

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041421\
 Data File : BE101300.D
 Acq On : 14 Apr 2021 14:13
 Operator : CG/JU
 Sample : M1998-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB_04-08-2021_SO

Quant Time: Apr 14 15:10:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 12 18:02:55 2021
 Response via : Initial Calibration

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

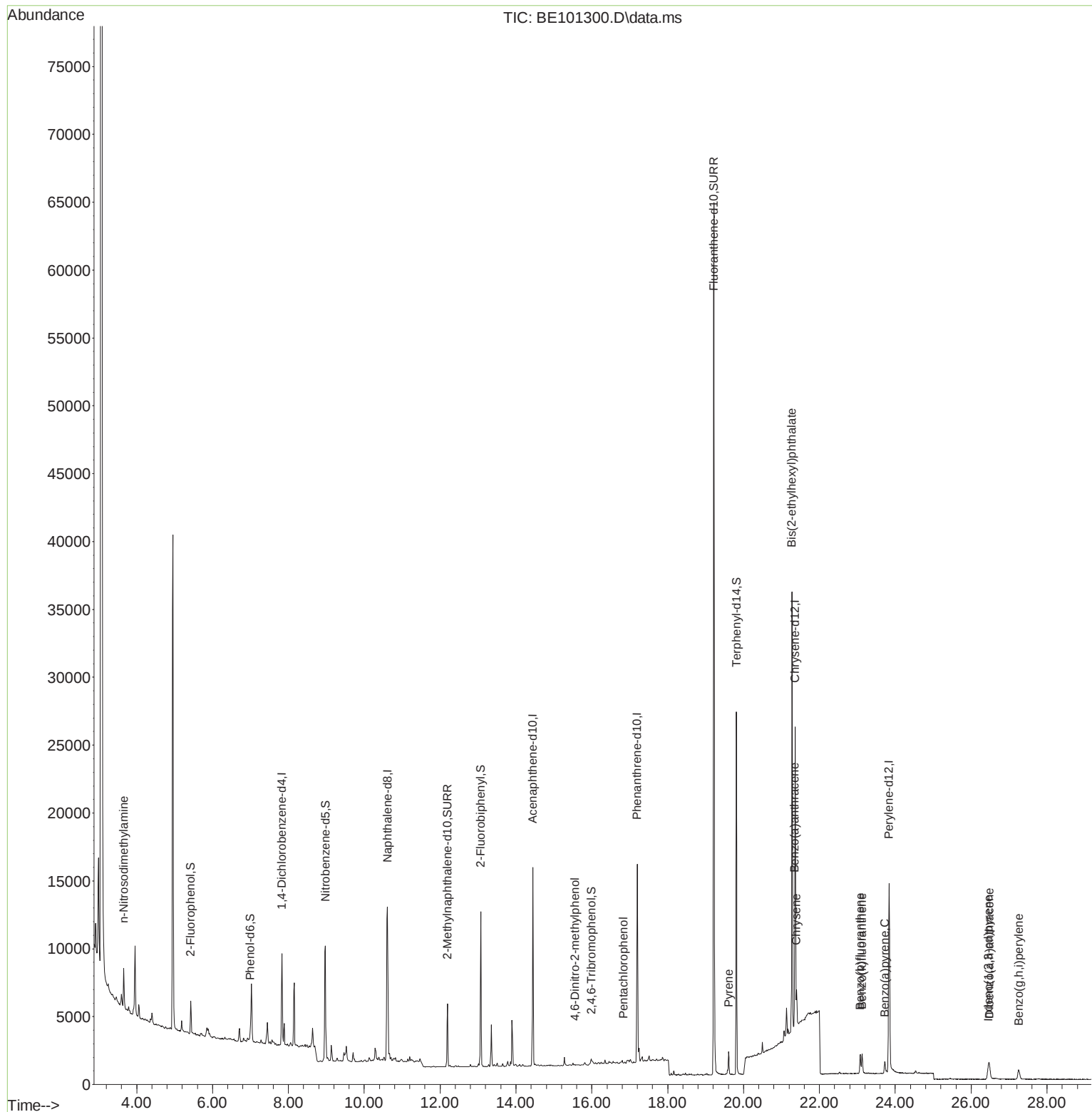
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.827	152	3001	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	12997	0.40	ng	# 0.00
13) Acenaphthene-d10	14.442	164	8205	0.40	ng	0.00
19) Phenanthrene-d10	17.196	188	20100	0.40	ng	# 0.00
29) Chrysene-d12	21.355	240	21062	0.40	ng	# 0.00
36) Perylene-d12	23.837	264	21364	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	1080	0.12	ng	-0.01
5) Phenol-d6	6.998	99	890	0.07	ng	0.00
8) Nitrobenzene-d5	8.977	82	3426	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	6260	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.986	330	249	0.10	ng	0.03
15) 2-Fluorobiphenyl	13.074	172	10221	0.36	ng	0.00
27) Fluoranthene-d10	19.215	212	86314	0.25	ng	0.00
31) Terphenyl-d14	19.813	244	23326	0.46	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.658	42	334	0.06	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.563	198	13	0.19	ng	# 1
24) Pentachlorophenol	16.833	266	6	0.26	ng	# 19
30) Pyrene	19.606	202	1539	0.02	ng	97
32) Benzo(a)anthracene	21.343	228	1927	0.03	ng	95
33) Chrysene	21.391	228	2172	0.03	ng	97
34) Bis(2-ethylhexyl)phtha...	21.270	149	37675	0.43	ng	100
35) Indeno(1,2,3-cd)pyrene	26.448	276	1990	0.03	ng	95
37) Benzo(b)fluoranthene	23.074	252	1971	0.03	ng	# 77
38) Benzo(k)fluoranthene	23.124	252	2112	0.03	ng	# 80
39) Benzo(a)pyrene	23.723	252	1579	0.02	ng	# 67
40) Dibenzo(a,h)anthracene	26.477	278	1773	0.03	ng	# 77
41) Benzo(g,h,i)perylene	27.254	276	1782	0.03	ng	# 82

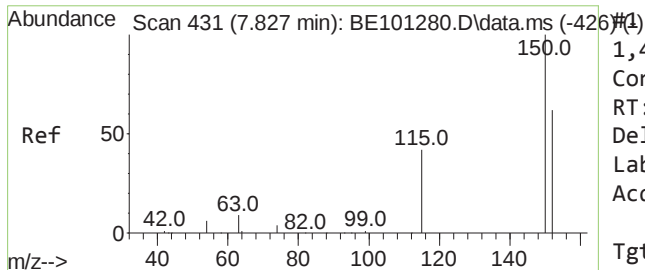
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 12 18:02:55 2021
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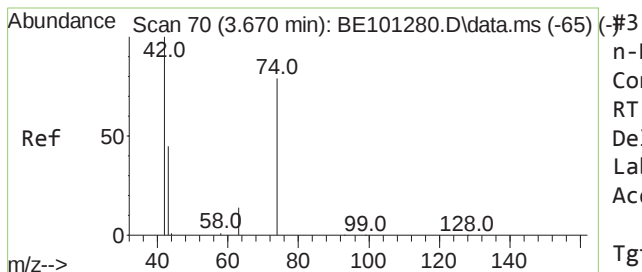
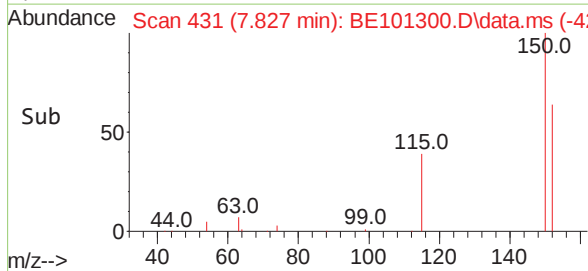
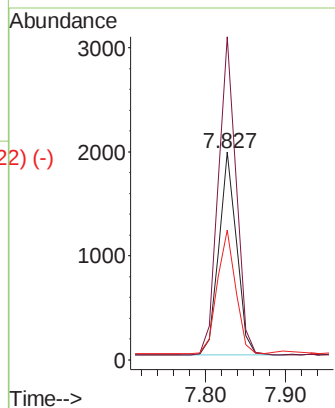
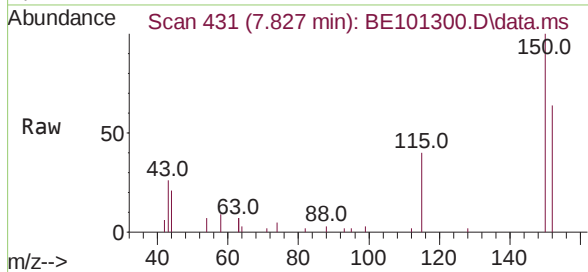




