

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
 Data File : BE101161.D
 Acq On : 31 Mar 2021 14:31
 Operator : CG/JU
 Sample : M1835-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ASR5

Quant Time: Mar 31 15:14:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 11:11:33 2021
 Response via : Initial Calibration

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

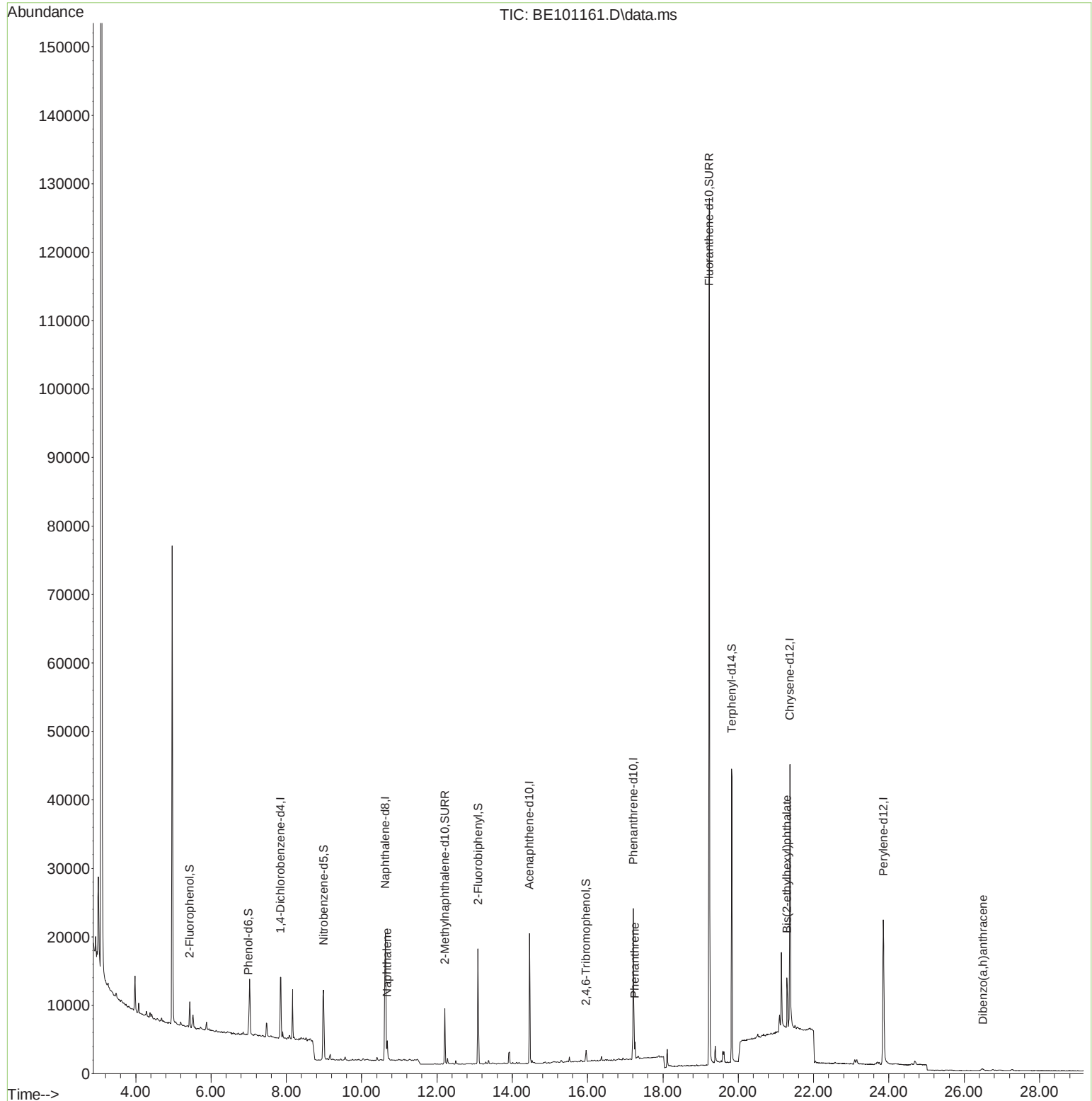
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	4543	0.40	ng	0.00
7) Naphthalene-d8	10.627	136	18963	0.40	ng	#-0.01
13) Acenaphthene-d10	14.456	164	11197	0.40	ng	-0.02
19) Phenanthrene-d10	17.211	188	28253	0.40	ng	#-0.01
29) Chrysene-d12	21.367	240	38313	0.40	ng	#-0.01
36) Perylene-d12	23.855	264	34197	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.432	112	1696	0.16	ng	0.00
5) Phenol-d6	6.998	99	1589	0.10	ng	0.00
8) Nitrobenzene-d5	8.990	82	4120	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.209	152	9725	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	940	0.47	ng	-0.01
15) 2-Fluorobiphenyl	13.088	172	14592	0.35	ng	-0.02
27) Fluoranthene-d10	19.226	212	163448	0.46	ng	0.00
31) Terphenyl-d14	19.830	244	40025	0.46	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.679	128	4127	0.02	ng	# 96
25) Phenanthrene	17.256	178	2519	0.03	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.294	149	8535	0.13	ng	# 98
40) Dibenzo(a,h)anthracene	26.498	278	150	0.10	ng	# 1

