

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025614.D
 Acq On : 26 May 2023 18:18
 Operator : CG/JU
 Sample : 02852-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-32-G3-SO-38-051823

Quant Time: May 27 04:16:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 27 03:51:06 2023
 Response via : Initial Calibration

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

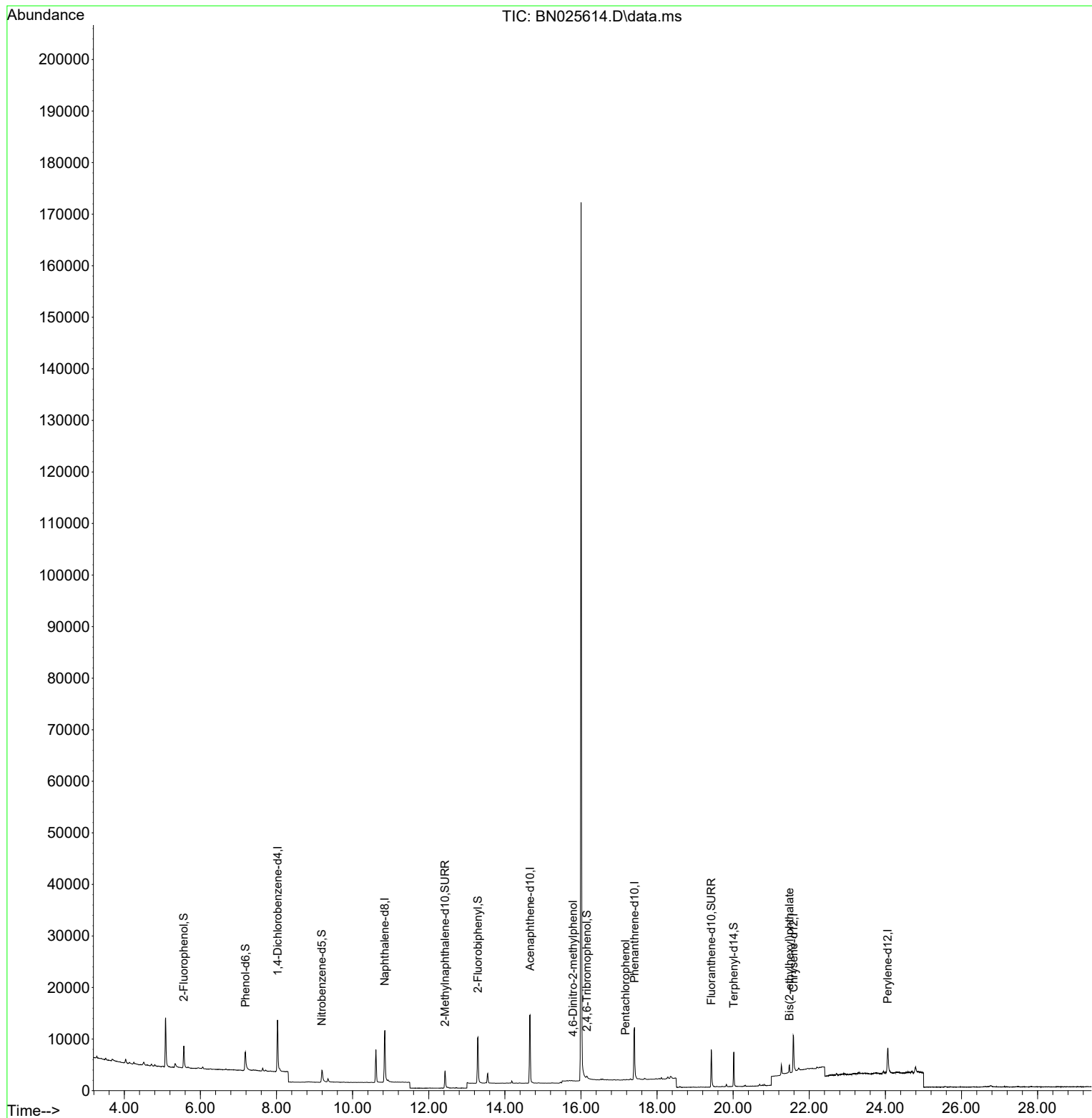
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.027	152	5544	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	15321	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	8620	0.400	ng	0.01
19) Phenanthrene-d10	17.406	188	17245	0.400	ng	# 0.01
29) Chrysene-d12	21.587	240	9040	0.400	ng	0.00
35) Perylene-d12	24.063	264	7858	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	4001	0.282	ng	0.00
5) Phenol-d6	7.182	99	4829	0.284	ng	0.00
8) Nitrobenzene-d5	9.191	82	2912	0.227	ng	0.00
11) 2-Methylnaphthalene-d10	12.427	152	5486	0.251	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	298	0.171	ng	0.00
15) 2-Fluorobiphenyl	13.294	172	9571	0.269	ng	0.01
27) Fluoranthene-d10	19.426	212	8942	0.229	ng	0.00
31) Terphenyl-d14	20.016	244	6437	0.325	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.792	198	5	0.115	ng	# 1
24) Pentachlorophenol	17.170	266	21	0.385	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.480	149	1568	0.076	ng	# 99

