

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021523\
 Data File : BN024026.D
 Acq On : 14 Feb 2023 16:48
 Operator : CG/JU
 Sample : PB150777BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB150777BL

Quant Time: Feb 15 02:58:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 02:55:51 2023
 Response via : Initial Calibration

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

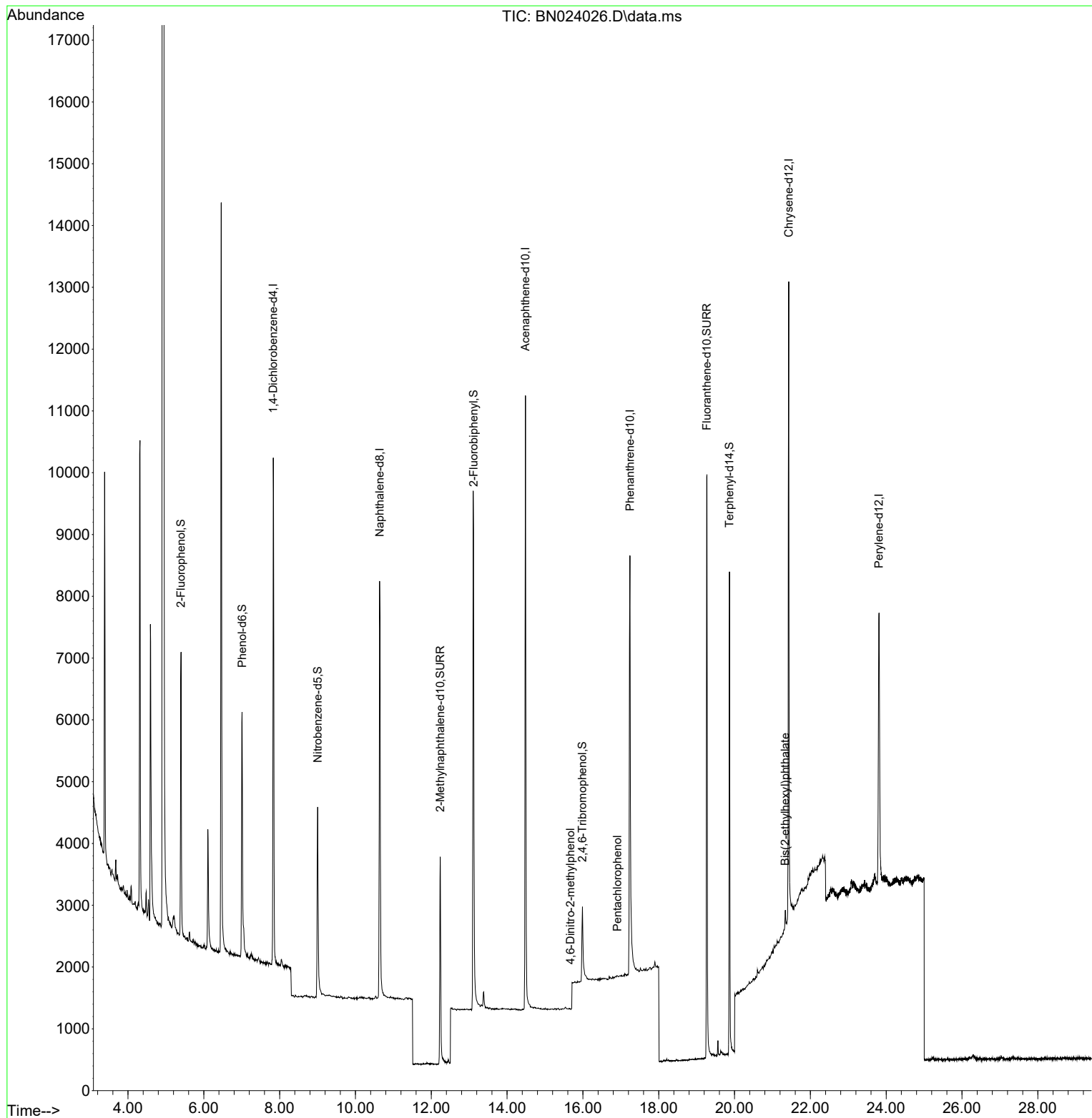
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4081	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	9873	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	5703	0.400	ng	0.00
19) Phenanthrene-d10	17.241	188	12885	0.400	ng	# 0.01
29) Chrysene-d12	21.428	240	9623	0.400	ng	# 0.00
35) Perylene-d12	23.811	264	7340	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	3695	0.436	ng	0.00
5) Phenol-d6	7.009	99	4264	0.427	ng	0.00
8) Nitrobenzene-d5	9.003	82	3004	0.379	ng	0.00
11) 2-Methylnaphthalene-d10	12.235	152	5052	0.368	ng	0.00
14) 2,4,6-Tribromophenol	15.987	330	986	0.336	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	8741	0.387	ng	0.01
27) Fluoranthene-d10	19.271	212	11671	0.373	ng	0.00
31) Terphenyl-d14	19.865	244	8748	0.487	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.671	198	4	0.194	ng	# 1
24) Pentachlorophenol	16.906	266	48	0.178	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.339	149	564	0.040	ng	# 81