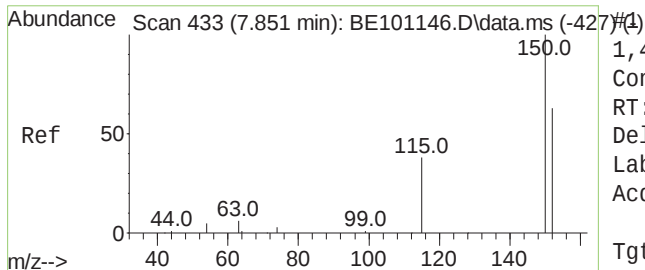
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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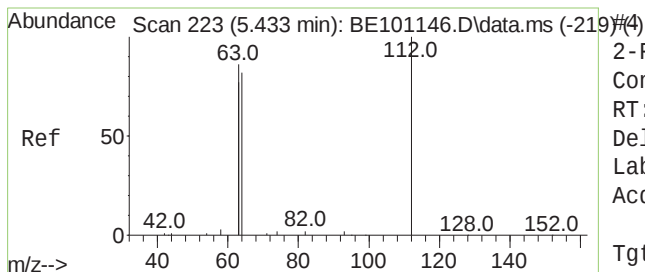
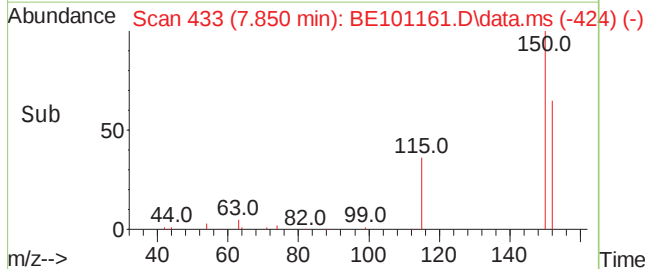
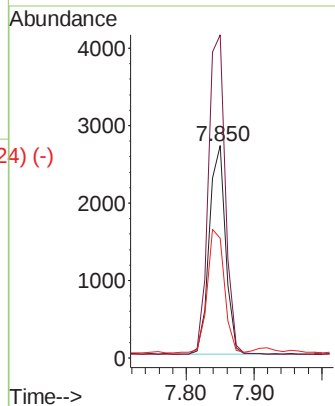
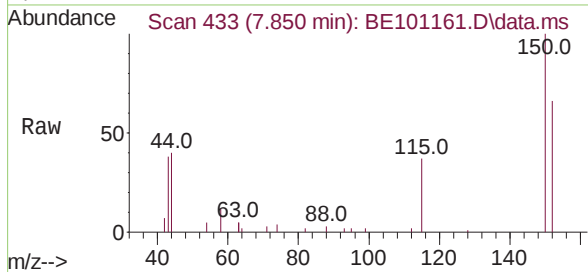




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.850 min Scan# 433
 Delta R.T. -0.001 min
 Lab File: BE101161.D
 Acq: 31 Mar 2021 14:31

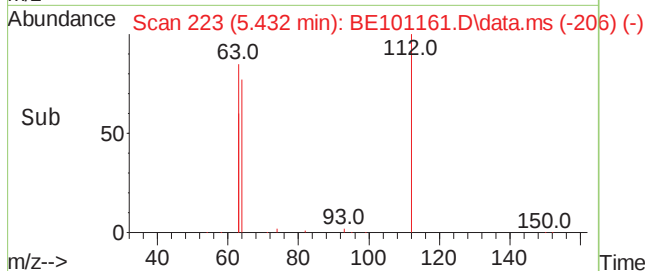
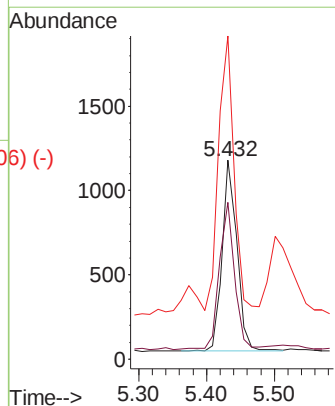
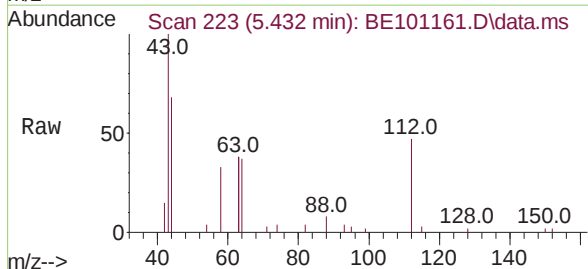
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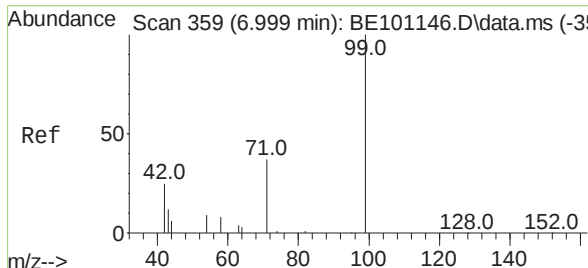
Tgt Ion:152 Resp: 4543
 Ion Ratio Lower Upper
 152 100
 150 152.2 126.3 189.5
 115 56.3 48.9 73.3



2-Fluorophenol
 Concen: 0.16 ng
 RT: 5.432 min Scan# 223
 Delta R.T. -0.001 min
 Lab File: BE101161.D
 Acq: 31 Mar 2021 14:31

Tgt Ion:112 Resp: 1696
 Ion Ratio Lower Upper
 112 100
 64 79.7 60.8 91.2
 63 157.0 119.4 179.0

