

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040121\
 Data File : BE101180.D
 Acq On : 1 Apr 2021 16:44
 Operator : CG/JU
 Sample : M1843-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB01-20210325

Quant Time: Apr 01 17:28:27 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)

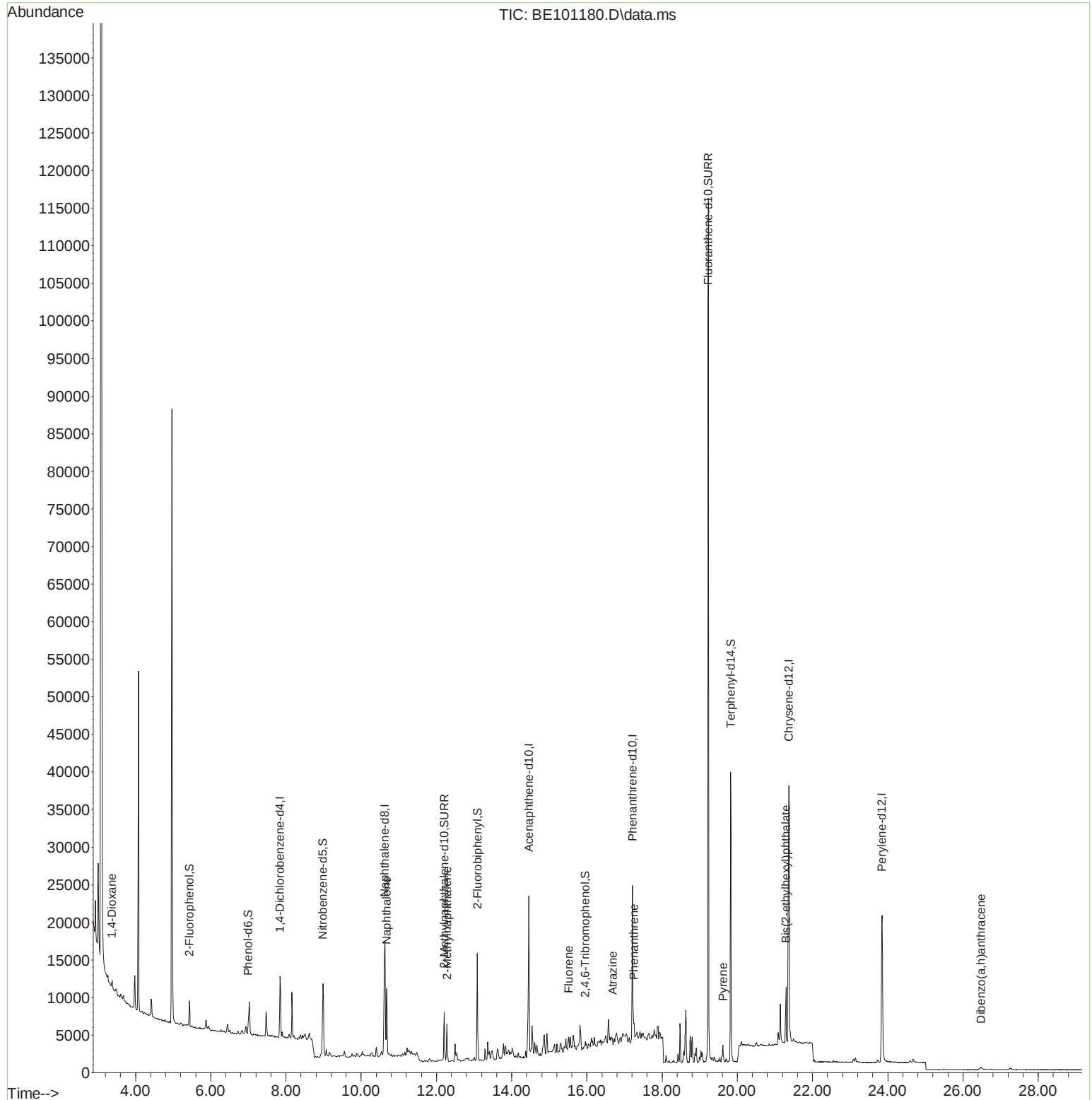
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	3798	0.40	ng	-0.01
7) Naphthalene-d8	10.628	136	16064	0.40	ng	# 0.00
13) Acenaphthene-d10	14.457	164	10770	0.40	ng	0.00
19) Phenanthrene-d10	17.212	188	26845	0.40	ng	# 0.00
29) Chrysene-d12	21.366	240	34712	0.40	ng	# 0.00
36) Perylene-d12	23.845	264	30613	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.431	112	1639	0.18	ng	0.00
5) Phenol-d6	6.997	99	1365	0.10	ng	0.00
8) Nitrobenzene-d5	8.978	82	3791	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.210	152	8480	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	228	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.088	172	12078	0.30	ng	0.00
27) Fluoranthene-d10	19.226	212	149509	0.44	ng	0.00
31) Terphenyl-d14	19.823	244	34649	0.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	316	0.05	ng	# 1
9) Naphthalene	10.680	128	14903	0.09	ng	# 99
12) 2-Methylnaphthalene	12.282	142	3635	0.13	ng	99
18) Fluorene	15.519	166	1199	0.03	ng	# 68
23) Atrazine	16.683	200	366	0.05	ng	# 58
25) Phenanthrene	17.258	178	2848	0.04	ng	# 92
30) Pyrene	19.617	202	2156	0.02	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.293	149	8188	0.14	ng	98
40) Dibenzo(a,h)anthracene	26.484	278	401	0.11	ng	# 18

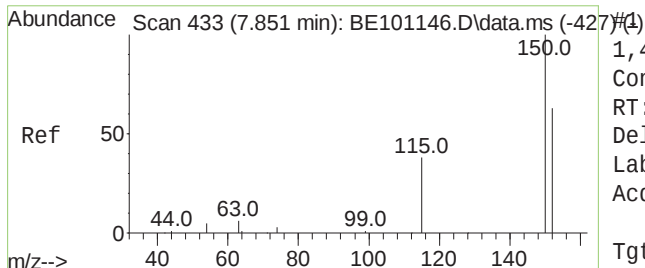
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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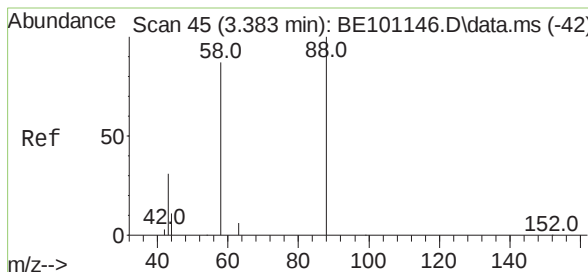
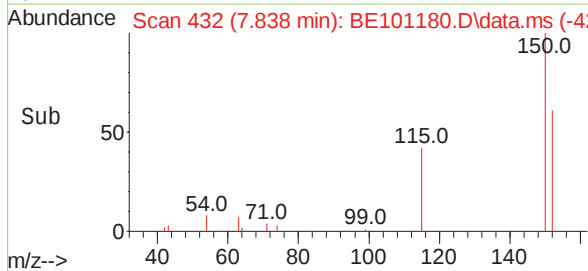
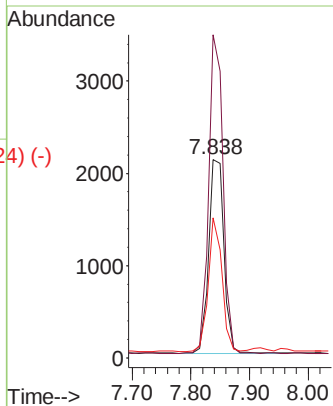
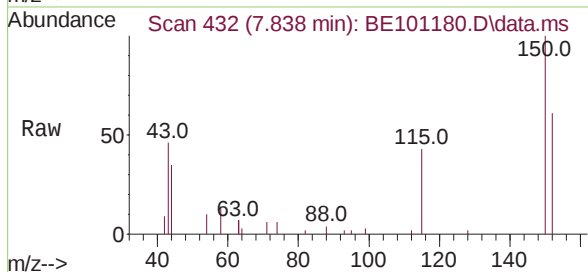




