

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025620.D
 Acq On : 26 May 2023 21:54
 Operator : CG/JU
 Sample : 02852-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-32-G3-SO-62.5-051823

Quant Time: May 27 04:17:43 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)

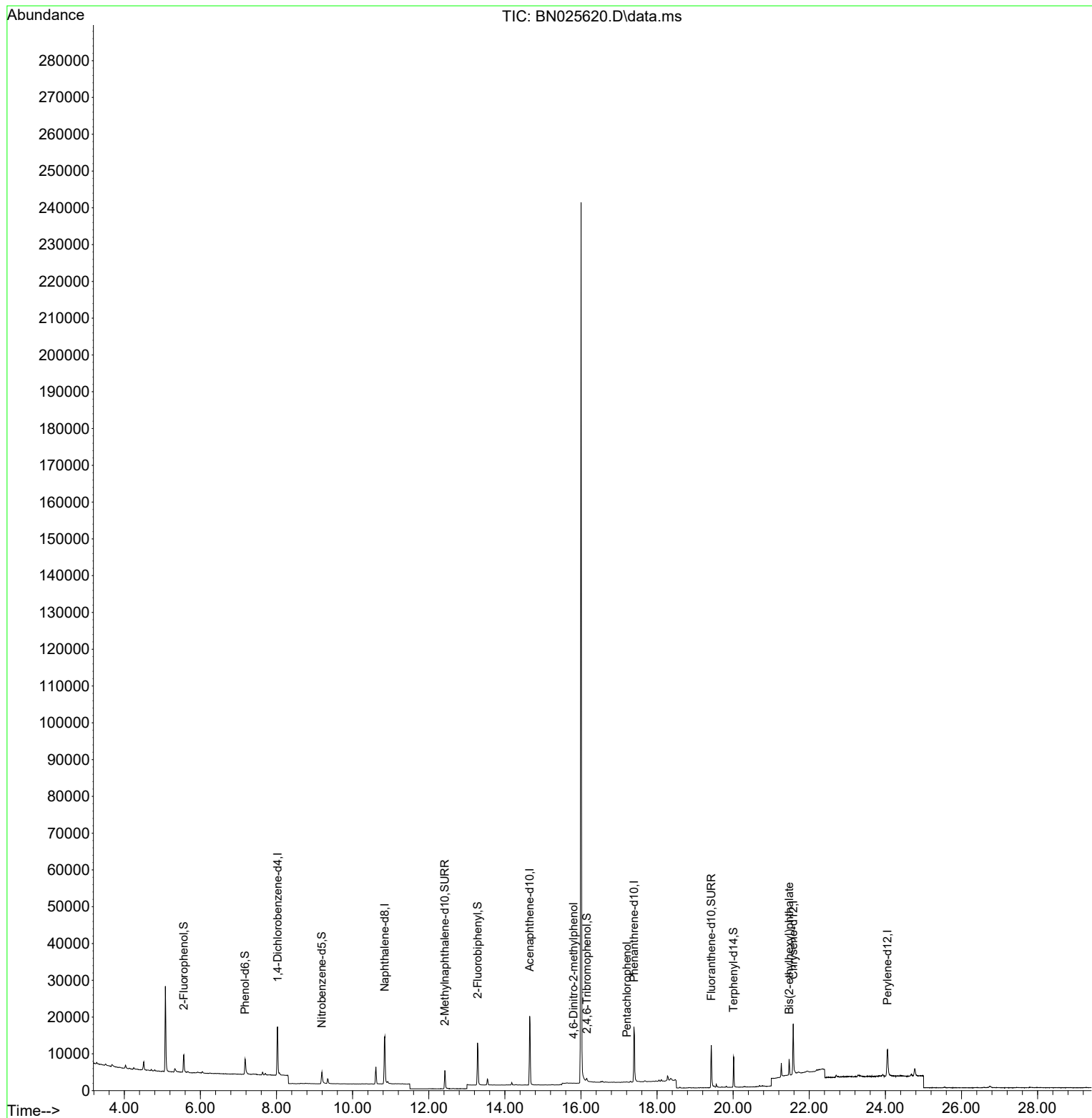
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.027	152	7145	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	20328	0.400	ng	0.00
13) Acenaphthene-d10	14.651	164	11610	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	23336	0.400	ng	0.00
29) Chrysene-d12	21.578	240	14105	0.400	ng	0.00
35) Perylene-d12	24.054	264	12141	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	4475	0.244	ng	0.00
5) Phenol-d6	7.174	99	5029	0.229	ng	0.00
8) Nitrobenzene-d5	9.191	82	3401	0.200	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	7454	0.257	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	494	0.210	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	10876	0.227	ng	0.00
27) Fluoranthene-d10	19.425	212	13503	0.255	ng	0.00
31) Terphenyl-d14	20.011	244	8114	0.263	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.804	198	7	0.116	ng	# 1
24) Pentachlorophenol	17.207	266	34	0.389	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.471	149	4140	0.129	ng	# 98

