

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025619.D
 Acq On : 26 May 2023 21:18
 Operator : CG/JU
 Sample : 02852-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-32-G3-SO-55.5-051823-FD

Quant Time: May 27 04:17:32 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)

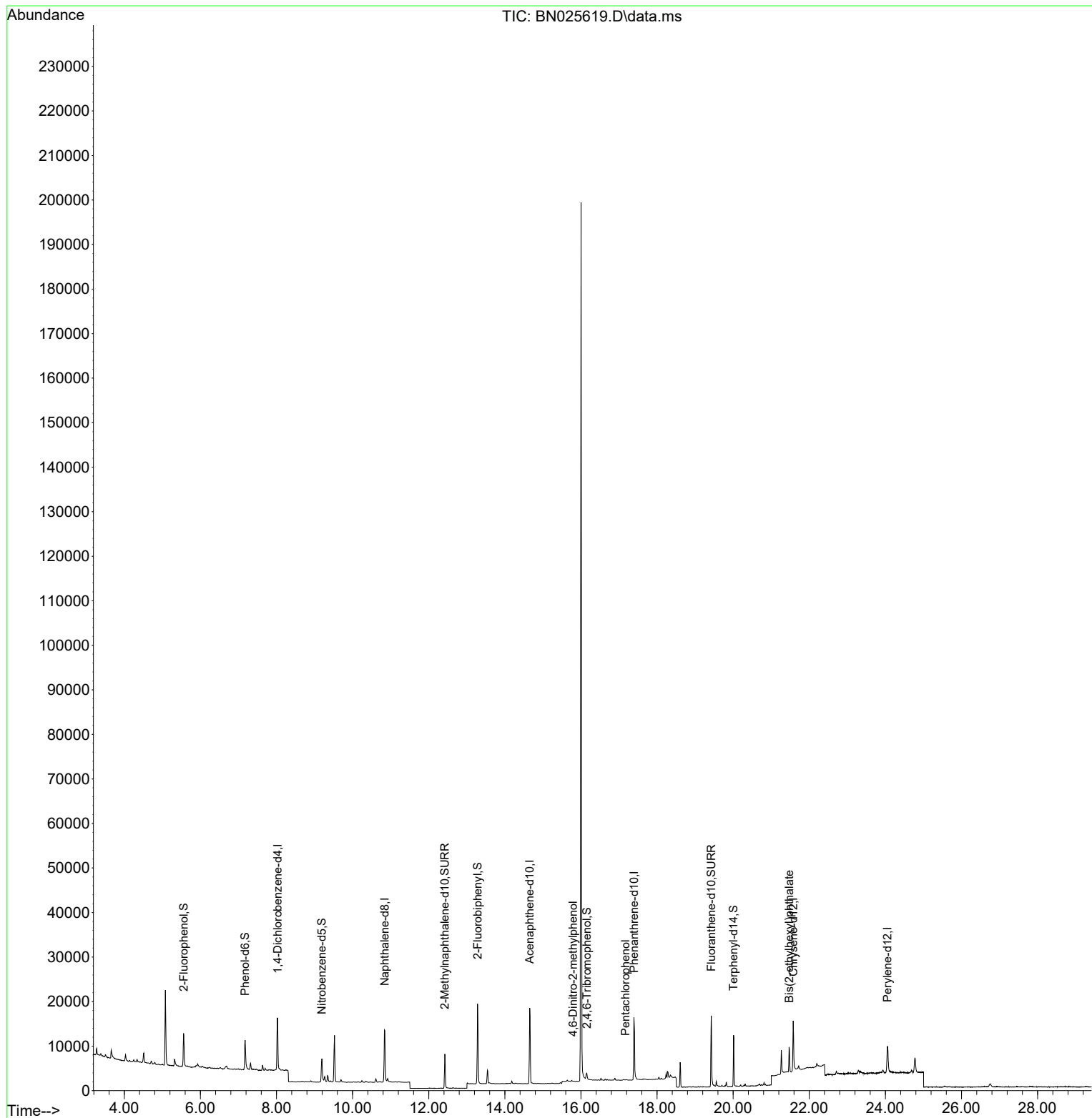
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.027	152	6339	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	17946	0.400	ng	0.00
13) Acenaphthene-d10	14.651	164	10344	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	20821	0.400	ng	0.00
29) Chrysene-d12	21.578	240	11609	0.400	ng	0.00
35) Perylene-d12	24.054	264	10261	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	6570	0.405	ng	0.00
5) Phenol-d6	7.174	99	7537	0.387	ng	0.00
8) Nitrobenzene-d5	9.191	82	5002	0.333	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	10939	0.427	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	938	0.449	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	15786	0.370	ng	0.00
27) Fluoranthene-d10	19.426	212	18082	0.383	ng	0.00
31) Terphenyl-d14	20.011	244	10620	0.418	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.792	198	6	0.115	ng	# 1
24) Pentachlorophenol	17.170	266	9	0.372	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.471	149	5686	0.216	ng	98