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

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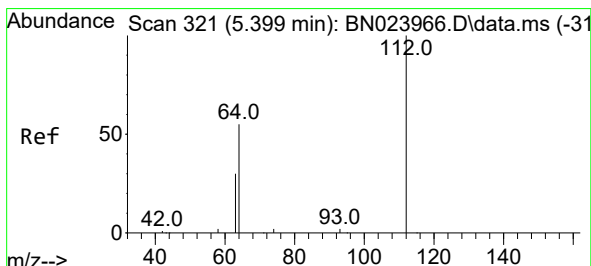
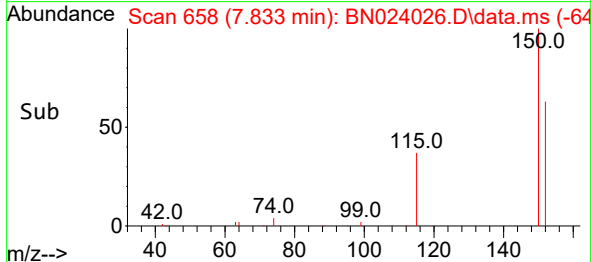
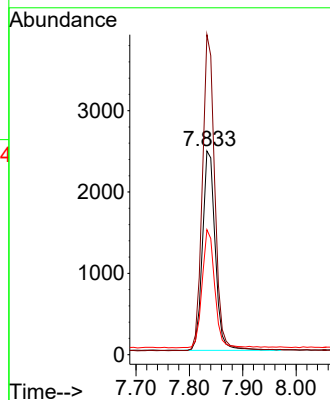
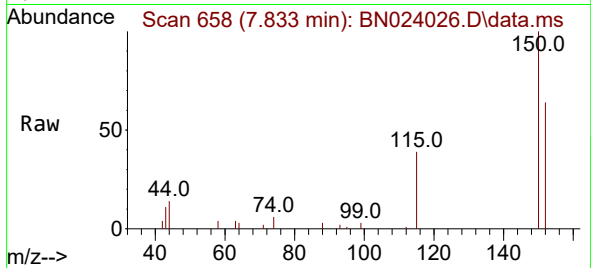




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024026.D
Acq: 14 Feb 2023 16:48

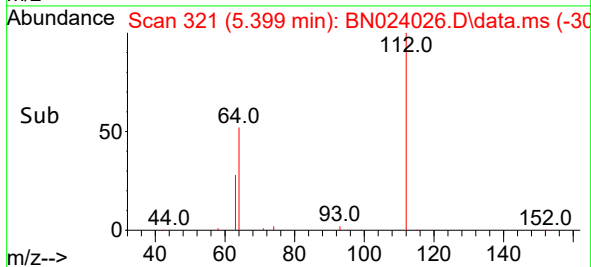
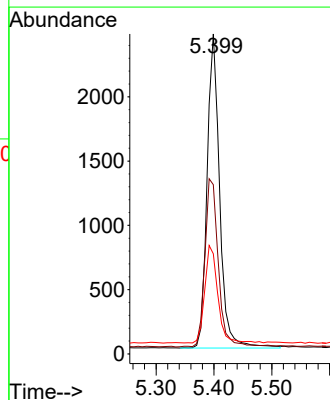
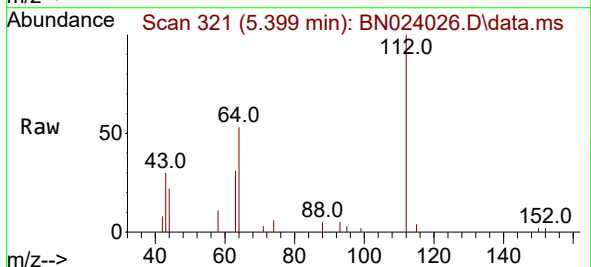
Instrument :
BNA_N
ClientSampleId :
PB150777BL

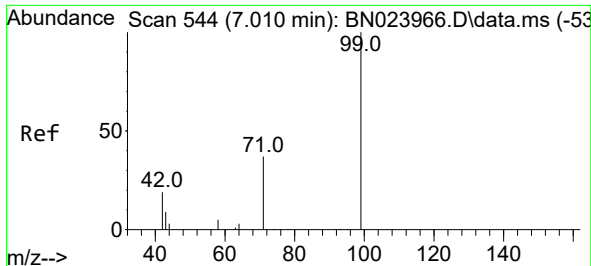
Tgt Ion:152 Resp: 4081
Ion Ratio Lower Upper
152 100
150 157.1 121.8 182.6
115 61.4 47.7 71.5



#4
2-Fluorophenol
Concen: 0.436 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN024026.D
Acq: 14 Feb 2023 16:48

Tgt Ion:112 Resp: 3695
Ion Ratio Lower Upper
112 100
64 57.1 44.8 67.2
63 32.2 25.1 37.7

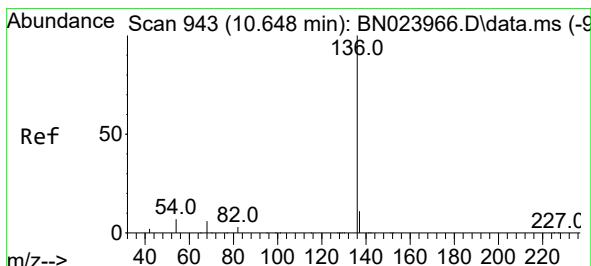
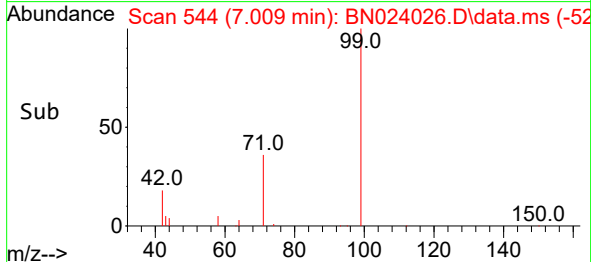
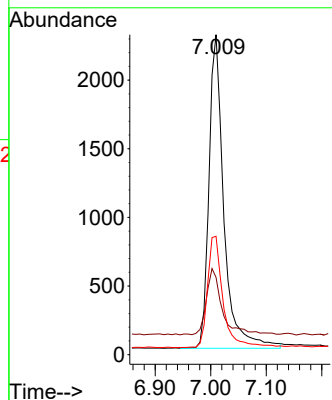
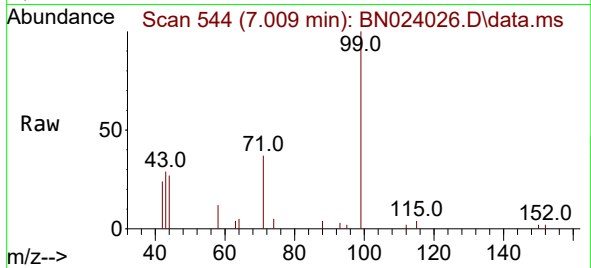




