

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027307.D
 Acq On : 31 Aug 2023 13:15
 Operator : MA/JU
 Sample : 04207-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 31 18:12:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

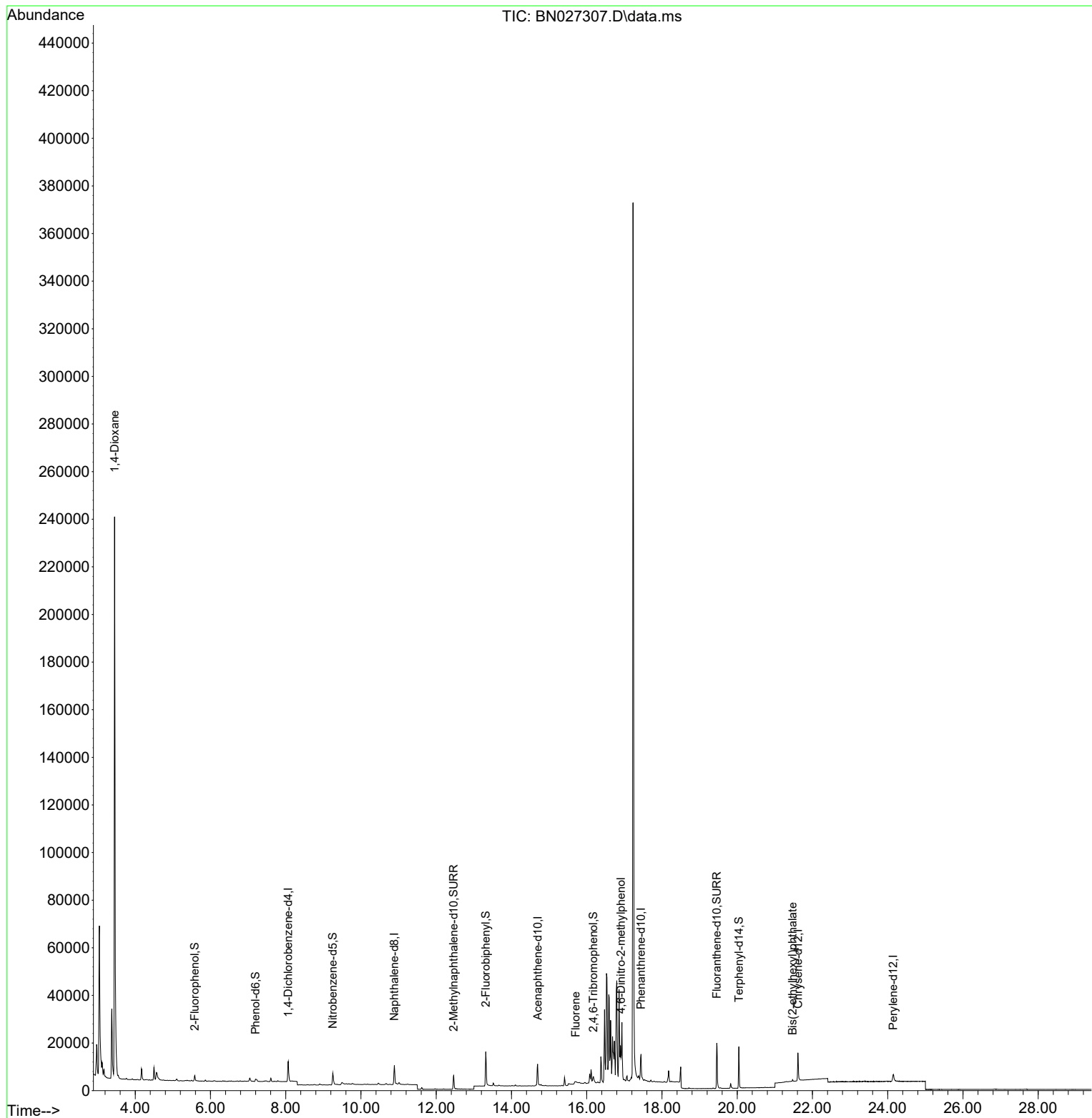
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	4270	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	11857	0.400	ng	-0.01
13) Acenaphthene-d10	14.694	164	6134	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	18220	0.400	ng	# 0.00
29) Chrysene-d12	21.614	240	12197	0.400	ng	0.00
35) Perylene-d12	24.148	264	5739	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	2030	0.182	ng	0.00
5) Phenol-d6	7.199	99	991	0.073	ng	0.00
8) Nitrobenzene-d5	9.251	82	4454	0.515	ng	-0.01
11) 2-Methylnaphthalene-d10	12.460	152	8174	0.469	ng	-0.01
14) 2,4,6-Tribromophenol	16.177	330	1355	0.597	ng	-0.01
15) 2-Fluorobiphenyl	13.315	172	13868	0.595	ng	-0.01
27) Fluoranthene-d10	19.458	212	22730	0.502	ng	0.00
31) Terphenyl-d14	20.043	244	16559	0.676	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.451	88	165327	31.716	ng	Qvalue 94
18) Fluorene	15.705	166	5065	0.204	ng	# 12
20) 4,6-Dinitro-2-methylph...	16.909	198	19	0.073	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.471	149	818	0.041	ng	# 93

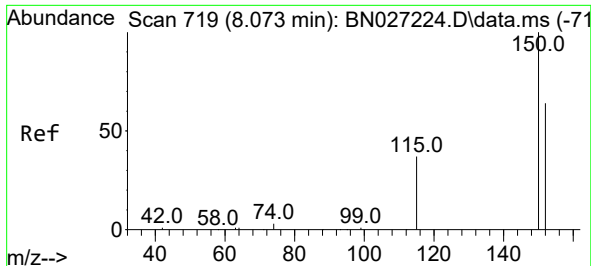
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027307.D
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Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