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

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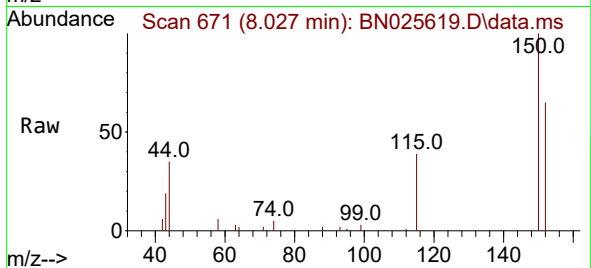
Quant Time: May 27 04:17:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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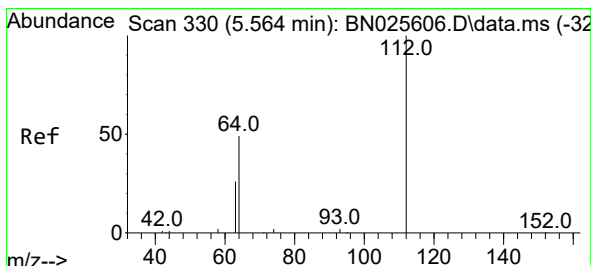
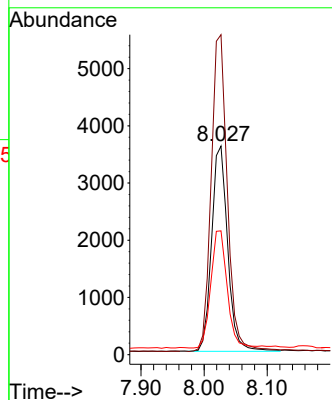
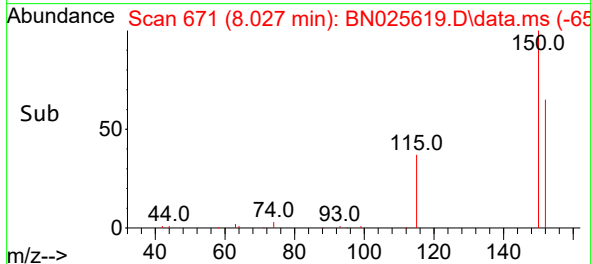


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.027 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025619.D
Acq: 26 May 2023 21:18

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD

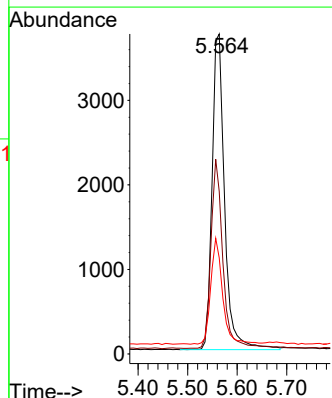
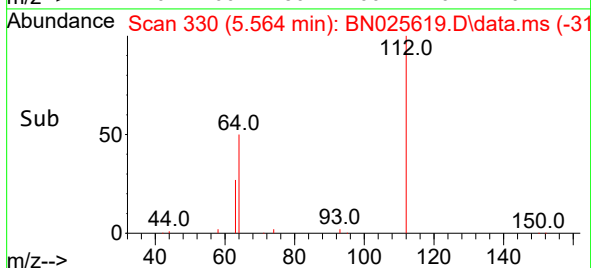
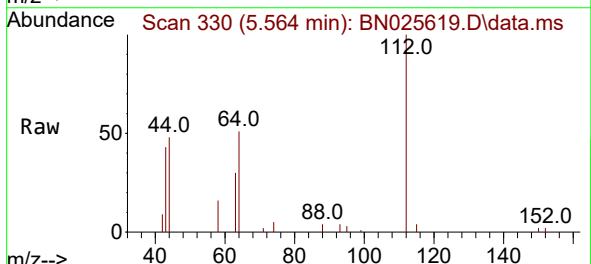


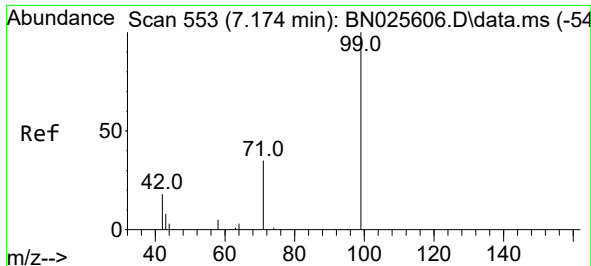
Tgt Ion:152 Resp: 6339
Ion Ratio Lower Upper
152 100
150 153.4 121.0 181.6
115 59.3 48.5 72.7



#4
2-Fluorophenol
Concen: 0.405 ng
RT: 5.564 min Scan# 330
Delta R.T. 0.000 min
Lab File: BN025619.D
Acq: 26 May 2023 21:18

Tgt Ion:112 Resp: 6570
Ion Ratio Lower Upper
112 100
64 57.2 45.7 68.5
63 31.6 26.2 39.2

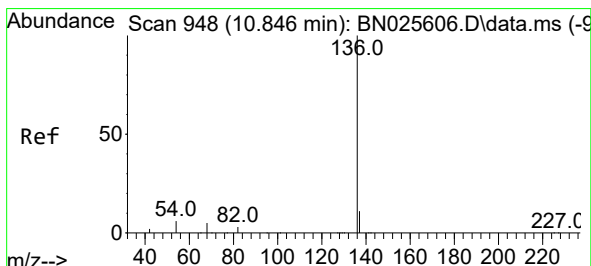
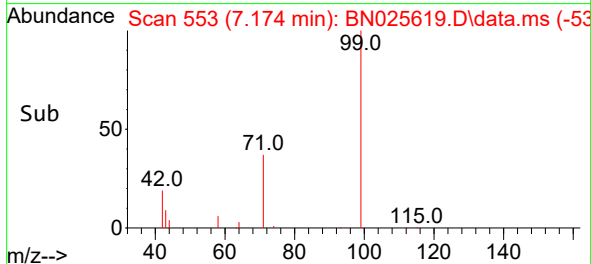
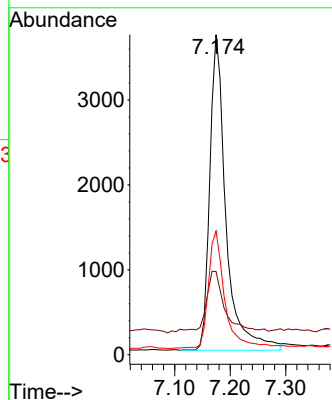
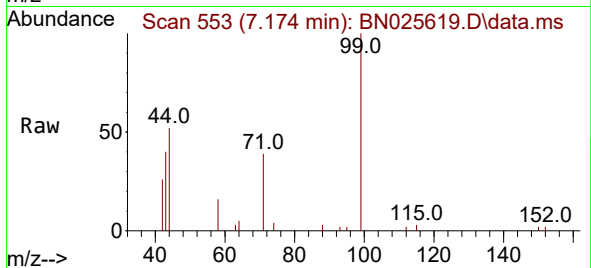




