

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
 Data File : BN019258.D
 Acq On : 31 Mar 2022 17:40
 Operator : CG/JU
 Sample : N2176-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT-156-IDWSO-20220329-1

Quant Time: Mar 31 18:09:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 12:41:03 2022
 Response via : Initial Calibration

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

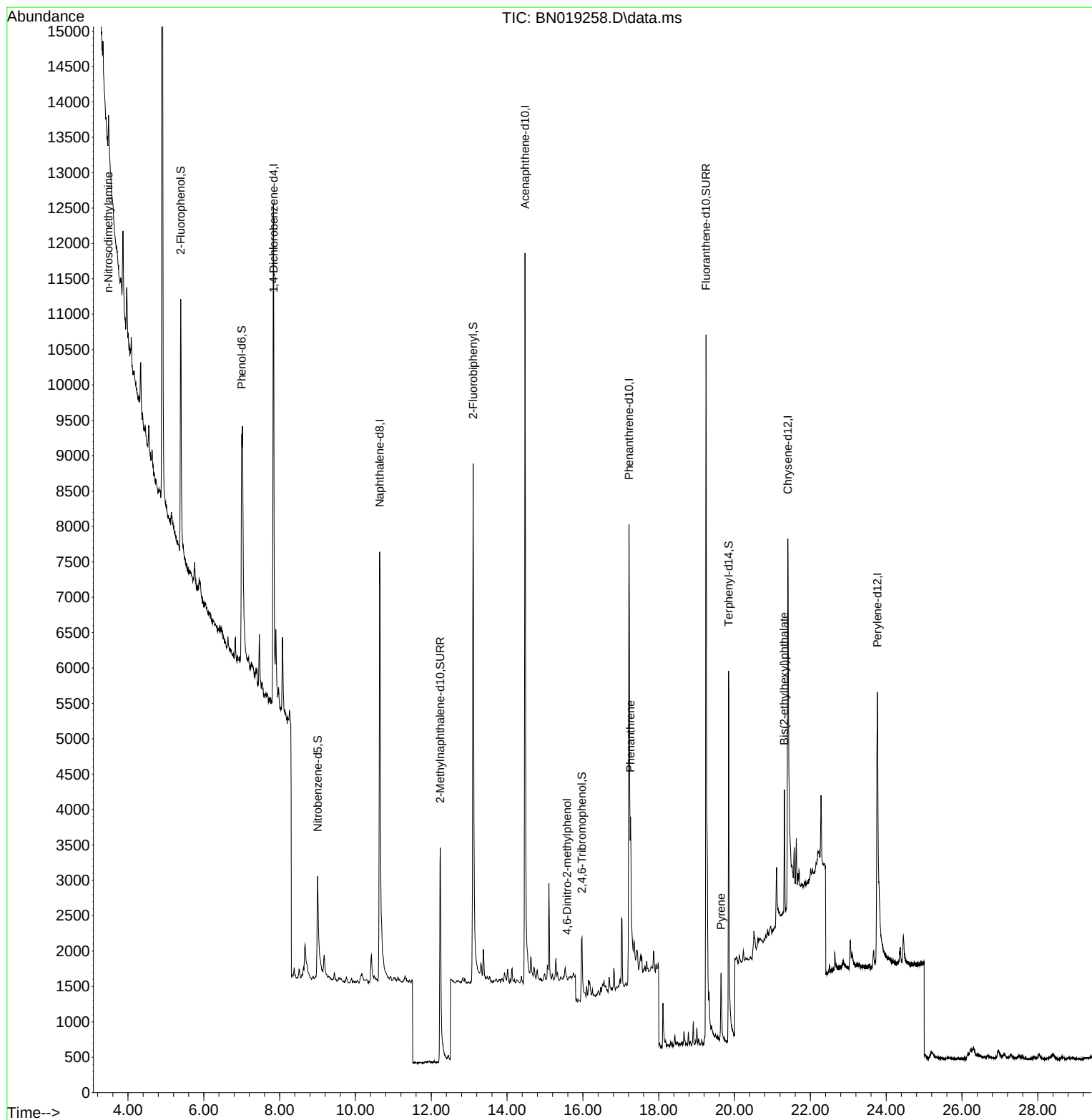
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4116	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	10882	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	6587	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	13001	0.400	ng	0.00
29) Chrysene-d12	21.404	240	9261	0.400	ng	# 0.00
35) Perylene-d12	23.767	264	8310	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	3388	0.376	ng	0.00
5) Phenol-d6	7.002	99	3469	0.363	ng	0.00
8) Nitrobenzene-d5	9.003	82	2159	0.276	ng	0.01
11) 2-Methylnaphthalene-d10	12.234	152	5977	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	769	0.249	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	8302	0.314	ng	0.00
27) Fluoranthene-d10	19.249	212	14597	0.374	ng	0.00
31) Terphenyl-d14	19.843	244	7758	0.377	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.485	42	183	0.032	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.586	198	3	0.092	ng	# 1
25) Phenanthrene	17.256	178	2105	0.051	ng	97
30) Pyrene	19.641	202	1126	0.025	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.315	149	1640	0.085	ng	# 97