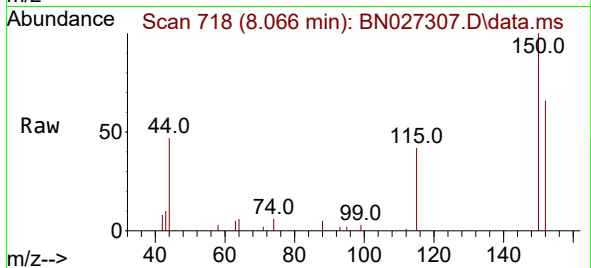
Quant Time: Aug 31 18:12:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



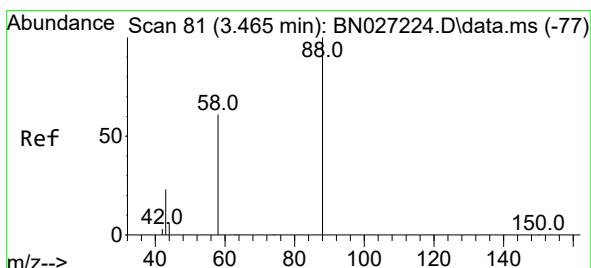
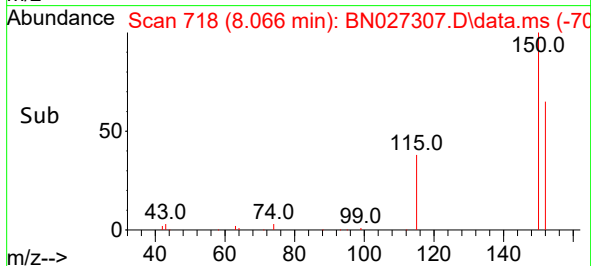
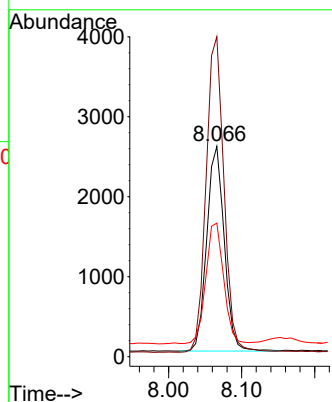


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.066 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027307.D
 Acq: 31 Aug 2023 13:15

Instrument :
 BNA_N
 ClientSampleId :

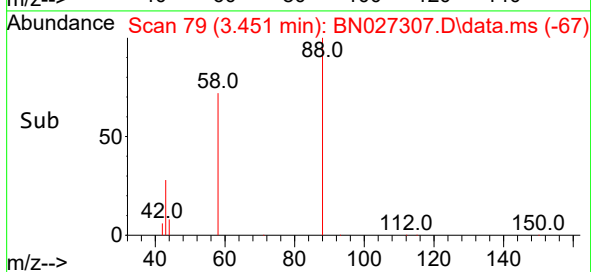
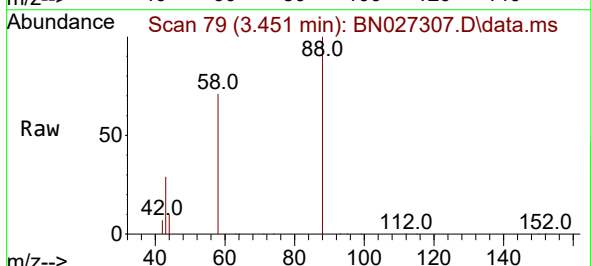
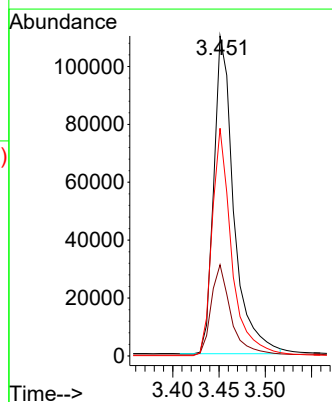


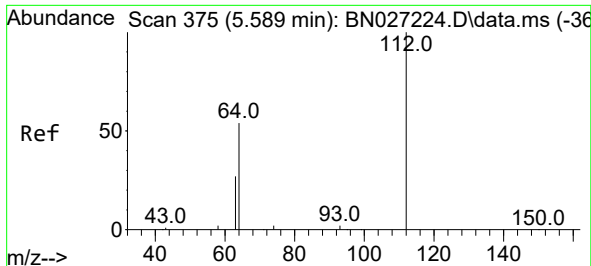
Tgt Ion:152 Resp: 4270
 Ion Ratio Lower Upper
 152 100
 150 152.2 122.7 184.1
 115 63.6 48.6 73.0



#2
 1,4-Dioxane
 Concen: 31.716 ng
 RT: 3.451 min Scan# 79
 Delta R.T. -0.014 min
 Lab File: BN027307.D
 Acq: 31 Aug 2023 13:15

Tgt Ion: 88 Resp: 165327
 Ion Ratio Lower Upper
 88 100
 43 27.9 19.1 28.7
 58 69.4 52.2 78.2

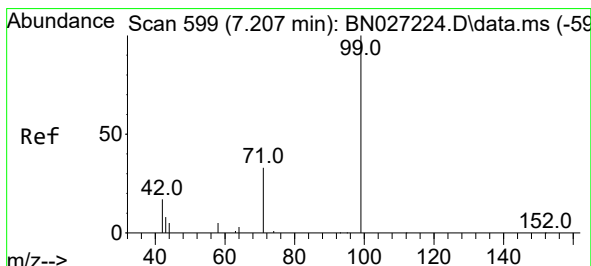
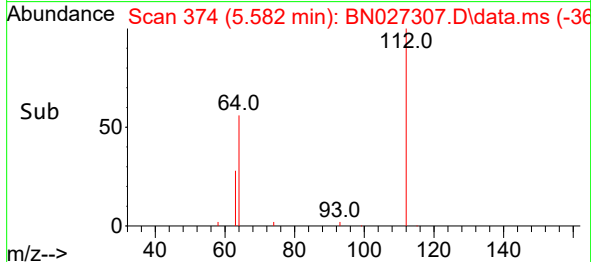
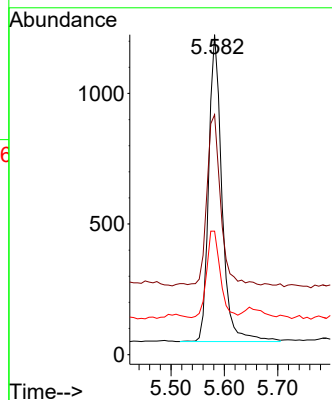
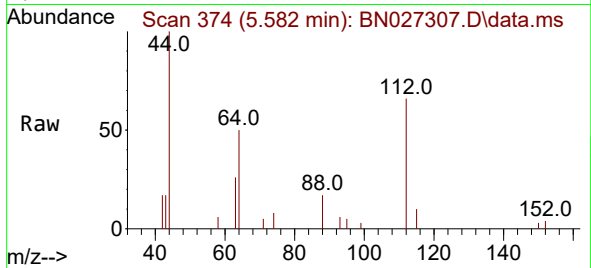




