

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015378.D
 Acq On : 07 Jul 2021 17:48
 Operator : CG/JU
 Sample : M2923-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-09-1.5-6.5-070121

Quant Time: Jul 07 19:03:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 11:11:38 2021
 Response via : Initial Calibration

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

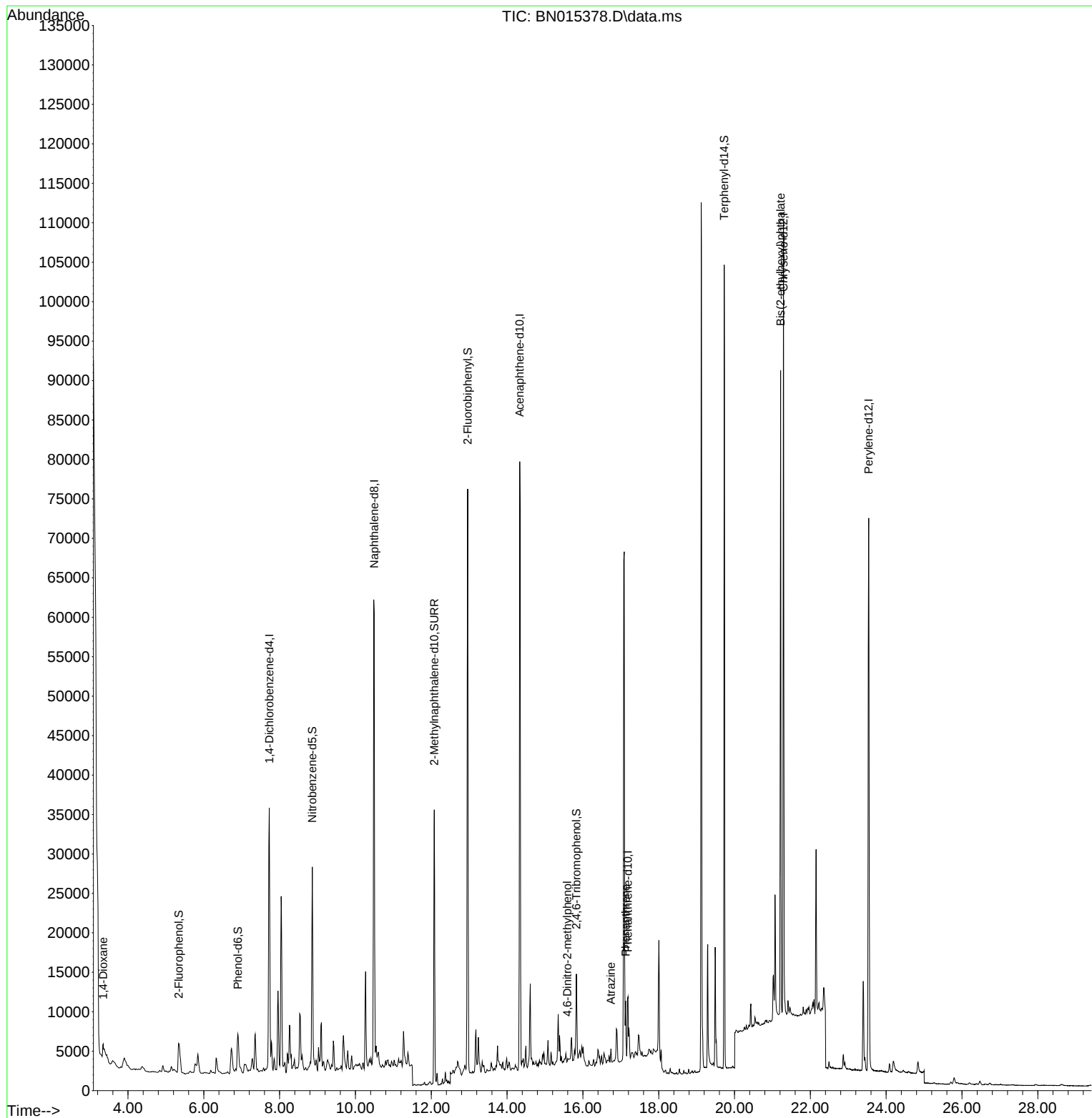
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	19161	0.400	ng	# 0.00
7) Naphthalene-d8	10.495	136	87894	0.400	ng	# 0.01
13) Acenaphthene-d10	14.332	164	50145	0.400	ng	0.00
19) Phenanthrene-d10	17.188	188	10621	0.400	ng	0.11
29) Chrysene-d12	21.291	240	90047	0.400	ng	# 0.00
35) Perylene-d12	23.539	264	88925	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	7350	0.151	ng	0.00
5) Phenol-d6	6.895	99	5570	0.091	ng	0.00
8) Nitrobenzene-d5	8.860	82	21620	0.439	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	46862	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	7771	0.579	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	65511	0.322	ng	0.00
27) Fluoranthene-d10	0.000	212	0	0.000	ng	
31) Terphenyl-d14	19.728	244	98313	0.467	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.345	88	3253	0.362	ng	# 76
20) 4,6-Dinitro-2-methylph...	15.588	198	8	0.234	ng	# 1
23) Atrazine	16.737	200	227	0.212	ng	# 51
25) Phenanthrene	17.127	178	7367	0.215	ng	98
34) Bis(2-ethylhexyl)phtha...	21.216	149	71453	0.767	ng	# 88

