

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025682.D
 Acq On : 28 May 2023 15:38
 Operator : CG/JU
 Sample : PB153027BL
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB153027BL

Quant Time: May 29 01:39:22 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)

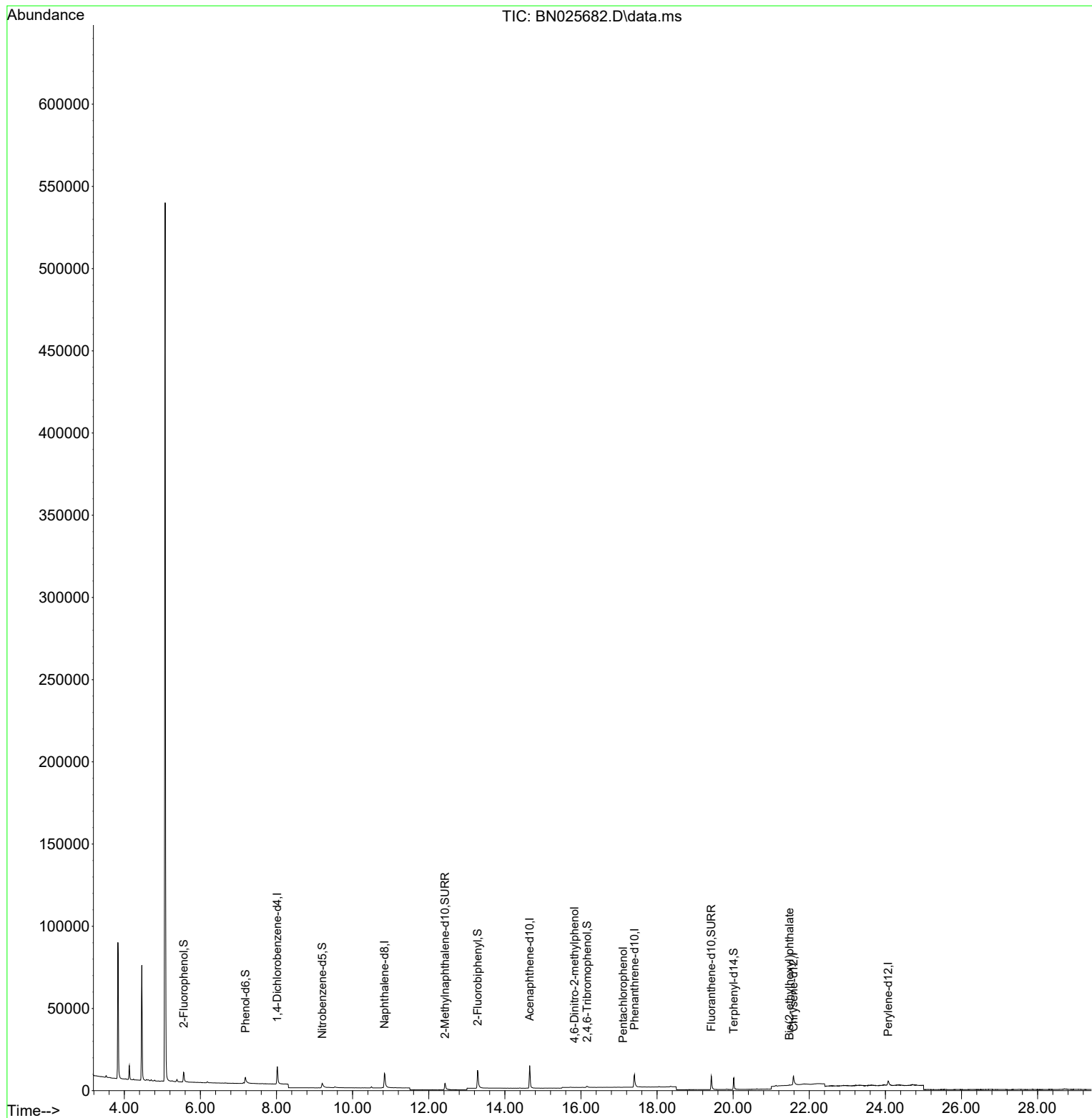
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	6485	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	17061	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9036	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	15545	0.400	ng	# 0.01
29) Chrysene-d12	21.587	240	7428	0.400	ng	0.00
35) Perylene-d12	24.075	264	5212	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	6162	0.371	ng	0.00
5) Phenol-d6	7.182	99	6032	0.303	ng	0.00
8) Nitrobenzene-d5	9.202	82	4519	0.316	ng	0.01
11) 2-Methylnaphthalene-d10	12.427	152	8769	0.360	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	595	0.326	ng	0.01
15) 2-Fluorobiphenyl	13.283	172	13060	0.350	ng	0.00
27) Fluoranthene-d10	19.426	212	11727	0.333	ng	0.00
31) Terphenyl-d14	20.015	244	8409	0.517	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.829	198	5	0.116	ng	# 1
24) Pentachlorophenol	17.108	266	10	0.375	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.480	149	431	0.026	ng	# 96

