

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040221\
 Data File : BE101195.D
 Acq On : 2 Apr 2021 14:16
 Operator : CG/JU
 Sample : M1843-13DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE115D2-20210325DL

Quant Time: Apr 02 15:02:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:03:59 2021
 Response via : Initial Calibration

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

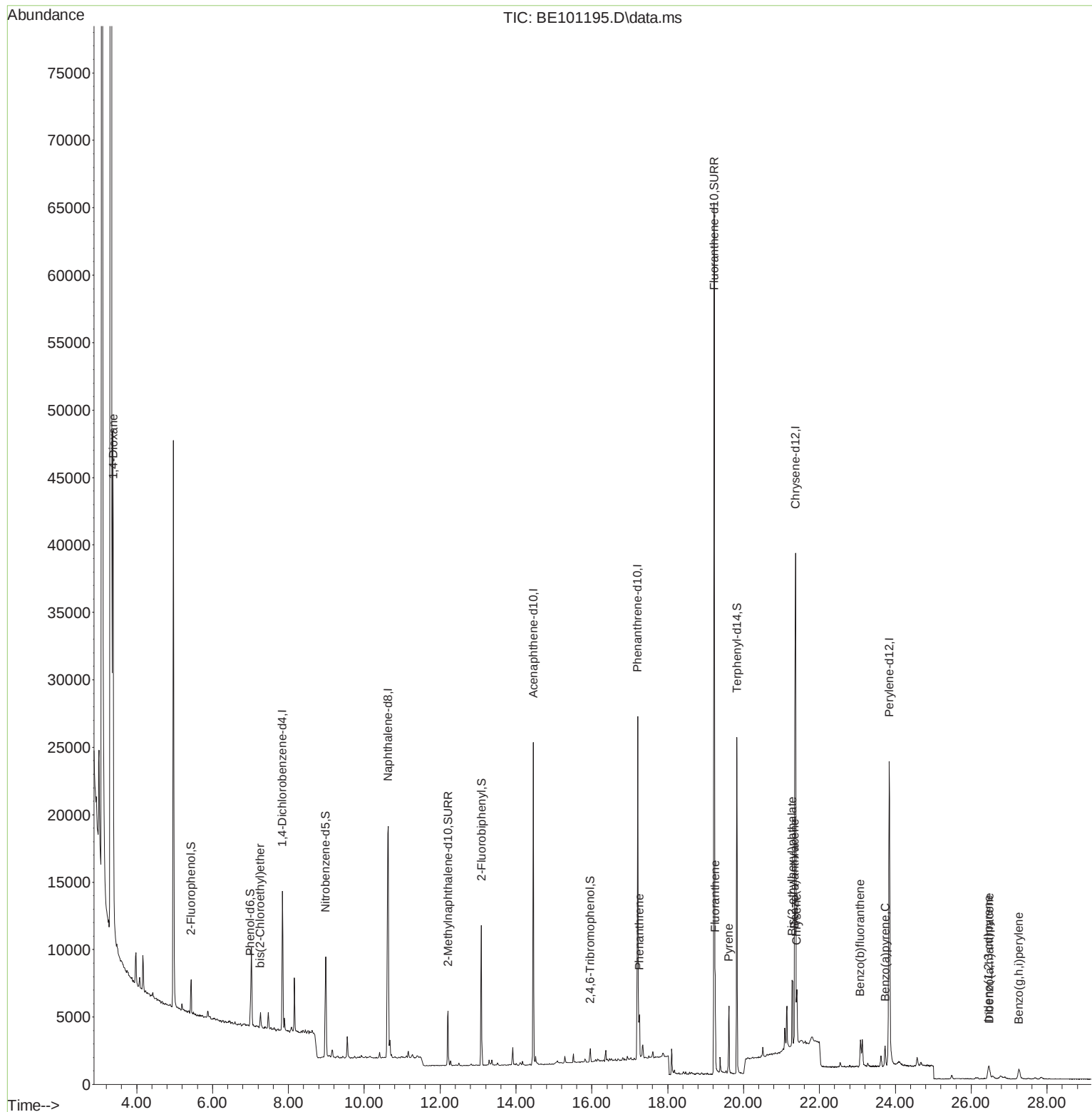
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	4641	0.40	ng	0.00
7) Naphthalene-d8	10.628	136	20318	0.40	ng	0.00
13) Acenaphthene-d10	14.457	164	13368	0.40	ng	0.00
19) Phenanthrene-d10	17.210	188	33203	0.40	ng	# 0.00
29) Chrysene-d12	21.366	240	36920	0.40	ng	0.00
36) Perylene-d12	23.842	264	35296	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.431	112	1269	0.12	ng	0.00
5) Phenol-d6	6.998	99	1329	0.08	ng	0.00
8) Nitrobenzene-d5	8.978	82	2668	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.210	152	5785	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	533	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	9626	0.19	ng	0.00
27) Fluoranthene-d10	19.220	212	87236	0.21	ng	0.00
31) Terphenyl-d14	19.823	244	22121	0.26	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	18660	2.48	ng	# 92
6) bis(2-Chloroethyl)ether	7.262	93	388	0.03	ng	98
25) Phenanthrene	17.256	178	3921	0.04	ng	98
28) Fluoranthene	19.255	202	5769	0.05	ng	98
30) Pyrene	19.611	202	4854	0.04	ng	# 95
32) Benzo(a)anthracene	21.342	228	3352	0.04	ng	95
33) Chrysene	21.403	228	3464	0.03	ng	96
34) Bis(2-ethylhexyl)phtha...	21.282	149	7157	0.11	ng	# 98
35) Indeno(1,2,3-cd)pyrene	26.455	276	1892	0.03	ng	# 85
37) Benzo(b)fluoranthene	23.079	252	3359	0.04	ng	# 81
39) Benzo(a)pyrene	23.731	252	2391	0.03	ng	# 70
40) Dibenzo(a,h)anthracene	26.480	278	908	0.11	ng	# 61
41) Benzo(g,h,i)perylene	27.254	276	1924	0.02	ng	# 78

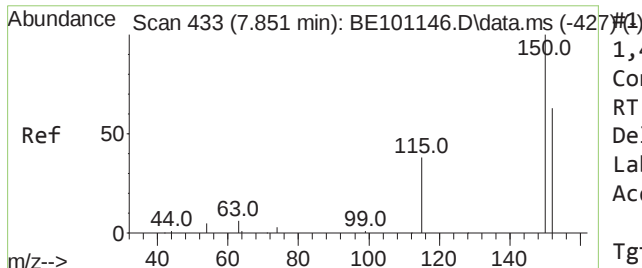
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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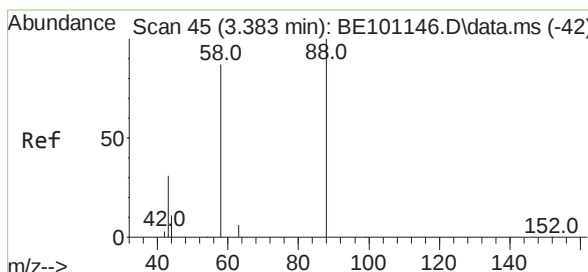
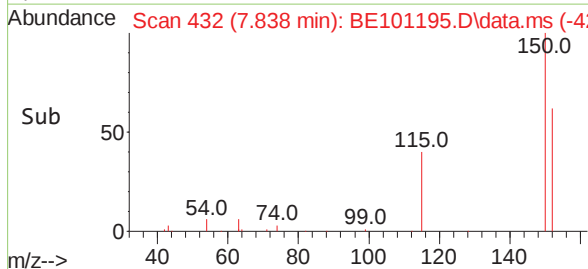
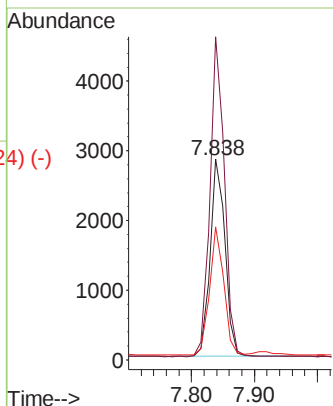
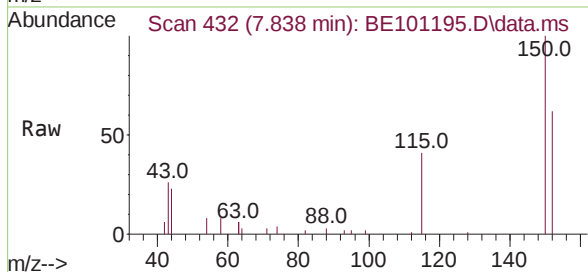




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.838 min Scan# 432
 Delta R.T. -0.003 min
 Lab File: BE101195.D
 Acq: 2 Apr 2021 14:16