1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.827 min Scan# 431
Delta R.T. 0.000 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

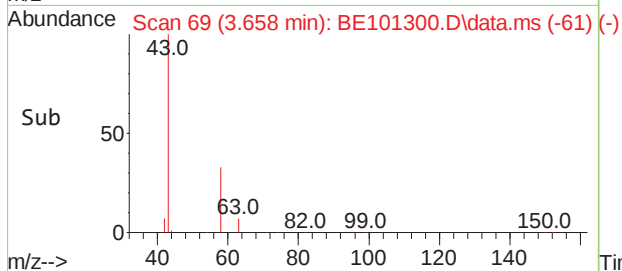
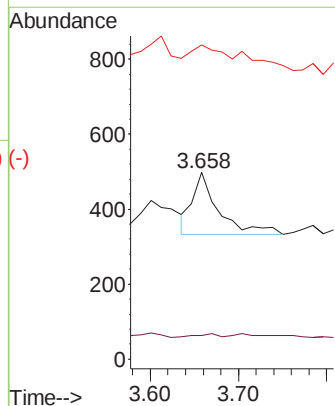
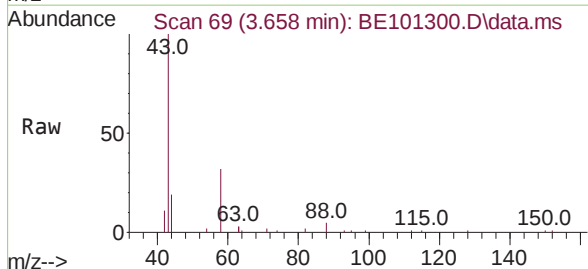
Instrument :
BNA_E
ClientSampleId :
EB_04-08-2021_SO

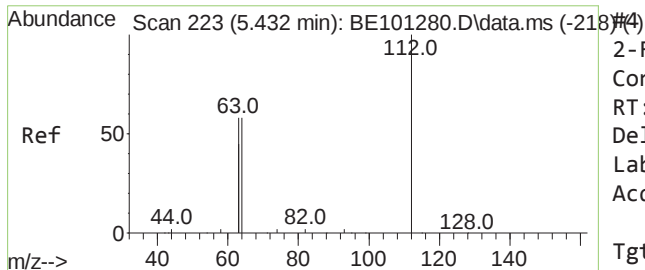
Tgt Ion:152 Resp: 3001
Ion Ratio Lower Upper
152 100
150 155.4 116.9 175.3
115 62.4 44.5 66.7



n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.658 min Scan# 69
Delta R.T. -0.012 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Tgt Ion: 42 Resp: 334
Ion Ratio Lower Upper
42 100
74 4.5 92.7 139.1#
44 54.8 10.7 16.1#

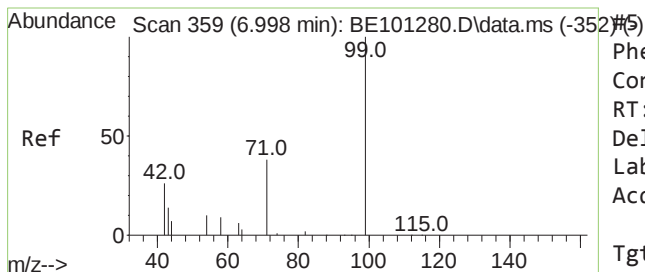
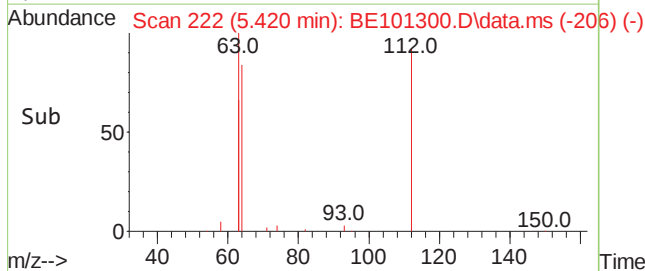
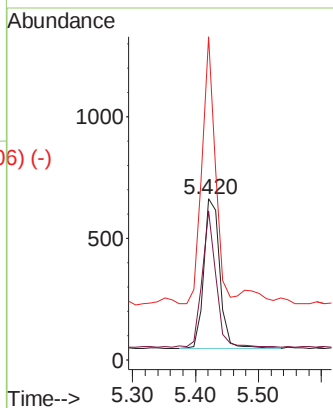
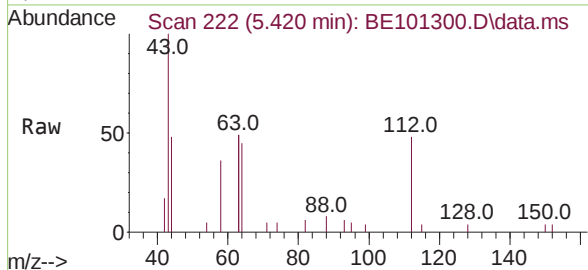




2-Fluorophenol
 Concen: 0.12 ng
 RT: 5.420 min Scan# 222
 Delta R.T. -0.012 min
 Lab File: BE101300.D
 Acq: 14 Apr 2021 14:13

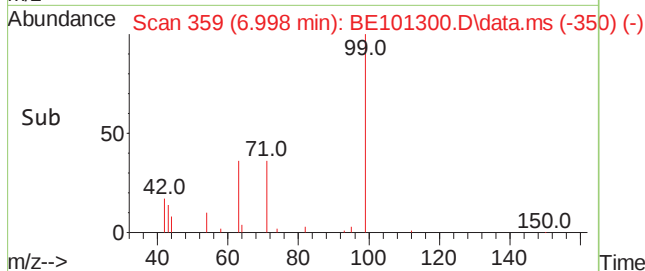
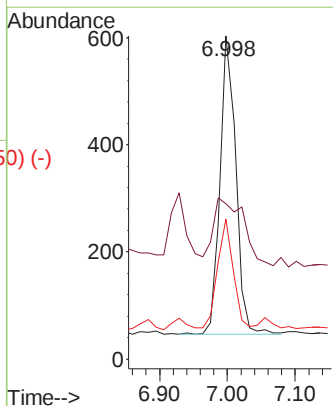
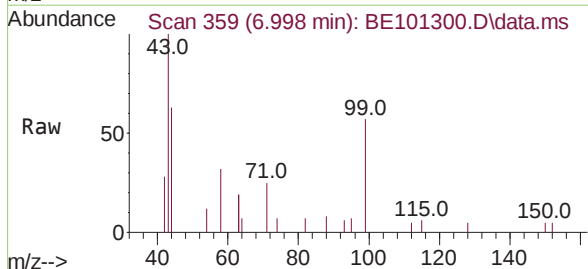
Instrument :
 BNA_E
 ClientSampleId :
 EB_04-08-2021_SO

Tgt Ion:	112	Resp:	1080
Ion	Ratio	Lower	Upper
112	100		
64	78.4	62.3	93.5
63	151.0	117.3	175.9

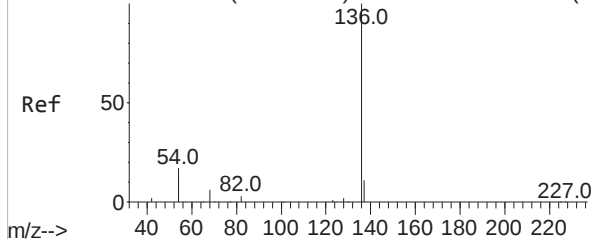


Phenol-d6
 Concen: 0.07 ng
 RT: 6.998 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: BE101300.D
 Acq: 14 Apr 2021 14:13

Tgt Ion:	99	Resp:	890
Ion	Ratio	Lower	Upper
99	100		
42	43.9	18.5	27.7#
71	36.1	26.5	39.7



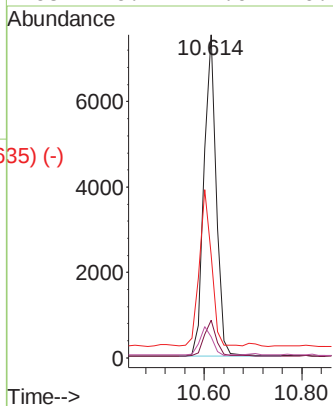
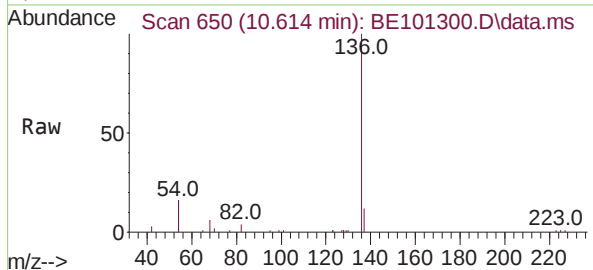
Abundance Scan 650 (10.615 min): BE101280.D\data.ms (-645) (-)