#5
Phenol-d6
Concen: 0.387 ng
RT: 7.174 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN025619.D
Acq: 26 May 2023 21:18

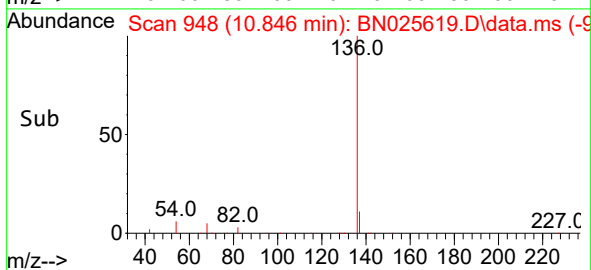
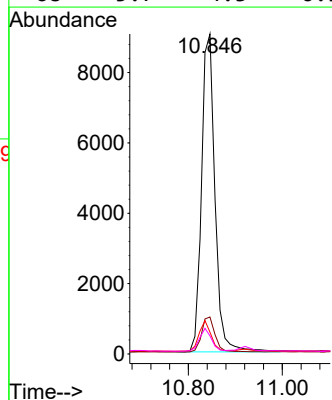
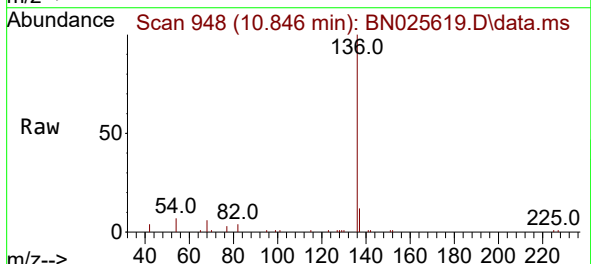
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD

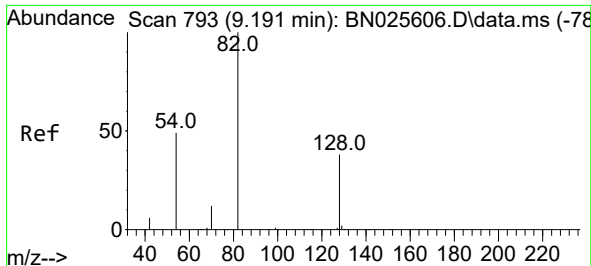
Tgt Ion: 99 Resp: 7537
Ion Ratio Lower Upper
99 100
42 23.6 17.1 25.7
71 38.3 29.3 43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN025619.D
Acq: 26 May 2023 21:18

Tgt Ion: 136 Resp: 17946
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 6.8 5.4 8.0
68 5.7 4.3 6.5

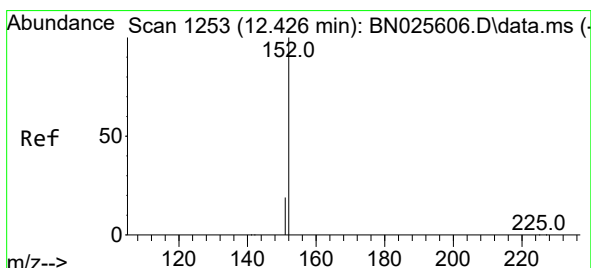
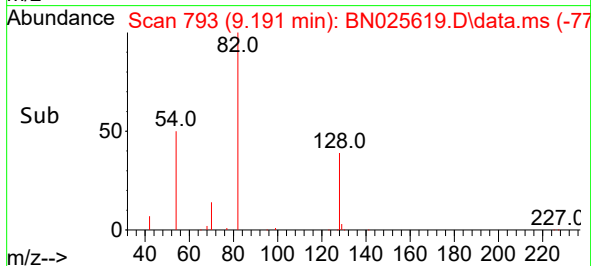
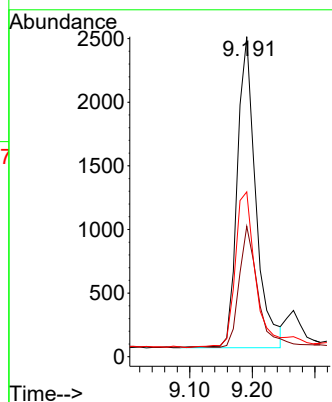
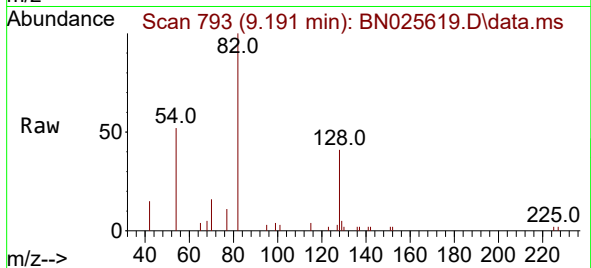




