

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025669.D
 Acq On : 28 May 2023 06:43
 Operator : CG/JU
 Sample : 02911-15
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D2-20230522

Quant Time: May 29 01:14:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

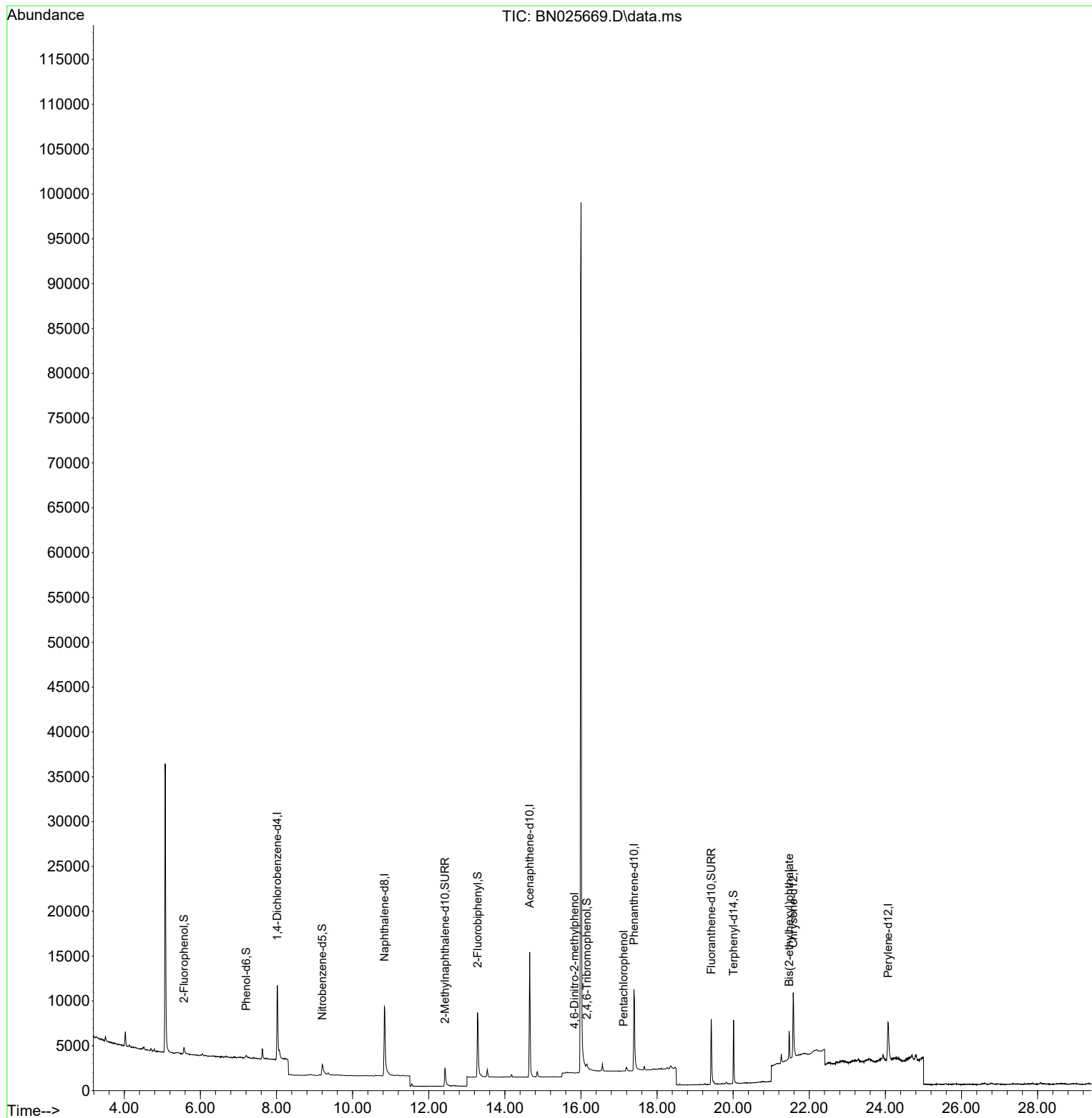
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5358	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	14521	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	8380	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	16507	0.400	ng	0.00
29) Chrysene-d12	21.578	240	9042	0.400	ng	0.00
35) Perylene-d12	24.072	264	8643	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.571	112	998	0.073	ng	0.01
5) Phenol-d6	7.203	99	540	0.033	ng	0.03
8) Nitrobenzene-d5	9.202	82	2120	0.174	ng	0.01
11) 2-Methylnaphthalene-d10	12.426	152	4283	0.207	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	355	0.210	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	8140	0.235	ng	0.00
27) Fluoranthene-d10	19.425	212	9490	0.254	ng	0.00
31) Terphenyl-d14	20.011	244	7035	0.355	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.829	198	4	0.115	ng	# 1
24) Pentachlorophenol	17.120	266	21	0.386	ng	# 34
34) Bis(2-ethylhexyl)phtha...	21.471	149	3550	0.173	ng	# 98