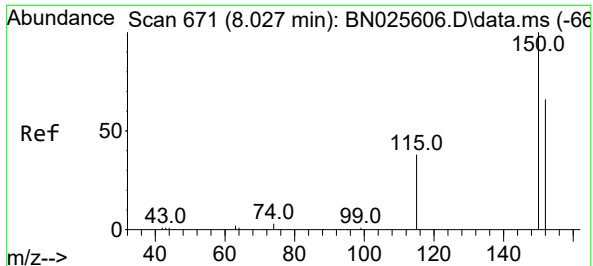
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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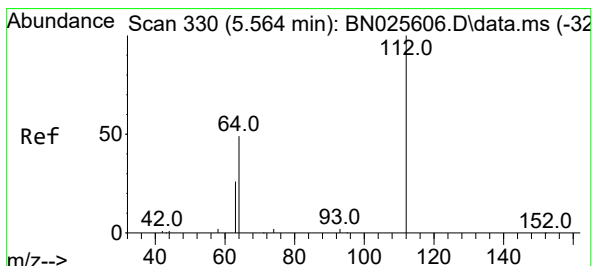
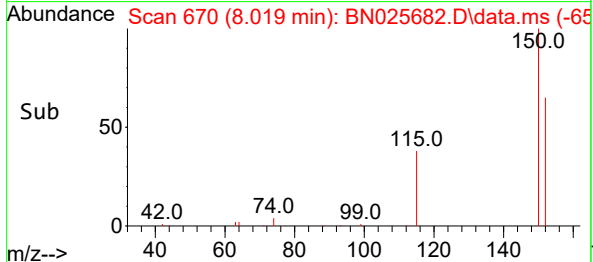
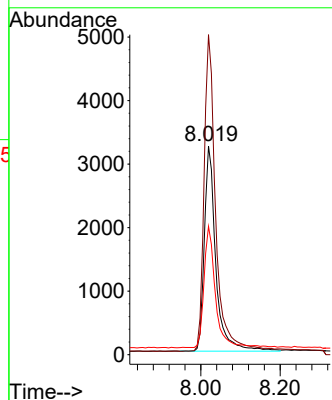
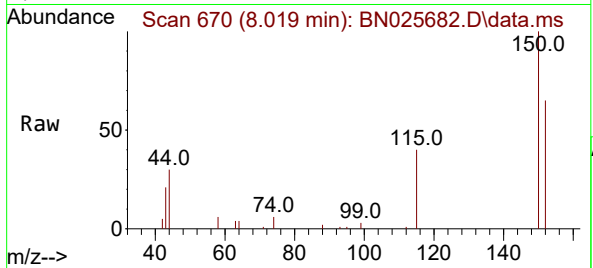




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025682.D
Acq: 28 May 2023 15:38

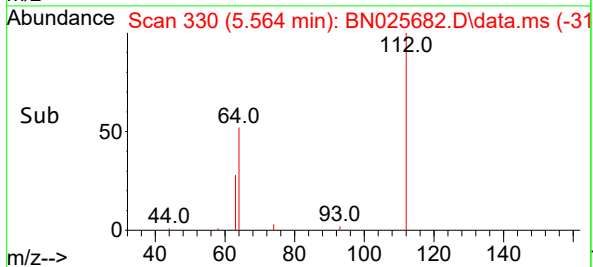
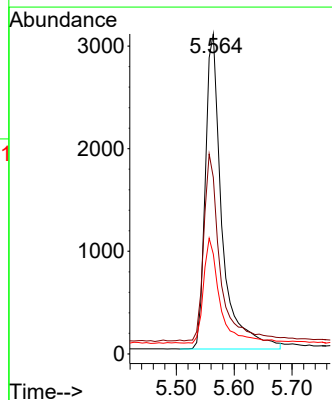
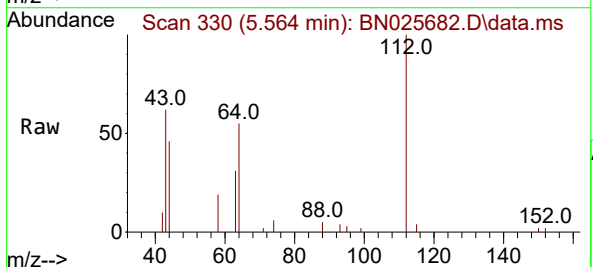
Instrument :
BNA_N
ClientSampleId :
PB153027BL

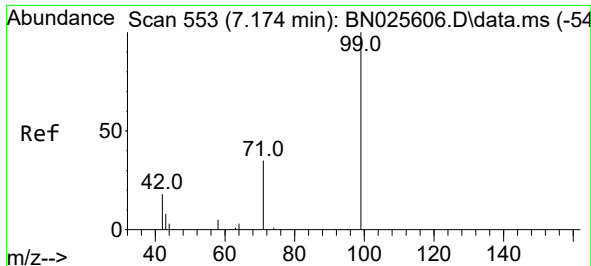
Tgt Ion:152 Resp: 6485
Ion Ratio Lower Upper
152 100
150 153.4 121.0 181.6
115 61.5 48.5 72.7



#4
2-Fluorophenol
Concen: 0.371 ng
RT: 5.564 min Scan# 330
Delta R.T. 0.007 min
Lab File: BN025682.D
Acq: 28 May 2023 15:38

Tgt Ion:112 Resp: 6162
Ion Ratio Lower Upper
112 100
64 58.0 45.7 68.5
63 32.8 26.2 39.2

