.2	55.9	83.9#
105	875.9	33.6	50.4#

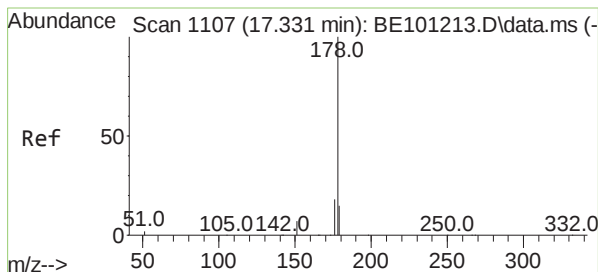
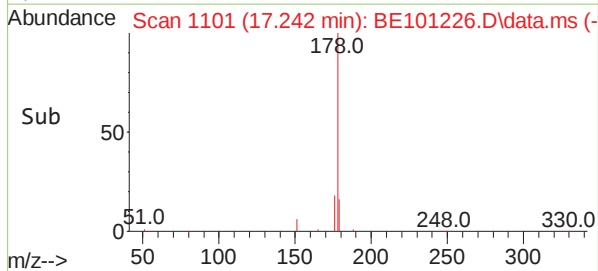
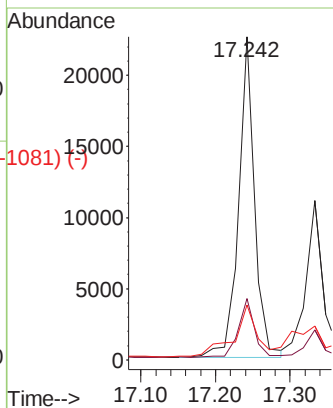
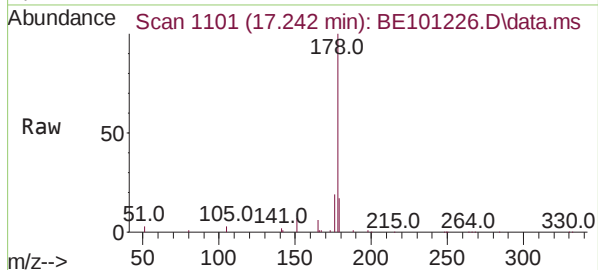




Phenanthrene
Concen: 0.28 ng
RT: 17.242 min Scan# 1101
Delta R.T. 0.002 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

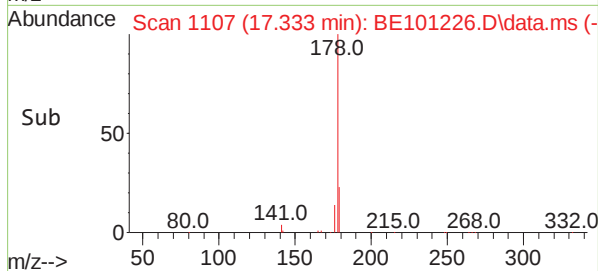
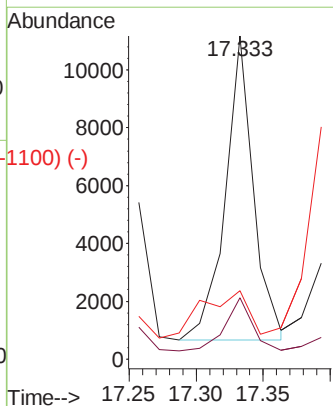
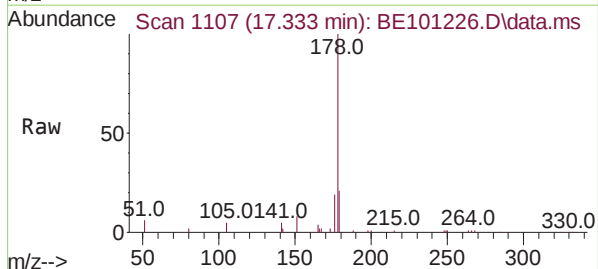
Instrument :
BNA_E
ClientSampleId :
MW-5

Tgt Ion:	178	Resp:	33219
Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	23.2	12.2	18.4#

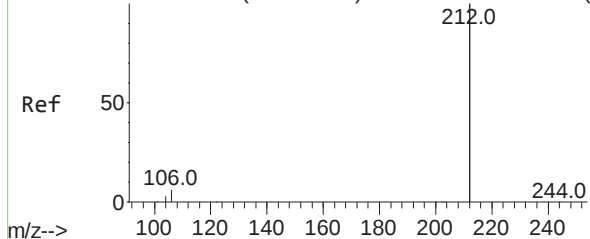


Anthracene
Concen: 0.15 ng
RT: 17.333 min Scan# 1107
Delta R.T. 0.002 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:	178	Resp:	15351
Ion	Ratio	Lower	Upper
178	100		
176	16.8	14.4	21.6
179	25.7	11.8	17.8#