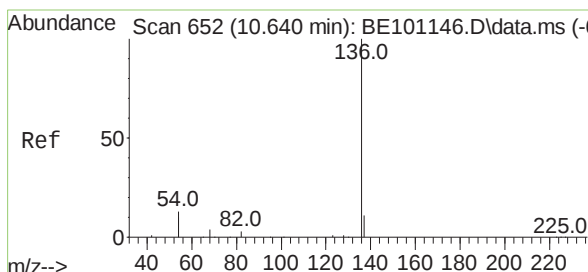
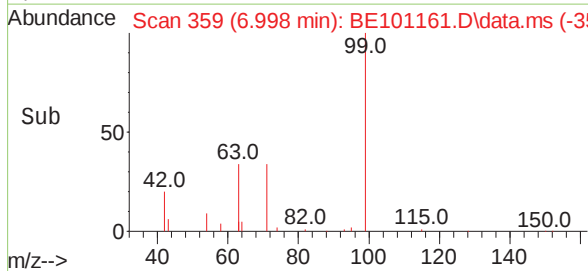
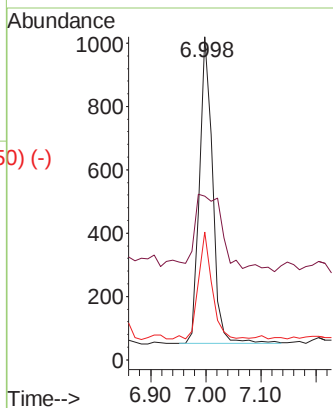
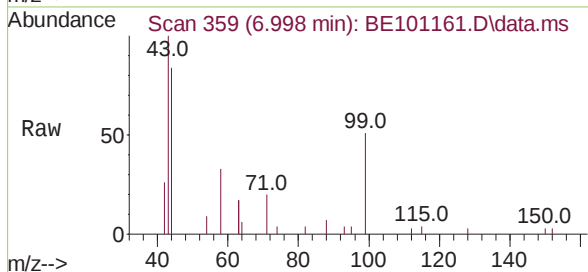




Phenol-d6
 Concen: 0.10 ng
 RT: 6.998 min Scan# 359
 Delta R.T. -0.001 min
 Lab File: BE101161.D
 Acq: 31 Mar 2021 14:31

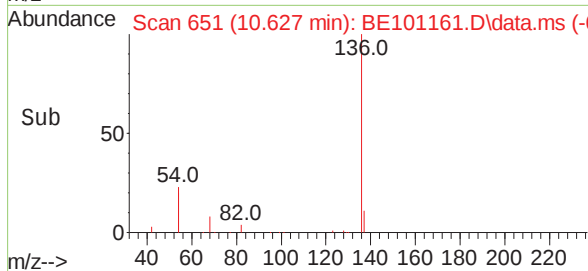
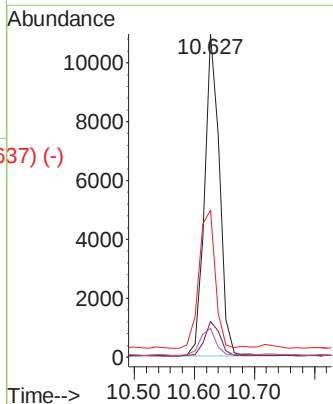
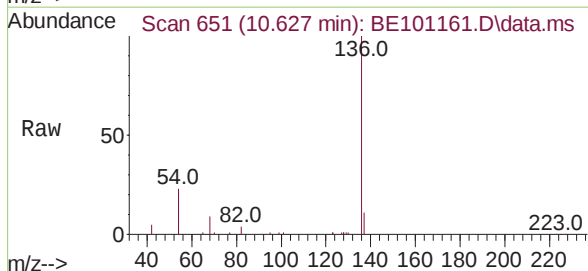
Instrument :
 BNA_E
 ClientSampleId :
 ASR5

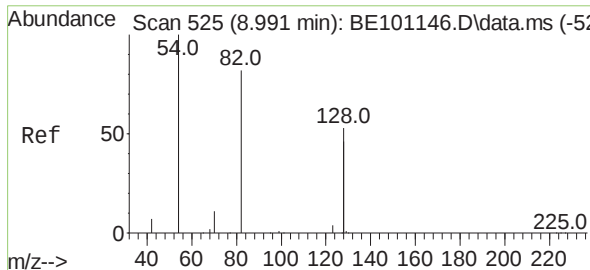
Tgt Ion:	99	Resp:	1589
Ion	Ratio	Lower	Upper
99	100		
42	44.5	18.8	28.2#
71	36.2	26.3	39.5



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.627 min Scan# 651
 Delta R.T. -0.014 min
 Lab File: BE101161.D
 Acq: 31 Mar 2021 14:31

Tgt Ion:	136	Resp:	18963
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	45.6	20.2	30.4#
68	8.8	4.0	6.0#

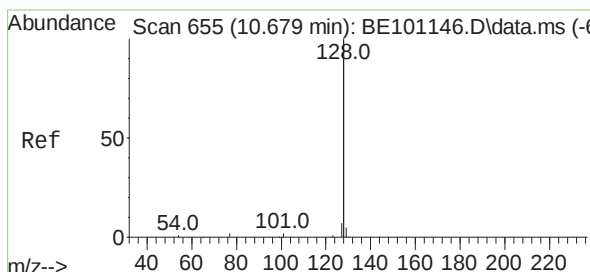
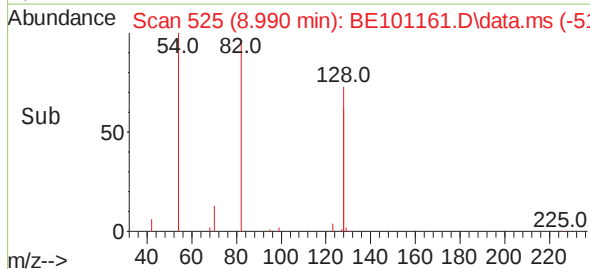
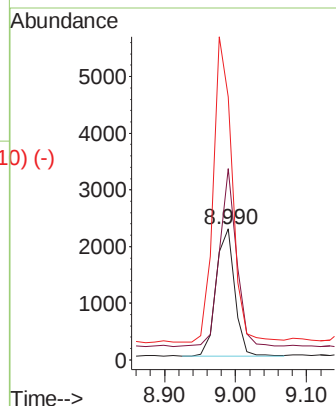
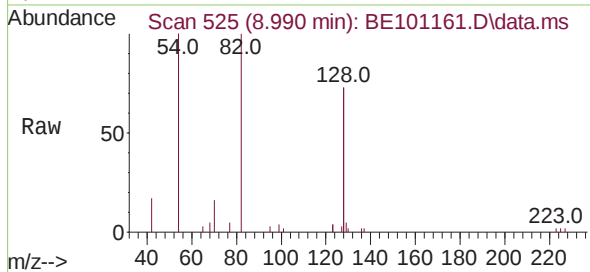