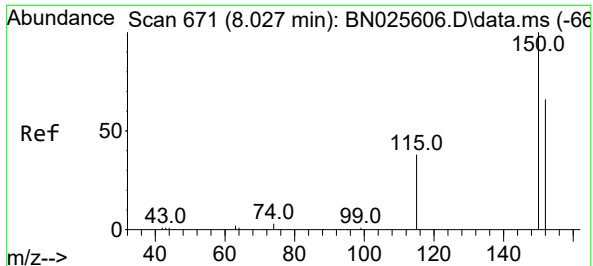
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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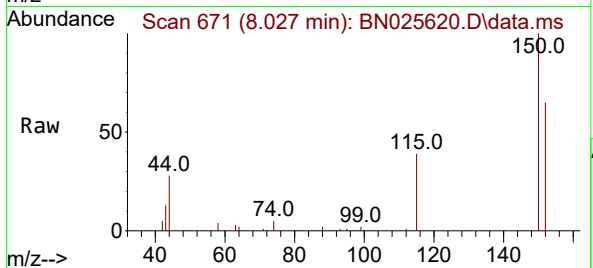
Quant Time: May 27 04:17:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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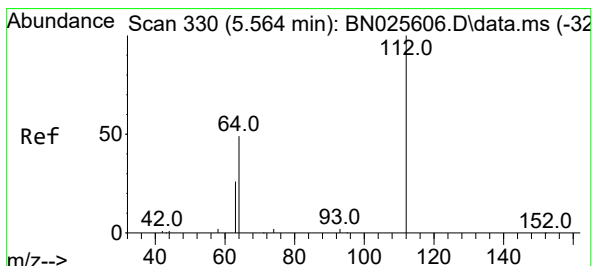
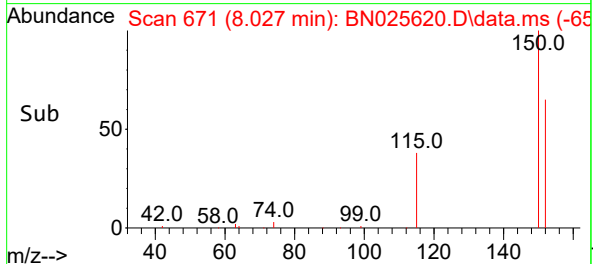
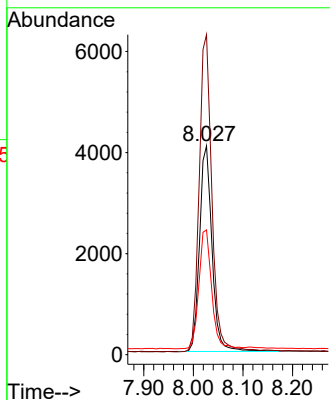


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.027 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025620.D
Acq: 26 May 2023 21:54

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-62.5-051823

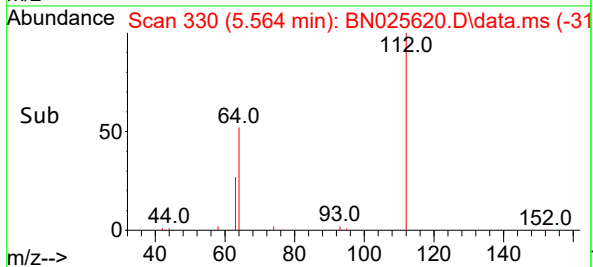
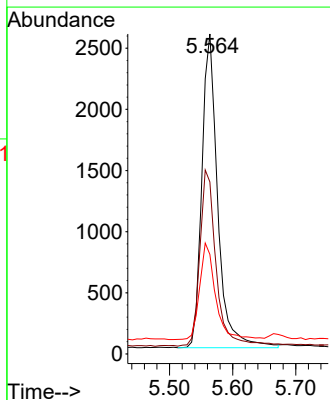
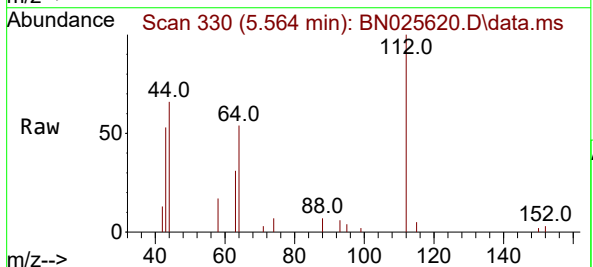


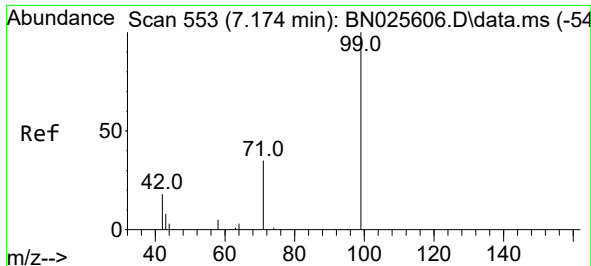
Tgt Ion:152 Resp: 7145
Ion Ratio Lower Upper
152 100
150 153.3 121.0 181.6
115 59.8 48.5 72.7



#4
2-Fluorophenol
Concen: 0.244 ng
RT: 5.564 min Scan# 330
Delta R.T. 0.000 min
Lab File: BN025620.D
Acq: 26 May 2023 21:54

Tgt Ion:112 Resp: 4475
Ion Ratio Lower Upper
112 100
64 57.8 45.7 68.5
63 30.6 26.2 39.2