#5
Phenol-d6
Concen: 0.427 ng
RT: 7.009 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN024026.D
Acq: 14 Feb 2023 16:48

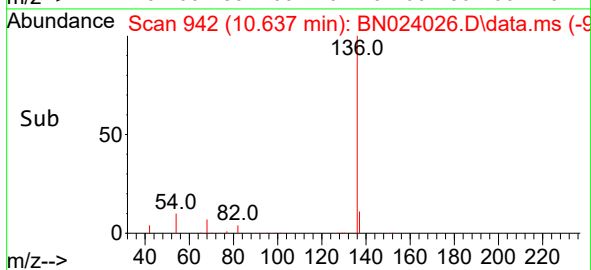
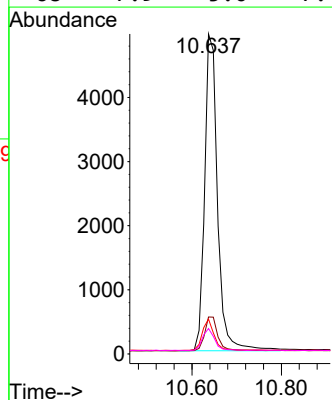
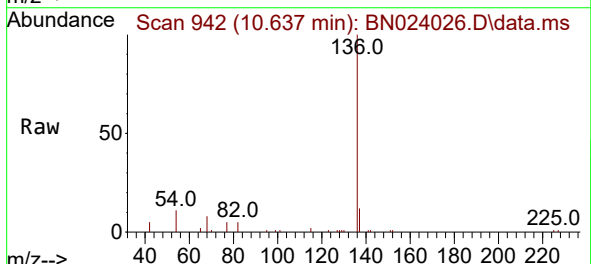
Instrument :
BNA_N
ClientSampleId :
PB150777BL

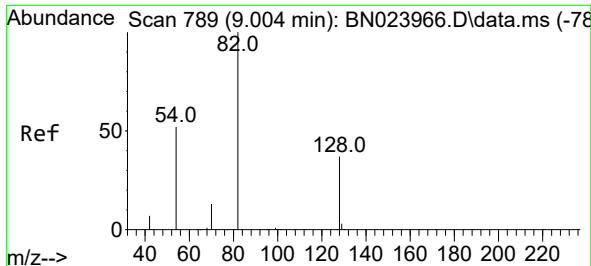
Tgt Ion:	99	Resp:	4264
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	37.1	29.0	43.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN024026.D
Acq: 14 Feb 2023 16:48

Tgt Ion:	136	Resp:	9873
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.9	5.8	8.8#
68	7.9	5.0	7.4#

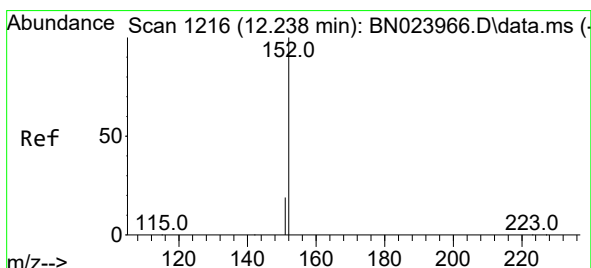
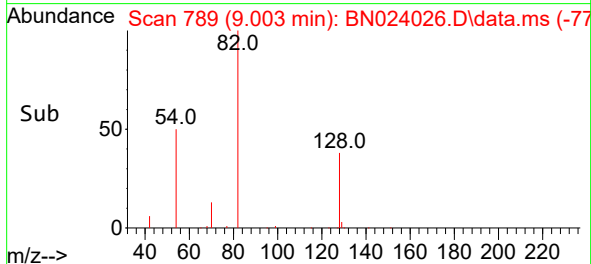
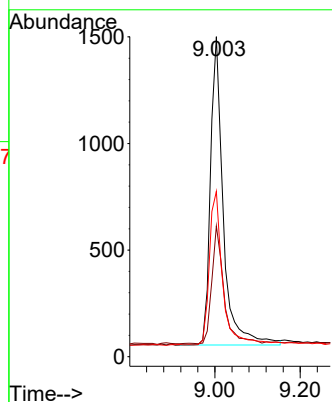
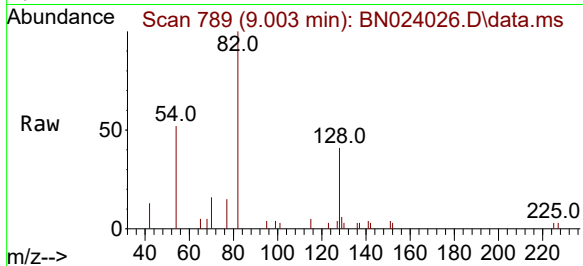




