

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040121\
 Data File : BE101179.D
 Acq On : 1 Apr 2021 16:08
 Operator : CG/JU
 Sample : M1843-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB02-20210325

Quant Time: Apr 01 16:52:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 12:49:55 2021
 Response via : Initial Calibration

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

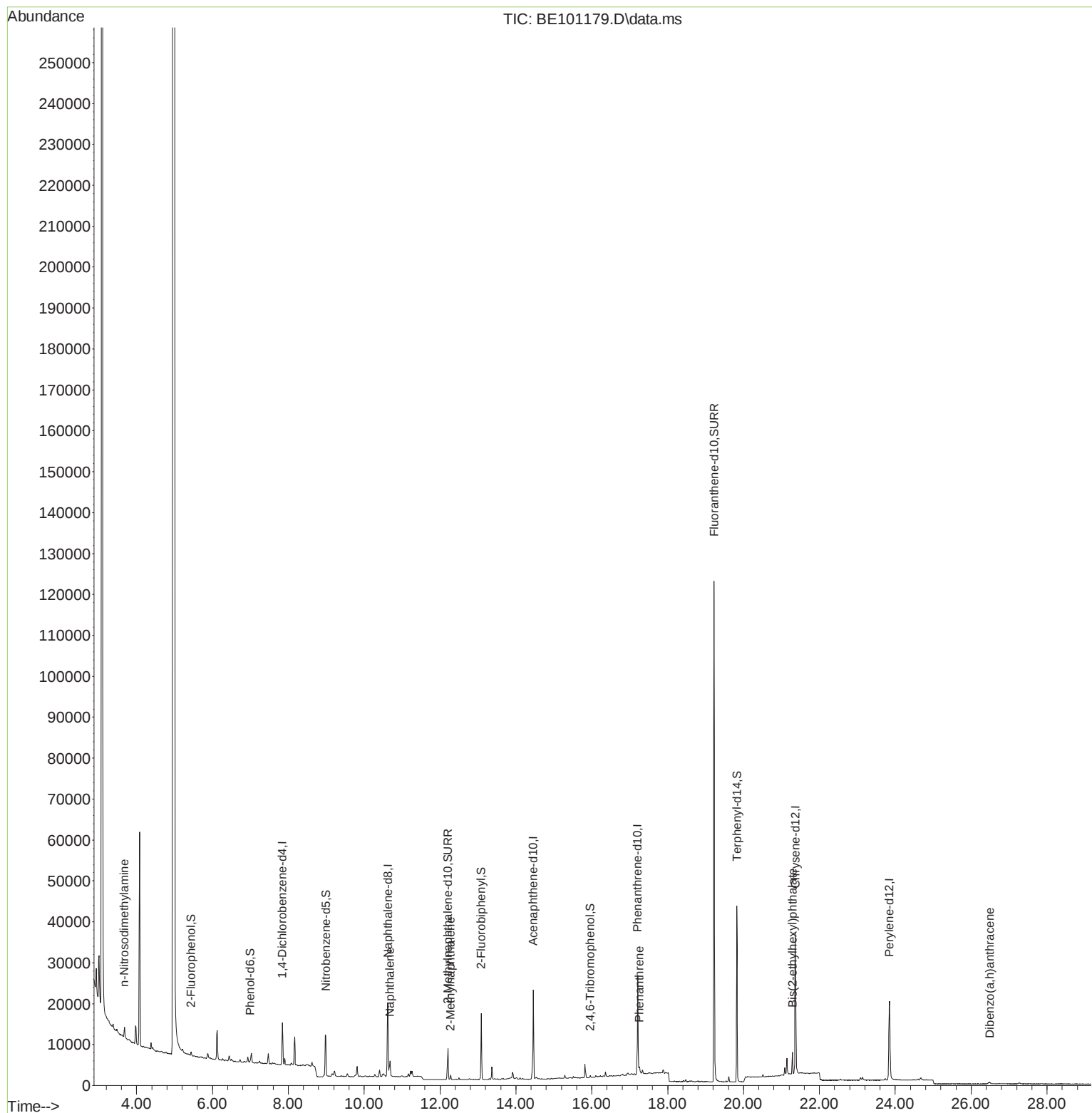
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	4512	0.40	ng	0.00
7) Naphthalene-d8	10.626	136	19513	0.40	ng	# 0.00
13) Acenaphthene-d10	14.457	164	12126	0.40	ng	0.00
19) Phenanthrene-d10	17.211	188	30907	0.40	ng	# 0.00
29) Chrysene-d12	21.367	240	34050	0.40	ng	0.00
36) Perylene-d12	23.848	264	30610	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	460	0.04	ng	0.00
5) Phenol-d6	7.001	99	531	0.03	ng	0.00
8) Nitrobenzene-d5	8.990	82	4275	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.209	152	9769	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	252	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.088	172	13812	0.30	ng	0.00
27) Fluoranthene-d10	19.226	212	161624	0.41	ng	0.00
31) Terphenyl-d14	19.823	244	36326	0.47	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.672	42	395	0.05	ng	# 1
9) Naphthalene	10.678	128	5431	0.03	ng	# 96
12) 2-Methylnaphthalene	12.281	142	764	0.02	ng	# 92
25) Phenanthrene	17.257	178	2018	0.02	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.295	149	6157	0.11	ng	# 97
40) Dibenzo(a,h)anthracene	26.492	278	494	0.11	ng	# 33