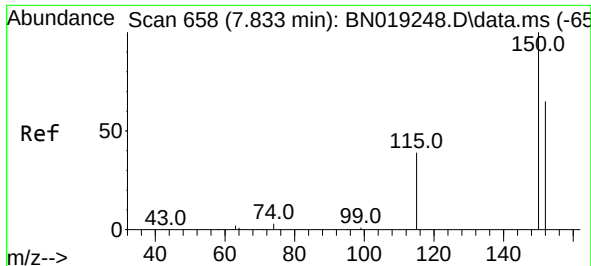
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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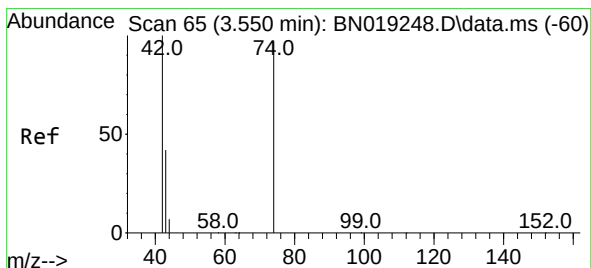
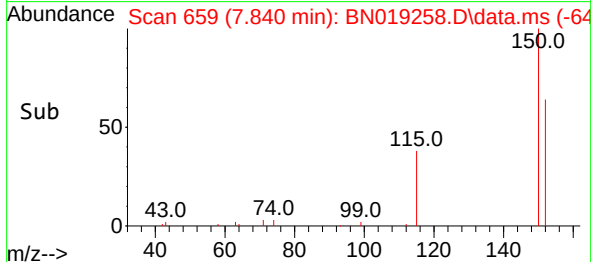
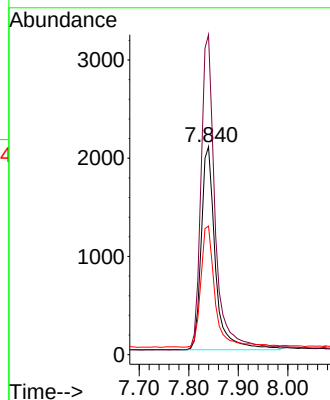
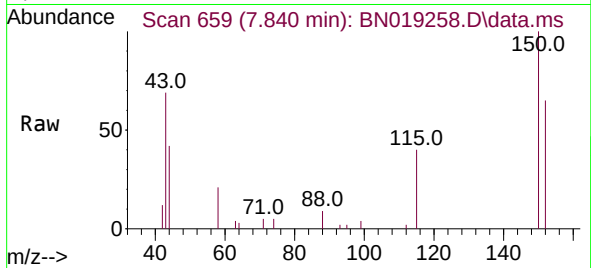




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

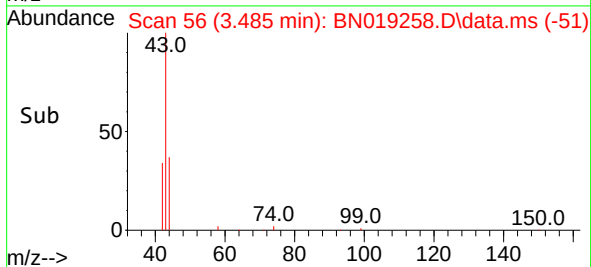
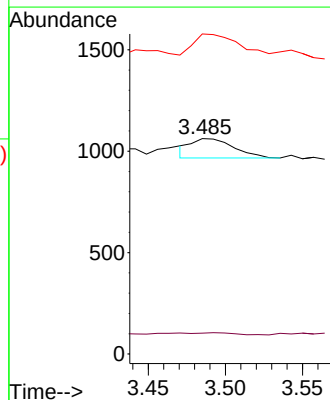
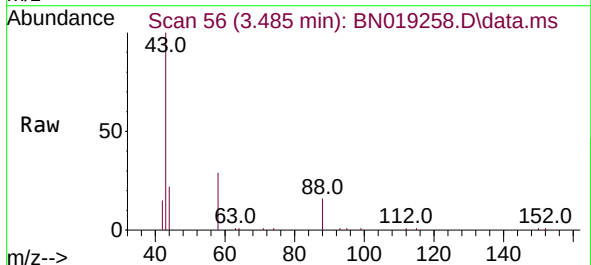
Instrument :
BNA_N
ClientSampleId :
TT-156-IDWSO-20220329-1

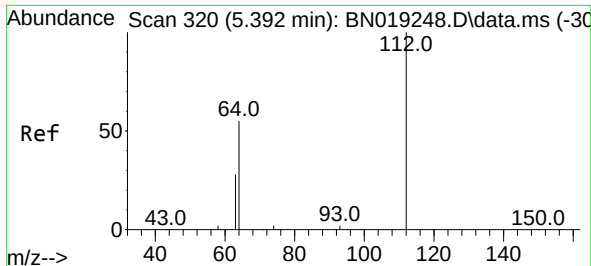
Tgt Ion:152 Resp: 4116
Ion Ratio Lower Upper
152 100
150 153.9 123.9 185.9
115 61.9 48.2 72.4



#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.485 min Scan# 56
Delta R.T. -0.065 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

Tgt Ion: 42 Resp: 183
Ion Ratio Lower Upper
42 100
74 9.3 96.9 145.3#
44 109.8 7.3 10.9#

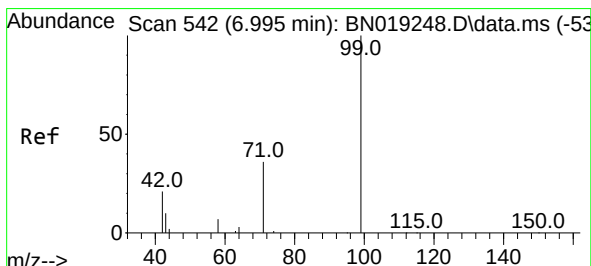
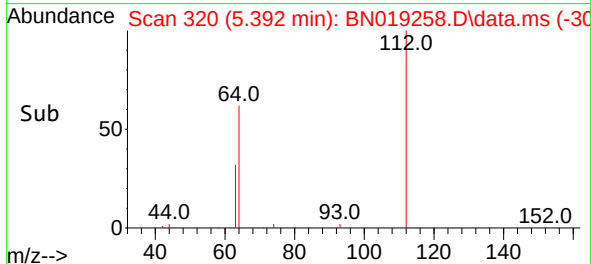
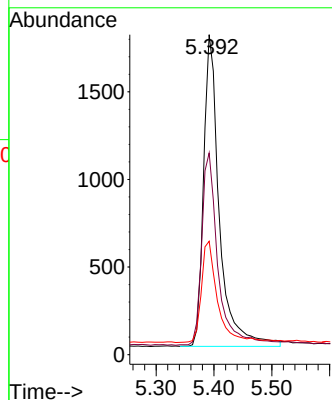
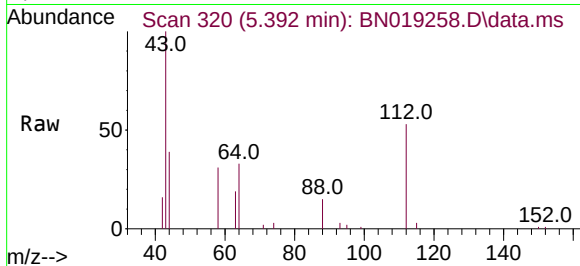