#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN024026.D
Acq: 14 Feb 2023 16:48

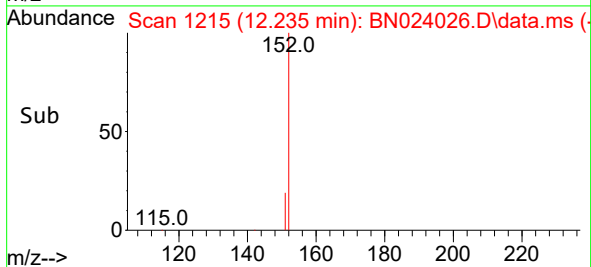
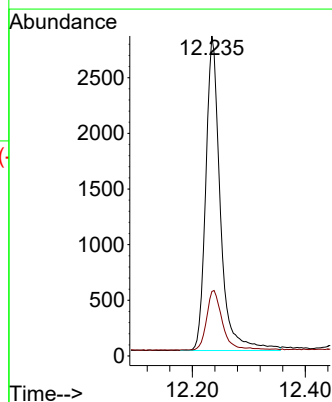
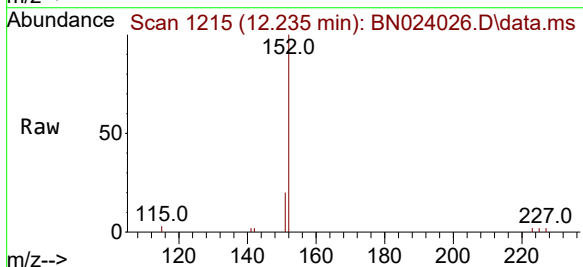
Instrument :
BNA_N
ClientSampleId :
PB150777BL

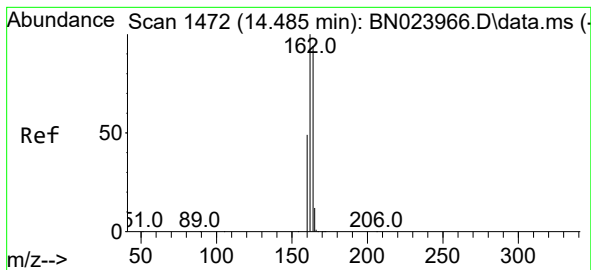
Tgt Ion: 82 Resp: 3004
Ion Ratio Lower Upper
82 100
128 40.8 31.5 47.3
54 51.6 42.8 64.2



#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 12.235 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BN024026.D
Acq: 14 Feb 2023 16:48

Tgt Ion: 152 Resp: 5052
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.485 min Scan# 1472

Delta R.T. 0.000 min

Lab File: BN024026.D

Acq: 14 Feb 2023 16:48

Instrument :

BNA_N

ClientSampleId :

PB150777BL

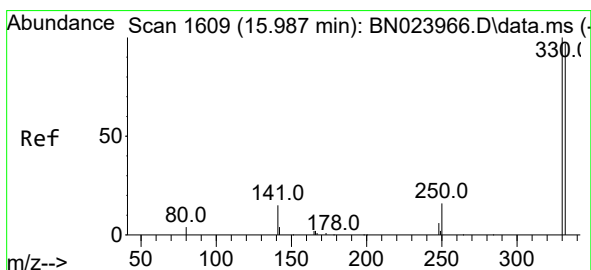
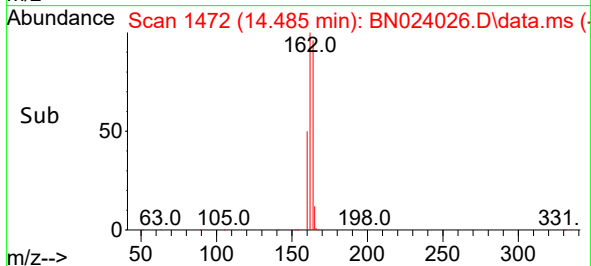
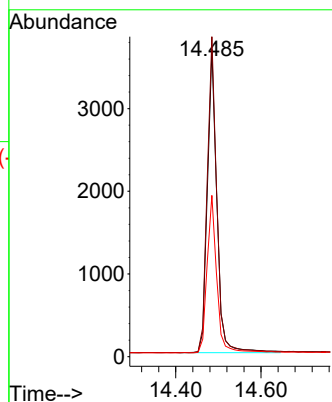
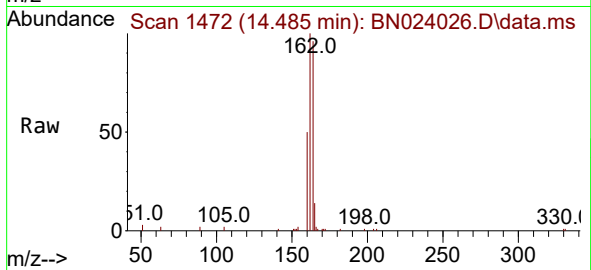
Tgt Ion:164 Resp: 5703