#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.582 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027307.D
Acq: 31 Aug 2023 13:15

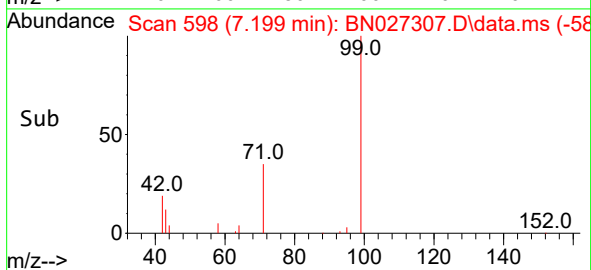
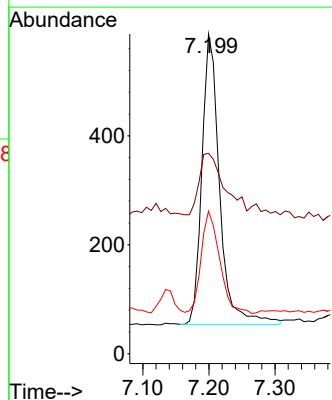
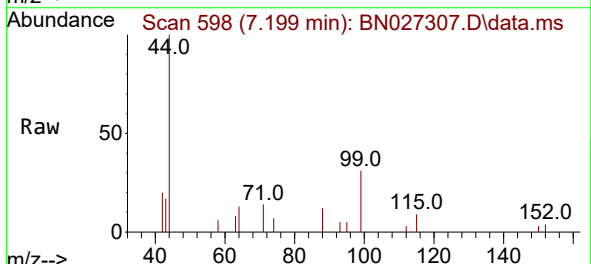
Instrument :
BNA_N
ClientSampleId :

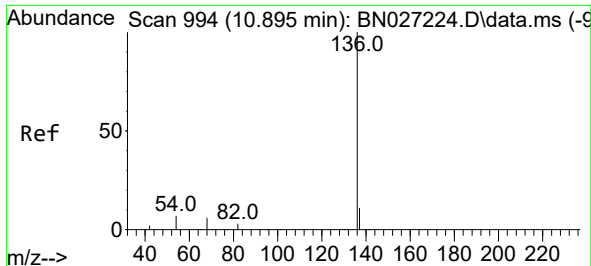
Tgt Ion:112 Resp: 2030
Ion Ratio Lower Upper
112 100
64 56.8 44.4 66.6
63 29.0 23.1 34.7



#5
Phenol-d6
Concen: 0.073 ng
RT: 7.199 min Scan# 598
Delta R.T. -0.007 min
Lab File: BN027307.D
Acq: 31 Aug 2023 13:15

Tgt Ion: 99 Resp: 991
Ion Ratio Lower Upper
99 100
42 30.4 14.5 21.7#
71 36.7 25.8 38.6

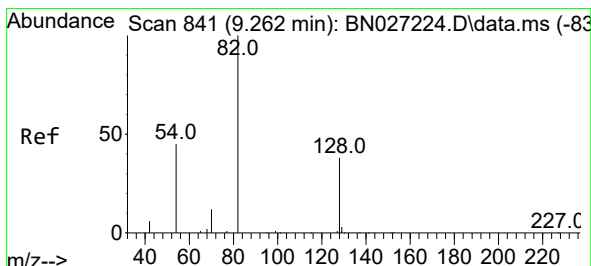
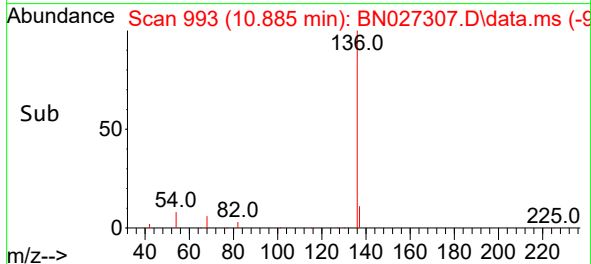
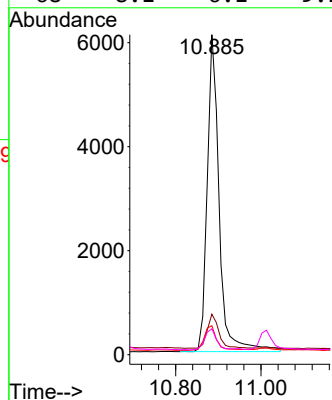
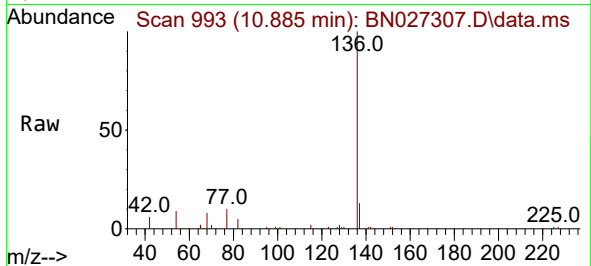