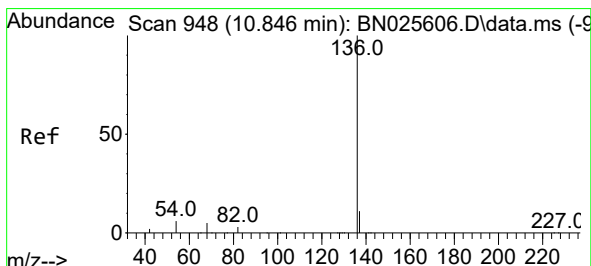
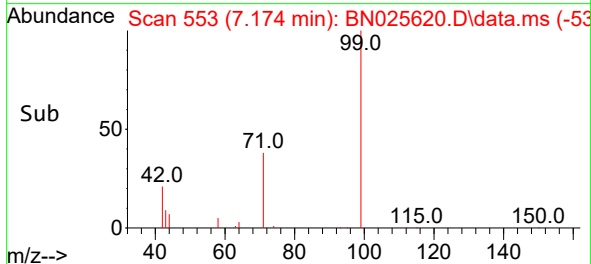
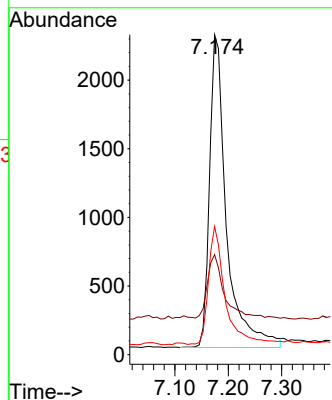
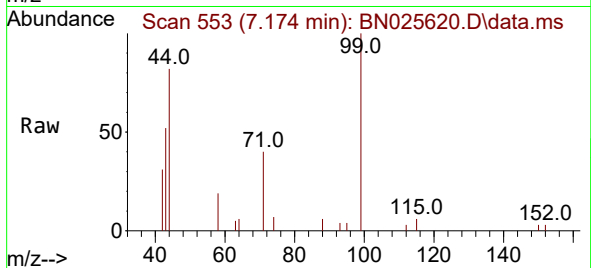




#5
Phenol-d6
Concen: 0.229 ng
RT: 7.174 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN025620.D
Acq: 26 May 2023 21:54

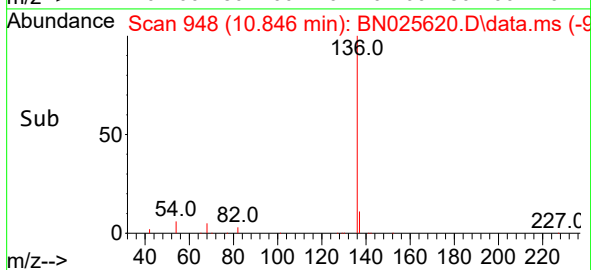
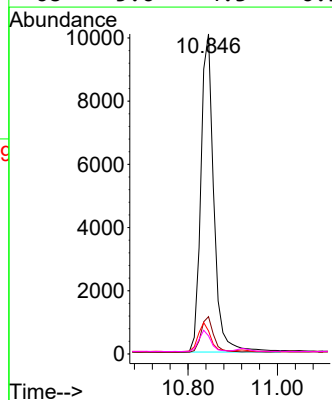
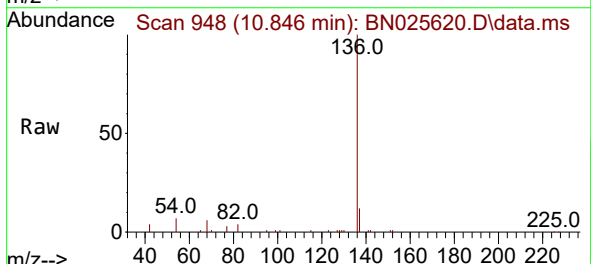
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-62.5-051823

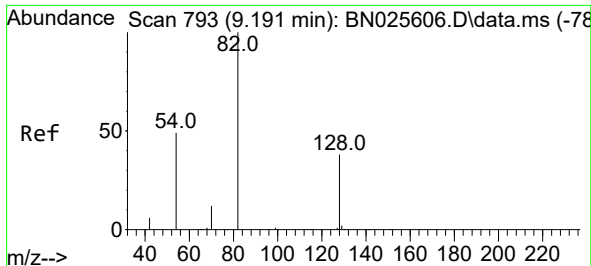
Tgt Ion: 99 Resp: 5029
Ion Ratio Lower Upper
99 100
42 20.1 17.1 25.7
71 37.1 29.3 43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN025620.D
Acq: 26 May 2023 21:54

Tgt Ion: 136 Resp: 20328
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 7.2 5.4 8.0
68 5.6 4.3 6.5

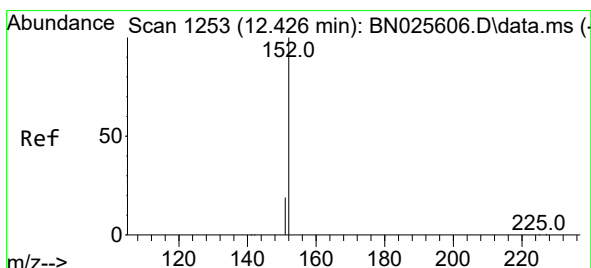
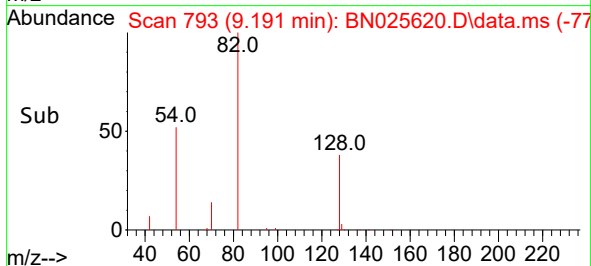
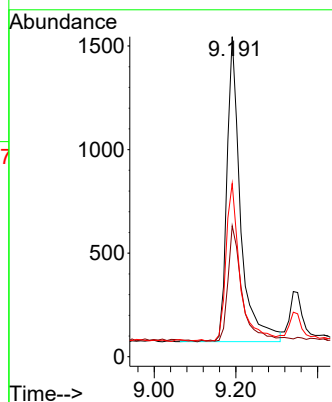
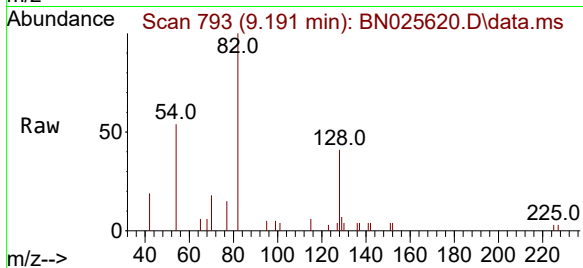