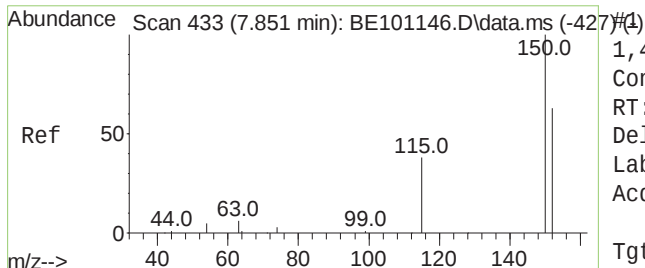
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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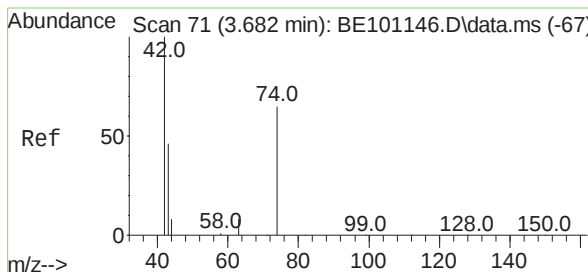
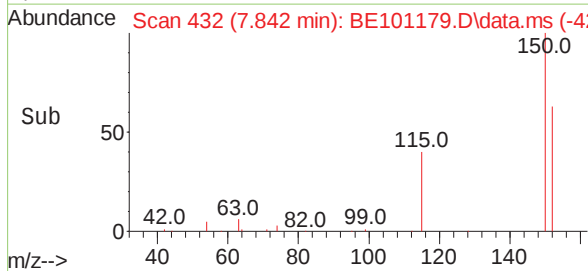
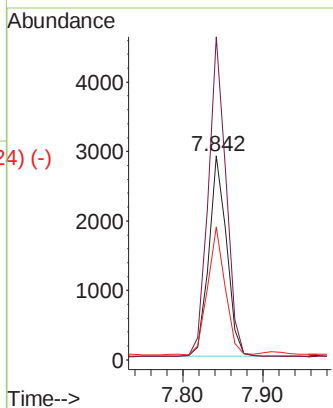
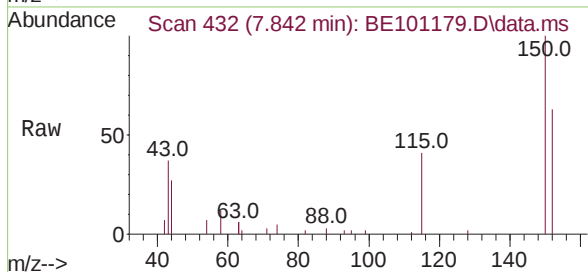




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.842 min Scan# 432
 Delta R.T. -0.008 min
 Lab File: BE101179.D
 Acq: 1 Apr 2021 16:08

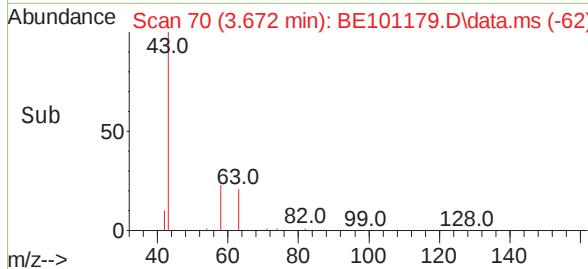
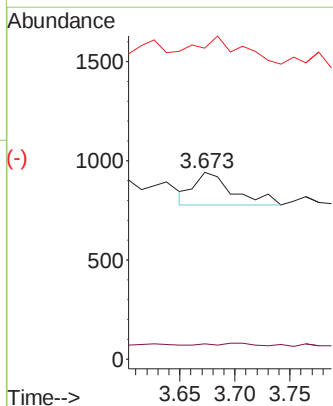
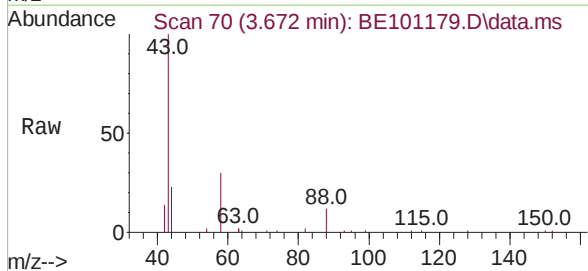
Instrument :
 BNA_E
 ClientSampleId :
 EB02-20210325

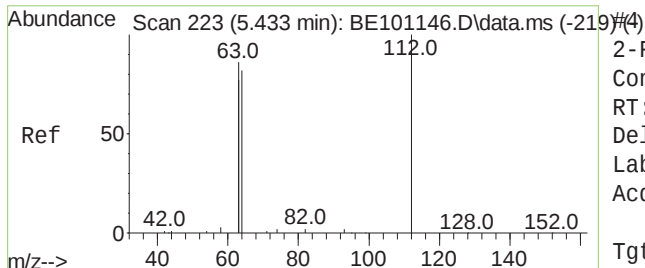
Tgt Ion:	152	Resp:	4512
Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.3	189.5
115	65.2	48.9	73.3



n-Nitrosodimethylamine
 Concen: 0.05 ng
 RT: 3.672 min Scan# 70
 Delta R.T. -0.008 min
 Lab File: BE101179.D
 Acq: 1 Apr 2021 16:08

Tgt Ion:	42	Resp:	395
Ion	Ratio	Lower	Upper
42	100		
74	0.0	87.0	130.6#
44	98.0	8.3	12.5#

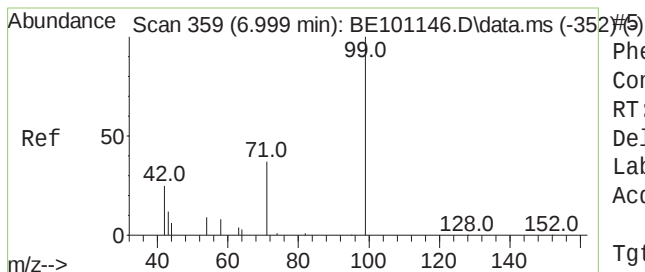
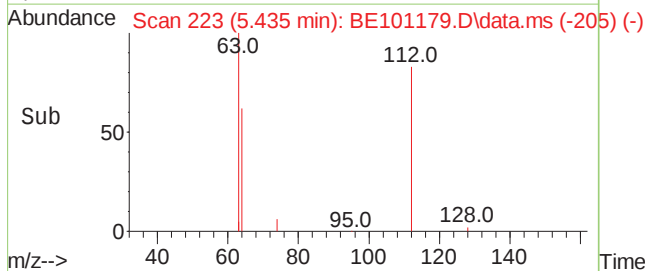
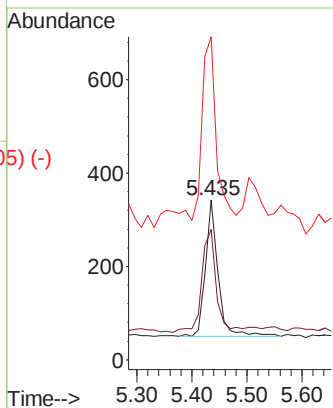
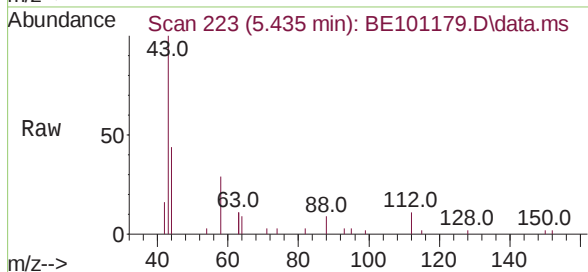