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 994
Delta R.T. -0.011 min
Lab File: BN027307.D
Acq: 31 Aug 2023 13:15

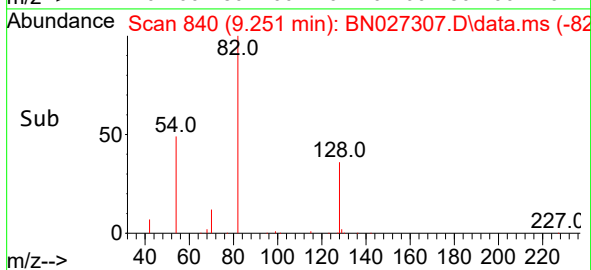
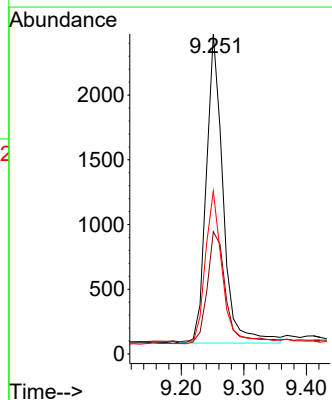
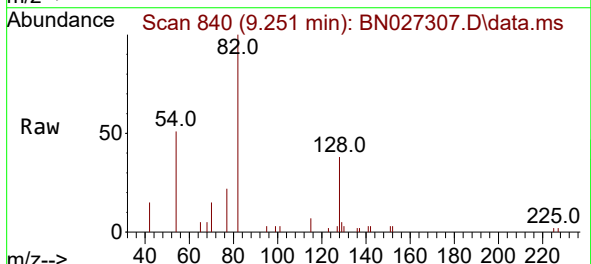
Instrument :
BNA_N
ClientSampleId :

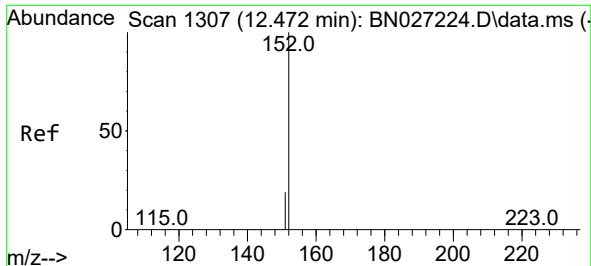
Tgt Ion:	136	Resp:	11857
Ion Ratio	Lower	Upper	
136	100		
137	12.6	9.3	13.9
54	9.1	6.7	10.1
68	8.1	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.515 ng
RT: 9.251 min Scan# 840
Delta R.T. -0.011 min
Lab File: BN027307.D
Acq: 31 Aug 2023 13:15

Tgt Ion:	82	Resp:	4454
Ion Ratio	Lower	Upper	
82	100		
128	38.2	33.4	50.0
54	50.9	37.7	56.5

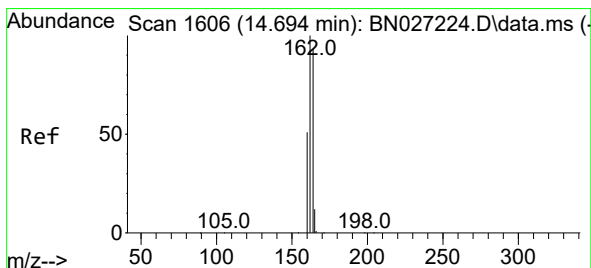
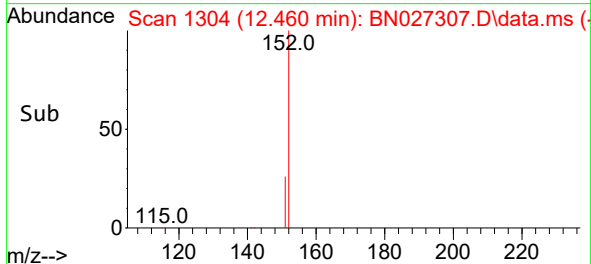
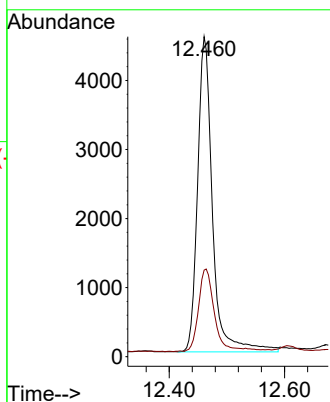
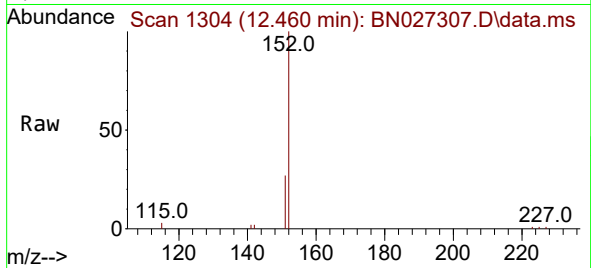




#11
 2-Methylnaphthalene-d10
 Concen: 0.469 ng
 RT: 12.460 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BN027307.D
 Acq: 31 Aug 2023 13:15

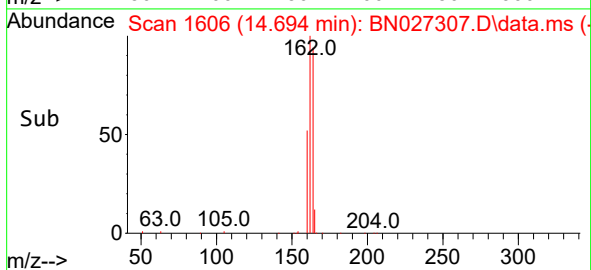
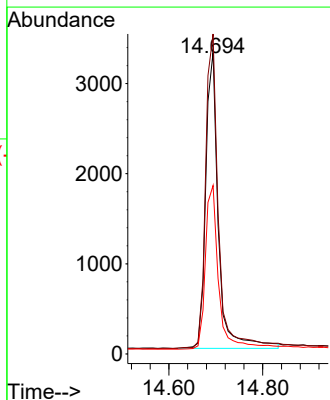
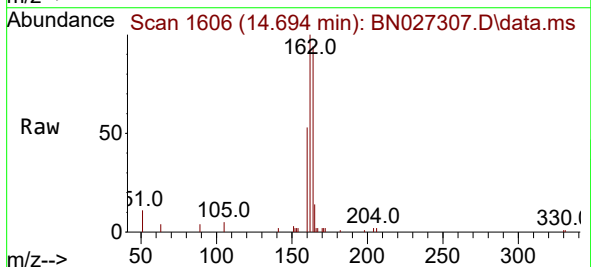
Instrument :
 BNA_N
 ClientSampleId :