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

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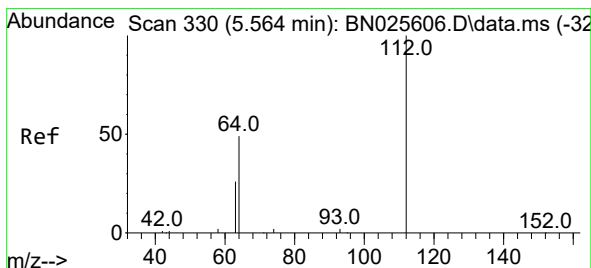
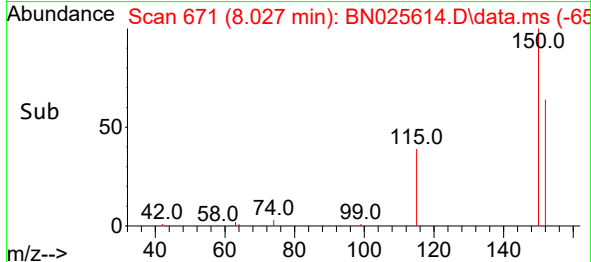
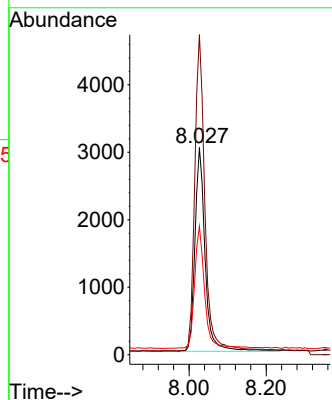
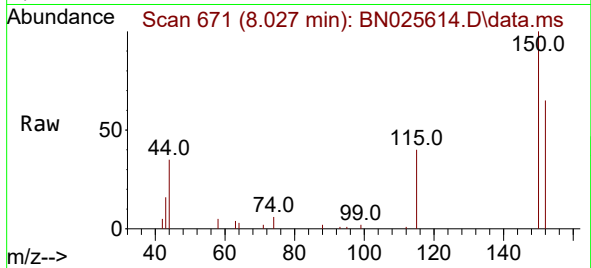




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.027 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025614.D
Acq: 26 May 2023 18:18

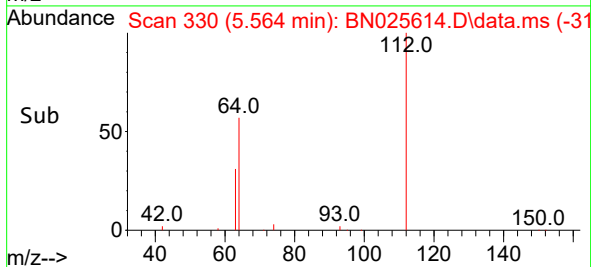
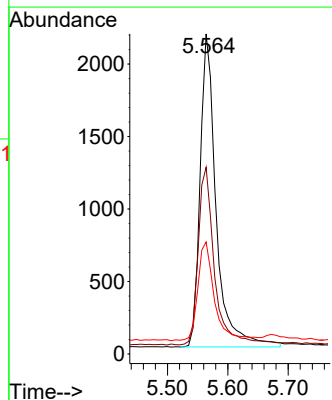
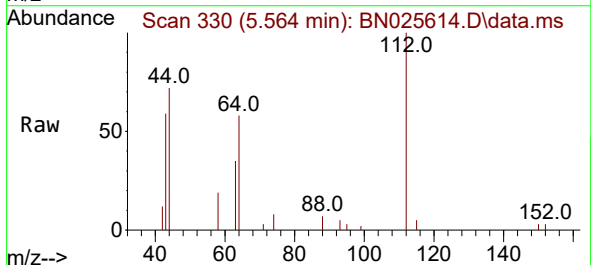
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-38-051823

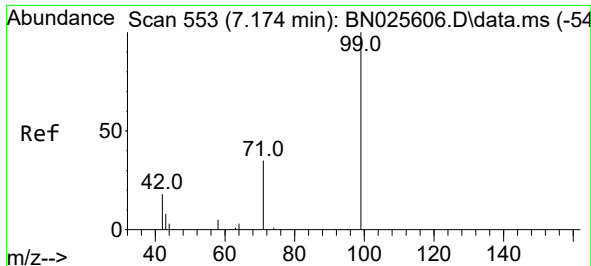
Tgt Ion:152 Resp: 5544
Ion Ratio Lower Upper
152 100
150 154.4 121.0 181.6
115 61.9 48.5 72.7



#4
2-Fluorophenol
Concen: 0.282 ng
RT: 5.564 min Scan# 330
Delta R.T. 0.000 min
Lab File: BN025614.D
Acq: 26 May 2023 18:18

Tgt Ion:112 Resp: 4001
Ion Ratio Lower Upper
112 100
64 57.9 45.7 68.5
63 32.6 26.2 39.2

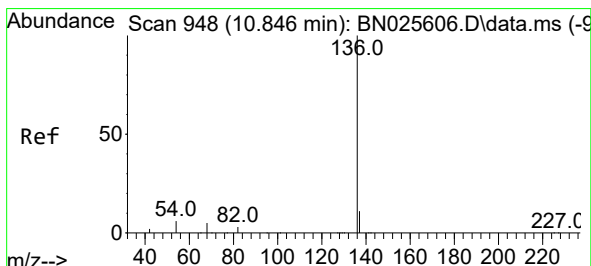
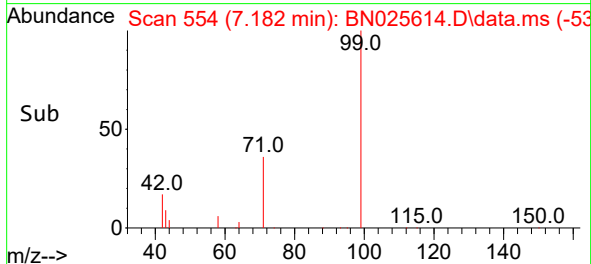
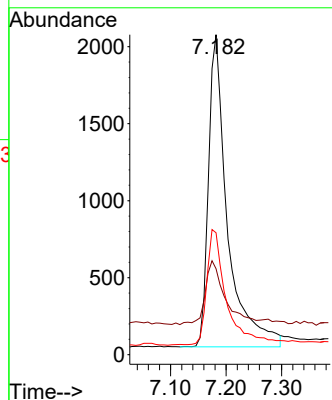
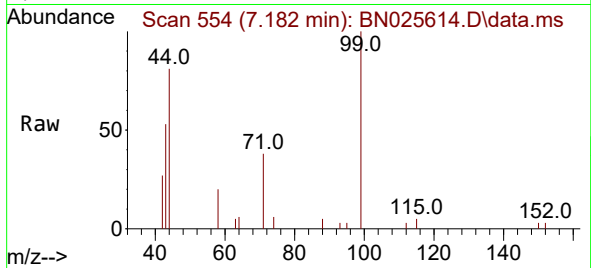