2-Fluorophenol
 Concen: 0.04 ng
 RT: 5.435 min Scan# 223
 Delta R.T. 0.003 min
 Lab File: BE101179.D
 Acq: 1 Apr 2021 16:08

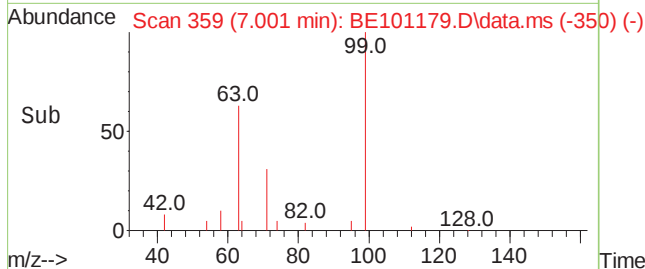
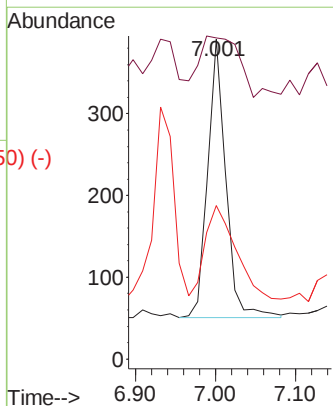
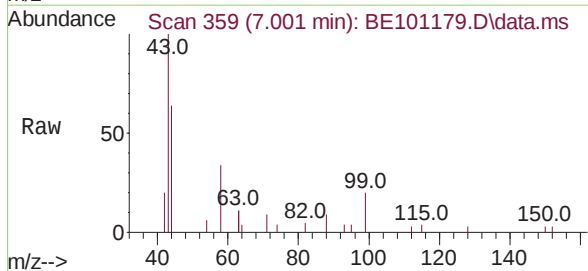
Instrument :
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 EB02-20210325

Tgt Ion:	112	Resp:	460
Ion	Ratio	Lower	Upper
112	100		
64	88.3	60.8	91.2
63	151.3	119.4	179.0

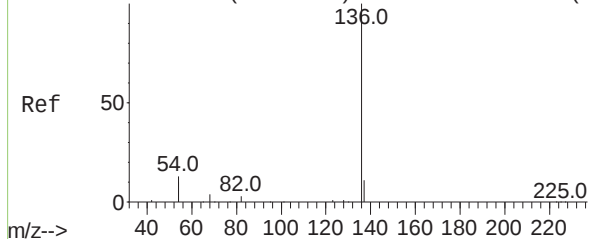


Phenol-d6
 Concen: 0.03 ng
 RT: 7.001 min Scan# 359
 Delta R.T. 0.003 min
 Lab File: BE101179.D
 Acq: 1 Apr 2021 16:08

Tgt Ion:	99	Resp:	531
Ion	Ratio	Lower	Upper
99	100		
42	40.7	18.8	28.2#
71	57.4	26.3	39.5#



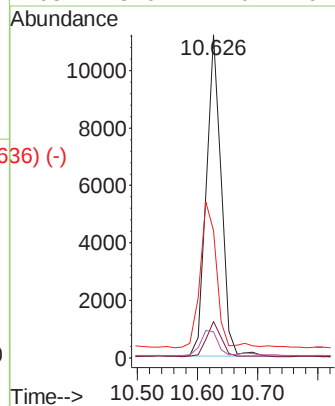
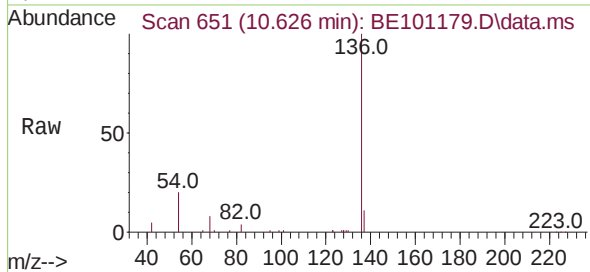
Abundance Scan 652 (10.640 min): BE101146.D\data.ms (-6447-)



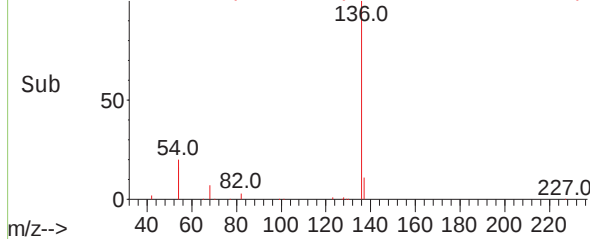
Naphthalene-d8
Concen: 0.40 ng
RT: 10.626 min Scan# 651
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Instrument :
BNA_E
ClientSampleId :
EB02-20210325

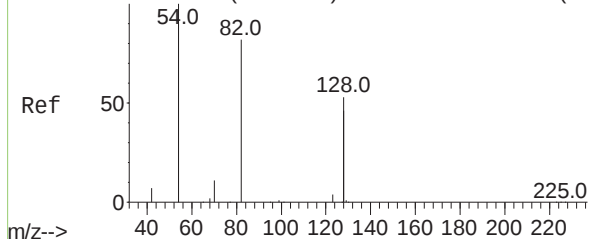
Tgt Ion:	136	Resp:	19513
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	39.5	20.2	30.4#
68	8.0	4.0	6.0#



Abundance Scan 651 (10.626 min): BE101179.D\data.ms (-636-)

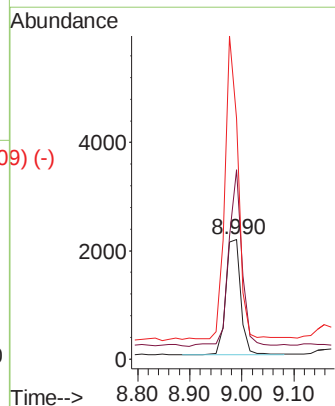
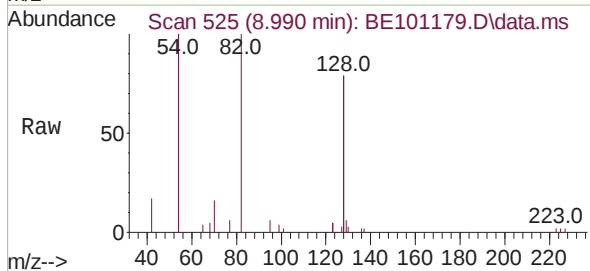


Abundance Scan 525 (8.991 min): BE101146.D\data.ms (-52278)