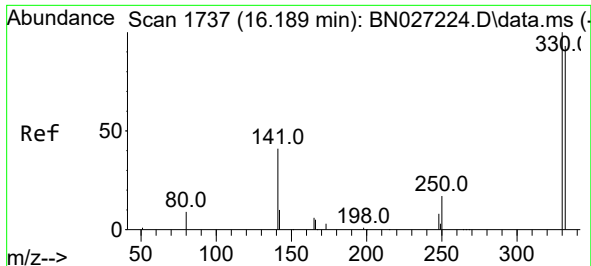
Tgt Ion:152 Resp: 8174
 Ion Ratio Lower Upper
 152 100
 151 27.4 16.6 25.0#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.694 min Scan# 1606
 Delta R.T. 0.000 min
 Lab File: BN027307.D
 Acq: 31 Aug 2023 13:15

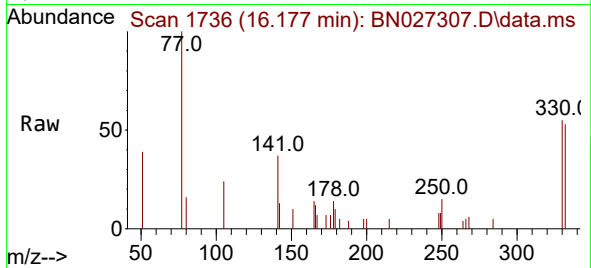
Tgt Ion:164 Resp: 6134
 Ion Ratio Lower Upper
 164 100
 162 106.0 85.8 128.8
 160 55.8 44.2 66.2



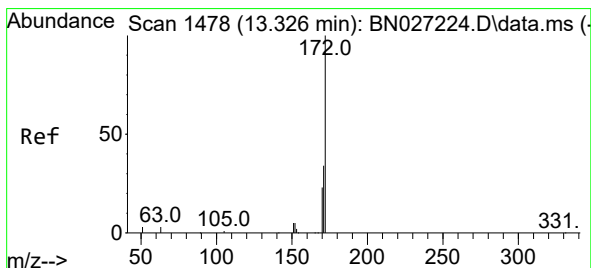
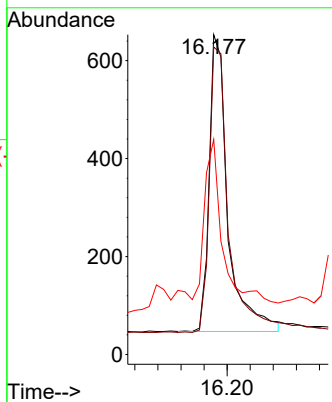
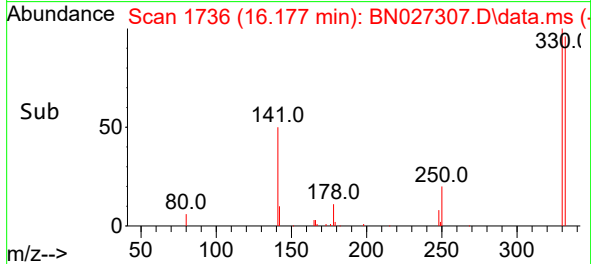


#14
2,4,6-Tribromophenol
Concen: 0.597 ng
RT: 16.177 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BN027307.D
Acq: 31 Aug 2023 13:15

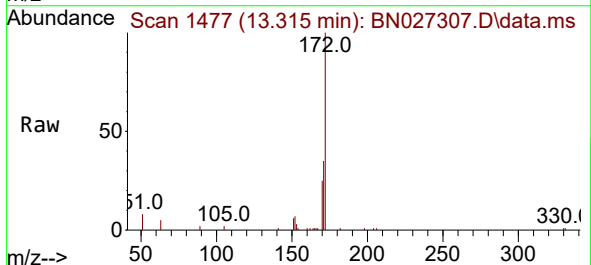
Instrument :
BNA_N
ClientSampleId :



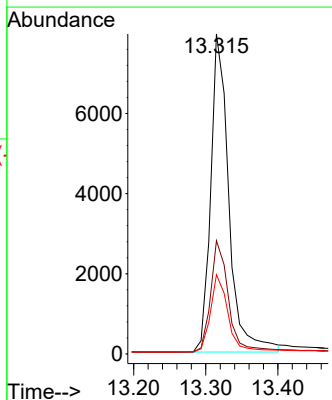
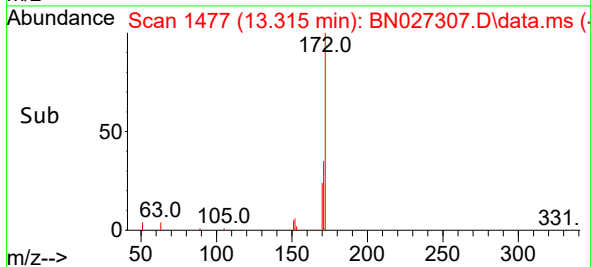
Tgt Ion:330 Resp: 1355
Ion Ratio Lower Upper
330 100
332 99.4 75.2 112.8
141 51.7 36.2 54.4