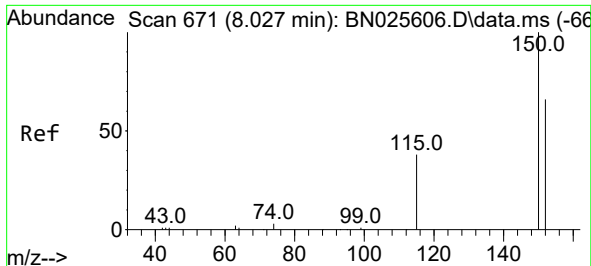
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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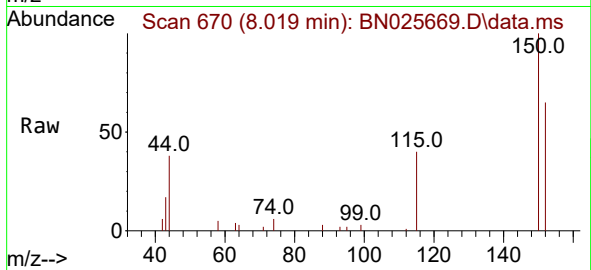
Quant Time: May 29 01:14:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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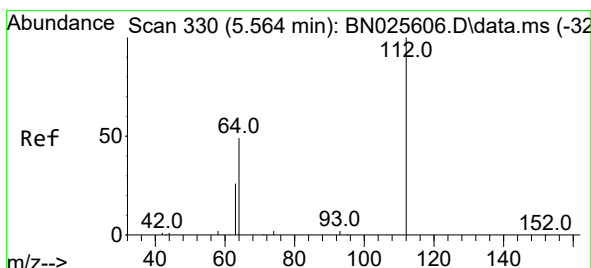
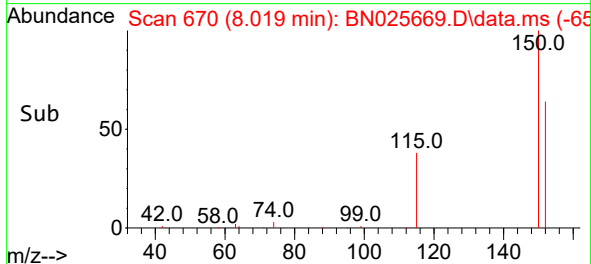
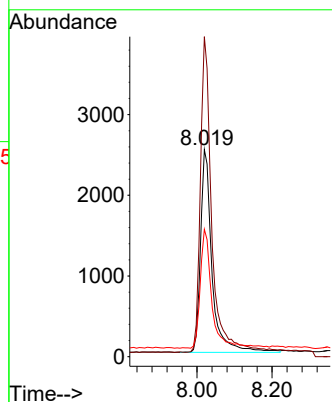


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025669.D
Acq: 28 May 2023 06:43

Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20230522

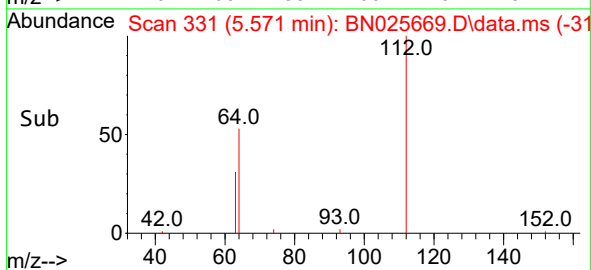
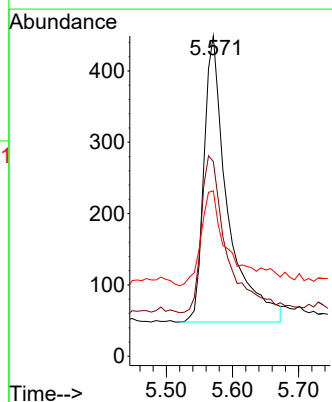
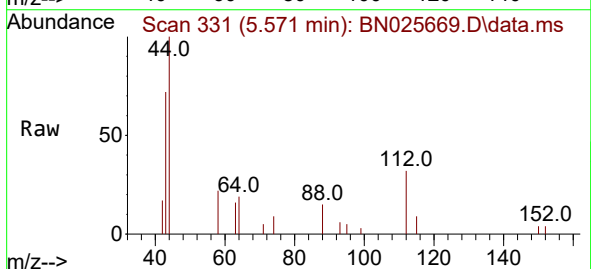


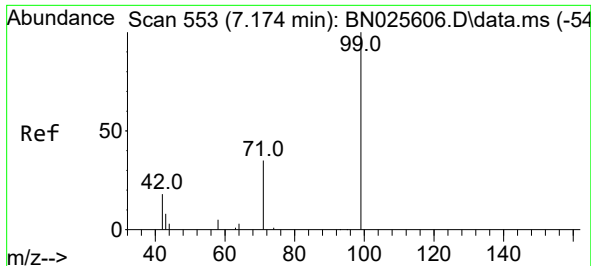
Tgt Ion:152 Resp: 5358
Ion Ratio Lower Upper
152 100
150 154.6 121.0 181.6
115 61.5 48.5 72.7



#4
2-Fluorophenol
Concen: 0.073 ng
RT: 5.571 min Scan# 331
Delta R.T. 0.014 min
Lab File: BN025669.D
Acq: 28 May 2023 06:43

Tgt Ion:112 Resp: 998
Ion Ratio Lower Upper
112 100
64 59.9 45.7 68.5
63 35.3 26.2 39.2