#8
 Nitrobenzene-d5
 Concen: 0.200 ng
 RT: 9.191 min Scan# 793
 Delta R.T. 0.000 min
 Lab File: BN025620.D
 Acq: 26 May 2023 21:54

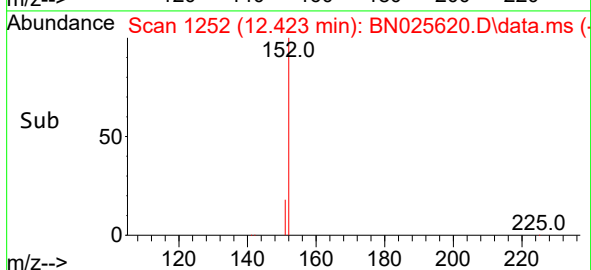
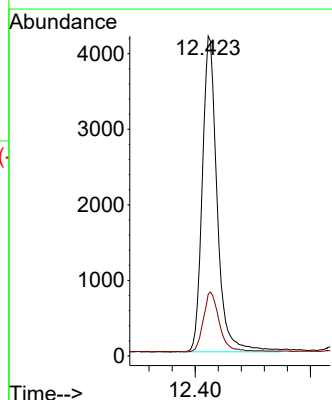
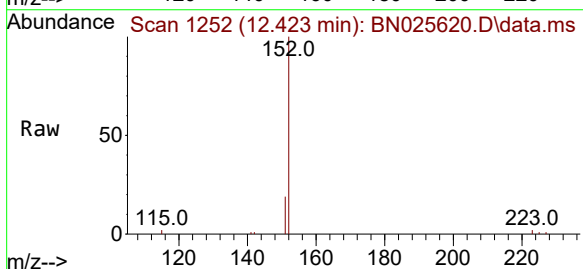
Instrument :
 BNA_N
 ClientSampleId :
 CB-32-G3-SO-62.5-051823

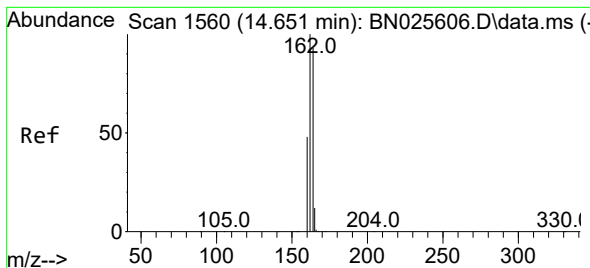
Tgt Ion: 82	Resp: 3401
Ion Ratio	Lower Upper
82	100
128	40.9 32.5 48.7
54	54.1 40.6 60.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.257 ng
 RT: 12.423 min Scan# 1252
 Delta R.T. -0.004 min
 Lab File: BN025620.D
 Acq: 26 May 2023 21:54

Tgt Ion: 152	Resp: 7454
Ion Ratio	Lower Upper
152	100
151	20.4 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: BN025620.D

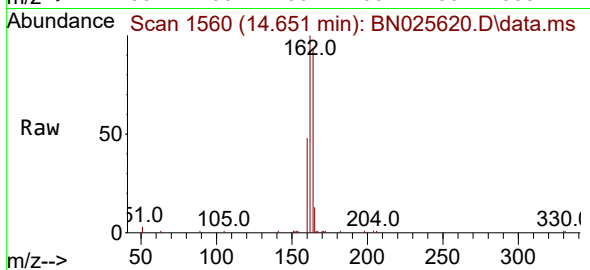
Acq: 26 May 2023 21:54

Instrument :

BNA_N

ClientSampleId :

CB-32-G3-SO-62.5-051823



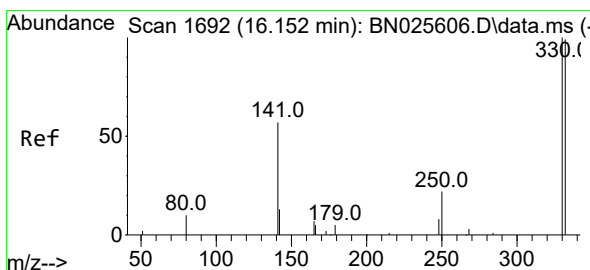
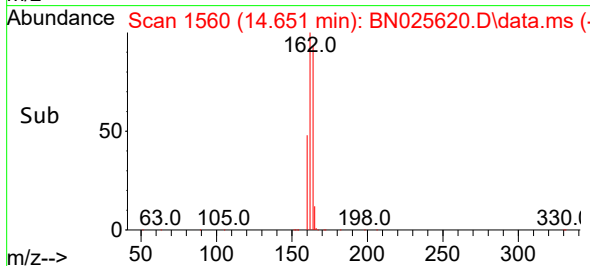
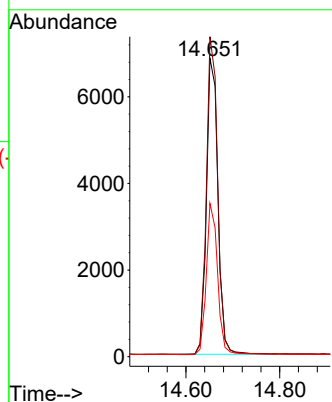
Tgt Ion:164 Resp: 11610