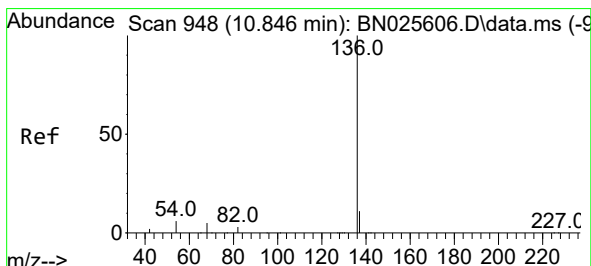
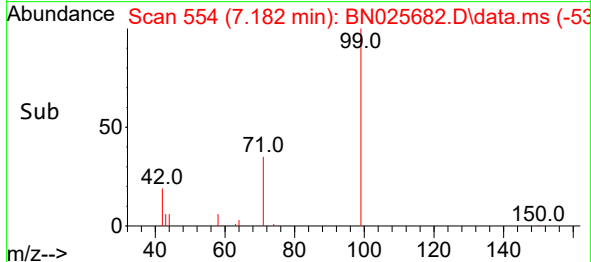
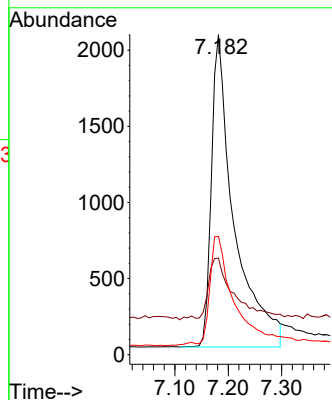
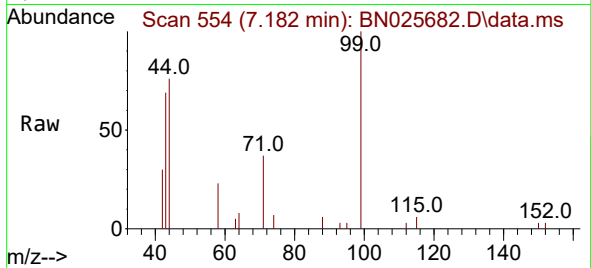




#5
Phenol-d6
Concen: 0.303 ng
RT: 7.182 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN025682.D
Acq: 28 May 2023 15:38

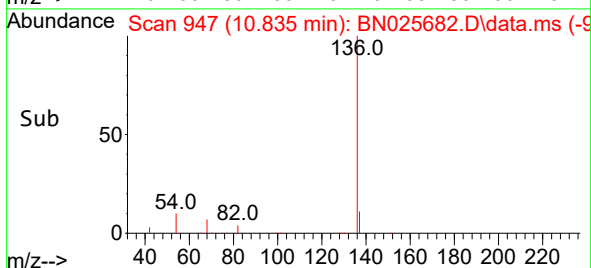
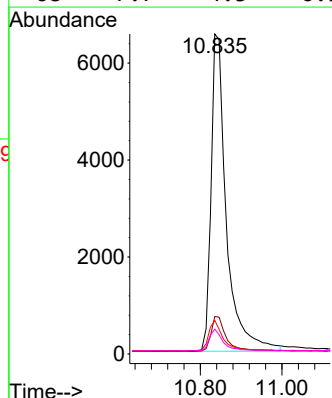
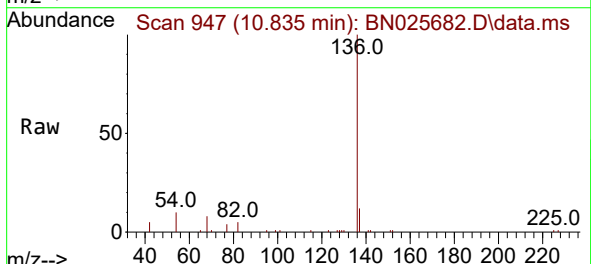
Instrument :
BNA_N
ClientSampleId :
PB153027BL

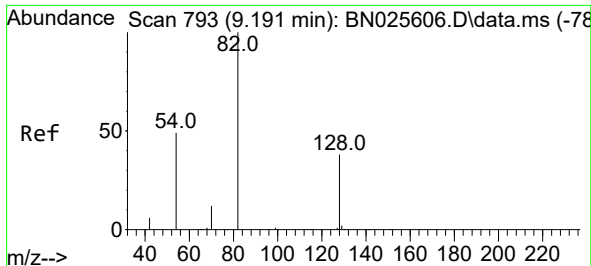
Tgt Ion: 99 Resp: 6032
Ion Ratio Lower Upper
99 100
42 22.6 17.1 25.7
71 0.0 29.3 43.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN025682.D
Acq: 28 May 2023 15:38

Tgt Ion: 136 Resp: 17061
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 10.5 5.4 8.0#
68 7.7 4.3 6.5#

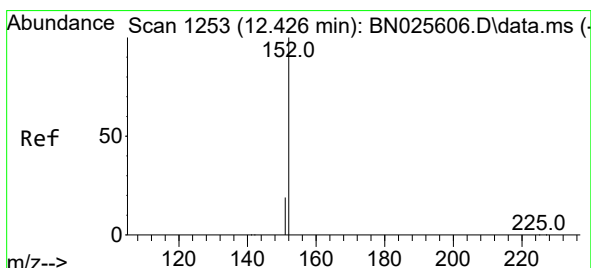
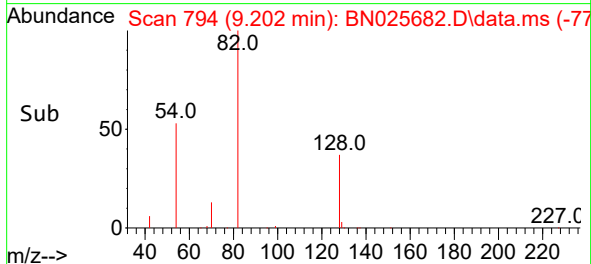
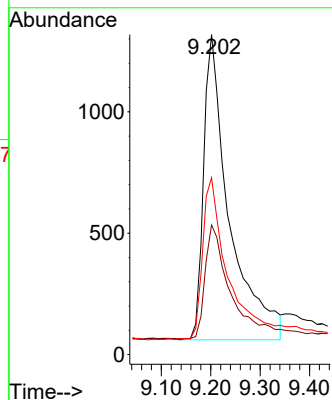
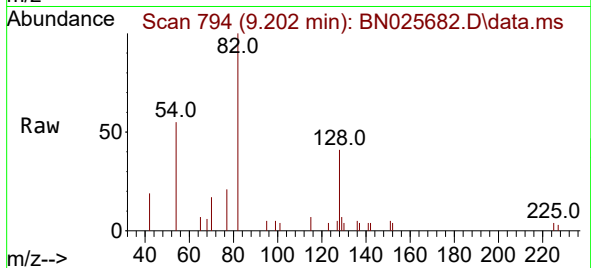