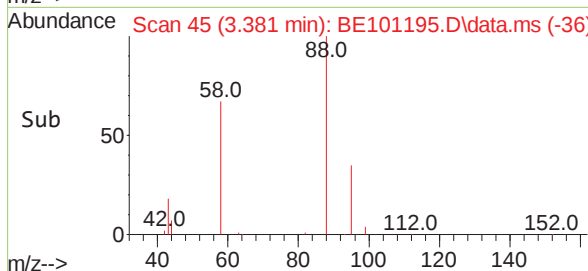
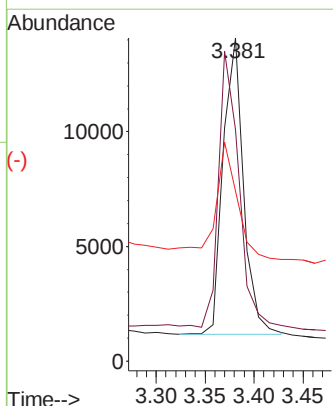
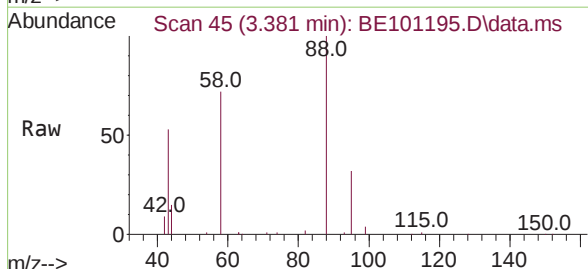
Instrument :
 BNA_E
 ClientSampleId :
 RE115D2-20210325DL

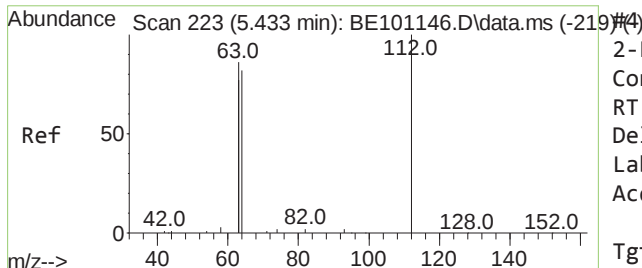
Tgt Ion:152 Resp: 4641
 Ion Ratio Lower Upper
 152 100
 150 161.0 126.3 189.5
 115 66.1 48.9 73.3



#2
 1,4-Dioxane
 Concen: 2.48 ng
 RT: 3.381 min Scan# 45
 Delta R.T. 0.008 min
 Lab File: BE101195.D
 Acq: 2 Apr 2021 14:16

Tgt Ion: 88 Resp: 18660
 Ion Ratio Lower Upper
 88 100
 58 90.6 68.5 102.7
 43 42.2 27.2 40.8#

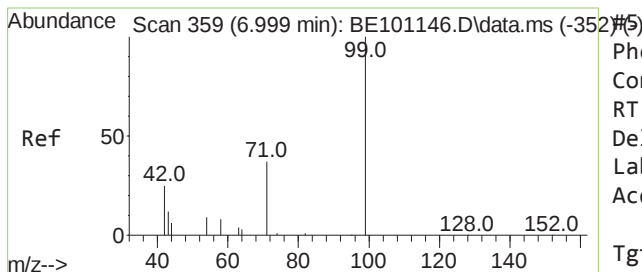
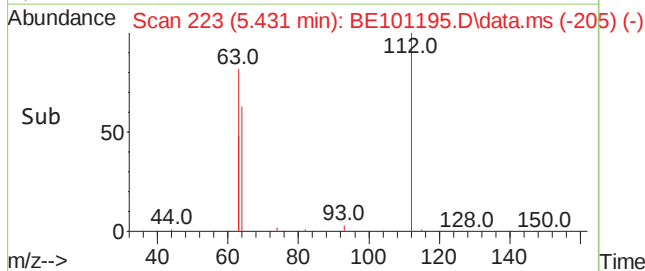
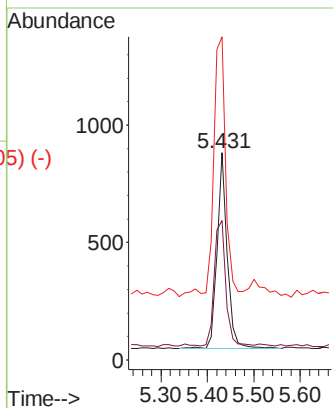
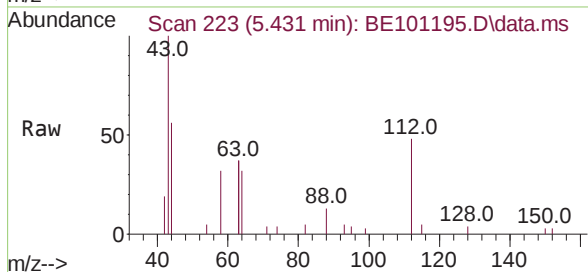




2-Fluorophenol
 Concen: 0.12 ng
 RT: 5.431 min Scan# 223
 Delta R.T. 0.008 min
 Lab File: BE101195.D
 Acq: 2 Apr 2021 14:16

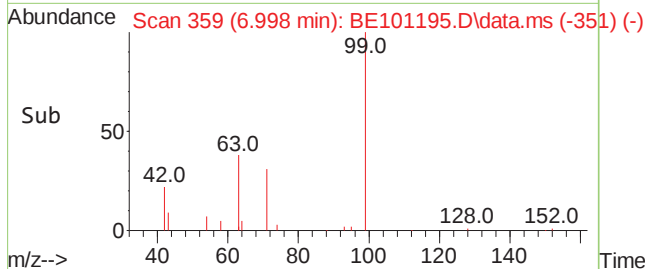
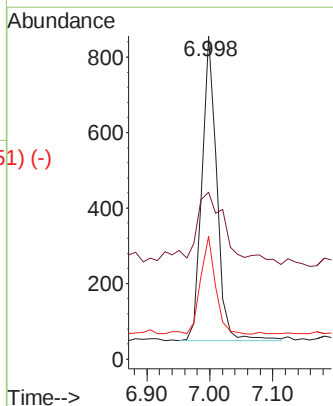
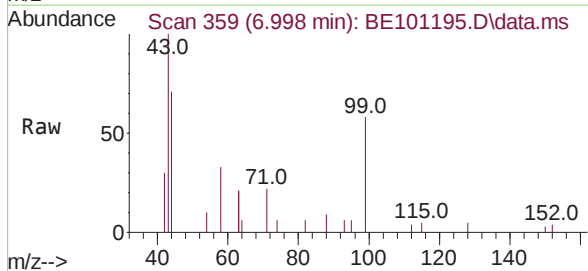
Instrument :
 BNA_E
 ClientSampleId :
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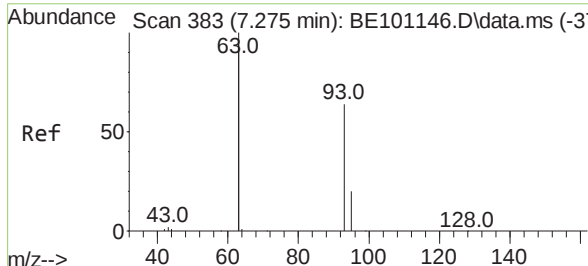
Tgt Ion:	112	Resp:	1269
Ion	Ratio	Lower	Upper
112	100		
64	72.7	60.8	91.2
63	158.3	119.4	179.0



Phenol-d6
 Concen: 0.08 ng
 RT: 6.998 min Scan# 359
 Delta R.T. -0.003 min
 Lab File: BE101195.D
 Acq: 2 Apr 2021 14:16

Tgt Ion:	99	Resp:	1329
Ion	Ratio	Lower	Upper
99	100		
42	41.2	18.8	28.2#
71	33.3	26.3	39.5

