

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
 Data File : BN016198.D
 Acq On : 04 Sep 2021 18:04
 Operator : CG/JU
 Sample : M3604-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L41-083021

Quant Time: Sep 06 06:19:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 06 02:08:58 2021
 Response via : Initial Calibration

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

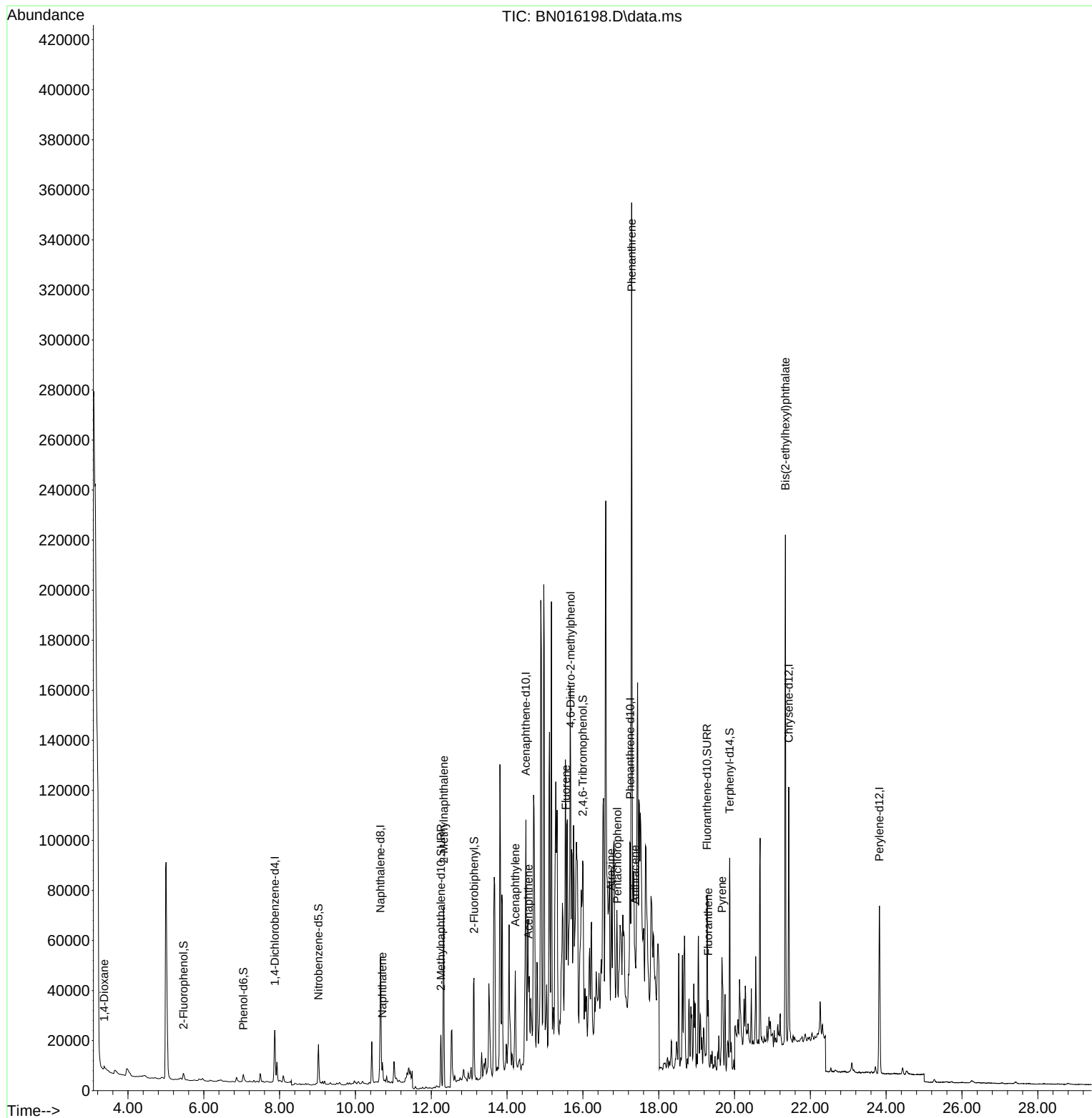
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	13241	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	71817	0.400	ng	0.00
13) Acenaphthene-d10	14.497	164	44340	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	86477	0.400	ng	# 0.00
29) Chrysene-d12	21.429	240	93586	0.400	ng	# 0.00
35) Perylene-d12	23.823	264	98220	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3851	0.103	ng	0.00
5) Phenol-d6	7.043	99	2886	0.060	ng	0.00
8) Nitrobenzene-d5	9.025	82	14538	0.252	ng	0.00
11) 2-Methylnaphthalene-d10	12.252	152	29543	0.258	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	5935	0.300	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	42398	0.254	ng	0.00
27) Fluoranthene-d10	19.276	212	80733	0.311	ng	0.00
31) Terphenyl-d14	19.872	244	79811	0.337	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.373	88	1337	0.316	ng	# 57
9) Naphthalene	10.711	128	10925	0.057	ng	# 95
12) 2-Methylnaphthalene	12.327	142	55062	0.429	ng	# 99
16) Acenaphthylene	14.218	152	6753	0.034	ng	# 1
17) Acenaphthene	14.560	154	10225	0.081	ng	# 38
18) Fluorene	15.550	166	46562	0.294	ng	# 72
20) 4,6-Dinitro-2-methylph...	15.677	198	702	0.373	ng	# 1
23) Atrazine	16.738	200	1003	0.022	ng	# 1
24) Pentachlorophenol	16.908	266	376	0.382	ng	# 75
25) Phenanthrene	17.285	178	329366	1.360	ng	# 92
26) Anthracene	17.370	178	6666	0.029	ng	# 62
28) Fluoranthene	19.306	202	24006	0.084	ng	# 85
30) Pyrene	19.668	202	57340	0.188	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.344	149	206709	0.977	ng	98

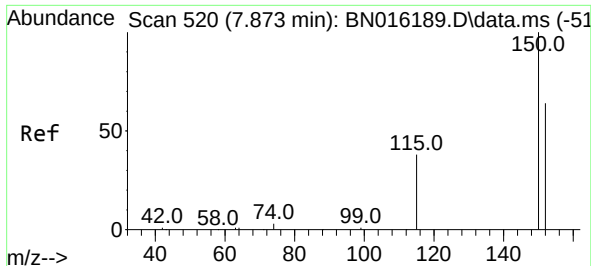
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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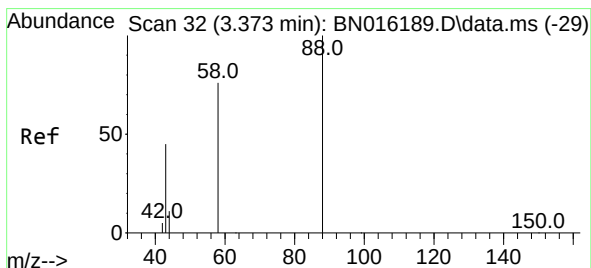
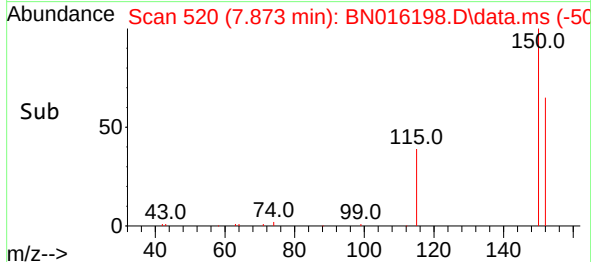
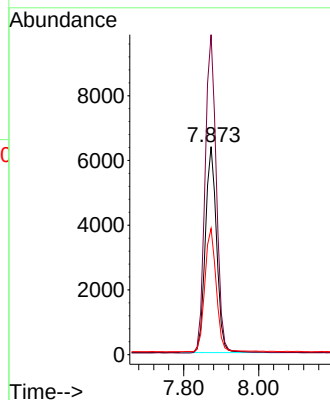
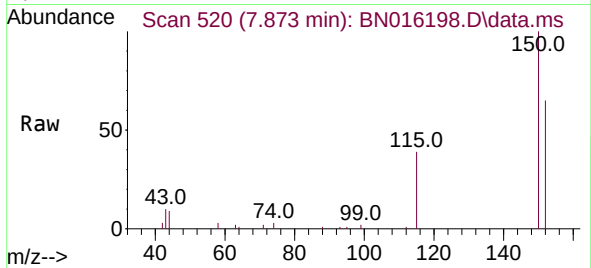




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.873 min Scan# 520
 Delta R.T. -0.000 min
 Lab File: BN016198.D
 Acq: 04 Sep 2021 18:04