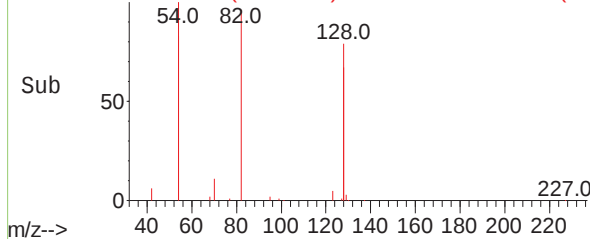


Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.990 min Scan# 525
Delta R.T. 0.012 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

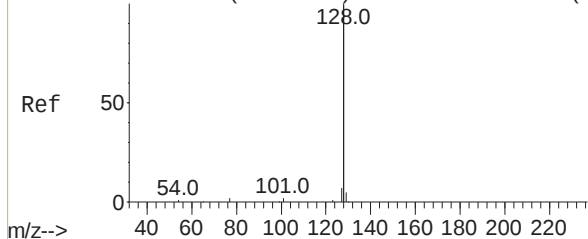
Tgt Ion:	82	Resp:	4275
Ion Ratio	Lower	Upper	
82	100		
128	158.0	101.5	152.3#
54	200.8	189.8	284.6



Abundance Scan 525 (8.990 min): BE101179.D\data.ms (-509-)



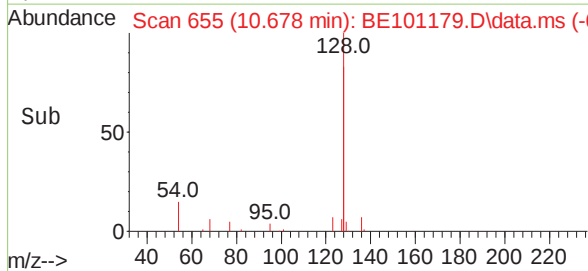
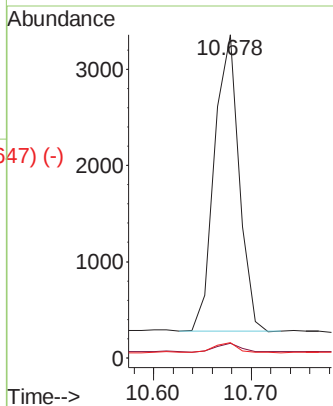
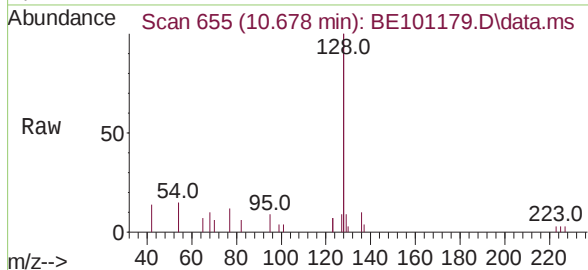
Abundance Scan 655 (10.679 min): BE101146.D\data.ms (-6509-)



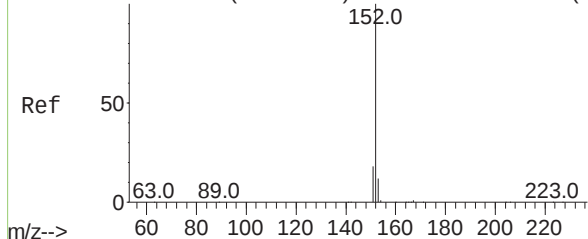
Naphthalene
Concen: 0.03 ng
RT: 10.678 min Scan# 655
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Instrument :
BNA_E
ClientSampleId :
EB02-20210325

Tgt Ion:	128	Resp:	5431
Ion	Ratio	Lower	Upper
128	100		
129	4.4	2.2	3.2#
127	4.7	2.7	4.1#

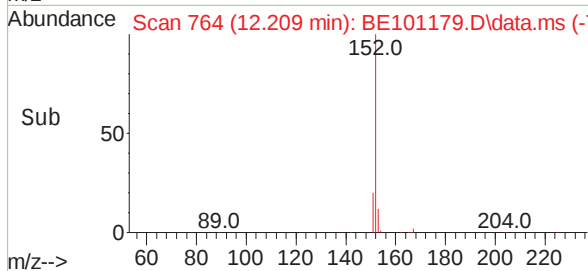
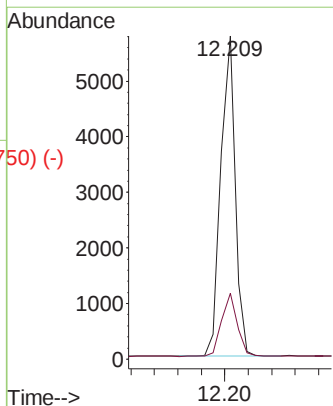
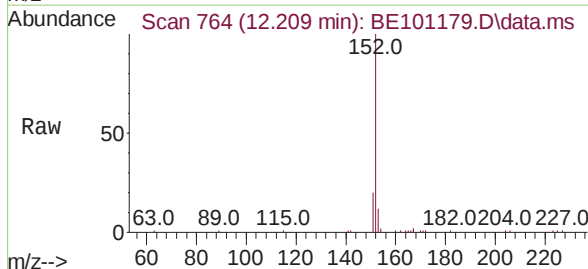


Abundance Scan 764 (12.210 min): BE101146.D\data.ms (-75711)

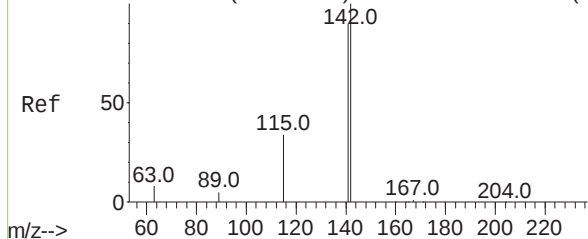


2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.209 min Scan# 764
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Tgt Ion:	152	Resp:	9769
Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.6	24.8



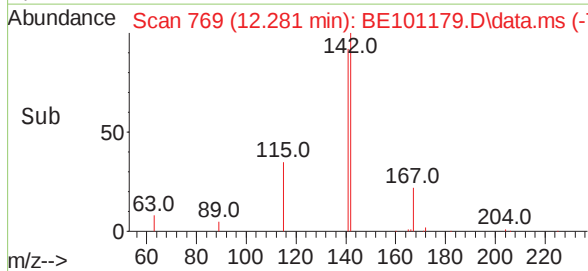
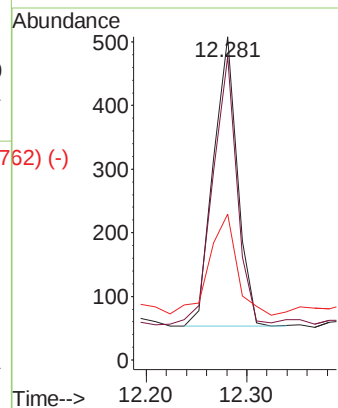
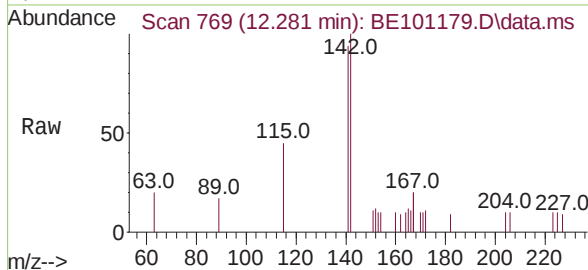
Abundance Scan 769 (12.282 min): BE101146.D\data.ms (-766) 12