#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 9.191 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN025619.D
Acq: 26 May 2023 21:18

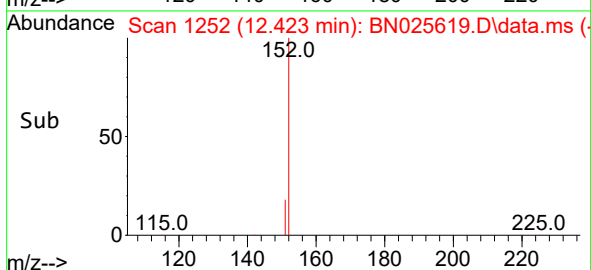
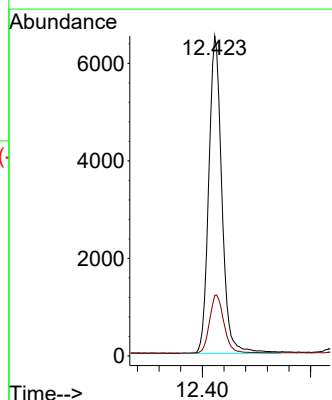
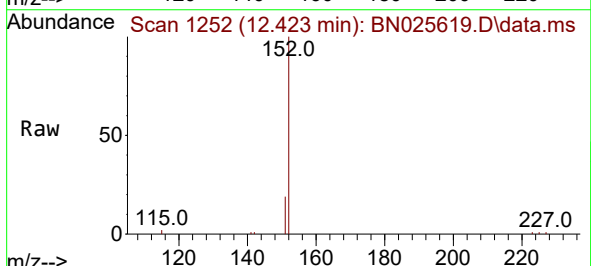
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD

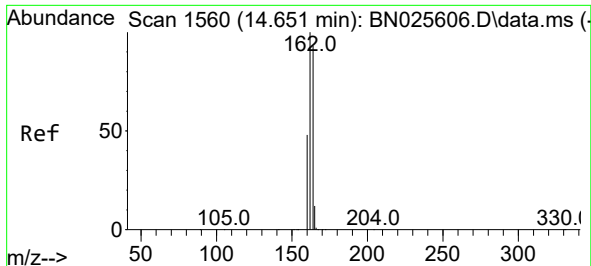
Tgt Ion: 82 Resp: 5002
Ion Ratio Lower Upper
82 100
128 40.8 32.5 48.7
54 51.5 40.6 60.8



#11
2-Methylnaphthalene-d10
Concen: 0.427 ng
RT: 12.423 min Scan# 1252
Delta R.T. -0.004 min
Lab File: BN025619.D
Acq: 26 May 2023 21:18

Tgt Ion: 152 Resp: 10939
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1

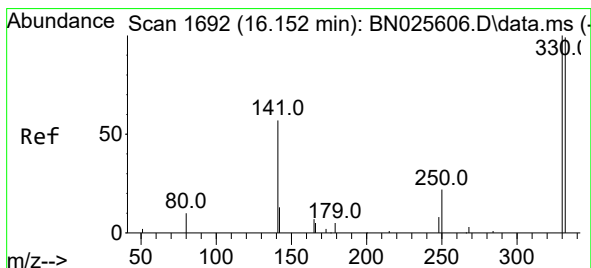
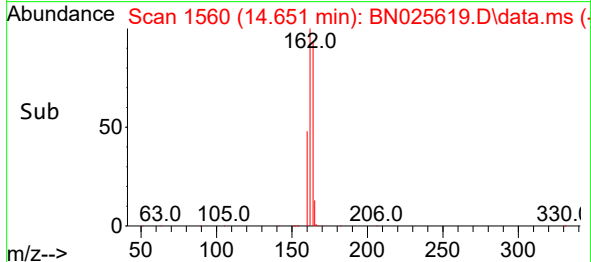
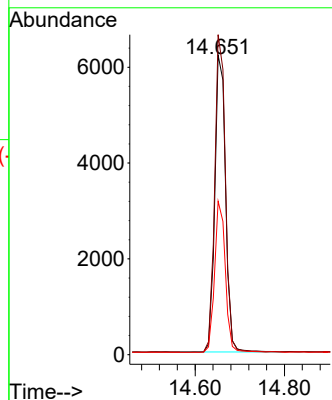
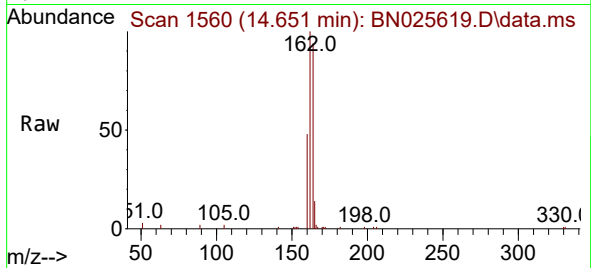




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BN025619.D
Acq: 26 May 2023 21:18