#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

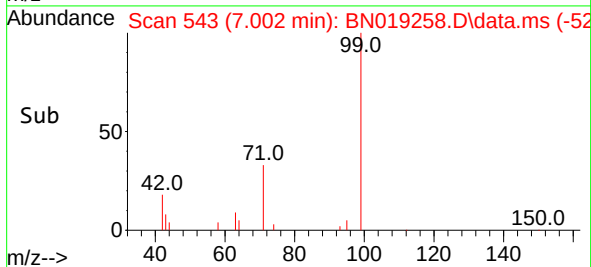
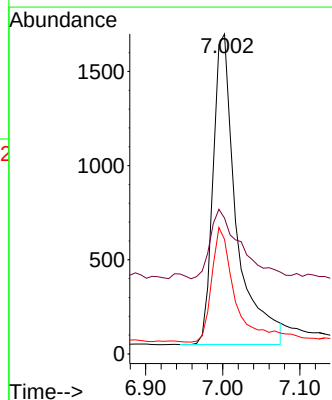
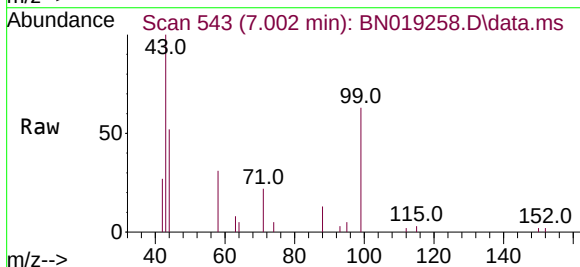
Instrument :
BNA_N
ClientSampleId :
TT-156-IDWSO-20220329-1

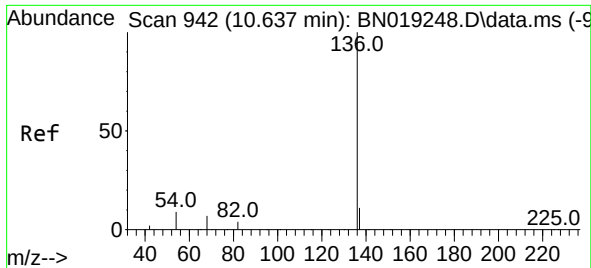
Tgt Ion:112 Resp: 3388
Ion Ratio Lower Upper
112 100
64 63.8 47.8 71.8
63 33.6 25.7 38.5



#5
Phenol-d6
Concen: 0.363 ng
RT: 7.002 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

Tgt Ion: 99 Resp: 3469
Ion Ratio Lower Upper
99 100
42 28.9 16.2 24.4#
71 36.6 27.7 41.5

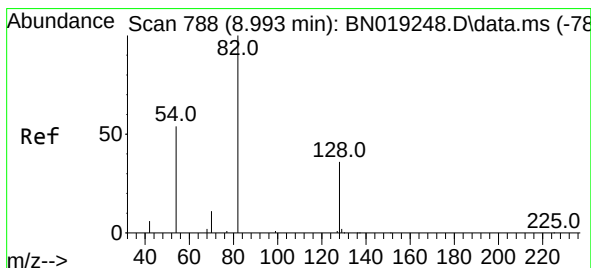
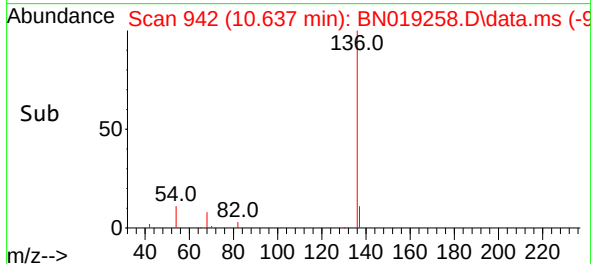
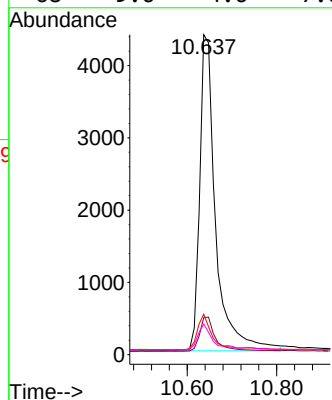
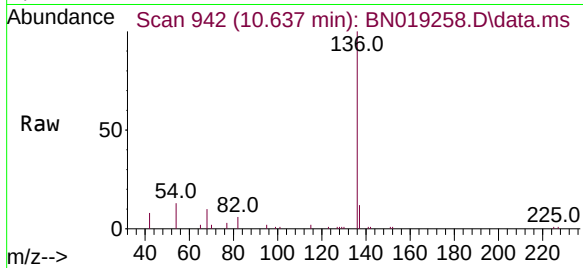