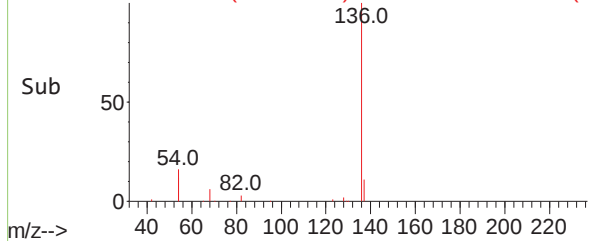
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Instrument :
BNA_E
ClientSampleId :
EB_04-08-2021_SO

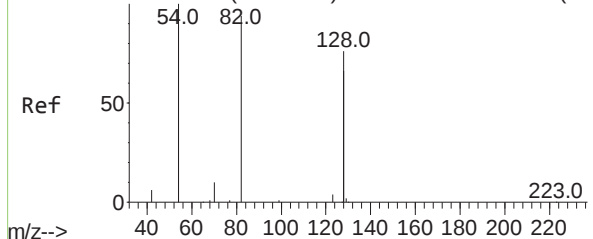
Tgt Ion:	136	Resp:	12997
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	31.8	34.7	52.1#
68	6.4	7.0	10.4#



Abundance Scan 650 (10.614 min): BE101300.D\data.ms (-635) (-)

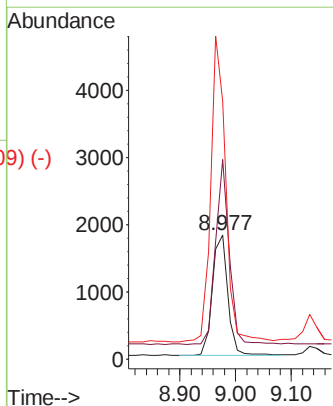
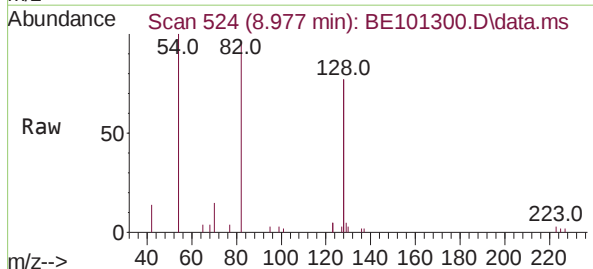


Abundance Scan 524 (8.978 min): BE101280.D\data.ms (-520) (-)

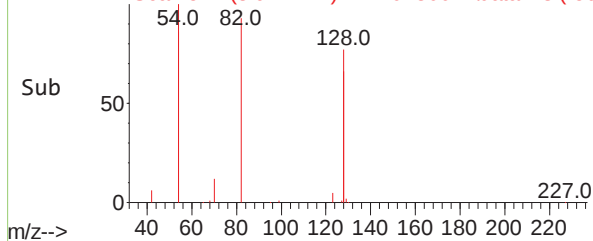


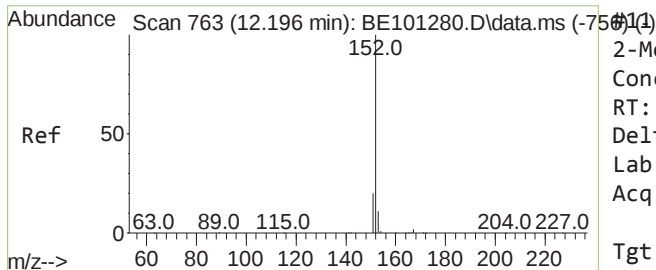
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Tgt Ion:	82	Resp:	3426
Ion	Ratio	Lower	Upper
82	100		
128	160.7	118.7	178.1
54	207.6	164.4	246.6



Abundance Scan 524 (8.977 min): BE101300.D\data.ms (-509) (-)

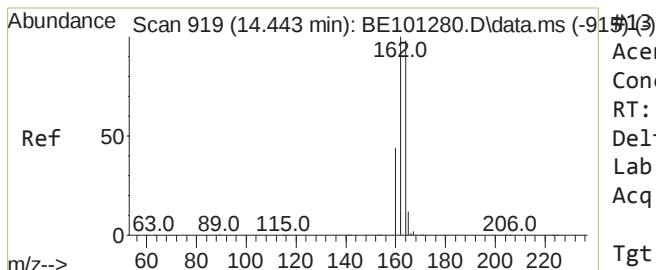
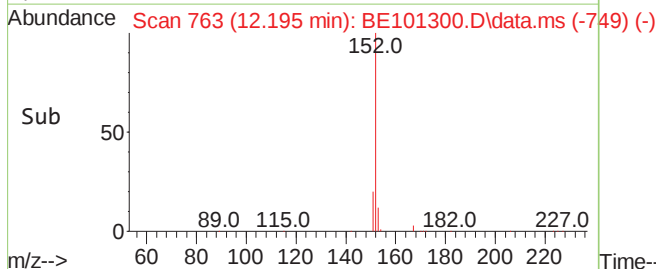
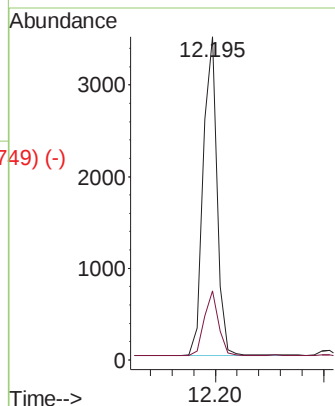
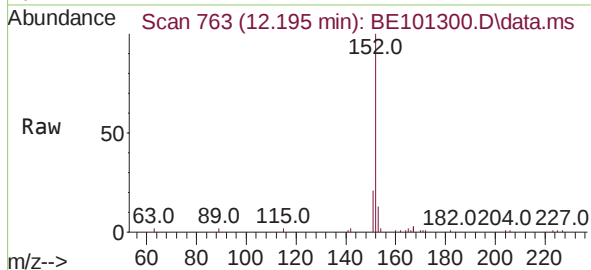




2-Methylnaphthalene-d10
 Concen: 0.21 ng
 RT: 12.195 min Scan# 763
 Delta R.T. -0.001 min
 Lab File: BE101300.D
 Acq: 14 Apr 2021 14:13

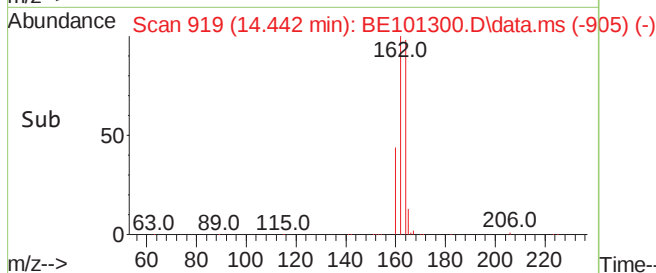
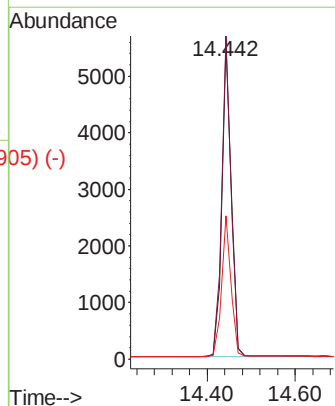
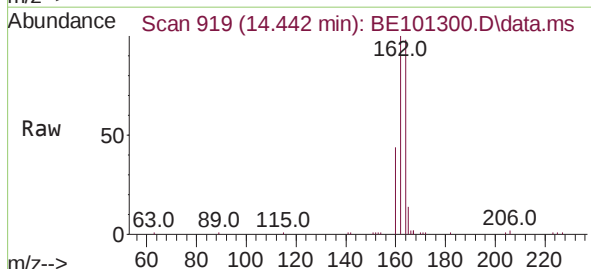
Instrument :
 BNA_E
 ClientSampleId :
 EB_04-08-2021_SO

Tgt Ion:152 Resp: 6260
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.5 24.7



Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.442 min Scan# 919
 Delta R.T. -0.001 min
 Lab File: BE101300.D
 Acq: 14 Apr 2021 14:13