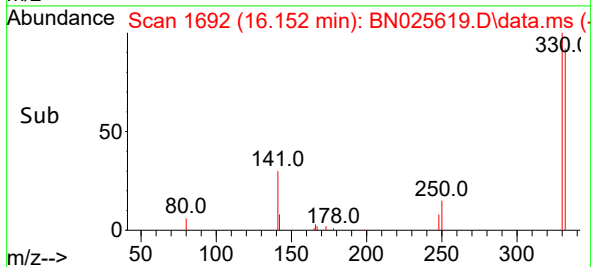
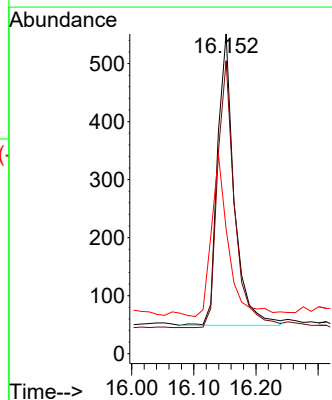
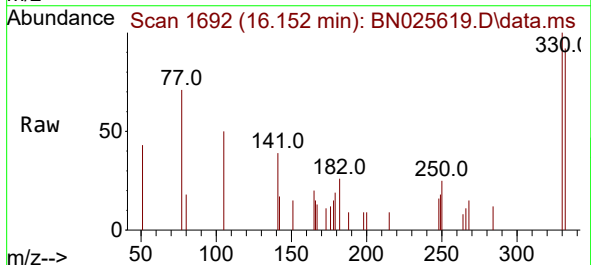
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CB-32-G3-SO-55.5-051823-FD

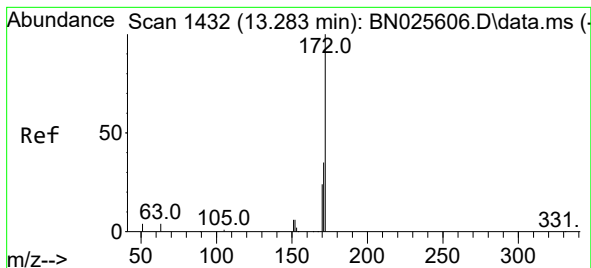
Tgt Ion:164 Resp: 10344
Ion Ratio Lower Upper
164 100
162 106.9 86.4 129.6
160 51.3 41.9 62.9



#14
2,4,6-Tribromophenol
Concen: 0.449 ng
RT: 16.152 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN025619.D
Acq: 26 May 2023 21:18

Tgt Ion:330 Resp: 938
Ion Ratio Lower Upper
330 100
332 93.8 80.0 120.0
141 57.8 45.8 68.6

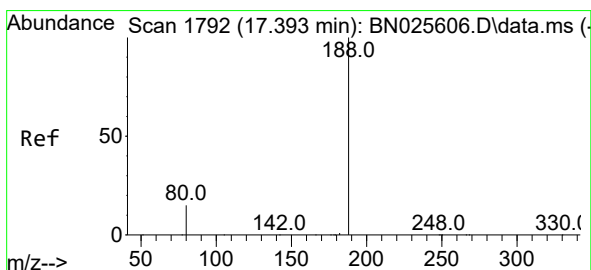
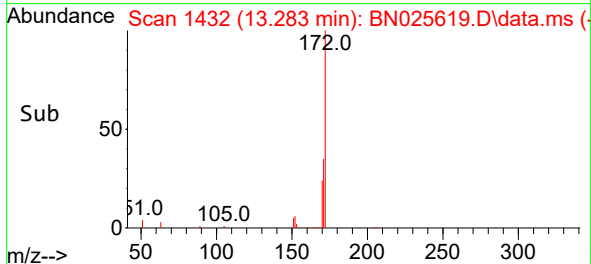
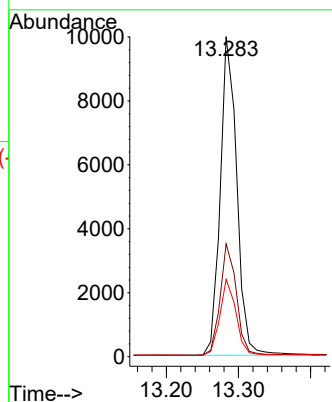
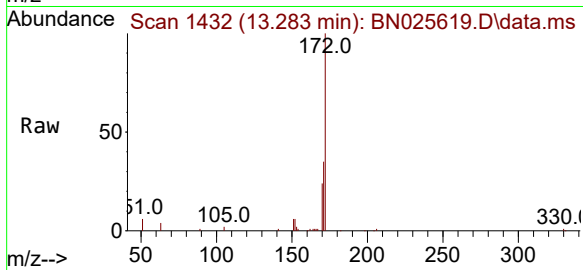




#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN025619.D
Acq: 26 May 2023 21:18