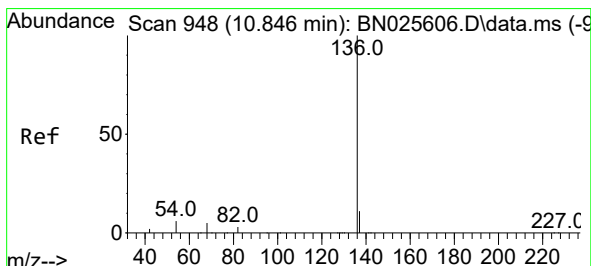
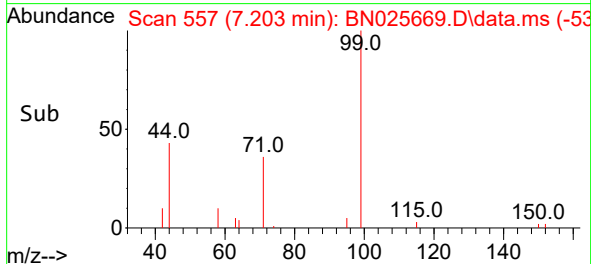
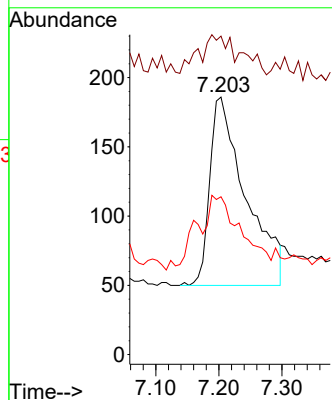
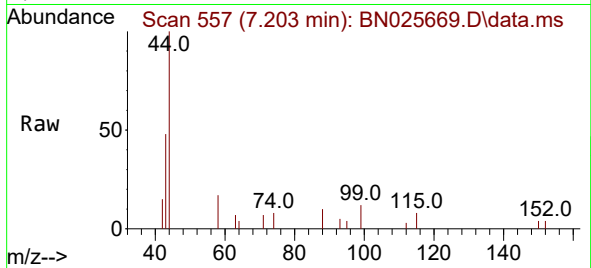




#5
Phenol-d6
Concen: 0.033 ng
RT: 7.203 min Scan# 51
Delta R.T. 0.029 min
Lab File: BN025669.D
Acq: 28 May 2023 06:43

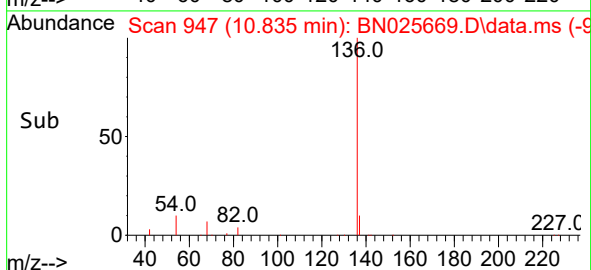
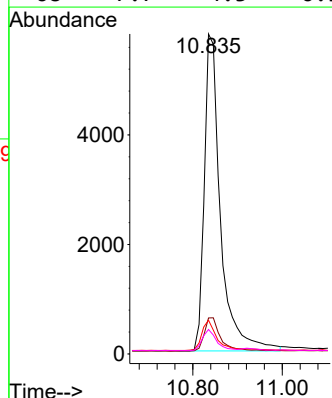
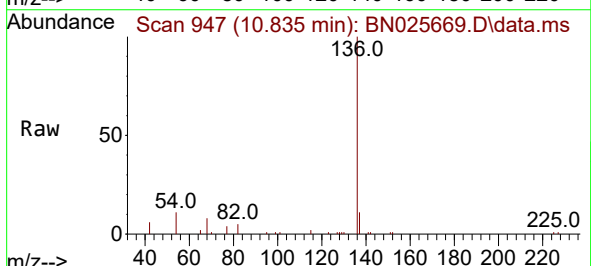
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20230522

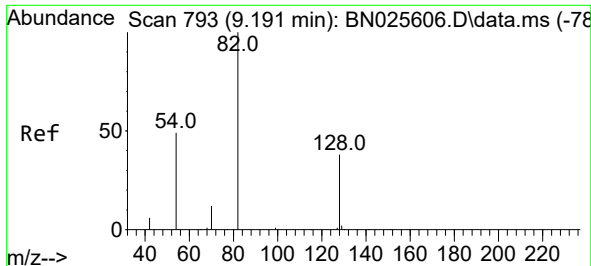
Tgt Ion: 99 Resp: 540
Ion Ratio Lower Upper
99 100
42 18.1 17.1 25.7
71 30.9 29.3 43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN025669.D
Acq: 28 May 2023 06:43

Tgt Ion: 136 Resp: 14521
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.6 5.4 8.0#
68 7.7 4.3 6.5#

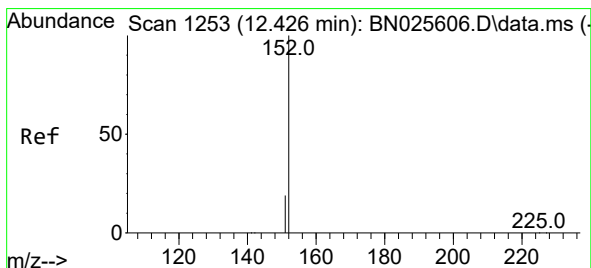
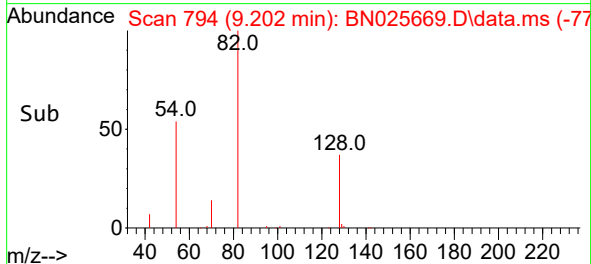
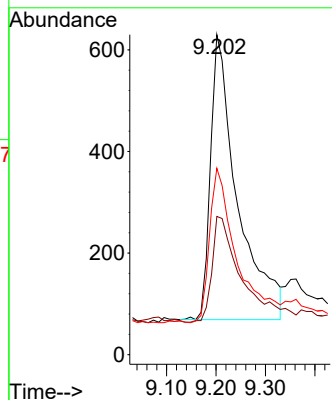
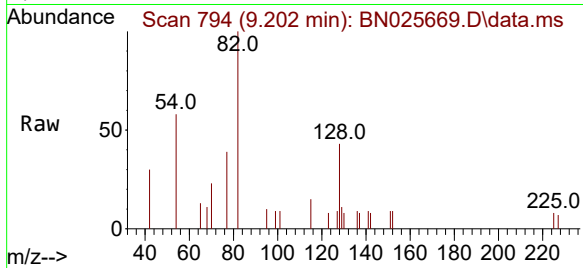