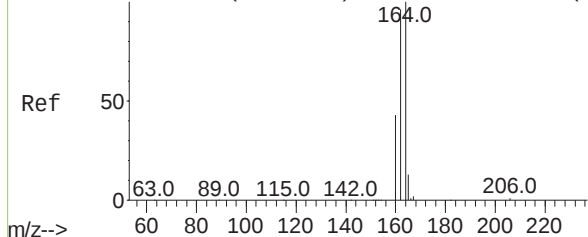
2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.281 min Scan# 769
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion:	142	Resp:	764
Ion	Ratio	Lower	Upper
142	100		
141	93.9	71.8	107.6
115	45.1	27.8	41.6#

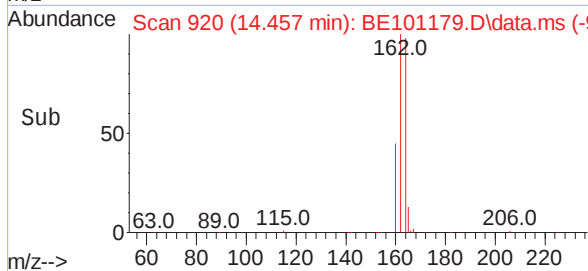
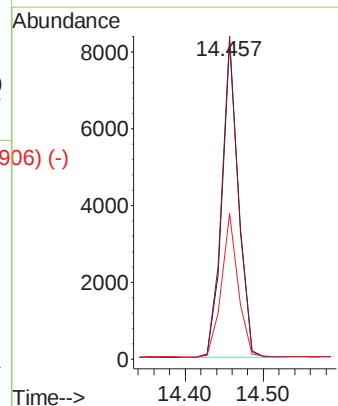
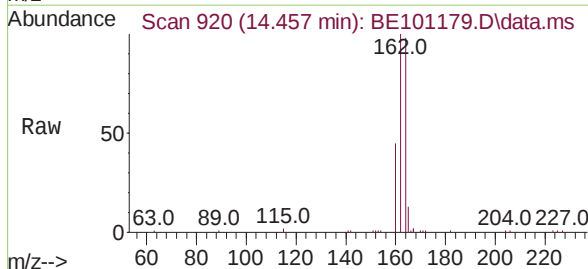


Abundance Scan 921 (14.472 min): BE101146.D\data.ms (-916) 13



Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

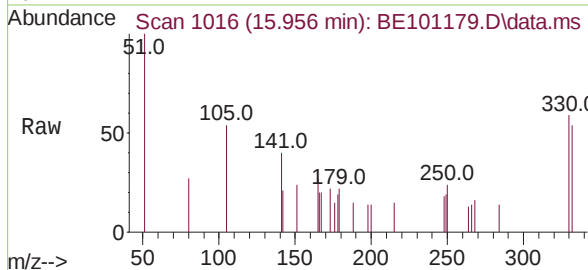
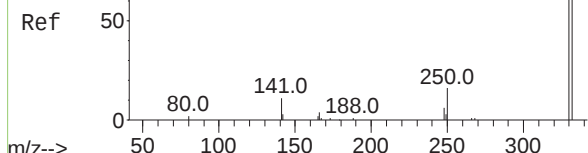
Tgt Ion:	164	Resp:	12126
Ion	Ratio	Lower	Upper
164	100		
162	101.8	76.6	115.0
160	45.9	34.5	51.7



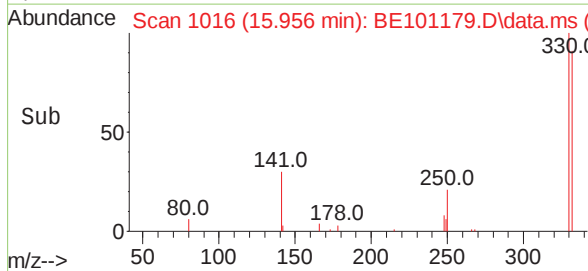
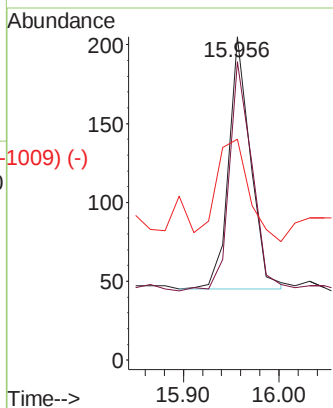
Abundance Scan 1017 (15.970 min): BE101146.D\data.ms (-1013) (-)

2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Instrument :
BNA_E
ClientSampleId :
EB02-20210325

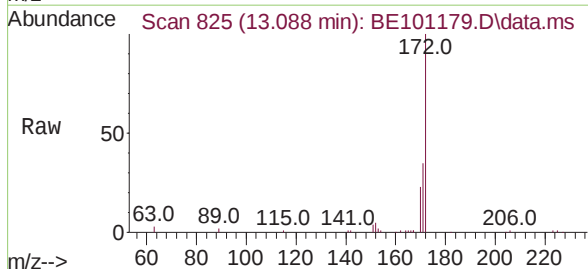
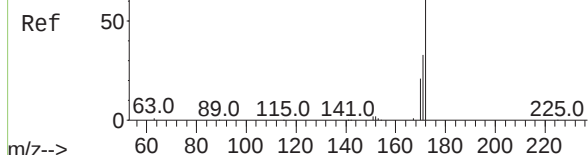


Tgt Ion:	330	Resp:	252
Ion Ratio	100	Lower	Upper
332	94.4	69.1	103.7
141	73.4	30.6	45.8#