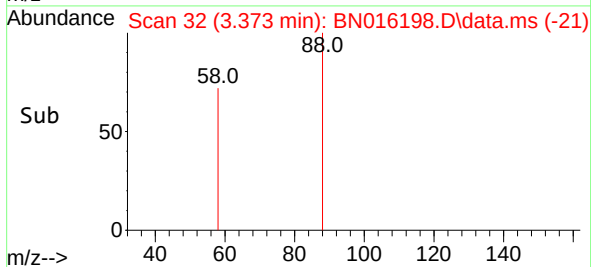
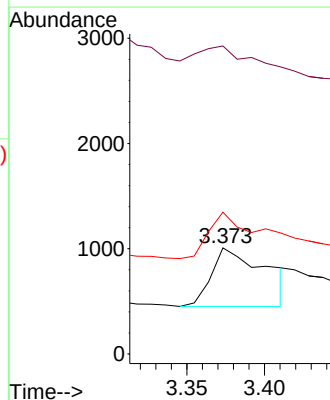
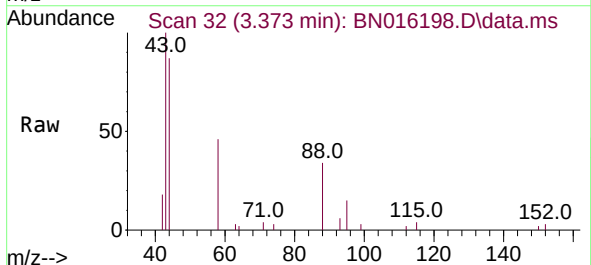
Instrument :
 BNA_N
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 PW-B6-L41-083021

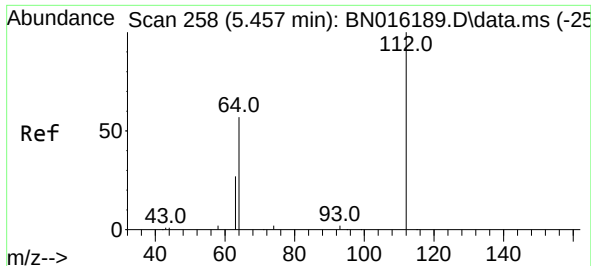
Tgt Ion:152 Resp: 13241
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.3 187.9
 115 60.7 48.4 72.6



#2
 1,4-Dioxane
 Concen: 0.316 ng
 RT: 3.373 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: BN016198.D
 Acq: 04 Sep 2021 18:04

Tgt Ion: 88 Resp: 1337
 Ion Ratio Lower Upper
 88 100
 43 28.4 77.0 115.4#
 58 74.5 70.8 106.2

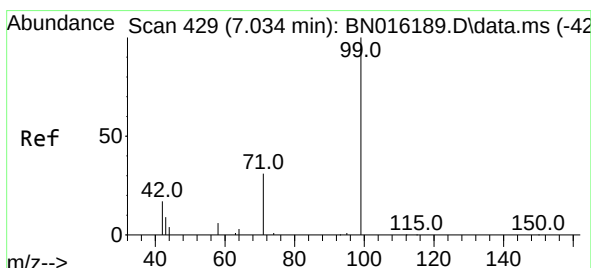
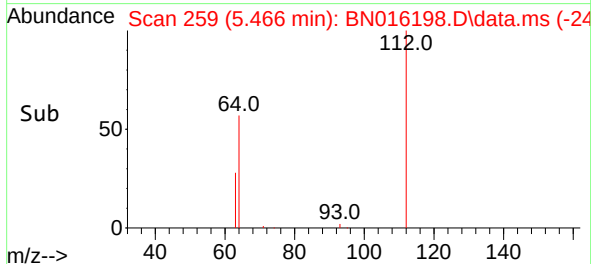
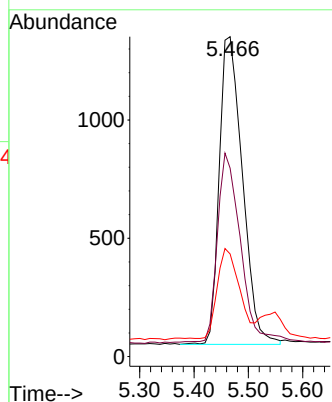
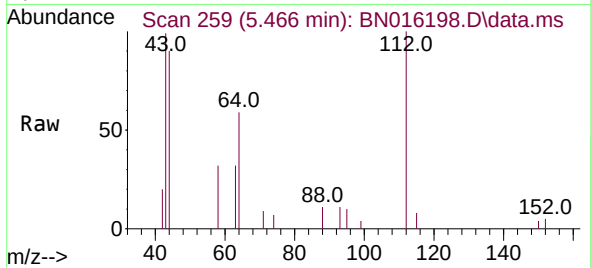




#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.466 min Scan# 259
Delta R.T. 0.009 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

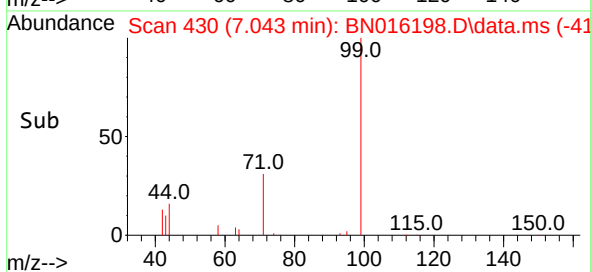
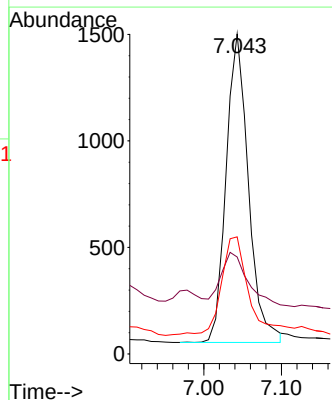
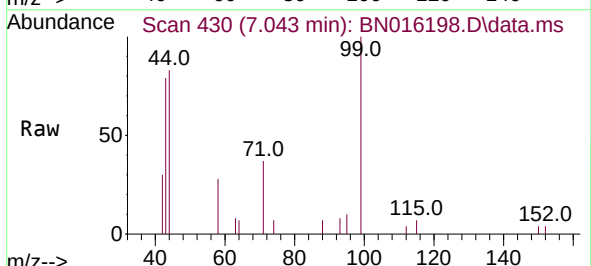
Instrument :
BNA_N
ClientSampleId :
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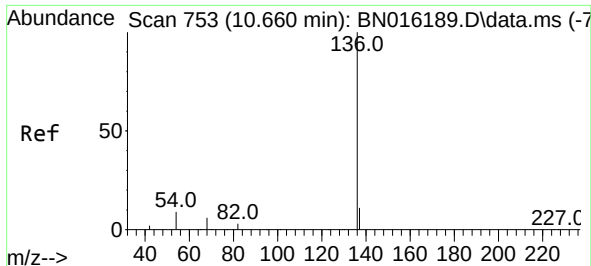
Tgt Ion:	112	Resp:	3851
Ion	Ratio	Lower	Upper
112	100		
64	60.7	46.8	70.2
63	28.4	22.7	34.1



#5
Phenol-d6
Concen: 0.060 ng
RT: 7.043 min Scan# 430
Delta R.T. 0.009 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

Tgt Ion:	99	Resp:	2886
Ion	Ratio	Lower	Upper
99	100		
42	19.5	13.8	20.6
71	38.9	24.3	36.5

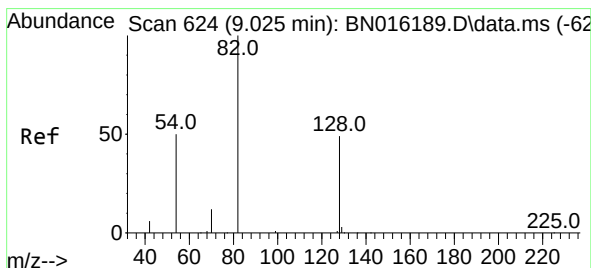
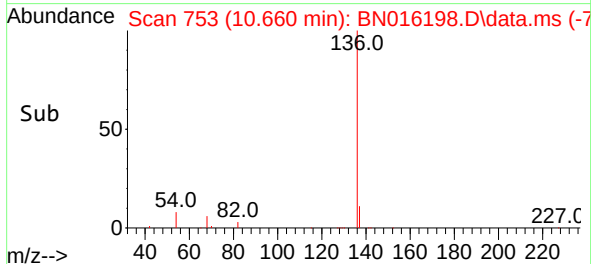
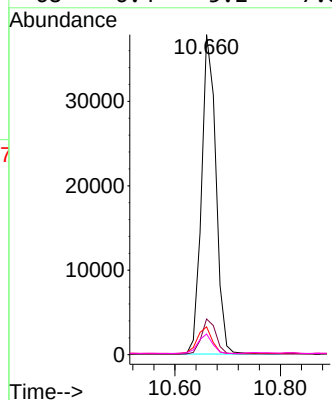
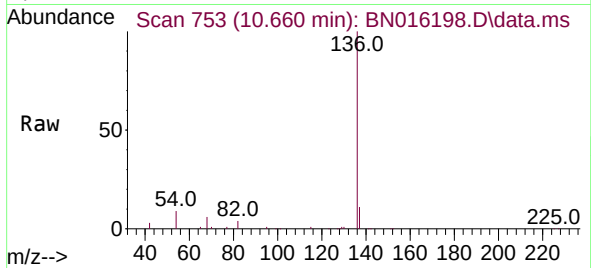