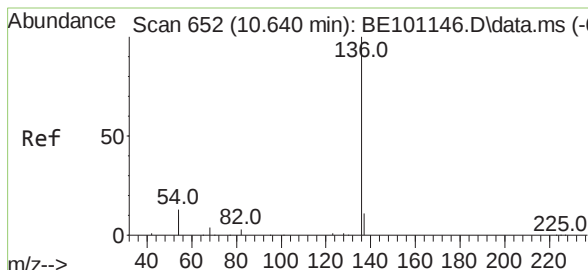
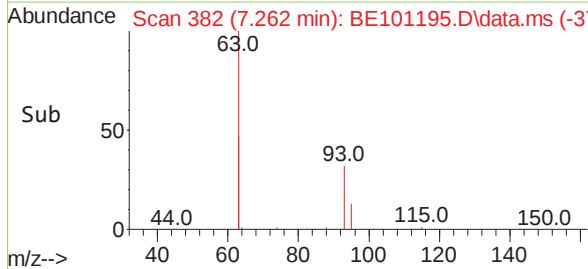
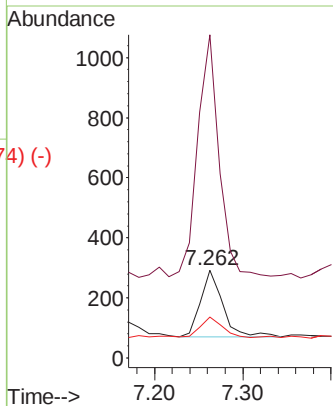
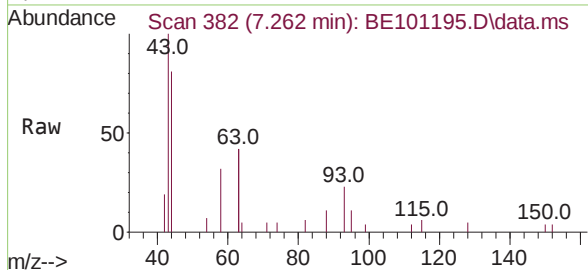




Scan 383 (7.275 min): BE101146.D\data.ms (-379) #6
 bis(2-Chloroethyl)ether
 Concen: 0.03 ng
 RT: 7.262 min Scan# 382
 Delta R.T. -0.003 min
 Lab File: BE101195.D
 Acq: 2 Apr 2021 14:16

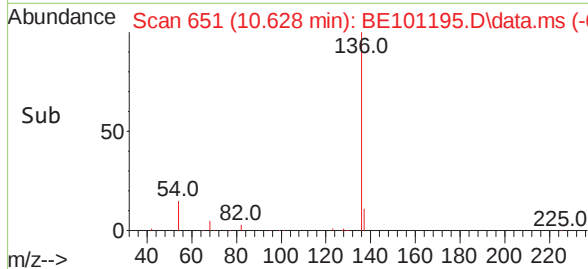
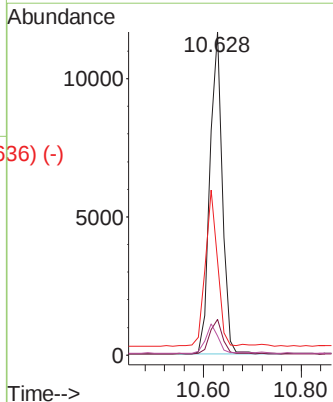
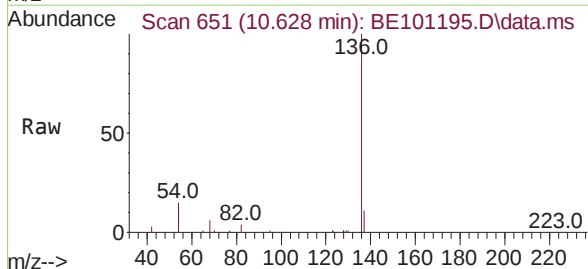
Instrument :
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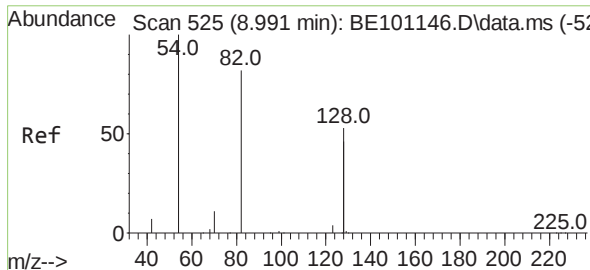
Tgt Ion:	93	Resp:	388
Ion	Ratio	Lower	Upper
93	100		
63	360.6	292.5	438.7
95	30.2	25.8	38.6



Scan 652 (10.640 min): BE101146.D\data.ms (-644) #7
 Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.628 min Scan# 651
 Delta R.T. 0.001 min
 Lab File: BE101195.D
 Acq: 2 Apr 2021 14:16

Tgt Ion:	136	Resp:	20318
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	29.1	20.2	30.4
68	6.0	4.0	6.0

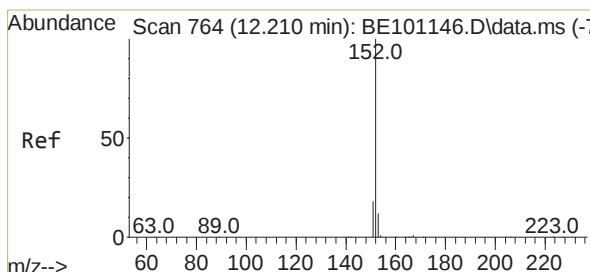
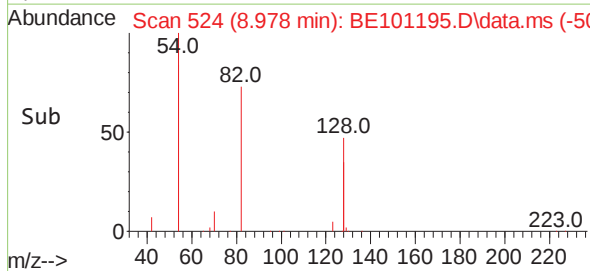
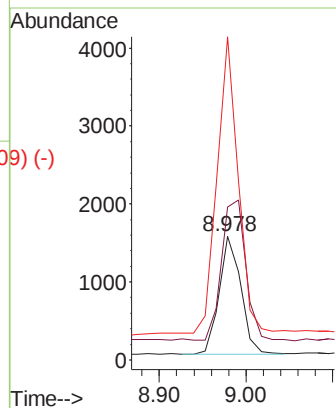
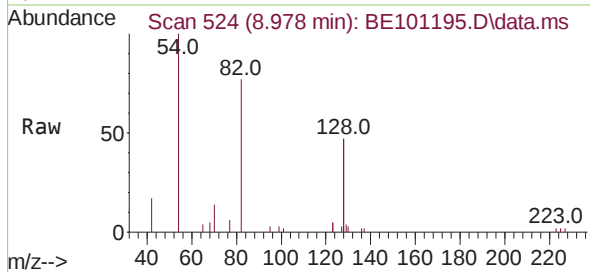




Nitrobenzene-d5
 Concen: 0.22 ng
 RT: 8.978 min Scan# 524
 Delta R.T. 0.001 min
 Lab File: BE101195.D
 Acq: 2 Apr 2021 14:16

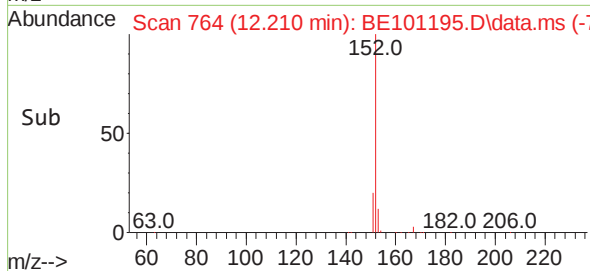
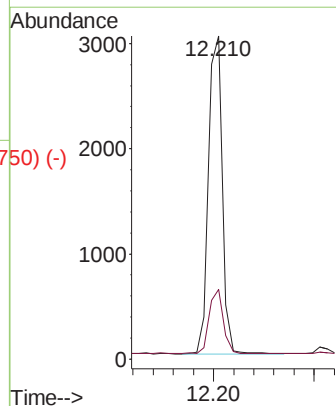
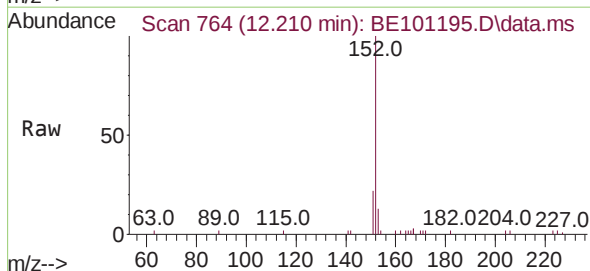
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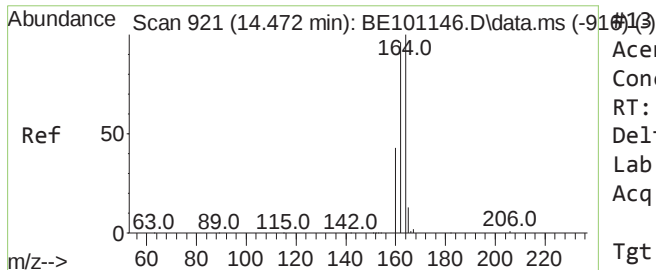
Tgt Ion: 82 Resp: 2668
 Ion Ratio Lower Upper
 82 100
 128 123.8 101.5 152.3
 54 261.1 189.8 284.6