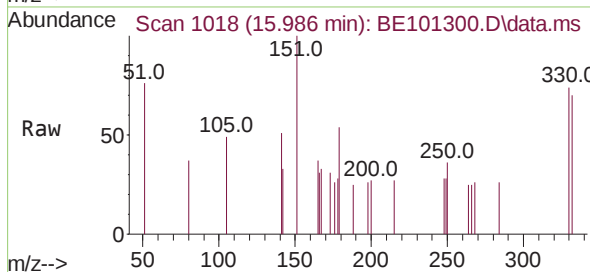
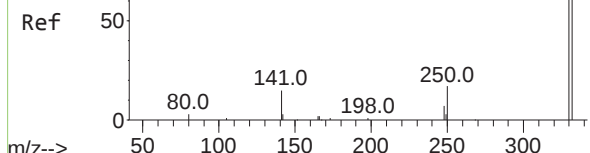
Tgt Ion:164 Resp: 8205
 Ion Ratio Lower Upper
 164 100
 162 102.2 85.3 127.9
 160 45.3 39.1 58.7



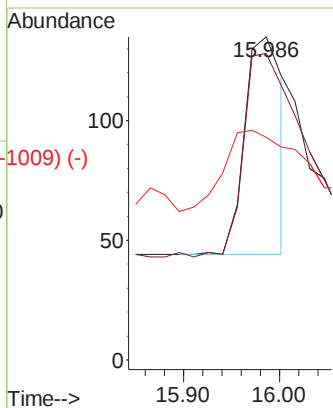
Abundance Scan 1016 (15.956 min): BE101280.D\data.ms (-1011)

2,4,6-Tribromophenol
Concen: 0.10 ng
RT: 15.986 min Scan# 1018
Delta R.T. 0.031 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

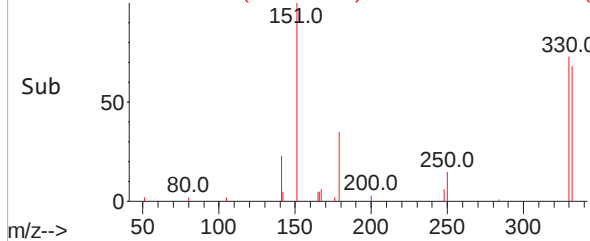
Instrument :
BNA_E
ClientSampleId :
EB_04-08-2021_SO



Tgt Ion:	330	Resp:	249
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.8	116.6
141	54.6	30.4	45.6#

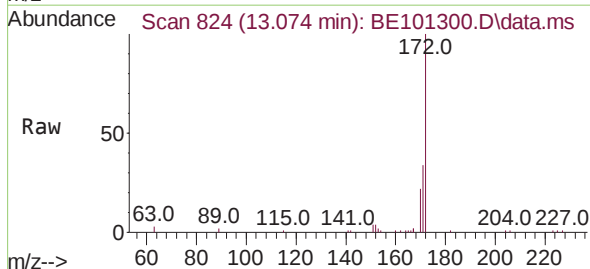
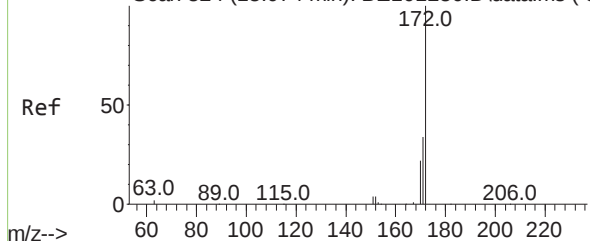


Abundance Scan 1018 (15.986 min): BE101300.D\data.ms (-1009)

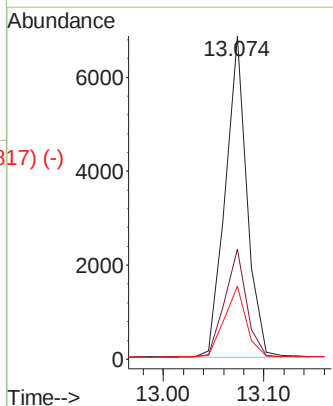


Abundance Scan 824 (13.074 min): BE101280.D\data.ms (-82015)

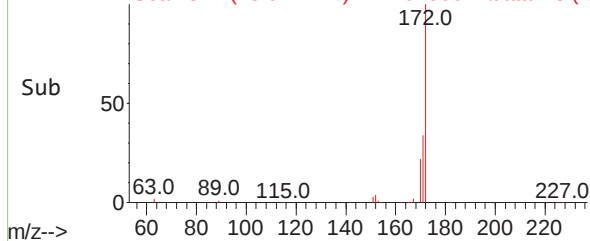
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

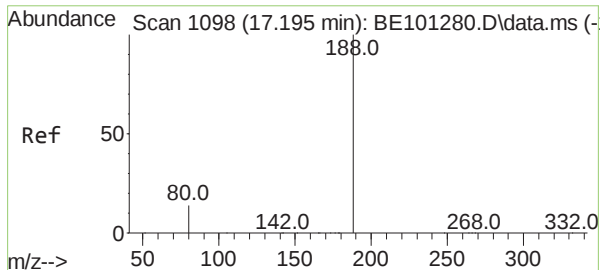


Tgt Ion:	172	Resp:	10221
Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.7	43.1
170	22.5	19.3	28.9



Abundance Scan 824 (13.074 min): BE101300.D\data.ms (-817)

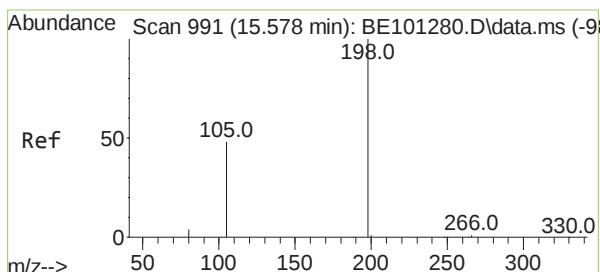
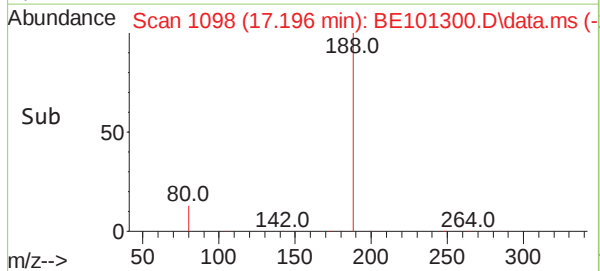
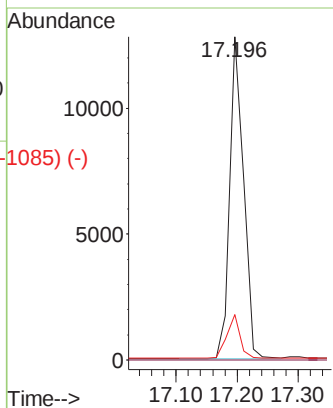
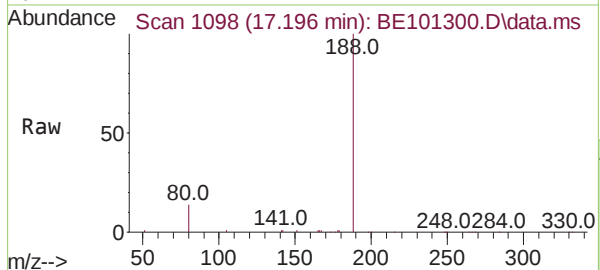




Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.196 min Scan# 1098
 Delta R.T. 0.001 min
 Lab File: BE101300.D
 Acq: 14 Apr 2021 14:13

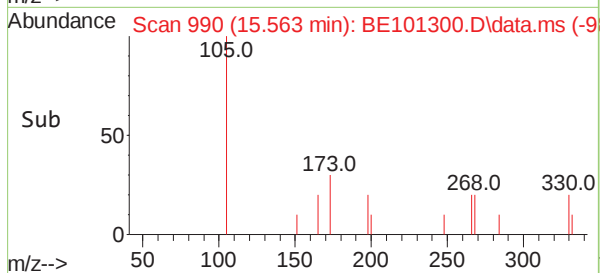
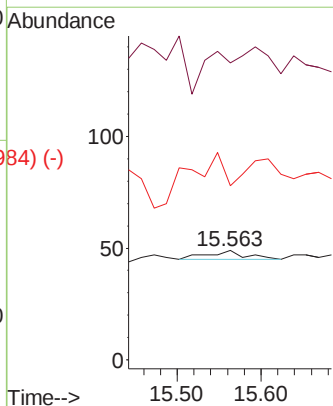
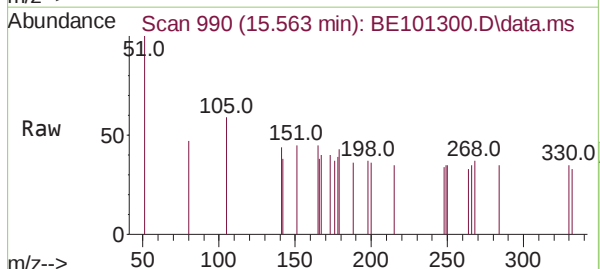
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Tgt Ion:	188	Resp:	20100
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	4.6	6.8#