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

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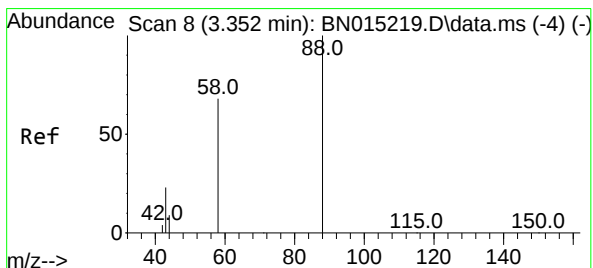
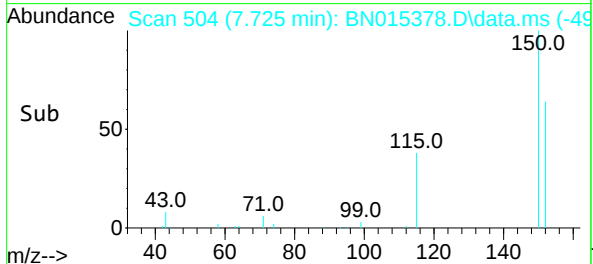
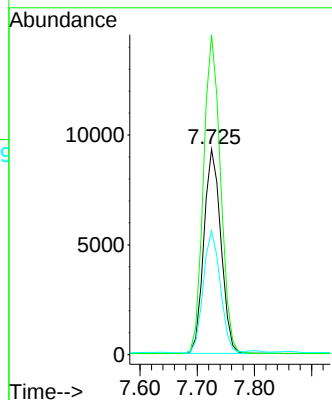
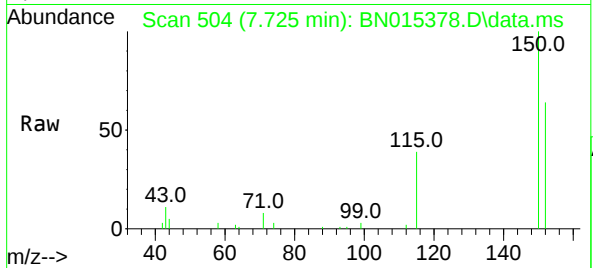




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015378.D
 Acq: 07 Jul 2021 17:48

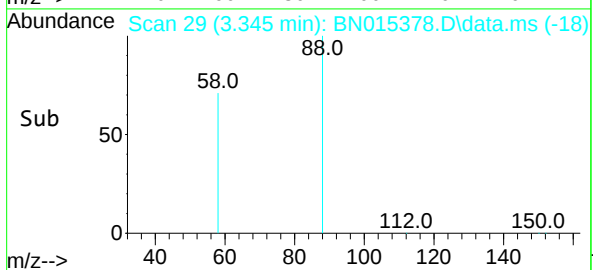
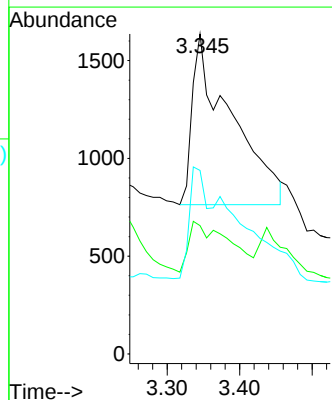
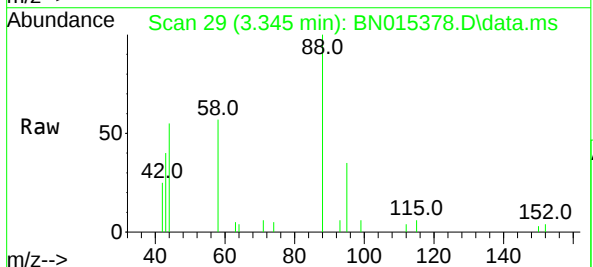
Instrument :
 BNA_N
 ClientSampleId :
 MW-09-1.5-6.5-070121

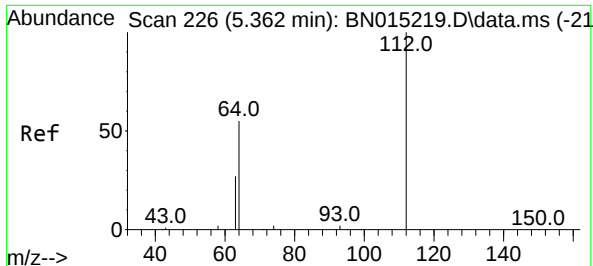
Tgt Ion: 152 Resp: 19161
 Ion Ratio Lower Upper
 152 100
 150 155.7 119.0 178.6
 115 60.2 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.362 ng
 RT: 3.345 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: BN015378.D
 Acq: 07 Jul 2021 17:48

Tgt Ion: 88 Resp: 3253
 Ion Ratio Lower Upper
 88 100
 43 30.6 12.9 19.3#
 58 33.9 38.1 57.1#

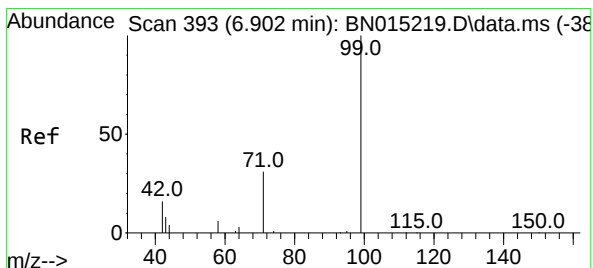
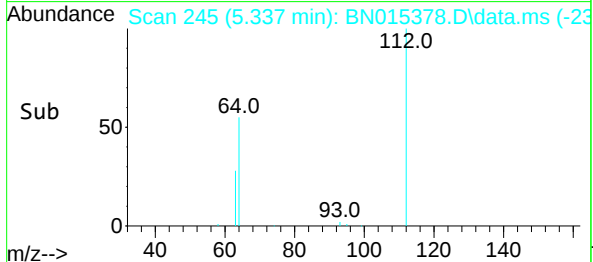
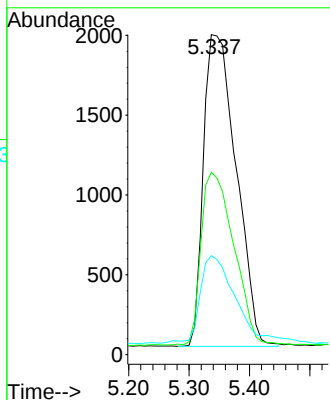
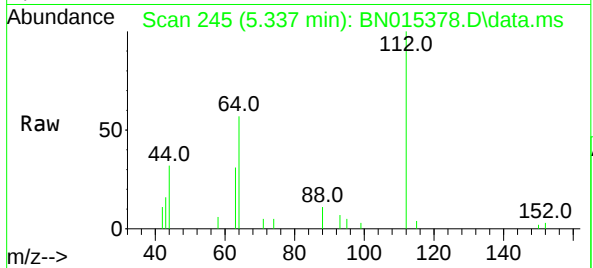




