

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012623\
 Data File : BN023802.D
 Acq On : 25 Jan 2023 19:59
 Operator : CG/JU
 Sample : 01242-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-148-150

Quant Time: Jan 26 00:43:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 26 00:40:21 2023
 Response via : Initial Calibration

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

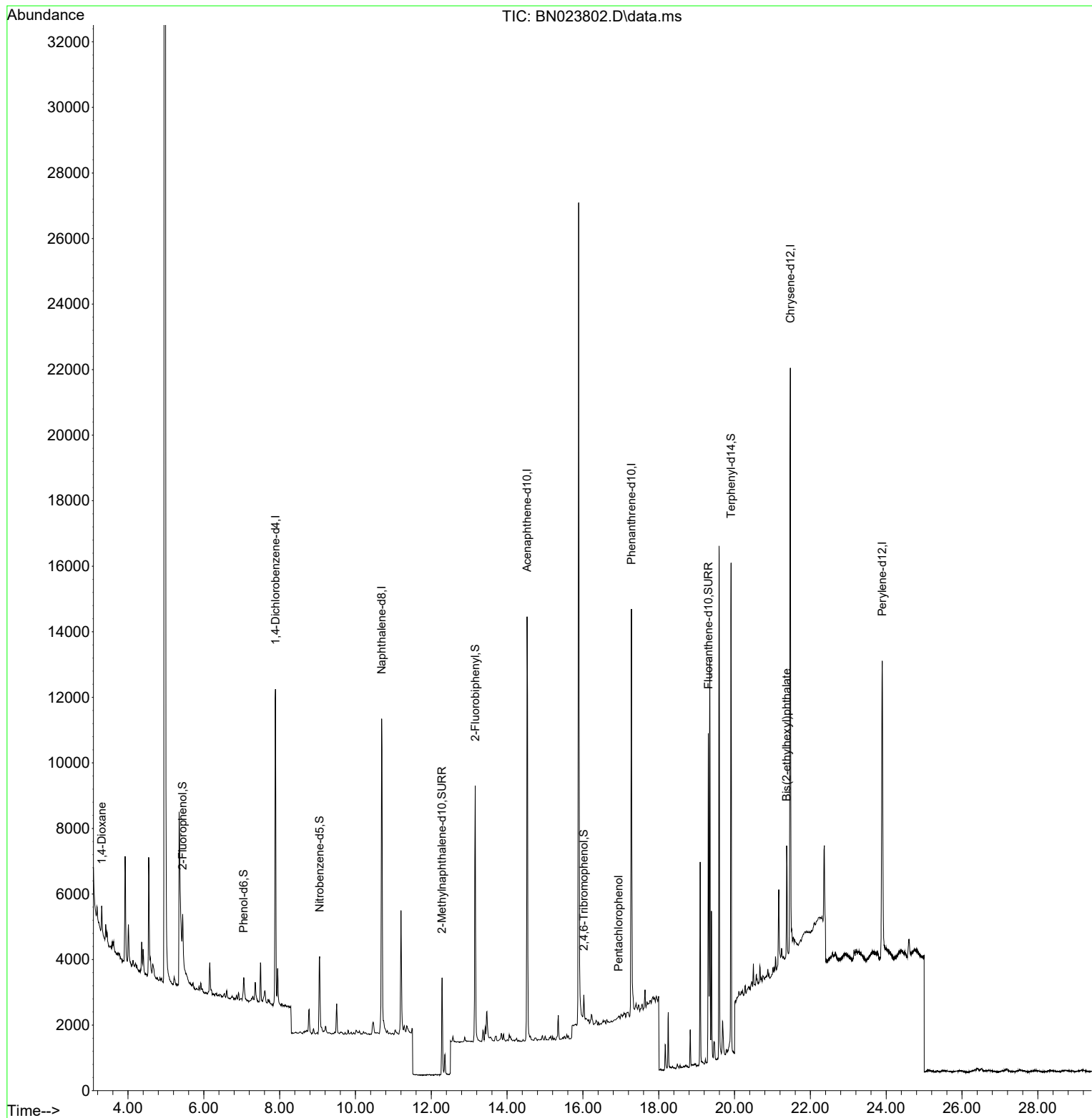
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	5007	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	13701	0.400	ng	0.00
13) Acenaphthene-d10	14.527	164	7535	0.400	ng	0.00
19) Phenanthrene-d10	17.278	188	15795	0.400	ng	0.00
29) Chrysene-d12	21.473	240	16555	0.400	ng	# 0.00
35) Perylene-d12	23.895	264	13074	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	1020	0.097	ng	0.00
5) Phenol-d6	7.053	99	722	0.058	ng	0.00
8) Nitrobenzene-d5	9.057	82	2367	0.218	ng	0.01
11) 2-Methylnaphthalene-d10	12.284	152	4278	0.226	ng	0.00
14) 2,4,6-Tribromophenol	16.024	330	431	0.135	ng	0.00
15) 2-Fluorobiphenyl	13.159	172	6948	0.216	ng	0.00
27) Fluoranthene-d10	19.309	212	11241	0.303	ng	0.00
31) Terphenyl-d14	19.907	244	10508	0.402	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.312	88	538	0.101	ng	# 72
24) Pentachlorophenol	16.943	266	28	0.168	ng	# 40
34) Bis(2-ethylhexyl)phtha...	21.374	149	3377	0.144	ng	97