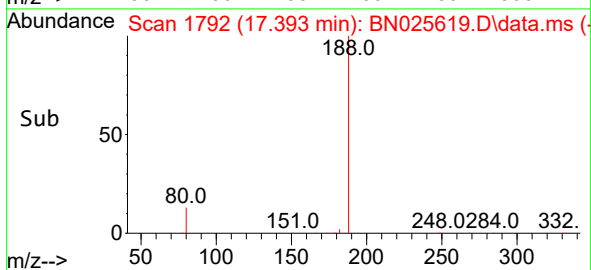
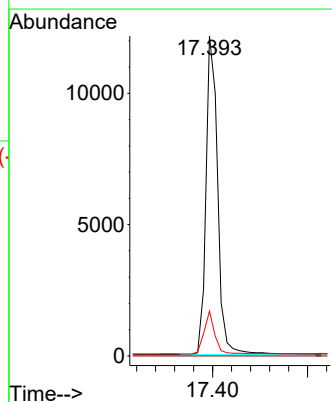
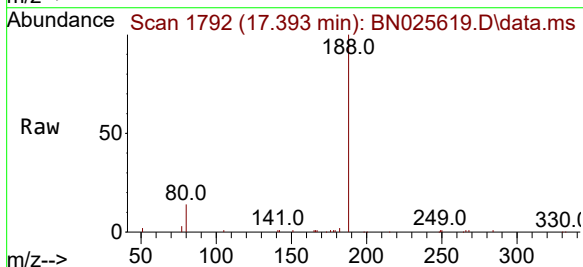
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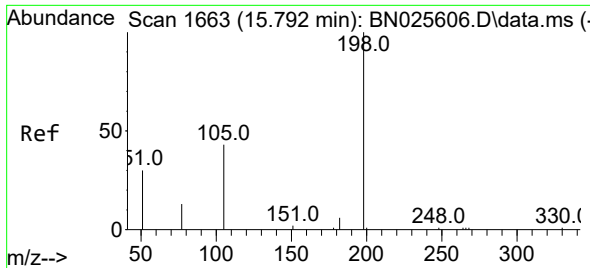
Tgt Ion:172 Resp: 15786
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 24.1 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BN025619.D
Acq: 26 May 2023 21:18

Tgt Ion:188 Resp: 20821
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 12.2 18.2

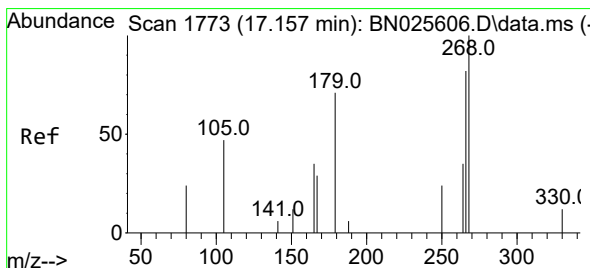
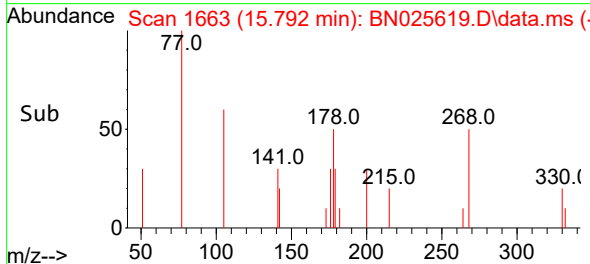
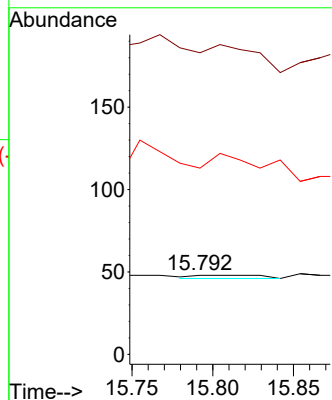
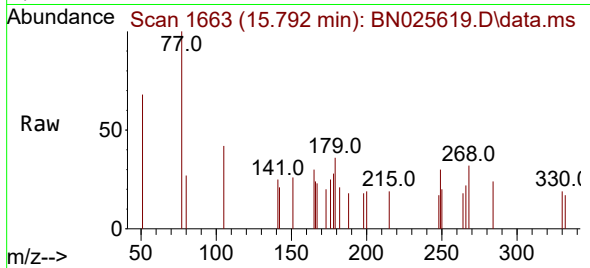




#20
4,6-Dinitro-2-methylphenol
Concen: 0.115 ng
RT: 15.792 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BN025619.D
Acq: 26 May 2023 21:18

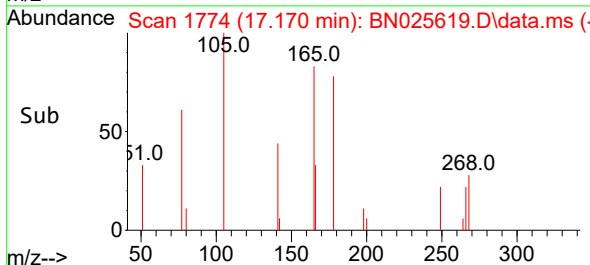
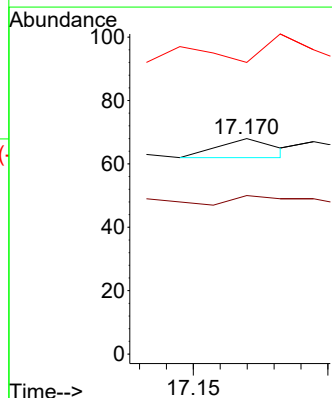
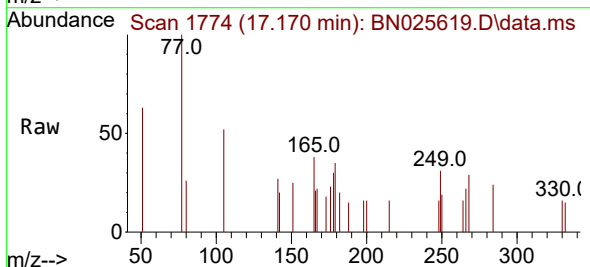
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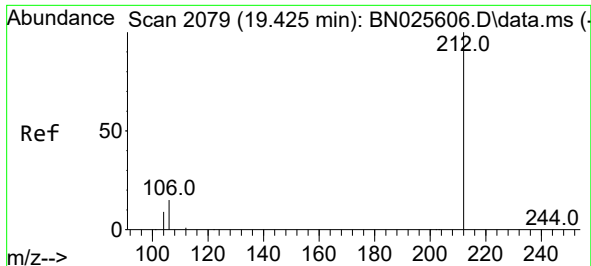
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 381.3 110.8 166.2#
105 235.4 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.372 ng
RT: 17.170 min Scan# 1774
Delta R.T. 0.013 min
Lab File: BN025619.D
Acq: 26 May 2023 21:18