Ion Ratio Lower Upper

164 100

162 104.1 84.8 127.2

160 52.5 42.0 63.0



#14

2,4,6-Tribromophenol

Concen: 0.336 ng

RT: 15.987 min Scan# 1609

Delta R.T. 0.000 min

Lab File: BN024026.D

Acq: 14 Feb 2023 16:48

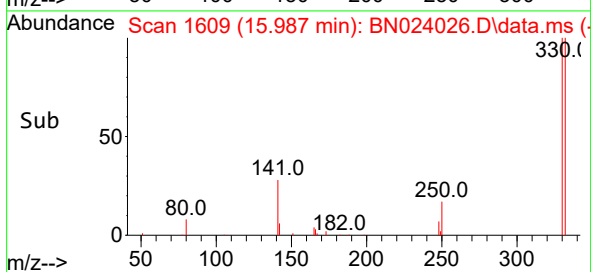
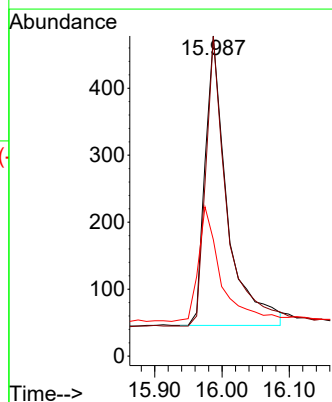
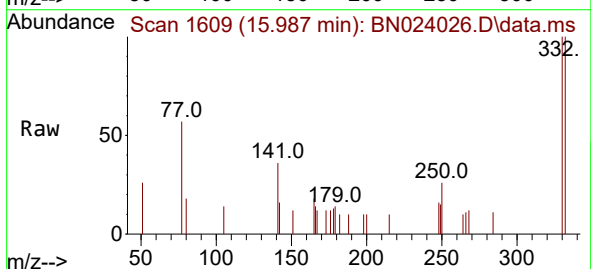
Tgt Ion:330 Resp: 986

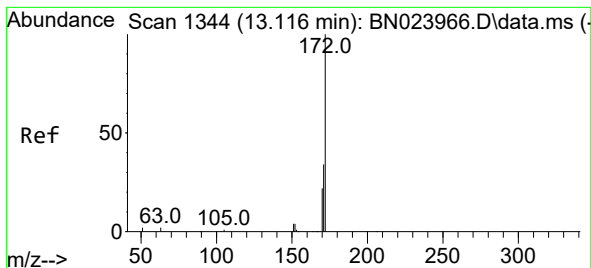
Ion Ratio Lower Upper

330 100

332 96.6 77.7 116.5

141 40.2 26.6 39.8#





#15

2-Fluorobiphenyl

Concen: 0.387 ng

RT: 13.116 min Scan# 1344

Delta R.T. 0.011 min

Lab File: BN024026.D

Acq: 14 Feb 2023 16:48

Instrument :

BNA_N

ClientSampleId :

PB150777BL

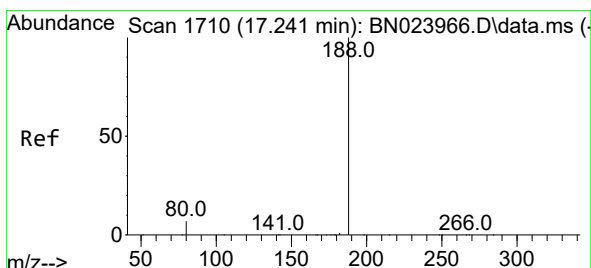
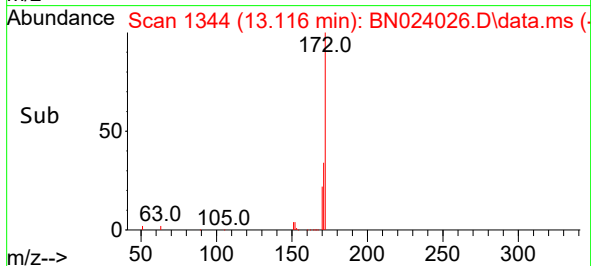
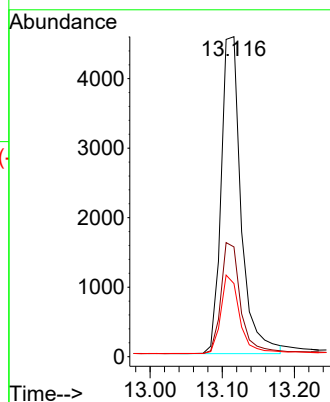
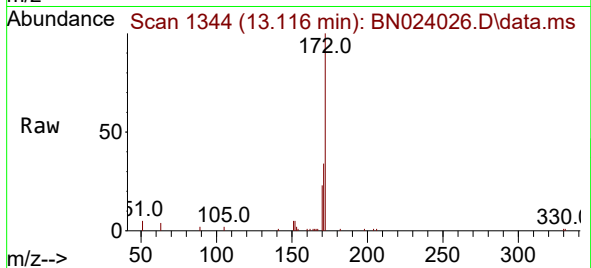
Tgt Ion:172 Resp: 8741

Ion Ratio Lower Upper

172 100

171 34.3 27.4 41.2

170 22.8 18.2 27.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.241 min Scan# 1710

Delta R.T. 0.013 min

Lab File: BN024026.D

Acq: 14 Feb 2023 16:48

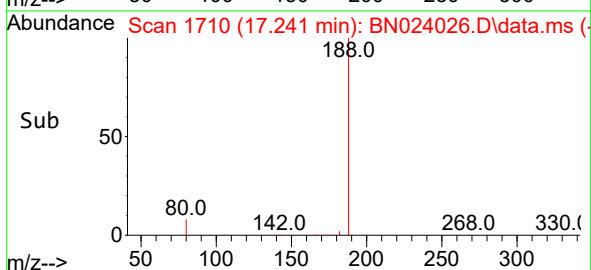
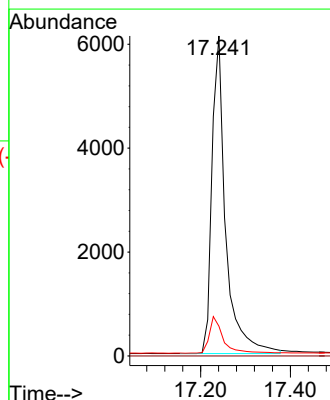
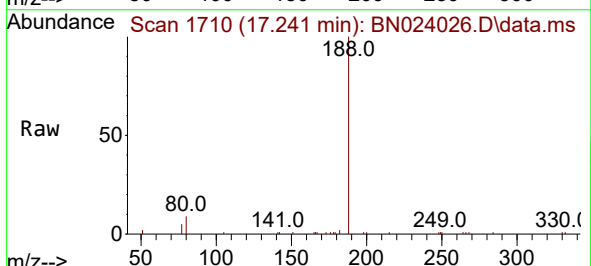
Tgt Ion:188 Resp: 12885

