

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040121\
 Data File : BE101178.D
 Acq On : 1 Apr 2021 15:29
 Operator : CG/JU
 Sample : M1843-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP08-20210325

Quant Time: Apr 01 16:13:01 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)

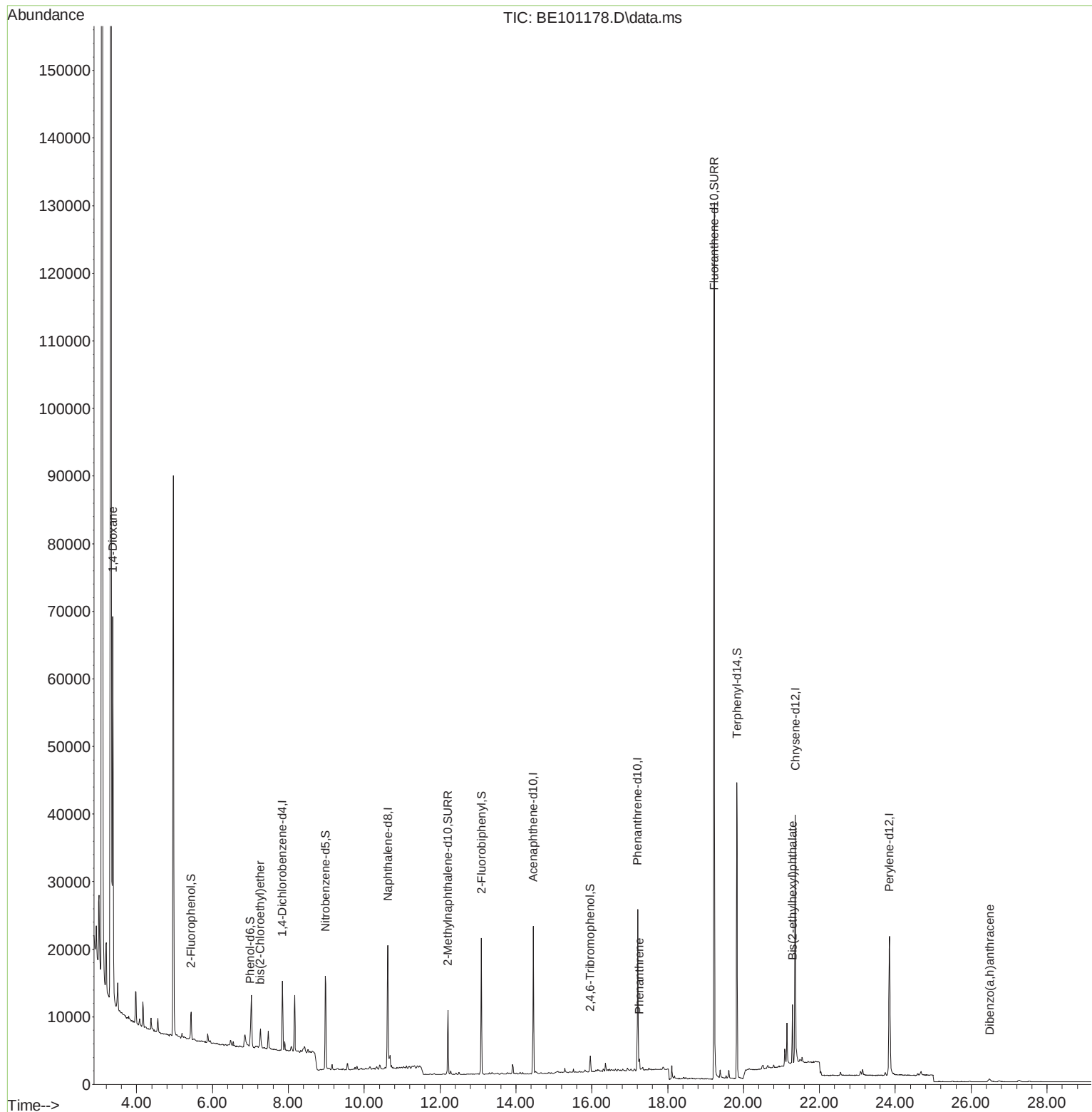
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	4445	0.40	ng	0.00
7) Naphthalene-d8	10.627	136	18904	0.40	ng	# 0.00
13) Acenaphthene-d10	14.457	164	12048	0.40	ng	0.00
19) Phenanthrene-d10	17.211	188	30531	0.40	ng	# 0.00
29) Chrysene-d12	21.366	240	35756	0.40	ng	# 0.00
36) Perylene-d12	23.848	264	32408	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	2038	0.19	ng	0.00
5) Phenol-d6	7.001	99	1830	0.11	ng	0.00
8) Nitrobenzene-d5	8.977	82	5584	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.209	152	12137	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1315	0.61	ng	0.00
15) 2-Fluorobiphenyl	13.088	172	17187	0.38	ng	0.00
27) Fluoranthene-d10	19.227	212	171582	0.44	ng	0.00
31) Terphenyl-d14	19.824	244	39655	0.49	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.373	88	31297	4.34	ng	95
6) bis(2-Chloroethyl)ether	7.266	93	940	0.07	ng	95
25) Phenanthrene	17.257	178	1964	0.02	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.293	149	9815	0.16	ng	100
40) Dibenzo(a,h)anthracene	26.491	278	521	0.11	ng	# 35