#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025682.D
Acq: 28 May 2023 15:38

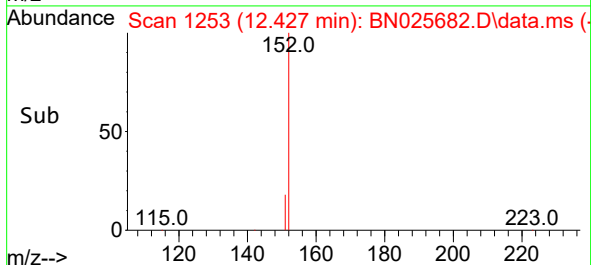
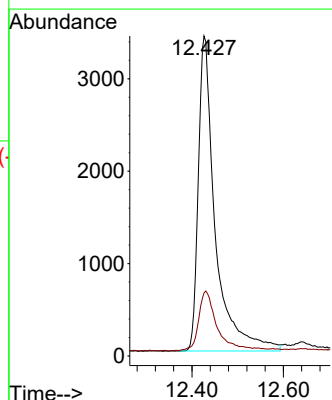
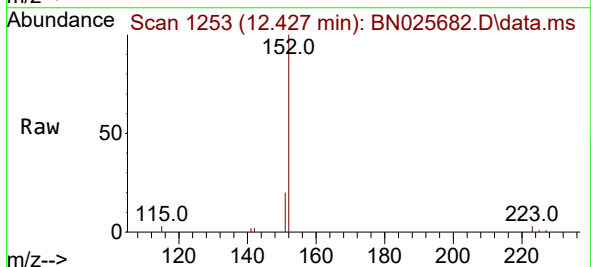
Instrument :
BNA_N
ClientSampleId :
PB153027BL

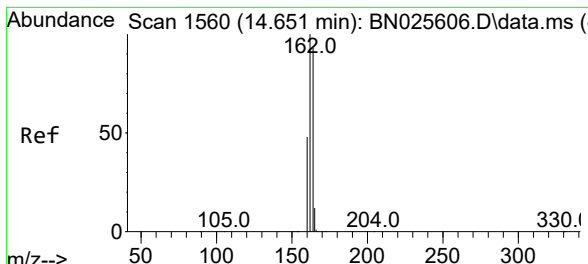
Tgt Ion: 82 Resp: 4519
Ion Ratio Lower Upper
82 100
128 40.5 32.5 48.7
54 55.3 40.6 60.8



#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.427 min Scan# 1253
Delta R.T. 0.004 min
Lab File: BN025682.D
Acq: 28 May 2023 15:38

Tgt Ion: 152 Resp: 8769
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1

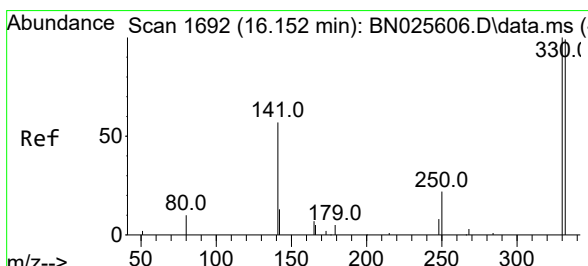
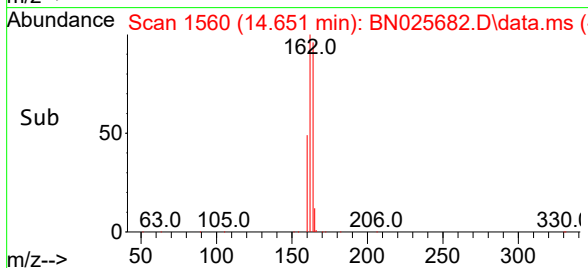
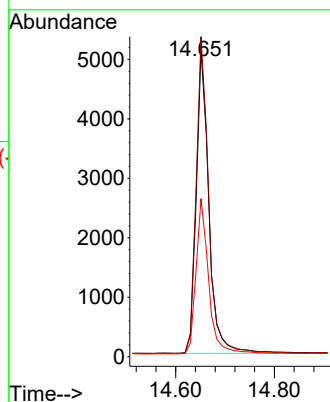
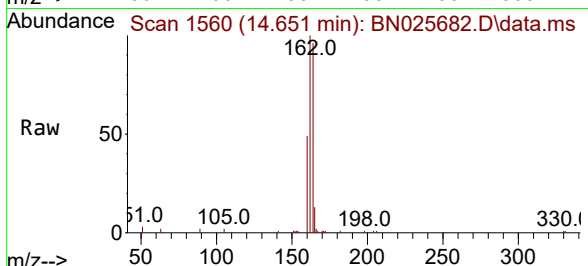




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.651 min Scan# 1560
 Delta R.T. -0.000 min
 Lab File: BN025682.D
 Acq: 28 May 2023 15:38