#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.337 min Scan# 245
Delta R.T. -0.000 min
Lab File: BN015378.D
Acq: 07 Jul 2021 17:48

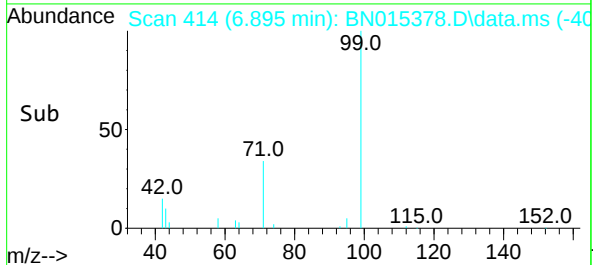
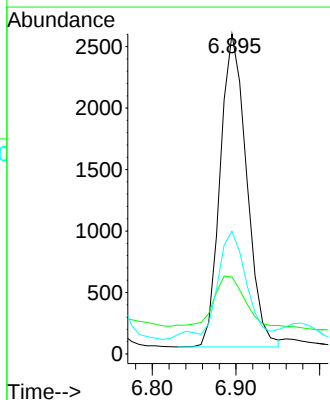
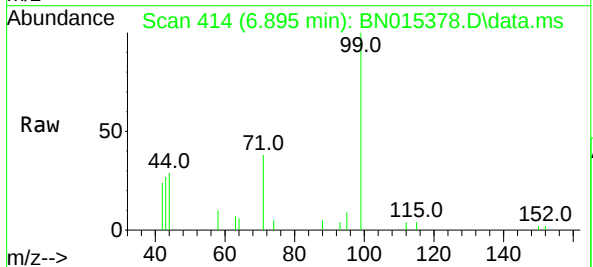
Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-6.5-070121

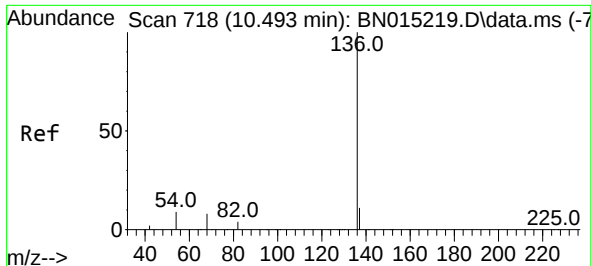
Tgt Ion:	112	Resp:	7350
Ion	Ratio	Lower	Upper
112	100		
64	55.4	39.0	58.6
63	29.7	20.6	30.8



#5
Phenol-d6
Concen: 0.091 ng
RT: 6.895 min Scan# 414
Delta R.T. -0.000 min
Lab File: BN015378.D
Acq: 07 Jul 2021 17:48

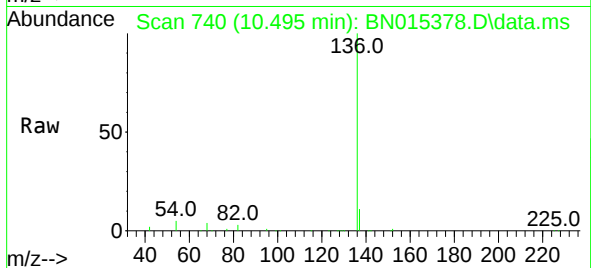
Tgt Ion:	99	Resp:	5570
Ion	Ratio	Lower	Upper
99	100		
42	18.5	8.9	13.3#
71	39.0	35.6	53.4



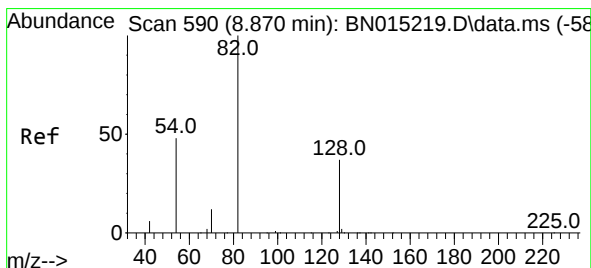
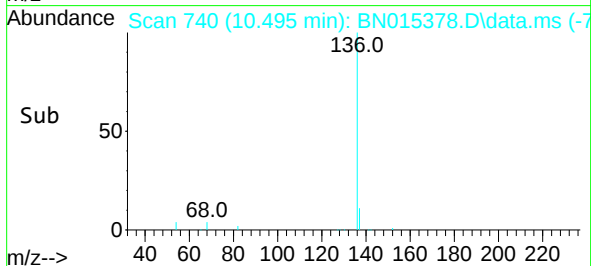
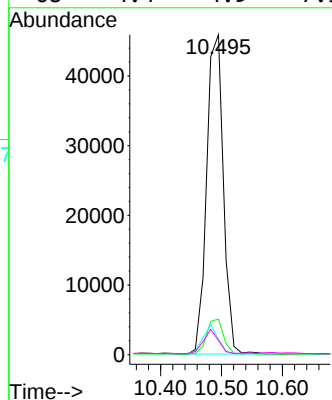


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.012 min
Lab File: BN015378.D
Acq: 07 Jul 2021 17:48

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-6.5-070121

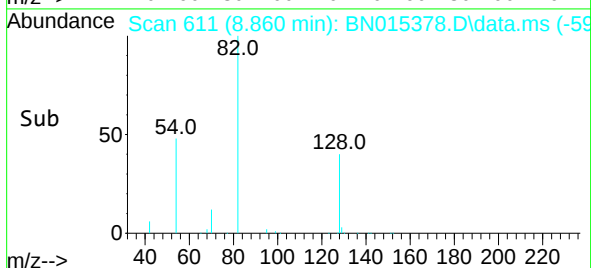
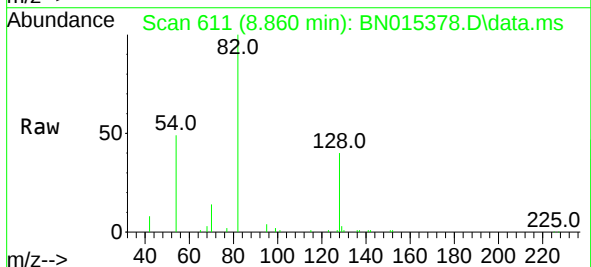
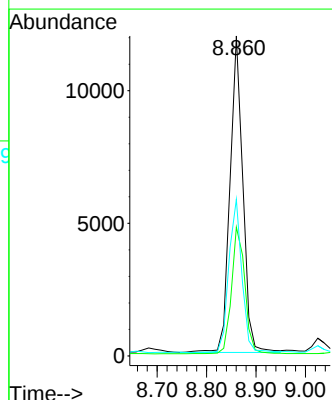