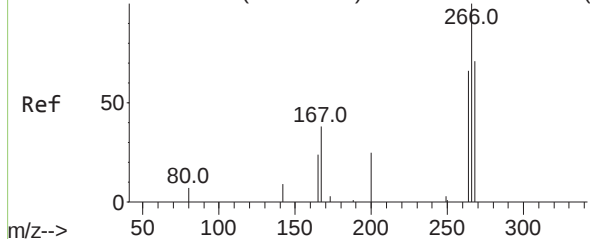


4,6-Dinitro-2-methylphenol
 Concen: 0.19 ng
 RT: 15.563 min Scan# 990
 Delta R.T. -0.015 min
 Lab File: BE101300.D
 Acq: 14 Apr 2021 14:13

Tgt Ion:	198	Resp:	13
Ion	Ratio	Lower	Upper
198	100		
51	271.4	55.9	83.9#
105	159.2	33.6	50.4#



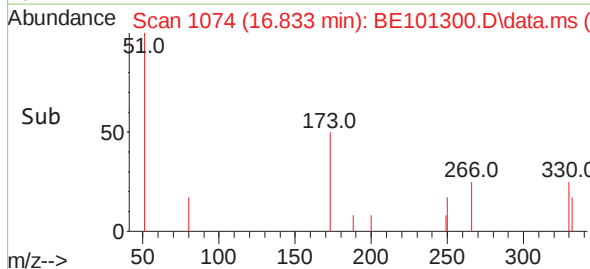
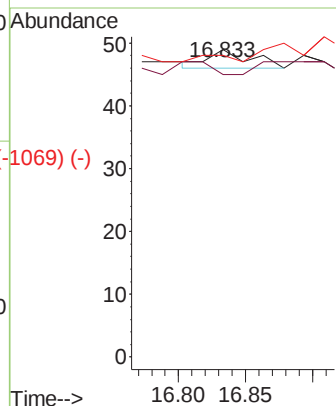
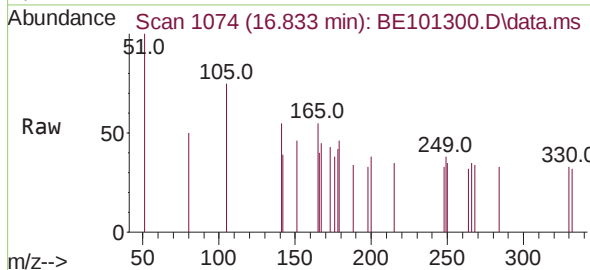
Abundance Scan 1076 (16.863 min): BE101280.D\data.ms (-1076) (-)



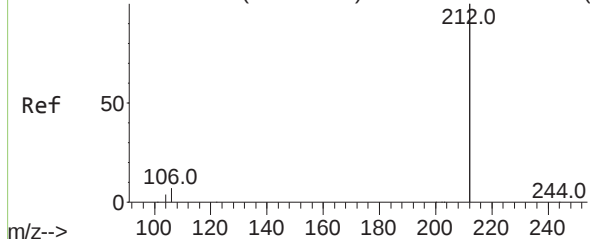
Pentachlorophenol
Concen: 0.26 ng
RT: 16.833 min Scan# 1074
Delta R.T. -0.030 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Instrument :
BNA_E
ClientSampleId :
EB_04-08-2021_SO

Tgt Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.1	73.7#
268	0.0	50.6	76.0#

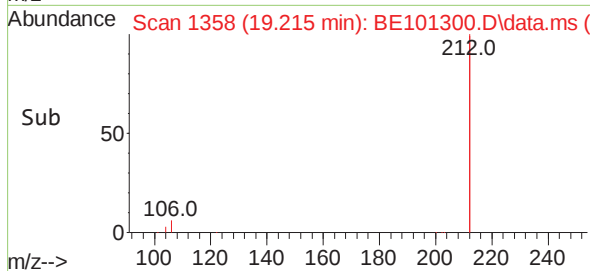
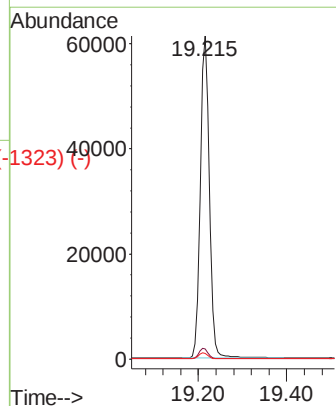
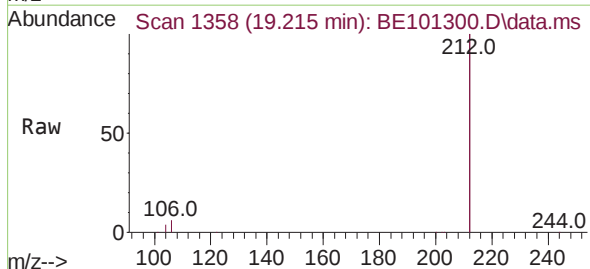


Abundance Scan 1358 (19.214 min): BE101280.D\data.ms (-1358) (-)



Fluoranthene-d10
Concen: 0.25 ng
RT: 19.215 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

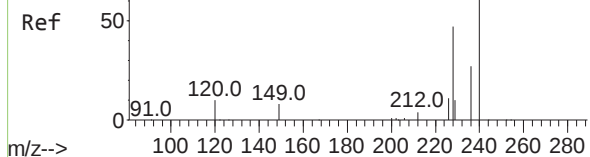
Tgt Ion:	212	Resp:	86314
Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	4.0
104	1.9	1.4	2.2



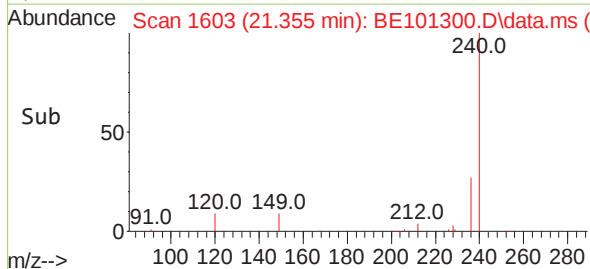
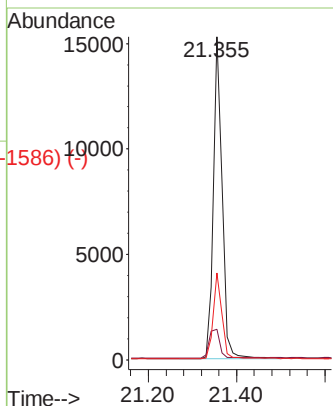
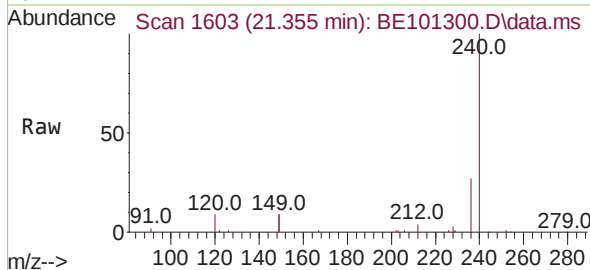
Abundance Scan 1604 (21.354 min): BE101280.D\data.ms (-1524) (-)

Chrysene-d12
Concen: 0.40 ng
RT: 21.355 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Instrument :
BNA_E
ClientSampleId :
EB_04-08-2021_SO

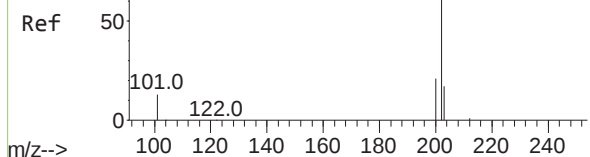


Tgt Ion:	240	Resp:	21062
Ion	Ratio	Lower	Upper
240	100		
120	9.4	10.2	15.4#
236	26.9	21.7	32.5