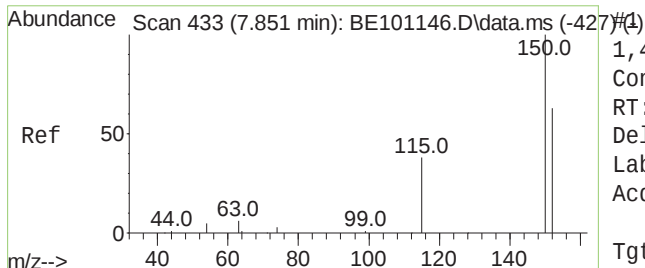
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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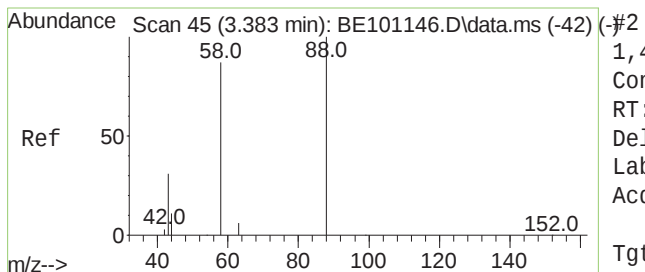
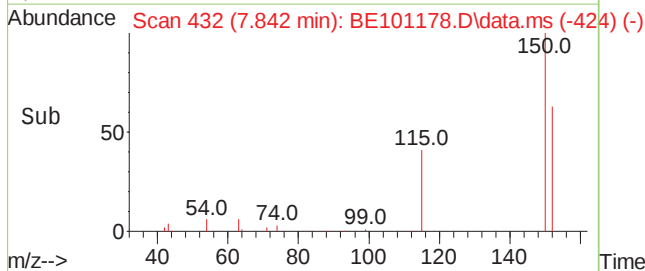
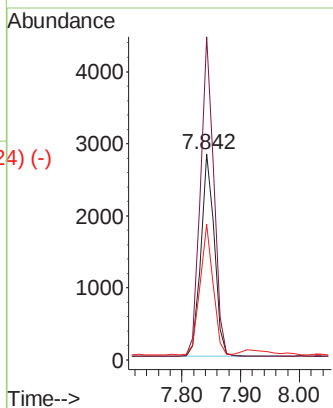
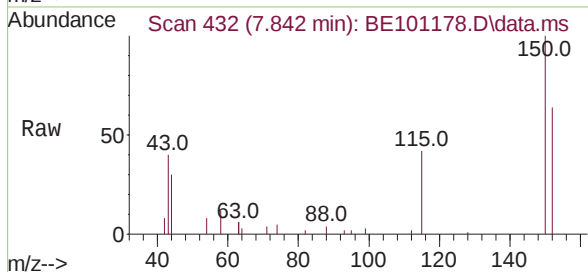




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.842 min Scan# 432
 Delta R.T. -0.008 min
 Lab File: BE101178.D
 Acq: 1 Apr 2021 15:29

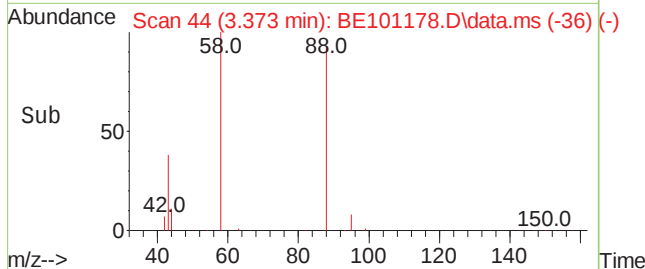
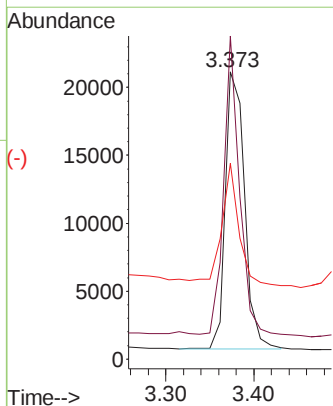
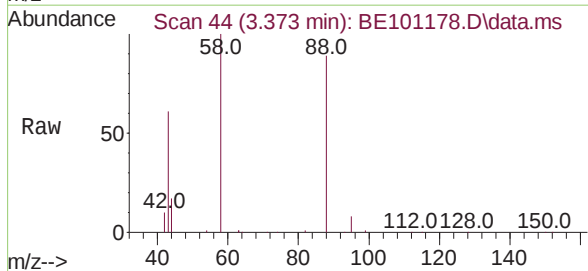
Instrument :
 BNA_E
 ClientSampleId :
 DUP08-20210325

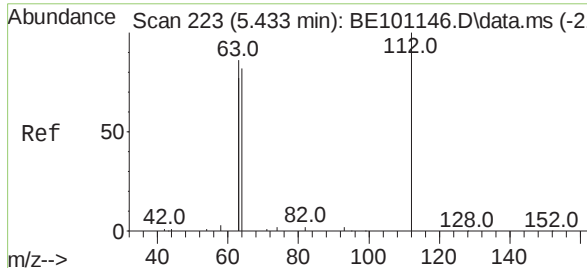
Tgt Ion:	152	Resp:	4445
Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.3	189.5
115	65.8	48.9	73.3



1,4-Dioxane
 Concen: 4.34 ng
 RT: 3.373 min Scan# 44
 Delta R.T. -0.008 min
 Lab File: BE101178.D
 Acq: 1 Apr 2021 15:29

Tgt Ion:	88	Resp:	31297
Ion	Ratio	Lower	Upper
88	100		
58	87.7	68.5	102.7
43	39.9	27.2	40.8

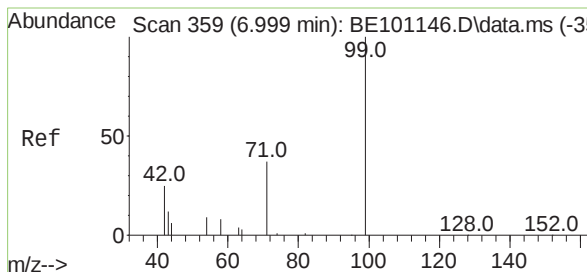
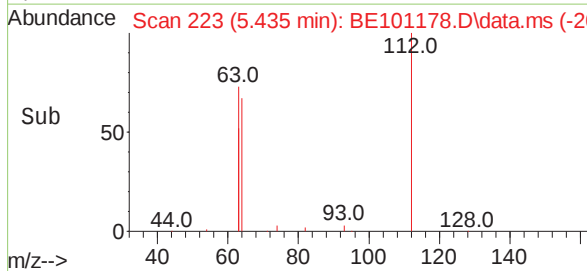
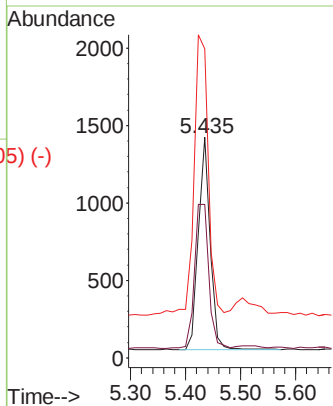
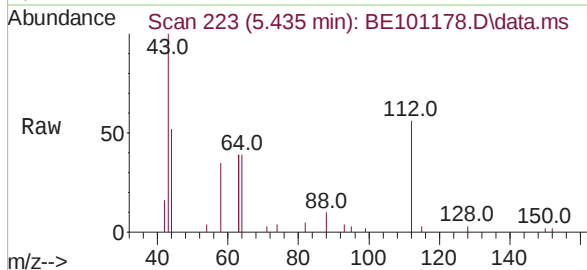




2-Fluorophenol
 Concen: 0.19 ng
 RT: 5.435 min Scan# 223
 Delta R.T. 0.003 min
 Lab File: BE101178.D
 Acq: 1 Apr 2021 15:29

