

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE040121\  
 Data File : BE101186.D  
 Acq On : 1 Apr 2021 20:25  
 Operator : CG/JU  
 Sample : M1843-13DL 2X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 RE115D2-20210325DL

Quant Time: Apr 02 02:28:20 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

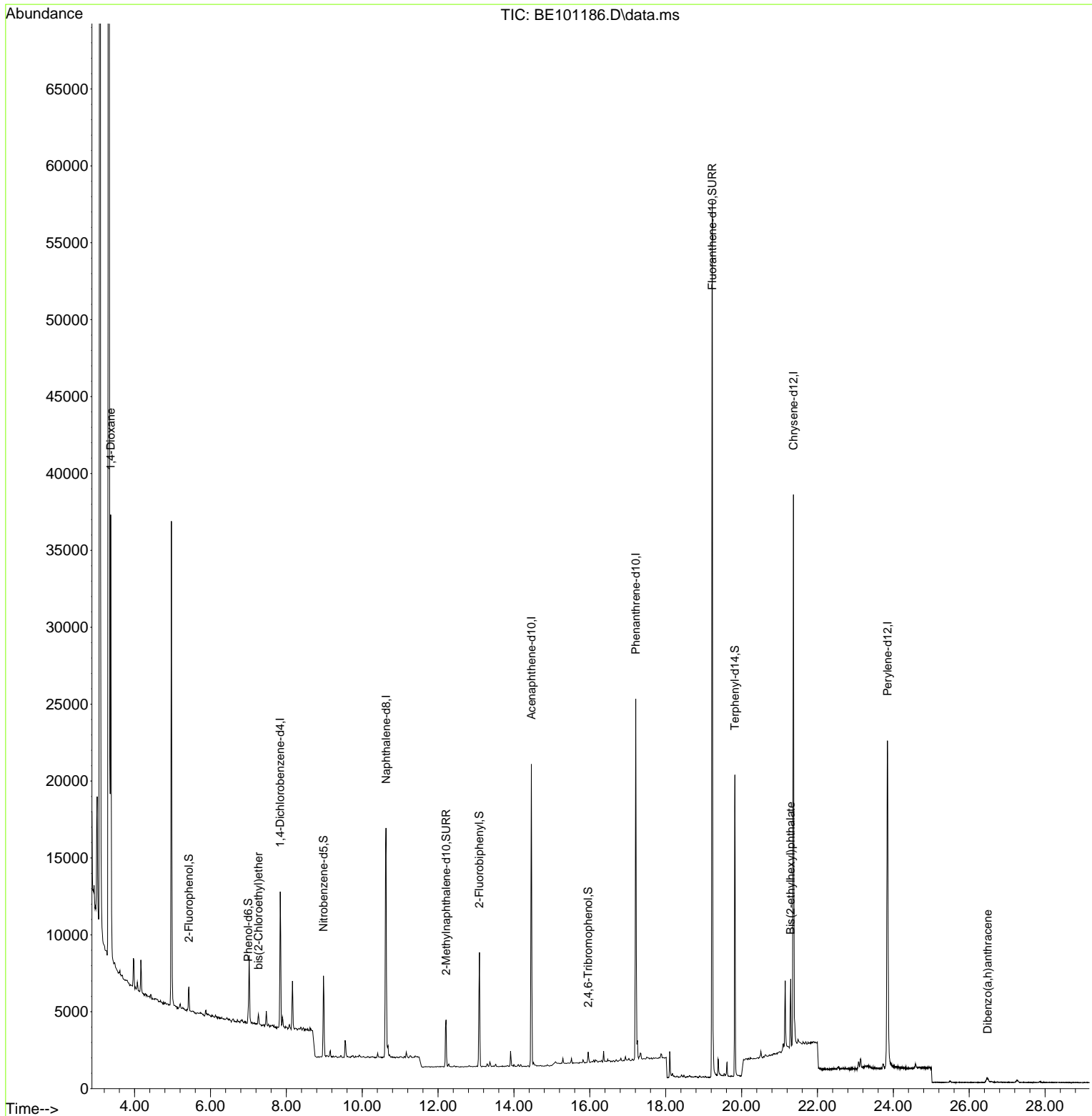
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
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Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.838	152	3923	0.40	ng	-0.01	
7) Naphthalene-d8	10.628	136	16957	0.40	ng	#-0.01	
13) Acenaphthene-d10	14.458	164	11030	0.40	ng	-0.01	
19) Phenanthrene-d10	17.210	188	30174	0.40	ng	#-0.01	
29) Chrysene-d12	21.366	240	36041	0.40	ng	#-0.01	
36) Perylene-d12	23.845	264	33372	0.40	ng	-0.02	
System Monitoring Compounds							
4) 2-Fluorophenol	5.431	112	777	0.08	ng	0.00	
5) Phenol-d6	6.998	99	689	0.05	ng	0.00	
8) Nitrobenzene-d5	8.978	82	1975	0.20	ng	-0.01	
11) 2-Methylnaphthalene-d10	12.210	152	4287	0.15	ng	0.00	
14) 2,4,6-Tribromophenol	15.955	330	386	0.20	ng	-0.01	
15) 2-Fluorobiphenyl	13.089	172	6748	0.16	ng	-0.01	
27) Fluoranthene-d10	19.226	212	75344	0.20	ng	0.00	
31) Terphenyl-d14	19.823	244	17909	0.22	ng	-0.01	
Target Compounds							
2) 1,4-Dioxane	3.370	88	14890	2.34	ng	#	93
6) bis(2-Chloroethyl)ether	7.263	93	301	0.03	ng		81
34) Bis(2-ethylhexyl)phtha...	21.293	149	5543	0.09	ng		97
40) Dibenzo(a,h)anthracene	26.484	278	388	0.11	ng	#	7
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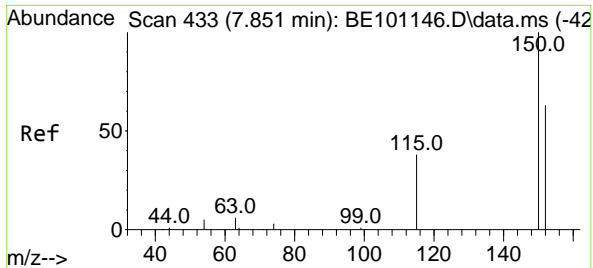
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE040121\  
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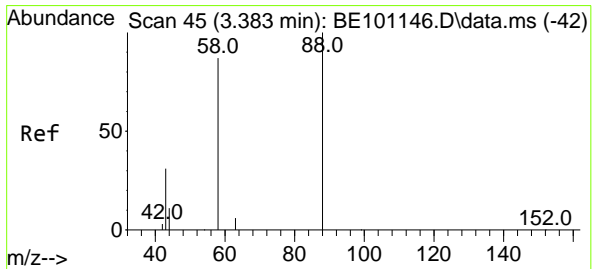
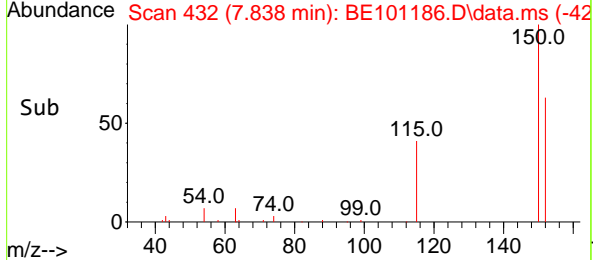
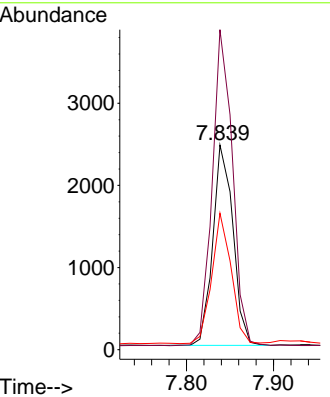
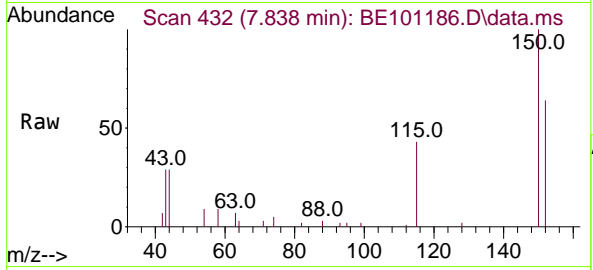