Ion Ratio Lower Upper

164 100

162 107.2 86.4 129.6

160 51.4 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: BN025620.D

Acq: 26 May 2023 21:54

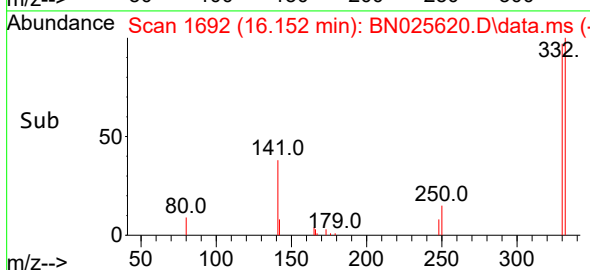
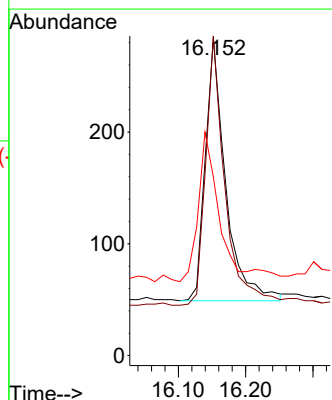
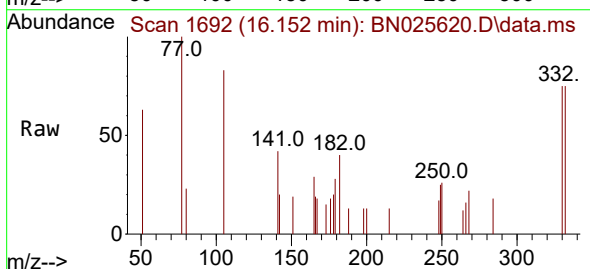
Tgt Ion:330 Resp: 494

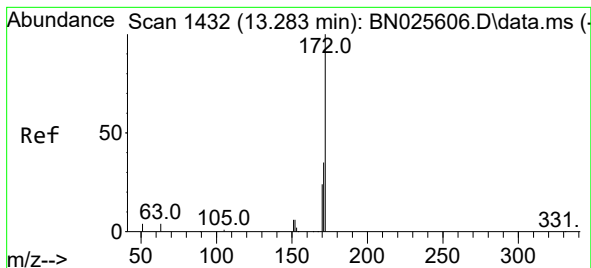
Ion Ratio Lower Upper

330 100

332 97.2 80.0 120.0

141 55.9 45.8 68.6

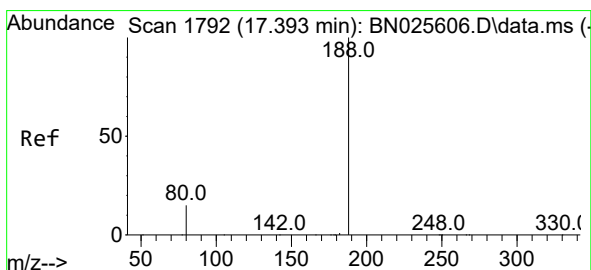
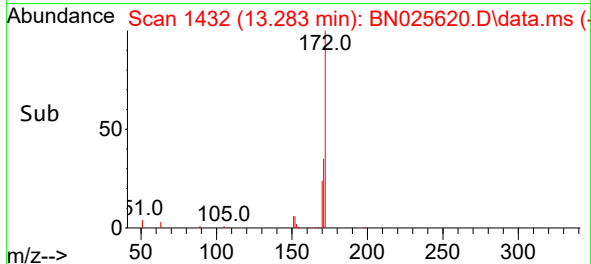
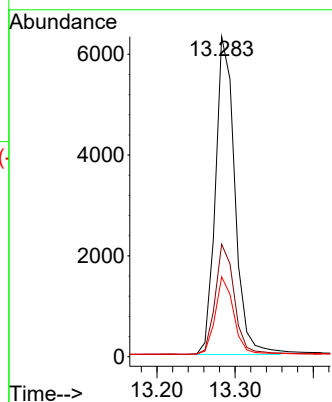
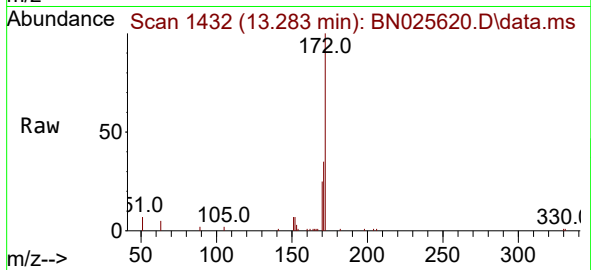




#15
2-Fluorobiphenyl
Concen: 0.227 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN025620.D
Acq: 26 May 2023 21:54