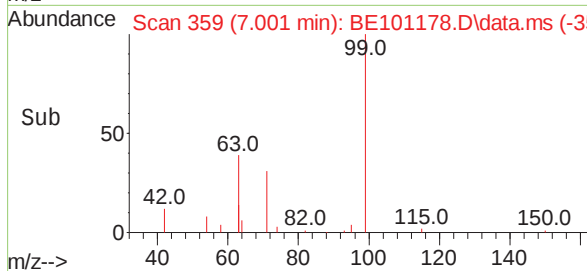
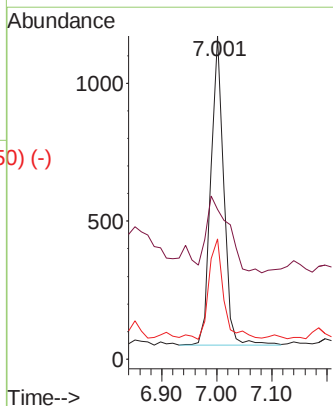
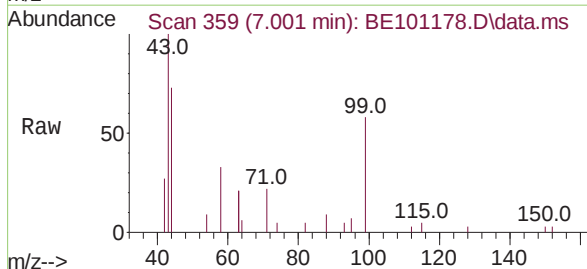
Instrument :
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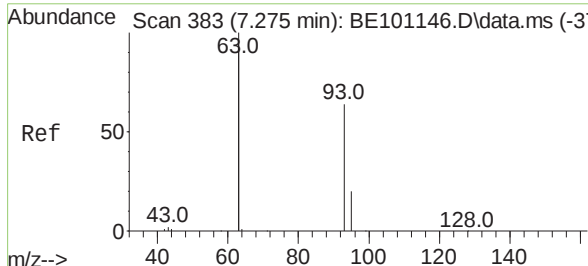
Tgt Ion:	112	Resp:	2038
Ion	Ratio	Lower	Upper
112	100		
64	80.7	60.8	91.2
63	158.5	119.4	179.0



Phenol-d6
 Concen: 0.11 ng
 RT: 7.001 min Scan# 359
 Delta R.T. 0.003 min
 Lab File: BE101178.D
 Acq: 1 Apr 2021 15:29

Tgt Ion:	99	Resp:	1830
Ion	Ratio	Lower	Upper
99	100		
42	42.3	18.8	28.2#
71	35.1	26.3	39.5

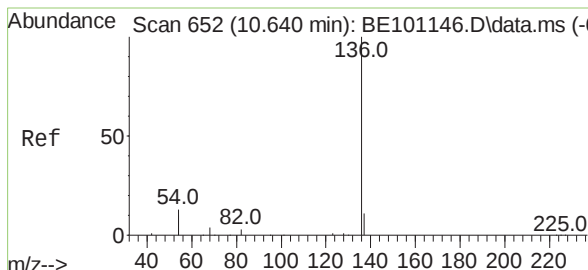
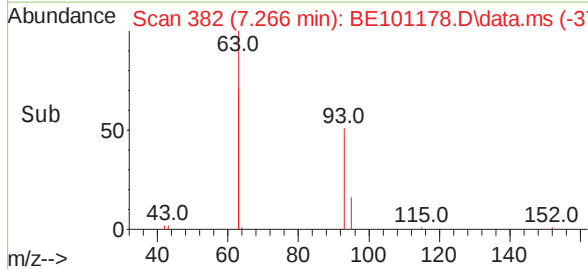
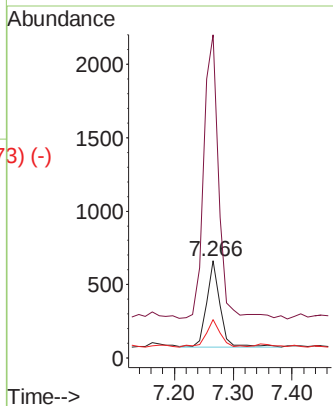
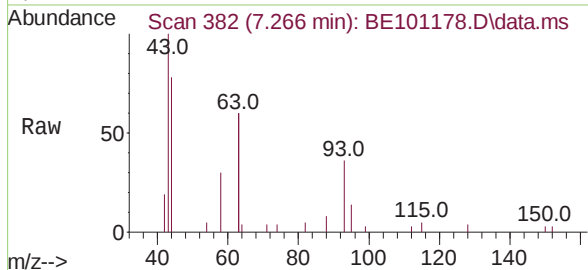




Scan 383 (7.275 min): BE101146.D\data.ms (-379) #6
 bis(2-Chloroethyl)ether
 Concen: 0.07 ng
 RT: 7.266 min Scan# 382
 Delta R.T. 0.003 min
 Lab File: BE101178.D
 Acq: 1 Apr 2021 15:29

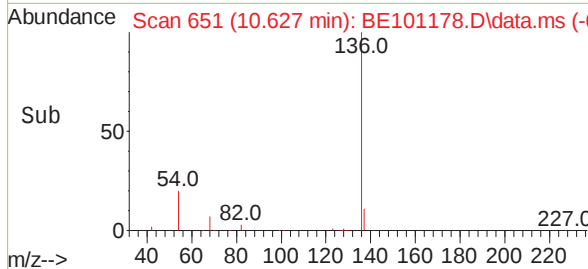
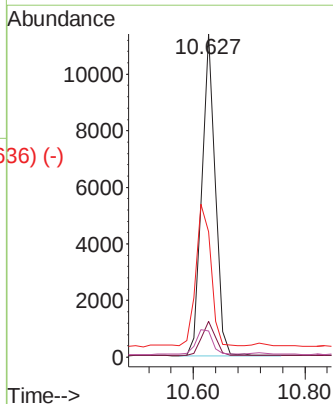
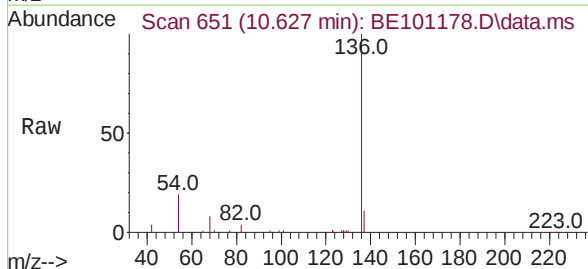
Instrument :
 BNA_E
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 DUP08-20210325