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.838 min Scan# 432  
 Delta R.T. -0.013 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

**Instrument :**  
 BNA\_E  
**ClientSampleId :**  
 RE115D2-20210325DL

Tgt Ion:152 Resp: 3923

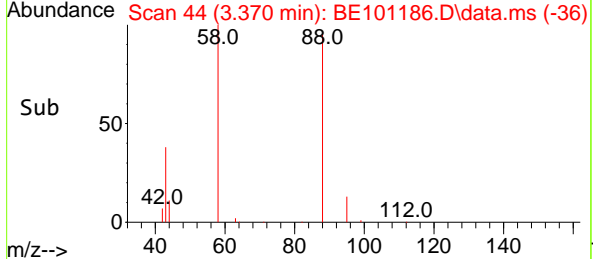
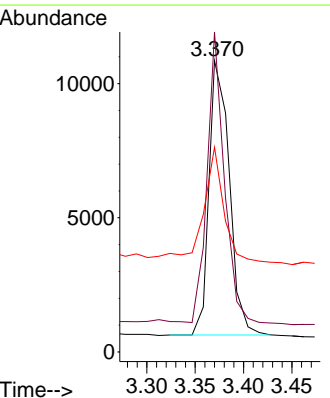
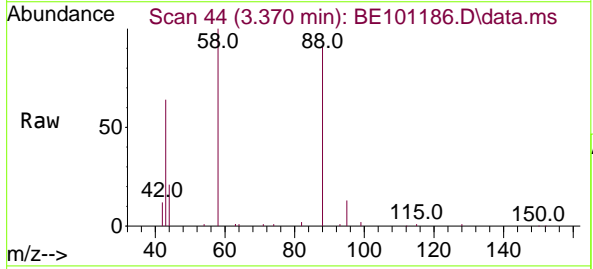
Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.3	189.5
115	66.7	48.9	73.3

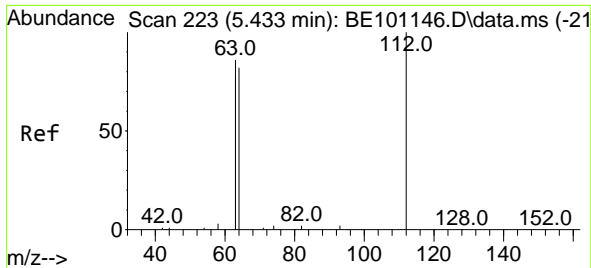


#2  
 1,4-Dioxane  
 Concen: 2.34 ng  
 RT: 3.370 min Scan# 44  
 Delta R.T. -0.013 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