Nitrobenzene-d5
 Concen: 0.36 ng
 RT: 8.990 min Scan# 525
 Delta R.T. -0.001 min
 Lab File: BE101161.D
 Acq: 31 Mar 2021 14:31

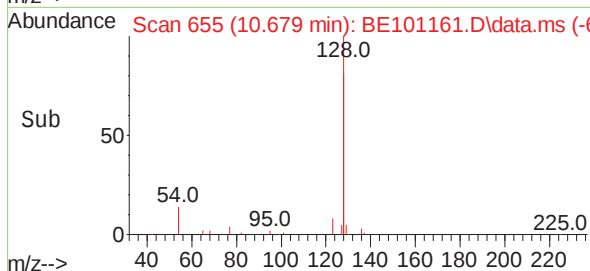
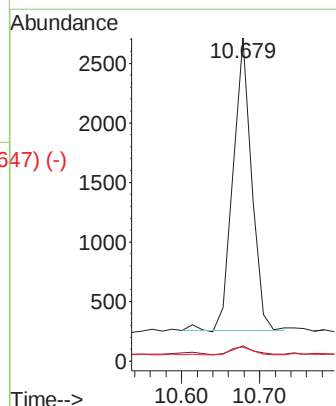
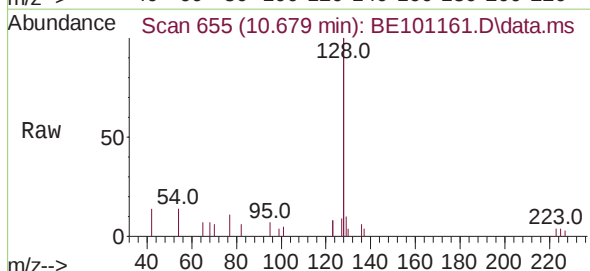
Instrument :
 BNA_E
 ClientSampleId :
 ASR5

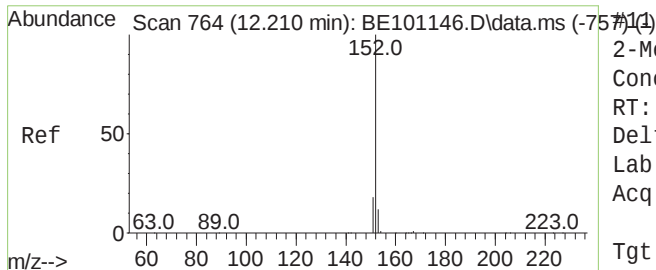
Tgt Ion: 82 Resp: 4120
 Ion Ratio Lower Upper
 82 100
 128 146.0 101.5 152.3
 54 201.0 189.8 284.6



Naphthalene
 Concen: 0.02 ng
 RT: 10.679 min Scan# 655
 Delta R.T. -0.001 min
 Lab File: BE101161.D
 Acq: 31 Mar 2021 14:31

Tgt Ion: 128 Resp: 4127
 Ion Ratio Lower Upper
 128 100
 129 4.8 2.2 3.2#
 127 4.4 2.7 4.1#

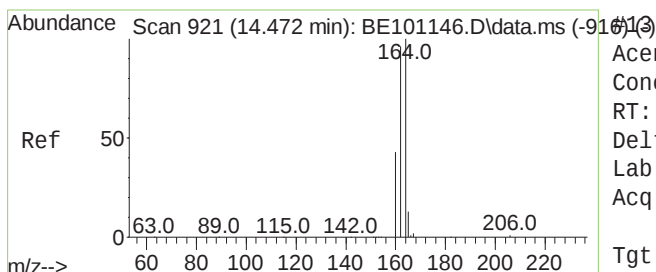
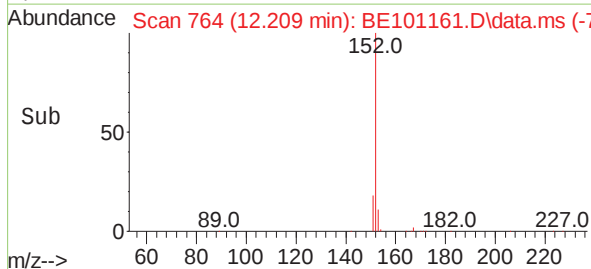
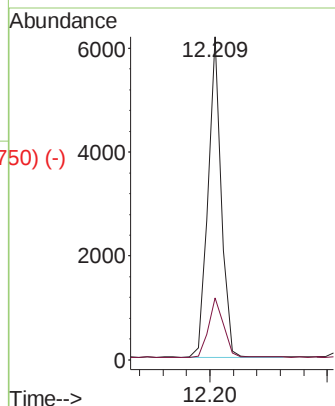
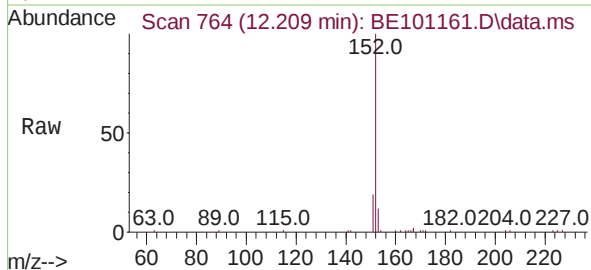




2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.209 min Scan# 764
Delta R.T. -0.001 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