#5
Phenol-d6
Concen: 0.284 ng
RT: 7.182 min Scan# 511
Delta R.T. 0.007 min
Lab File: BN025614.D
Acq: 26 May 2023 18:18

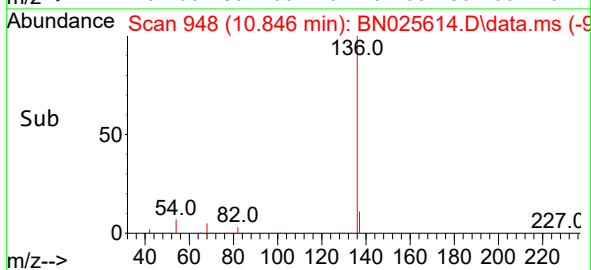
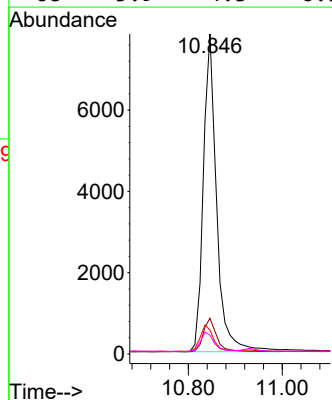
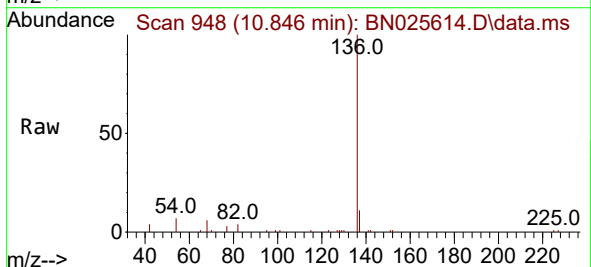
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-38-051823

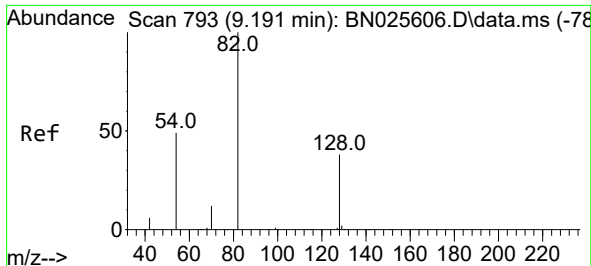
Tgt Ion: 99 Resp: 4829
Ion Ratio Lower Upper
99 100
42 21.2 17.1 25.7
71 37.5 29.3 43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN025614.D
Acq: 26 May 2023 18:18

Tgt Ion: 136 Resp: 15321
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.5 5.4 8.0
68 5.9 4.3 6.5

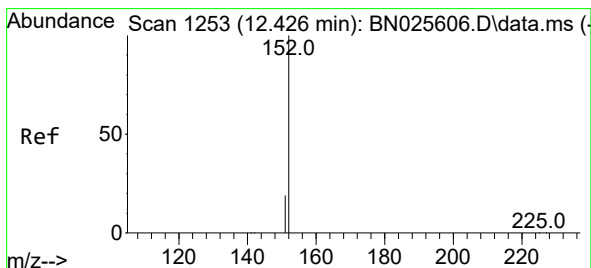
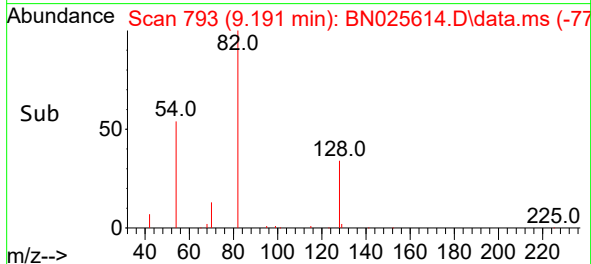
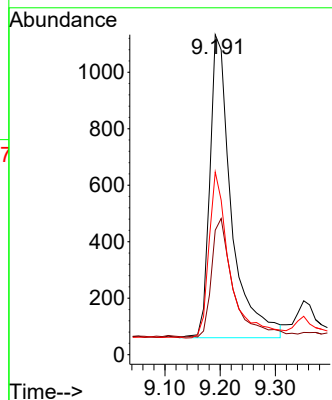
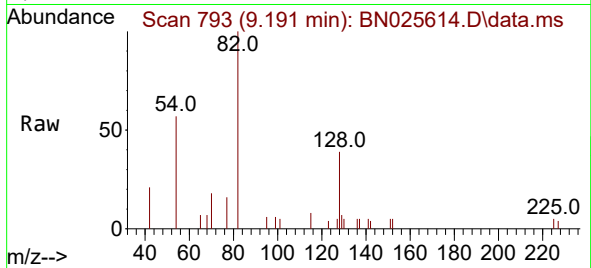