Tgt Ion: 88 Resp: 14890

Ion	Ratio	Lower	Upper
88	100		
58	89.8	68.5	102.7
43	41.8	27.2	40.8



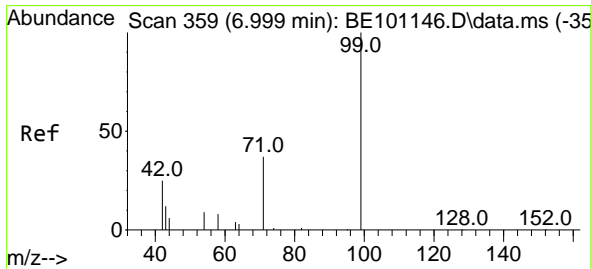
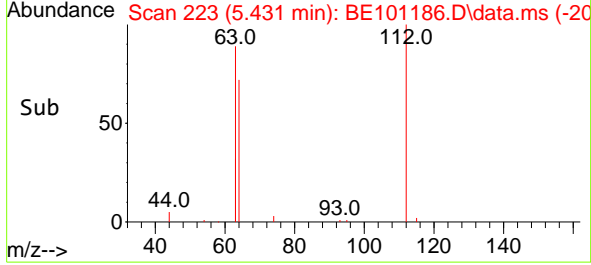
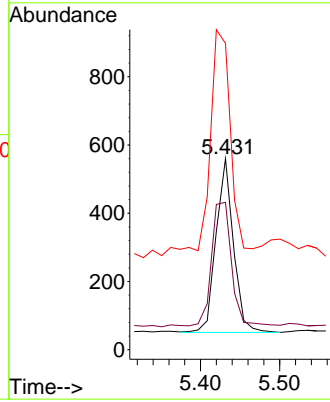
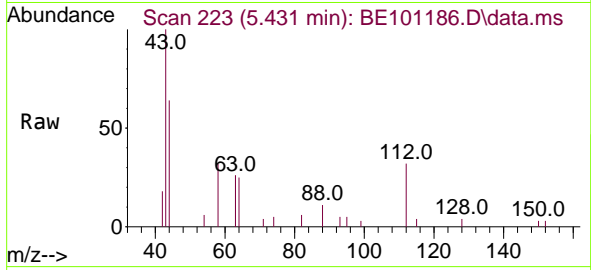


#4  
 2-Fluorophenol  
 Concen: 0.08 ng  
 RT: 5.431 min Scan# 223  
 Delta R.T. -0.001 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

Instrument :  
 BNA\_E  
 ClientSampleId :  
 RE115D2-20210325DL

Tgt Ion: 112 Resp: 777

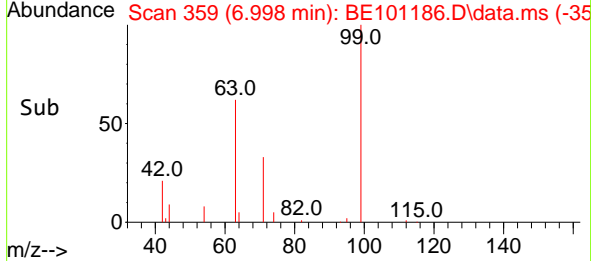
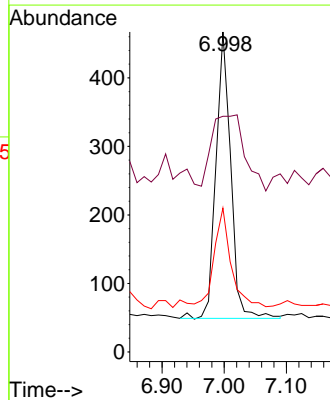
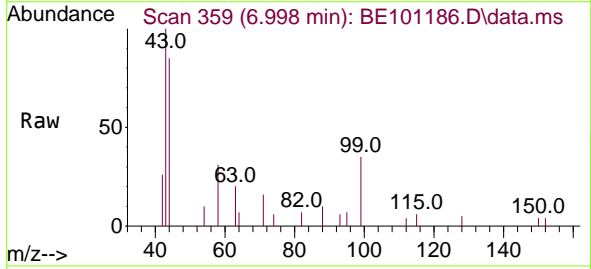
Ion	Ratio	Lower	Upper
112	100		
64	84.9	60.8	91.2
63	162.5	119.4	179.0

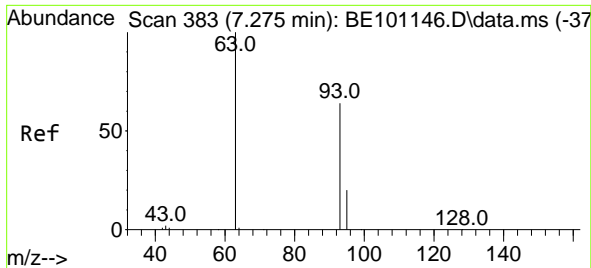


#5  
 Phenol-d6  
 Concen: 0.05 ng  
 RT: 6.998 min Scan# 359  
 Delta R.T. -0.001 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

Tgt Ion: 99 Resp: 689

Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.8	28.2#
71	41.7	26.3	39.5#



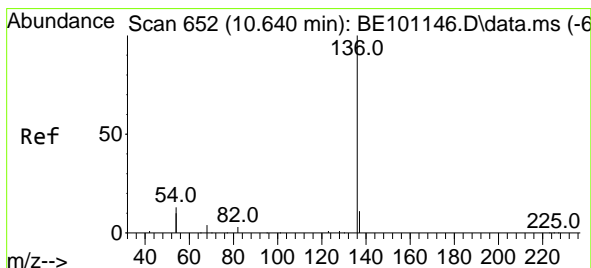
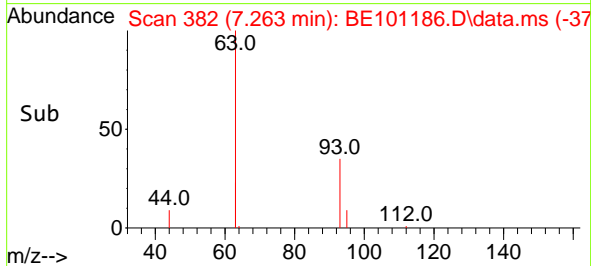
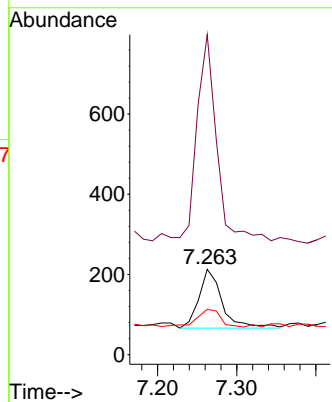
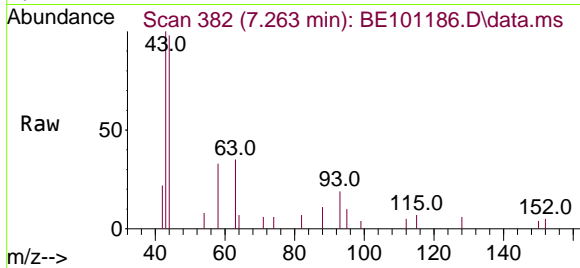