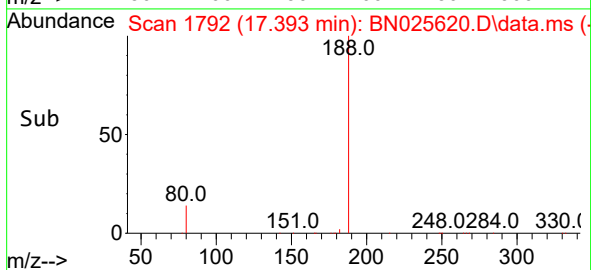
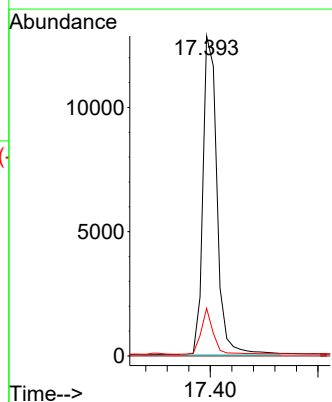
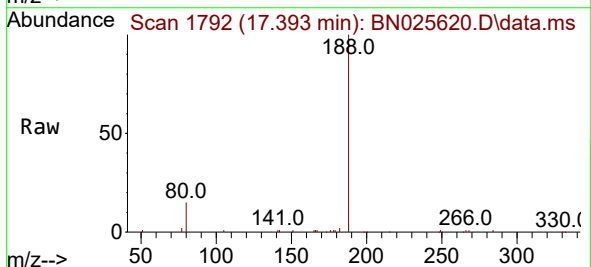
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ClientSampleId :
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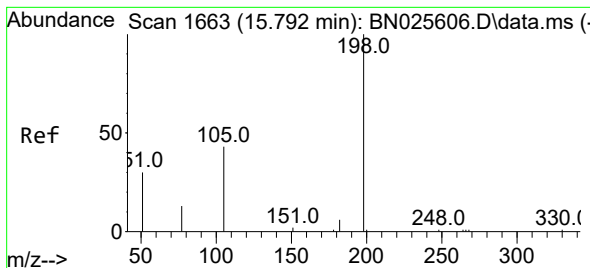
Tgt Ion:172 Resp: 10876
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 25.0 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN025620.D
Acq: 26 May 2023 21:54

Tgt Ion:188 Resp: 23336
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 12.2 18.2

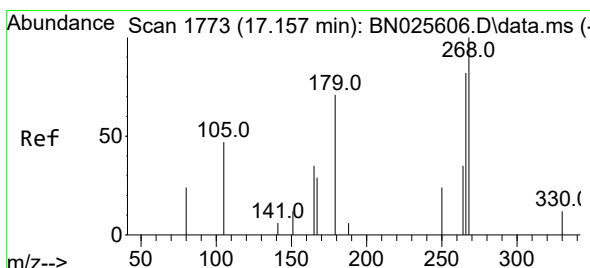
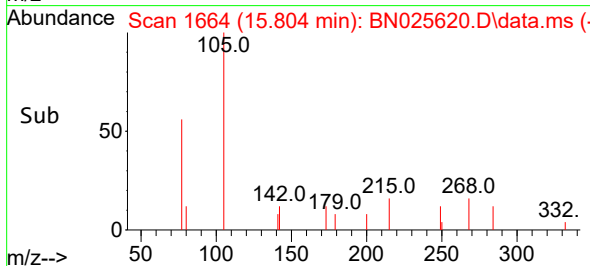
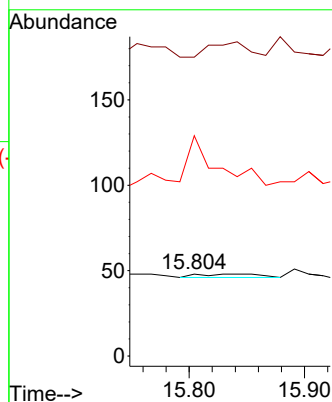
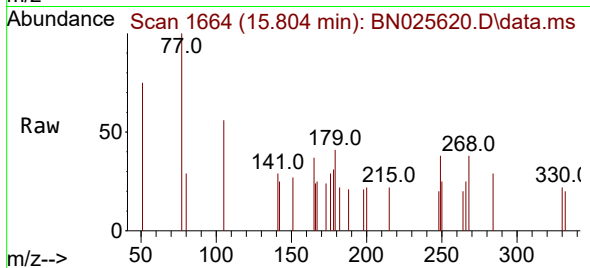




#20
4,6-Dinitro-2-methylphenol
Concen: 0.116 ng
RT: 15.804 min Scan# 1664
Delta R.T. 0.012 min
Lab File: BN025620.D
Acq: 26 May 2023 21:54

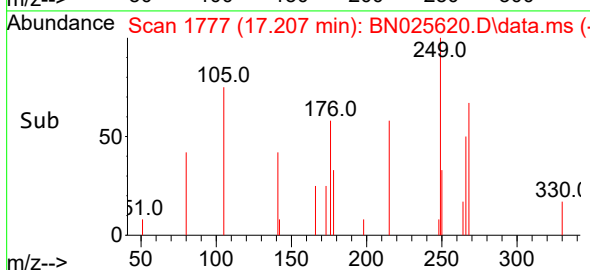
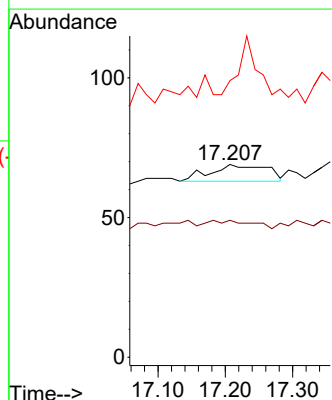
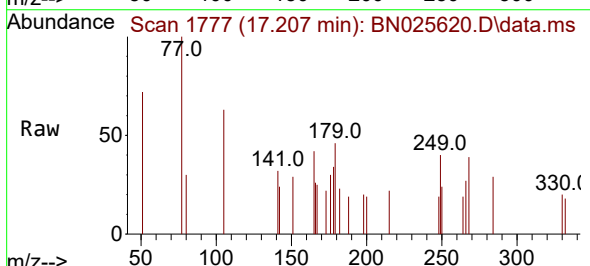
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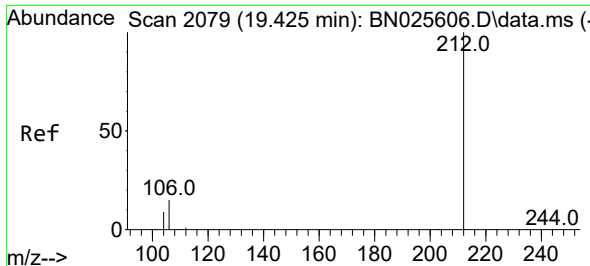
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 364.6 110.8 166.2#
105 268.8 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.389 ng
RT: 17.207 min Scan# 1777
Delta R.T. 0.050 min
Lab File: BN025620.D
Acq: 26 May 2023 21:54