#8
Nitrobenzene-d5
Concen: 0.227 ng
RT: 9.191 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN025614.D
Acq: 26 May 2023 18:18

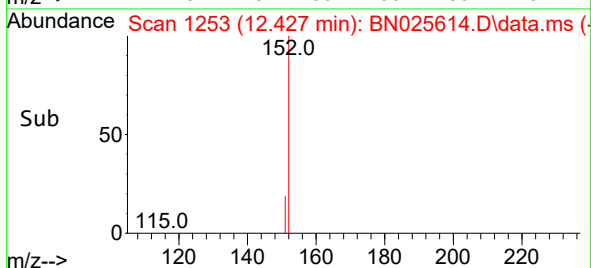
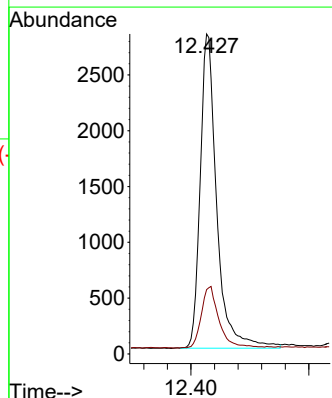
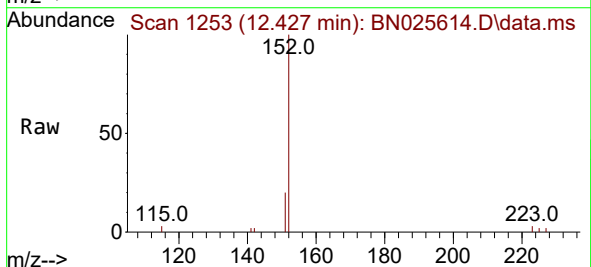
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-38-051823

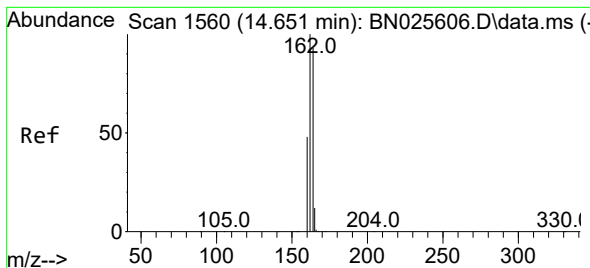
Tgt Ion: 82 Resp: 2912
Ion Ratio Lower Upper
82 100
128 38.9 32.5 48.7
54 57.1 40.6 60.8



#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.427 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BN025614.D
Acq: 26 May 2023 18:18

Tgt Ion: 152 Resp: 5486
Ion Ratio Lower Upper
152 100
151 21.1 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1561

Delta R.T. 0.011 min

Lab File: BN025614.D

Acq: 26 May 2023 18:18

Instrument :

BNA_N

ClientSampleId :

CB-32-G3-SO-38-051823

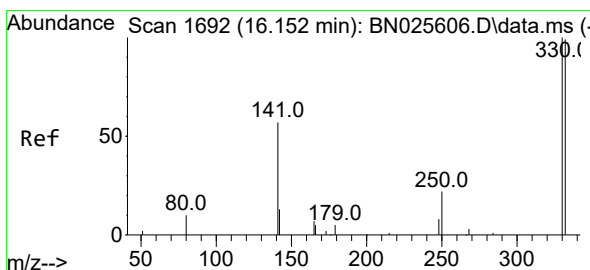
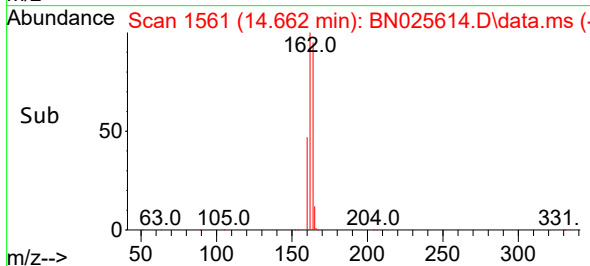
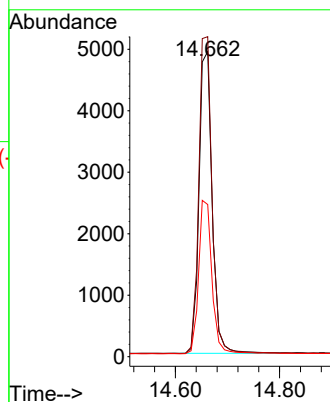
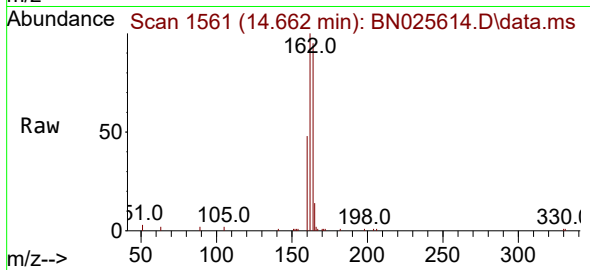
Tgt Ion:164 Resp: 8620