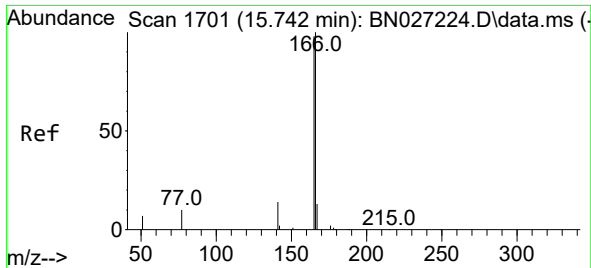


#15
2-Fluorobiphenyl
Concen: 0.595 ng
RT: 13.315 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN027307.D
Acq: 31 Aug 2023 13:15



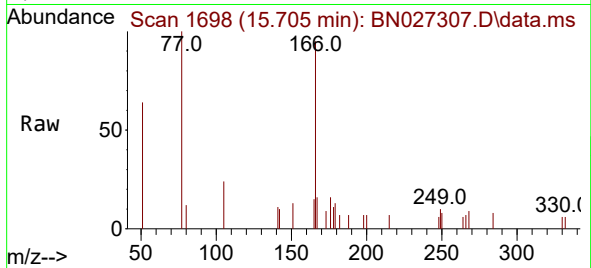
Tgt Ion:172 Resp: 13868
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 24.8 19.3 28.9



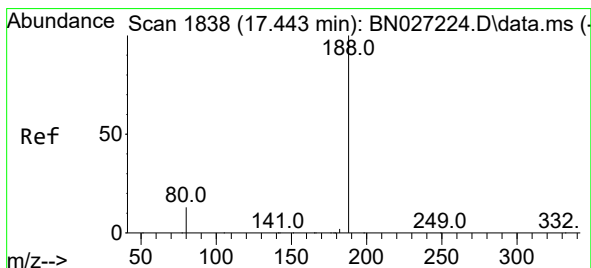
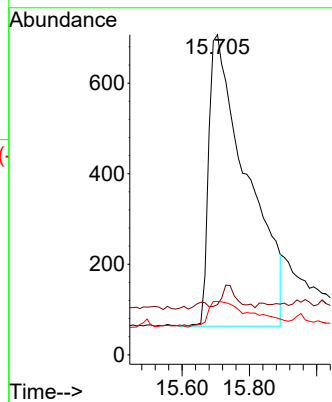
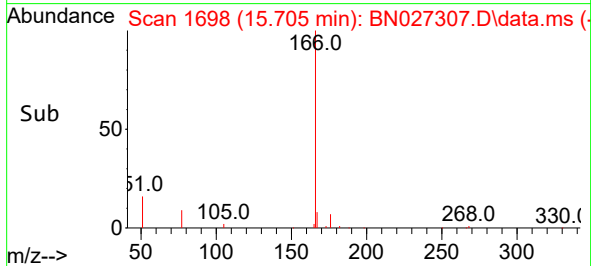


#18
 Fluorene
 Concen: 0.204 ng
 RT: 15.705 min Scan# 1698
 Delta R.T. -0.037 min
 Lab File: BN027307.D
 Acq: 31 Aug 2023 13:15

Instrument :
 BNA_N
 ClientSampleId :

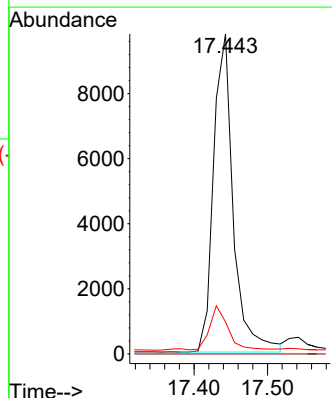
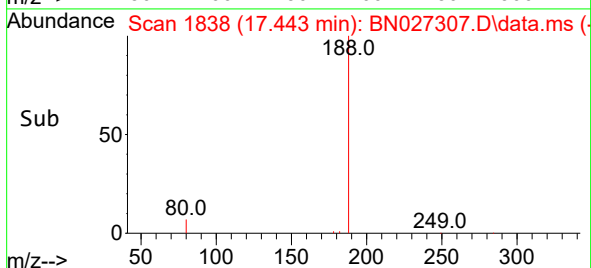
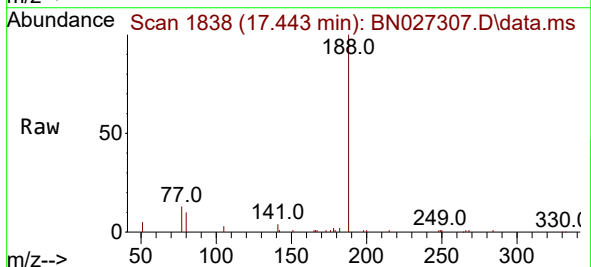


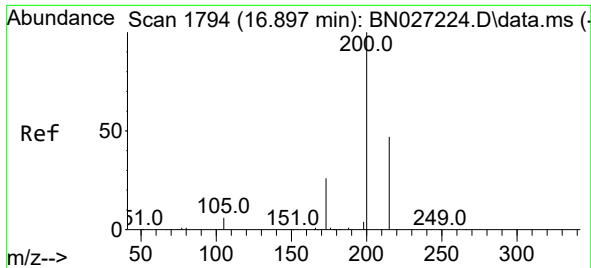
Tgt Ion:166 Resp: 5065
 Ion Ratio Lower Upper
 166 100
 165 0.0 79.0 118.4#
 167 10.2 10.8 16.2#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.443 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BN027307.D
 Acq: 31 Aug 2023 13:15

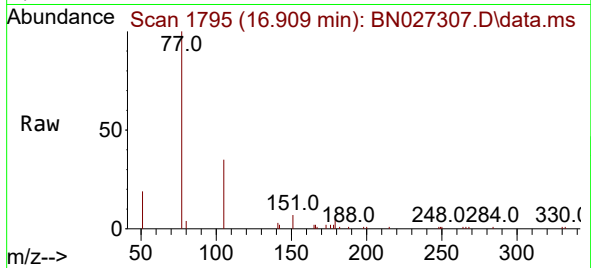
Tgt Ion:188 Resp: 18220
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.0 11.0 16.6#