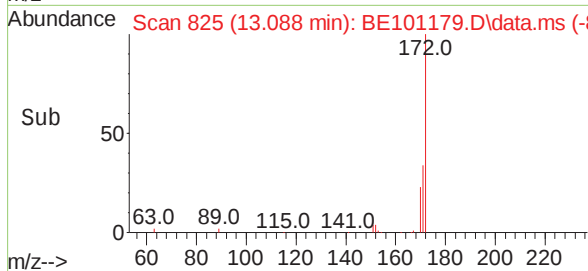
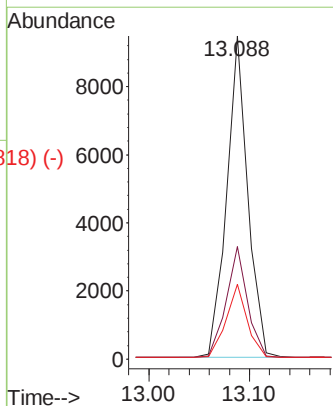


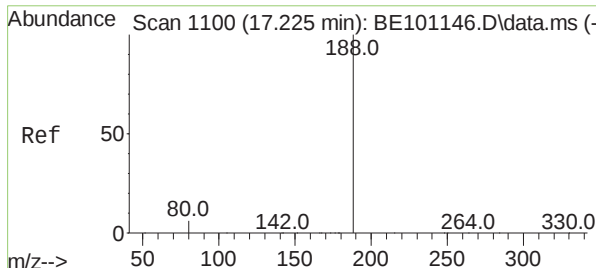
Abundance Scan 826 (13.103 min): BE101146.D\data.ms (-821) (-)

2-Fluorobiphenyl
Concen: 0.30 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08



Tgt Ion:	172	Resp:	13812
Ion Ratio	100	Lower	Upper
171	34.7	26.4	39.6
170	23.1	17.4	26.0

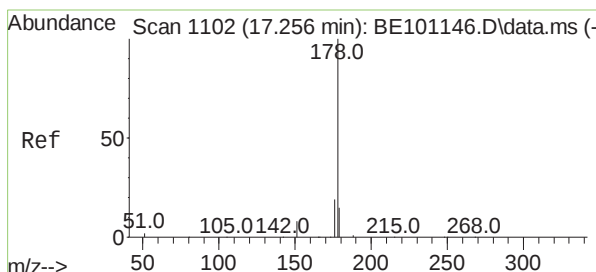
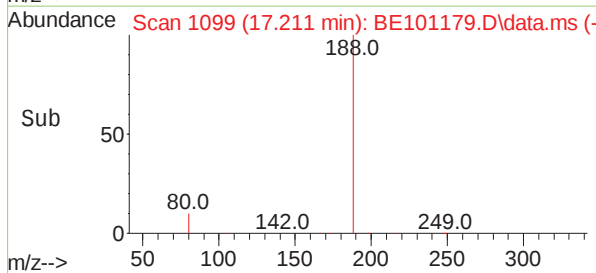
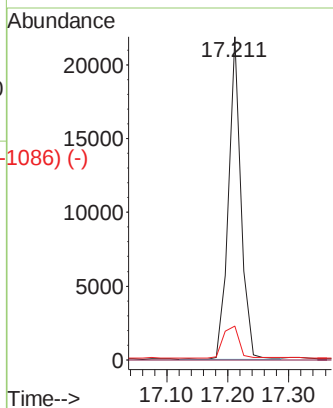
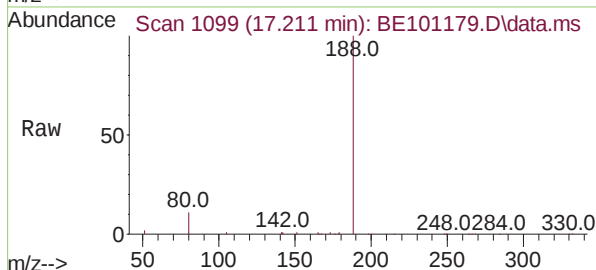




Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.211 min Scan# 1099
 Delta R.T. -0.001 min
 Lab File: BE101179.D
 Acq: 1 Apr 2021 16:08

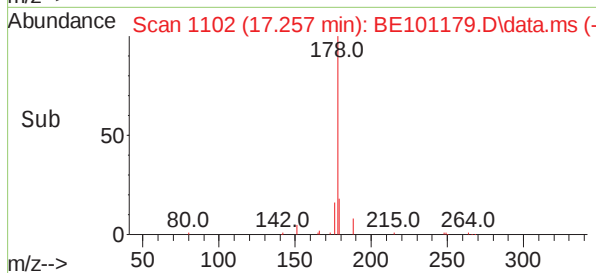
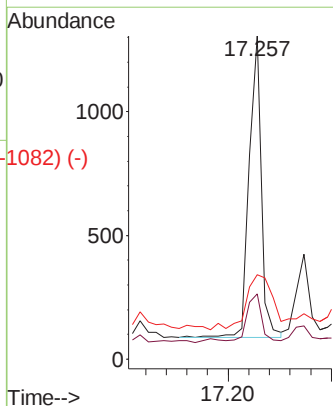
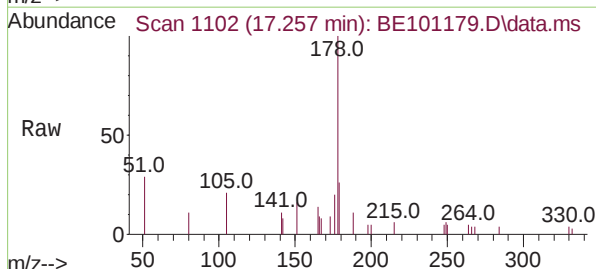
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Tgt Ion:	188	Resp:	30907
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.5	4.8	7.2#

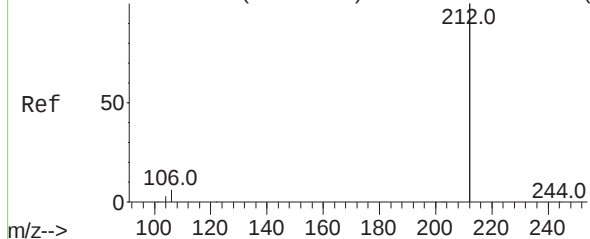


Phenanthrene
 Concen: 0.02 ng
 RT: 17.257 min Scan# 1102
 Delta R.T. -0.001 min
 Lab File: BE101179.D
 Acq: 1 Apr 2021 16:08

Tgt Ion:	178	Resp:	2018
Ion Ratio	Lower	Upper	
178	100		
176	18.6	14.7	22.1
179	40.8	12.4	18.6#