Ion Ratio Lower Upper

164 100

162 104.9 86.4 129.6

160 49.9 41.9 62.9



#14

2,4,6-Tribromophenol

Concen: 0.171 ng

RT: 16.152 min Scan# 1692

Delta R.T. 0.000 min

Lab File: BN025614.D

Acq: 26 May 2023 18:18

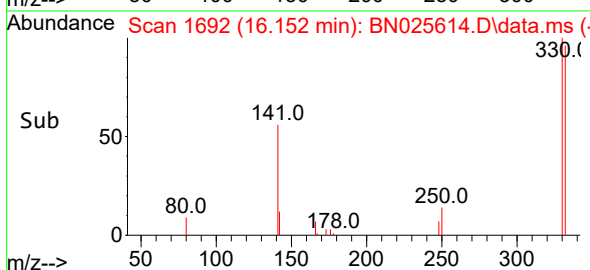
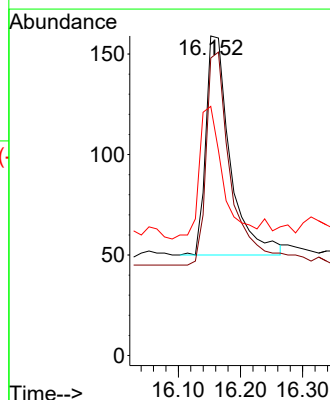
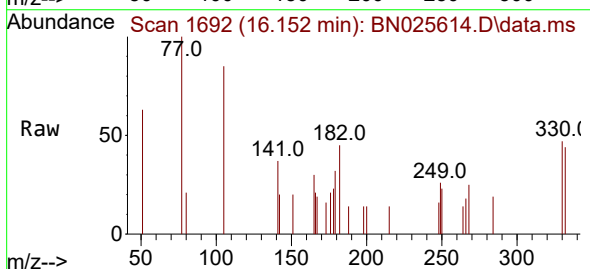
Tgt Ion:330 Resp: 298

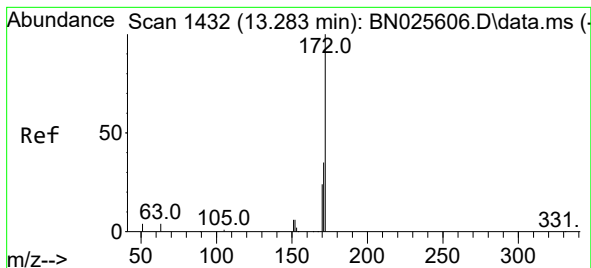
Ion Ratio Lower Upper

330 100

332 96.3 80.0 120.0

141 59.4 45.8 68.6





#15

2-Fluorobiphenyl

Concen: 0.269 ng

RT: 13.294 min Scan# 1433

Delta R.T. 0.011 min

Lab File: BN025614.D

Acq: 26 May 2023 18:18

Instrument :

BNA_N

ClientSampleId :

CB-32-G3-SO-38-051823

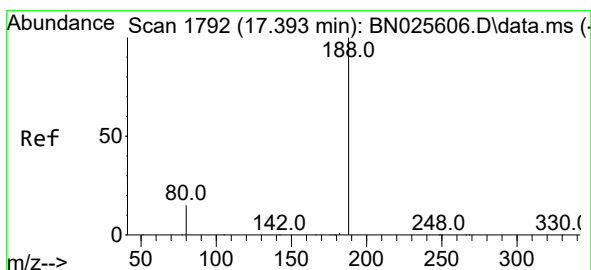
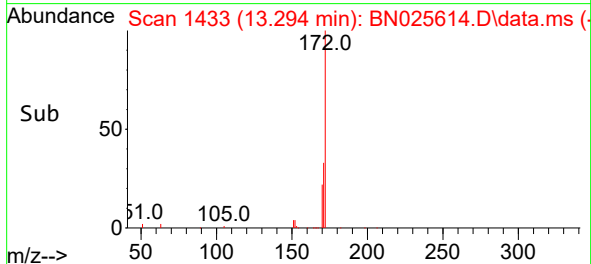
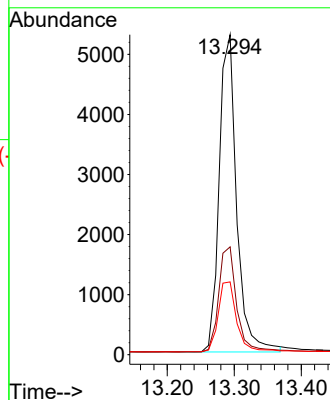
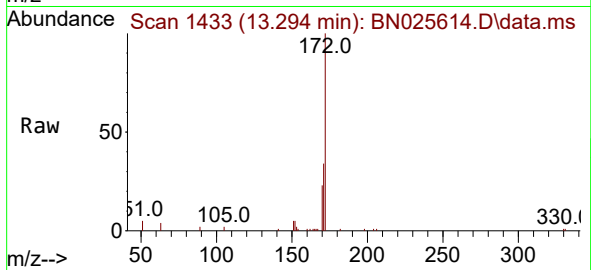
Tgt Ion:172 Resp: 9571

Ion Ratio Lower Upper

172 100

171 33.7 28.6 42.8

170 22.8 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.406 min Scan# 1793