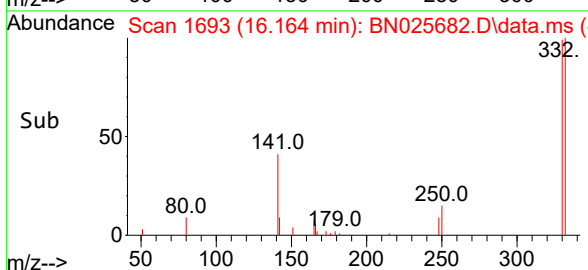
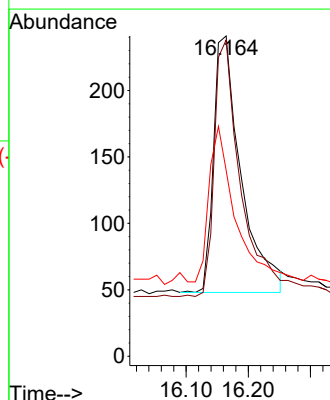
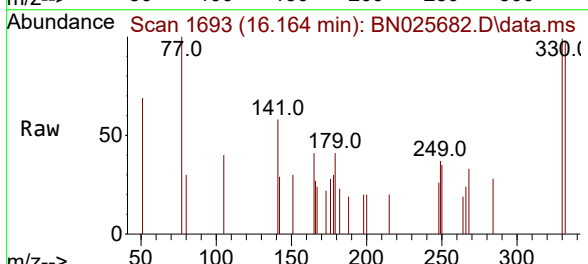
Instrument :
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 ClientSampleId :
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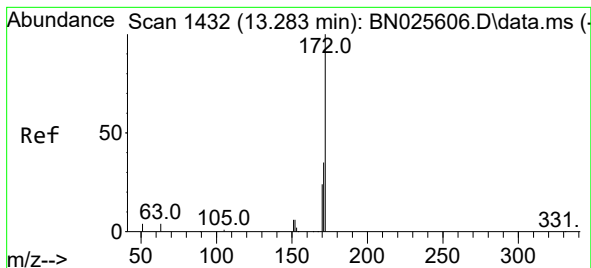
Tgt Ion:	164	Resp:	9036
Ion Ratio	Lower	Upper	
164	100		
162	104.4	86.4	129.6
160	51.5	41.9	62.9



#14
 2,4,6-Tribromophenol
 Concen: 0.326 ng
 RT: 16.164 min Scan# 1693
 Delta R.T. 0.012 min
 Lab File: BN025682.D
 Acq: 28 May 2023 15:38

Tgt Ion:	330	Resp:	595
Ion Ratio	Lower	Upper	
330	100		
332	95.0	80.0	120.0
141	56.8	45.8	68.6





#15

2-Fluorobiphenyl

Concen: 0.350 ng

RT: 13.283 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BN025682.D

Acq: 28 May 2023 15:38

Instrument :

BNA_N

ClientSampleId :

PB153027BL

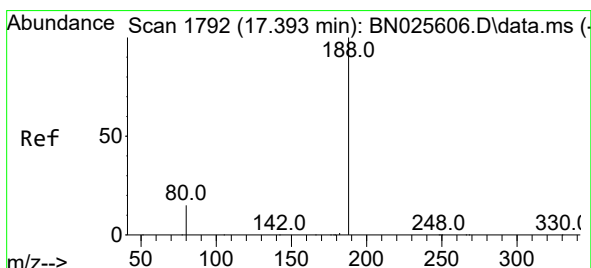
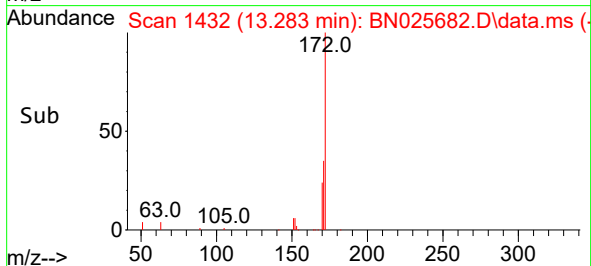
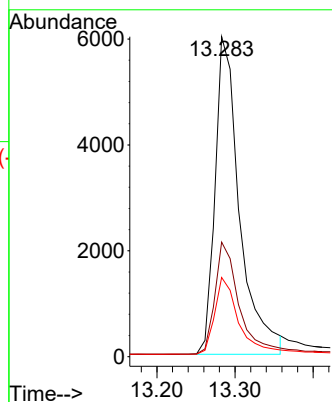
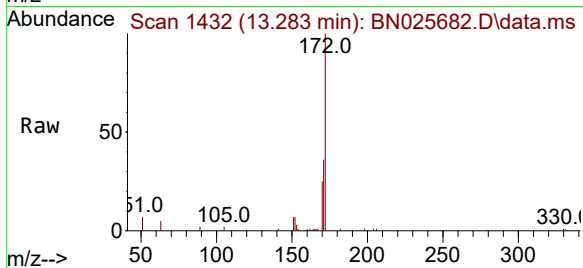
Tgt Ion:172 Resp: 13060

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 24.7 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.406 min Scan# 1793