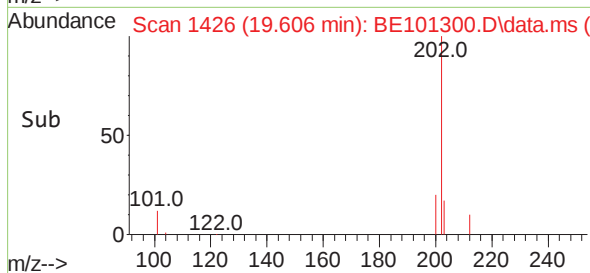
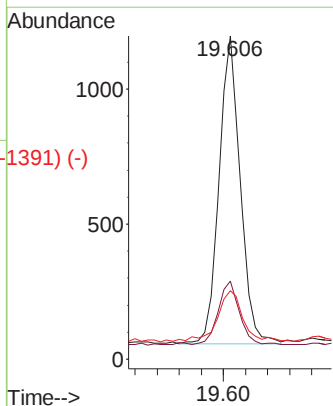
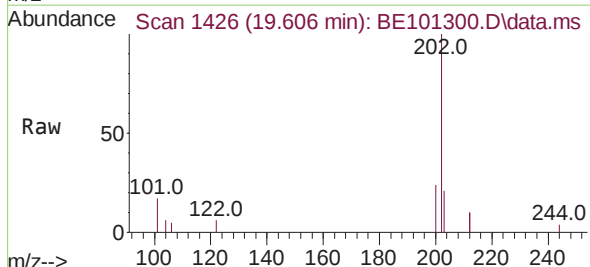


Abundance Scan 1426 (19.605 min): BE101280.D\data.ms (-1330) (-)

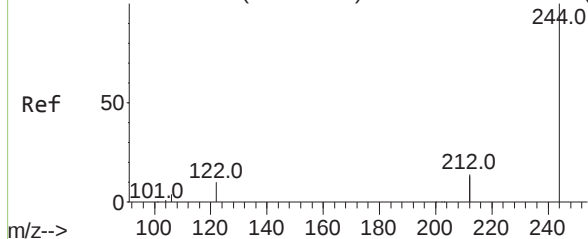
Pyrene
Concen: 0.02 ng
RT: 19.606 min Scan# 1426
Delta R.T. 0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13



Tgt Ion:	202	Resp:	1539
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	20.5	13.8	20.8



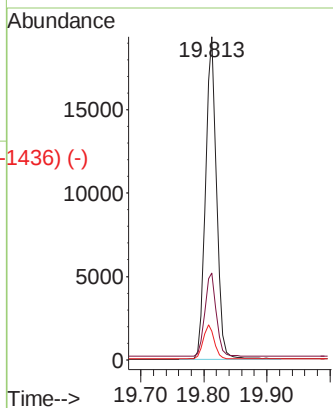
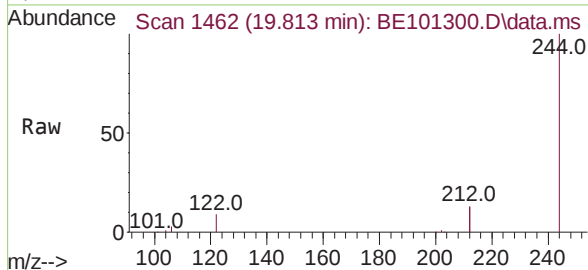
Abundance Scan 1462 (19.812 min): BE101280.D\data.ms (-1436) (-)



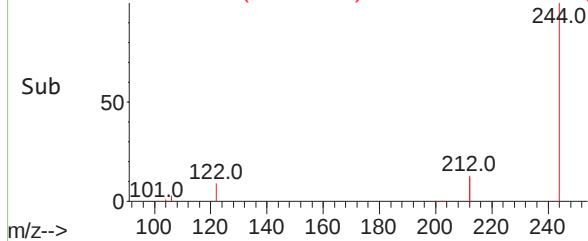
Terphenyl-d14
Concen: 0.46 ng
RT: 19.813 min Scan# 1462
Delta R.T. 0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Instrument :
BNA_E
ClientSampleId :
EB_04-08-2021_SO

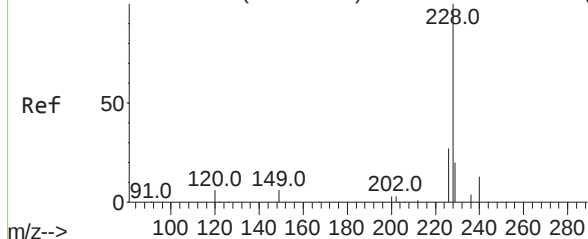
Tgt Ion:	244	Resp:	23326
Ion	Ratio	Lower	Upper
244	100		
212	26.8	21.9	32.9
122	8.9	7.3	10.9



Abundance Scan 1462 (19.813 min): BE101300.D\data.ms (-1436) (-)

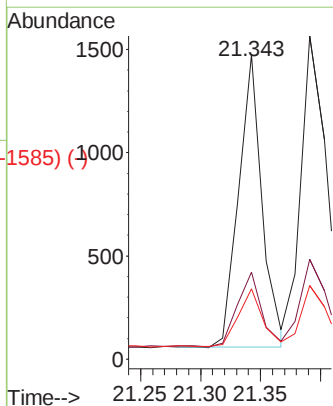
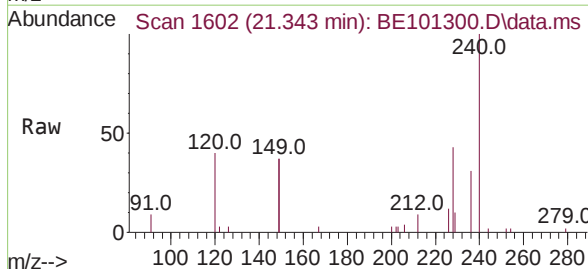


Abundance Scan 1603 (21.342 min): BE101280.D\data.ms (-1585) (-)

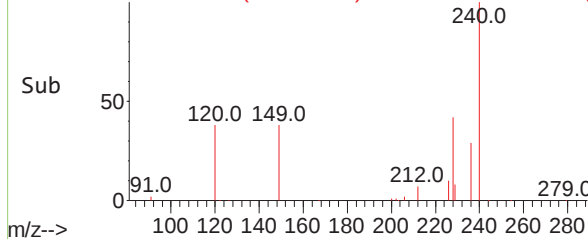


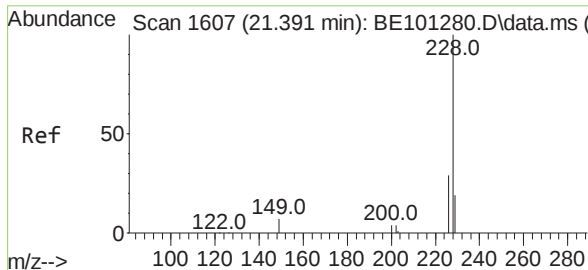
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.343 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Tgt Ion:	228	Resp:	1927
Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.4	32.2
229	23.0	15.7	23.5



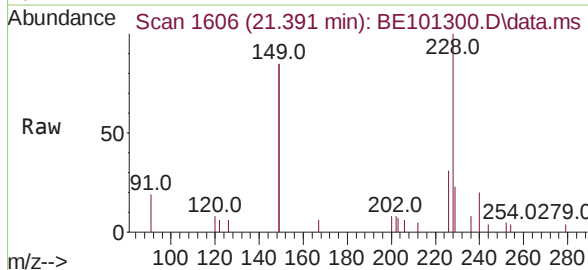
Abundance Scan 1602 (21.343 min): BE101300.D\data.ms (-1585) (-)



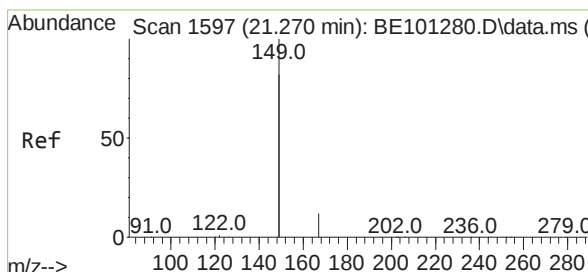
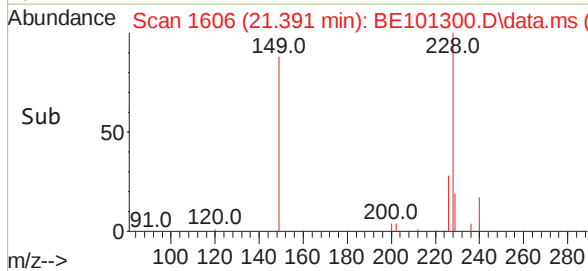
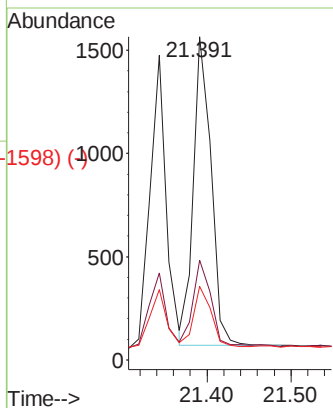


#33 (-)
Chrysene
Concen: 0.03 ng
RT: 21.391 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