Delta R.T. 0.013 min

Lab File: BN025614.D

Acq: 26 May 2023 18:18

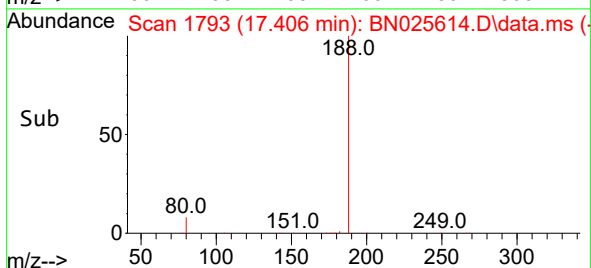
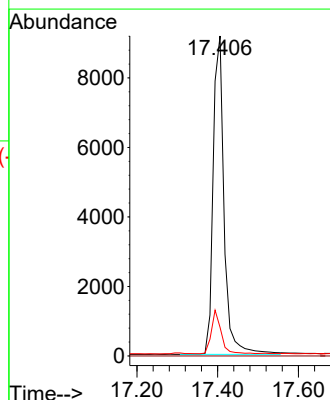
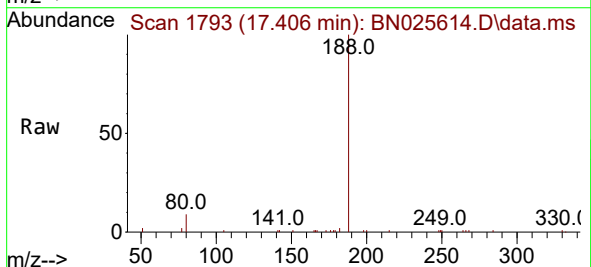
Tgt Ion:188 Resp: 17245

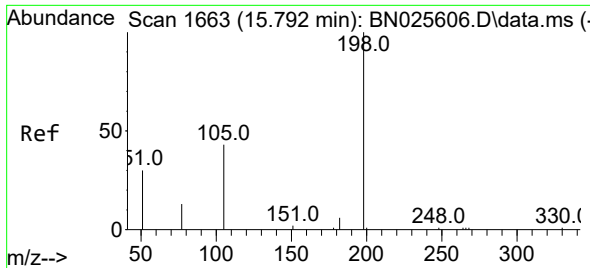
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.9 12.2 18.2#

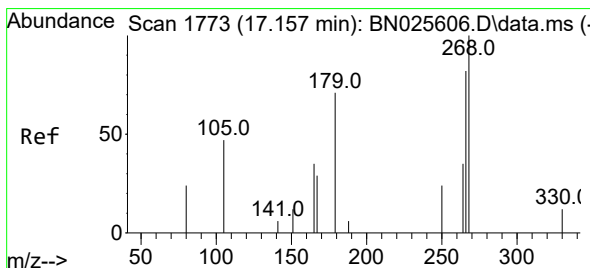
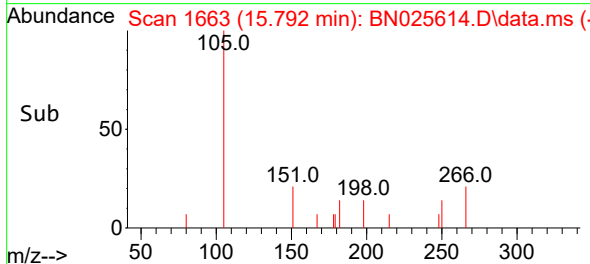
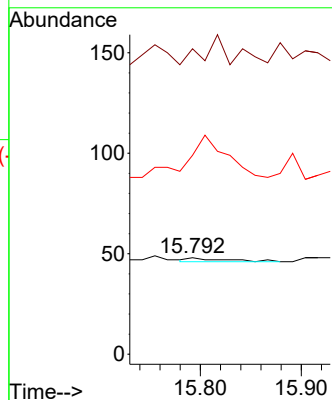
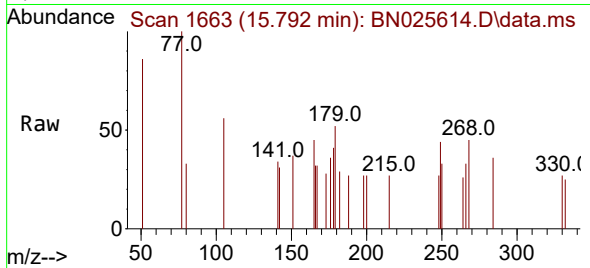




#20
4,6-Dinitro-2-methylphenol
Concen: 0.115 ng
RT: 15.792 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BN025614.D
Acq: 26 May 2023 18:18

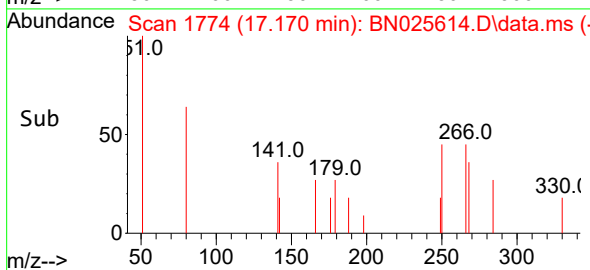
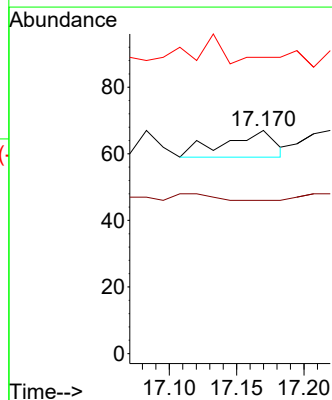
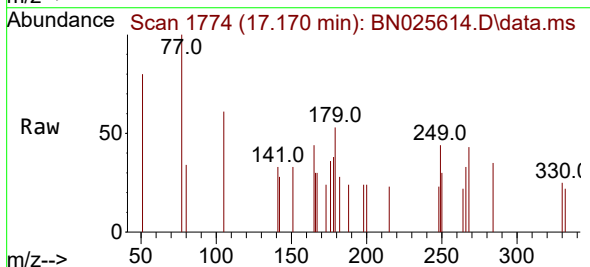
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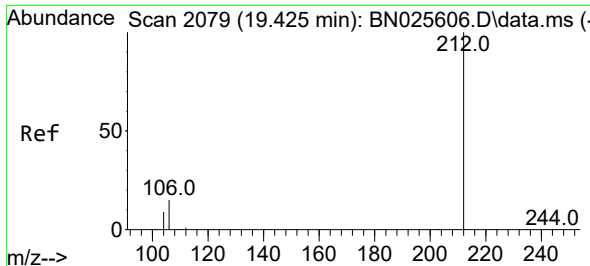
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 316.7 110.8 166.2#
105 206.3 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.385 ng
RT: 17.170 min Scan# 1774
Delta R.T. 0.013 min
Lab File: BN025614.D
Acq: 26 May 2023 18:18