Tgt Ion:266 Resp: 34
Ion Ratio Lower Upper
266 100
264 0.0 60.0 90.0#
268 0.0 0.0 0.0

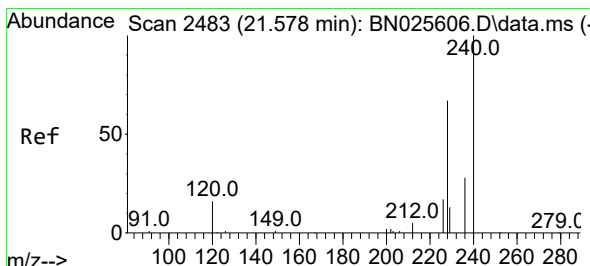
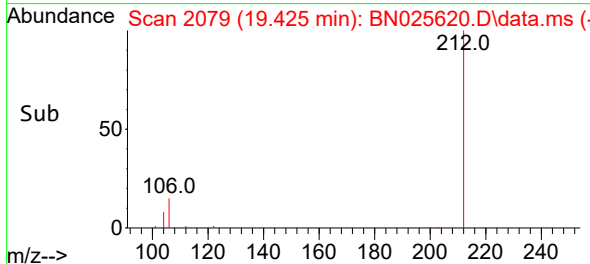
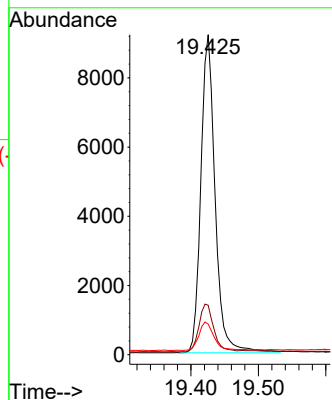
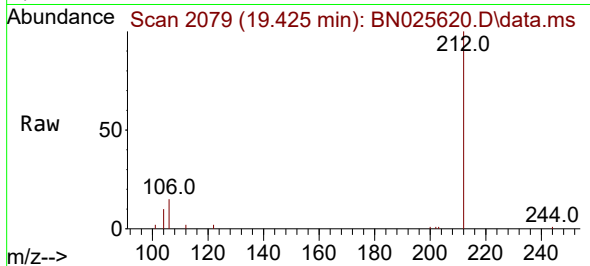




#27
Fluoranthene-d10
Concen: 0.255 ng
RT: 19.425 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BN025620.D
Acq: 26 May 2023 21:54

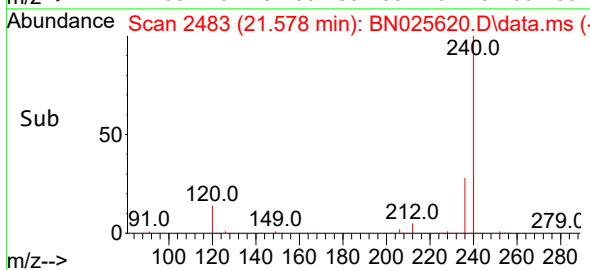
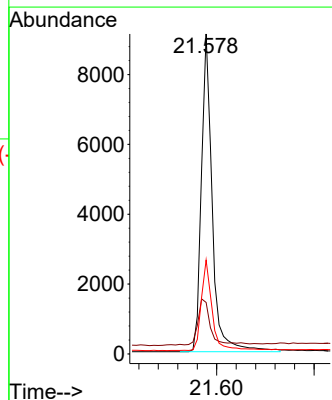
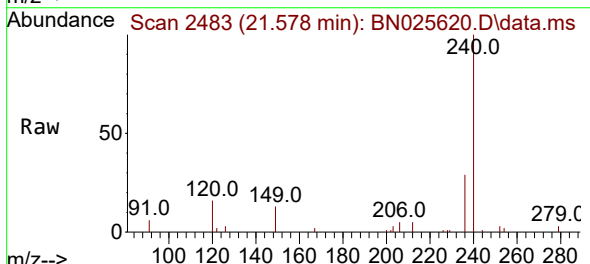
Instrument :
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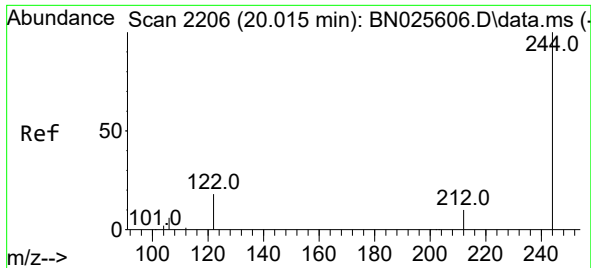
Tgt Ion:212 Resp: 13503
Ion Ratio Lower Upper
212 100
106 15.5 12.3 18.5
104 9.3 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN025620.D
Acq: 26 May 2023 21:54

Tgt Ion:240 Resp: 14105
Ion Ratio Lower Upper
240 100
120 16.1 15.4 23.0
236 29.3 23.2 34.8