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

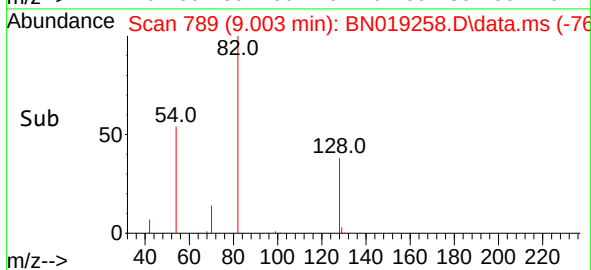
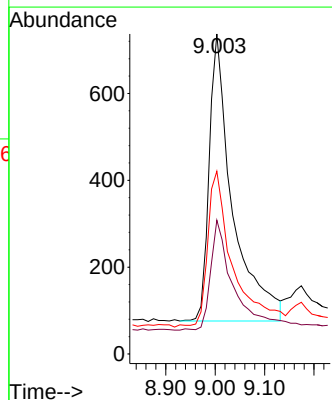
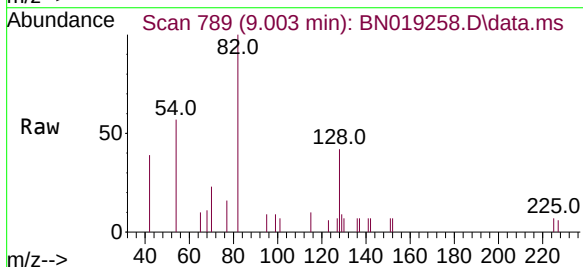
Instrument :
BNA_N
ClientSampleId :
TT-156-IDWSO-20220329-1

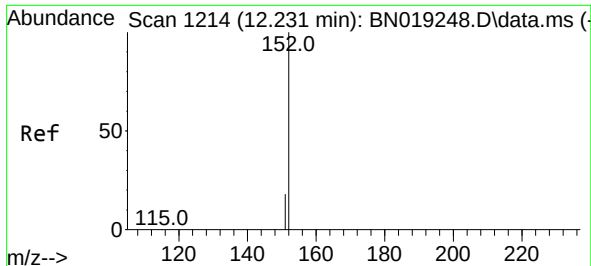
Tgt Ion:	136	Resp:	10882
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.4
54	12.6	5.8	8.6#
68	9.6	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.011 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

Tgt Ion:	82	Resp:	2159
Ion Ratio	Lower	Upper	
82	100		
128	41.8	33.0	49.6
54	57.1	42.5	63.7

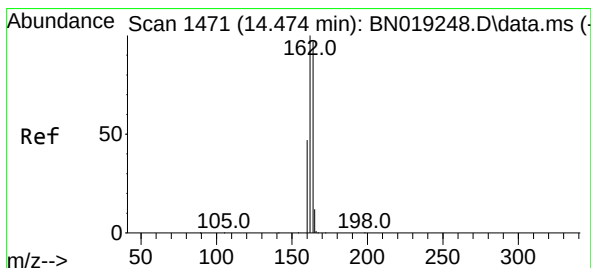
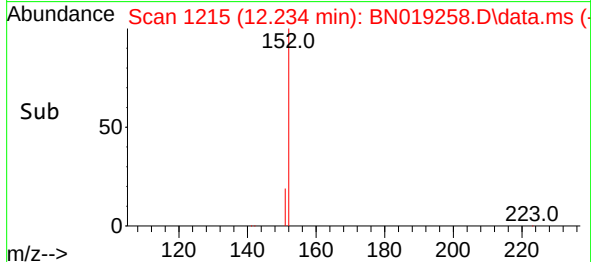
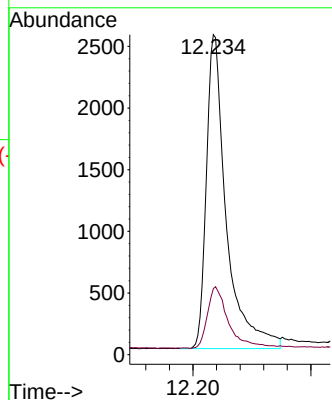
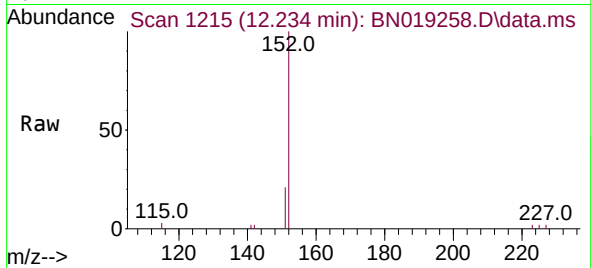




#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.234 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

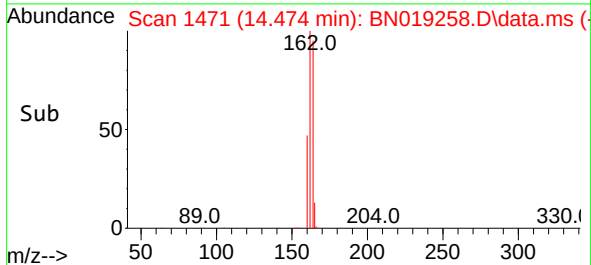
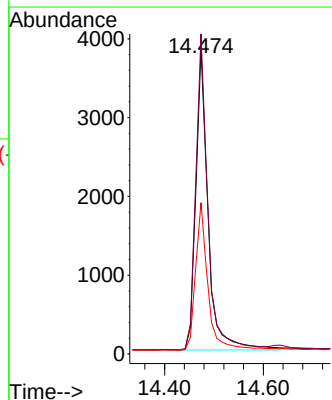
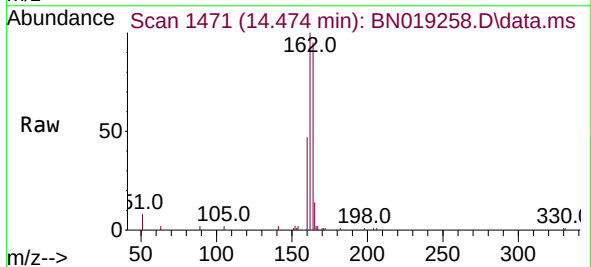
Instrument :
BNA_N
ClientSampleId :
TT-156-IDWSO-20220329-1

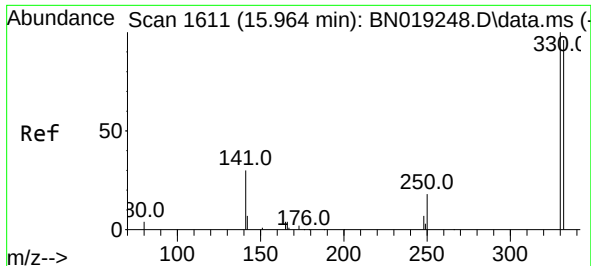
Tgt Ion:152 Resp: 5977
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