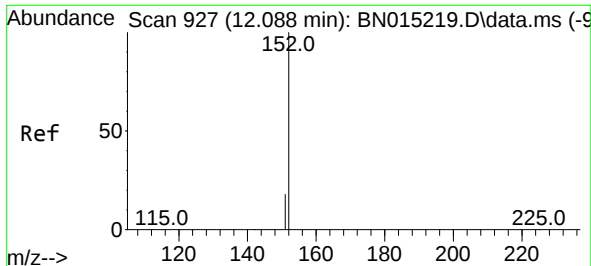
Tgt Ion:	136	Resp:	87894
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.8	14.8
54	4.8	5.4	8.2#
68	4.4	4.9	7.3#



#8
Nitrobenzene-d5
Concen: 0.439 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN015378.D
Acq: 07 Jul 2021 17:48

Tgt Ion:	82	Resp:	21620
Ion Ratio	Lower	Upper	
82	100		
128	40.3	31.6	47.4
54	49.0	29.0	43.4#

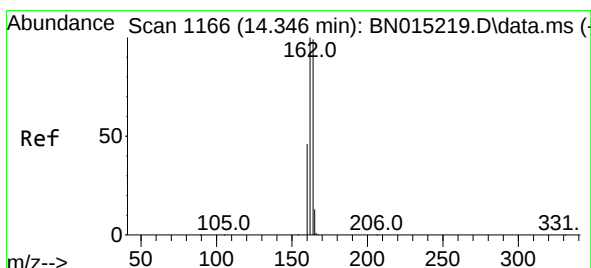
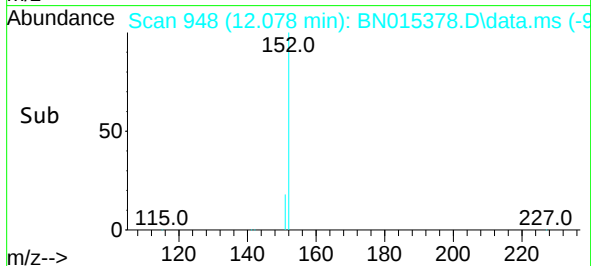
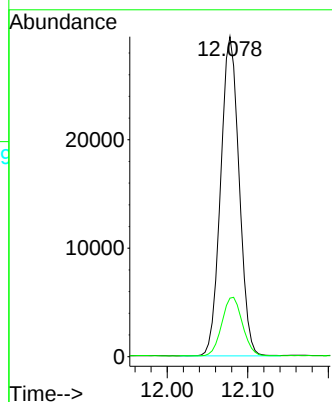
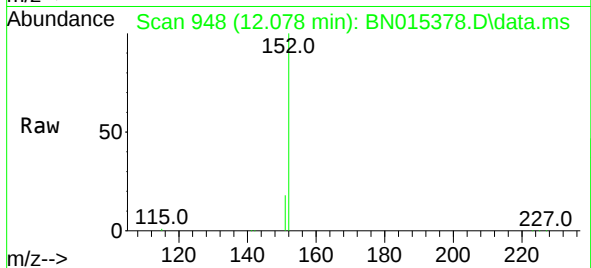




#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN015378.D
Acq: 07 Jul 2021 17:48

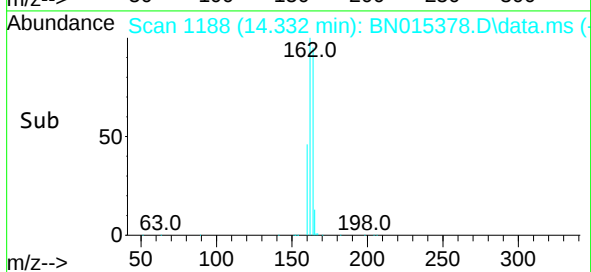
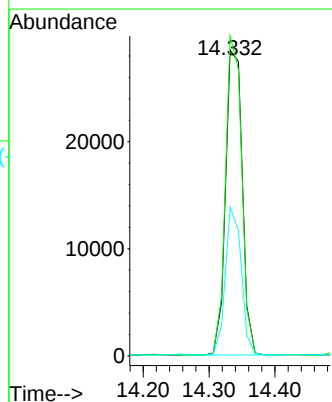
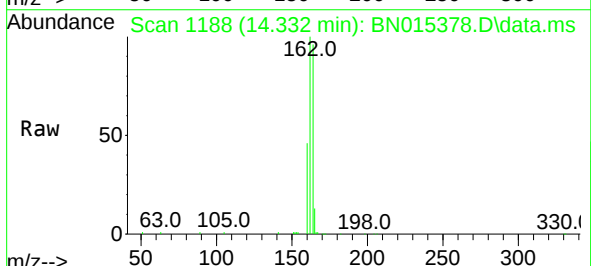
Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-6.5-070121

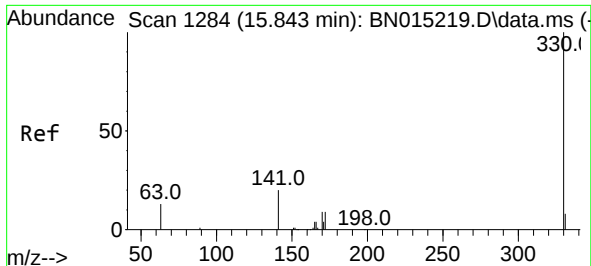
Tgt Ion:152 Resp: 46862
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN015378.D
Acq: 07 Jul 2021 17:48