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. 0.000 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

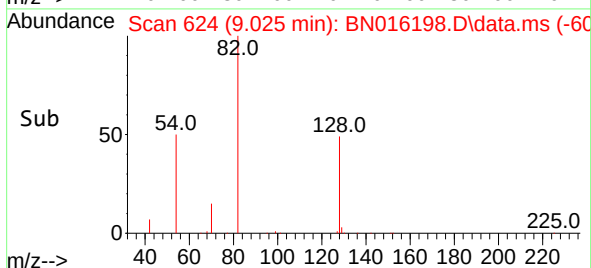
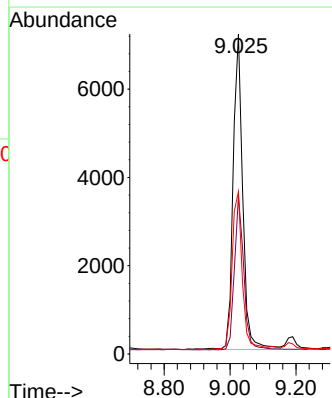
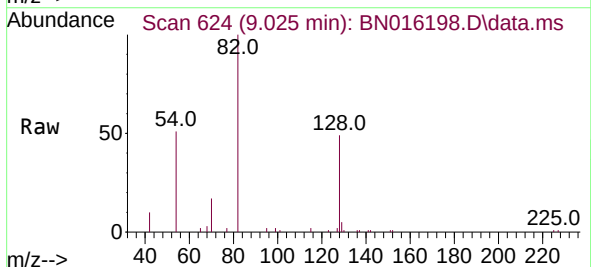
Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

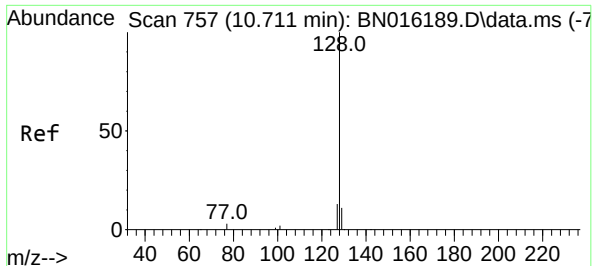
Tgt Ion:	136	Resp:	71817
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.7	7.2	10.8
68	6.4	5.2	7.8



#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 9.025 min Scan# 624
Delta R.T. 0.000 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

Tgt Ion:	82	Resp:	14538
Ion Ratio	Lower	Upper	
82	100		
128	49.3	39.3	58.9
54	50.7	40.2	60.4

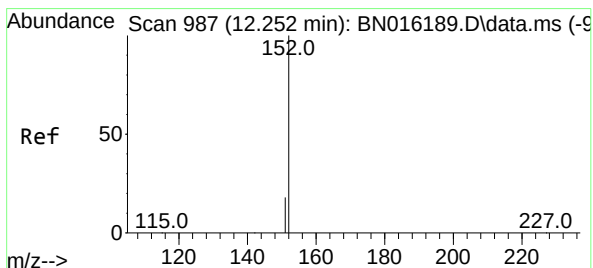
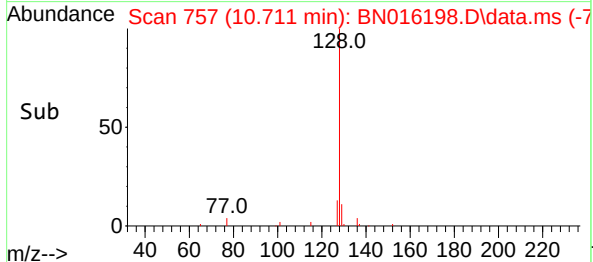
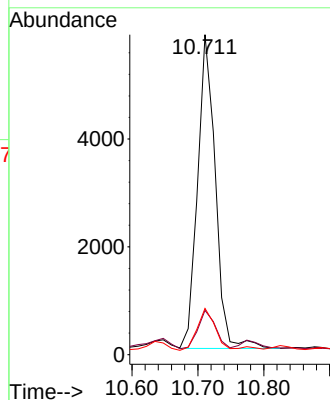
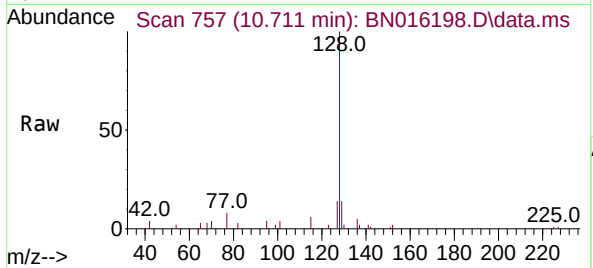




#9
Naphthalene
Concen: 0.057 ng
RT: 10.711 min Scan# 757
Delta R.T. 0.000 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

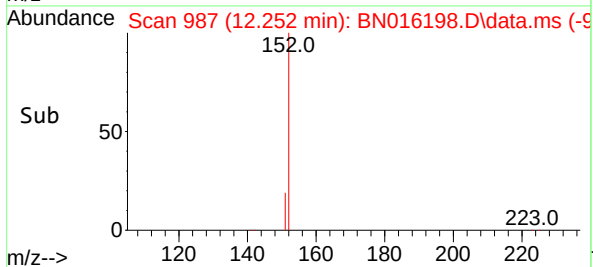
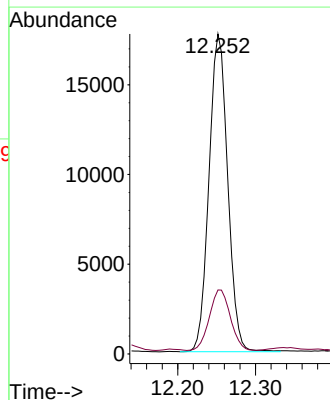
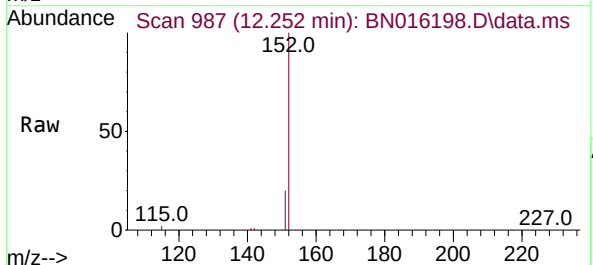
Instrument :
BNA_N
ClientSampleId :
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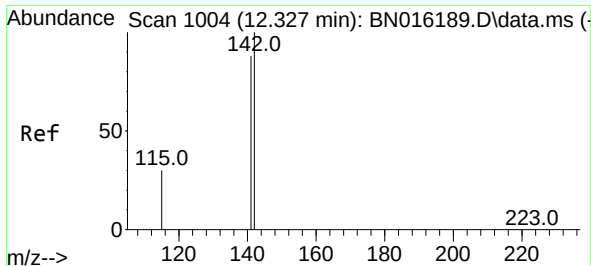
Tgt Ion:128 Resp: 10925
Ion Ratio Lower Upper
128 100
129 13.9 8.9 13.3#
127 14.5 10.4 15.6



#11
2-Methylnaphthalene-d10
Concen: 0.258 ng
RT: 12.252 min Scan# 987
Delta R.T. 0.000 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