2-Methylnaphthalene-d10
 Concen: 0.17 ng
 RT: 12.210 min Scan# 764
 Delta R.T. 0.001 min
 Lab File: BE101195.D
 Acq: 2 Apr 2021 14:16

Tgt Ion: 152 Resp: 5785
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.6 24.8

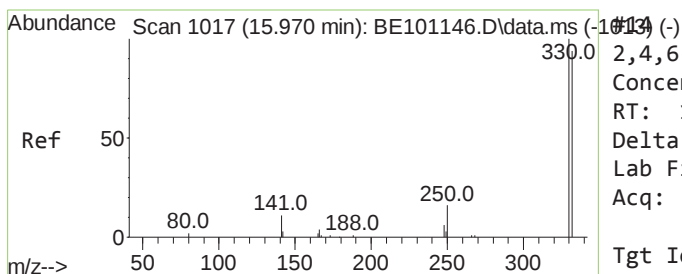
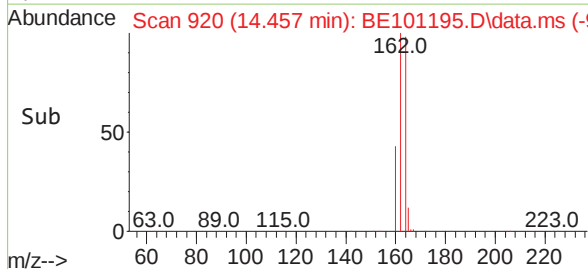
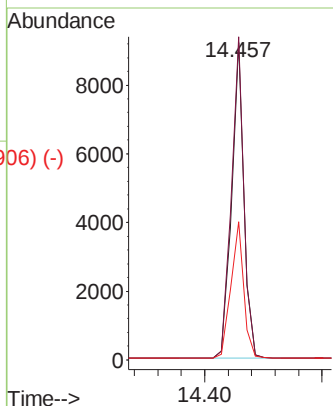
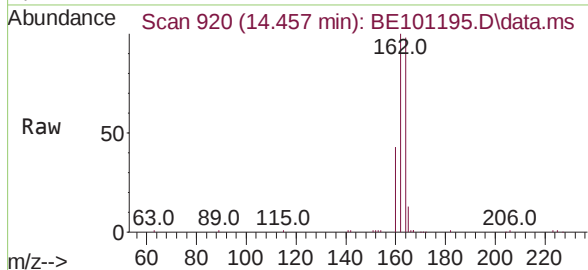




Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.457 min Scan# 920
 Delta R.T. 0.001 min
 Lab File: BE101195.D
 Acq: 2 Apr 2021 14:16

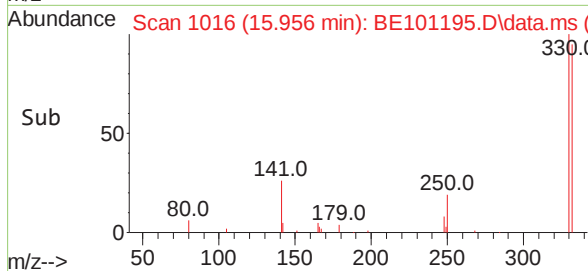
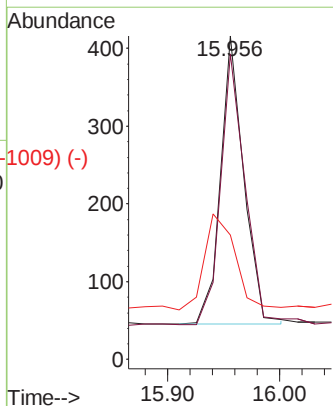
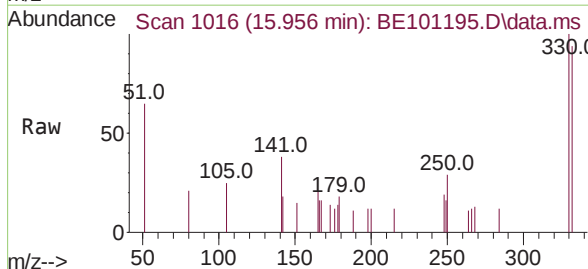
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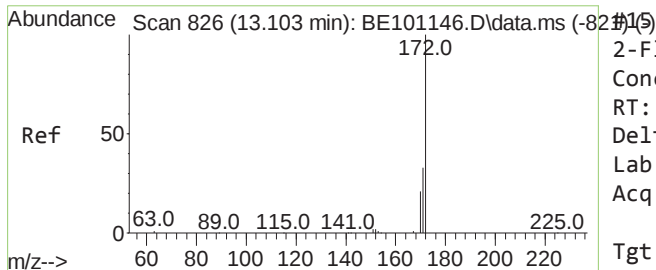
Tgt Ion:	164	Resp:	13368
Ion	Ratio	Lower	Upper
164	100		
162	101.8	76.6	115.0
160	43.6	34.5	51.7



2,4,6-Tribromophenol
 Concen: 0.22 ng
 RT: 15.956 min Scan# 1016
 Delta R.T. -0.001 min
 Lab File: BE101195.D
 Acq: 2 Apr 2021 14:16

Tgt Ion:	330	Resp:	533
Ion	Ratio	Lower	Upper
330	100		
332	98.5	69.1	103.7
141	43.9	30.6	45.8

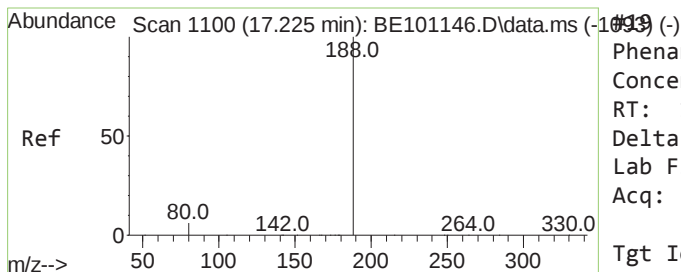
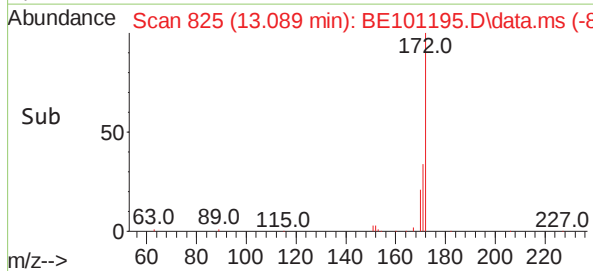
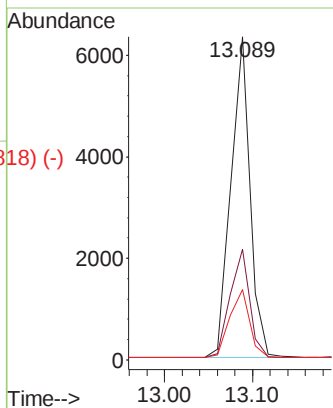
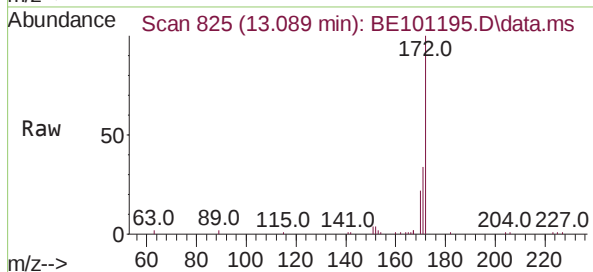




2-Fluorobiphenyl
 Concen: 0.19 ng
 RT: 13.089 min Scan# 825
 Delta R.T. 0.001 min
 Lab File: BE101195.D
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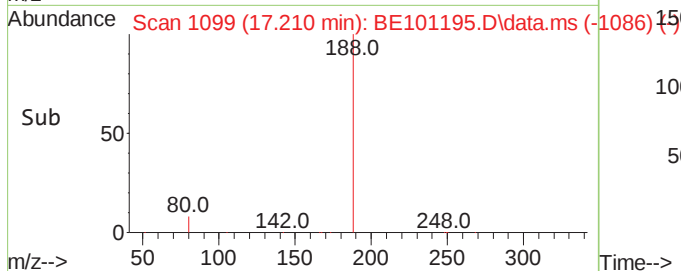
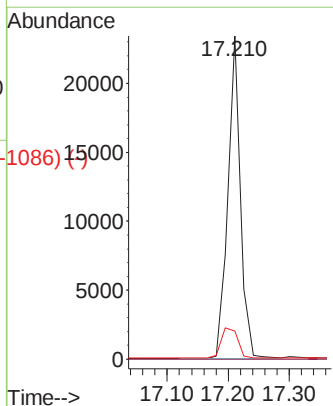
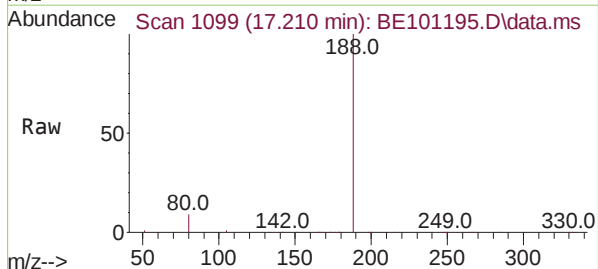
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Tgt Ion:	172	Resp:	9626
Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.4	39.6
170	21.7	17.4	26.0