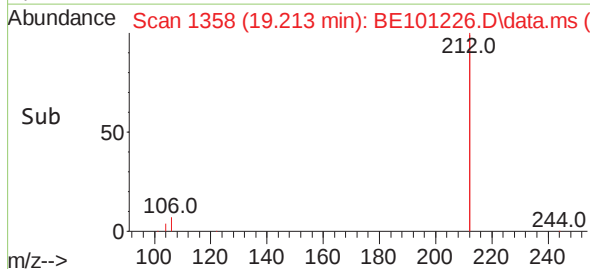
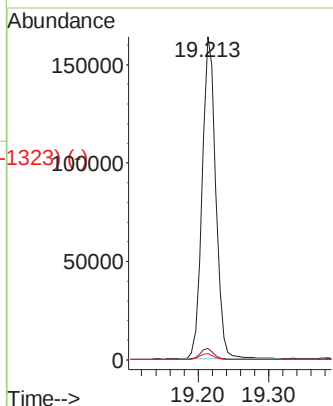
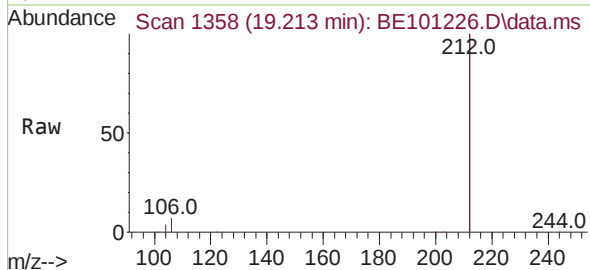
Abundance Scan 1359 (19.220 min): BE101213.D\data.ms (-1327) (-)



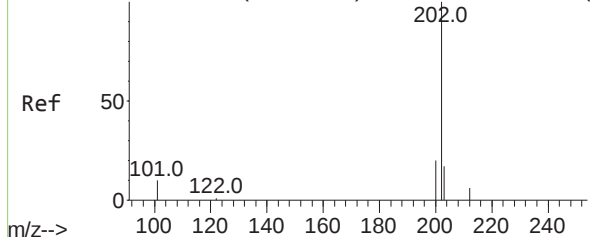
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.213 min Scan# 1358
Delta R.T. -0.001 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Instrument :
BNA_E
ClientSampleId :
MW-5

Tgt Ion:	212	Resp:	219401
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	4.0
104	1.9	1.4	2.2

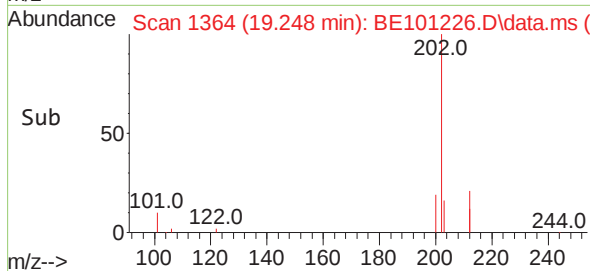
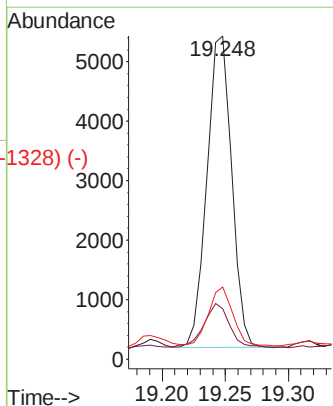
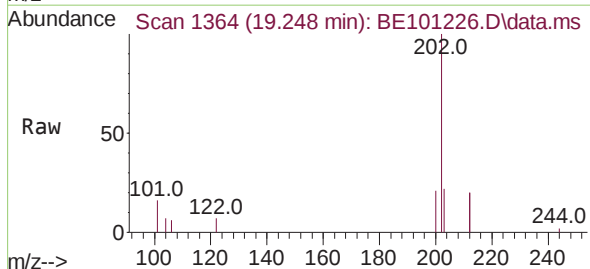


Abundance Scan 1364 (19.249 min): BE101213.D\data.ms (-1328) (-)