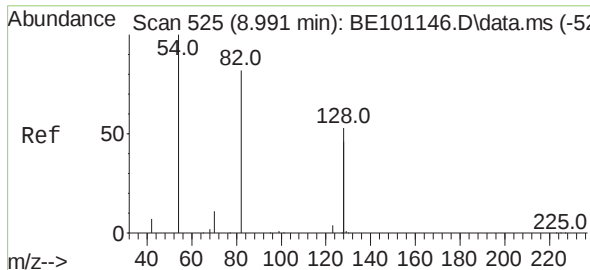
Tgt Ion:	93	Resp:	940
Ion	Ratio	Lower	Upper
93	100		
63	354.0	292.5	438.7
95	35.9	25.8	38.6



Scan 652 (10.640 min): BE101146.D\data.ms (-644) #7
 Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.627 min Scan# 651
 Delta R.T. -0.001 min
 Lab File: BE101178.D
 Acq: 1 Apr 2021 15:29

Tgt Ion:	136	Resp:	18904
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	38.8	20.2	30.4#
68	8.2	4.0	6.0#

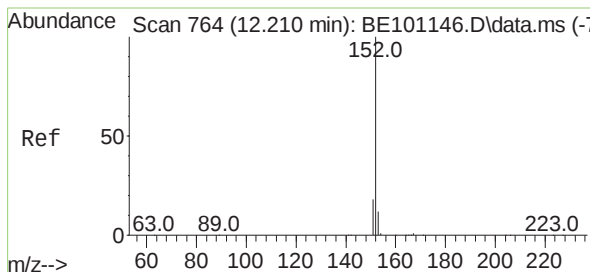
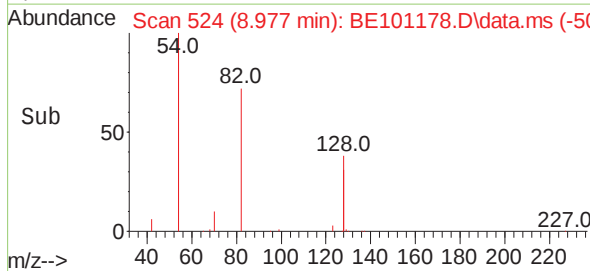
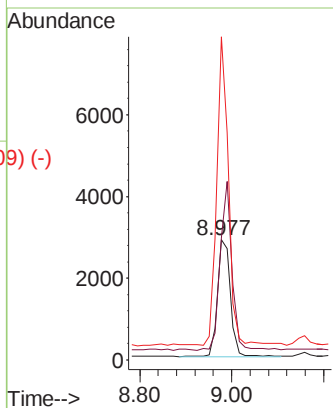
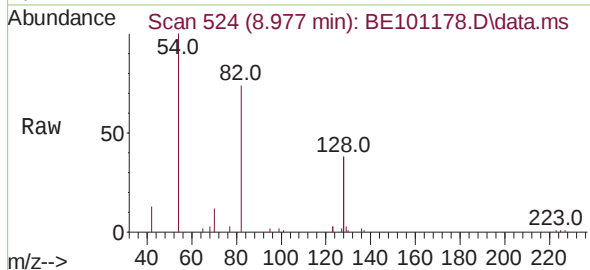




Nitrobenzene-d5
Concen: 0.49 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

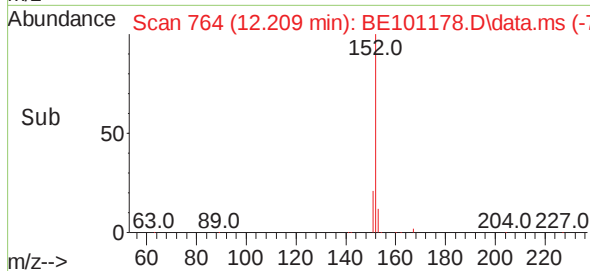
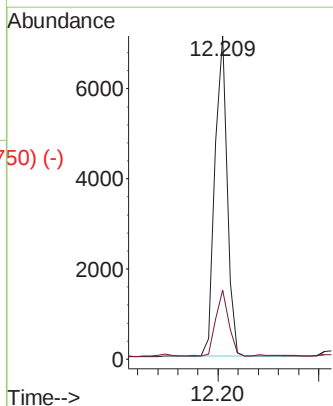
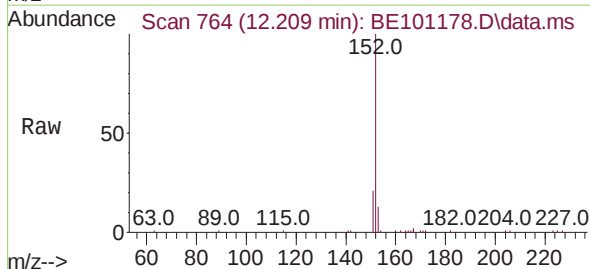
Instrument :
BNA_E
ClientSampleId :
DUP08-20210325

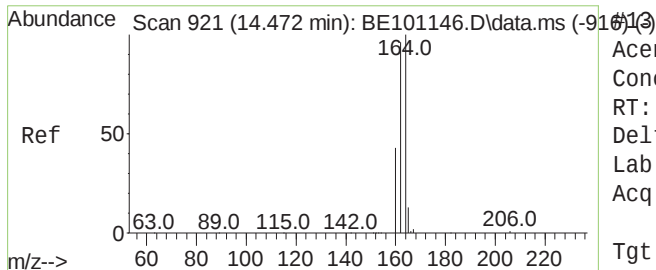
Tgt Ion: 82 Resp: 5584
Ion Ratio Lower Upper
82 100
128 101.7 101.5 152.3
54 269.1 189.8 284.6



2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.209 min Scan# 764
Delta R.T. -0.000 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

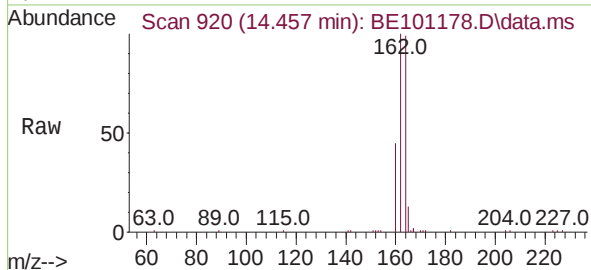
Tgt Ion: 152 Resp: 12137
Ion Ratio Lower Upper
152 100
151 21.6 16.6 24.8