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.838 min Scan# 432
 Delta R.T. -0.012 min
 Lab File: BE101180.D
 Acq: 1 Apr 2021 16:44

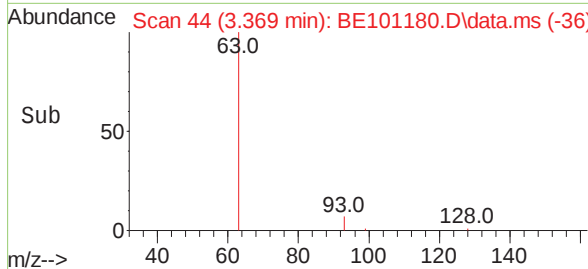
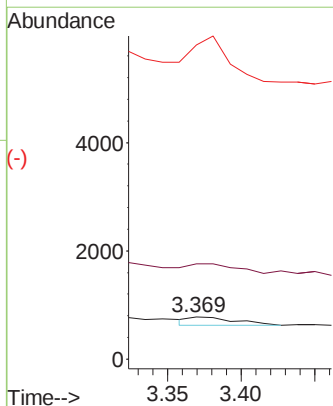
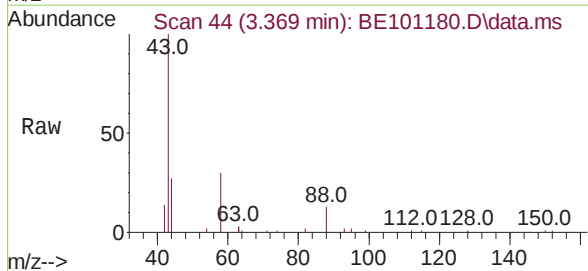
Instrument :
 BNA_E
 ClientSampleId :
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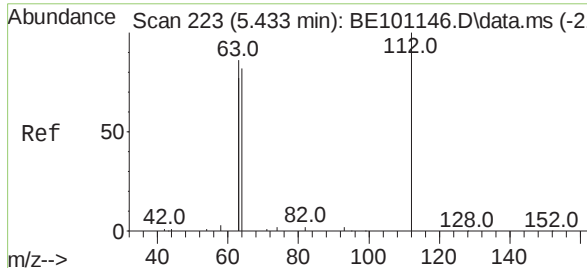
Tgt Ion:152 Resp: 3798
 Ion Ratio Lower Upper
 152 100
 150 162.7 126.3 189.5
 115 70.6 48.9 73.3



1,4-Dioxane
 Concen: 0.05 ng
 RT: 3.369 min Scan# 44
 Delta R.T. -0.012 min
 Lab File: BE101180.D
 Acq: 1 Apr 2021 16:44

Tgt Ion: 88 Resp: 316
 Ion Ratio Lower Upper
 88 100
 58 116.8 68.5 102.7#
 43 446.2 27.2 40.8#

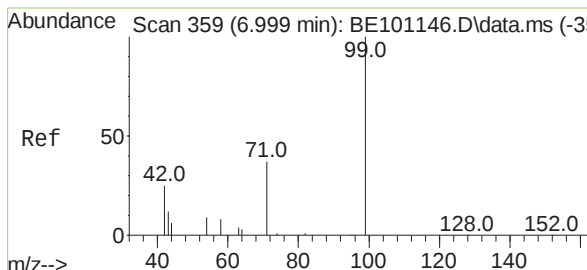
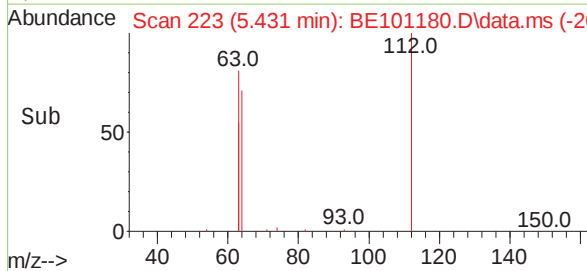
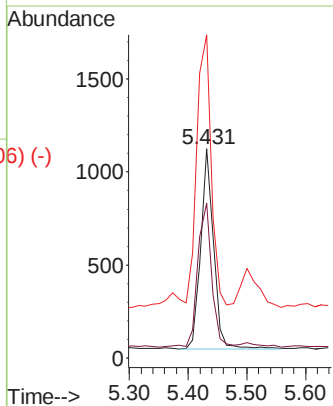
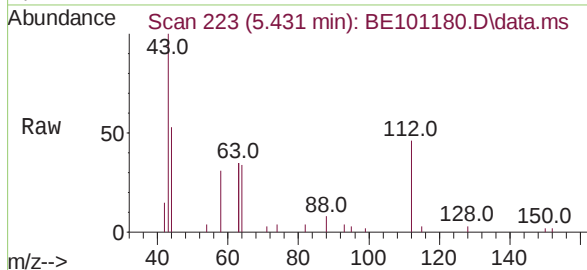




2-Fluorophenol
 Concen: 0.18 ng
 RT: 5.431 min Scan# 223
 Delta R.T. -0.000 min
 Lab File: BE101180.D
 Acq: 1 Apr 2021 16:44

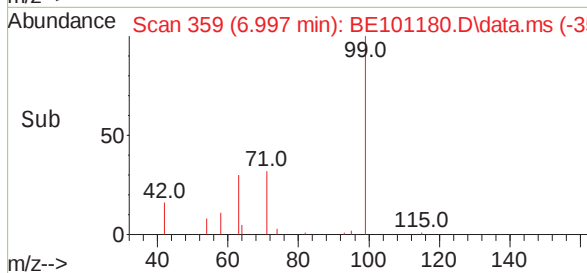
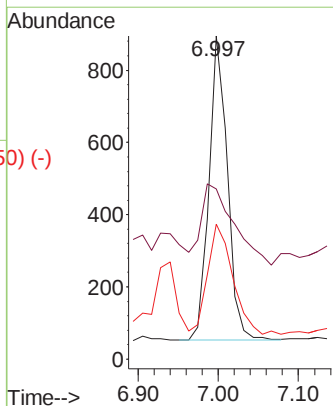
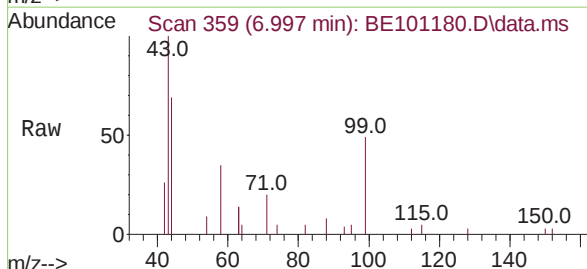
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 ClientSampleId :
 FB01-20210325

Tgt Ion:	112	Resp:	1639
Ion	Ratio	Lower	Upper
112	100		
64	76.8	60.8	91.2
63	162.4	119.4	179.0