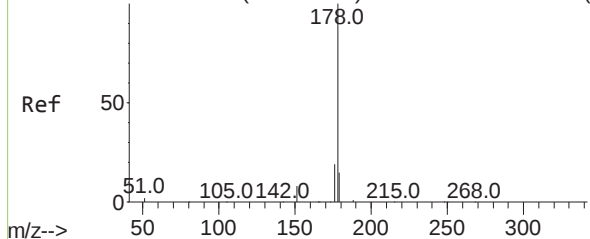


Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.210 min Scan# 1099
 Delta R.T. -0.001 min
 Lab File: BE101195.D
 Acq: 2 Apr 2021 14:16

Tgt Ion:	188	Resp:	33203
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	4.8	7.2#



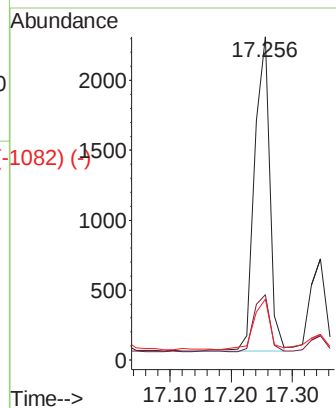
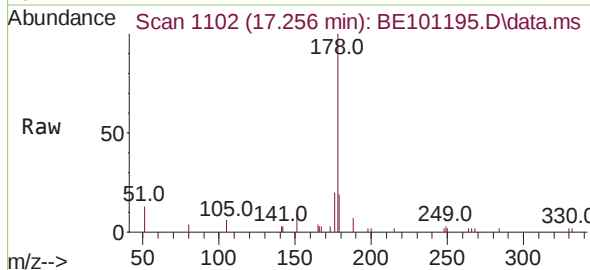
Abundance Scan 1102 (17.256 min): BE101146.D\data.ms (-1025) (-)



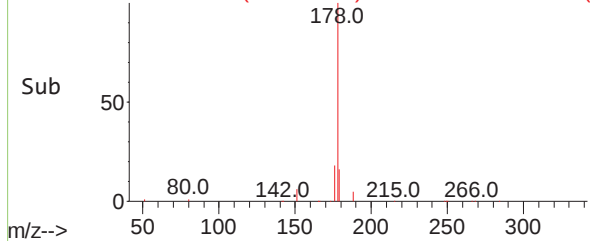
Phenanthrene
Concen: 0.04 ng
RT: 17.256 min Scan# 1102
Delta R.T. -0.001 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Instrument :
BNA_E
ClientSampleId :
RE115D2-20210325DL

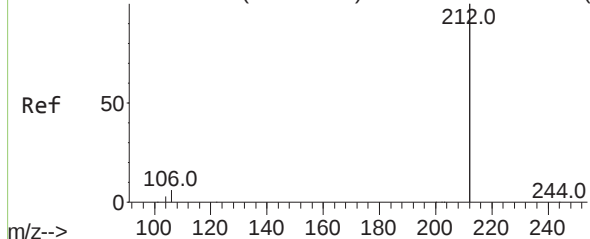
Tgt Ion:	178	Resp:	3921
Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	16.9	12.4	18.6



Abundance Scan 1102 (17.256 min): BE101195.D\data.ms (-1082) (-)

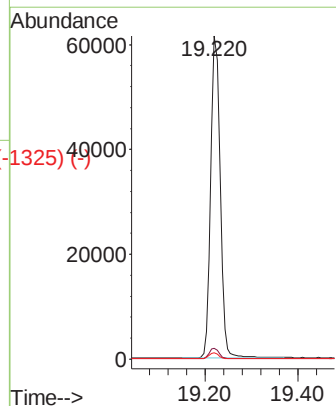
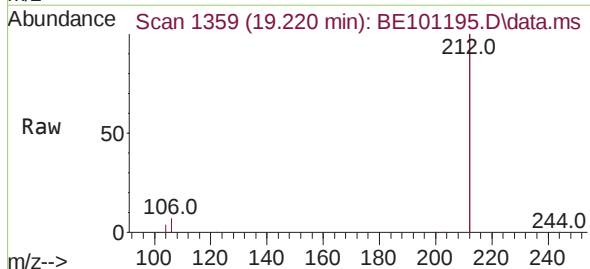


Abundance Scan 1361 (19.232 min): BE101146.D\data.ms (-1323) (-)

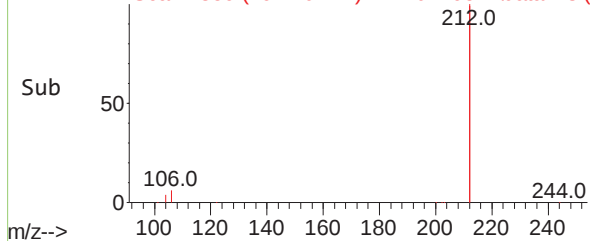


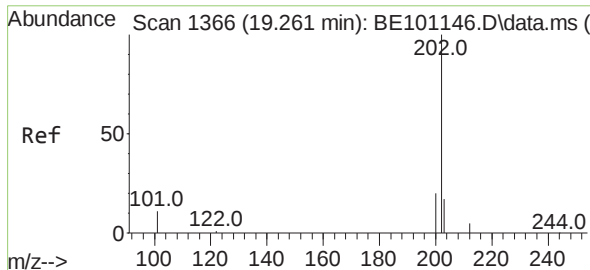
Fluoranthene-d10
Concen: 0.21 ng
RT: 19.220 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:	212	Resp:	87236
Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.9	1.4	2.2



Abundance Scan 1359 (19.220 min): BE101195.D\data.ms (-1325) (-)

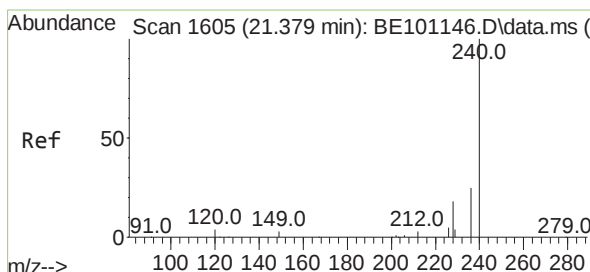
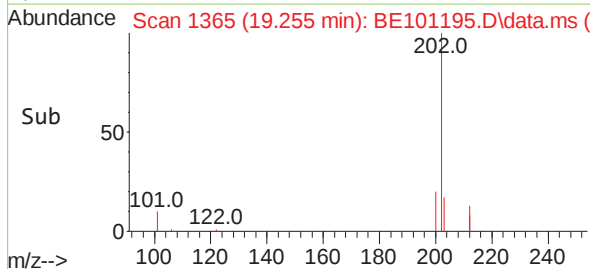
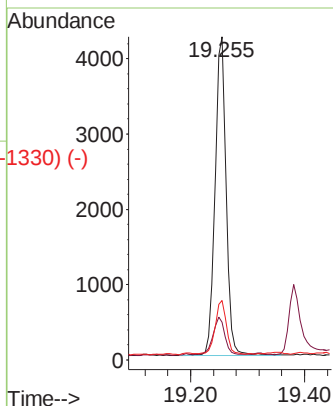
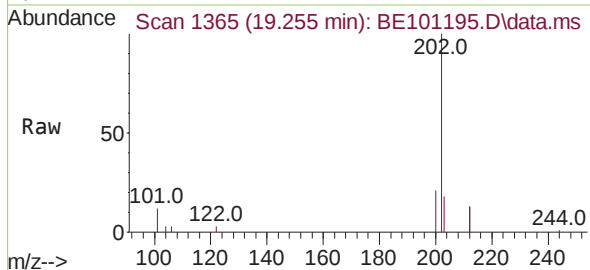




Fluoranthene
Concen: 0.05 ng
RT: 19.255 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