#6  
 bis(2-Chloroethyl)ether  
 Concen: 0.03 ng  
 RT: 7.263 min Scan# 382  
 Delta R.T. -0.013 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

Instrument :  
 BNA\_E  
 ClientSampleId :  
 RE115D2-20210325DL

Tgt Ion: 93 Resp: 301

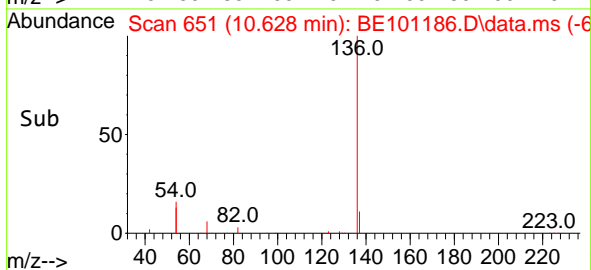
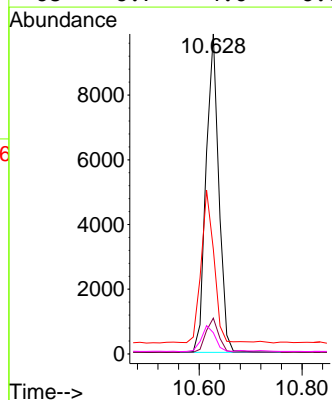
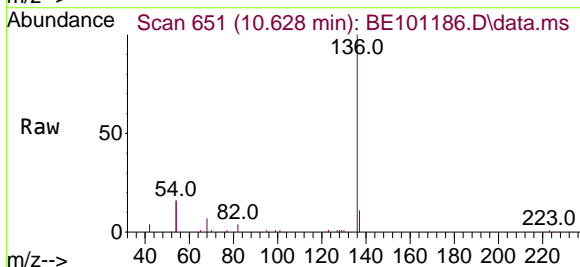
Ion	Ratio	Lower	Upper
93	100		
63	320.9	292.5	438.7
95	30.2	25.8	38.6

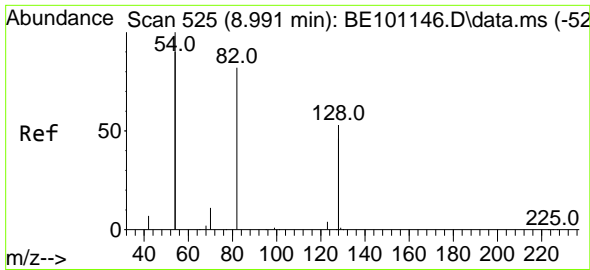


#7  
 Naphthalene-d8  
 Concen: 0.40 ng  
 RT: 10.628 min Scan# 651  
 Delta R.T. -0.013 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

Tgt Ion: 136 Resp: 16957

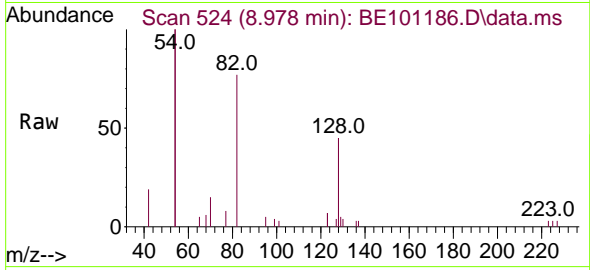
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	32.7	20.2	30.4#
68	6.7	4.0	6.0#



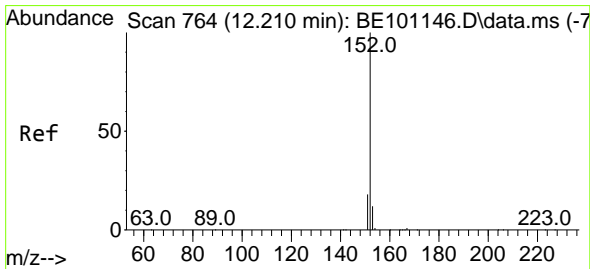
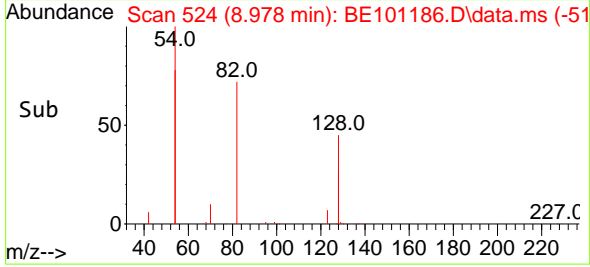
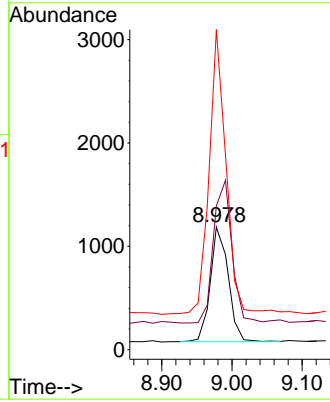


#8  
 Nitrobenzene-d5  
 Concen: 0.20 ng  
 RT: 8.978 min Scan# 524  
 Delta R.T. -0.013 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

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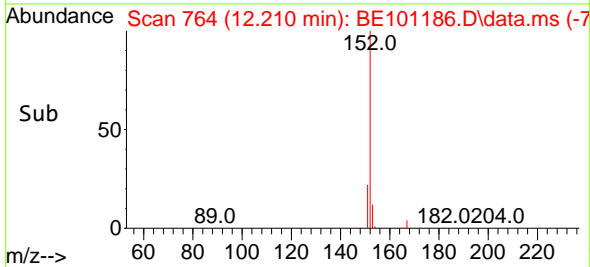
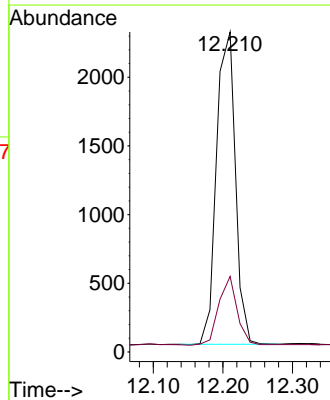
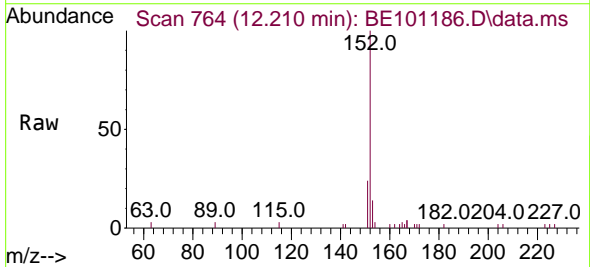