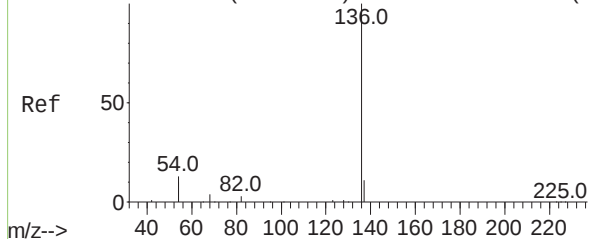


Phenol-d6
 Concen: 0.10 ng
 RT: 6.997 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: BE101180.D
 Acq: 1 Apr 2021 16:44

Tgt Ion:	99	Resp:	1365
Ion	Ratio	Lower	Upper
99	100		
42	46.0	18.8	28.2#
71	49.0	26.3	39.5#



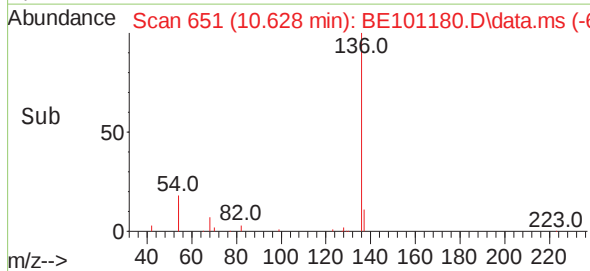
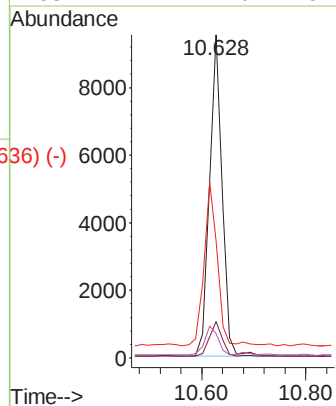
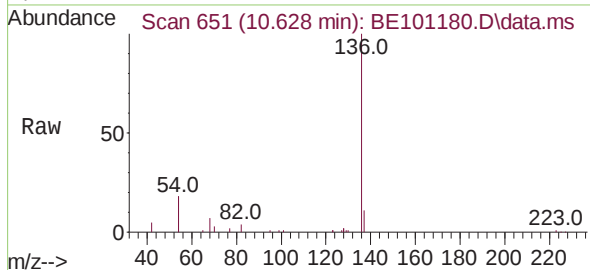
Abundance Scan 652 (10.640 min): BE101146.D\data.ms (-6447-)



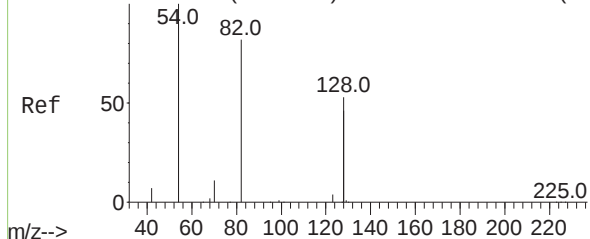
Naphthalene-d8
Concen: 0.40 ng
RT: 10.628 min Scan# 651
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Instrument :
BNA_E
ClientSampleId :
FB01-20210325

Tgt Ion:	136	Resp:	16064
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	36.2	20.2	30.4#
68	7.4	4.0	6.0#

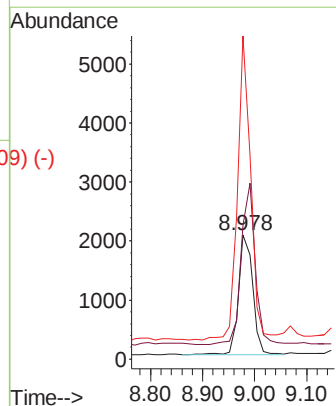
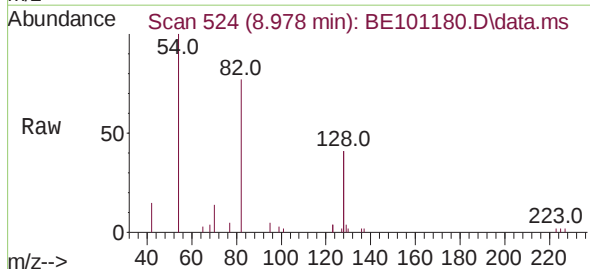


Abundance Scan 525 (8.991 min): BE101146.D\data.ms (-52278)

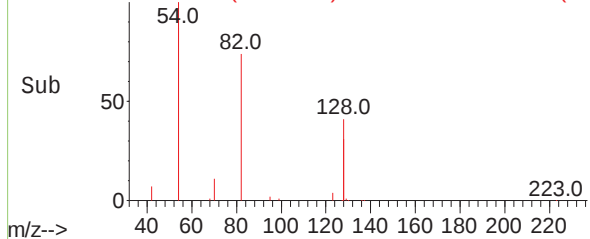


Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

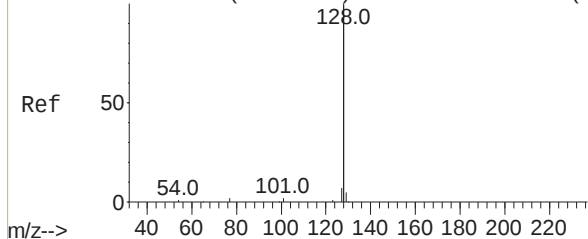
Tgt Ion:	82	Resp:	3791
Ion	Ratio	Lower	Upper
82	100		
128	107.5	101.5	152.3
54	259.8	189.8	284.6



Abundance Scan 524 (8.978 min): BE101180.D\data.ms (-509) (-)



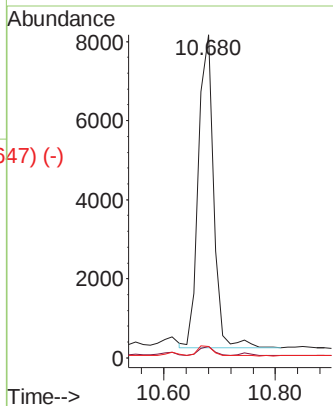
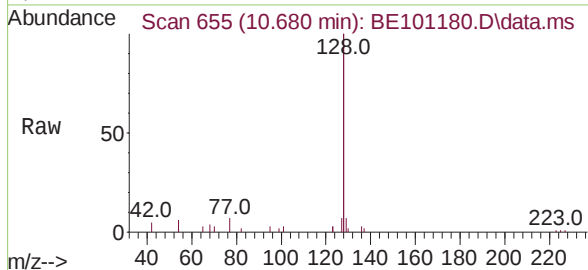
Abundance Scan 655 (10.679 min): BE101146.D\data.ms (-650) (-)



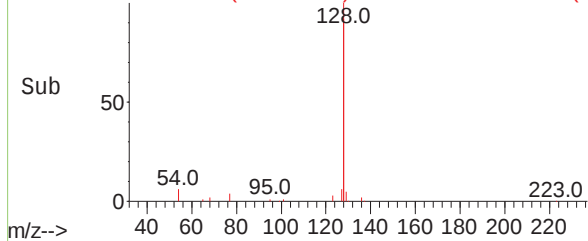
Naphthalene
Concen: 0.09 ng
RT: 10.680 min Scan# 655
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Instrument :
BNA_E
ClientSampleId :
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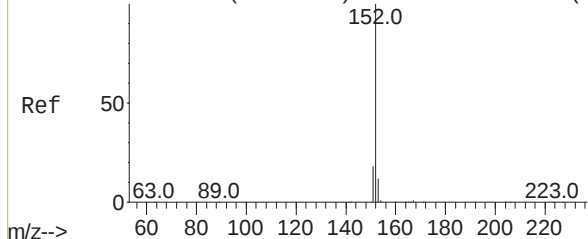
Tgt Ion:	128	Resp:	14903
Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.2	3.2#
127	3.5	2.7	4.1