Tgt Ion:266 Resp: 9
Ion Ratio Lower Upper
266 100
264 88.9 60.0 90.0
268 311.1 0.0 0.0#

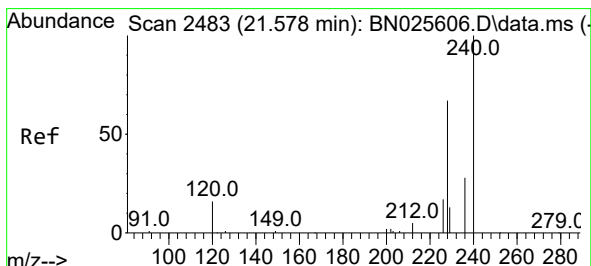
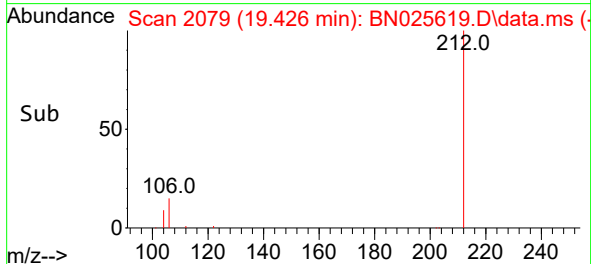
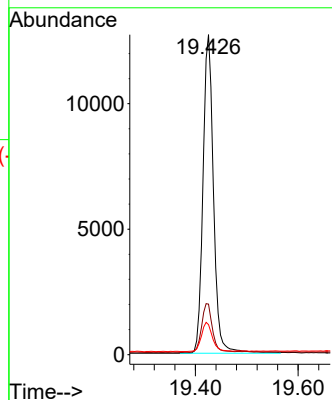
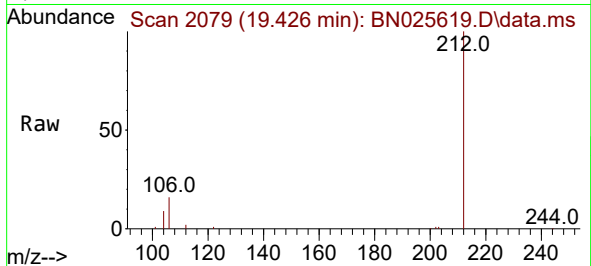




#27
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.426 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BN025619.D
Acq: 26 May 2023 21:18

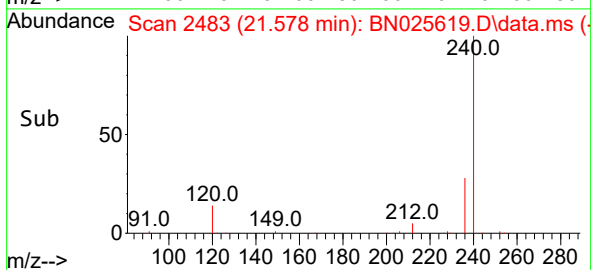
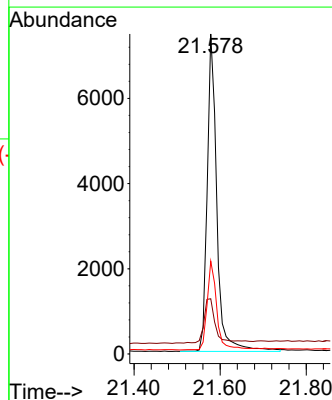
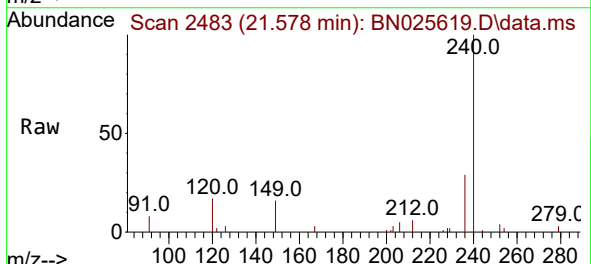
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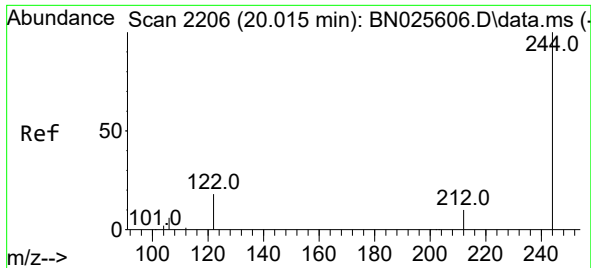
Tgt Ion:212 Resp: 18082
Ion Ratio Lower Upper
212 100
106 15.7 12.3 18.5
104 9.5 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN025619.D
Acq: 26 May 2023 21:18

Tgt Ion:240 Resp: 11609
Ion Ratio Lower Upper
240 100
120 17.2 15.4 23.0
236 29.0 23.2 34.8