#8
Nitrobenzene-d5
Concen: 0.174 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025669.D
Acq: 28 May 2023 06:43

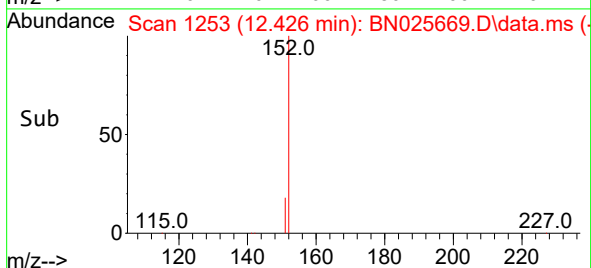
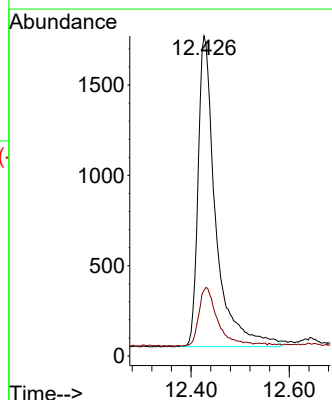
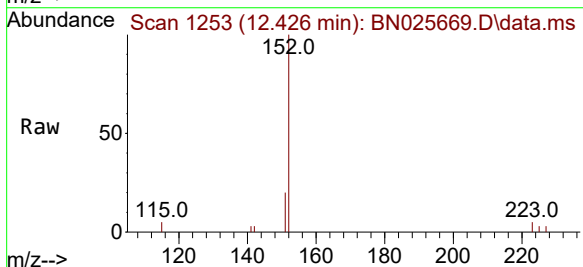
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20230522

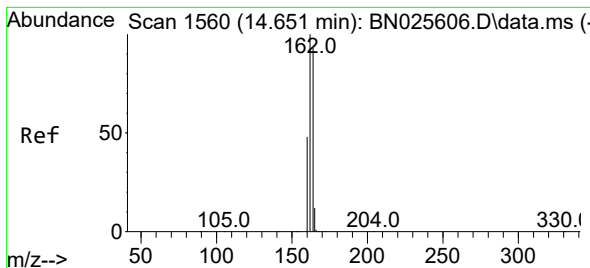
Tgt Ion: 82 Resp: 2120
Ion Ratio Lower Upper
82 100
128 43.2 32.5 48.7
54 58.3 40.6 60.8



#11
2-Methylnaphthalene-d10
Concen: 0.207 ng
RT: 12.426 min Scan# 1253
Delta R.T. 0.004 min
Lab File: BN025669.D
Acq: 28 May 2023 06:43

Tgt Ion: 152 Resp: 4283
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1560

Delta R.T. -0.000 min

Lab File: BN025669.D

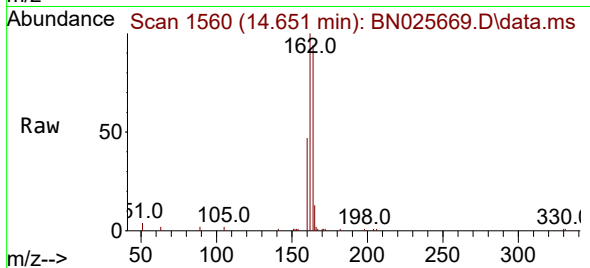
Acq: 28 May 2023 06:43

Instrument :

BNA_N

ClientSampleId :

RW9-MW01D2-20230522



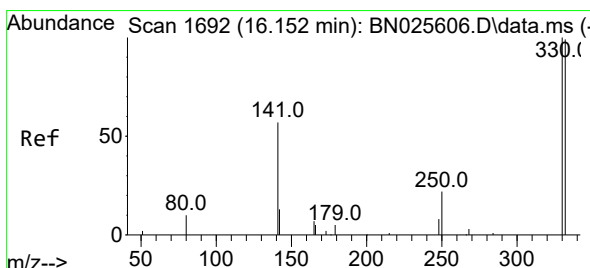
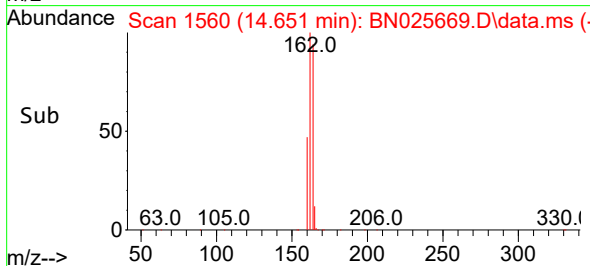
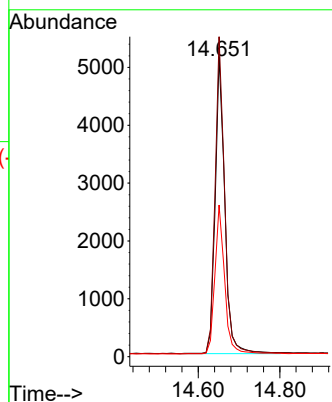
Tgt Ion:164 Resp: 8380