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

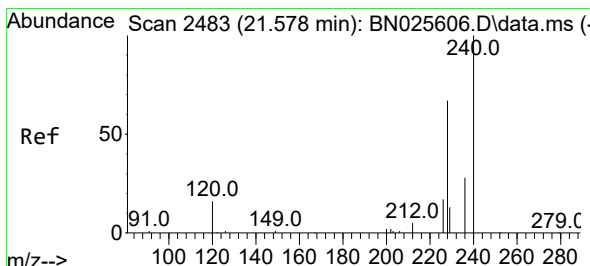
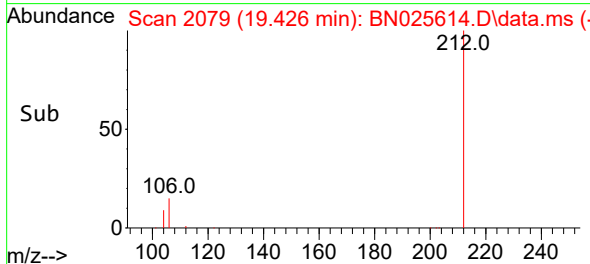
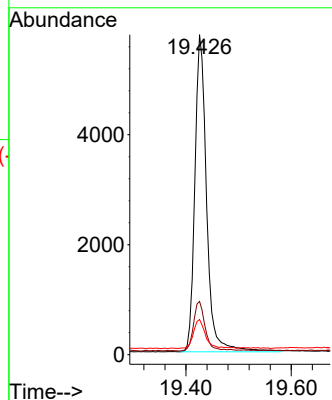
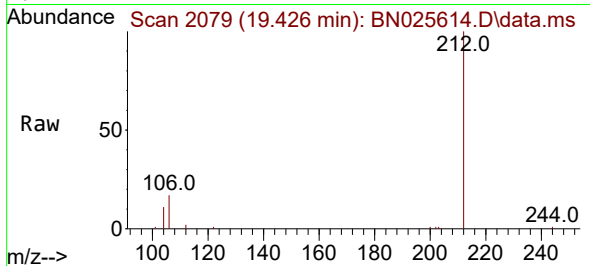




#27
Fluoranthene-d10
Concen: 0.229 ng
RT: 19.426 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BN025614.D
Acq: 26 May 2023 18:18

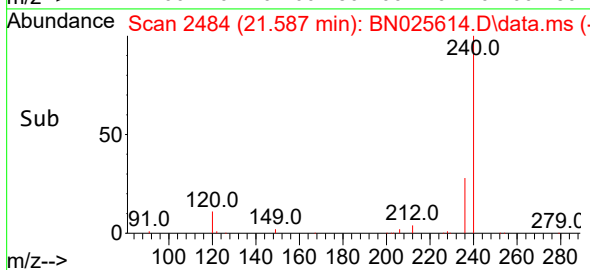
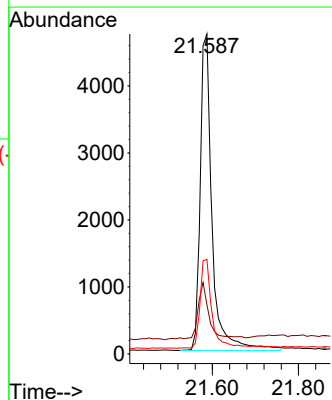
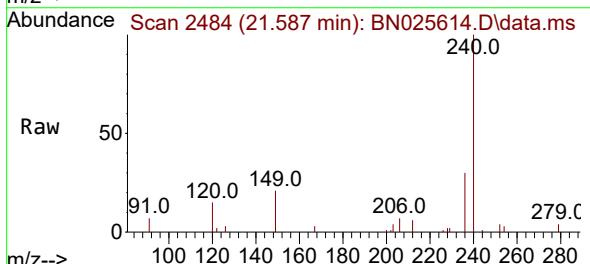
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-38-051823

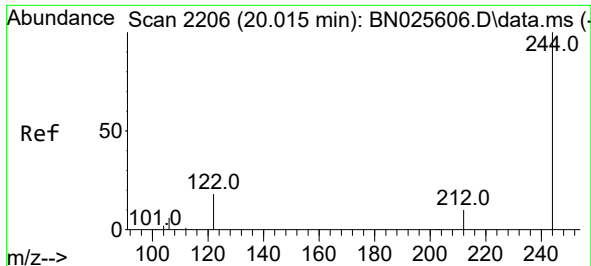
Tgt Ion:212 Resp: 8942
Ion Ratio Lower Upper
212 100
106 15.8 12.3 18.5
104 9.5 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN025614.D
Acq: 26 May 2023 18:18

Tgt Ion:240 Resp: 9040
Ion Ratio Lower Upper
240 100
120 15.4 15.4 23.0
236 29.6 23.2 34.8