Tgt Ion:164 Resp: 6587
Ion Ratio Lower Upper
164 100
162 104.9 85.2 127.8
160 49.6 41.5 62.3

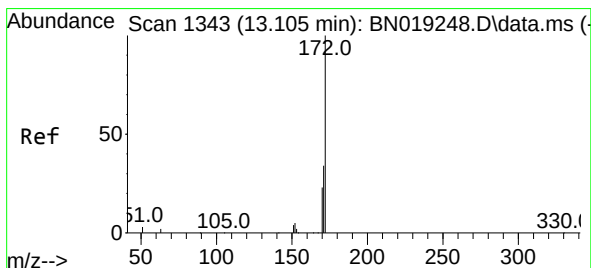
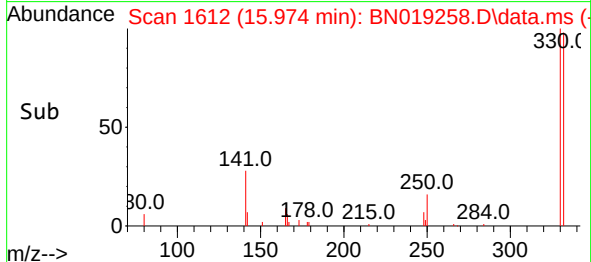
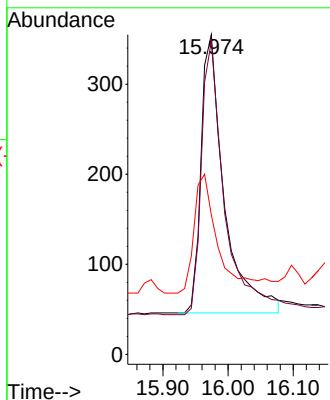
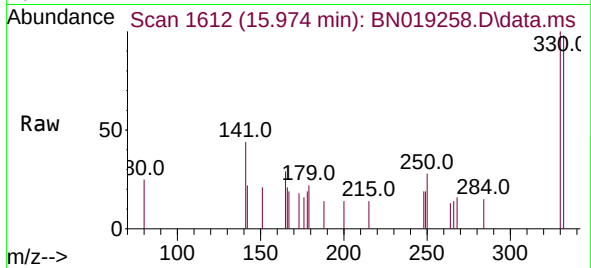




#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 15.974 min Scan# 1612
Delta R.T. 0.010 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

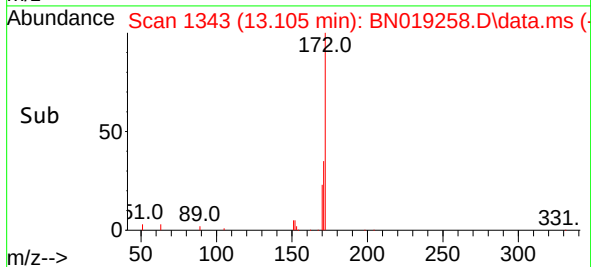
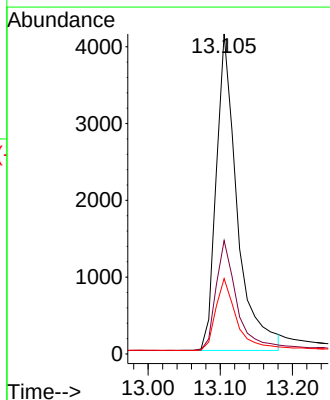
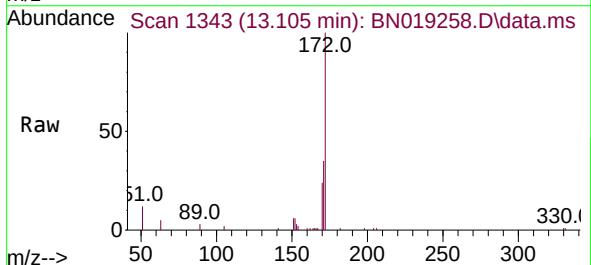
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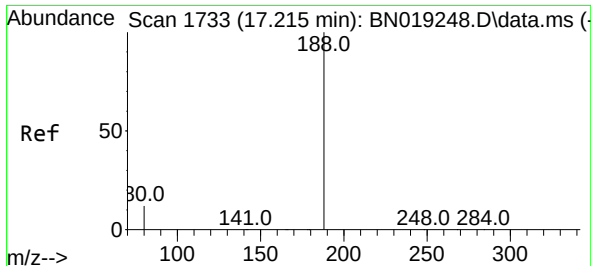
Tgt Ion:330 Resp: 769
Ion Ratio Lower Upper
330 100
332 98.0 76.8 115.2
141 46.2 32.2 48.2



#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

Tgt Ion:172 Resp: 8302
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.6 18.7 28.1

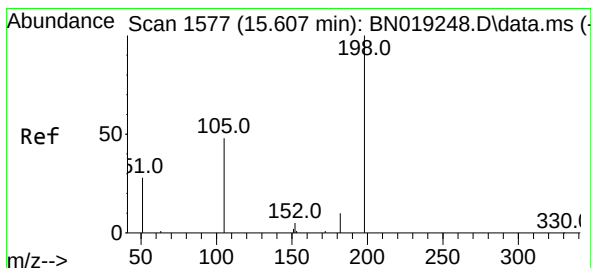
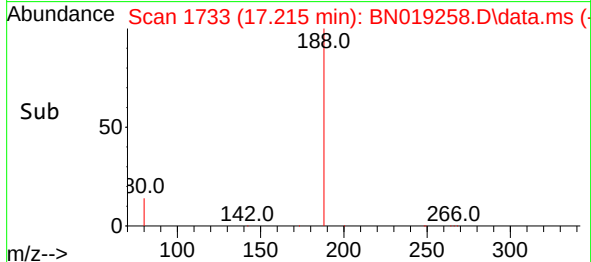
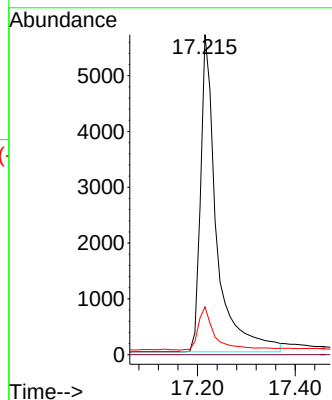
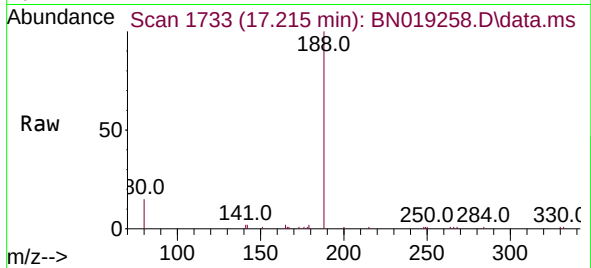