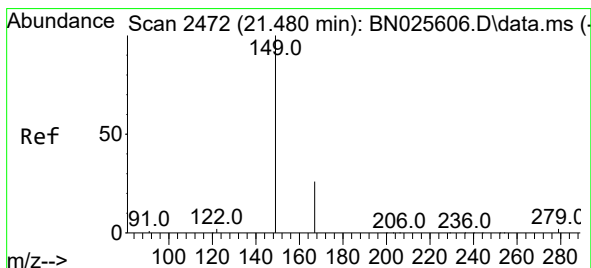
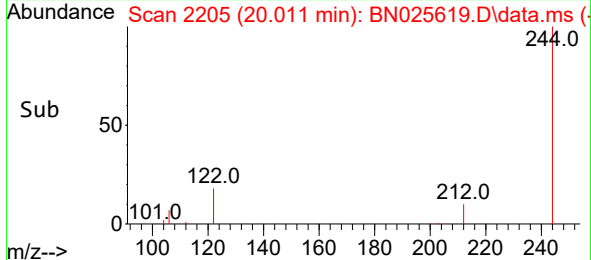
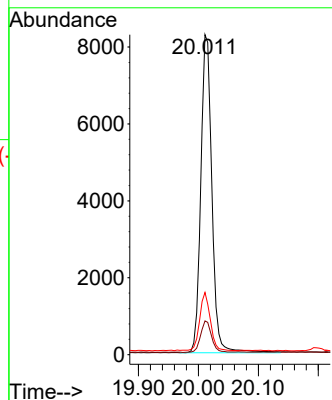
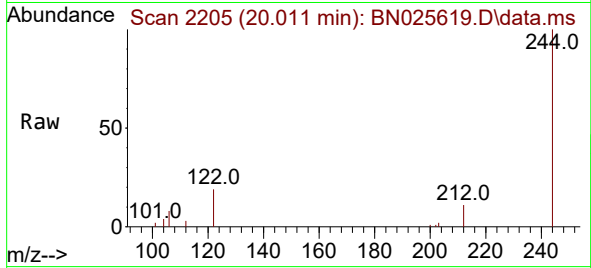




#31
 Terphenyl-d14
 Concen: 0.418 ng
 RT: 20.011 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN025619.D
 Acq: 26 May 2023 21:18

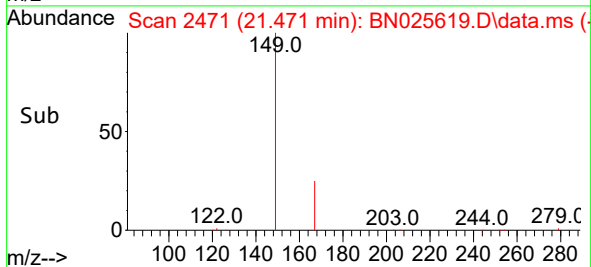
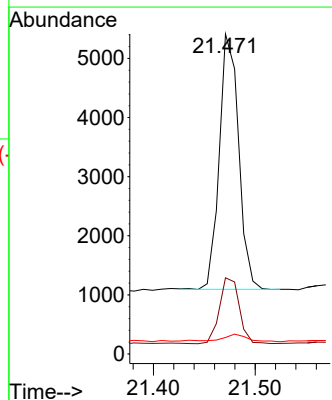
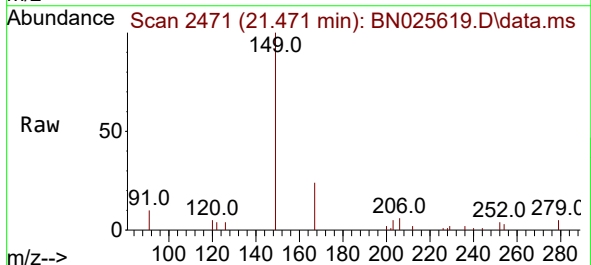
Instrument :
 BNA_N
 ClientSampleId :
 CB-32-G3-SO-55.5-051823-FD

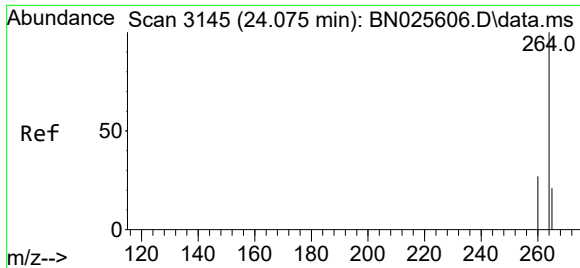
Tgt Ion:244 Resp: 10620
 Ion Ratio Lower Upper
 244 100
 212 10.6 8.5 12.7
 122 19.5 14.9 22.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.216 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BN025619.D
 Acq: 26 May 2023 21:18

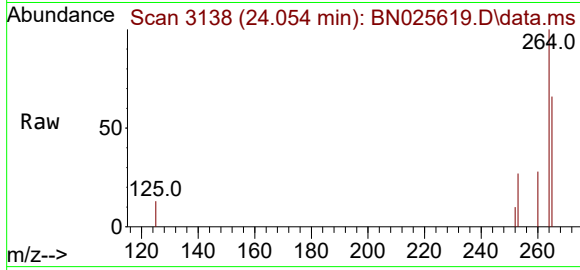
Tgt Ion:149 Resp: 5686
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.4 30.6
 279 4.5 3.3 4.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.054 min Scan# 314
 Delta R.T. -0.020 min
 Lab File: BN025619.D
 Acq: 26 May 2023 21:18

Instrument :
 BNA_N
 ClientSampleId :
 CB-32-G3-SO-55.5-051823-FD



Tgt Ion:264 Resp: 10261

Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.3	33.5
265	65.6	54.3	81.5