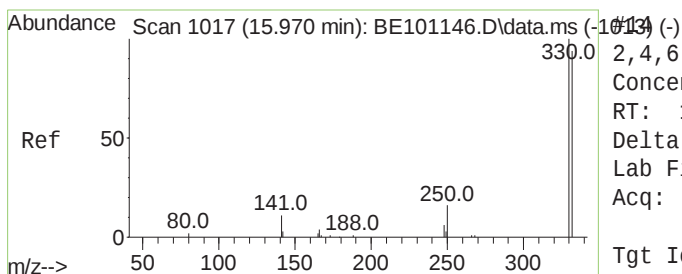
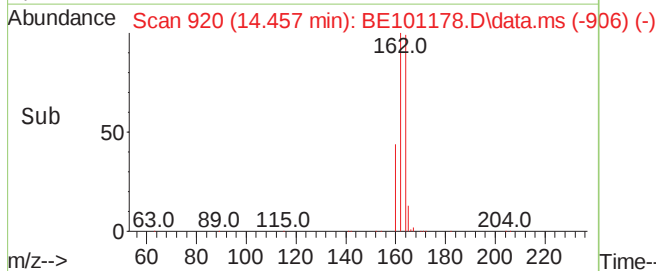
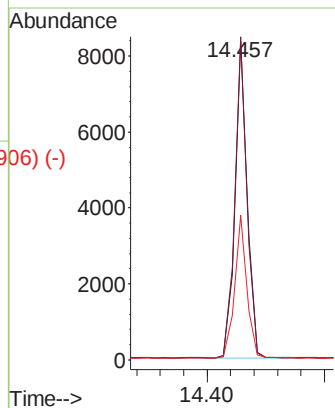


Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.457 min Scan# 920
 Delta R.T. -0.000 min
 Lab File: BE101178.D
 Acq: 1 Apr 2021 15:29

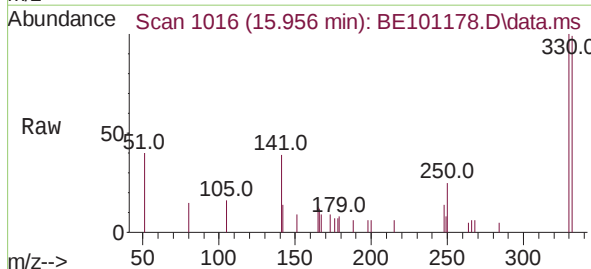
Instrument :
 BNA_E
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 DUP08-20210325



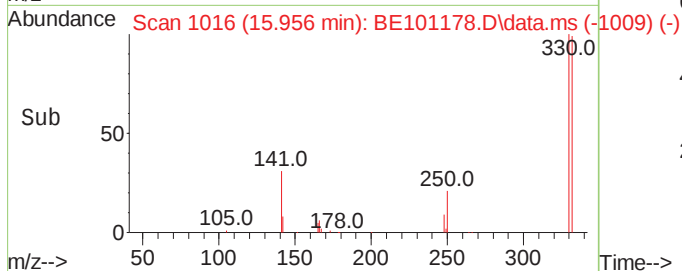
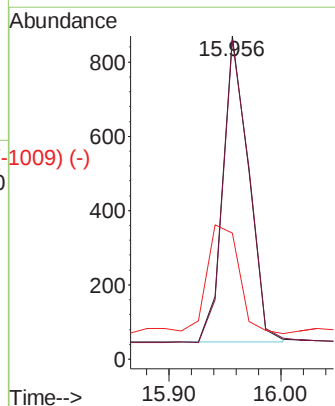
Tgt Ion:	164	Resp:	12048
Ion Ratio	Lower	Upper	
164	100		
162	101.4	76.6	115.0
160	45.4	34.5	51.7

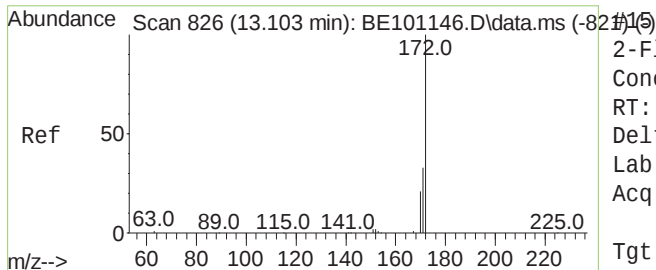


2,4,6-Tribromophenol
 Concen: 0.61 ng
 RT: 15.956 min Scan# 1016
 Delta R.T. -0.001 min
 Lab File: BE101178.D
 Acq: 1 Apr 2021 15:29



Tgt Ion:	330	Resp:	1315
Ion Ratio	Lower	Upper	
330	100		
332	100.6	69.1	103.7
141	44.9	30.6	45.8

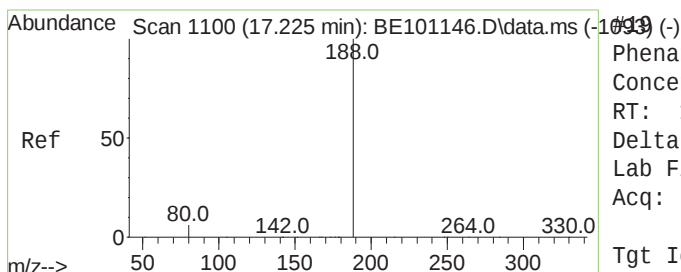
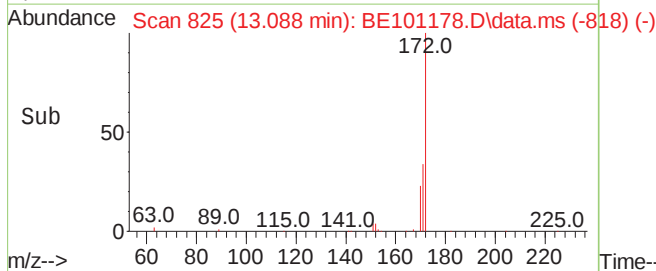
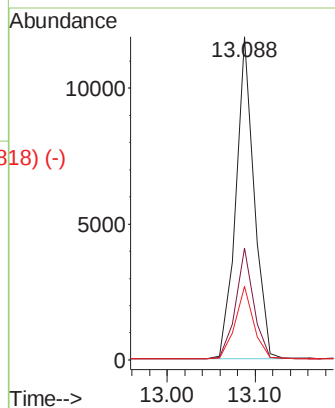
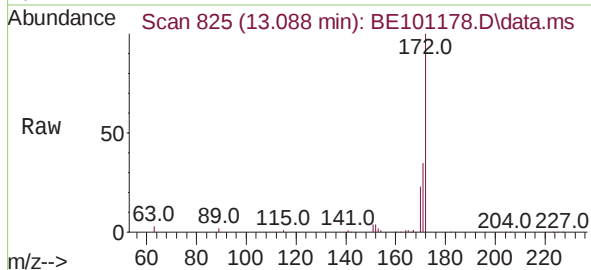