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

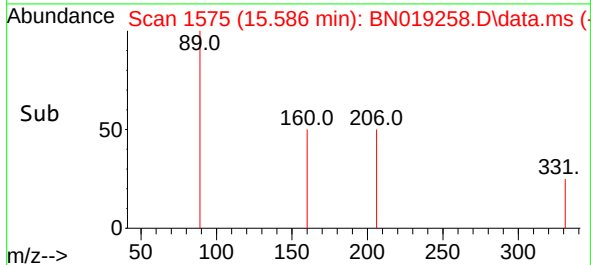
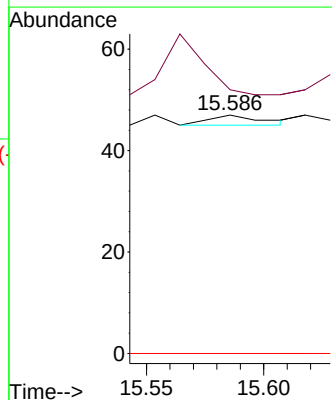
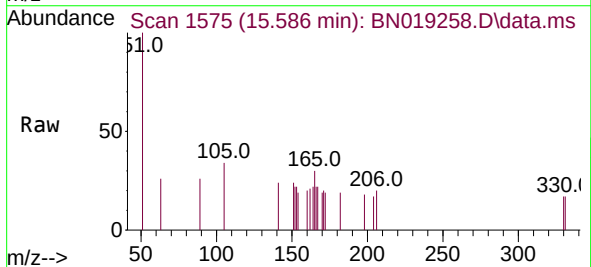
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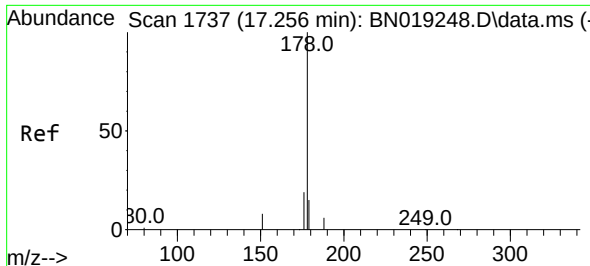
Tgt Ion:188 Resp: 13001
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 11.8 17.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.092 ng
RT: 15.586 min Scan# 1575
Delta R.T. -0.021 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 110.6 13.0 19.4#
77 0.0 0.0 0.0

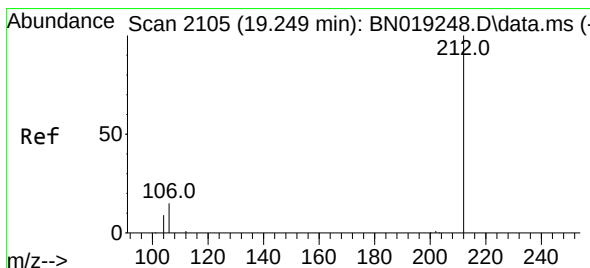
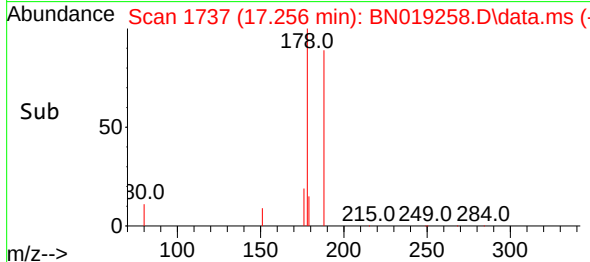
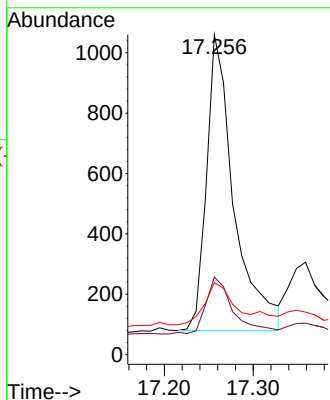
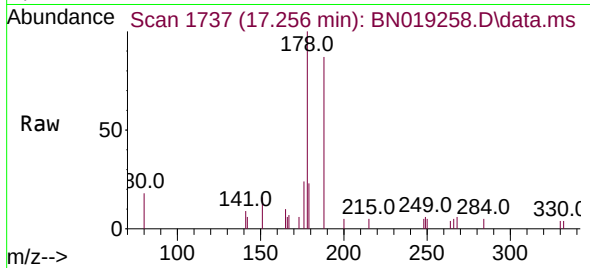




#25
Phenanthrene
Concen: 0.051 ng
RT: 17.256 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