Abundance Scan 655 (10.680 min): BE101180.D\data.ms (-647) (-)

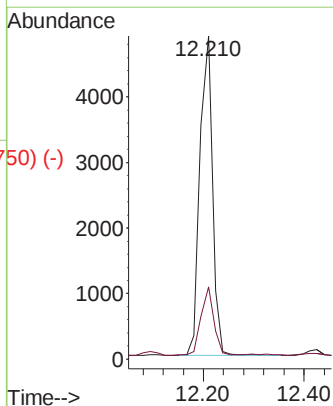
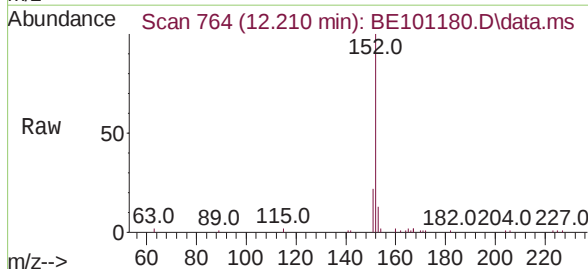


Abundance Scan 764 (12.210 min): BE101146.D\data.ms (-757) (-)

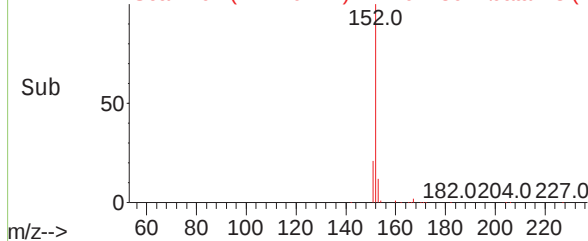


2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.210 min Scan# 764
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

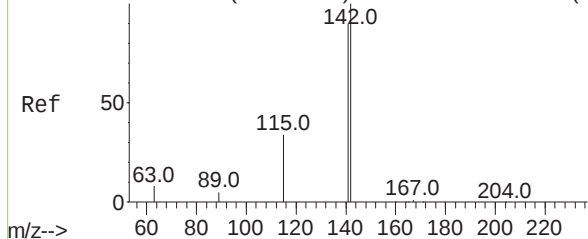
Tgt Ion:	152	Resp:	8480
Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.6	24.8



Abundance Scan 764 (12.210 min): BE101180.D\data.ms (-750) (-)



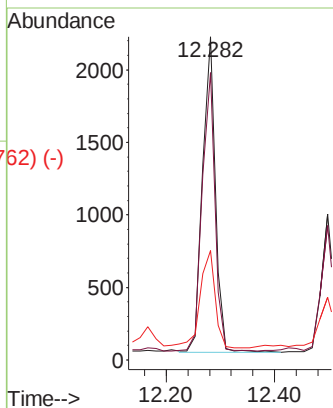
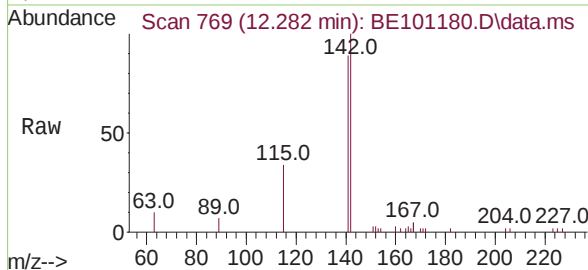
Abundance Scan 769 (12.282 min): BE101146.D\data.ms (-766) (-)



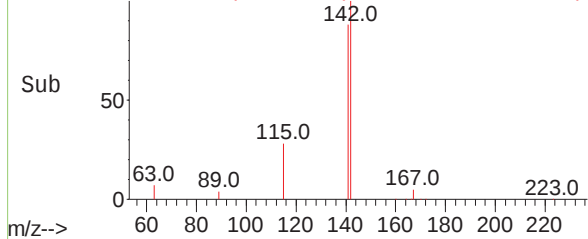
2-Methylnaphthalene
Concen: 0.13 ng
RT: 12.282 min Scan# 769
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Instrument :
BNA_E
ClientSampleId :
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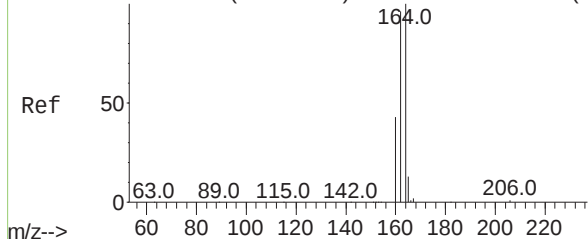
Tgt Ion:	142	Resp:	3635
Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.8	107.6
115	33.8	27.8	41.6



Abundance Scan 769 (12.282 min): BE101180.D\data.ms (-762) (-)

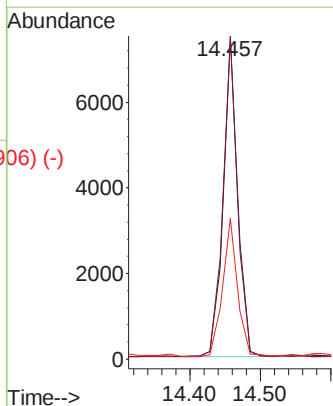
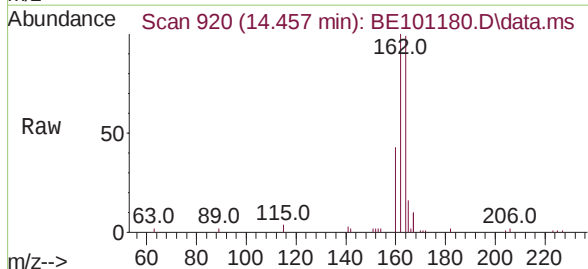


Abundance Scan 921 (14.472 min): BE101146.D\data.ms (-916) (-)

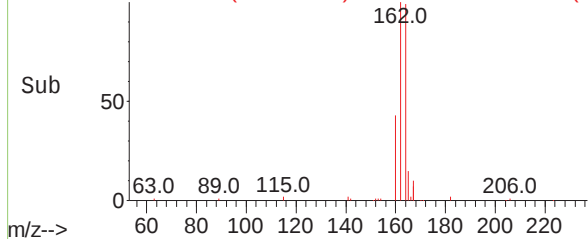


Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Tgt Ion:	164	Resp:	10770
Ion	Ratio	Lower	Upper
164	100		
162	100.5	76.6	115.0
160	43.7	34.5	51.7



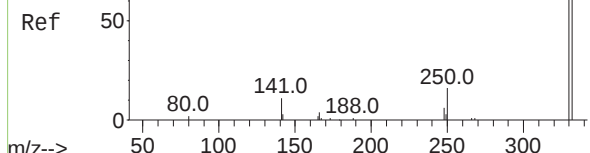
Abundance Scan 920 (14.457 min): BE101180.D\data.ms (-906) (-)