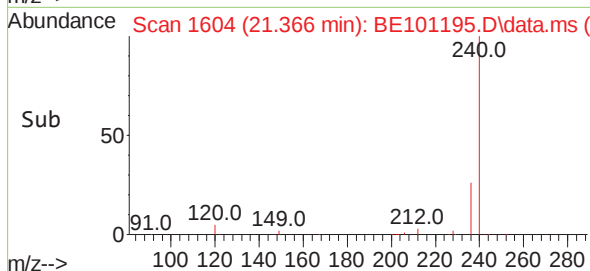
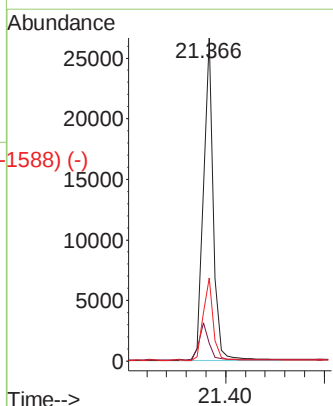
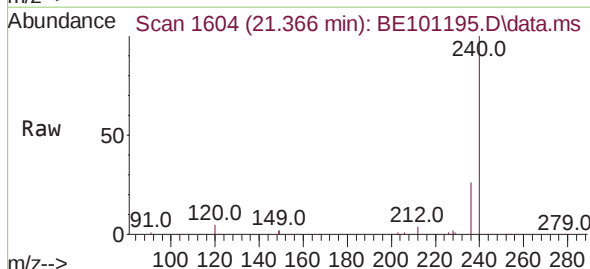
Instrument :
BNA_E
ClientSampleId :
RE115D2-20210325DL

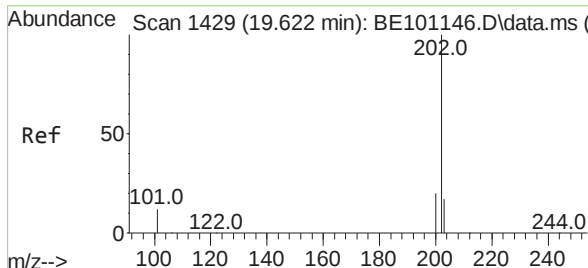
Tgt Ion:	202	Resp:	5769
Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.9	13.3
203	17.0	13.8	20.6



Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. -0.001 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:	240	Resp:	36920
Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.1	6.1
236	25.7	20.3	30.5

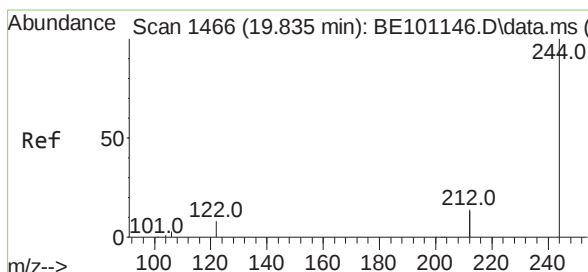
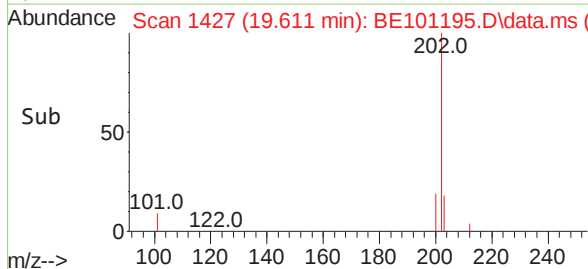
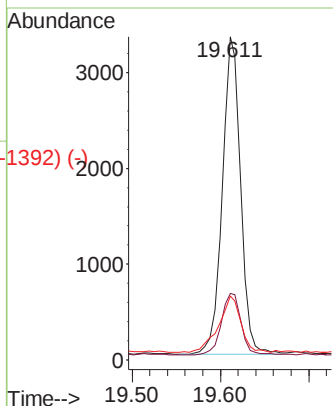
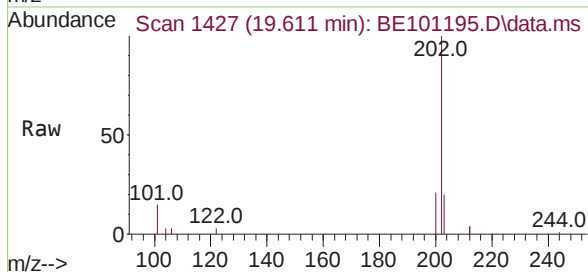




Pyrene
Concen: 0.04 ng
RT: 19.611 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

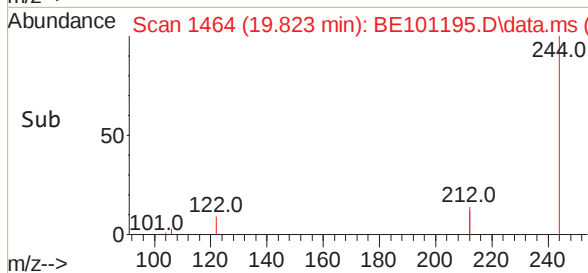
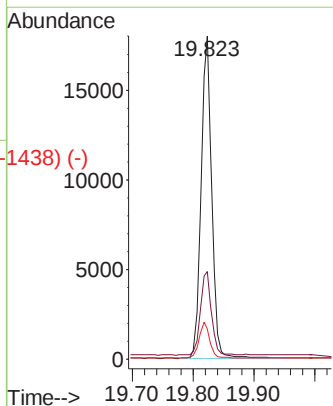
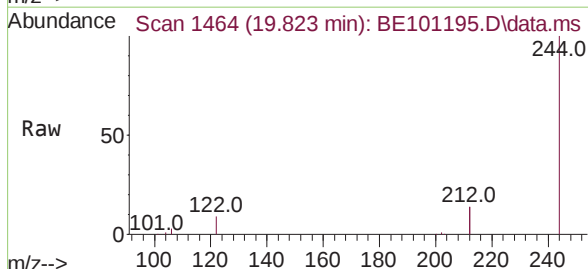
Instrument :
BNA_E
ClientSampleId :
RE115D2-20210325DL

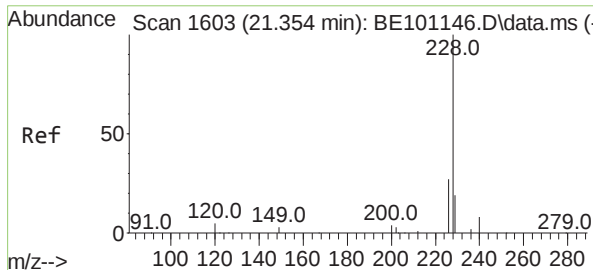
Tgt Ion:	202	Resp:	4854
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.2	24.2
203	21.5	13.9	20.9#



Terphenyl-d14
Concen: 0.26 ng
RT: 19.823 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:	244	Resp:	22121
Ion	Ratio	Lower	Upper
244	100		
212	27.1	21.7	32.5
122	9.2	6.6	10.0

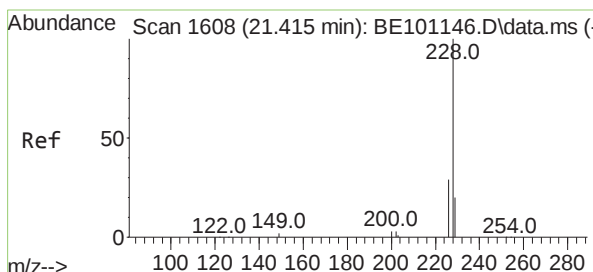
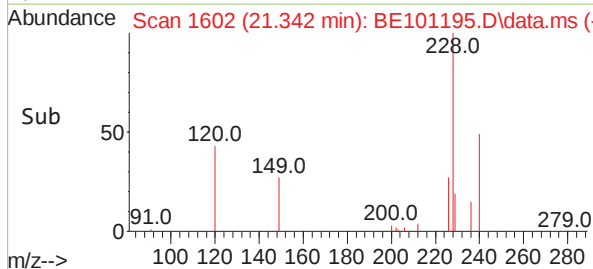
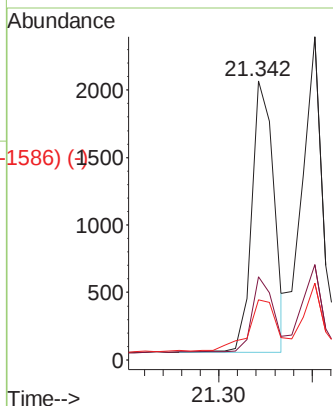
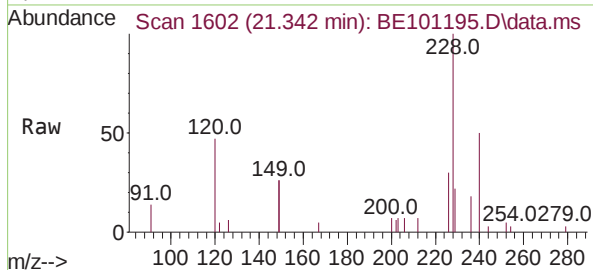