Delta R.T. 0.012 min

Lab File: BN025682.D

Acq: 28 May 2023 15:38

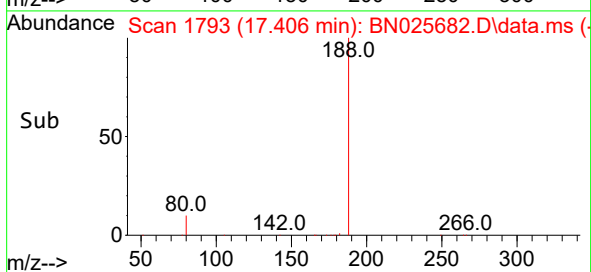
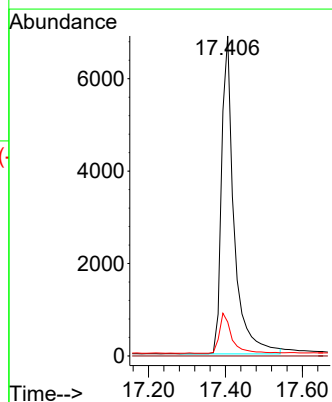
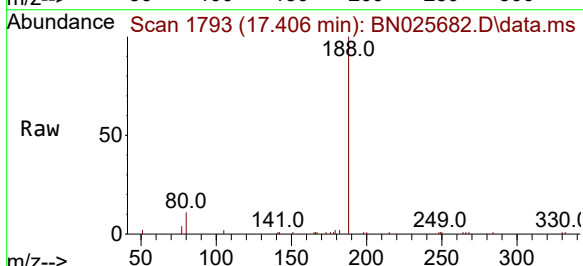
Tgt Ion:188 Resp: 15545

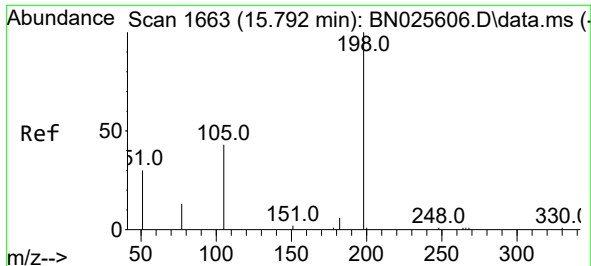
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 12.2 18.2#

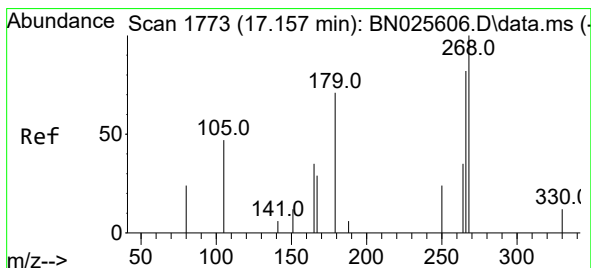
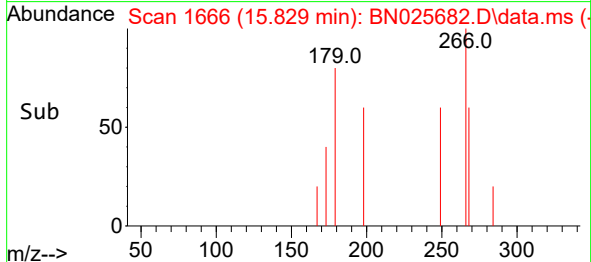
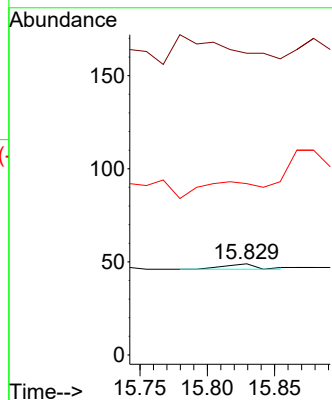
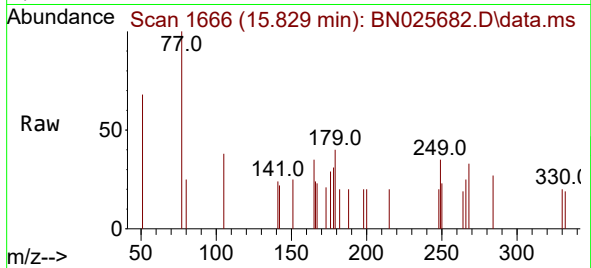




#20
4,6-Dinitro-2-methylphenol
Concen: 0.116 ng
RT: 15.829 min Scan# 1
Delta R.T. 0.037 min
Lab File: BN025682.D
Acq: 28 May 2023 15:38

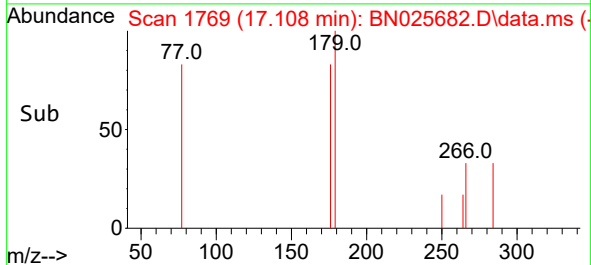
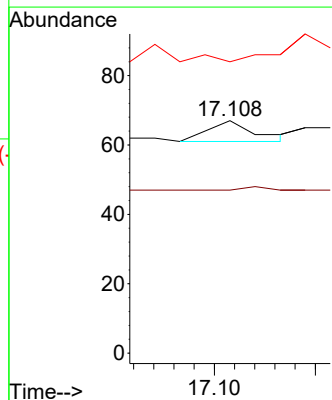
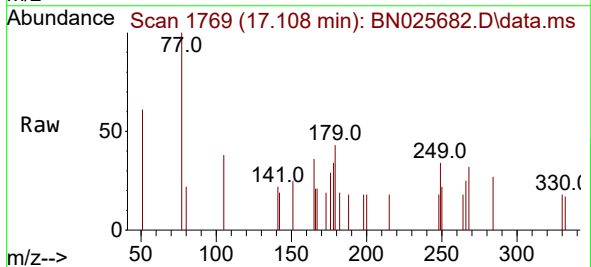
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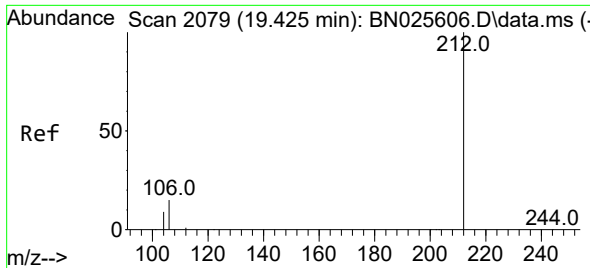
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 330.6 110.8 166.2#
105 187.8 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.375 ng
RT: 17.108 min Scan# 1769
Delta R.T. 0.037 min
Lab File: BN025682.D
Acq: 28 May 2023 15:38