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

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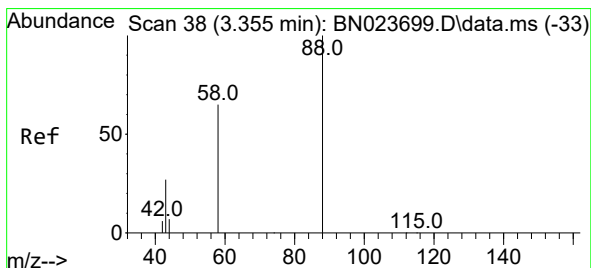
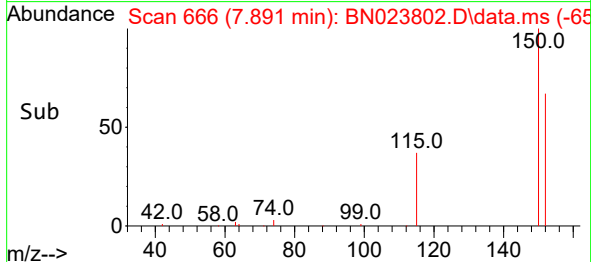
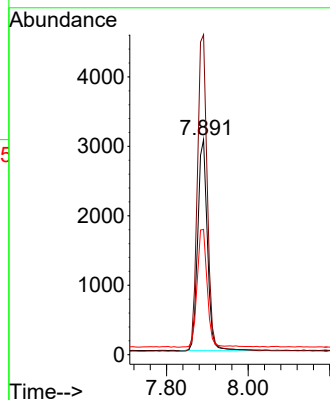
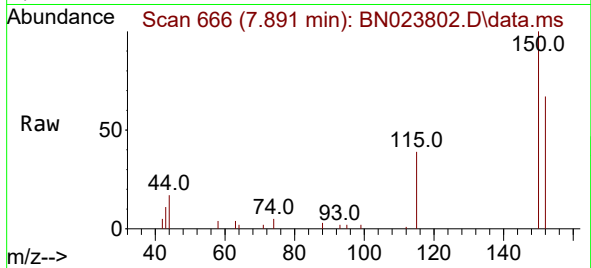




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.891 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN023802.D
 Acq: 25 Jan 2023 19:59

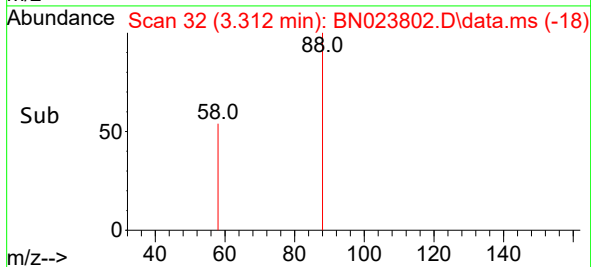
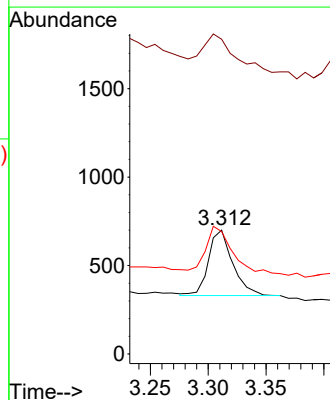
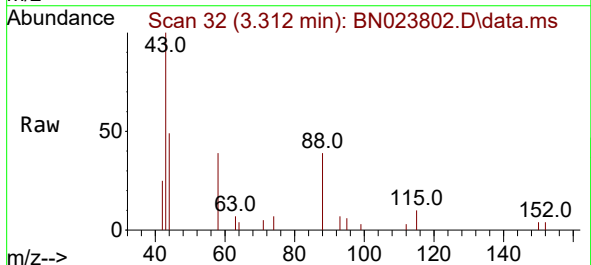
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-148-150