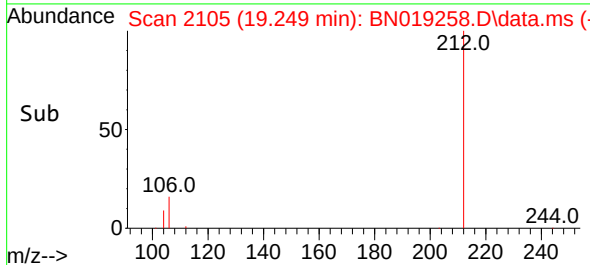
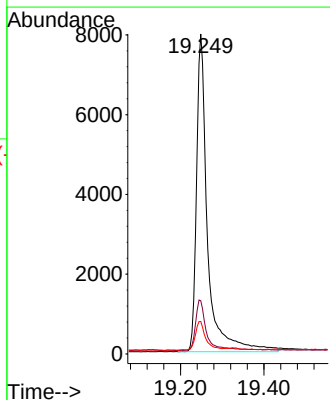
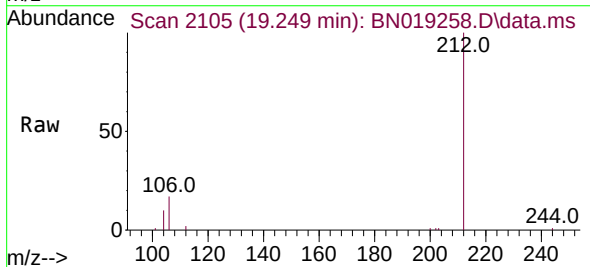
Instrument :
BNA_N
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TT-156-IDWSO-20220329-1

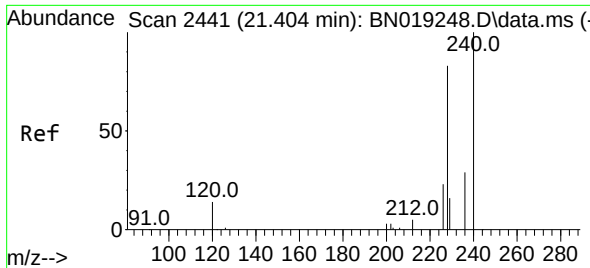
Tgt Ion:	178	Resp:	2105
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	17.8	12.2	18.2



#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.249 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

Tgt Ion:	212	Resp:	14597
Ion	Ratio	Lower	Upper
212	100		
106	16.2	12.7	19.1
104	8.1	7.1	10.7

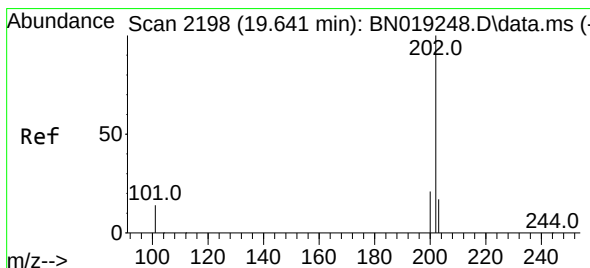
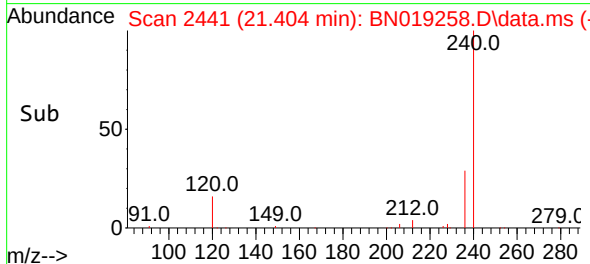
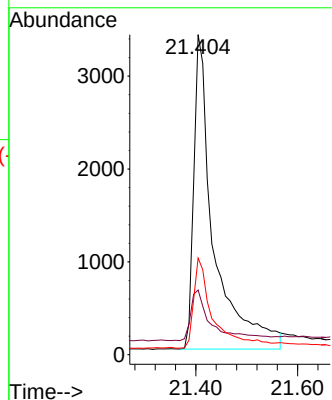
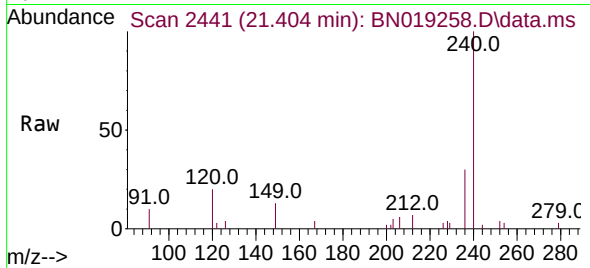




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

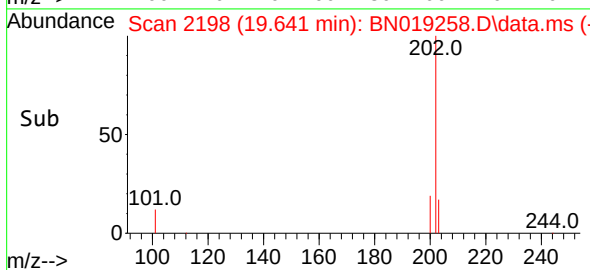
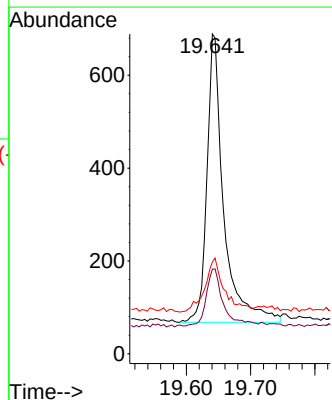
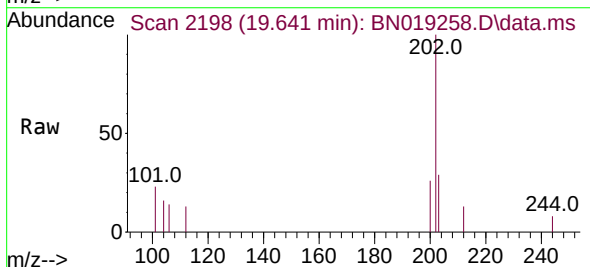
Instrument :
BNA_N
ClientSampleId :
TT-156-IDWSO-20220329-1