Tgt Ion:266 Resp: 10
Ion Ratio Lower Upper
266 100
264 40.0 60.0 90.0#
268 0.0 0.0 0.0

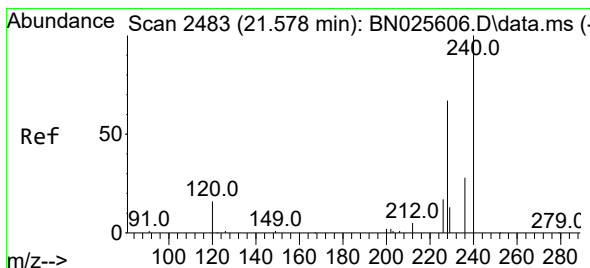
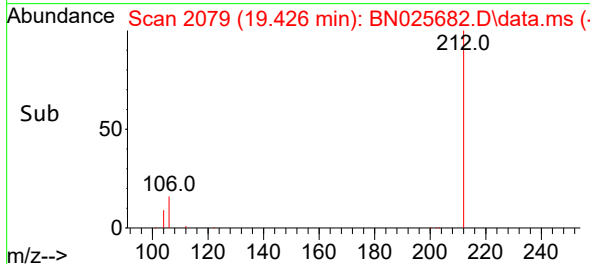
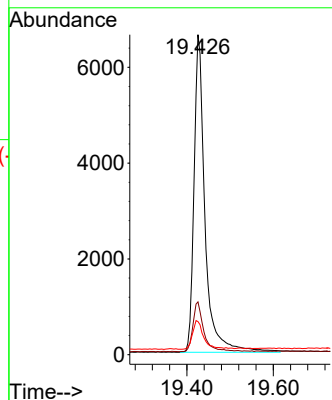
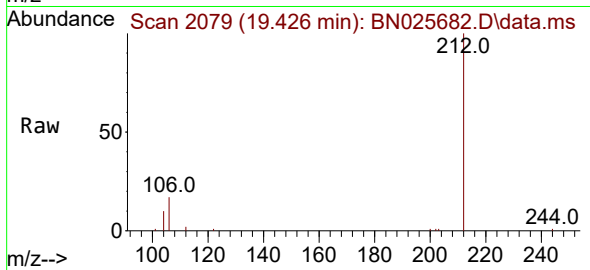




#27
Fluoranthene-d10
Concen: 0.333 ng
RT: 19.426 min Scan# 2079
Delta R.T. 0.005 min
Lab File: BN025682.D
Acq: 28 May 2023 15:38

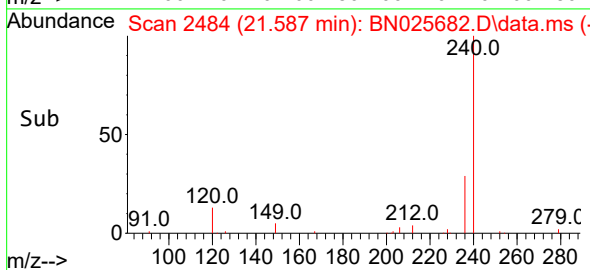
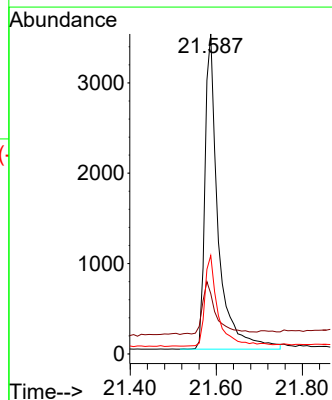
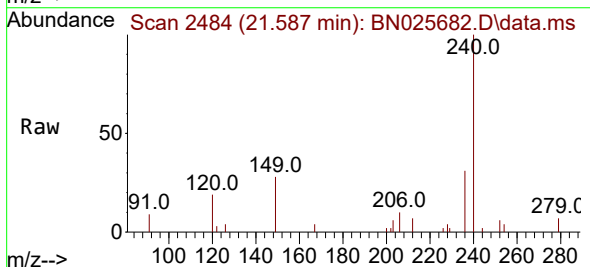
Instrument :
BNA_N
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PB153027BL

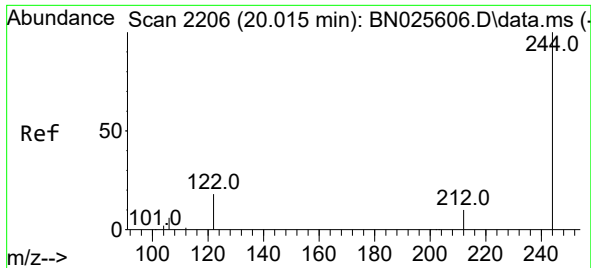
Tgt Ion:212 Resp: 11727
Ion Ratio Lower Upper
212 100
106 15.3 12.3 18.5
104 9.0 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN025682.D
Acq: 28 May 2023 15:38