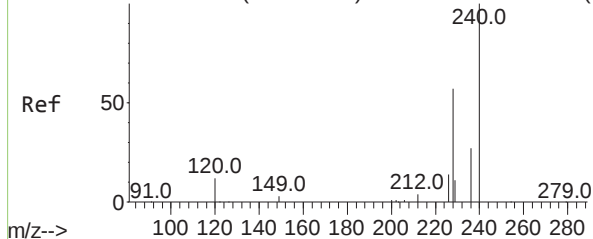


Fluoranthene
Concen: 0.05 ng
RT: 19.248 min Scan# 1364
Delta R.T. 0.005 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:	202	Resp:	7165
Ion	Ratio	Lower	Upper
202	100		
101	14.9	9.1	13.7#
203	18.3	13.6	20.4



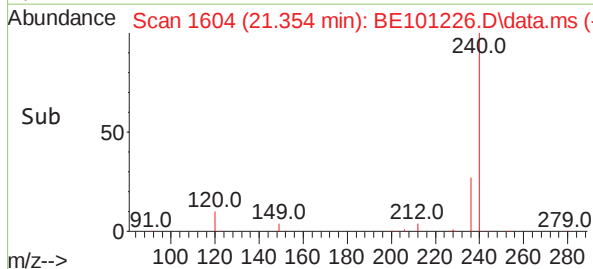
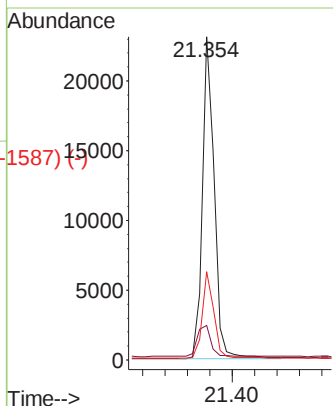
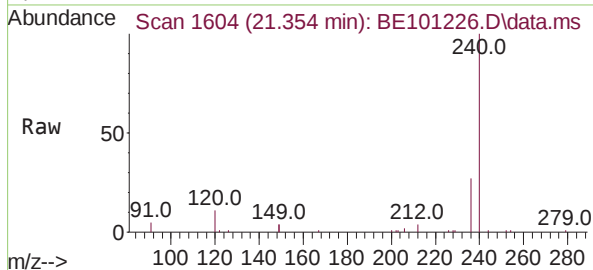
Abundance Scan 1603 (21.354 min): BE101213.D\data.ms (-1587) (-)



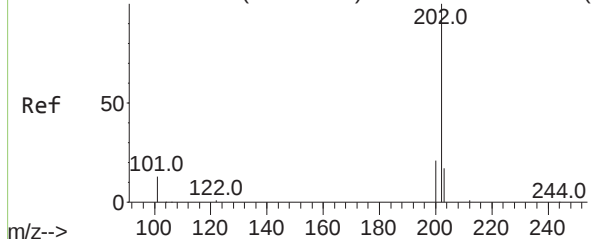
Chrysene-d12
Concen: 0.40 ng
RT: 21.354 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Instrument :
BNA_E
ClientSampleId :
MW-5

Tgt Ion:	240	Resp:	33802
Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.2	15.4
236	27.4	21.7	32.5

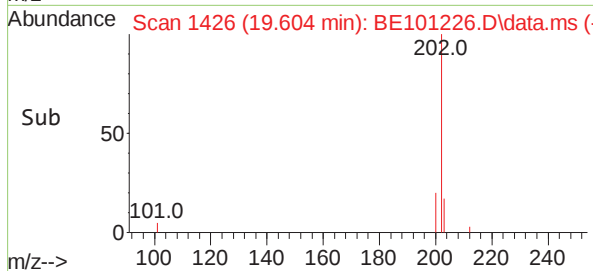
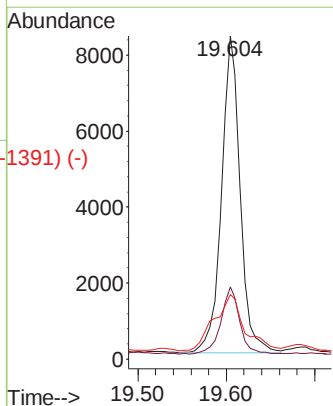
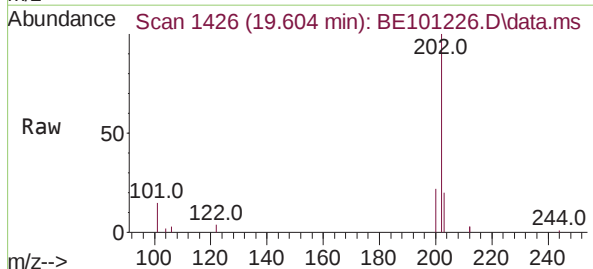