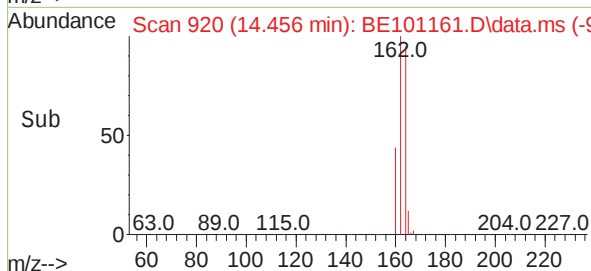
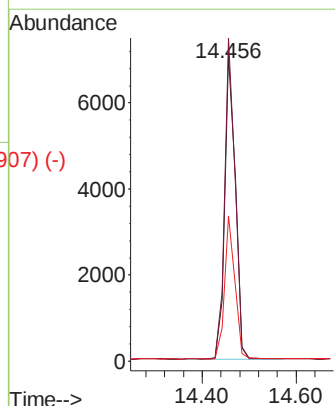
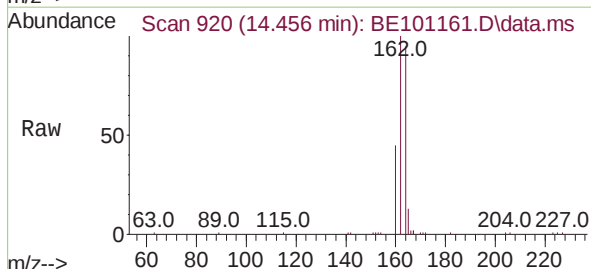
Instrument :
BNA_E
ClientSampleId :
ASR5

Tgt Ion:152 Resp: 9725
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8



Acenaphthene-d10
Concen: 0.40 ng
RT: 14.456 min Scan# 920
Delta R.T. -0.016 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

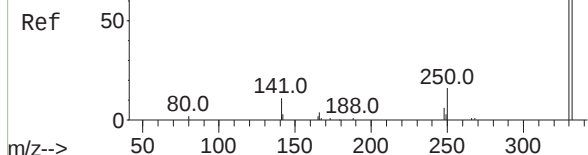
Tgt Ion:164 Resp: 11197
Ion Ratio Lower Upper
164 100
162 105.7 76.6 115.0
160 47.5 34.5 51.7



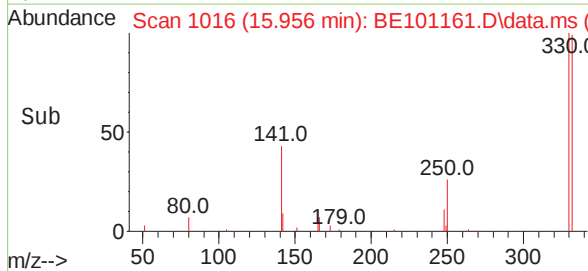
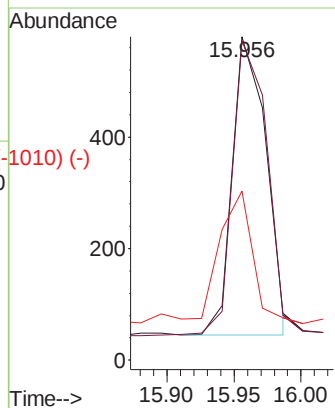
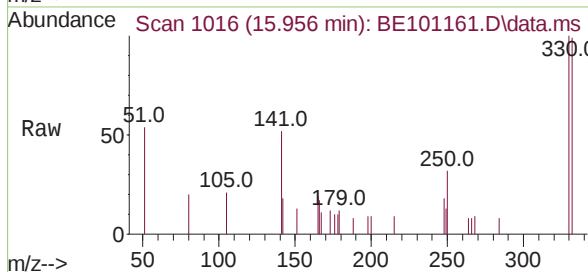
Abundance Scan 1017 (15.970 min): BE101146.D\data.ms (-1013) (-)

2,4,6-Tribromophenol
Concen: 0.47 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.014 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

Instrument :
BNA_E
ClientSampled :
ASR5

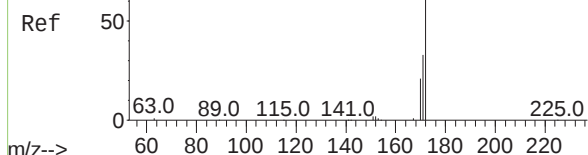


Tgt Ion:	330	Resp:	940
Ion	Ratio	Lower	Upper
330	100		
332	101.3	69.1	103.7
141	45.3	30.6	45.8

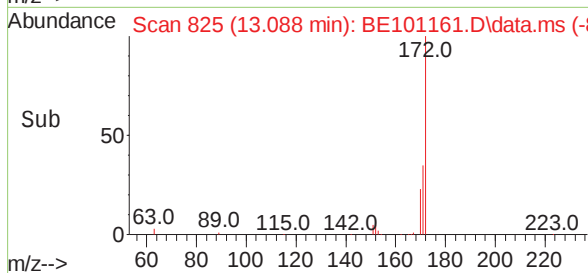
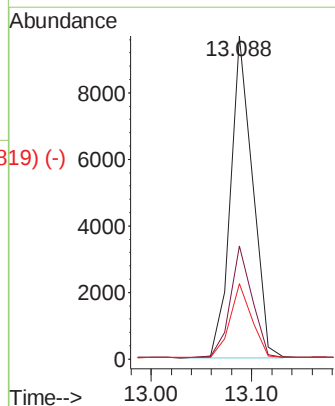
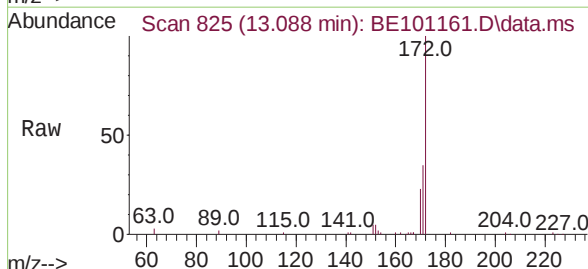


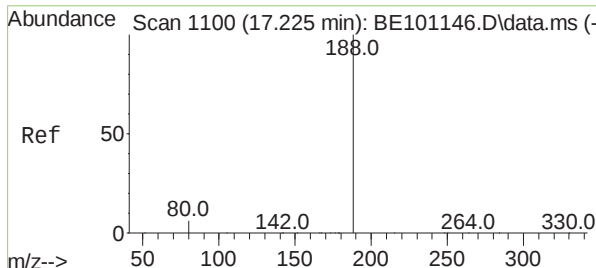
Abundance Scan 826 (13.103 min): BE101146.D\data.ms (-821) (-)