Ion Ratio Lower Upper

164 100

162 106.6 86.4 129.6

160 50.5 41.9 62.9



#14

2,4,6-Tribromophenol

Concen: 0.210 ng

RT: 16.152 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BN025669.D

Acq: 28 May 2023 06:43

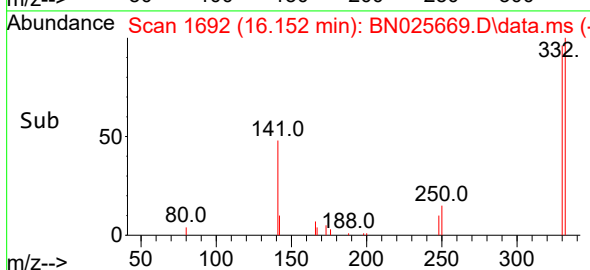
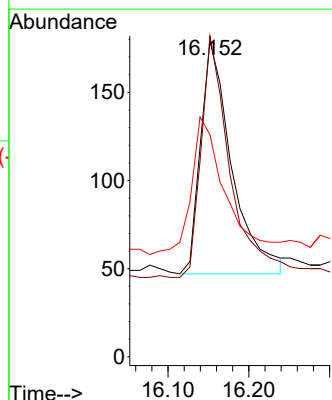
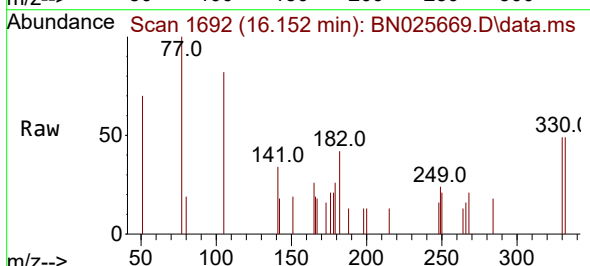
Tgt Ion:330 Resp: 355

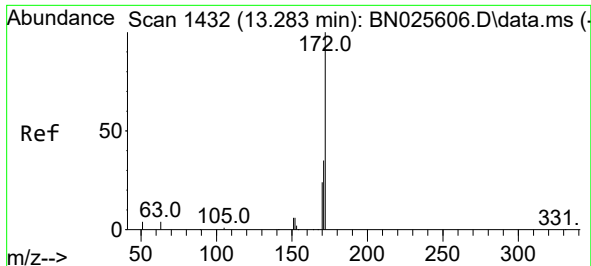
Ion Ratio Lower Upper

330 100

332 97.5 80.0 120.0

141 64.5 45.8 68.6

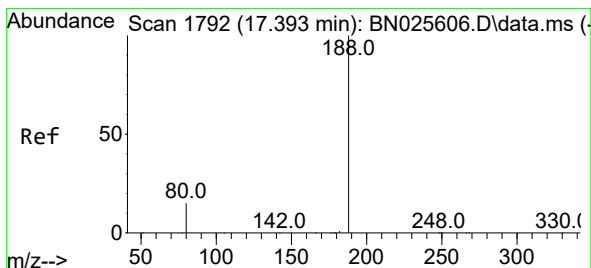
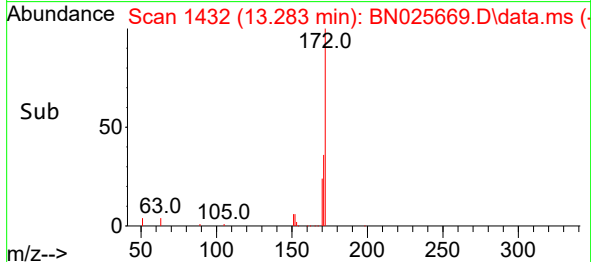
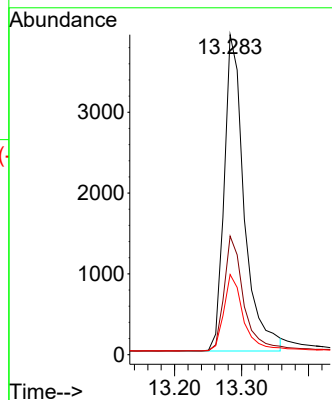
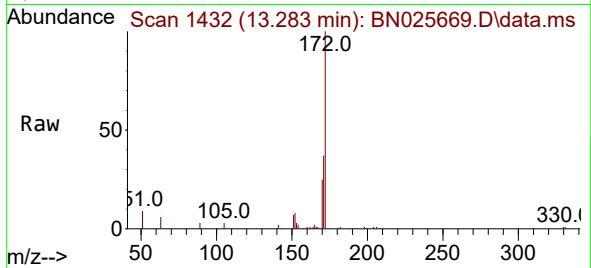




#15
2-Fluorobiphenyl
Concen: 0.235 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025669.D
Acq: 28 May 2023 06:43