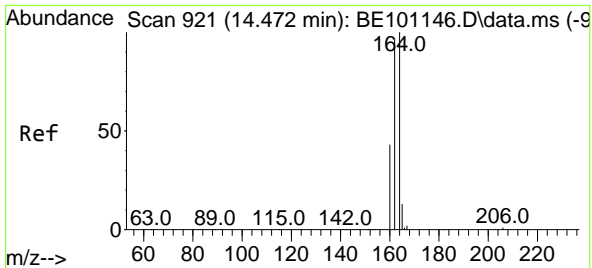
Tgt Ion	Resp	Lower	Upper
82	1975	100	
128	117.3	101.5	152.3
54	261.3	189.8	284.6



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.15 ng  
 RT: 12.210 min Scan# 764  
 Delta R.T. 0.000 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

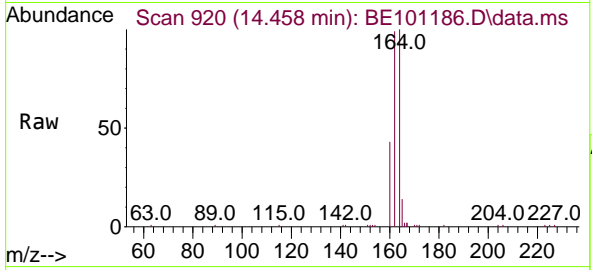
Tgt Ion	Resp	Lower	Upper
152	4287	100	
151	21.6	16.6	24.8





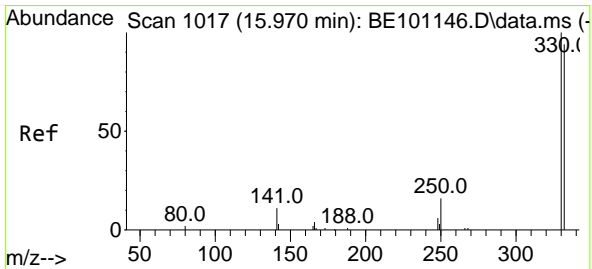
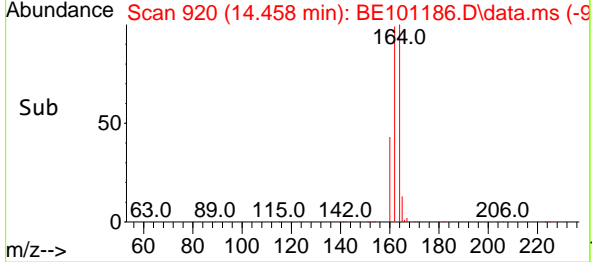
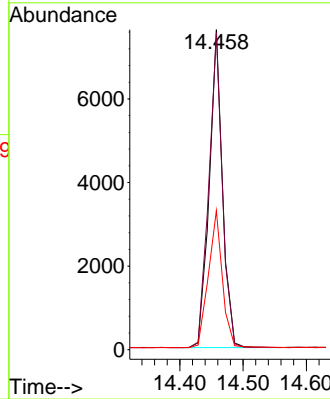
#13  
 Acenaphthene-d10  
 Concen: 0.40 ng  
 RT: 14.458 min Scan# 920  
 Delta R.T. -0.014 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

**Instrument :**  
 BNA\_E  
**ClientSampleId :**  
 RE115D2-20210325DL

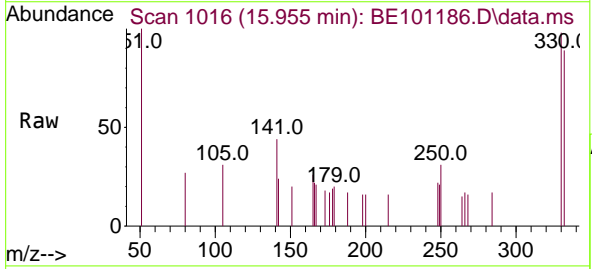


Tgt Ion:164 Resp: 11030

Ion	Ratio	Lower	Upper
164	100		
162	99.1	76.6	115.0
160	43.4	34.5	51.7

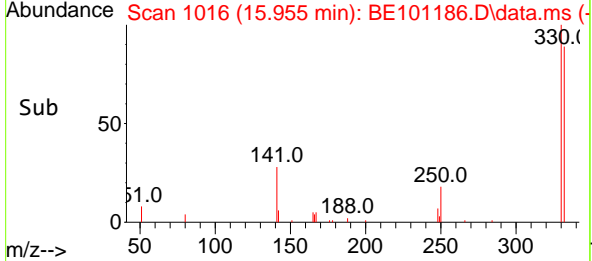
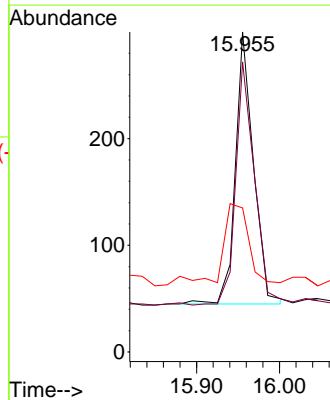


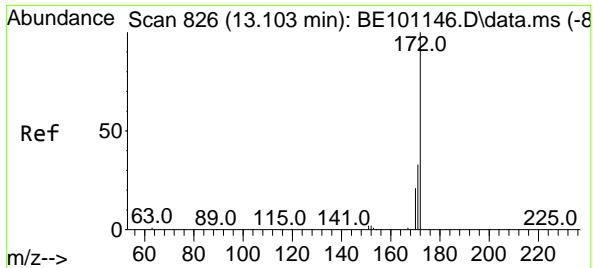
#14  
 2,4,6-Tribromophenol  
 Concen: 0.20 ng  
 RT: 15.955 min Scan# 1016  
 Delta R.T. -0.015 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25