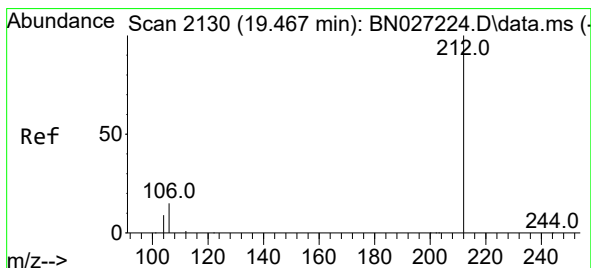
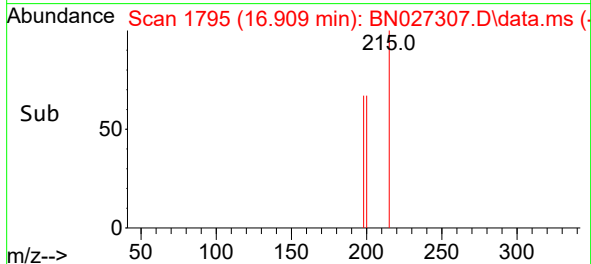
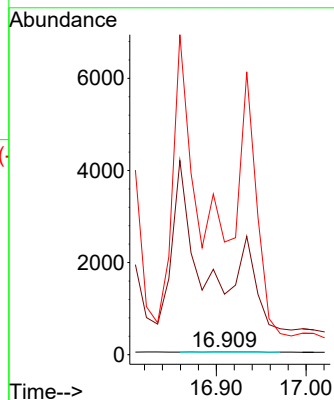


#20
4,6-Dinitro-2-methylphenol
Concen: 0.073 ng
RT: 16.909 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN027307.D
Acq: 31 Aug 2023 13:15

Instrument :
BNA_N
ClientSampleId :

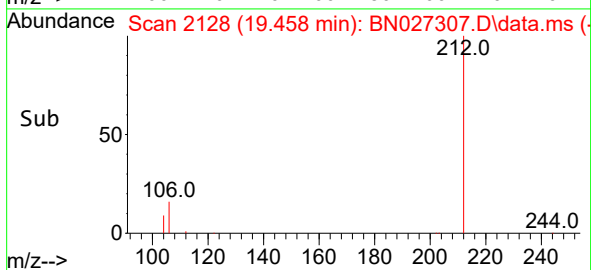
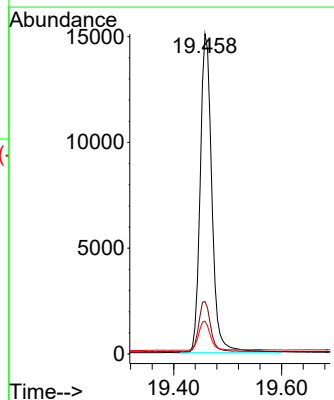
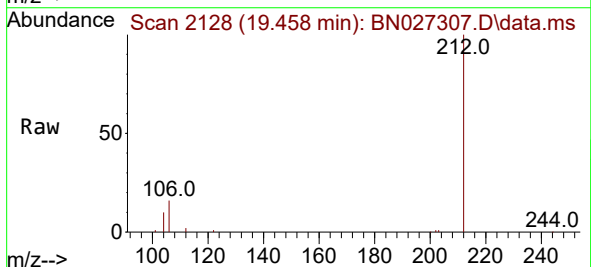


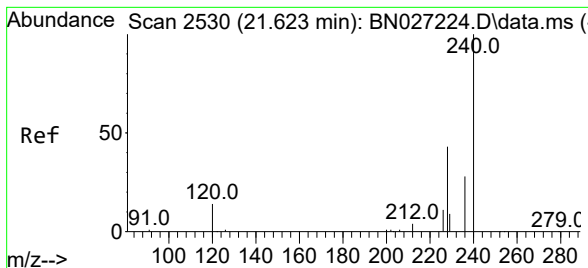
Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
51 2190.0 282.2 423.2#
105 4076.7 168.7 253.1#



#27
Fluoranthene-d10
Concen: 0.502 ng
RT: 19.458 min Scan# 2128
Delta R.T. -0.009 min
Lab File: BN027307.D
Acq: 31 Aug 2023 13:15

Tgt Ion:212 Resp: 22730
Ion Ratio Lower Upper
212 100
106 16.0 12.1 18.1
104 9.1 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.614 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN027307.D

Acq: 31 Aug 2023 13:15

Instrument :

BNA_N

ClientSampleId :

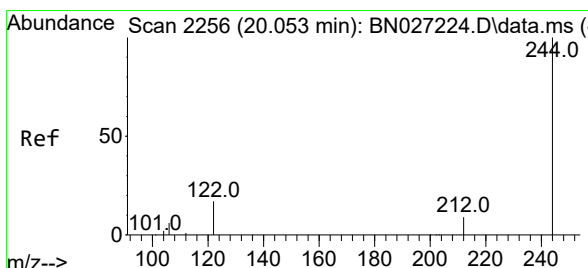
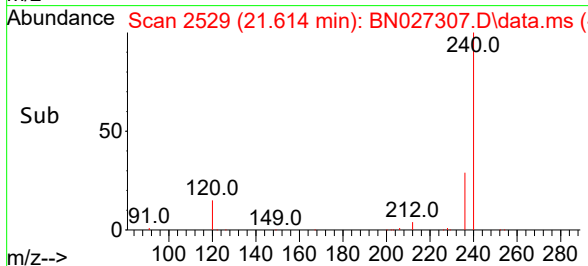
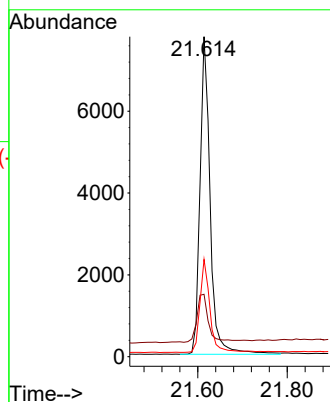
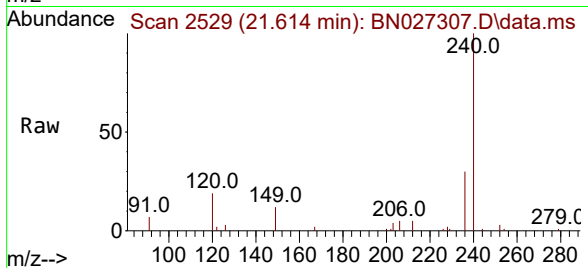
Tgt Ion:240 Resp: 12197