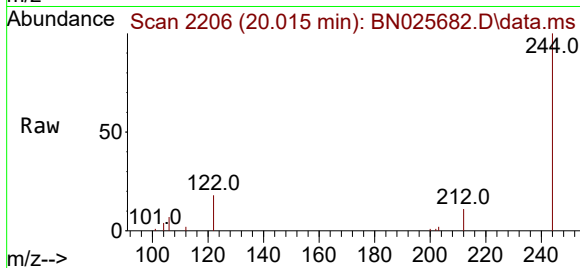
Tgt Ion:240 Resp: 7428
Ion Ratio Lower Upper
240 100
120 18.8 15.4 23.0
236 30.8 23.2 34.8



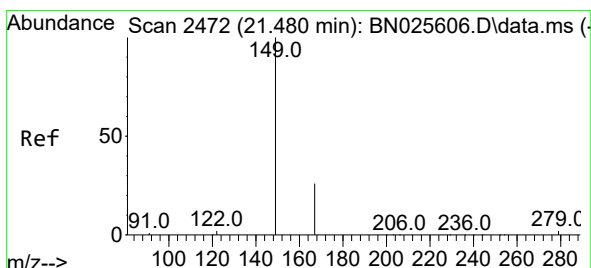
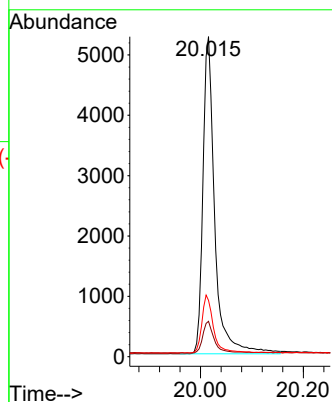
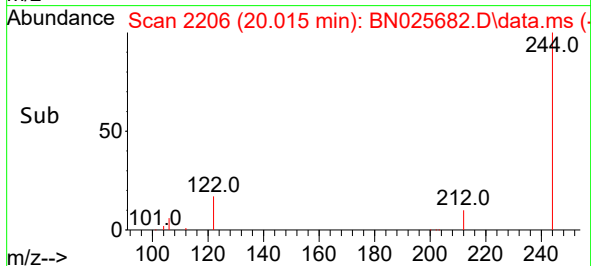


#31
 Terphenyl-d14
 Concen: 0.517 ng
 RT: 20.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN025682.D
 Acq: 28 May 2023 15:38

Instrument :
 BNA_N
 ClientSampleId :
 PB153027BL

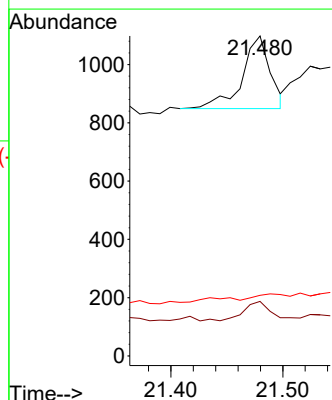
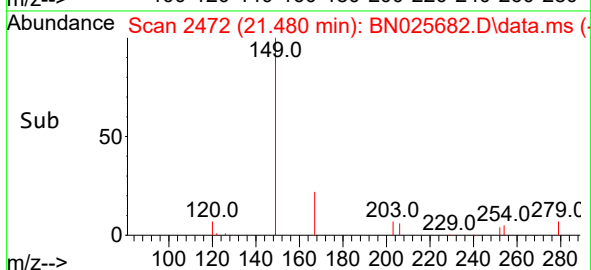
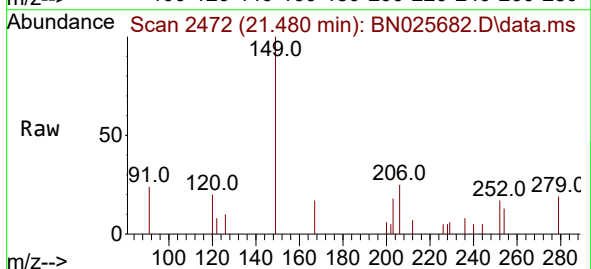


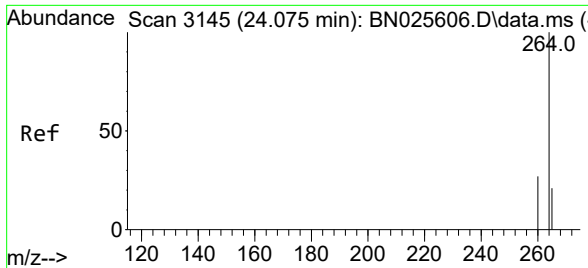
Tgt Ion:244 Resp: 8409
 Ion Ratio Lower Upper
 244 100
 212 11.0 8.5 12.7
 122 17.6 14.9 22.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.026 ng
 RT: 21.480 min Scan# 2472
 Delta R.T. 0.009 min
 Lab File: BN025682.D
 Acq: 28 May 2023 15:38

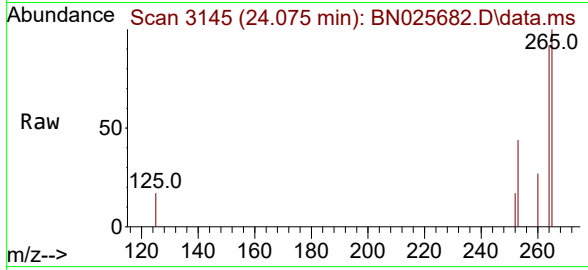
Tgt Ion:149 Resp: 431
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.4 30.6
 279 10.2 3.3 4.9#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.075 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BN025682.D
 Acq: 28 May 2023 15:38

Instrument :
 BNA_N
 ClientSampleId :
 PB153027BL



Tgt Ion:264 Resp: 5212

Ion	Ratio	Lower	Upper
264	100		
260	29.3	22.3	33.5
265	108.7	54.3	81.5