2-Fluorobiphenyl
 Concen: 0.38 ng
 RT: 13.088 min Scan# 825
 Delta R.T. -0.000 min
 Lab File: BE101178.D
 Acq: 1 Apr 2021 15:29

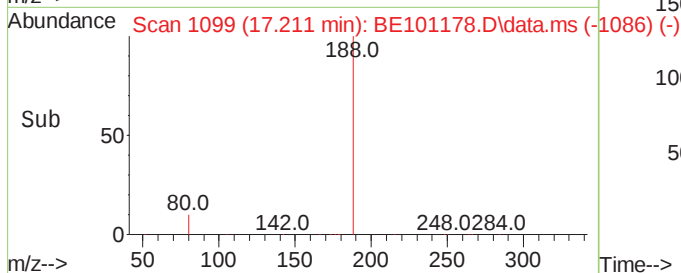
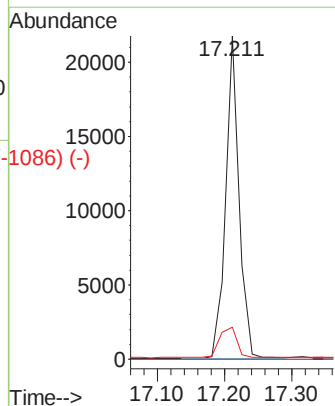
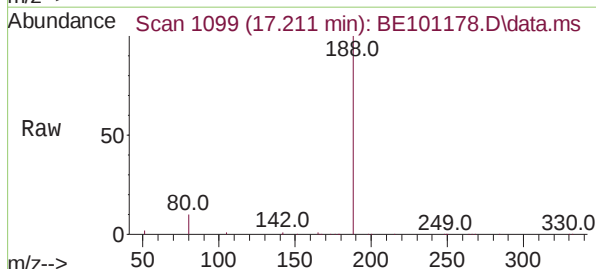
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Tgt Ion:	172	Resp:	17187
Ion Ratio	Lower	Upper	
172	100		
171	34.6	26.4	39.6
170	22.8	17.4	26.0

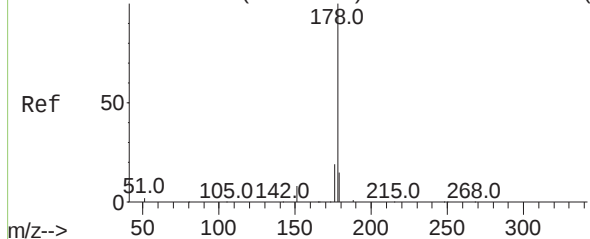


Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.211 min Scan# 1099
 Delta R.T. -0.001 min
 Lab File: BE101178.D
 Acq: 1 Apr 2021 15:29

Tgt Ion:	188	Resp:	30531
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.9	4.8	7.2#



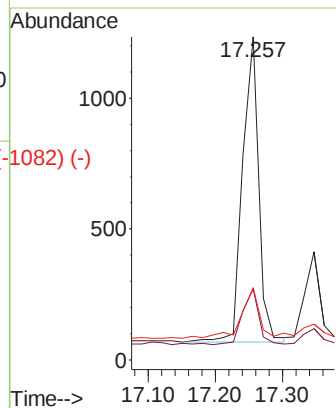
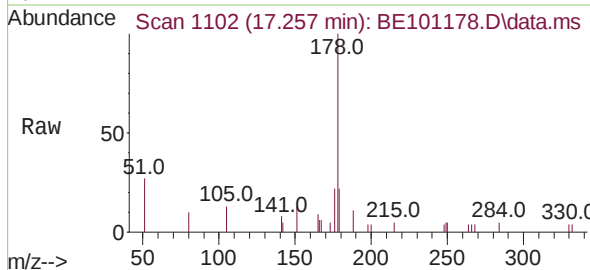
Abundance Scan 1102 (17.256 min): BE101146.D\data.ms (-1025) (-)



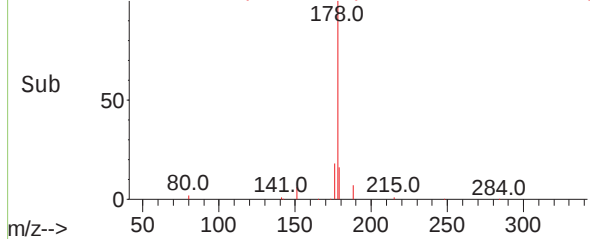
Phenanthrene
Concen: 0.02 ng
RT: 17.257 min Scan# 1102
Delta R.T. -0.001 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

Instrument :
BNA_E
ClientSampleId :
DUP08-20210325

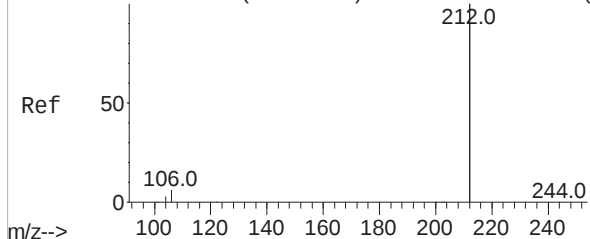
Tgt Ion:	178	Resp:	1964
Ion Ratio	Lower	Upper	
178	100		
176	18.4	14.7	22.1
179	18.7	12.4	18.6#



Abundance Scan 1102 (17.257 min): BE101178.D\data.ms (-1082) (-)

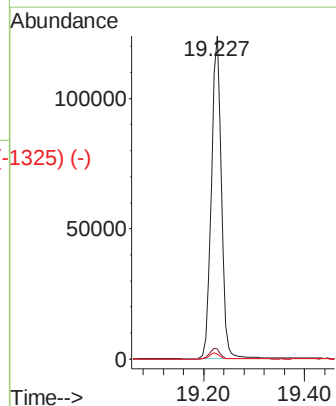
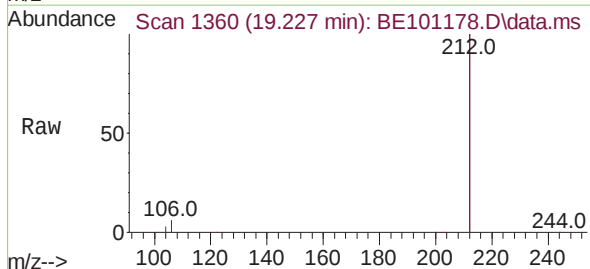