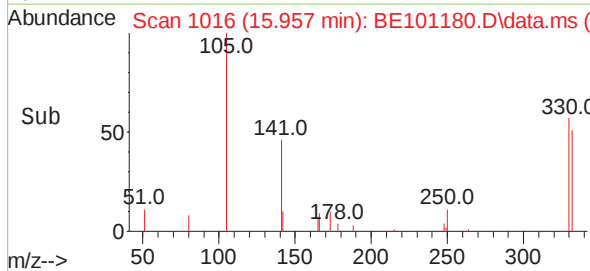
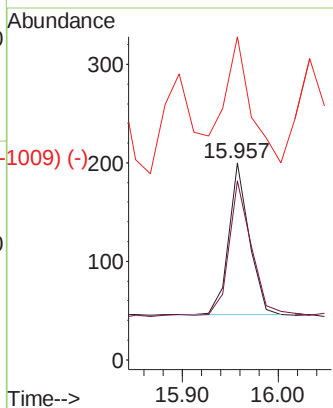
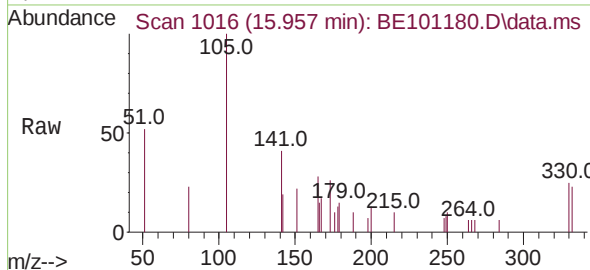
Abundance Scan 1017 (15.970 min): BE101146.D\data.ms (-1013) (-)

2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.957 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

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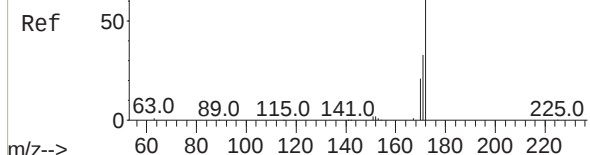


Tgt Ion:	330	Resp:	228
Ion Ratio	Lower	Upper	
330	100		
332	97.4	69.1	103.7
141	100.9	30.6	45.8#

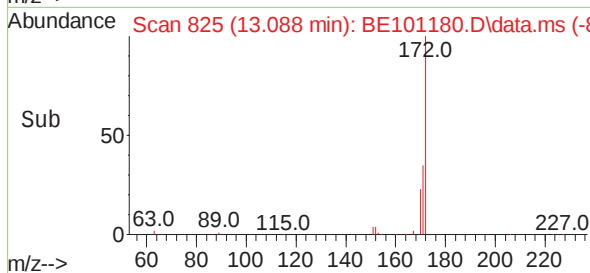
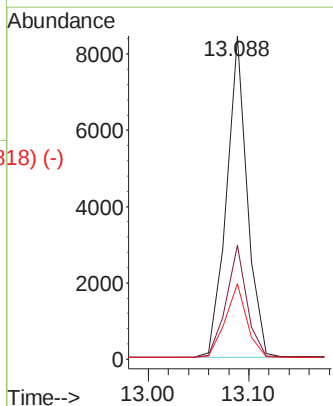
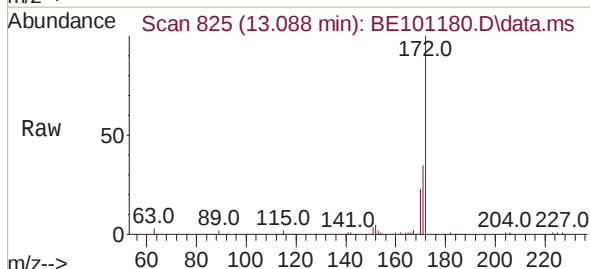


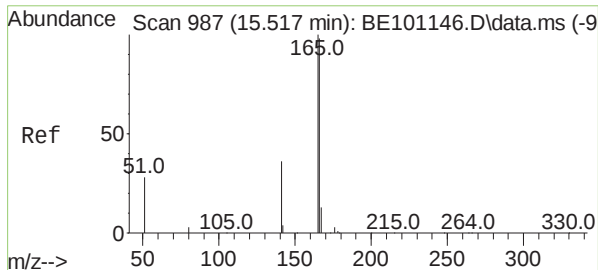
Abundance Scan 826 (13.103 min): BE101146.D\data.ms (-821) (-)

2-Fluorobiphenyl
Concen: 0.30 ng
RT: 13.088 min Scan# 825
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44



Tgt Ion:	172	Resp:	12078
Ion Ratio	Lower	Upper	
172	100		
171	35.2	26.4	39.6
170	23.4	17.4	26.0

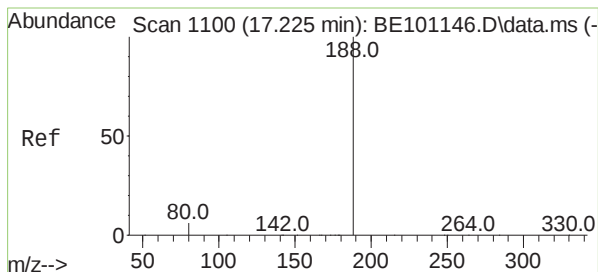
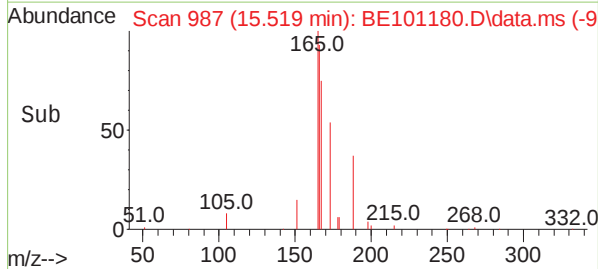
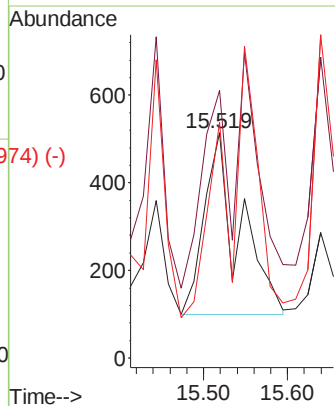
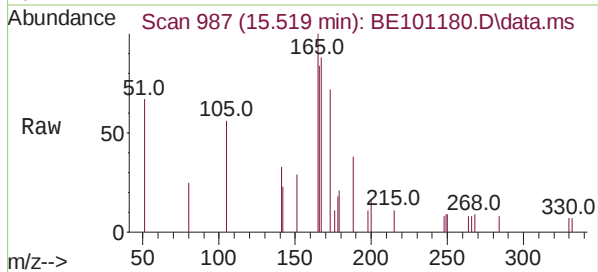




Fluorene
Concen: 0.03 ng
RT: 15.519 min Scan# 987
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