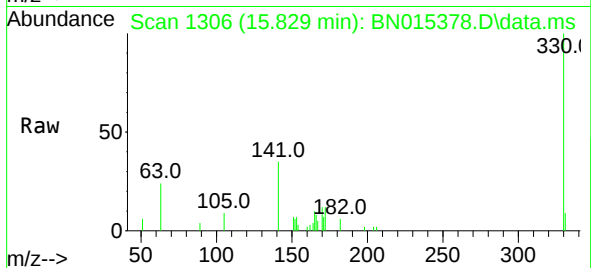
Tgt Ion:164 Resp: 50145
Ion Ratio Lower Upper
164 100
162 104.7 83.8 125.6
160 48.6 37.4 56.0



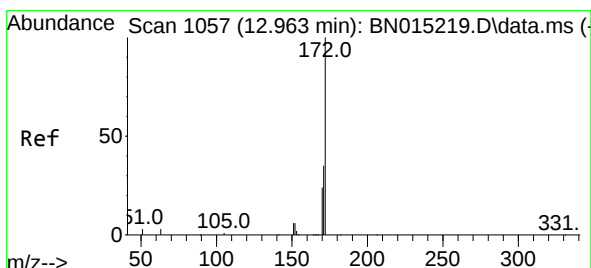
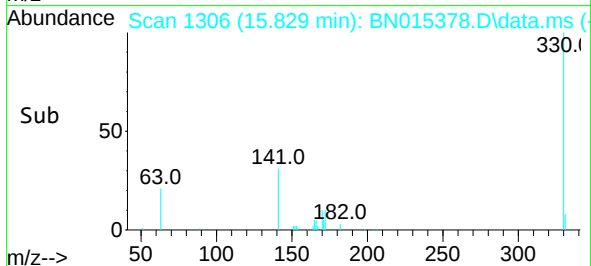
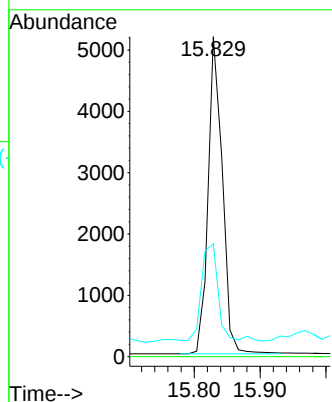


#14
2,4,6-Tribromophenol
Concen: 0.579 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN015378.D
Acq: 07 Jul 2021 17:48

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-6.5-070121

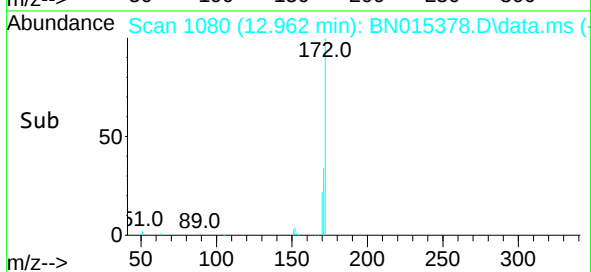
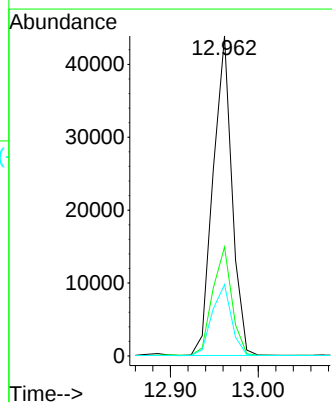
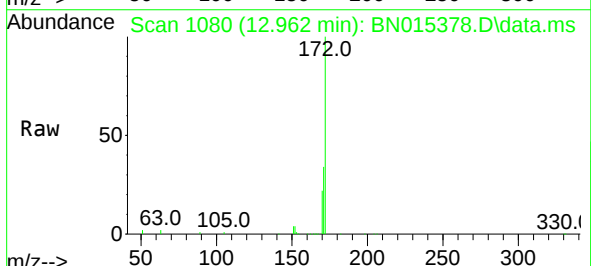


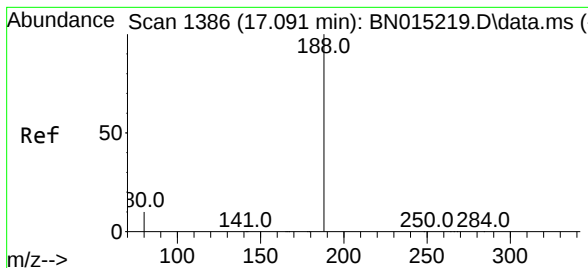
Tgt Ion: 330 Resp: 7771
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.3 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN015378.D
Acq: 07 Jul 2021 17:48

Tgt Ion: 172 Resp: 65511
Ion Ratio Lower Upper
172 100
171 34.1 30.6 45.8
170 22.3 20.2 30.4

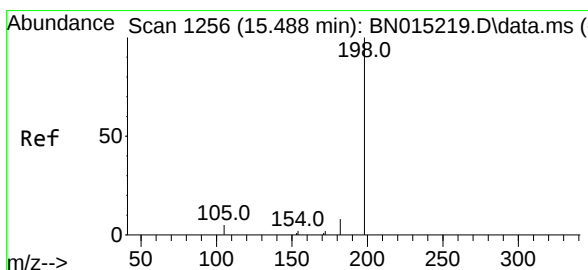
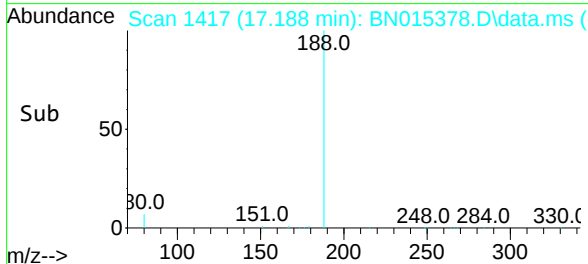
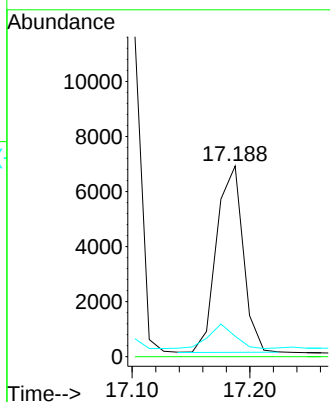
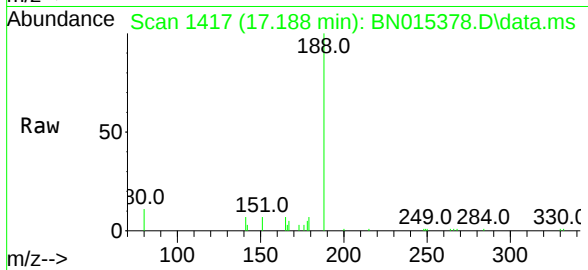