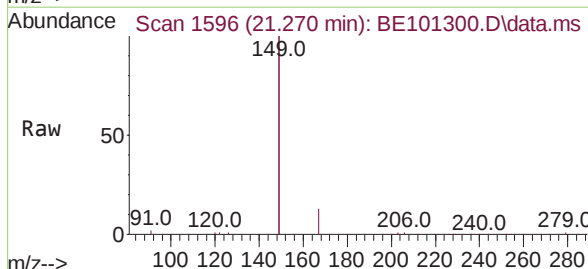
Instrument :
BNA_E
ClientSampleId :
EB_04-08-2021_SO



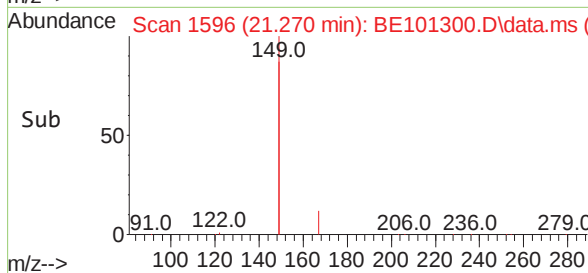
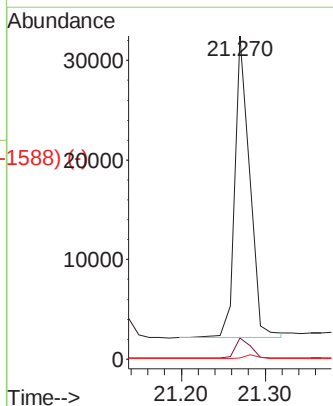
Tgt Ion:	228	Resp:	2172
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	22.7	15.2	22.8



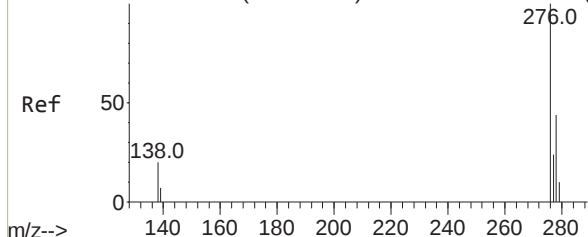
#34 (-)
Bis(2-ethylhexyl)phthalate
Concen: 0.43 ng
RT: 21.270 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13



Tgt Ion:	149	Resp:	37675
Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.5	8.3
279	1.2	1.0	1.4

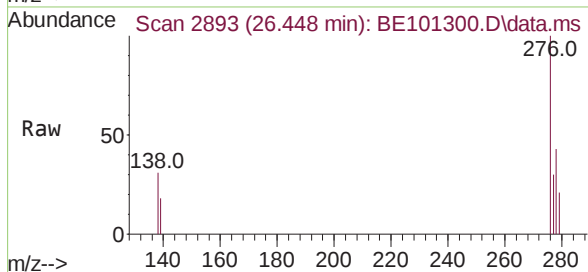


Abundance Scan 2896 (26.455 min): BE101280.D\data.ms (-2896) (-)

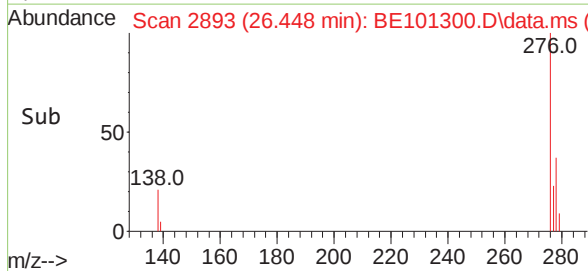
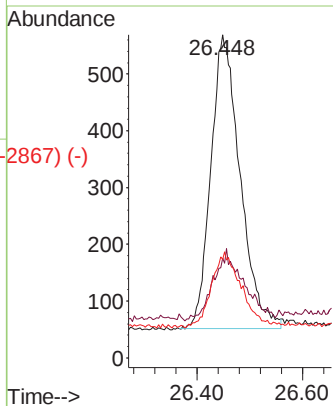


Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 26.448 min Scan# 2893
Delta R.T. -0.007 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

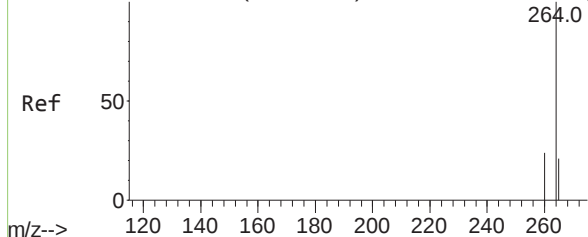
Instrument :
BNA_E
ClientSampleId :
EB_04-08-2021_SO



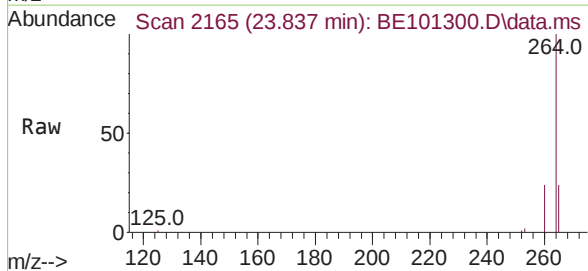
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	17.4	26.0
277	26.3	19.8	29.8



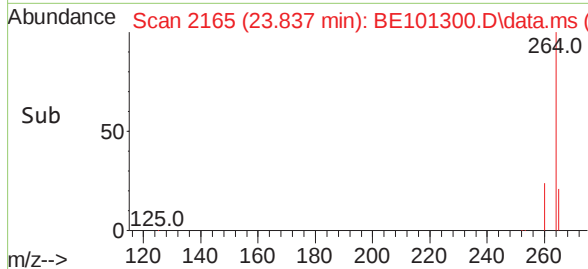
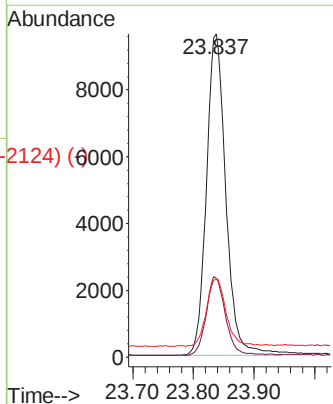
Abundance Scan 2167 (23.842 min): BE101280.D\data.ms (-2167) (-)



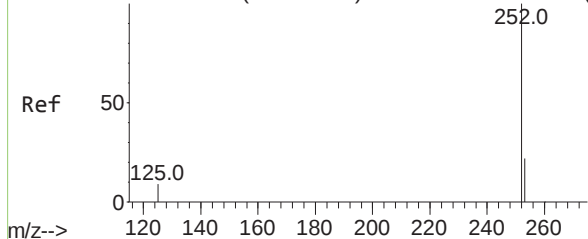
Perylene-d12
Concen: 0.40 ng
RT: 23.837 min Scan# 2165
Delta R.T. -0.005 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13



Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	24.3	22.4	33.6



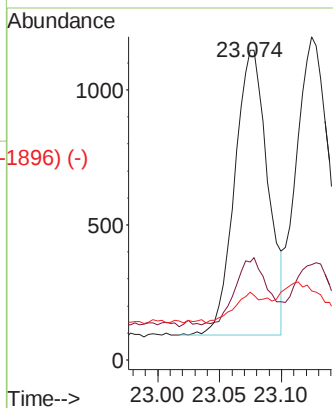
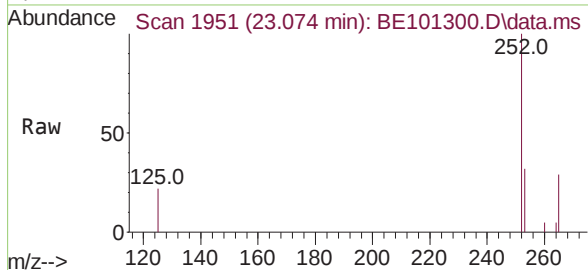
Abundance Scan 1953 (23.079 min): BE101280.D\data.ms (-1937) (-)



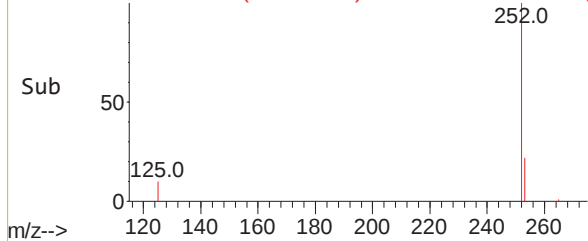
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 23.074 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Tgt Ion:	252	Resp:	1971
Ion	Ratio	Lower	Upper
252	100		
253	31.6	18.1	27.1#
125	21.8	7.6	11.4#