Abundance Scan 1426 (19.605 min): BE101213.D\data.ms (-1391) (-)



Pyrene
Concen: 0.10 ng
RT: 19.604 min Scan# 1426
Delta R.T. -0.001 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

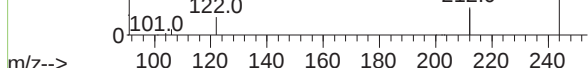
Tgt Ion:	202	Resp:	12401
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	28.2	13.8	20.8#



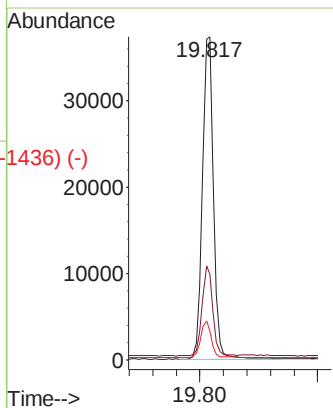
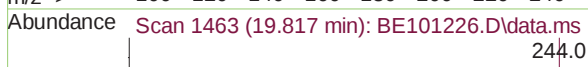
Abundance Scan 1463 (19.818 min): BE101213.D\data.ms (-1434) (-)

Terphenyl-d14
Concen: 0.54 ng
RT: 19.817 min Scan# 1463
Delta R.T. 0.005 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Instrument :
BNA_E
ClientSampleId :
MW-5

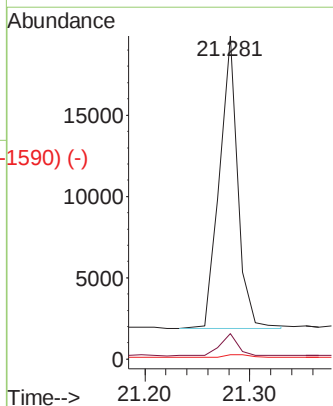


Tgt Ion:	244	Resp:	48652
Ion	Ratio	Lower	Upper
244	100		
212	26.4	21.9	32.9
122	9.0	7.3	10.9

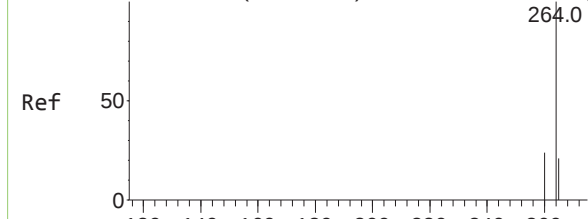


Bis(2-ethylhexyl)phthalate
Concen: 0.32 ng
RT: 21.281 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:	149	Resp:	21964
Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.5	8.3
279	1.2	1.0	1.4



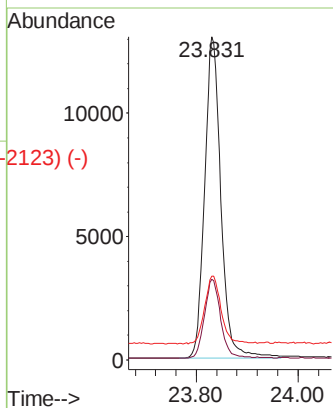
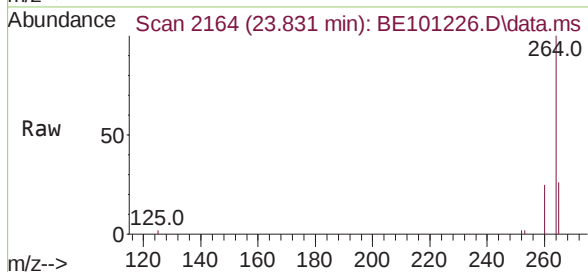
Abundance Scan 2165 (23.838 min): BE101213.D\data.ms (-2123) (-)



Perylene-d12
Concen: 0.40 ng
RT: 23.831 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Instrument :
BNA_E
ClientSampleId :
MW-5

Tgt Ion:264	Resp:	28889
Ion	Ratio	Lower Upper
264	100	
260	24.9	19.3 28.9
265	26.0	22.4 33.6



Abundance Scan 2164 (23.831 min): BE101226.D\data.ms (-2123) (-)