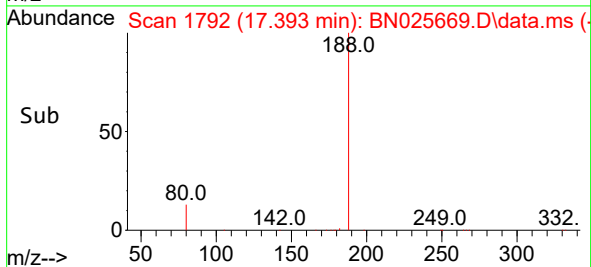
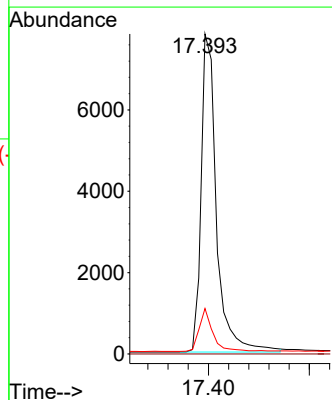
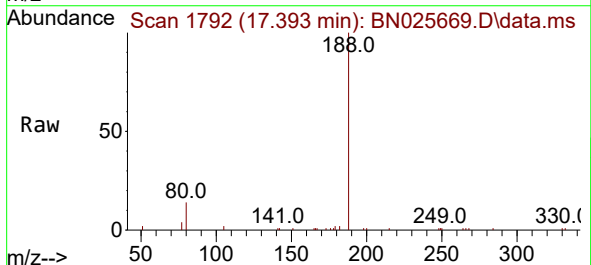
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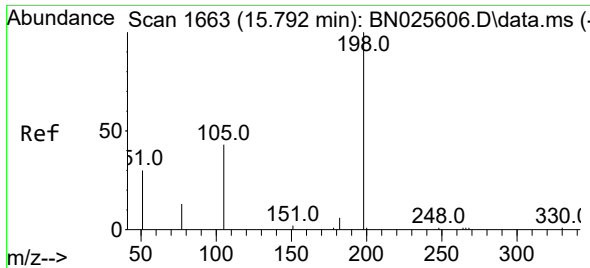
Tgt Ion:172 Resp: 8140
Ion Ratio Lower Upper
172 100
171 37.0 28.6 42.8
170 25.0 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN025669.D
Acq: 28 May 2023 06:43

Tgt Ion:188 Resp: 16507
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 12.2 18.2

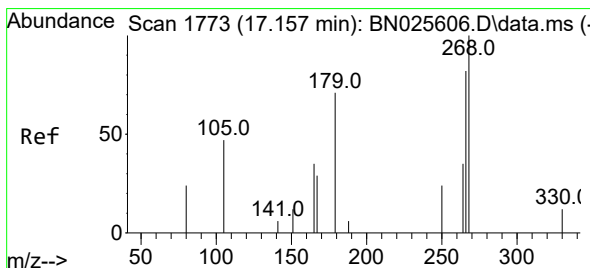
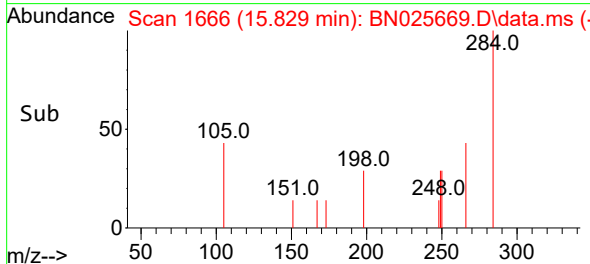
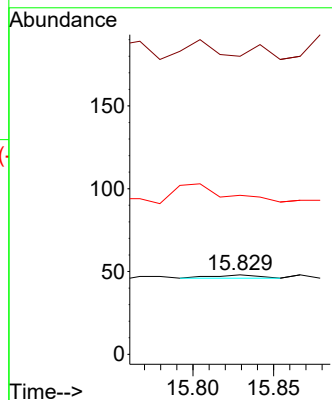
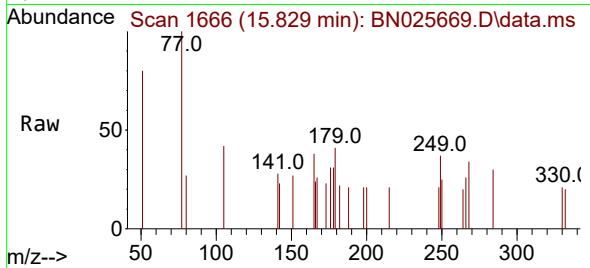




#20
4,6-Dinitro-2-methylphenol
Concen: 0.115 ng
RT: 15.829 min Scan# 1666
Delta R.T. 0.037 min
Lab File: BN025669.D
Acq: 28 May 2023 06:43

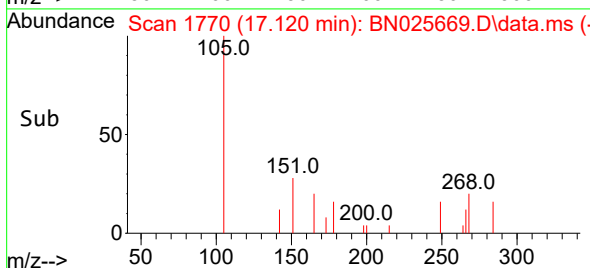
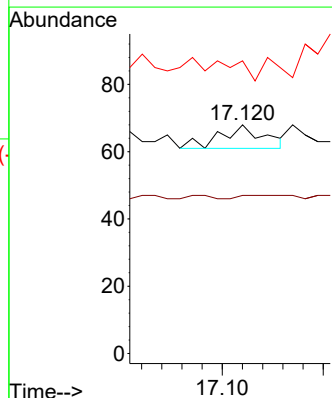
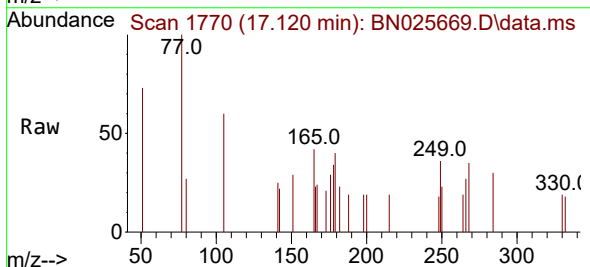
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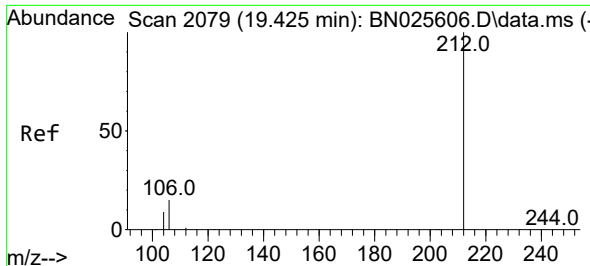
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 375.0 110.8 166.2#
105 200.0 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.386 ng
RT: 17.120 min Scan# 1770
Delta R.T. 0.049 min
Lab File: BN025669.D
Acq: 28 May 2023 06:43