2-Fluorobiphenyl
Concen: 0.35 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.016 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31



Tgt Ion:	172	Resp:	14592
Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.4	39.6
170	23.3	17.4	26.0

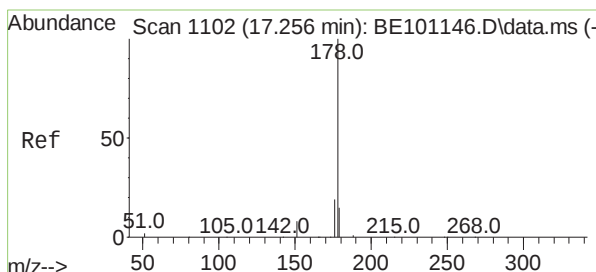
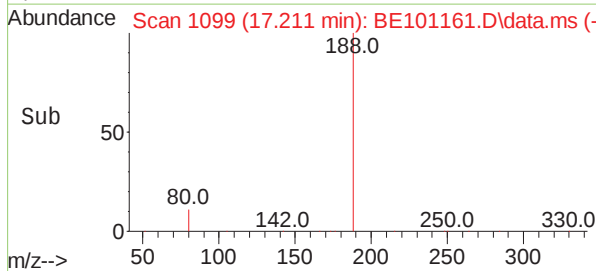
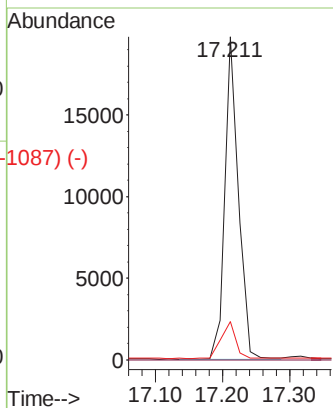
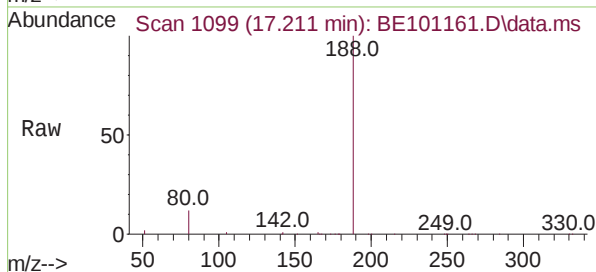




Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.211 min Scan# 1099
 Delta R.T. -0.014 min
 Lab File: BE101161.D
 Acq: 31 Mar 2021 14:31

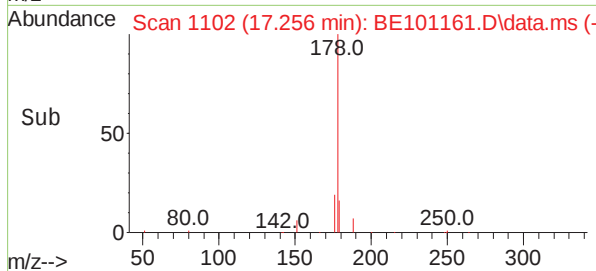
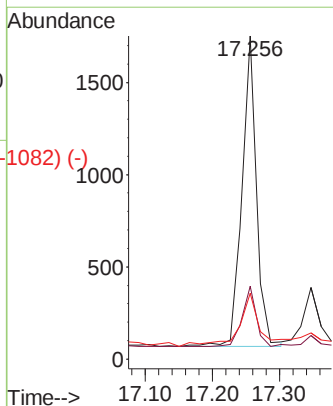
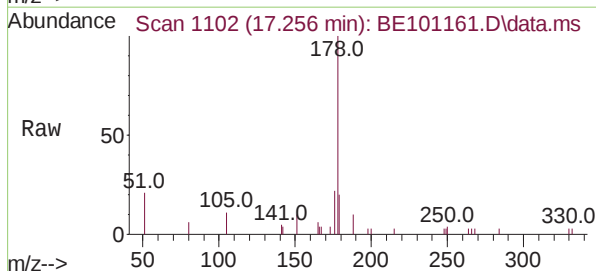
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 BNA_E
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Tgt Ion:	188	Resp:	28253
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.8	4.8	7.2#

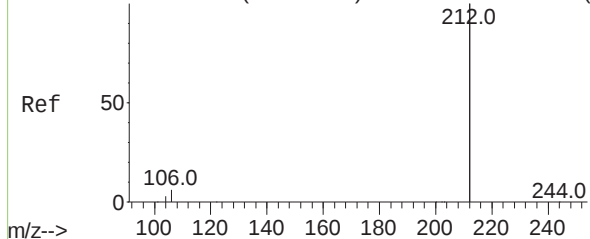


Phenanthrene
 Concen: 0.03 ng
 RT: 17.256 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BE101161.D
 Acq: 31 Mar 2021 14:31

Tgt Ion:	178	Resp:	2519
Ion Ratio	Lower	Upper	
178	100		
176	20.9	14.7	22.1
179	23.3	12.4	18.6#



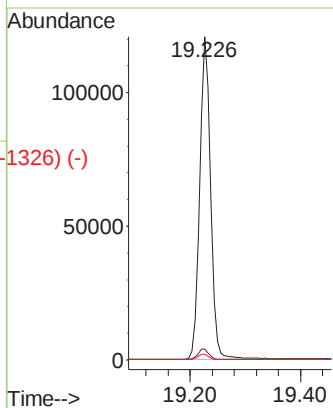
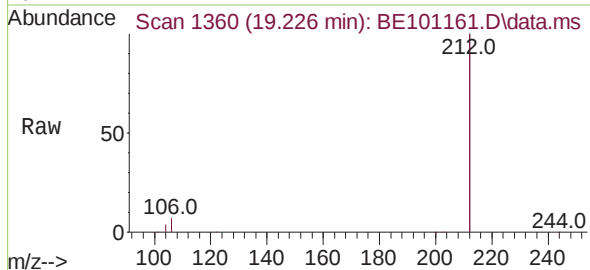
Abundance Scan 1361 (19.232 min): BE101146.D\data.ms (-1323) (-)