Tgt Ion:330 Resp: 386

Ion	Ratio	Lower	Upper
330	100		
332	92.7	69.1	103.7
141	37.3	30.6	45.8

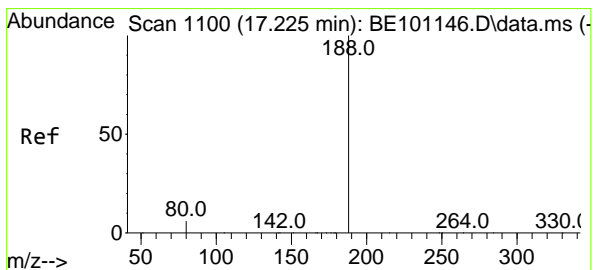
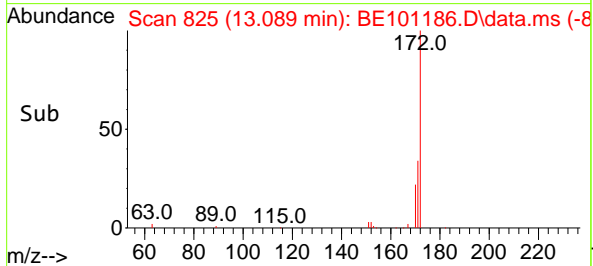
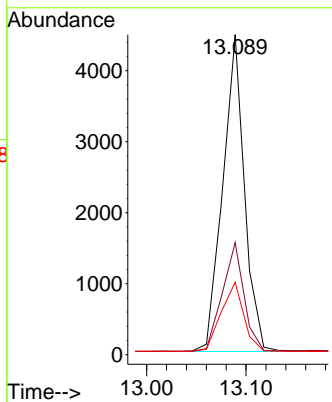
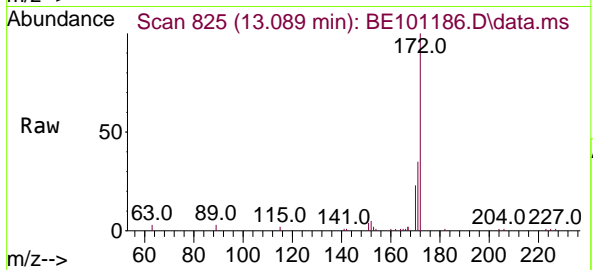




#15  
 2-Fluorobiphenyl  
 Concen: 0.16 ng  
 RT: 13.089 min Scan# 825  
 Delta R.T. -0.014 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

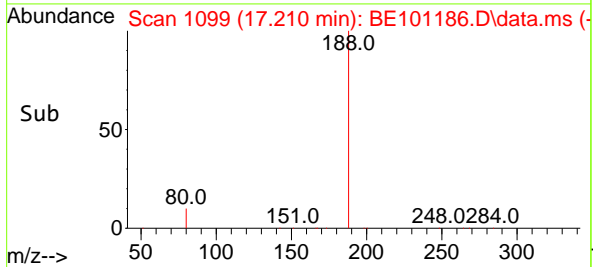
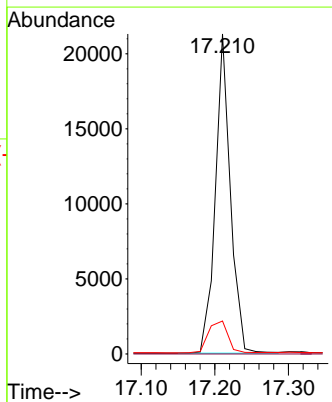
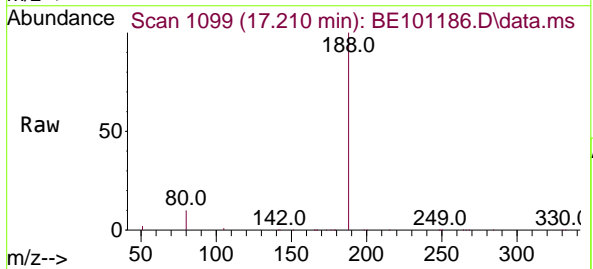
**Instrument :**  
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 RE115D2-20210325DL

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.0	26.4	39.6
170	22.6	17.4	26.0

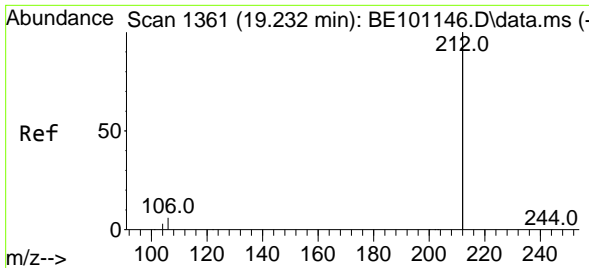


#19  
 Phenanthrene-d10  
 Concen: 0.40 ng  
 RT: 17.210 min Scan# 1099  
 Delta R.T. -0.015 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