Abundance Scan 1361 (19.232 min): BE101146.D\data.ms (-1325) (-)

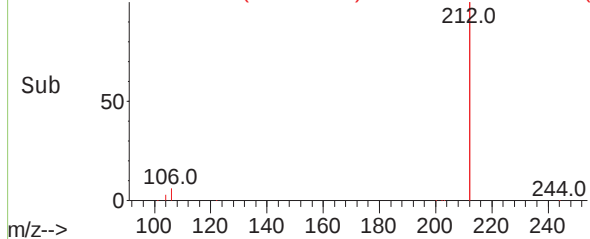


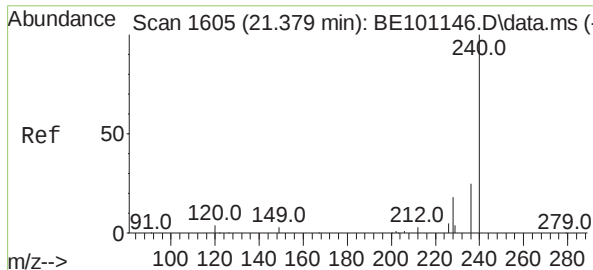
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.227 min Scan# 1360
Delta R.T. 0.001 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

Tgt Ion:	212	Resp:	171582
Ion Ratio	Lower	Upper	
212	100		
106	3.3	2.6	3.8
104	1.9	1.4	2.2



Abundance Scan 1360 (19.227 min): BE101178.D\data.ms (-1325) (-)

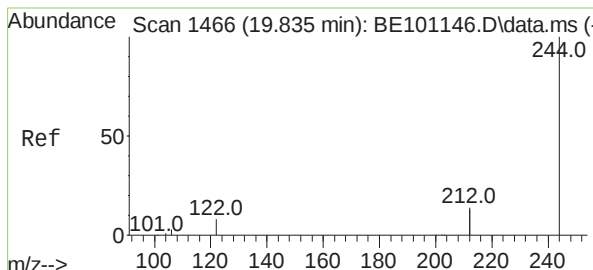
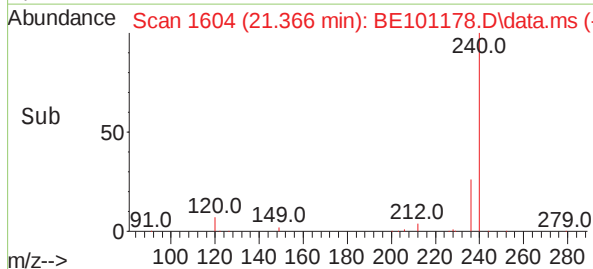
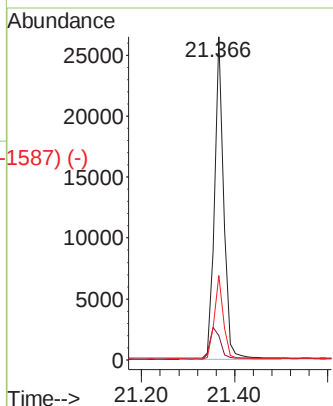
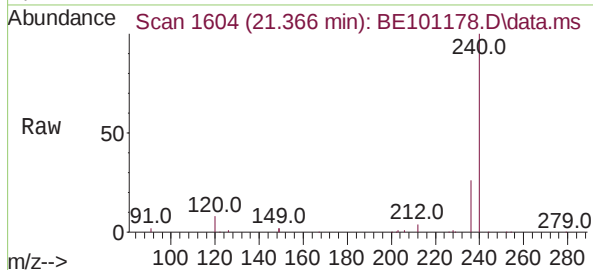




Scan 1605 (21.379 min): BE101146.D\data.ms (-1529) (-)
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.366 min Scan# 1604
 Delta R.T. -0.000 min
 Lab File: BE101178.D
 Acq: 1 Apr 2021 15:29

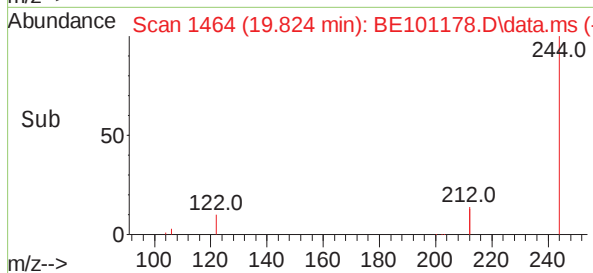
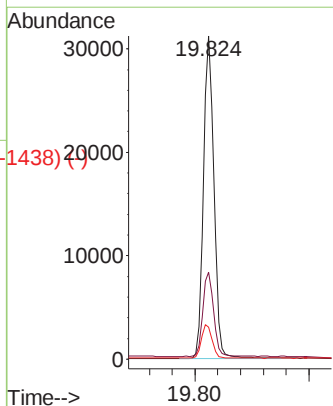
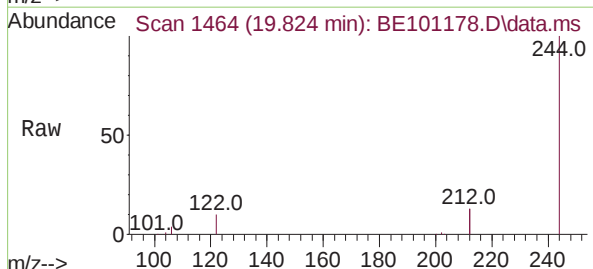
Instrument :
 BNA_E
 ClientSampleId :
 DUP08-20210325

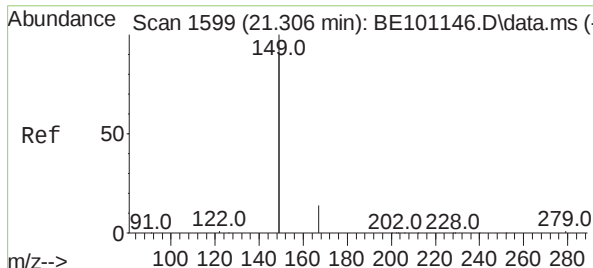
Tgt Ion:	240	Resp:	35756
Ion	Ratio	Lower	Upper
240	100		
120	7.5	4.1	6.1#
236	26.2	20.3	30.5



Scan 1466 (19.835 min): BE101146.D\data.ms (-1438) (-)
 Terphenyl-d14
 Concen: 0.49 ng
 RT: 19.824 min Scan# 1464
 Delta R.T. 0.001 min
 Lab File: BE101178.D
 Acq: 1 Apr 2021 15:29