Tgt Ion:266 Resp: 21
Ion Ratio Lower Upper
266 100
264 19.0 60.0 90.0#
268 0.0 0.0 0.0

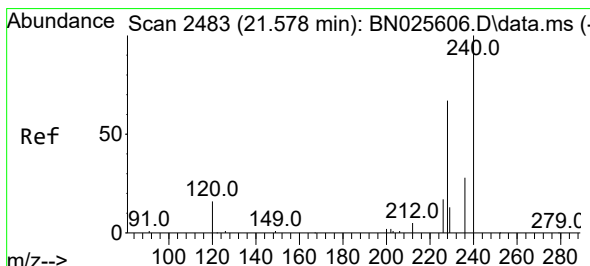
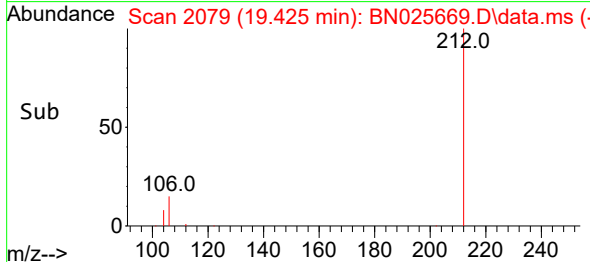
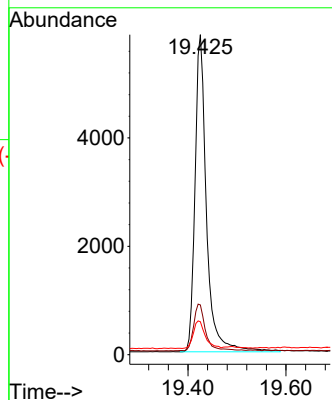
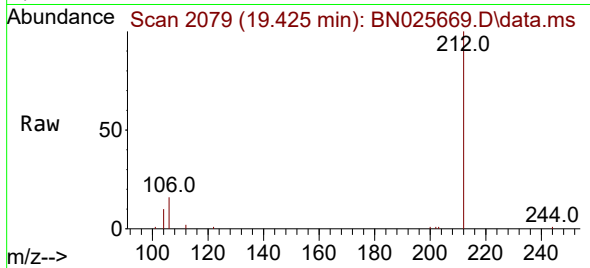




#27
Fluoranthene-d10
Concen: 0.254 ng
RT: 19.425 min Scan# 2079
Delta R.T. 0.005 min
Lab File: BN025669.D
Acq: 28 May 2023 06:43

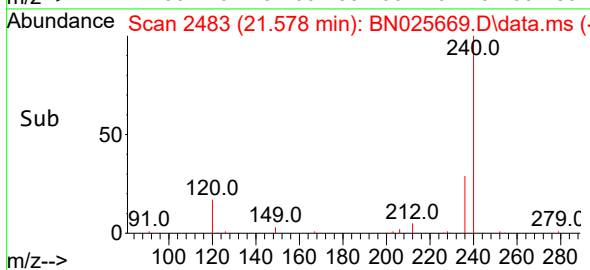
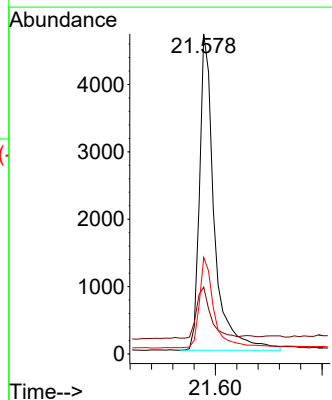
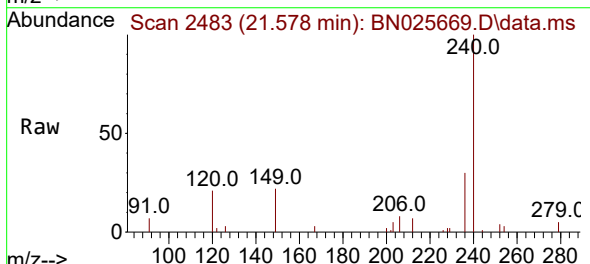
Instrument :
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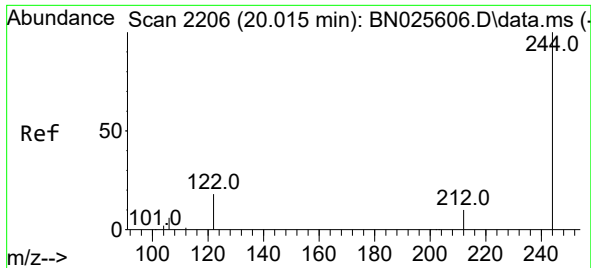
Tgt Ion:212 Resp: 9490
Ion Ratio Lower Upper
212 100
106 15.4 12.3 18.5
104 9.1 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025669.D
Acq: 28 May 2023 06:43

Tgt Ion:240 Resp: 9042
Ion Ratio Lower Upper
240 100
120 20.9 15.4 23.0
236 30.1 23.2 34.8