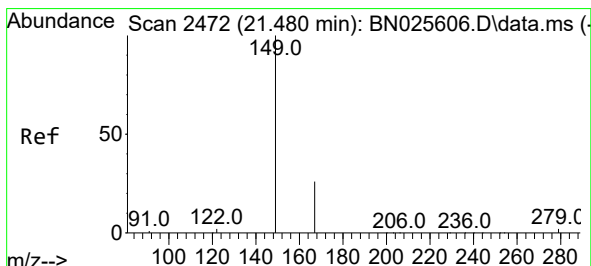
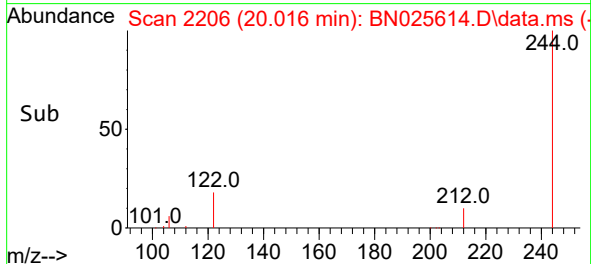
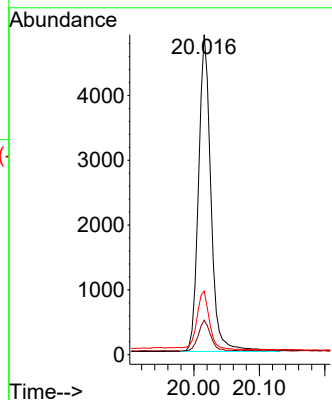
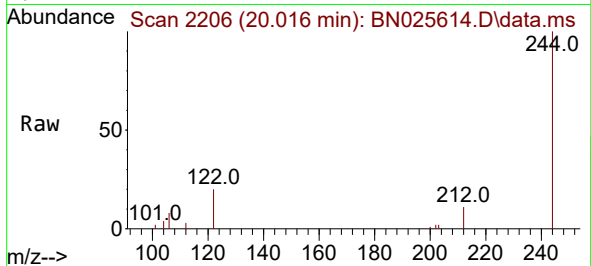




#31
 Terphenyl-d14
 Concen: 0.325 ng
 RT: 20.016 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN025614.D
 Acq: 26 May 2023 18:18

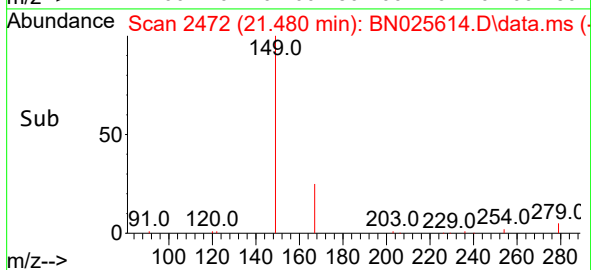
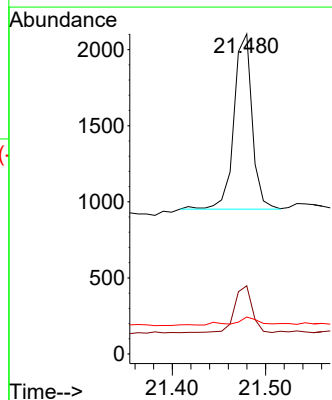
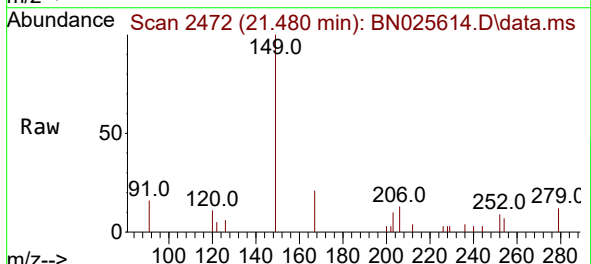
Instrument :
 BNA_N
 ClientSampleId :
 CB-32-G3-SO-38-051823

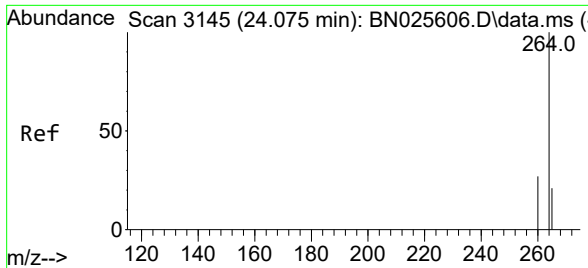
Tgt Ion:244 Resp: 6437
 Ion Ratio Lower Upper
 244 100
 212 10.8 8.5 12.7
 122 19.9 14.9 22.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.076 ng
 RT: 21.480 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BN025614.D
 Acq: 26 May 2023 18:18

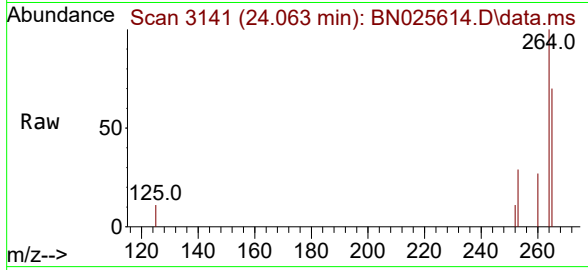
Tgt Ion:149 Resp: 1568
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.4 30.6
 279 5.2 3.3 4.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.063 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN025614.D
Acq: 26 May 2023 18:18

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-38-051823



Tgt Ion:264 Resp: 7858

Ion	Ratio	Lower	Upper
264	100		
260	26.9	22.3	33.5
265	70.0	54.3	81.5