Tgt Ion:	244	Resp:	39655
Ion	Ratio	Lower	Upper
244	100		
212	27.0	21.7	32.5
122	10.0	6.6	10.0#

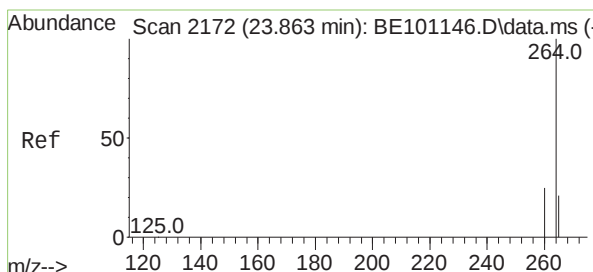
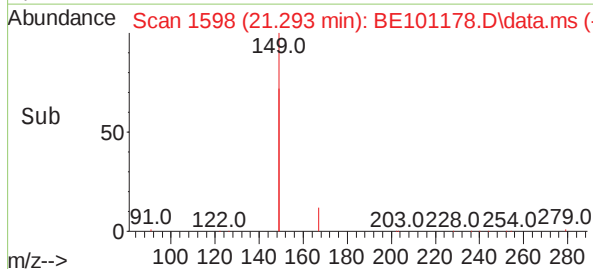
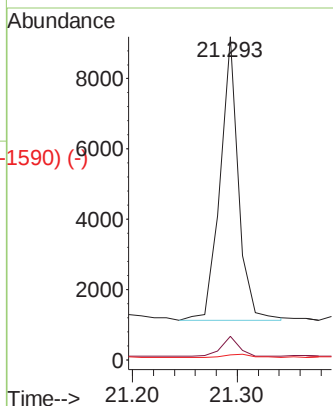
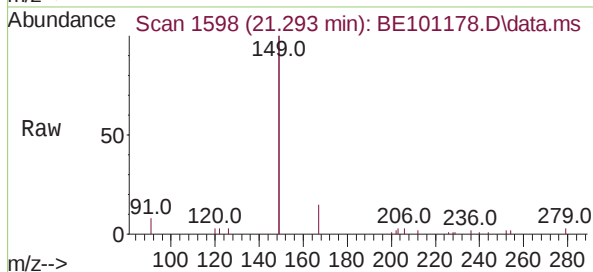




Bis(2-ethylhexyl)phthalate
 Concen: 0.16 ng
 RT: 21.293 min Scan# 1598
 Delta R.T. -0.000 min
 Lab File: BE101178.D
 Acq: 1 Apr 2021 15:29

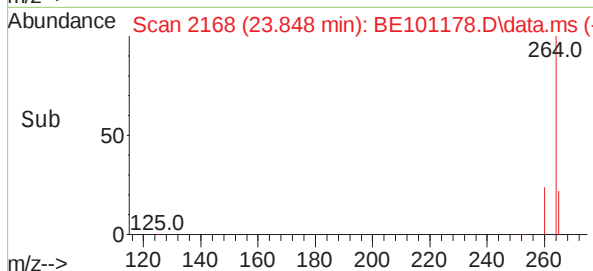
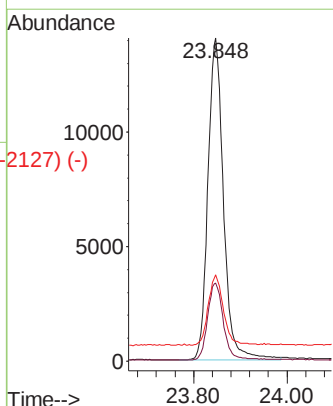
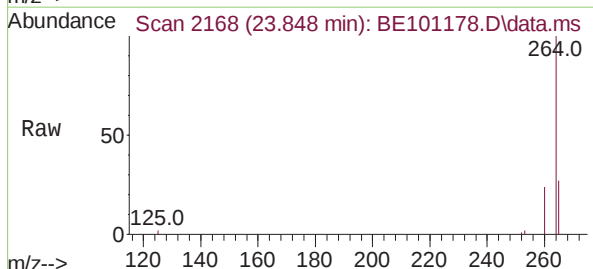
Instrument :
 BNA_E
 ClientSampleId :
 DUP08-20210325

Tgt Ion:	149	Resp:	9815
Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.2
279	1.2	0.9	1.3

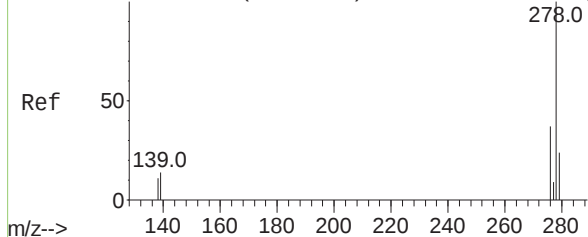


Perylene-d12
 Concen: 0.40 ng
 RT: 23.848 min Scan# 2168
 Delta R.T. -0.004 min
 Lab File: BE101178.D
 Acq: 1 Apr 2021 15:29

Tgt Ion:	264	Resp:	32408
Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.5	30.7
265	26.6	20.6	30.8



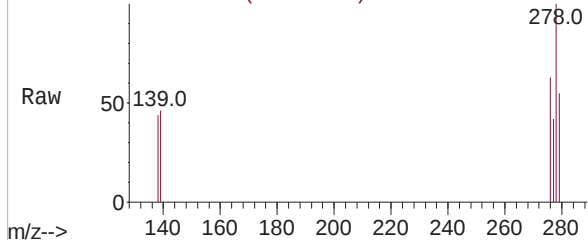
Abundance Scan 2912 (26.516 min): BE101146.D\data.ms (-2885) (-)



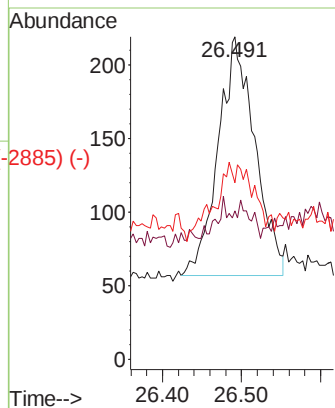
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 26.491 min Scan# 2905
Delta R.T. -0.008 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

Instrument :
BNA_E
ClientSampleId :
DUP08-20210325

Abundance Scan 2905 (26.491 min): BE101178.D\data.ms



Tgt Ion:	278	Resp:	521
Ion	Ratio	Lower	Upper
278	100		
139	46.1	12.0	18.0#
279	54.8	20.2	30.4#



Abundance Scan 2905 (26.491 min): BE101178.D\data.ms (-2885) (-)