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.109 min
Lab File: BN015378.D
Acq: 07 Jul 2021 17:48

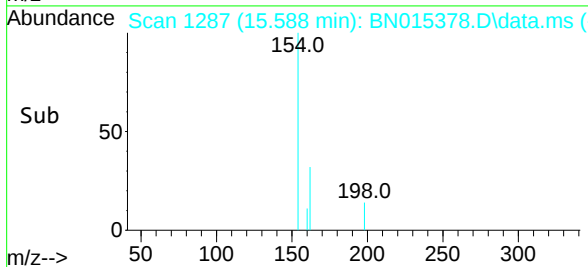
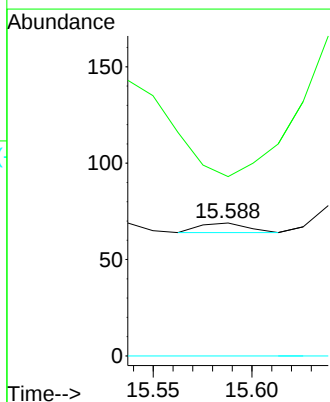
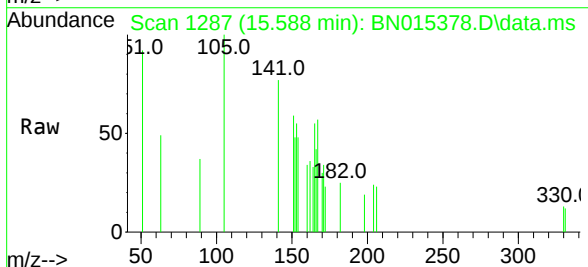
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MW-09-1.5-6.5-070121

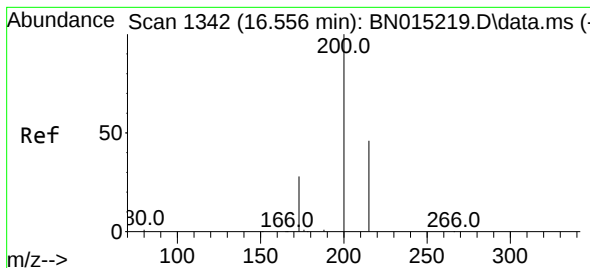
Tgt Ion:188	Resp:	10621
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.7	9.0
		13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.234 ng
RT: 15.588 min Scan# 1287
Delta R.T. 0.114 min
Lab File: BN015378.D
Acq: 07 Jul 2021 17:48

Tgt Ion:198	Resp:	8
Ion Ratio	Lower	Upper
198	100	
182	134.8	34.5
77	0.0	0.0
		51.7#





#23

Atrazine

Concen: 0.212 ng

RT: 16.737 min Scan# 1380

Delta R.T. 0.194 min

Lab File: BN015378.D

Acq: 07 Jul 2021 17:48

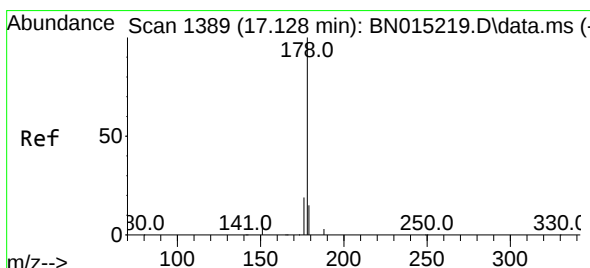
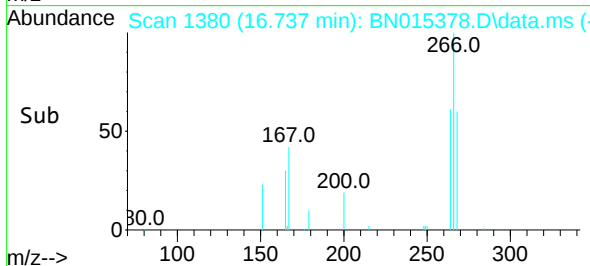
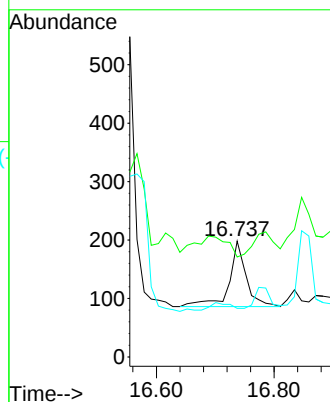
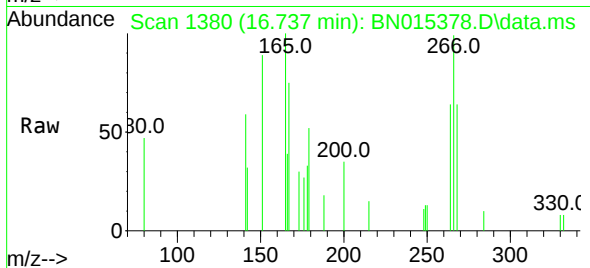
Instrument :

BNA_N

ClientSampleId :

MW-09-1.5-6.5-070121

Tgt Ion:	200	Resp:	227
Ion Ratio	Lower	Upper	
200	100		
173	86.4	21.7	32.5#
215	41.9	43.1	64.7#