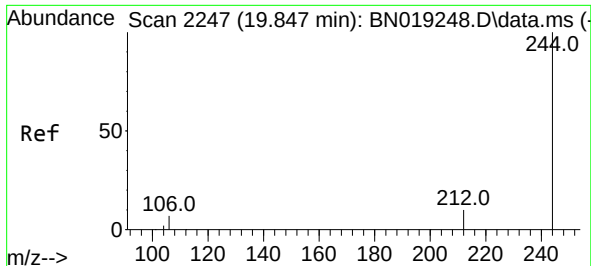
Tgt Ion:240 Resp: 9261
Ion Ratio Lower Upper
240 100
120 20.2 8.5 12.7#
236 30.2 22.4 33.6



#30
Pyrene
Concen: 0.025 ng
RT: 19.641 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

Tgt Ion:202 Resp: 1126
Ion Ratio Lower Upper
202 100
200 20.0 16.9 25.3
203 21.8 14.2 21.2#

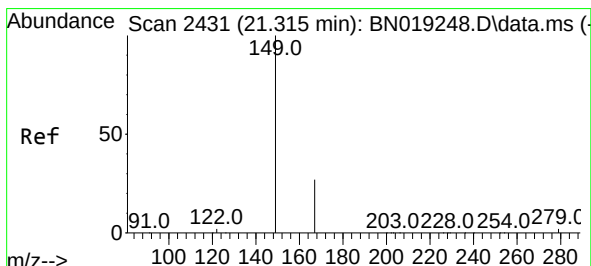
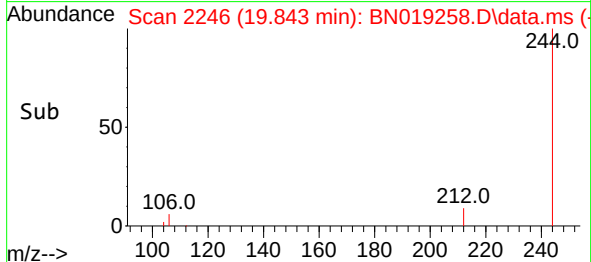
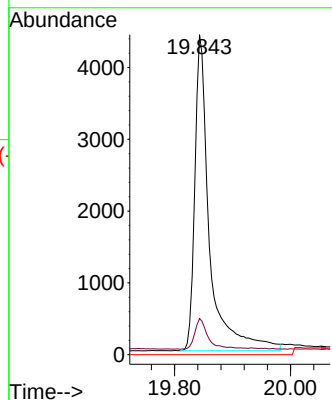
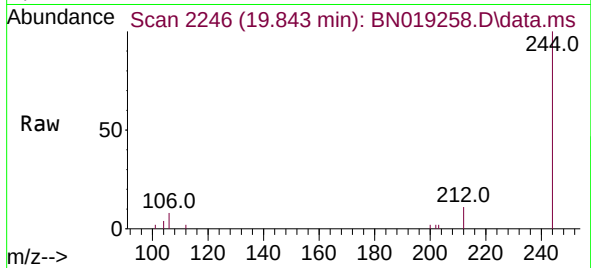




#31
Terphenyl-d14
Concen: 0.377 ng
RT: 19.843 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

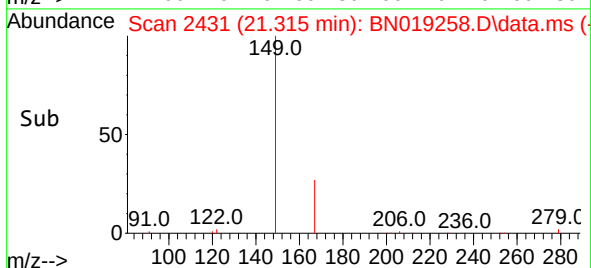
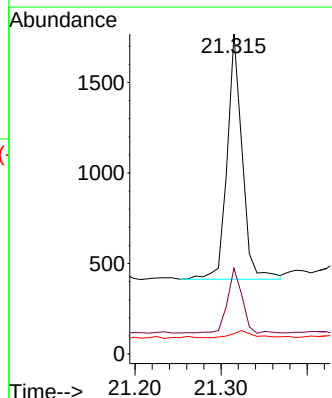
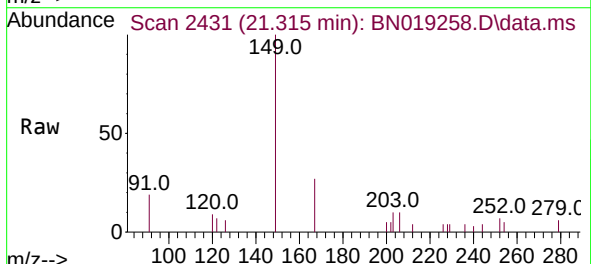
Instrument :
BNA_N
ClientSampleId :
TT-156-IDWSO-20220329-1

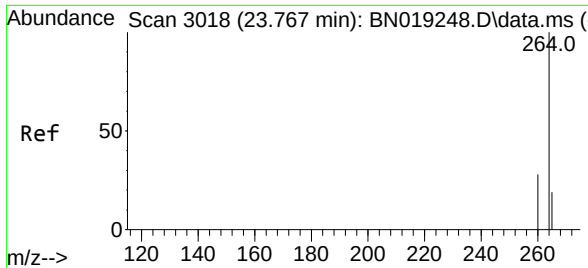
Tgt Ion:244 Resp: 7758
Ion Ratio Lower Upper
244 100
212 11.3 8.2 12.4
122 0.0 0.0 0.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.085 ng
RT: 21.315 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN019258.D
Acq: 31 Mar 2022 17:40

Tgt Ion:149 Resp: 1640
Ion Ratio Lower Upper
149 100
167 25.7 21.8 32.8
279 4.3 2.0 3.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.767 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN019258.D
 Acq: 31 Mar 2022 17:40

Instrument :
 BNA_N
 ClientSampleId :
 TT-156-IDWSO-20220329-1

Tgt Ion:264	Resp:	8310
Ion	Ratio	Lower Upper
264	100	
260	28.2	22.4 33.6
265	50.0	25.3 37.9#