Tgt Ion:152 Resp: 29543
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.2

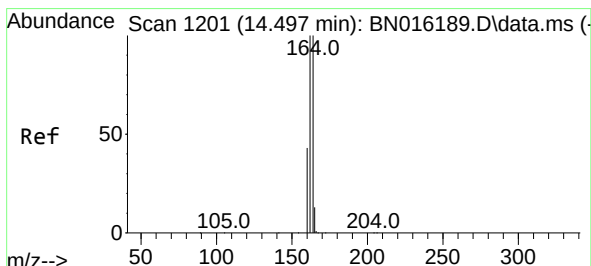
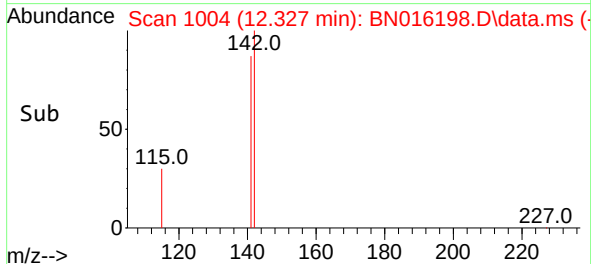
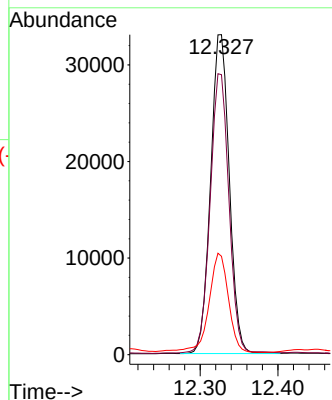
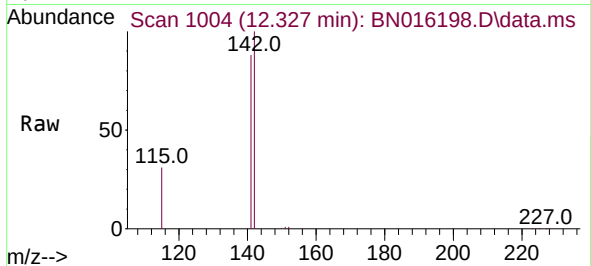




#12
2-Methylnaphthalene
Concen: 0.429 ng
RT: 12.327 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

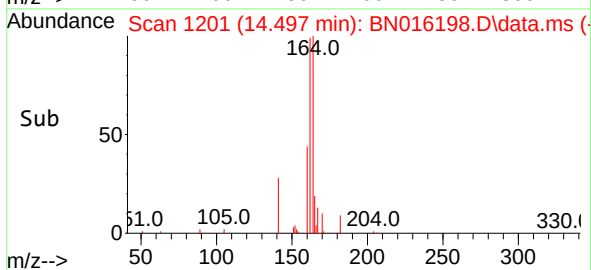
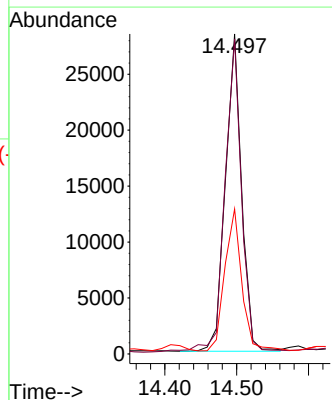
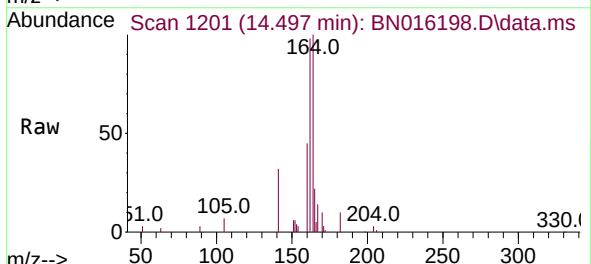
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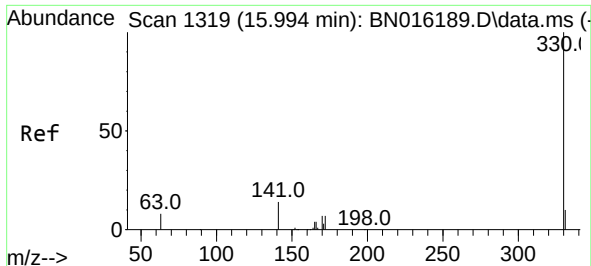
Tgt Ion:142 Resp: 55062
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6
115 30.8 24.4 36.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

Tgt Ion:164 Resp: 44340
Ion Ratio Lower Upper
164 100
162 98.5 79.8 119.6
160 45.3 34.2 51.4

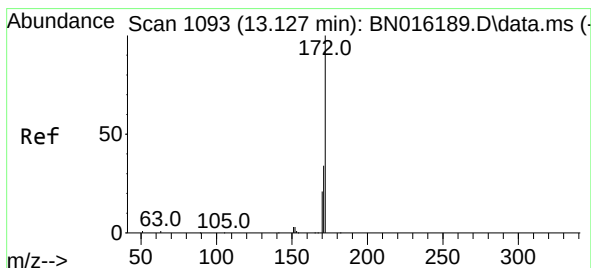
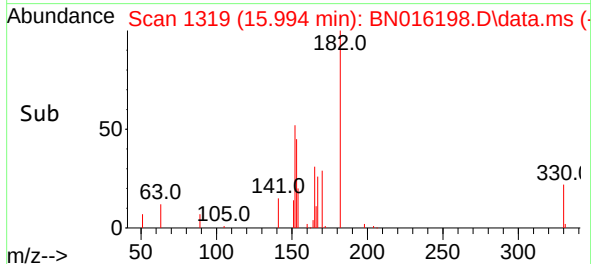
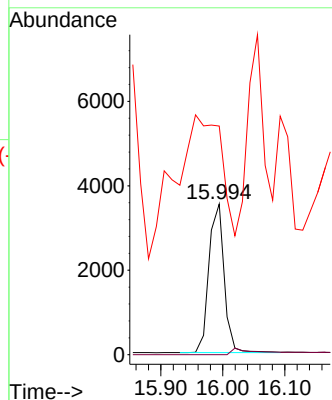
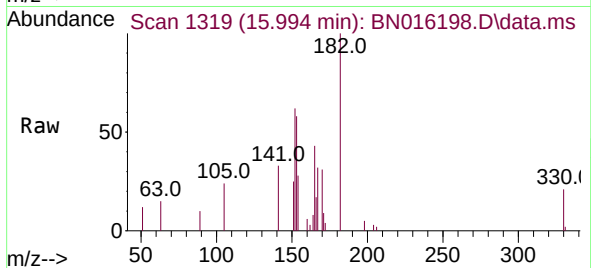




#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 15.994 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

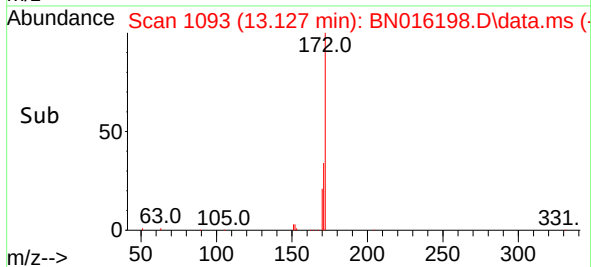
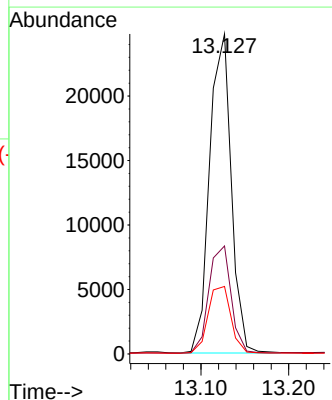
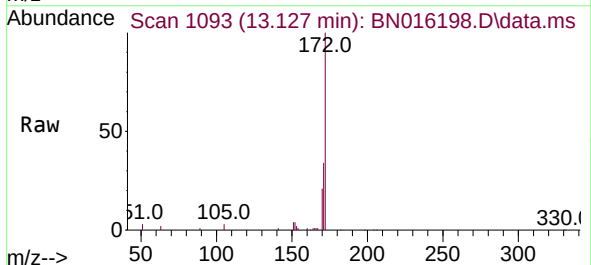
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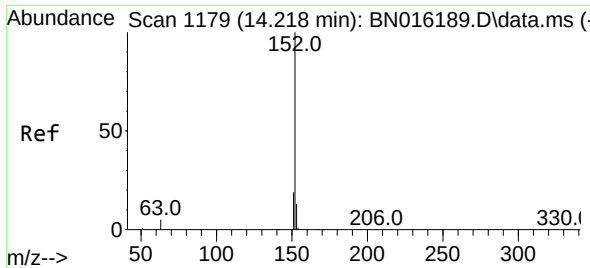
Tgt Ion:330 Resp: 5935
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 25.4 38.2#



#15
2-Fluorobiphenyl
Concen: 0.254 ng
RT: 13.127 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

Tgt Ion:172 Resp: 42398
Ion Ratio Lower Upper
172 100
171 33.7 26.9 40.3
170 21.1 17.1 25.7