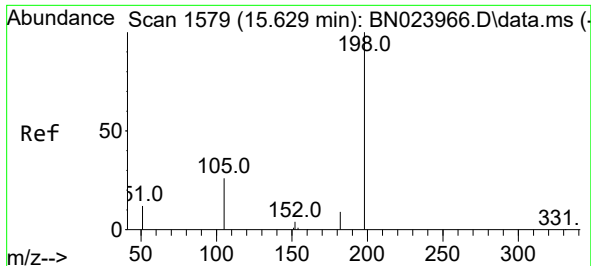
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 6.1 9.1#

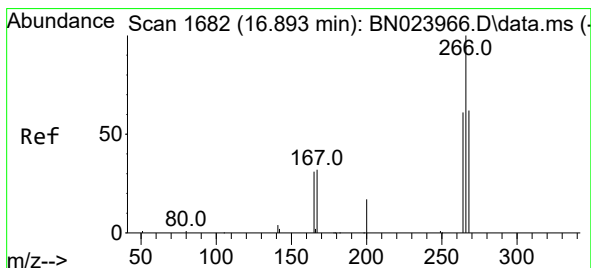
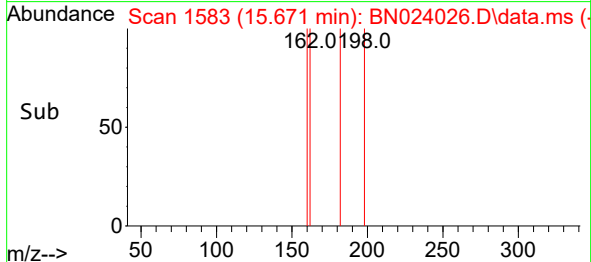
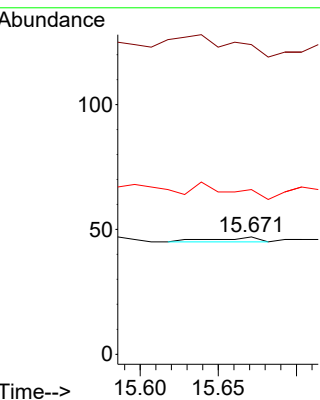
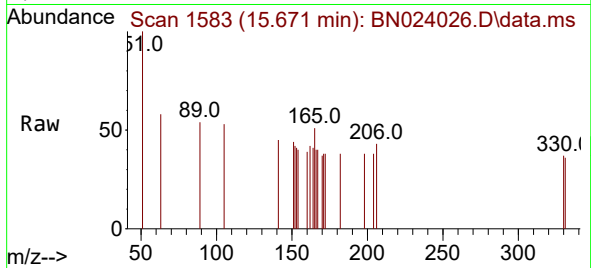




#20
4,6-Dinitro-2-methylphenol
Concen: 0.194 ng
RT: 15.671 min Scan# 1583
Delta R.T. 0.043 min
Lab File: BN024026.D
Acq: 14 Feb 2023 16:48

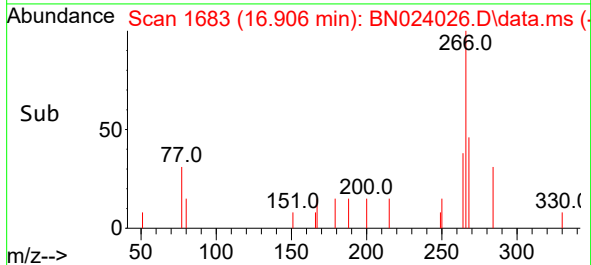
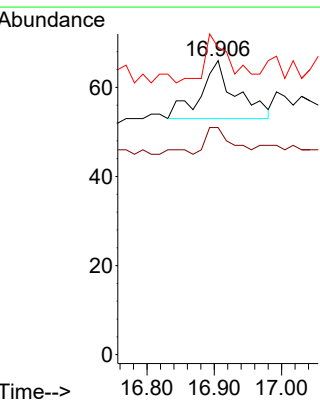
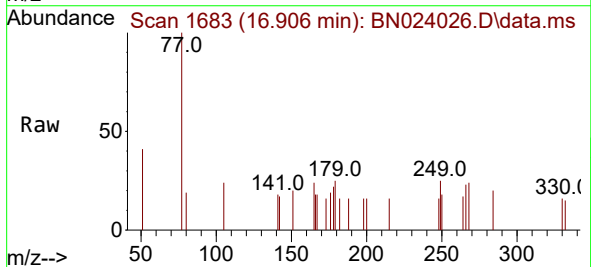
Instrument :
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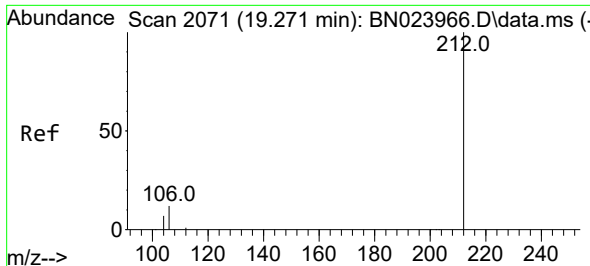
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 263.8 36.8 55.2#
105 140.4 28.8 43.2#