Tgt Ion	Resp	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	4.8	7.2

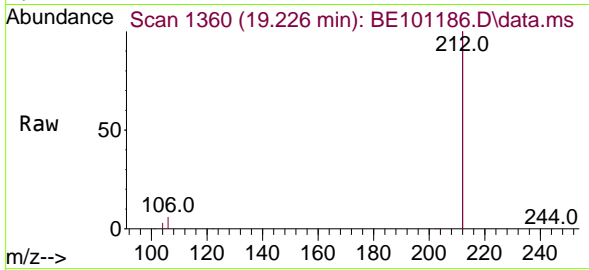






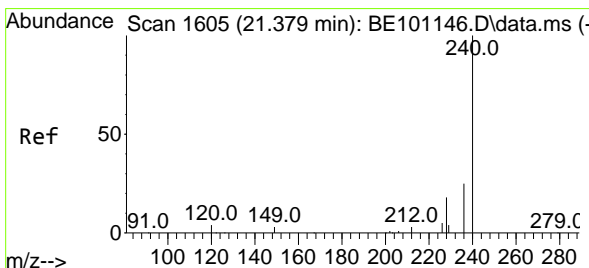
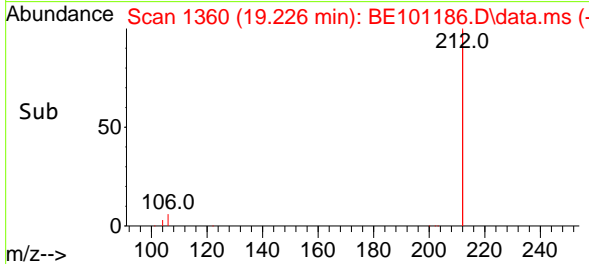
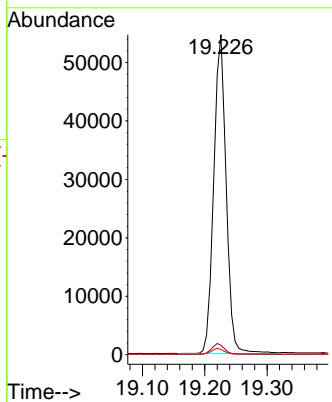
#27  
 Fluoranthene-d10  
 Concen: 0.20 ng  
 RT: 19.226 min Scan# 1360  
 Delta R.T. -0.006 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

**Instrument :**  
 BNA\_E  
**ClientSampleId :**  
 RE115D2-20210325DL



Tgt Ion: 212 Resp: 75344

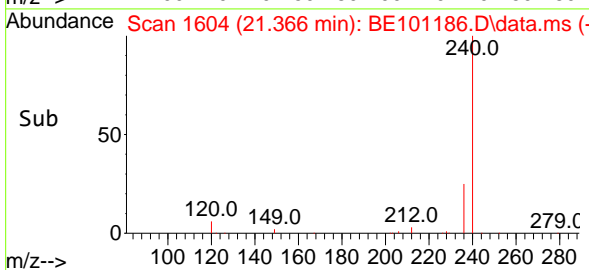
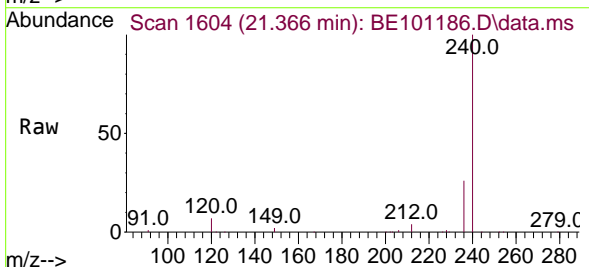
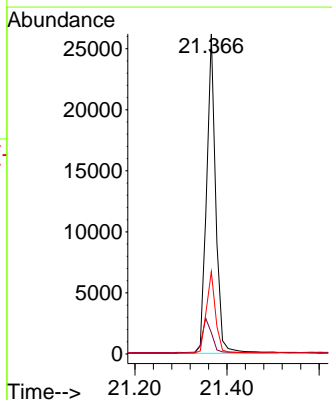
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	2.0	1.4	2.2

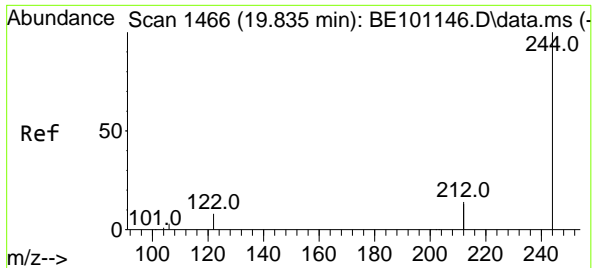


#29  
 Chrysene-d12  
 Concen: 0.40 ng  
 RT: 21.366 min Scan# 1604  
 Delta R.T. -0.013 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

Tgt Ion: 240 Resp: 36041

Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.1	6.1#
236	25.7	20.3	30.5



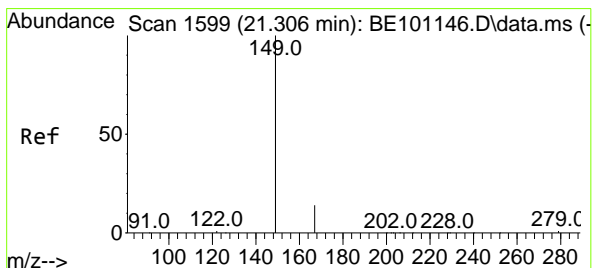
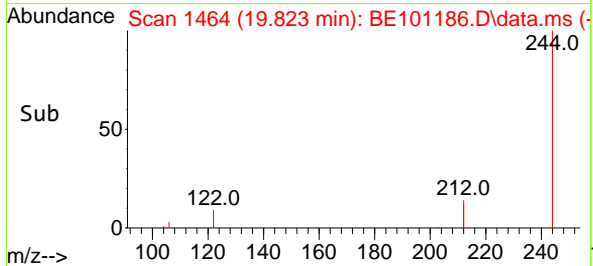
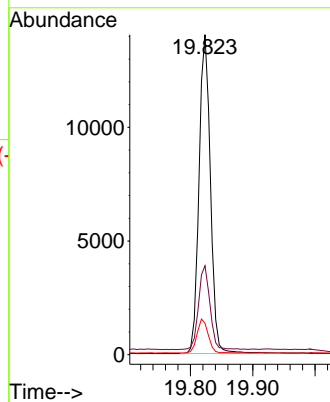
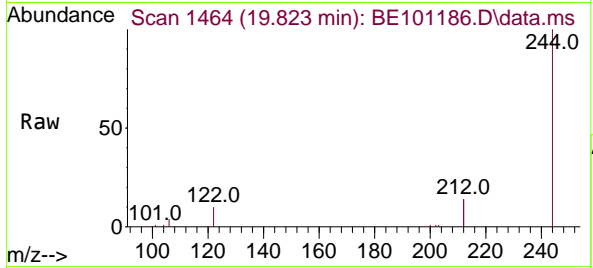


#31  
 Terphenyl-d14  
 Concen: 0.22 ng  
 RT: 19.823 min Scan# 1464  
 Delta R.T. -0.012 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