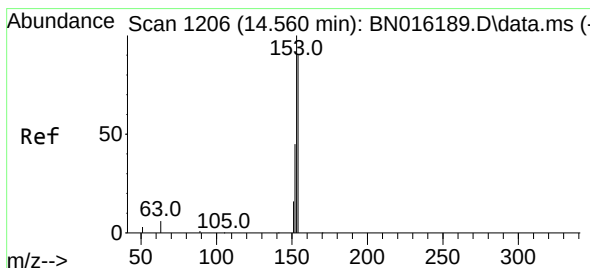
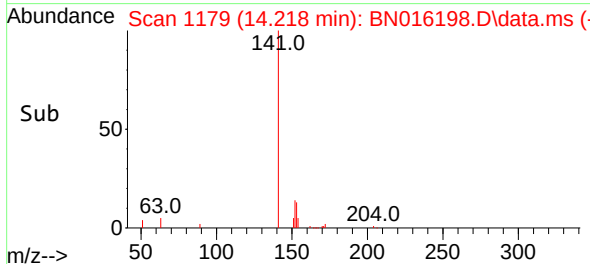
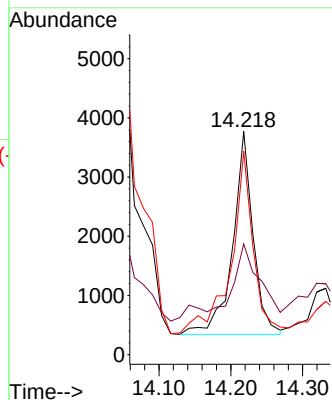
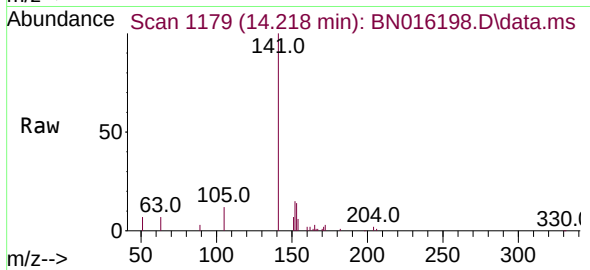




#16
Acenaphthylene
Concen: 0.034 ng
RT: 14.218 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

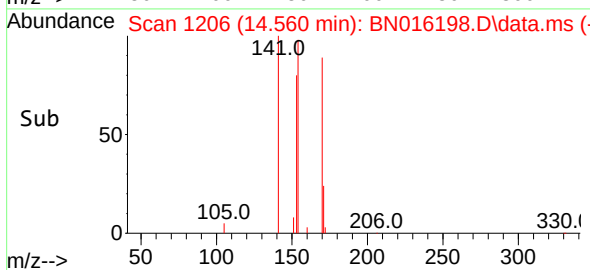
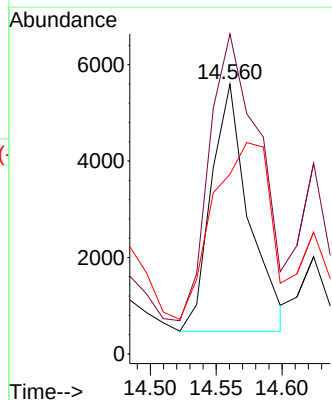
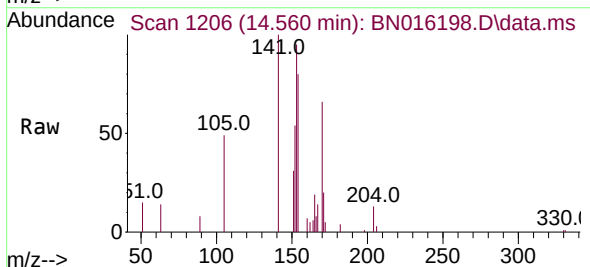
Instrument :
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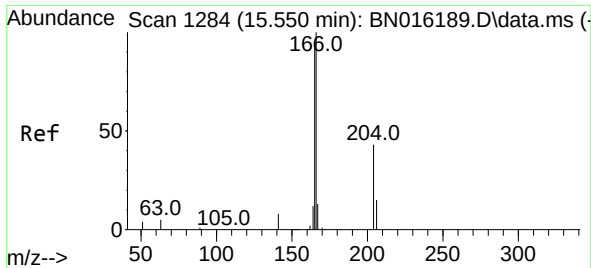
Tgt Ion:152 Resp: 6753
Ion Ratio Lower Upper
152 100
151 46.5 15.3 22.9#
153 96.9 10.4 15.6#



#17
Acenaphthene
Concen: 0.081 ng
RT: 14.560 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

Tgt Ion:154 Resp: 10225
Ion Ratio Lower Upper
154 100
153 163.7 89.1 133.7#
152 114.6 41.2 61.8#

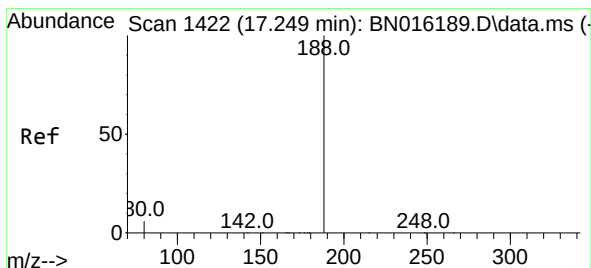
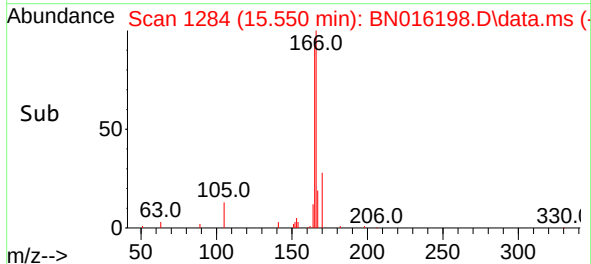
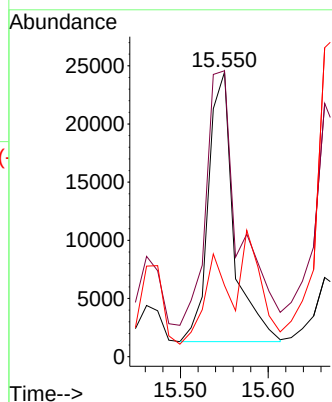
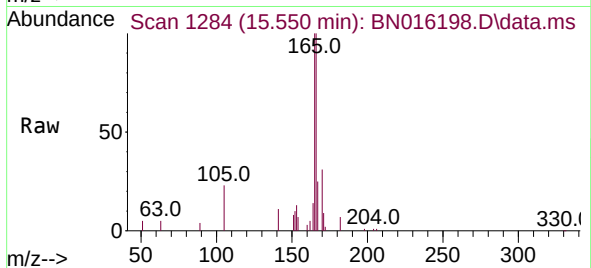




#18
Fluorene
Concen: 0.294 ng
RT: 15.550 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

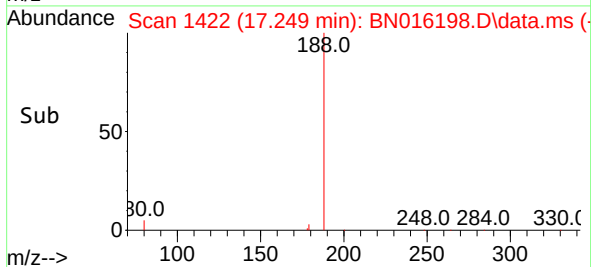
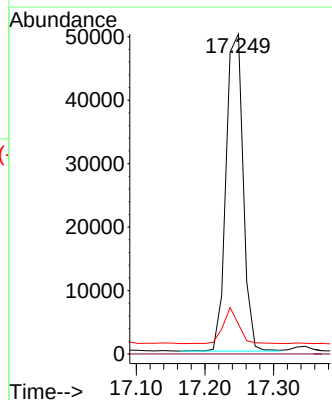
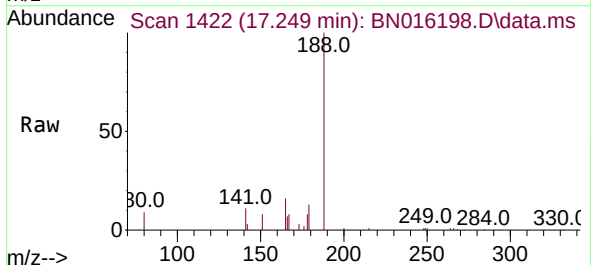
Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

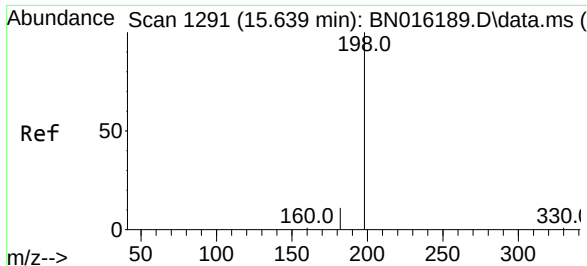
Tgt Ion:166 Resp: 46562
Ion Ratio Lower Upper
166 100
165 120.7 77.0 115.6#
167 32.2 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

Tgt Ion:188 Resp: 86477
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 5.0 7.6#