Benzo(a)anthracene
 Concen: 0.04 ng
 RT: 21.342 min Scan# 1602
 Delta R.T. -0.001 min
 Lab File: BE101195.D
 Acq: 2 Apr 2021 14:16

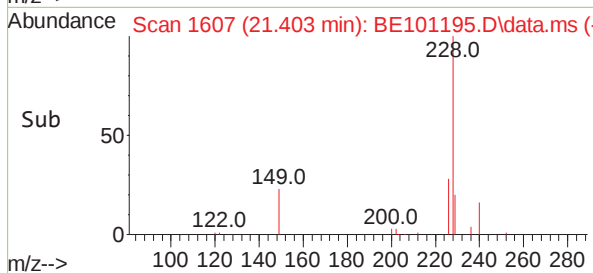
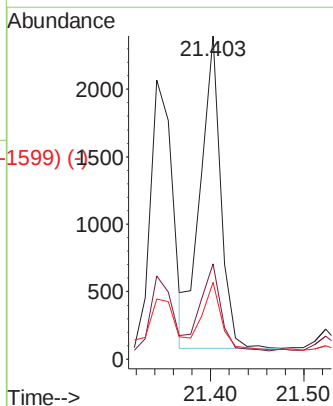
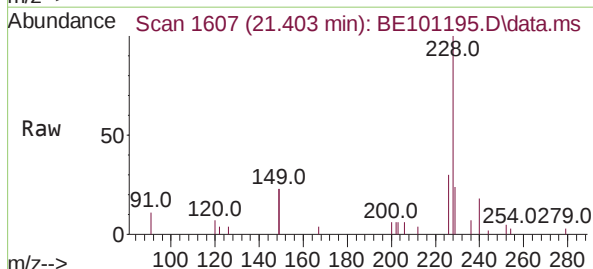
Instrument :
 BNA_E
 ClientSampleId :
 RE115D2-20210325DL

Tgt Ion:	228	Resp:	3352
Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.8	32.8
229	21.6	15.4	23.0

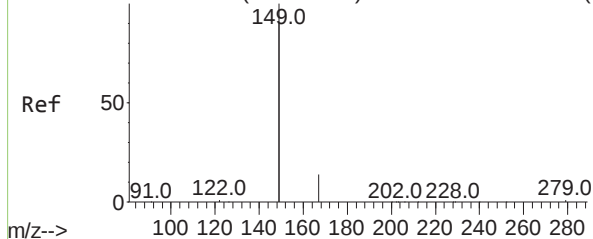


Chrysene
 Concen: 0.03 ng
 RT: 21.403 min Scan# 1607
 Delta R.T. -0.001 min
 Lab File: BE101195.D
 Acq: 2 Apr 2021 14:16

Tgt Ion:	228	Resp:	3464
Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.8	34.2
229	23.7	16.2	24.2



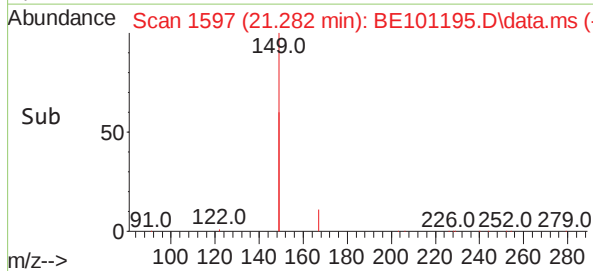
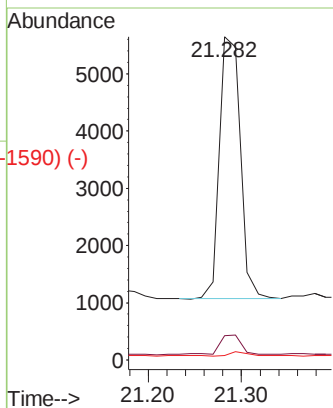
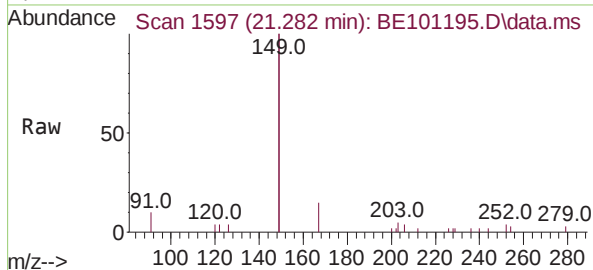
Abundance Scan 1599 (21.306 min): BE101146.D\data.ms (-1599) (-)



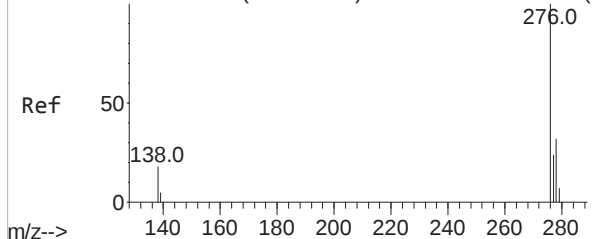
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.282 min Scan# 1597
Delta R.T. -0.013 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Instrument :
BNA_E
ClientSampleId :
RE115D2-20210325DL

Tgt Ion:	149	Resp:	7157
Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.4	8.2
279	1.5	0.9	1.3#

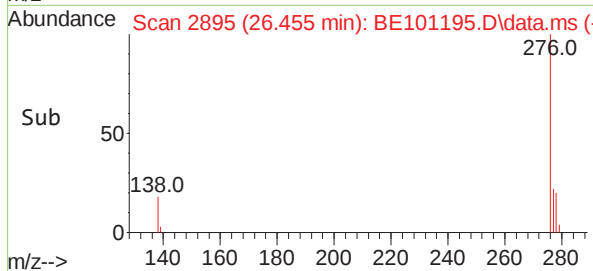
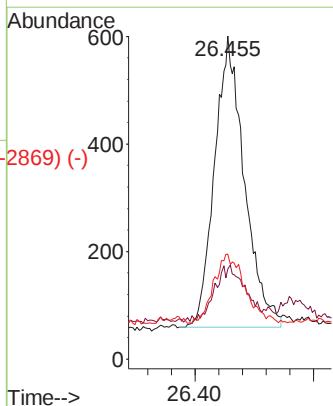
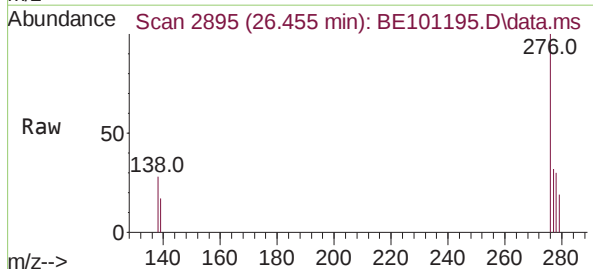


Abundance Scan 2903 (26.484 min): BE101146.D\data.ms (-2903) (-)



Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 26.455 min Scan# 2895
Delta R.T. -0.007 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

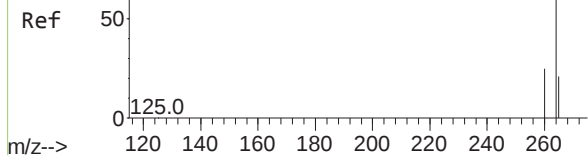
Tgt Ion:	276	Resp:	1892
Ion	Ratio	Lower	Upper
276	100		
138	7.2	17.1	25.7#
277	23.9	19.8	29.8



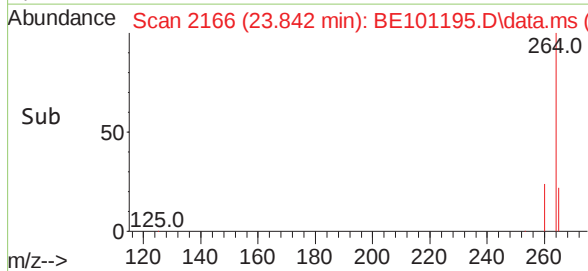
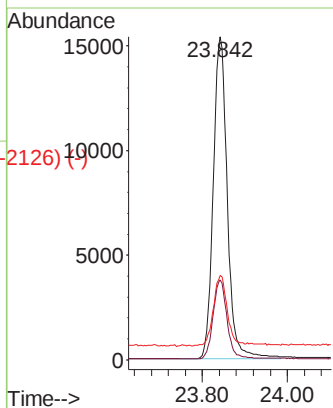
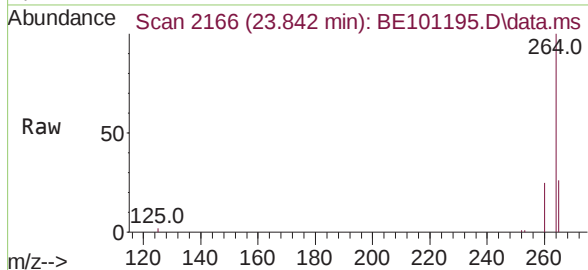
Abundance Scan 2172 (23.863 min): BE101146.D\data.ms (-2136) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.842 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Instrument :
BNA_E
ClientSampleId :
RE115D2-20210325DL