Ion Ratio Lower Upper

240 100

120 19.5 14.2 21.4

236 30.4 22.9 34.3



#31

Terphenyl-d14

Concen: 0.676 ng

RT: 20.043 min Scan# 2254

Delta R.T. -0.009 min

Lab File: BN027307.D

Acq: 31 Aug 2023 13:15

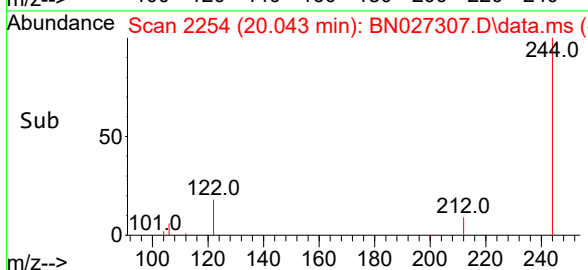
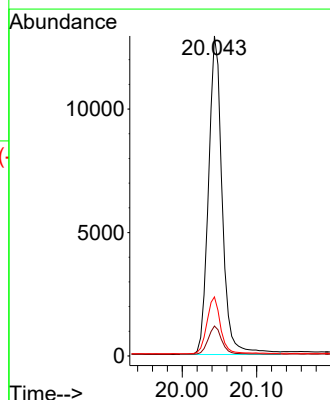
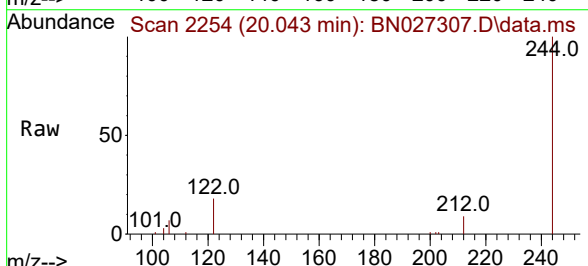
Tgt Ion:244 Resp: 16559

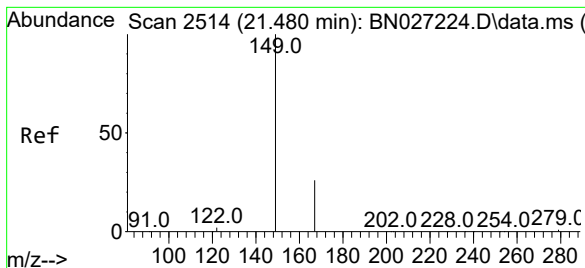
Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

122 18.4 14.0 21.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.041 ng

RT: 21.471 min Scan# 2149

Delta R.T. -0.009 min

Lab File: BN027307.D

Acq: 31 Aug 2023 13:15

Instrument :

BNA_N

ClientSampleId :

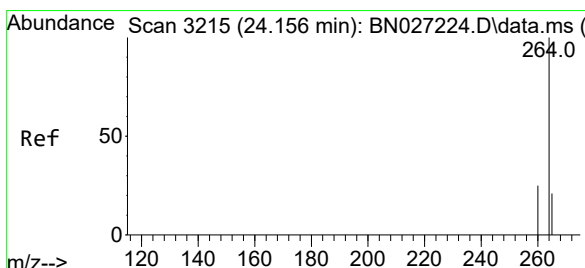
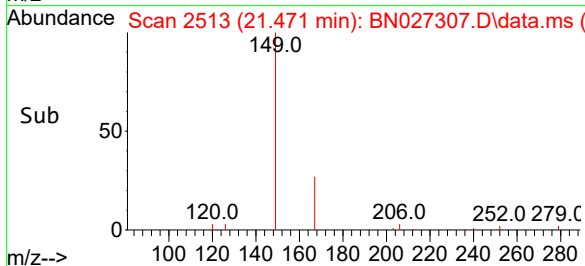
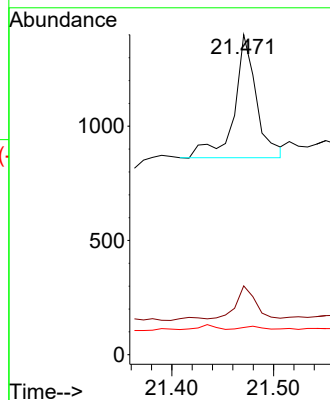
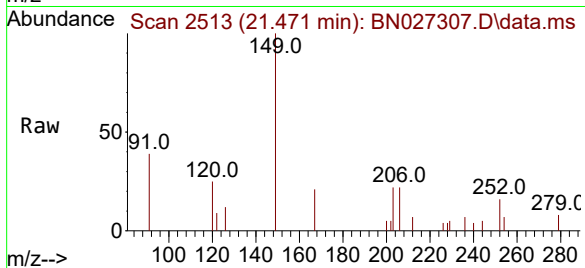
Tgt Ion:149 Resp: 818

Ion Ratio Lower Upper

149 100

167 23.6 22.1 33.1

279 2.2 2.7 4.1#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.148 min Scan# 3212

Delta R.T. -0.009 min

Lab File: BN027307.D

Acq: 31 Aug 2023 13:15

Tgt Ion:264 Resp: 5739

Ion Ratio Lower Upper

264 100

260 30.6 20.7 31.1

265 133.5 53.3 79.9#