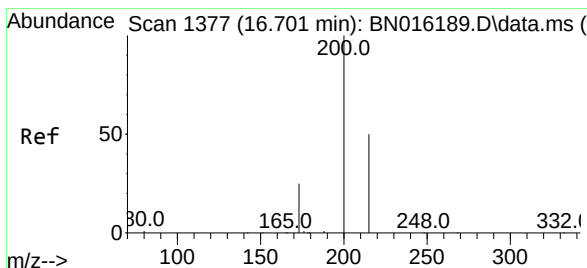
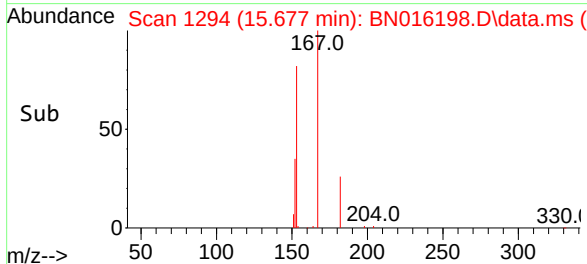
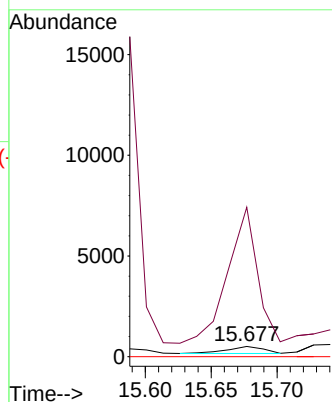
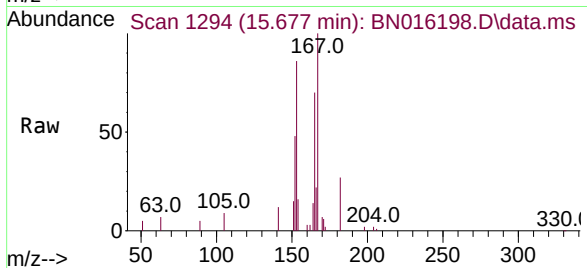




#20
4,6-Dinitro-2-methylphenol
Concen: 0.373 ng
RT: 15.677 min Scan# 1294
Delta R.T. 0.038 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

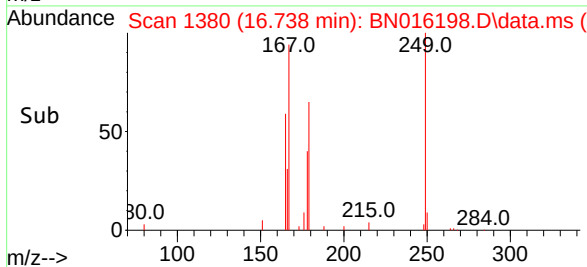
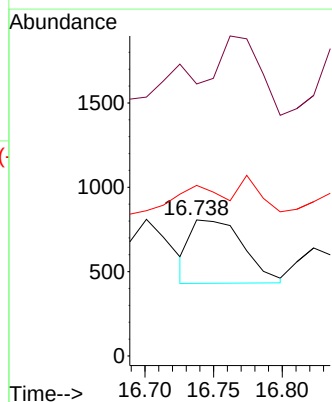
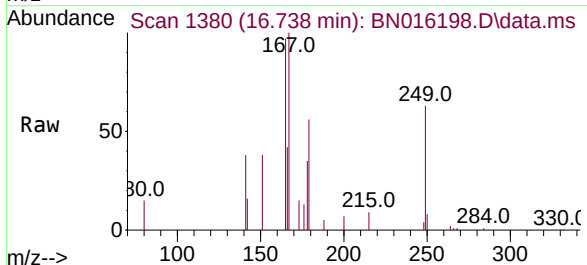
Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

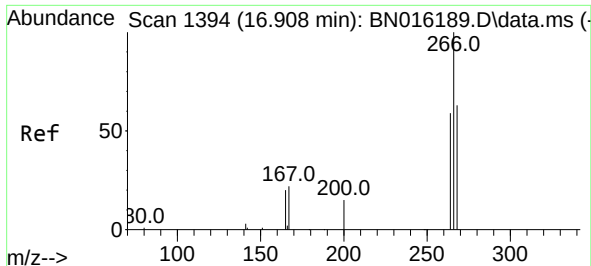
Tgt Ion:198 Resp: 702
Ion Ratio Lower Upper
198 100
182 1449.0 28.8 43.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.022 ng
RT: 16.738 min Scan# 1380
Delta R.T. 0.037 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

Tgt Ion:200 Resp: 1003
Ion Ratio Lower Upper
200 100
173 200.0 20.6 31.0#
215 125.4 40.5 60.7#

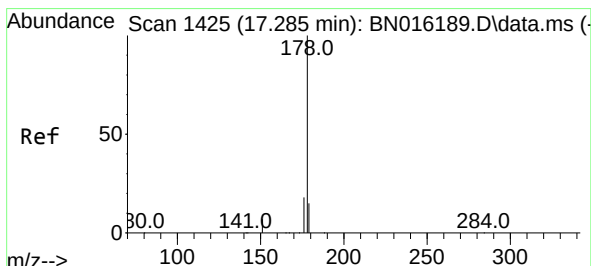
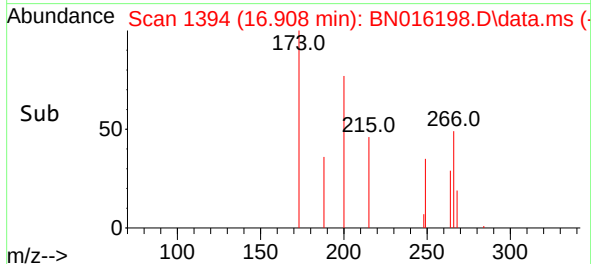
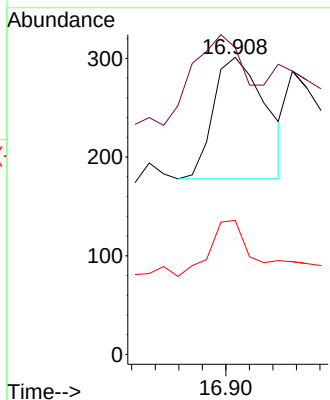
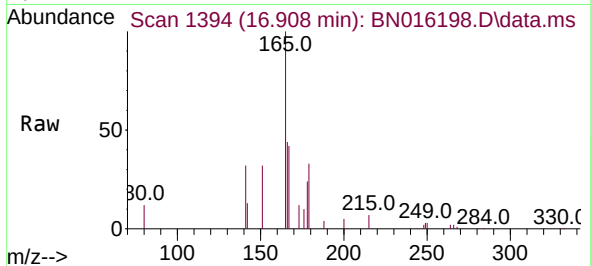




#24
 Pentachlorophenol
 Concen: 0.382 ng
 RT: 16.908 min Scan# 1394
 Delta R.T. -0.000 min
 Lab File: BN016198.D
 Acq: 04 Sep 2021 18:04

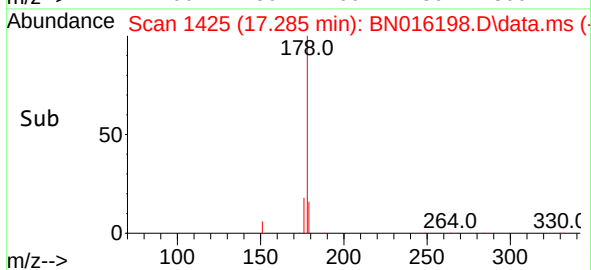
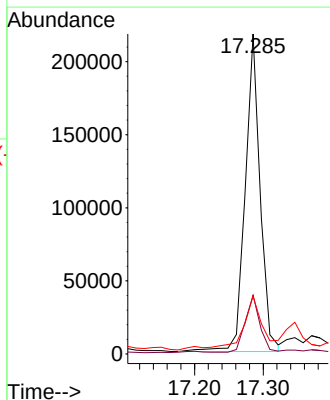
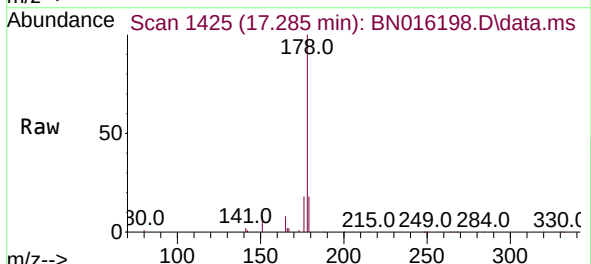
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L41-083021

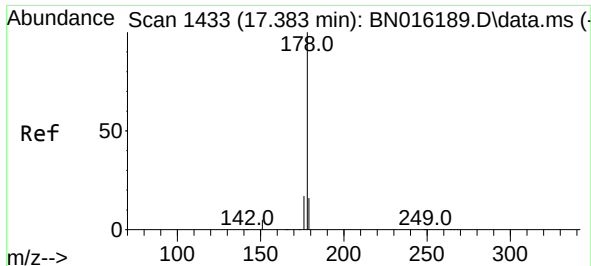
Tgt Ion:	266	Resp:	376
Ion Ratio	Lower	Upper	
266	100		
264	79.8	50.4	75.6#
268	39.9	49.6	74.4#