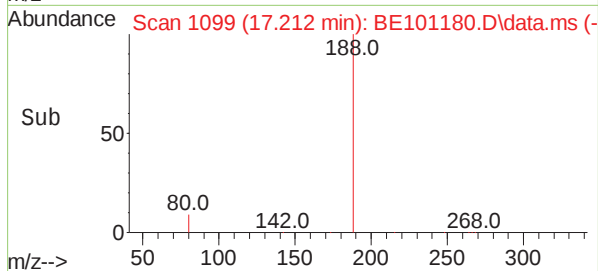
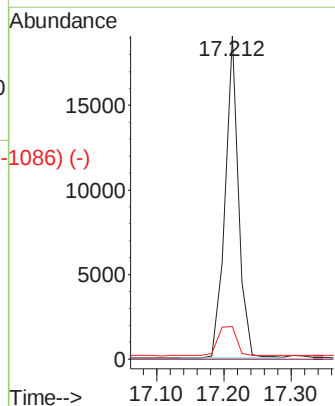
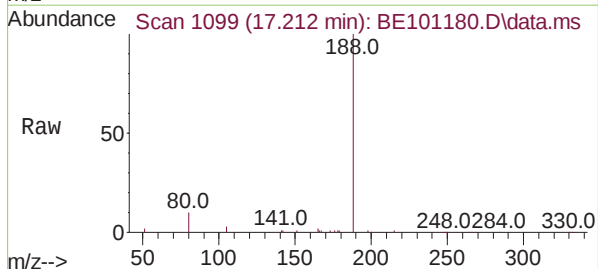
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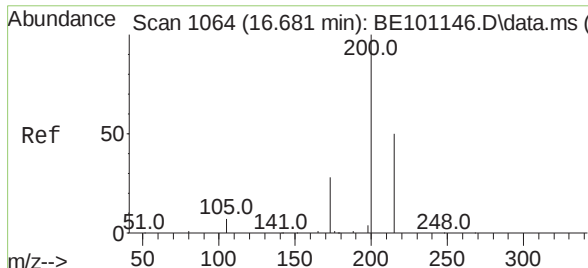
Tgt Ion:	166	Resp:	1199
Ion Ratio	Lower	Upper	
166	100		
165	78.2	78.9	118.3#
167	60.6	10.7	16.1#



Phenanthrene-d10
Concen: 0.40 ng
RT: 17.212 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Tgt Ion:	188	Resp:	26845
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.0	4.8	7.2#

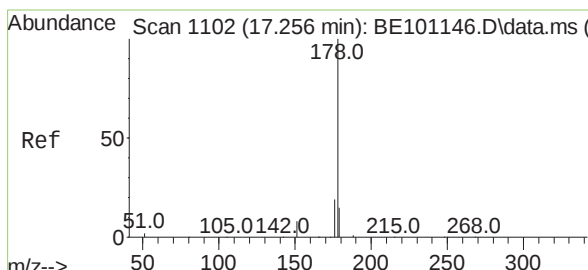
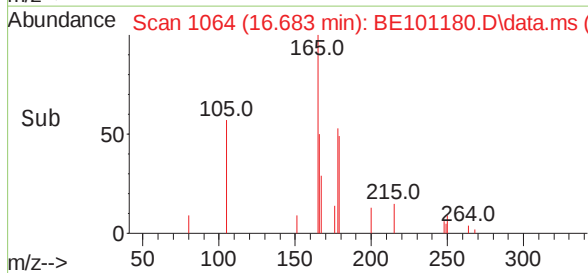
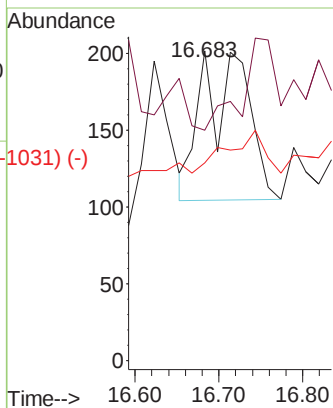
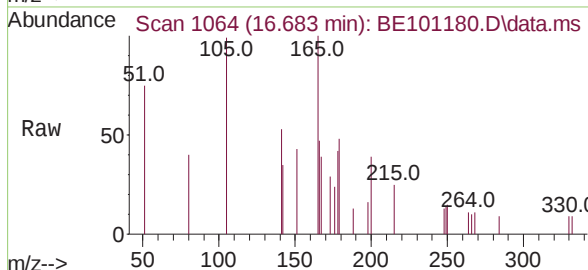




Scan 1064 (16.681 min): BE101146.D\data.ms (-1039) (-)
 Atrazine
 Concen: 0.05 ng
 RT: 16.683 min Scan# 1064
 Delta R.T. 0.000 min
 Lab File: BE101180.D
 Acq: 1 Apr 2021 16:44

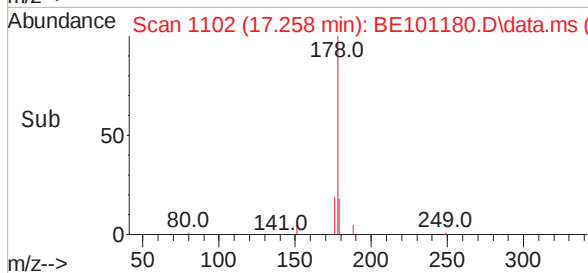
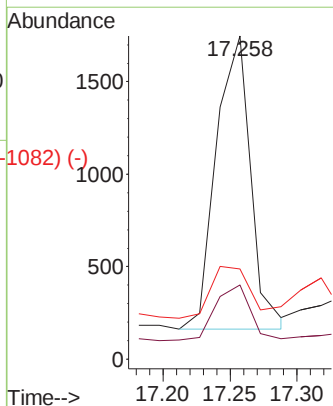
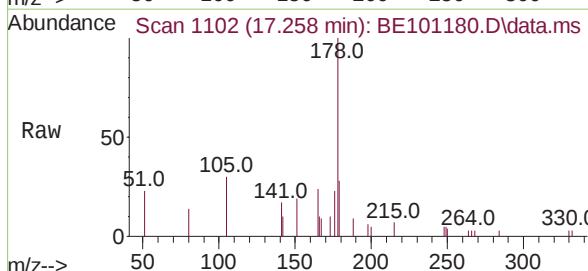
Instrument :
 BNA_E
 ClientSampleId :
 FB01-20210325

Tgt Ion:	200	Resp:	366
Ion Ratio	Lower	Upper	
200	100		
173	74.3	23.9	35.9#
215	63.9	40.6	61.0#

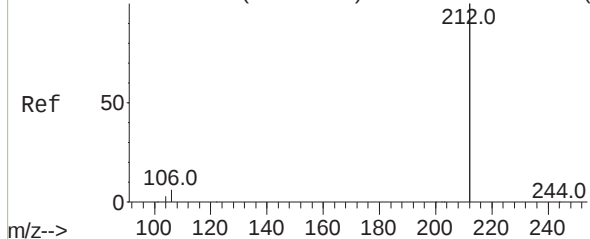


Scan 1102 (17.256 min): BE101146.D\data.ms (-1025) (-)
 Phenanthrene
 Concen: 0.04 ng
 RT: 17.258 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BE101180.D
 Acq: 1 Apr 2021 16:44

Tgt Ion:	178	Resp:	2848
Ion Ratio	Lower	Upper	
178	100		
176	19.2	14.7	22.1
179	21.5	12.4	18.6#