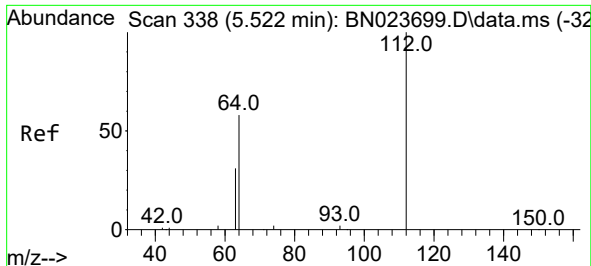
Tgt Ion:152 Resp: 5007
 Ion Ratio Lower Upper
 152 100
 150 148.8 122.4 183.6
 115 58.3 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.101 ng
 RT: 3.312 min Scan# 32
 Delta R.T. -0.000 min
 Lab File: BN023802.D
 Acq: 25 Jan 2023 19:59

Tgt Ion: 88 Resp: 538
 Ion Ratio Lower Upper
 88 100
 43 76.8 26.8 40.2#
 58 77.9 58.5 87.7

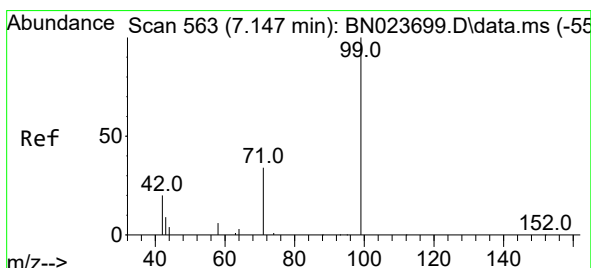
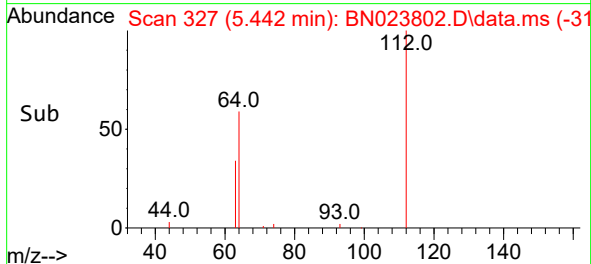
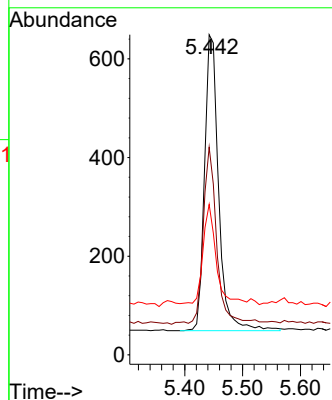
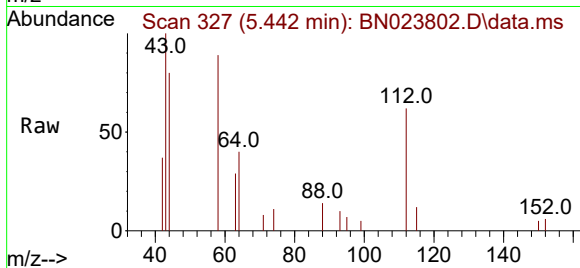




#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.442 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN023802.D
Acq: 25 Jan 2023 19:59

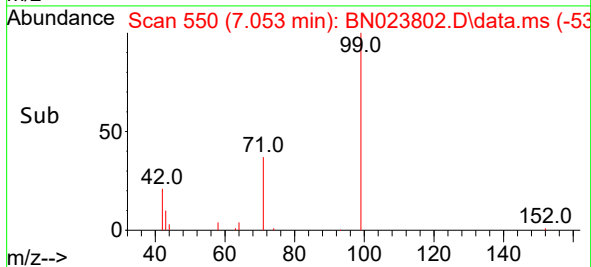
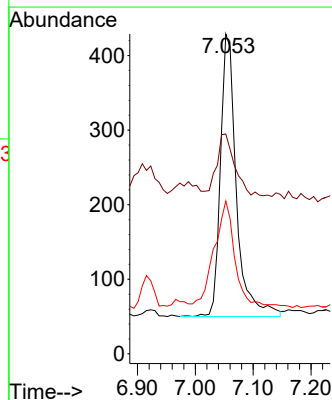
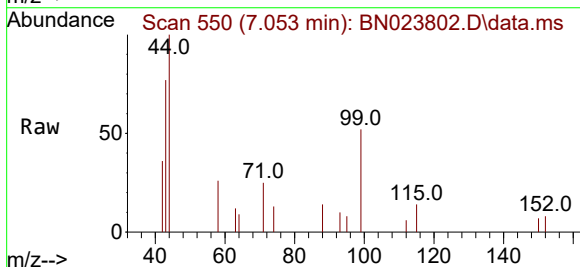
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-148-150