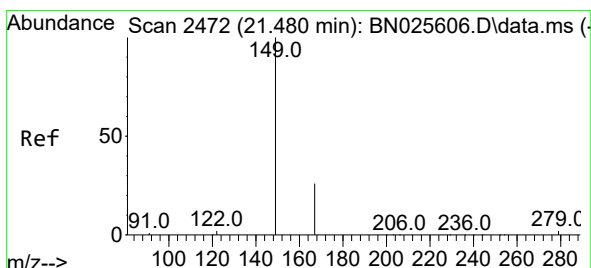
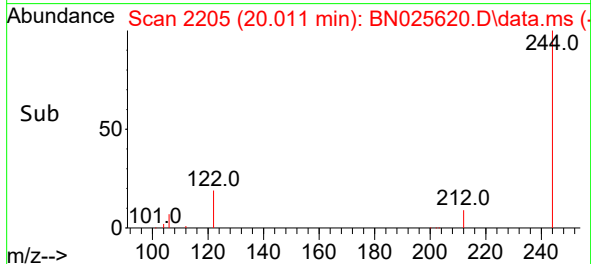
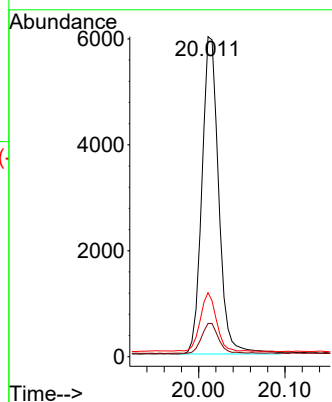
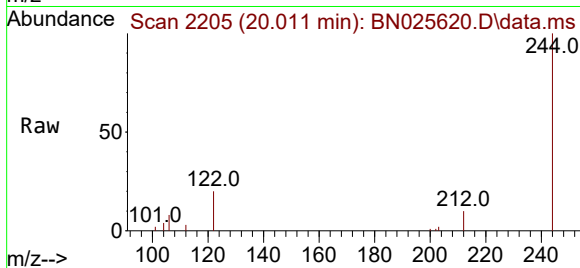




#31
 Terphenyl-d14
 Concen: 0.263 ng
 RT: 20.011 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN025620.D
 Acq: 26 May 2023 21:54

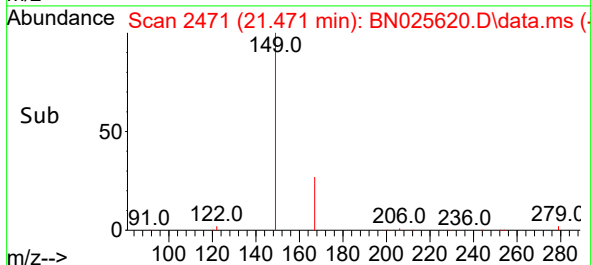
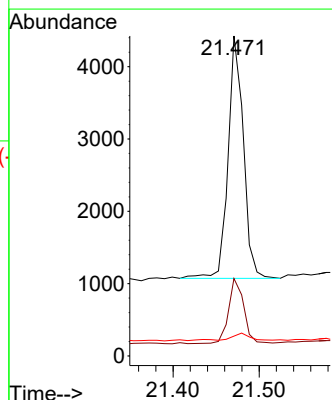
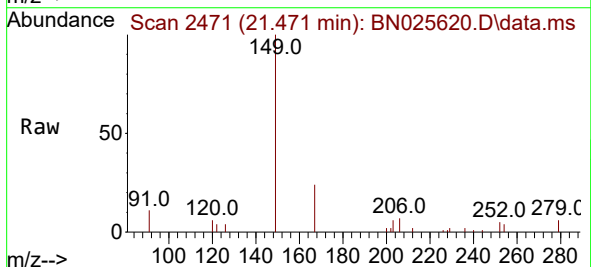
Instrument :
 BNA_N
 ClientSampleId :
 CB-32-G3-SO-62.5-051823

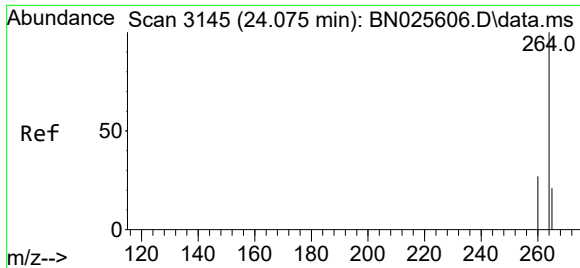
Tgt Ion:244 Resp: 8114
 Ion Ratio Lower Upper
 244 100
 212 10.4 8.5 12.7
 122 20.0 14.9 22.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.129 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BN025620.D
 Acq: 26 May 2023 21:54

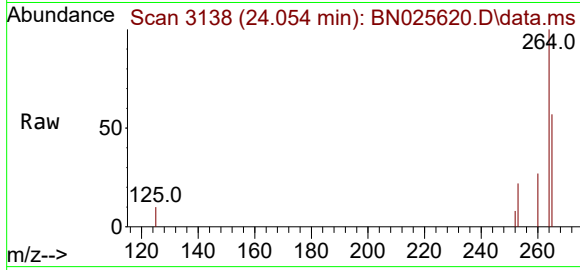
Tgt Ion:149 Resp: 4140
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.4 30.6
 279 3.1 3.3 4.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.054 min Scan# 31
Delta R.T. -0.020 min
Lab File: BN025620.D
Acq: 26 May 2023 21:54

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-62.5-051823



Tgt Ion:	264	Resp:	12141
Ion	Ratio	Lower	Upper
264	100		
260	27.3	22.3	33.5
265	56.9	54.3	81.5