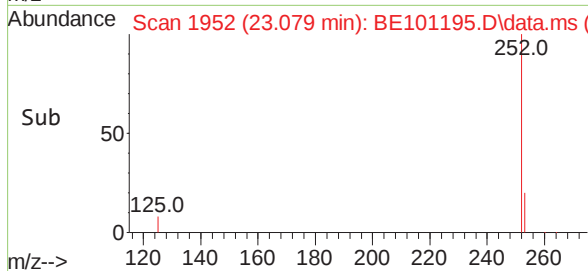
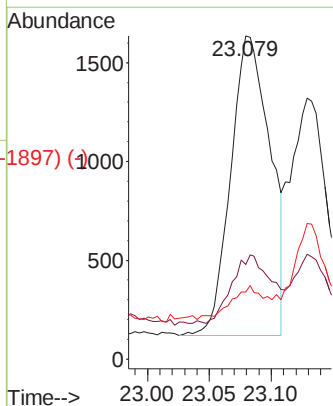
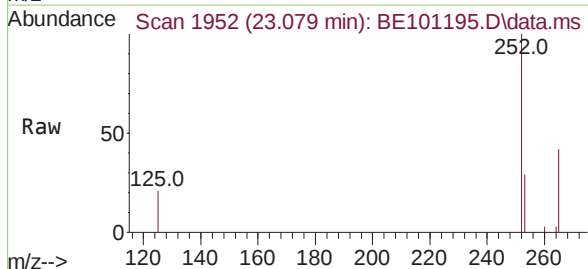
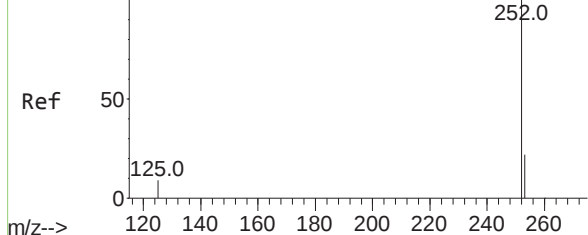
Tgt Ion:	264	Resp:	35296
Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.5	30.7
265	26.2	20.6	30.8



Abundance Scan 1958 (23.100 min): BE101146.D\data.ms (-1938) (-)

Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 23.079 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

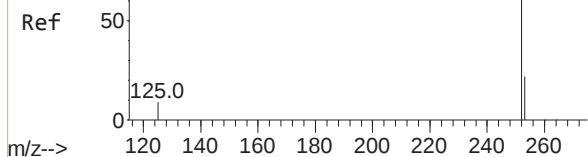
Tgt Ion:	252	Resp:	3359
Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.8	26.8#
125	20.7	7.5	11.3#



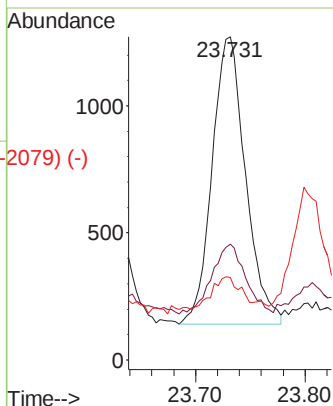
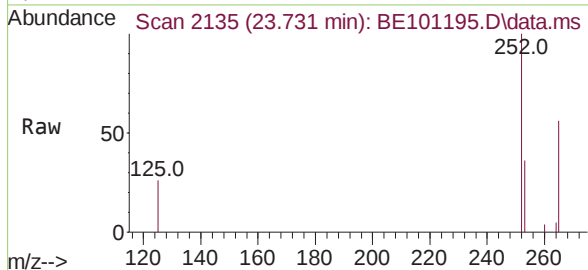
Abundance Scan 2140 (23.749 min): BE101146.D\data.ms (-239) (-)

Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.731 min Scan# 2135
Delta R.T. -0.002 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

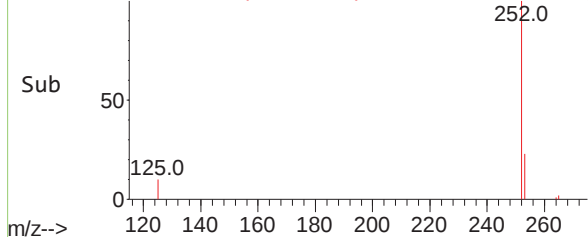
Instrument :
BNA_E
ClientSampleId :
RE115D2-20210325DL



Tgt Ion:	252	Resp:	2391
Ion	Ratio	Lower	Upper
252	100		
253	35.8	18.6	28.0#
125	25.6	8.3	12.5#



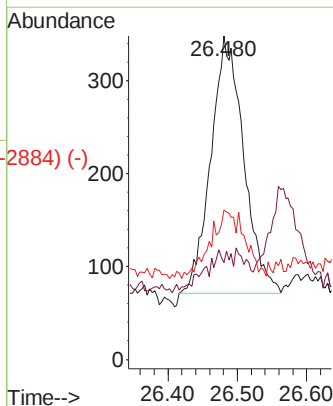
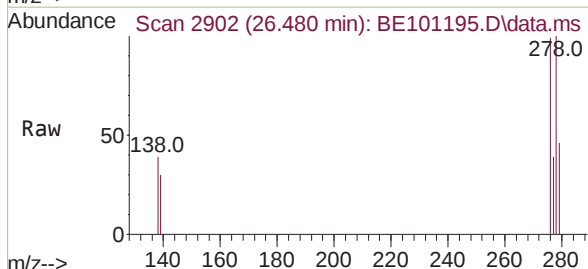
Abundance Scan 2135 (23.731 min): BE101195.D\data.ms (-2079) (-)



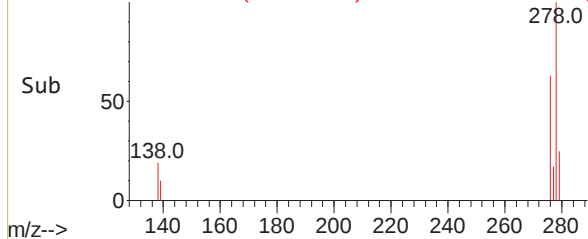
Abundance Scan 2912 (26.516 min): BE101146.D\data.ms (-284) (-)

Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 26.480 min Scan# 2902
Delta R.T. -0.014 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

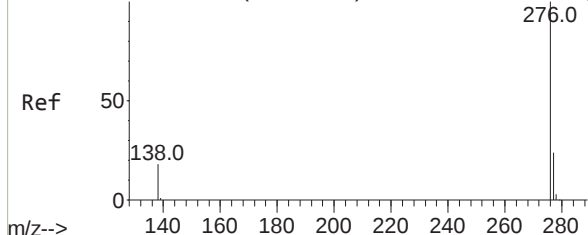
Tgt Ion:	278	Resp:	908
Ion	Ratio	Lower	Upper
278	100		
139	29.9	12.0	18.0#
279	46.3	20.2	30.4#



Abundance Scan 2902 (26.480 min): BE101195.D\data.ms (-2884) (-)



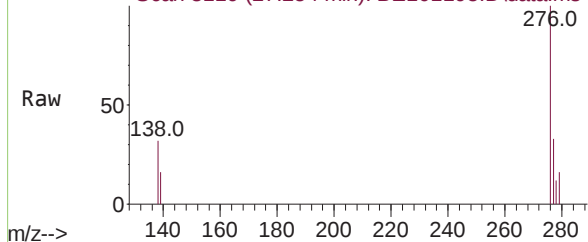
Abundance Scan 3129 (27.290 min): BE101146.D\data.ms (-3141) (-)



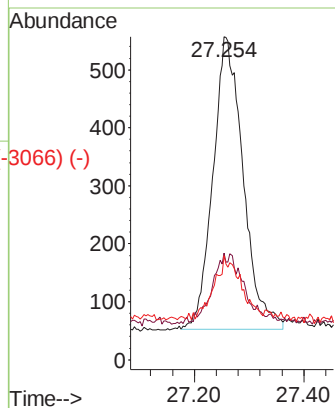
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 27.254 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Instrument :
BNA_E
ClientSampleId :
RE115D2-20210325DL

Abundance Scan 3119 (27.254 min): BE101195.D\data.ms



Tgt Ion:	276	Resp:	1924
Ion	Ratio	Lower	Upper
276	100		
277	33.0	19.7	29.5#
138	32.1	15.3	22.9#



Abundance Scan 3119 (27.254 min): BE101195.D\data.ms (-3066) (-)