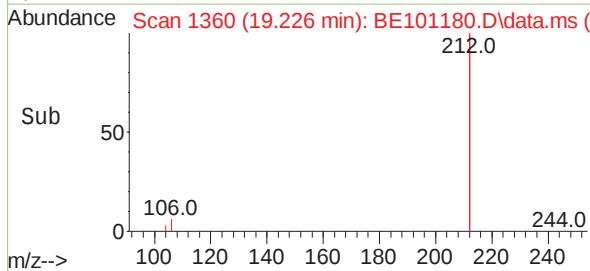
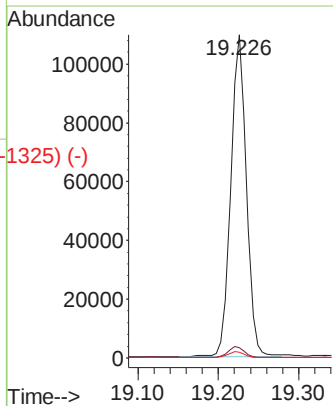
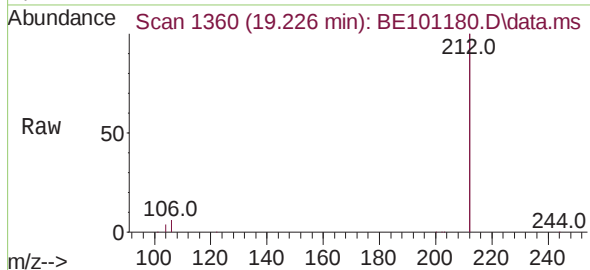
Abundance Scan 1361 (19.232 min): BE101146.D\data.ms (-1325) (-)



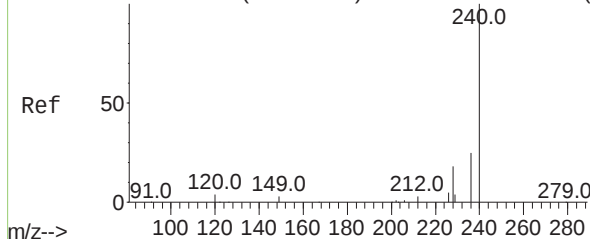
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.226 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Instrument :
BNA_E
ClientSampleId :
FB01-20210325

Tgt Ion:	212	Resp:	149509
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	2.0	1.4	2.2

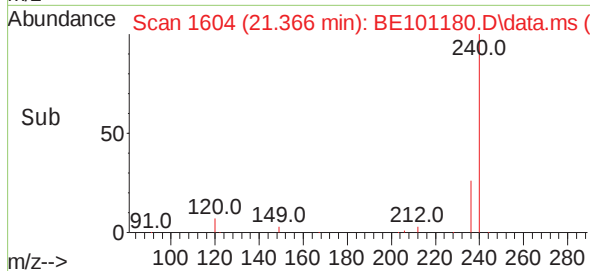
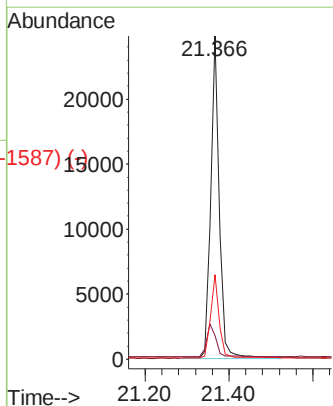
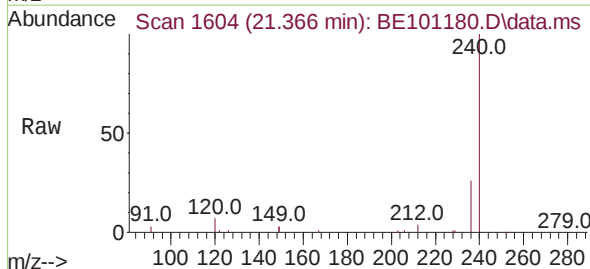


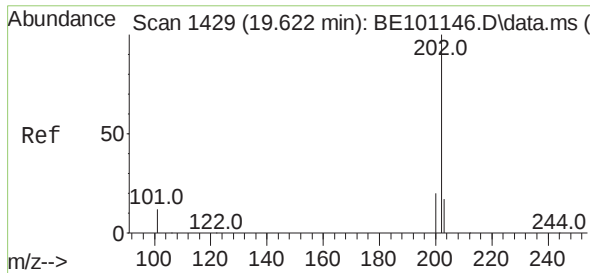
Abundance Scan 1605 (21.379 min): BE101146.D\data.ms (-1529) (-)



Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Tgt Ion:	240	Resp:	34712
Ion	Ratio	Lower	Upper
240	100		
120	7.3	4.1	6.1#
236	26.0	20.3	30.5

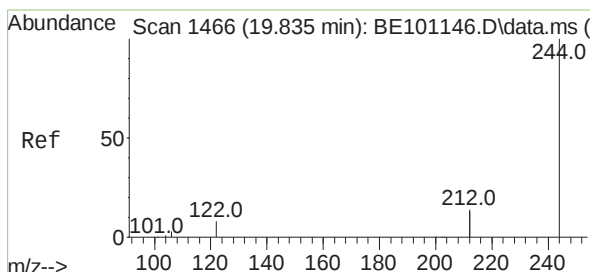
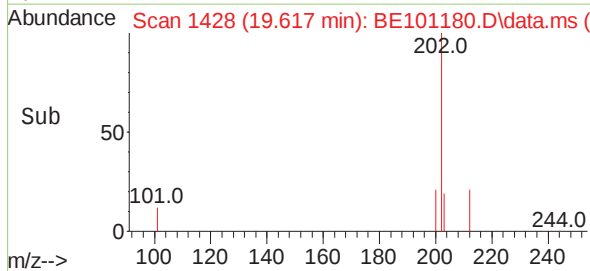
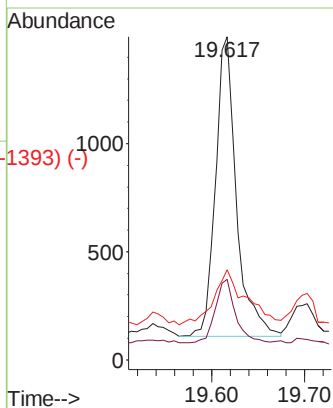
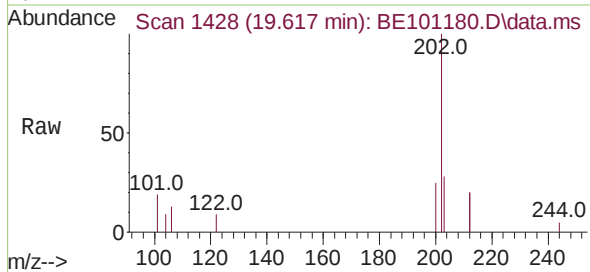




Pyrene
Concen: 0.02 ng
RT: 19.617 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

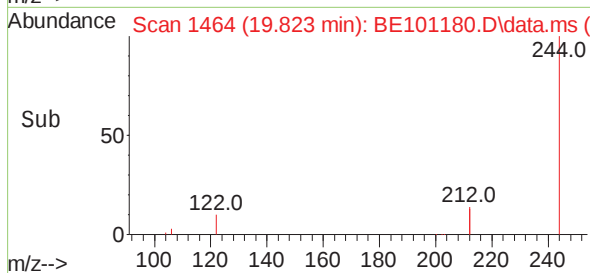
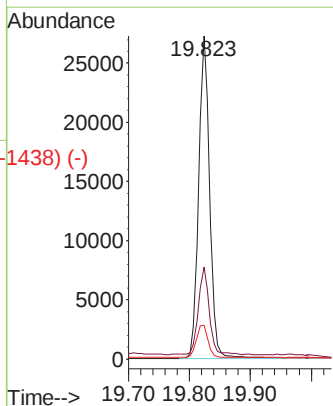
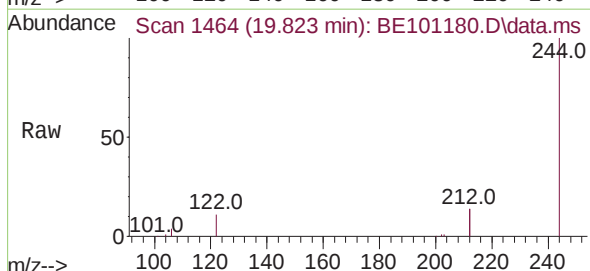
Instrument :
BNA_E
ClientSampleId :
FB01-20210325