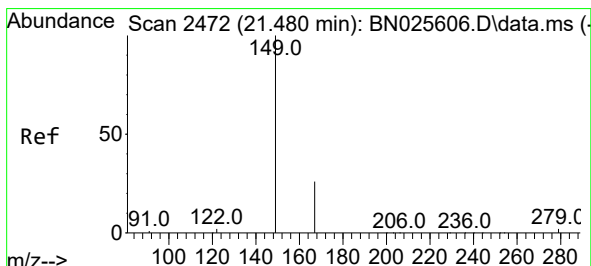
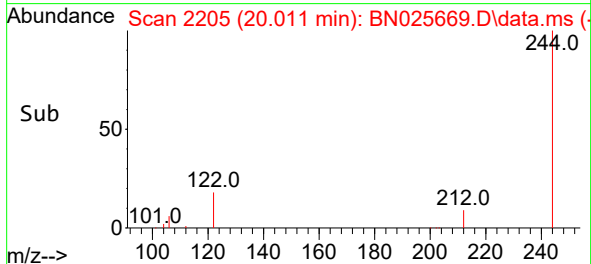
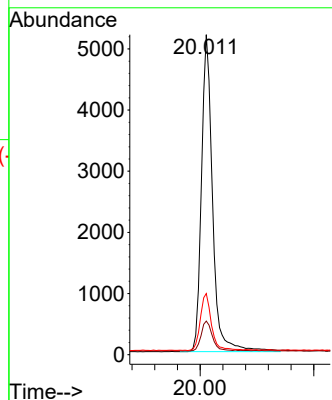
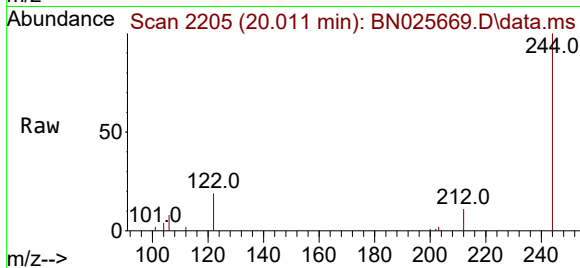




#31
 Terphenyl-d14
 Concen: 0.355 ng
 RT: 20.011 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN025669.D
 Acq: 28 May 2023 06:43

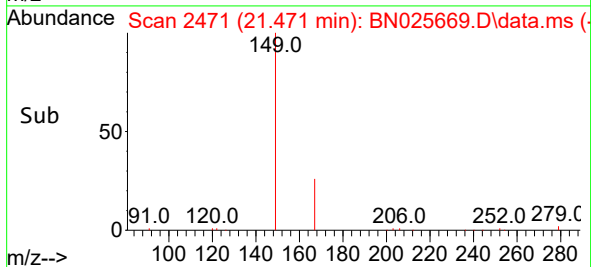
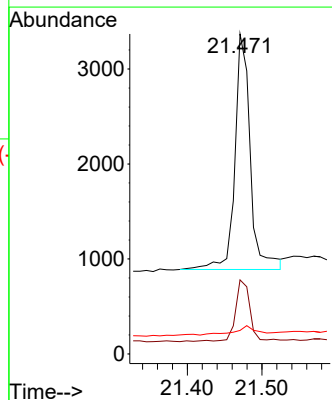
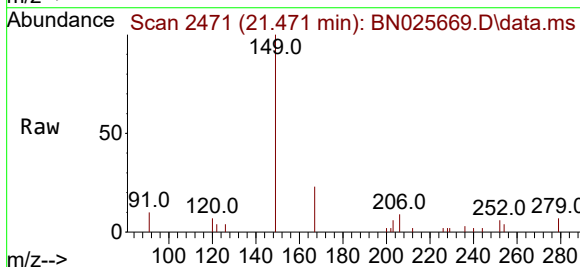
Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D2-20230522

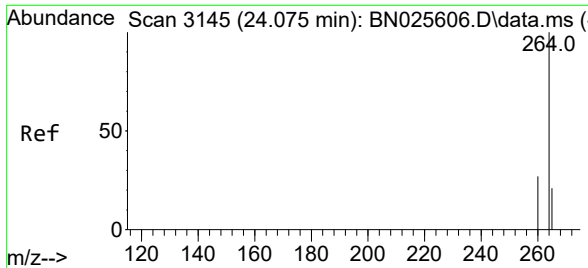
Tgt Ion:244 Resp: 7035
 Ion Ratio Lower Upper
 244 100
 212 10.5 8.5 12.7
 122 19.1 14.9 22.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.173 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN025669.D
 Acq: 28 May 2023 06:43

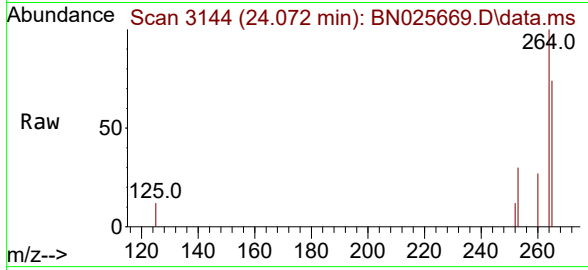
Tgt Ion:149 Resp: 3550
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.4 30.6
 279 5.4 3.3 4.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.072 min Scan# 31
Delta R.T. 0.003 min
Lab File: BN025669.D
Acq: 28 May 2023 06:43

Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20230522



Tgt Ion:264 Resp: 8643

Ion	Ratio	Lower	Upper
264	100		
260	27.1	22.3	33.5
265	73.9	54.3	81.5