#25

Phenanthrene

Concen: 0.215 ng

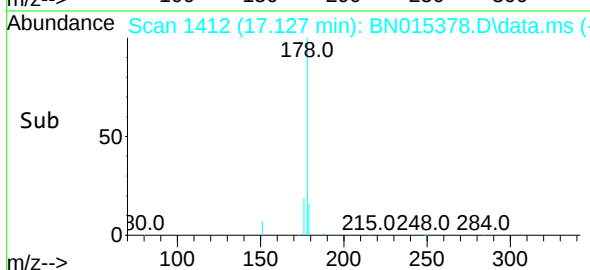
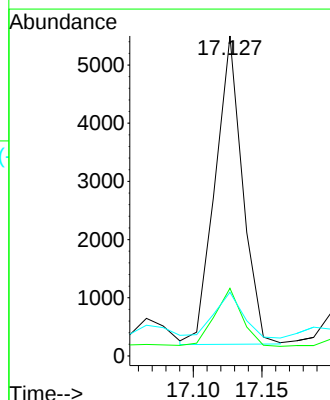
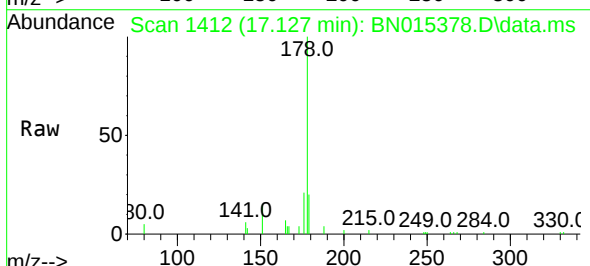
RT: 17.127 min Scan# 1412

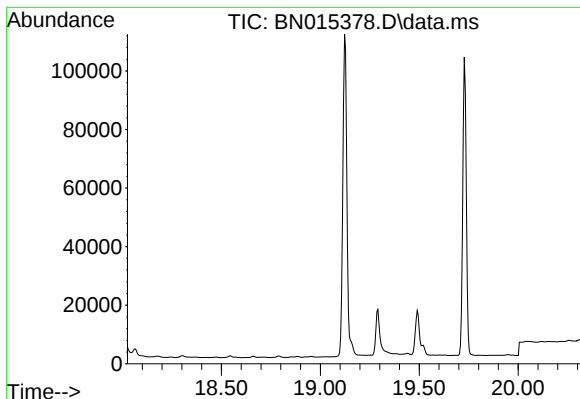
Delta R.T. -0.000 min

Lab File: BN015378.D

Acq: 07 Jul 2021 17:48

Tgt Ion:	178	Resp:	7367
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.6	23.4
179	16.5	12.1	18.1

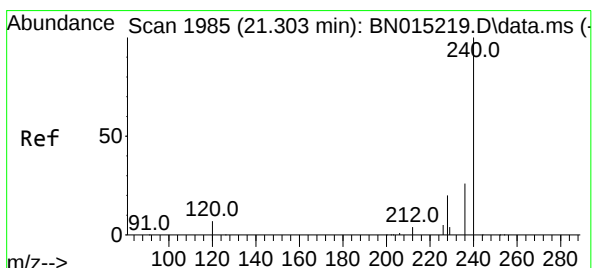
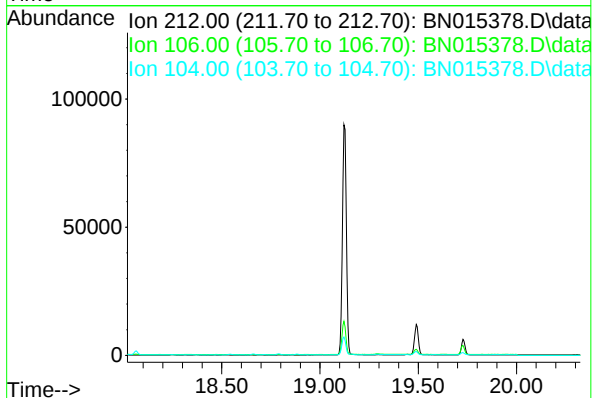




#27
 Fluoranthene-d10
 Concen: 0.000 ng
 Expected RT: 19.12 min
 Lab File: BN015378.D
 Acq: 07 Jul 2021 17:48

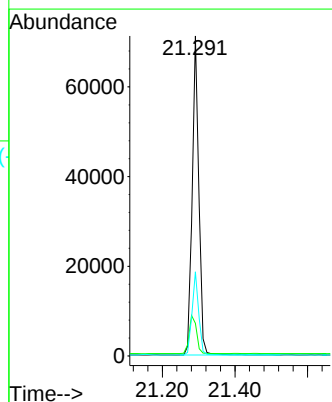
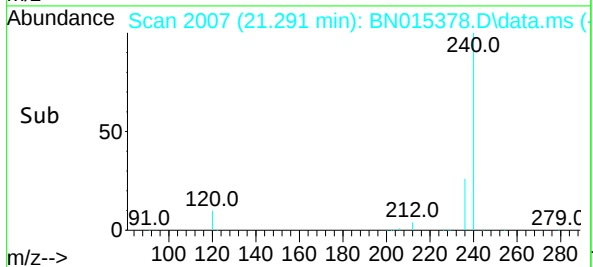
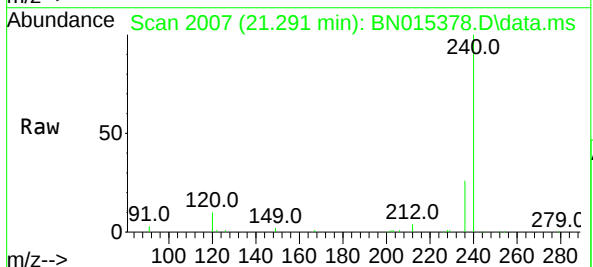
Instrument :
 BNA_N
 ClientSampleId :
 MW-09-1.5-6.5-070121

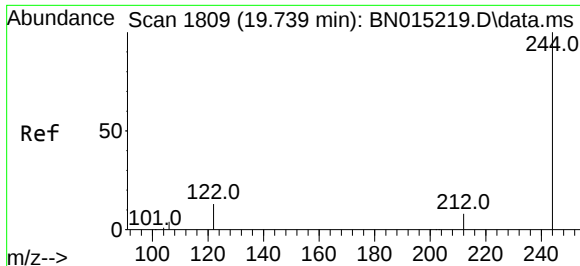
Tgt Ion: 212
 Sig Exp Ratio
 212 100
 106 8.8
 104 5.1