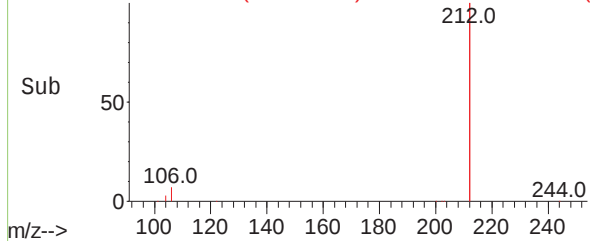
Fluoranthene-d10
Concen: 0.46 ng
RT: 19.226 min Scan# 1360
Delta R.T. -0.005 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

Instrument :
BNA_E
ClientSampleId :
ASR5

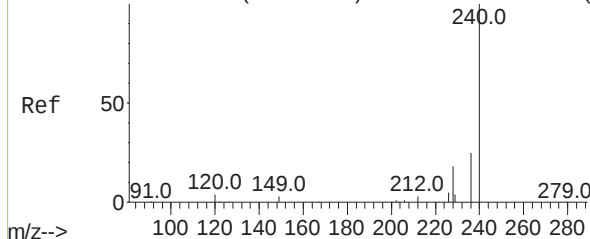
Tgt Ion:	212	Resp:	163448
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.8	1.4	2.2



Abundance Scan 1360 (19.226 min): BE101161.D\data.ms (-1326) (-)

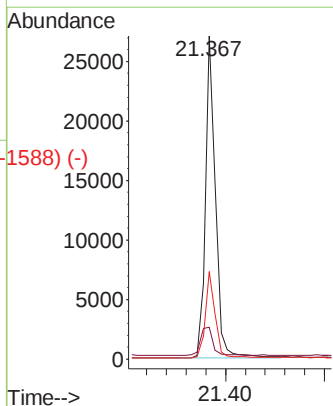
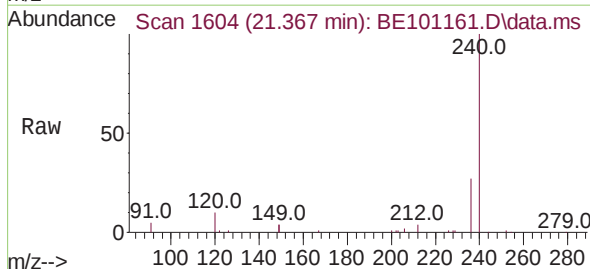


Abundance Scan 1605 (21.379 min): BE101146.D\data.ms (-1529) (-)

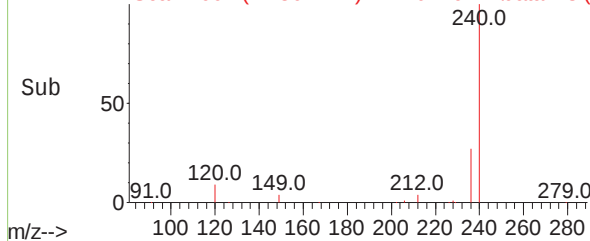


Chrysene-d12
Concen: 0.40 ng
RT: 21.367 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

Tgt Ion:	240	Resp:	38313
Ion	Ratio	Lower	Upper
240	100		
120	9.9	4.1	6.1#
236	27.1	20.3	30.5



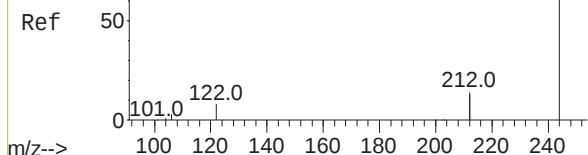
Abundance Scan 1604 (21.367 min): BE101161.D\data.ms (-1588) (-)



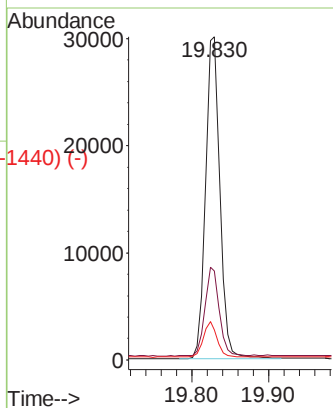
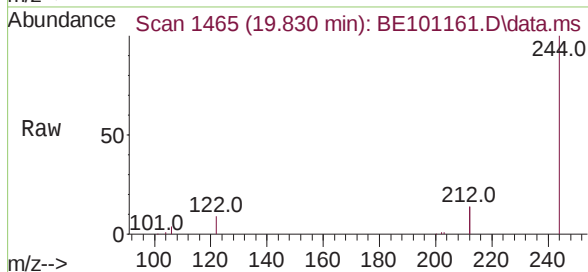
Abundance Scan 1466 (19.835 min): BE101146.D\data.ms (-1438) (-)

Terphenyl-d14
Concen: 0.46 ng
RT: 19.830 min Scan# 1465
Delta R.T. -0.005 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

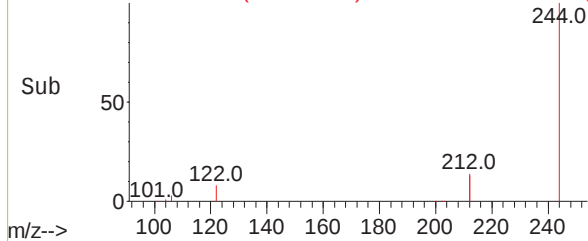
Instrument :
BNA_E
ClientSampleId :
ASR5



Tgt Ion:	244	Resp:	40025
Ion	Ratio	Lower	Upper
244	100		
212	27.5	21.7	32.5
122	9.3	6.6	10.0