Instrument :  
 BNA\_E  
 ClientSampleID :  
 RE115D2-20210325DL

Tgt Ion:244 Resp: 17909

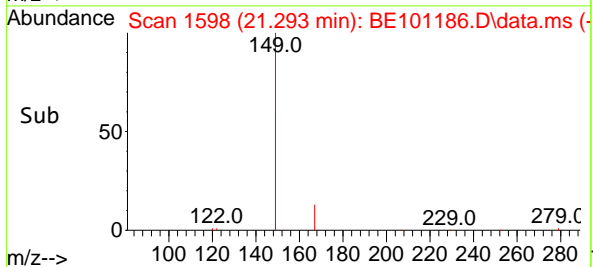
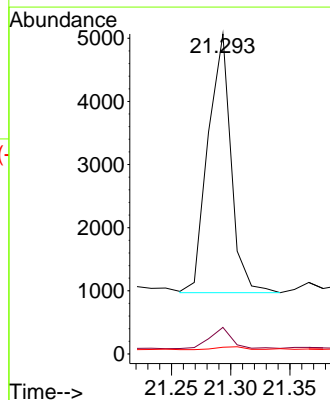
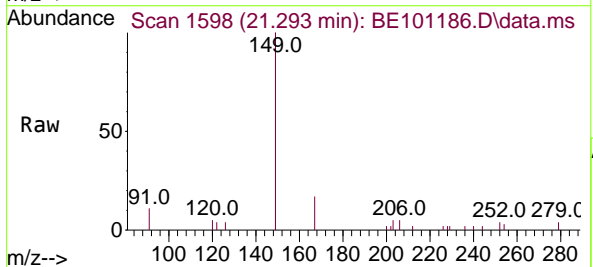
Ion	Ratio	Lower	Upper
244	100		
212	27.8	21.7	32.5
122	9.8	6.6	10.0

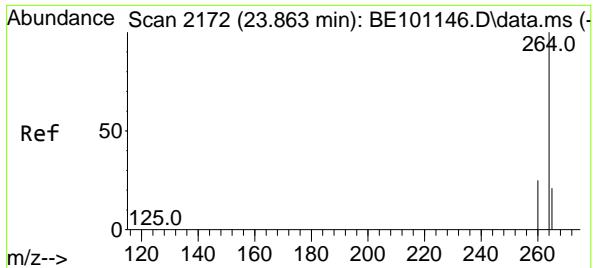


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.09 ng  
 RT: 21.293 min Scan# 1598  
 Delta R.T. -0.013 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

Tgt Ion:149 Resp: 5543

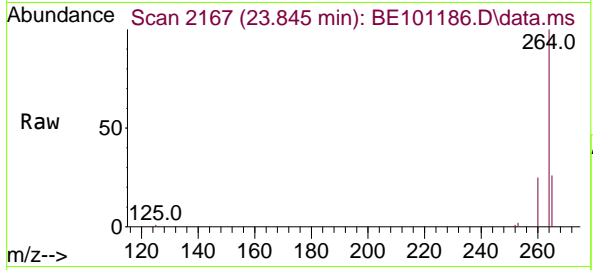
Ion	Ratio	Lower	Upper
149	100		
167	7.9	5.4	8.2
279	1.3	0.9	1.3





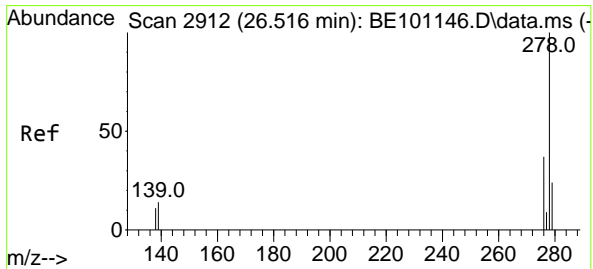
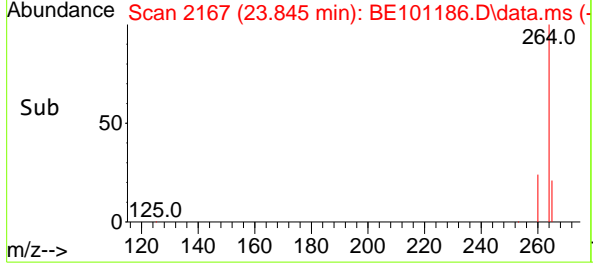
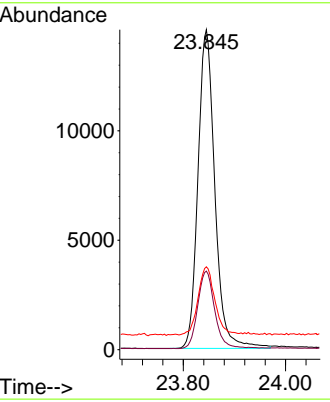
#36  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.845 min Scan# 2167  
 Delta R.T. -0.018 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25

**Instrument :**  
 BNA\_E  
**ClientSampled :**  
 RE115D2-20210325DL

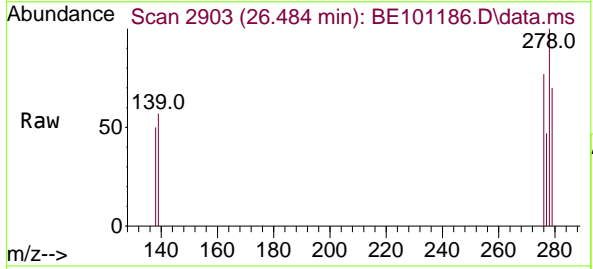


Tgt Ion: 264 Resp: 33372

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.5	30.7
265	25.9	20.6	30.8



#40  
 Dibenzo(a,h)anthracene  
 Concen: 0.11 ng  
 RT: 26.484 min Scan# 2903  
 Delta R.T. -0.032 min  
 Lab File: BE101186.D  
 Acq: 1 Apr 2021 20:25



Tgt Ion: 278 Resp: 388

Ion	Ratio	Lower	Upper
278	100		
139	56.6	12.0	18.0#
279	69.9	20.2	30.4#