#25
 Phenanthrene
 Concen: 1.360 ng
 RT: 17.285 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: BN016198.D
 Acq: 04 Sep 2021 18:04

Tgt Ion:	178	Resp:	329366
Ion Ratio	Lower	Upper	
178	100		
176	17.4	14.5	21.7
179	21.6	12.3	18.5#

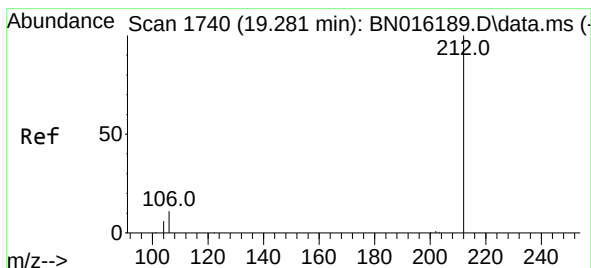
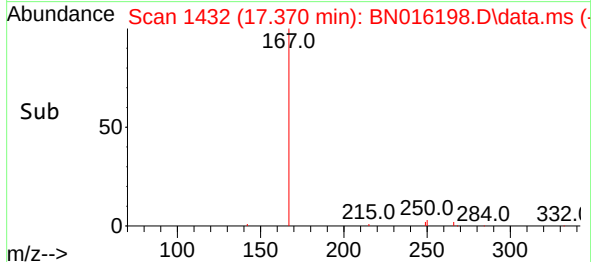
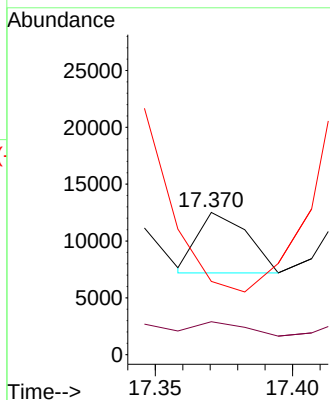
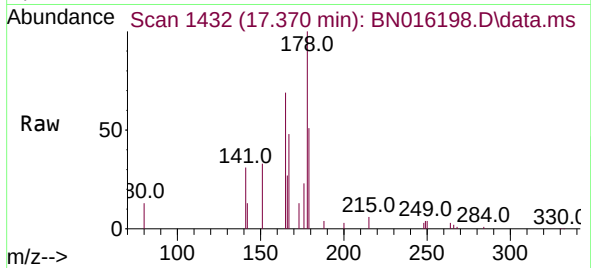




#26
 Anthracene
 Concen: 0.029 ng
 RT: 17.370 min Scan# 1432
 Delta R.T. -0.012 min
 Lab File: BN016198.D
 Acq: 04 Sep 2021 18:04

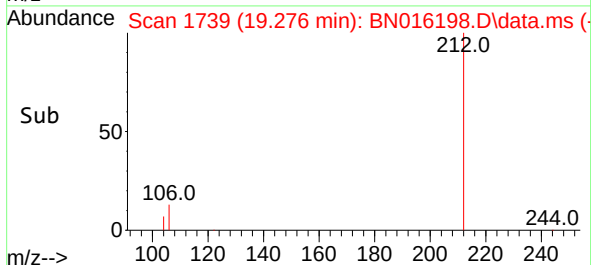
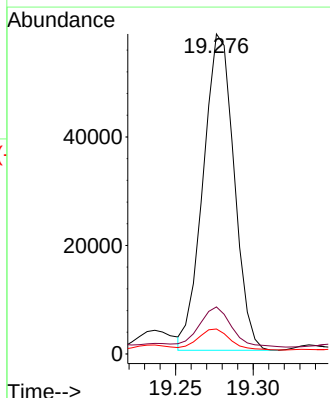
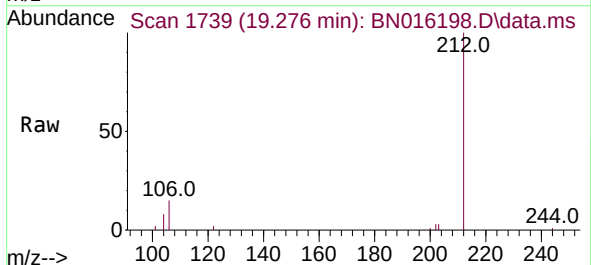
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L41-083021

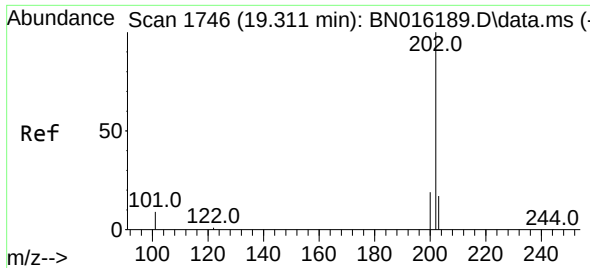
Tgt Ion:178 Resp: 6666
 Ion Ratio Lower Upper
 178 100
 176 0.0 13.8 20.8#
 179 0.0 12.4 18.6#



#27
 Fluoranthene-d10
 Concen: 0.311 ng
 RT: 19.276 min Scan# 1739
 Delta R.T. -0.005 min
 Lab File: BN016198.D
 Acq: 04 Sep 2021 18:04

Tgt Ion:212 Resp: 80733
 Ion Ratio Lower Upper
 212 100
 106 13.2 9.7 14.5
 104 7.0 5.4 8.0

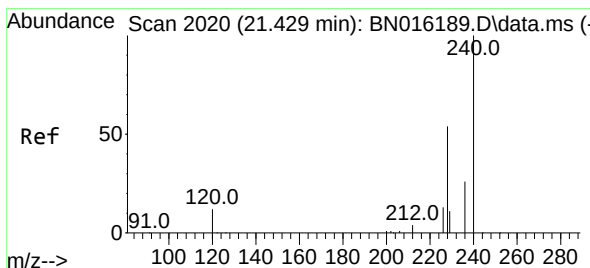
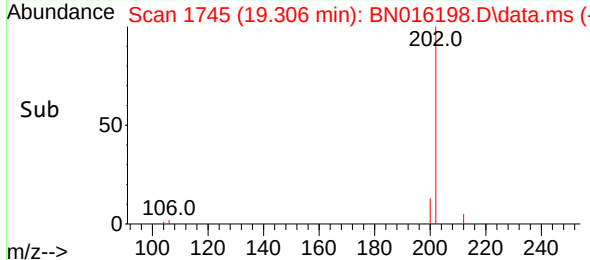
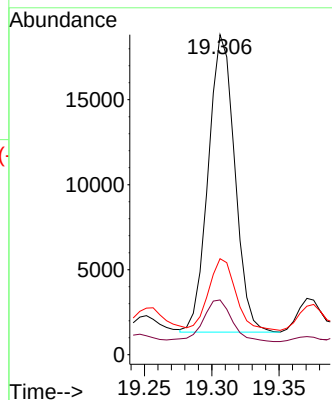
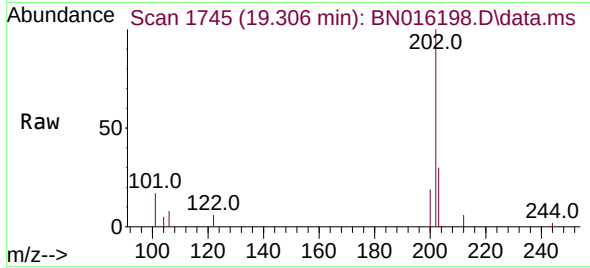




#28
Fluoranthene
Concen: 0.084 ng
RT: 19.306 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

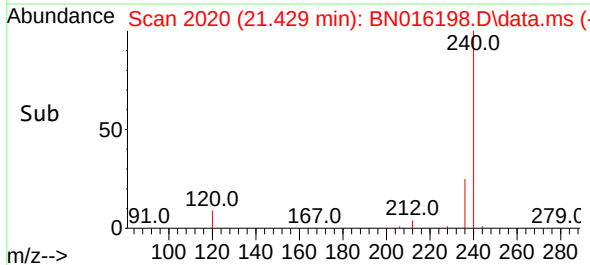
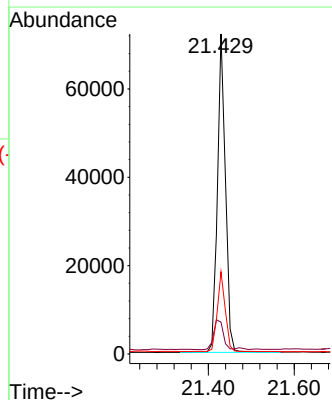
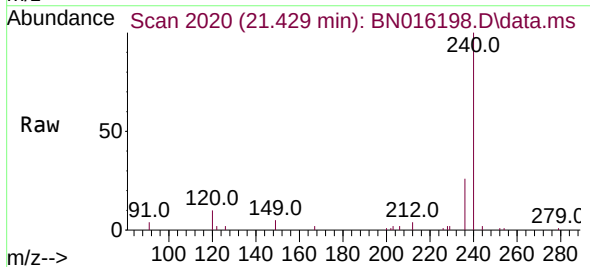
Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