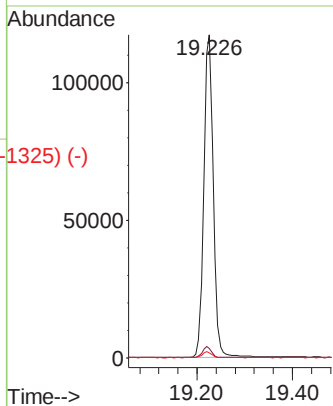
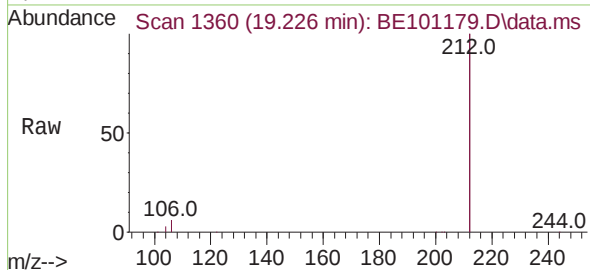
Abundance Scan 1361 (19.232 min): BE101146.D\data.ms (-1325) (-)



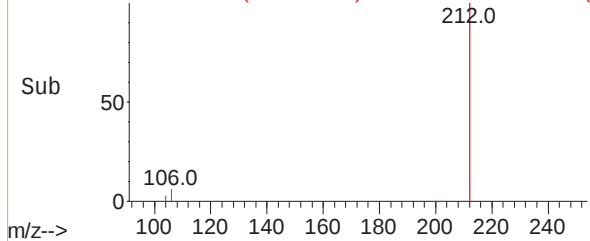
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.226 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Instrument :
BNA_E
ClientSampleId :
EB02-20210325

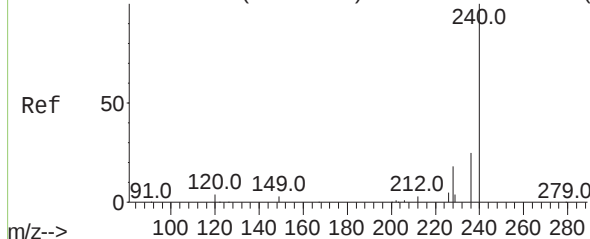
Tgt Ion:	212	Resp:	161624
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.8	1.4	2.2



Abundance Scan 1360 (19.226 min): BE101179.D\data.ms (-1325) (-)

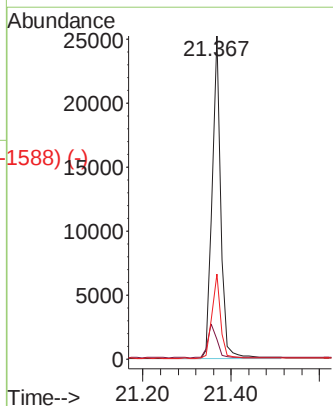
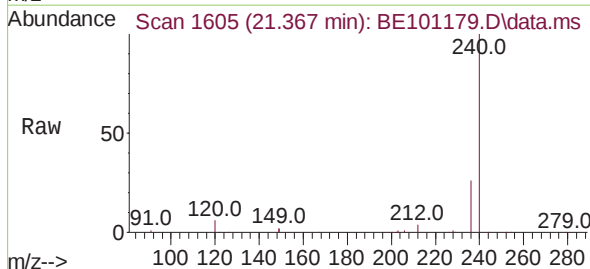


Abundance Scan 1605 (21.379 min): BE101146.D\data.ms (-1529) (-)

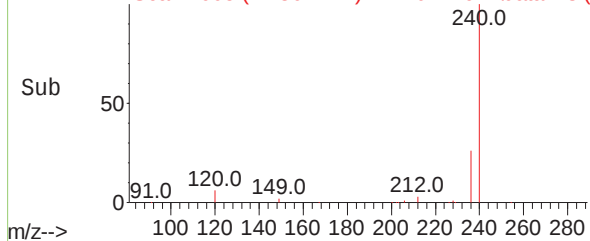


Chrysene-d12
Concen: 0.40 ng
RT: 21.367 min Scan# 1605
Delta R.T. 0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

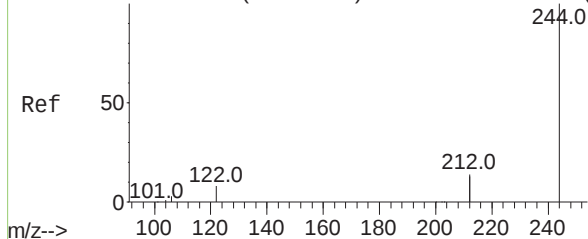
Tgt Ion:	240	Resp:	34050
Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.1	6.1
236	26.3	20.3	30.5



Abundance Scan 1605 (21.367 min): BE101179.D\data.ms (-1588) (-)



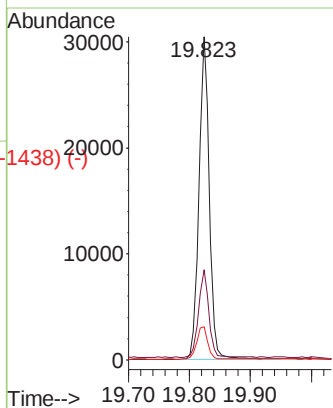
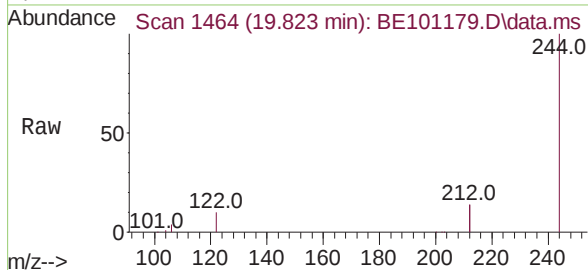
Abundance Scan 1466 (19.835 min): BE101146.D\data.ms (-1438) (-)



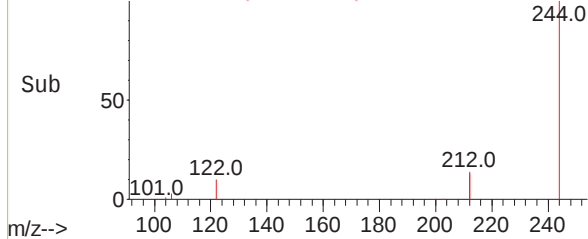
Terphenyl-d14
Concen: 0.47 ng
RT: 19.823 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Instrument :
BNA_E
ClientSampleId :
EB02-20210325