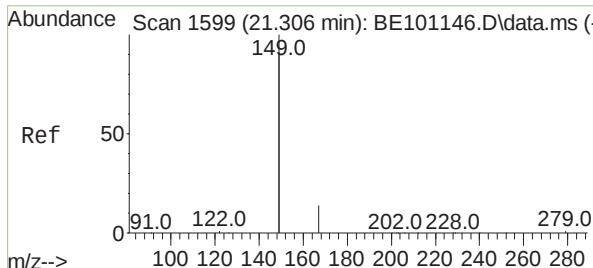
Tgt Ion:	202	Resp:	2156
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.2	24.2
203	28.3	13.9	20.9#



Terphenyl-d14
Concen: 0.44 ng
RT: 19.823 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Tgt Ion:	244	Resp:	34649
Ion Ratio	Lower	Upper	
244	100		
212	28.4	21.7	32.5
122	10.6	6.6	10.0#

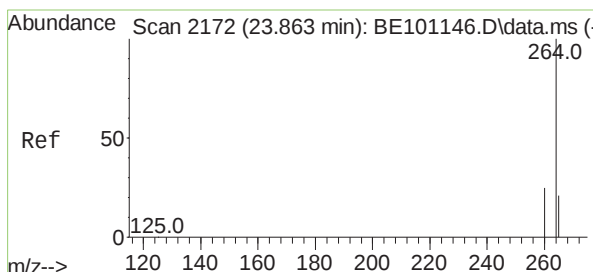
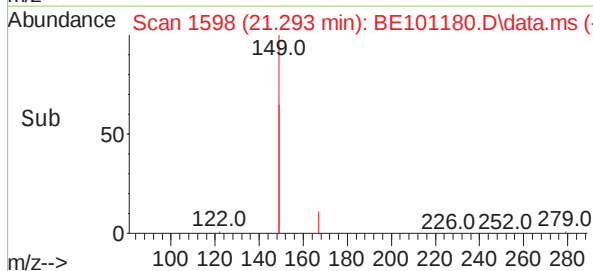
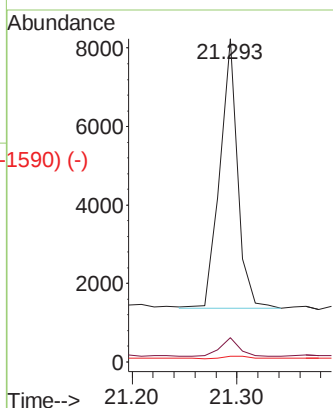
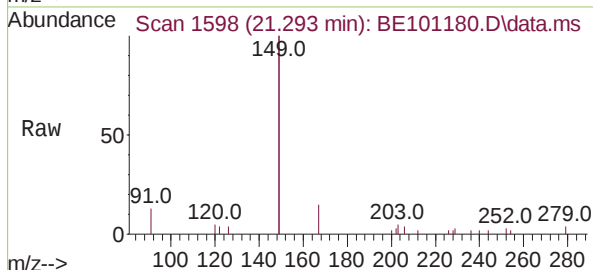




#33 (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 0.14 ng
 RT: 21.293 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: BE101180.D
 Acq: 1 Apr 2021 16:44

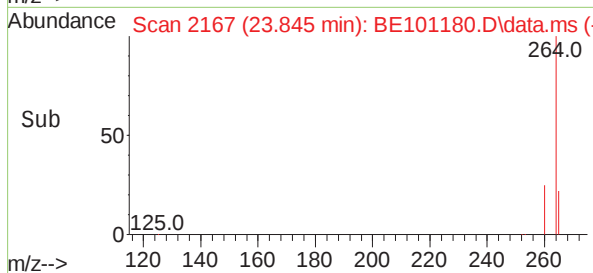
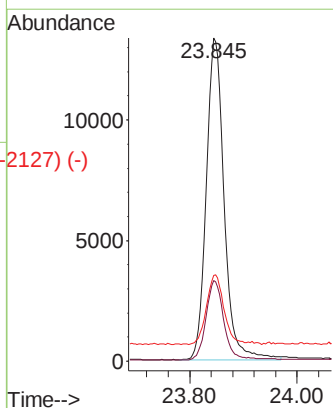
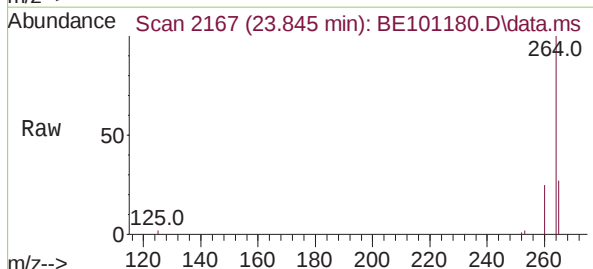
Instrument :
 BNA_E
 ClientSampleId :
 FB01-20210325

Tgt Ion:	149	Resp:	8188
Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.4	8.2
279	1.3	0.9	1.3

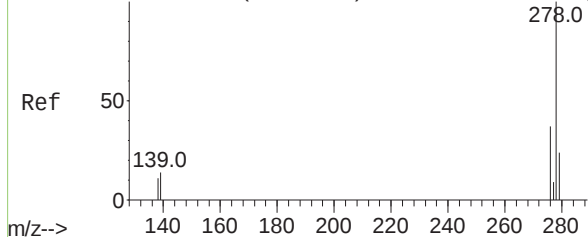


#36 (-)
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.845 min Scan# 2167
 Delta R.T. -0.007 min
 Lab File: BE101180.D
 Acq: 1 Apr 2021 16:44

Tgt Ion:	264	Resp:	30613
Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.5	30.7
265	26.5	20.6	30.8



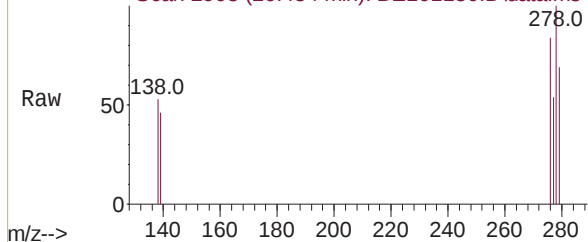
Abundance Scan 2912 (26.516 min): BE101146.D\data.ms (-2894) (-)



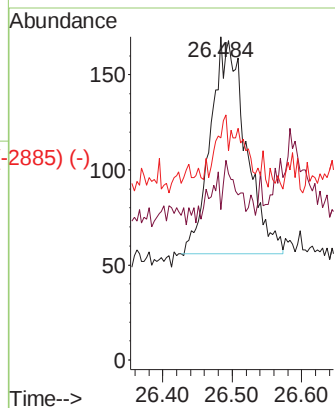
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 26.484 min Scan# 2903
Delta R.T. -0.015 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Instrument :
BNA_E
ClientSampleId :
FB01-20210325

Abundance Scan 2903 (26.484 min): BE101180.D\data.ms



Tgt Ion:	278	Resp:	401
Ion	Ratio	Lower	Upper
278	100		
139	46.5	12.0	18.0#
279	68.8	20.2	30.4#



Abundance Scan 2903 (26.484 min): BE101180.D\data.ms (-2885) (-)