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.291 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: BN015378.D
 Acq: 07 Jul 2021 17:48

Tgt Ion: 240 Resp: 90047
 Ion Ratio Lower Upper
 240 100
 120 10.2 4.2 6.4#
 236 26.3 21.4 32.2

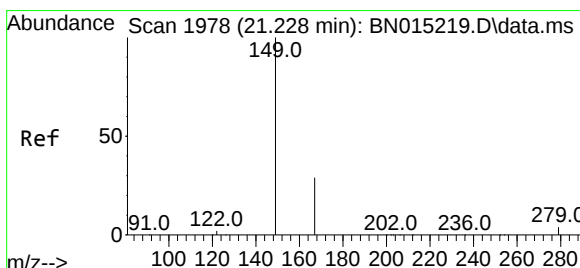
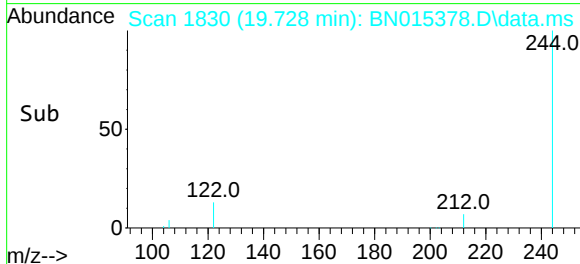
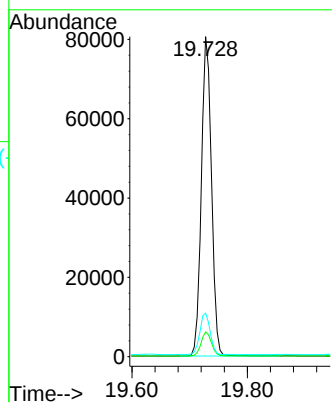
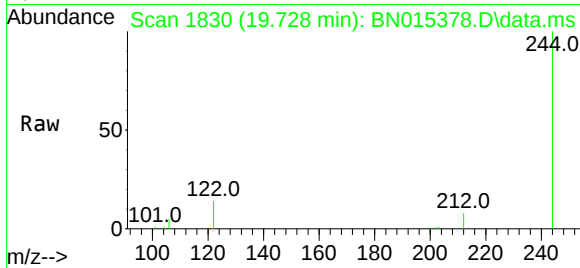




#31
 Terphenyl-d14
 Concen: 0.467 ng
 RT: 19.728 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: BN015378.D
 Acq: 07 Jul 2021 17:48

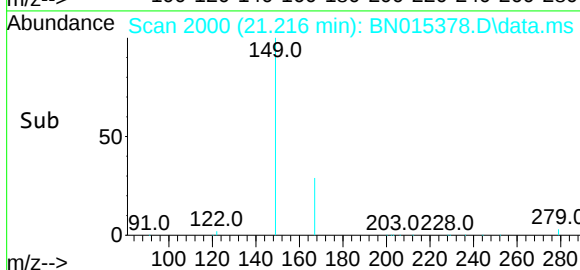
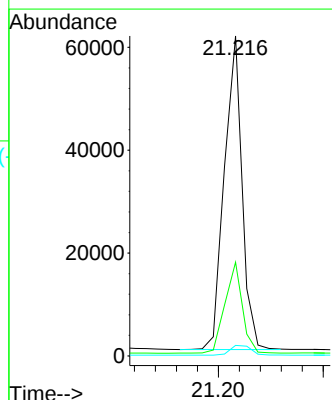
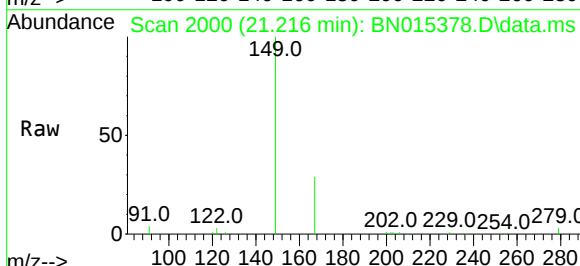
Instrument :
 BNA_N
 ClientSampleId :
 MW-09-1.5-6.5-070121

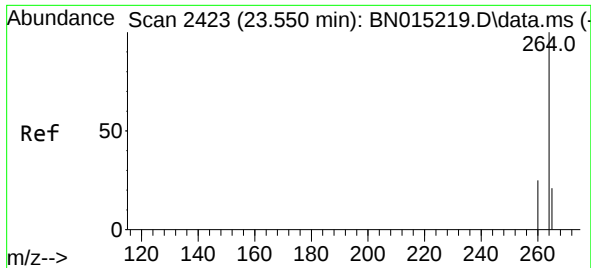
Tgt Ion:244 Resp: 98313
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 13.6 6.2 9.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.767 ng
 RT: 21.216 min Scan# 2000
 Delta R.T. 0.010 min
 Lab File: BN015378.D
 Acq: 07 Jul 2021 17:48

Tgt Ion:149 Resp: 71453
 Ion Ratio Lower Upper
 149 100
 167 28.4 28.9 43.3#
 279 3.7 4.9 7.3#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.539 min Scan# 2443

Delta R.T. 0.010 min

Lab File: BN015378.D

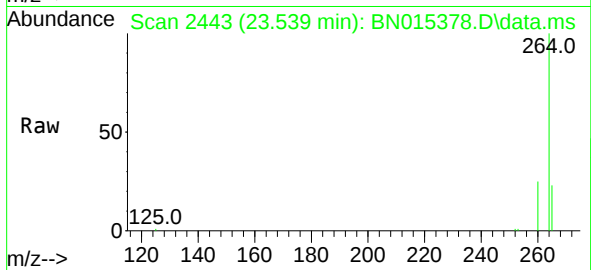
Acq: 07 Jul 2021 17:48

Instrument :

BNA_N

ClientSampleId :

MW-09-1.5-6.5-070121



Tgt Ion:264 Resp: 88925

Ion Ratio Lower Upper

264 100

260 24.8 20.6 31.0

265 22.7 21.4 32.2