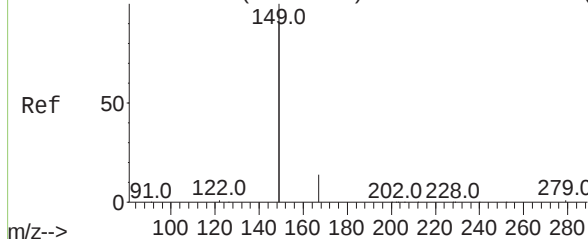
Tgt Ion:244 Resp: 36326
Ion Ratio Lower Upper
244 100
212 27.9 21.7 32.5
122 10.2 6.6 10.0#



Abundance Scan 1464 (19.823 min): BE101179.D\data.ms (-1438) (-)

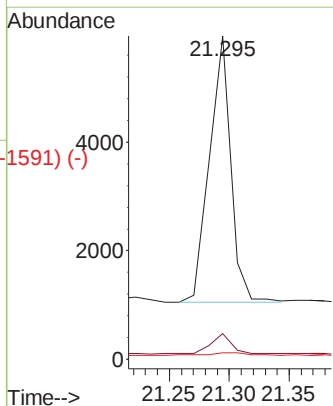
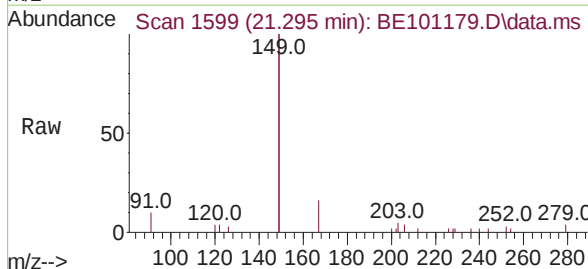


Abundance Scan 1599 (21.306 min): BE101146.D\data.ms (-1591) (-)

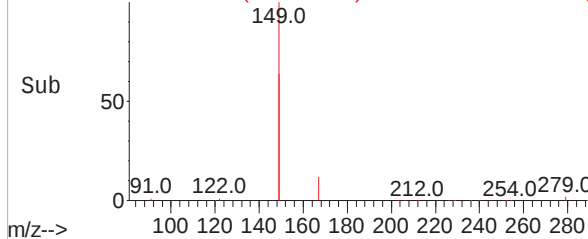


Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.295 min Scan# 1599
Delta R.T. 0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Tgt Ion:149 Resp: 6157
Ion Ratio Lower Upper
149 100
167 8.0 5.4 8.2
279 1.8 0.9 1.3#



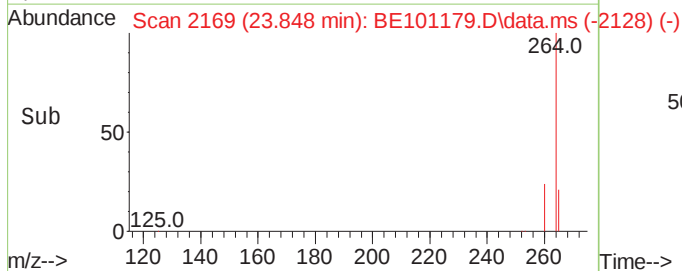
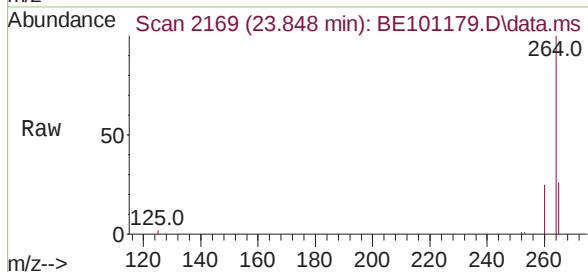
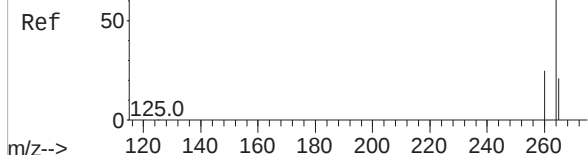
Abundance Scan 1599 (21.295 min): BE101179.D\data.ms (-1591) (-)



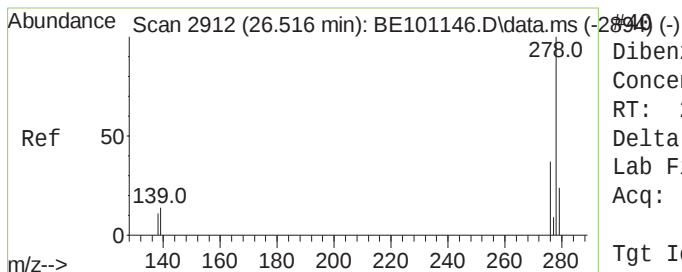
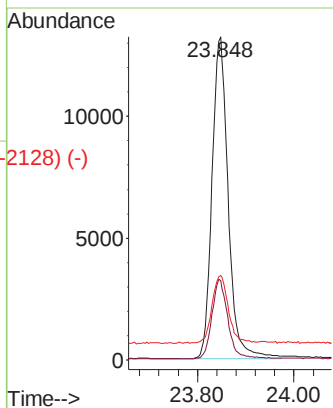
Abundance Scan 2172 (23.863 min): BE101146.D\data.ms (-2136) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.848 min Scan# 2169
Delta R.T. -0.004 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

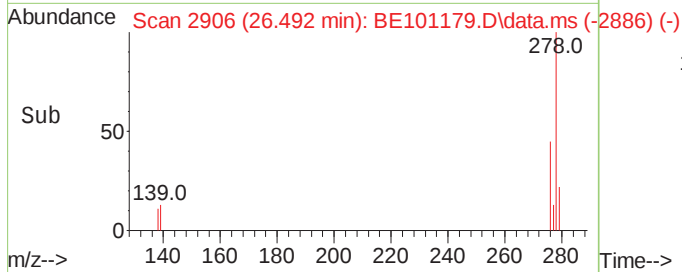
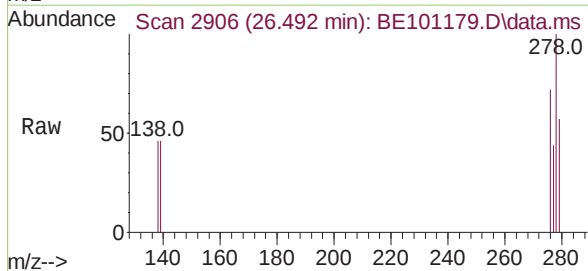
Instrument :
BNA_E
ClientSampleId :
EB02-20210325



Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.5	30.7
265	26.2	20.6	30.8



Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 26.492 min Scan# 2906
Delta R.T. -0.008 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08



Tgt Ion	Ratio	Lower	Upper
278	100		
139	45.5	12.0	18.0#
279	57.4	20.2	30.4#