#24
Pentachlorophenol
Concen: 0.178 ng
RT: 16.906 min Scan# 1683
Delta R.T. 0.013 min
Lab File: BN024026.D
Acq: 14 Feb 2023 16:48

Tgt Ion:266 Resp: 48
Ion Ratio Lower Upper
266 100
264 33.3 47.6 71.4#
268 43.8 47.5 71.3#

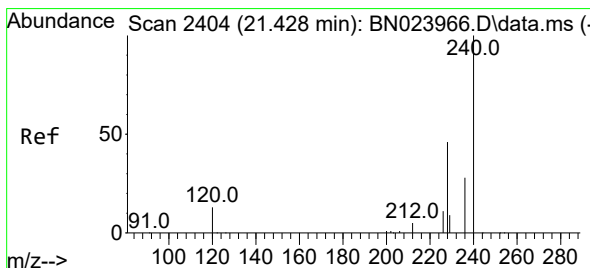
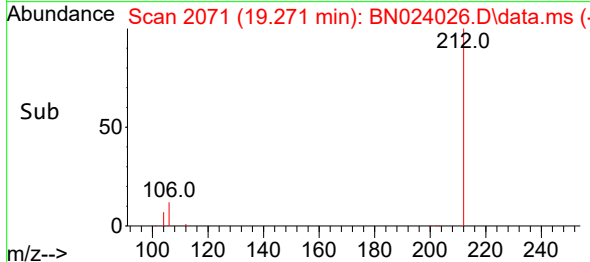
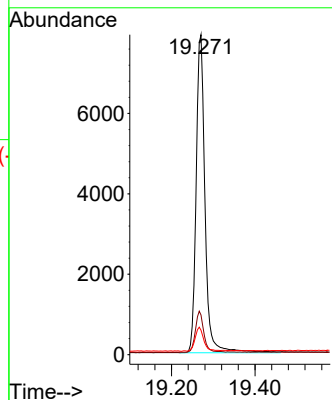
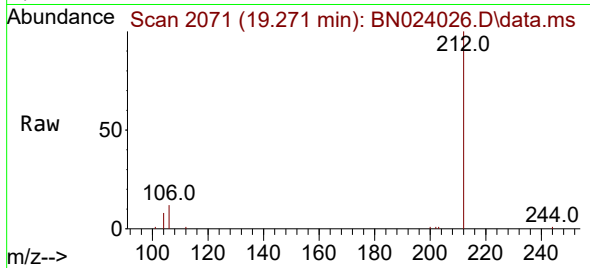




#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.271 min Scan# 2071
Delta R.T. 0.004 min
Lab File: BN024026.D
Acq: 14 Feb 2023 16:48

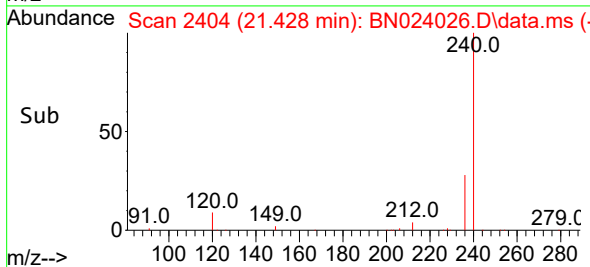
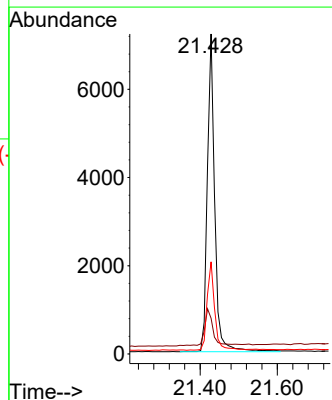
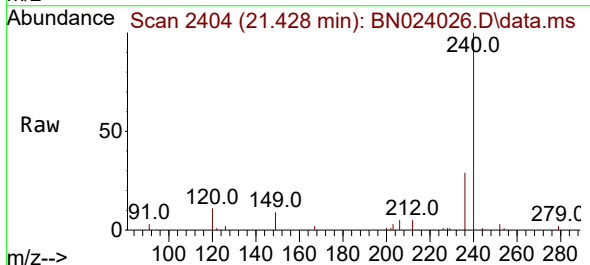
Instrument :
BNA_N
ClientSampleId :
PB150777BL

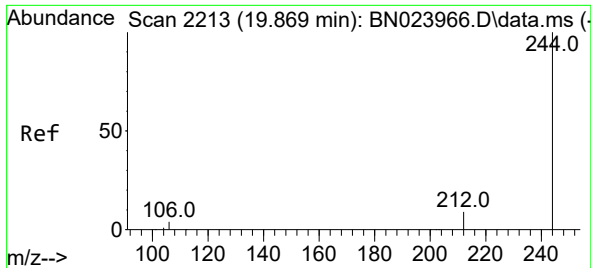
Tgt Ion:212 Resp: 11671
Ion Ratio Lower Upper
212 100
106 12.2 9.2 13.8
104 7.4 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.428 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BN024026.D
Acq: 14 Feb 2023 16:48

Tgt Ion:240 Resp: 9623
Ion Ratio Lower Upper
240 100
120 11.1 11.4 17.0#
236 28.8 23.2 34.8