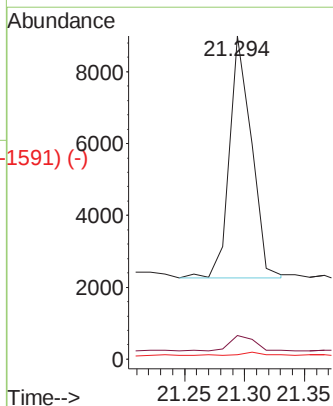
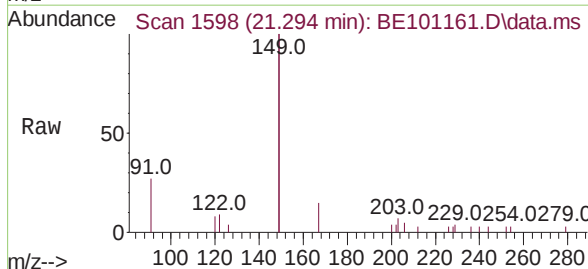
Abundance Scan 1465 (19.830 min): BE101161.D\data.ms (-1440) (-)



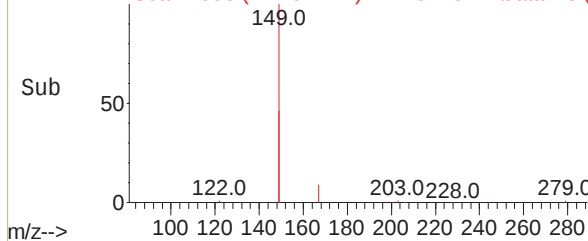
Abundance Scan 1599 (21.306 min): BE101146.D\data.ms (-1531) (-)

Bis(2-ethylhexyl)phthalate
Concen: 0.13 ng
RT: 21.294 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

Tgt Ion:	149	Resp:	8535
Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.4	8.2
279	1.6	0.9	1.3#



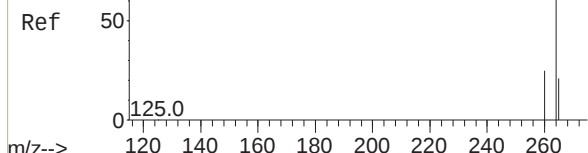
Abundance Scan 1598 (21.294 min): BE101161.D\data.ms (-1591) (-)



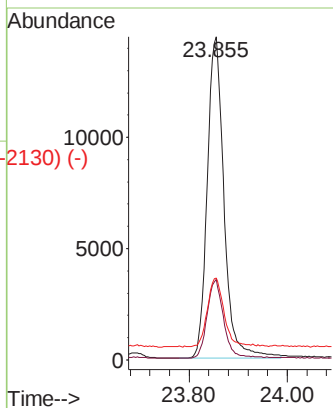
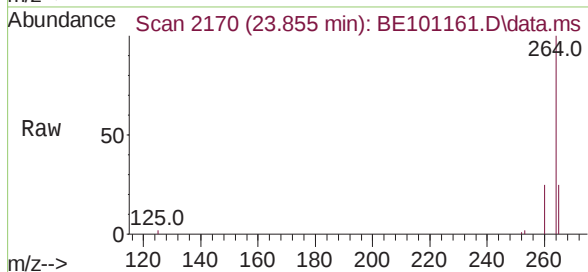
Abundance Scan 2172 (23.863 min): BE101146.D\data.ms (-2130) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.855 min Scan# 2170
Delta R.T. -0.008 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

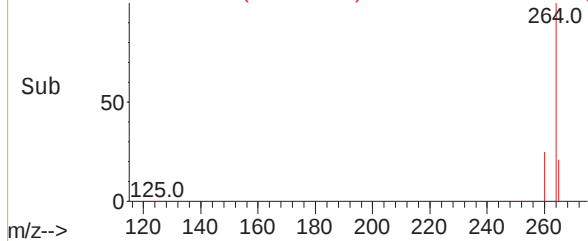
Instrument :
BNA_E
ClientSampleId :
ASR5



Tgt Ion:	264	Resp:	34197
Ion Ratio	Lower	Upper	
264	100		
260	25.0	20.5	30.7
265	25.3	20.6	30.8



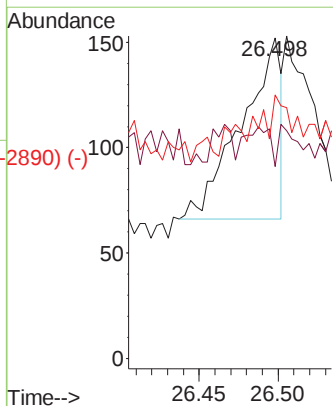
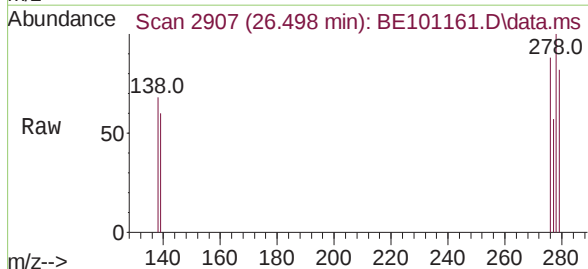
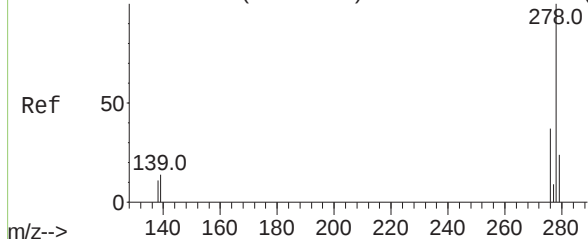
Abundance Scan 2170 (23.855 min): BE101161.D\data.ms (-2130) (-)



Abundance Scan 2912 (26.516 min): BE101146.D\data.ms (-2890) (-)

Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 26.498 min Scan# 2907
Delta R.T. -0.018 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

Tgt Ion:	278	Resp:	150
Ion Ratio	Lower	Upper	
278	100		
139	59.9	12.0	18.0#
279	82.2	20.2	30.4#



Abundance Scan 2907 (26.498 min): BE101161.D\data.ms (-2890) (-)