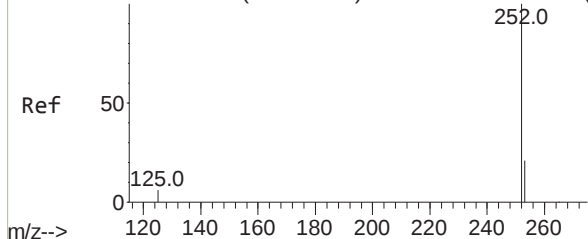
Instrument :
BNA_E
ClientSampleId :
EB_04-08-2021_SO



Abundance Scan 1951 (23.074 min): BE101300.D\data.ms (-1896) (-)

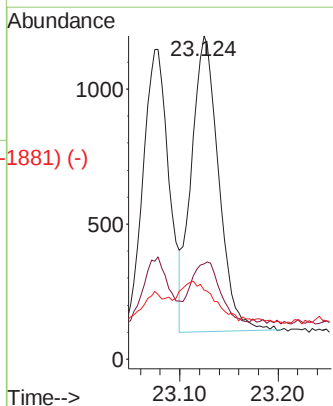
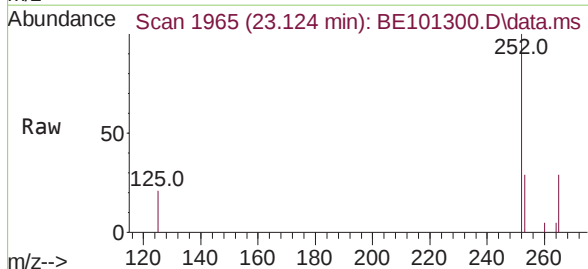


Abundance Scan 1966 (23.125 min): BE101280.D\data.ms (-1938) (-)

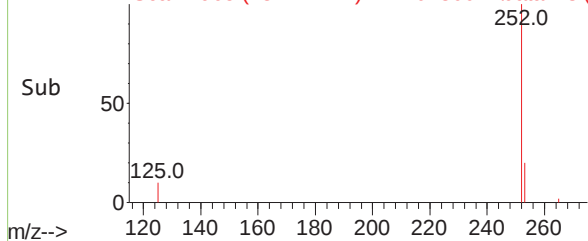


Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 23.124 min Scan# 1965
Delta R.T. -0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Tgt Ion:	252	Resp:	2112
Ion	Ratio	Lower	Upper
252	100		
253	29.4	17.8	26.6#
125	21.4	7.6	11.4#



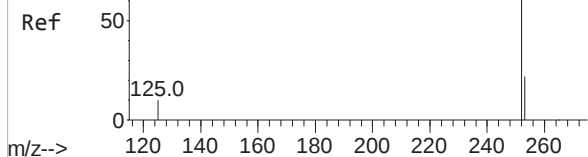
Abundance Scan 1965 (23.124 min): BE101300.D\data.ms (-1881) (-)



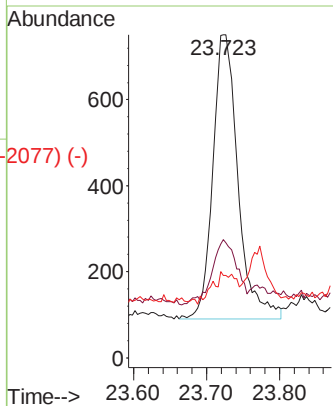
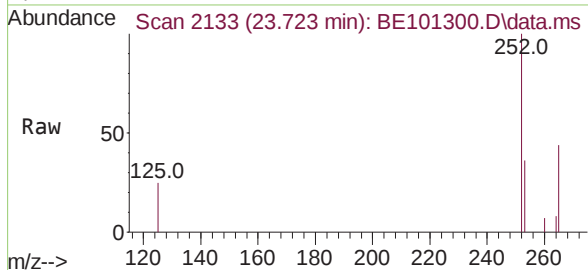
Abundance Scan 2134 (23.724 min): BE101280.D\data.ms (-2134) (-)

Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.723 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

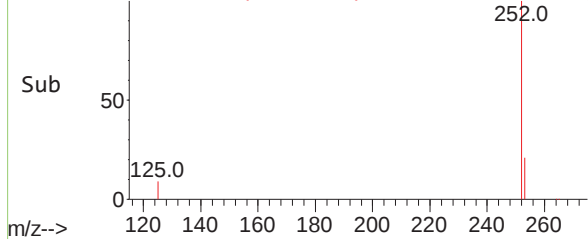
Instrument :
BNA_E
ClientSampleId :
EB_04-08-2021_SO



Tgt Ion:	252	Resp:	1579
Ion	Ratio	Lower	Upper
252	100		
253	36.5	18.0	27.0#
125	25.4	8.0	12.0#



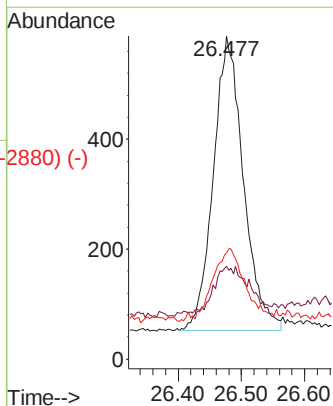
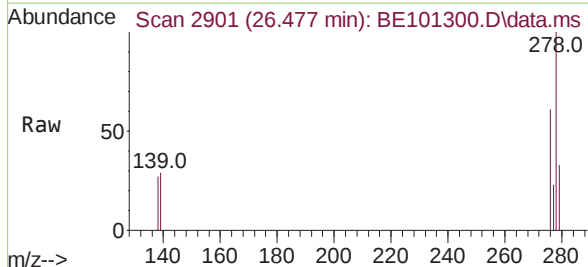
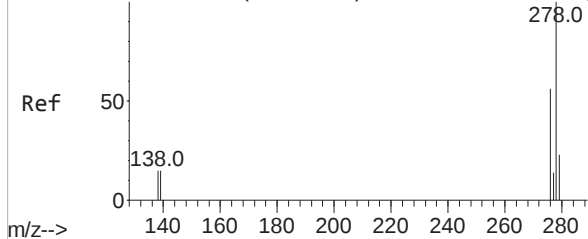
Abundance Scan 2133 (23.723 min): BE101300.D\data.ms (-2077) (-)



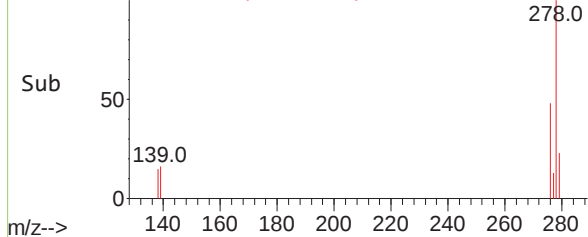
Abundance Scan 2903 (26.480 min): BE101280.D\data.ms (-2903) (-)

Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 26.477 min Scan# 2901
Delta R.T. -0.004 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

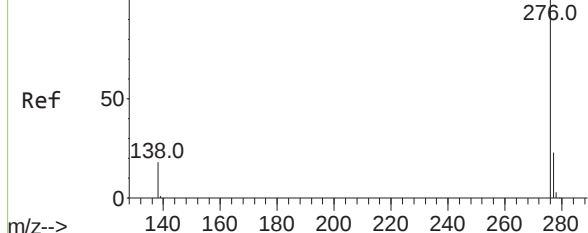
Tgt Ion:	278	Resp:	1773
Ion	Ratio	Lower	Upper
278	100		
139	28.7	12.2	18.2#
279	32.8	19.3	28.9#



Abundance Scan 2901 (26.477 min): BE101300.D\data.ms (-2880) (-)

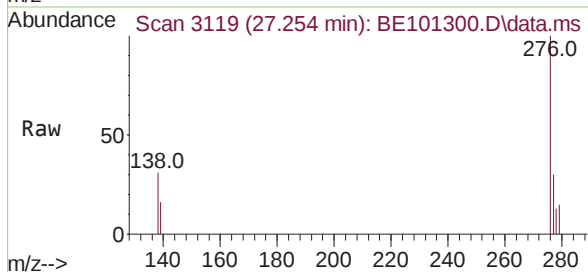


Abundance Scan 3121 (27.258 min): BE101280.D\data.ms (-3064) (-)



Benzo(g,h,i)perylene
 Concen: 0.03 ng
 RT: 27.254 min Scan# 3119
 Delta R.T. -0.004 min
 Lab File: BE101300.D
 Acq: 14 Apr 2021 14:13

Instrument :
 BNA_E
 ClientSampleId :
 EB_04-08-2021_SO



Tgt Ion:	276	Resp:	1782
Ion	Ratio	Lower	Upper
276	100		
277	30.2	19.4	29.0#
138	30.5	15.2	22.8#