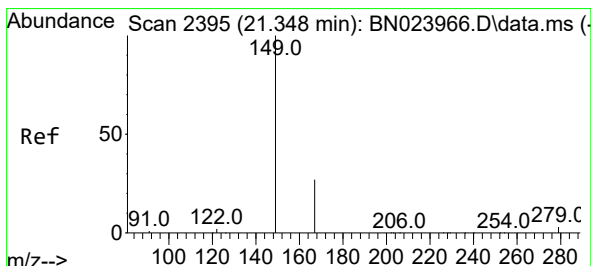
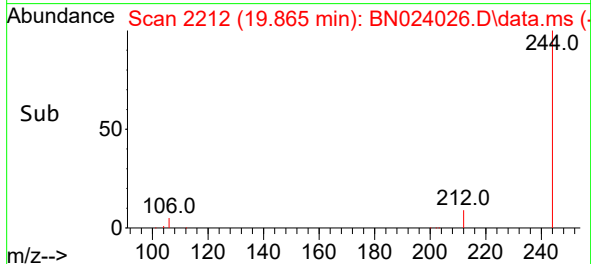
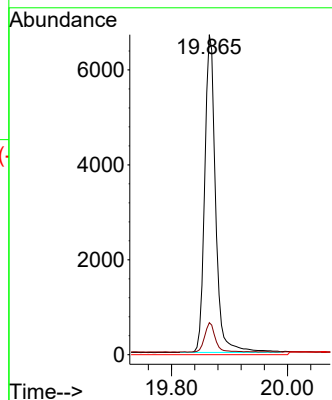
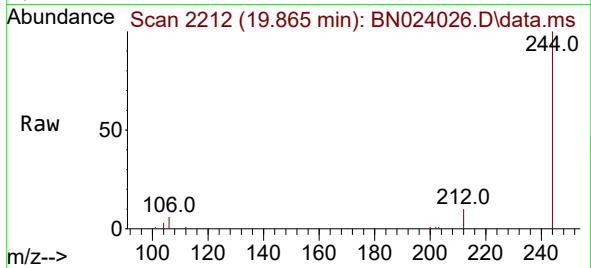




#31
 Terphenyl-d14
 Concen: 0.487 ng
 RT: 19.865 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024026.D
 Acq: 14 Feb 2023 16:48

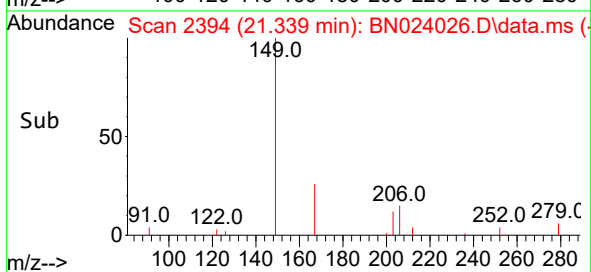
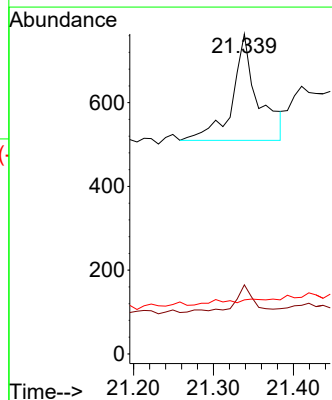
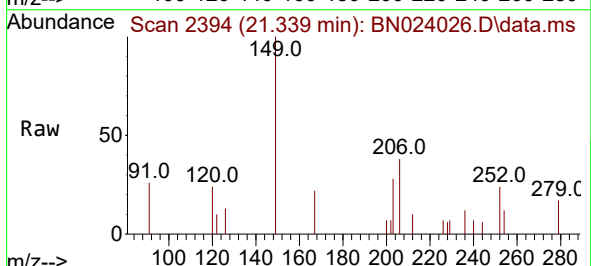
Instrument :
 BNA_N
 ClientSampleId :
 PB150777BL

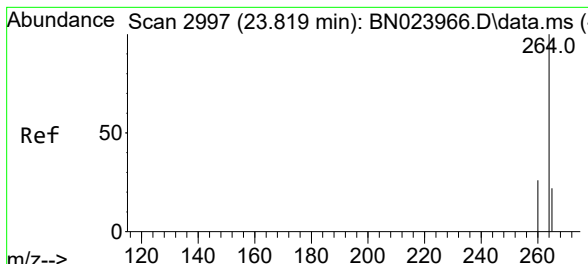
Tgt Ion:244 Resp: 8748
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.7 11.5
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 21.339 min Scan# 2394
 Delta R.T. 0.000 min
 Lab File: BN024026.D
 Acq: 14 Feb 2023 16:48

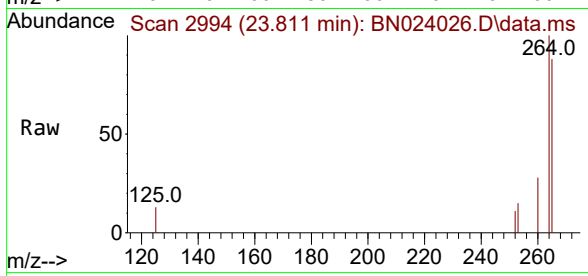
Tgt Ion:149 Resp: 564
 Ion Ratio Lower Upper
 149 100
 167 15.2 21.1 31.7#
 279 3.0 3.1 4.7#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.811 min Scan# 2994
 Delta R.T. -0.009 min
 Lab File: BN024026.D
 Acq: 14 Feb 2023 16:48

Instrument :
 BNA_N
 ClientSampleId :
 PB150777BL



Tgt Ion:264 Resp: 7340

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.4	32.0
265	87.7	41.4	62.0