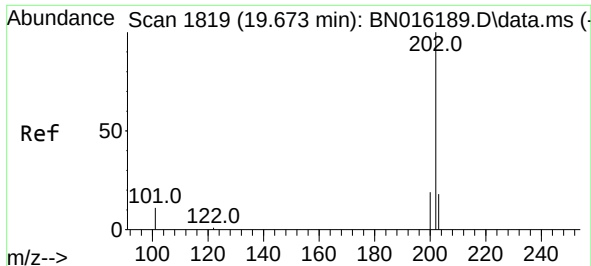
Tgt Ion:202 Resp: 24006
Ion Ratio Lower Upper
202 100
101 15.5 8.4 12.6#
203 24.5 13.8 20.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BN016198.D
Acq: 04 Sep 2021 18:04

Tgt Ion:240 Resp: 93586
Ion Ratio Lower Upper
240 100
120 9.9 10.0 15.0#
236 25.7 20.9 31.3

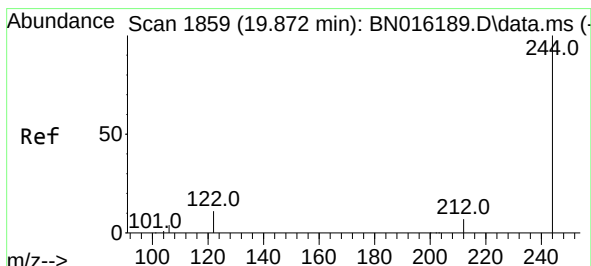
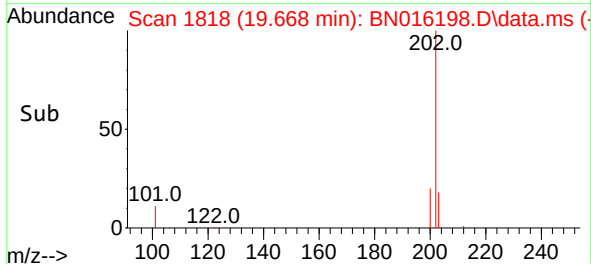
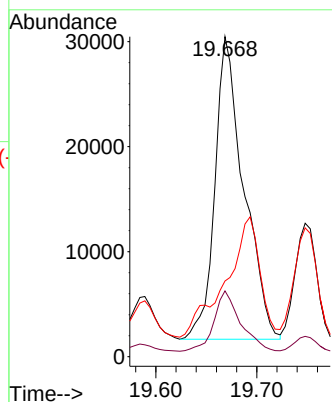
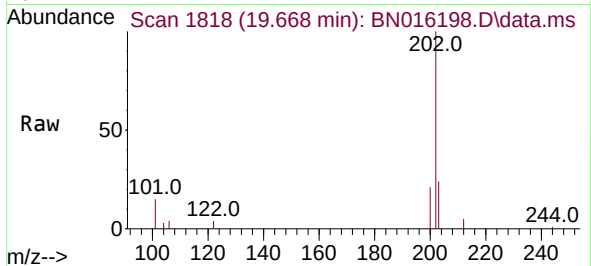




#30
 Pyrene
 Concen: 0.188 ng
 RT: 19.668 min Scan# 1818
 Delta R.T. -0.005 min
 Lab File: BN016198.D
 Acq: 04 Sep 2021 18:04

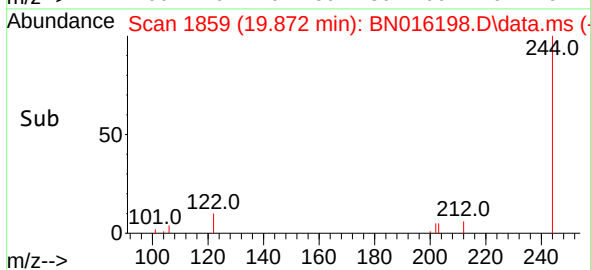
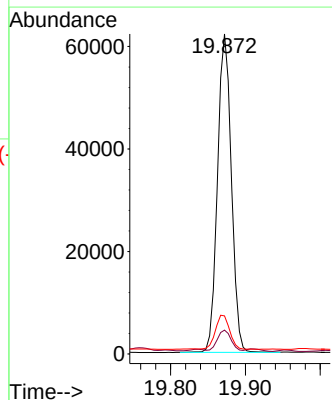
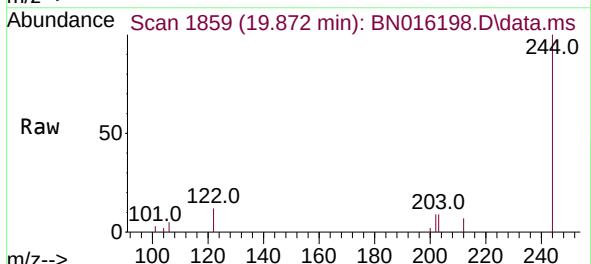
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L41-083021

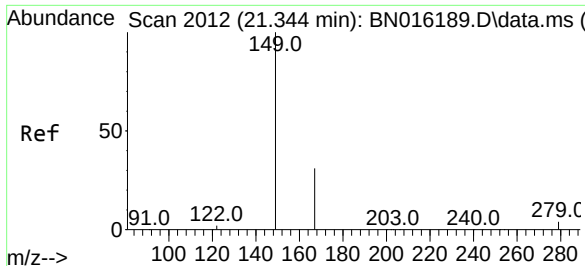
Tgt Ion:202 Resp: 57340
 Ion Ratio Lower Upper
 202 100
 200 18.3 15.8 23.8
 203 0.0 14.1 21.1#



#31
 Terphenyl-d14
 Concen: 0.337 ng
 RT: 19.872 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: BN016198.D
 Acq: 04 Sep 2021 18:04

Tgt Ion:244 Resp: 79811
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 11.9 9.0 13.4

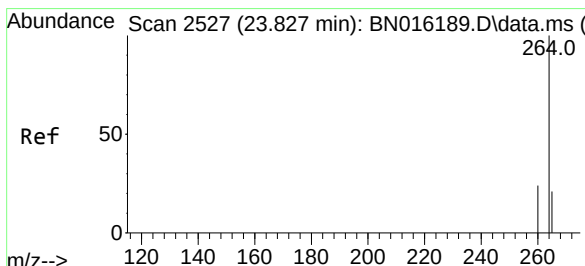
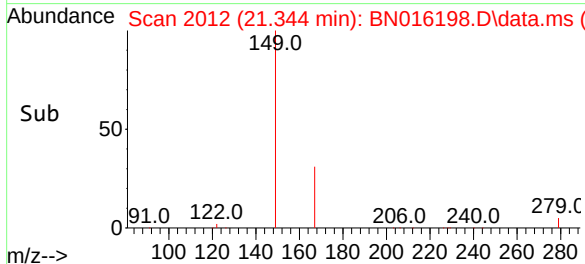
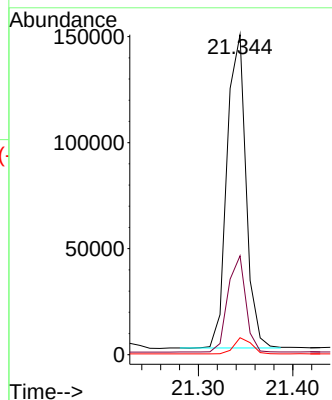
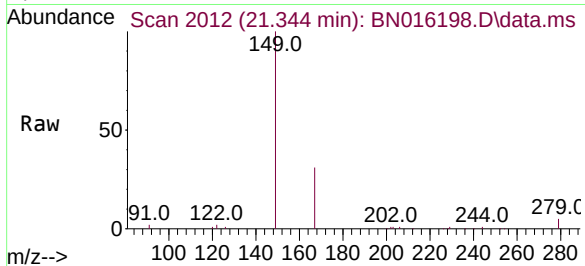




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.977 ng
 RT: 21.344 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: BN016198.D
 Acq: 04 Sep 2021 18:04

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L41-083021

Tgt Ion:149 Resp: 206709
 Ion Ratio Lower Upper
 149 100
 167 28.9 24.2 36.4
 279 4.8 4.0 6.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.823 min Scan# 2526
 Delta R.T. -0.003 min
 Lab File: BN016198.D
 Acq: 04 Sep 2021 18:04

Tgt Ion:264 Resp: 98220
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 24.2 20.2 30.2