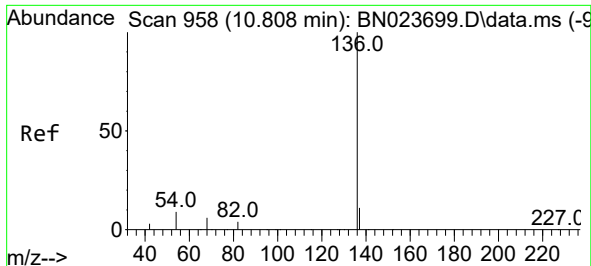
Tgt Ion:112 Resp: 1020
Ion Ratio Lower Upper
112 100
64 58.1 45.8 68.8
63 31.0 25.3 37.9



#5
Phenol-d6
Concen: 0.058 ng
RT: 7.053 min Scan# 550
Delta R.T. -0.000 min
Lab File: BN023802.D
Acq: 25 Jan 2023 19:59

Tgt Ion: 99 Resp: 722
Ion Ratio Lower Upper
99 100
42 24.9 19.4 29.0
71 50.1 28.7 43.1#

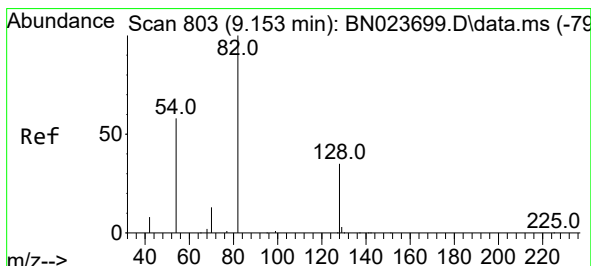
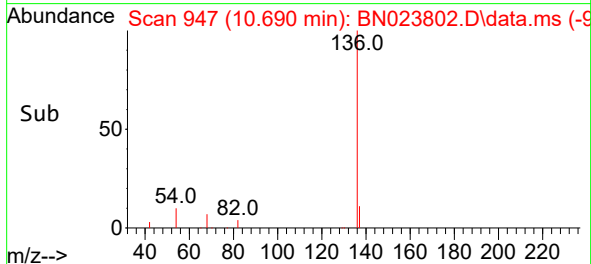
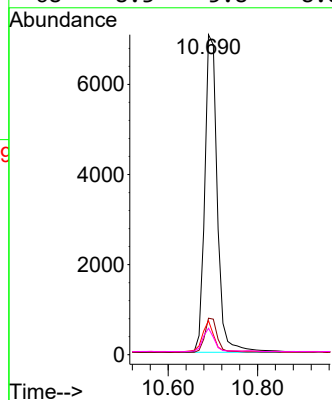
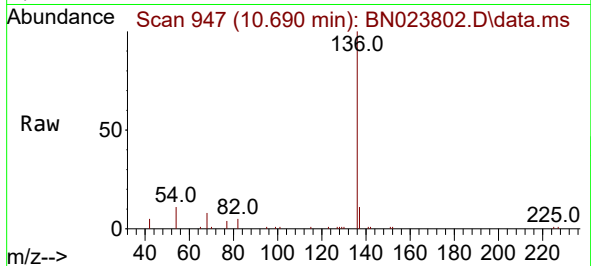




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN023802.D
Acq: 25 Jan 2023 19:59

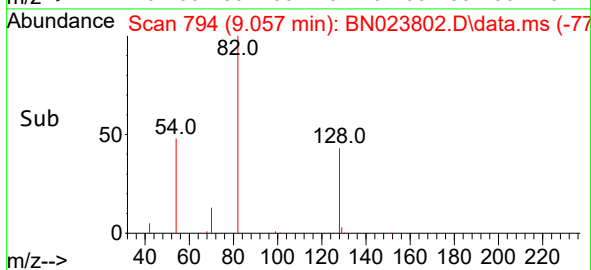
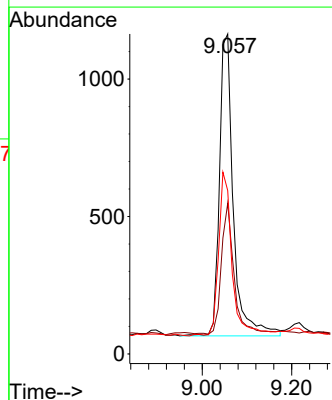
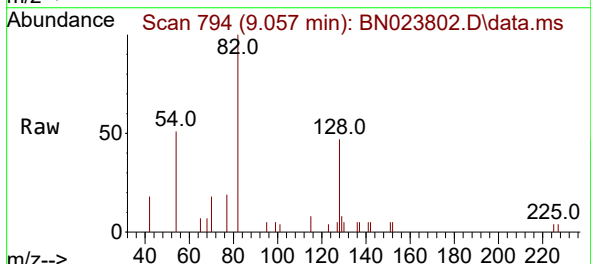
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-148-150

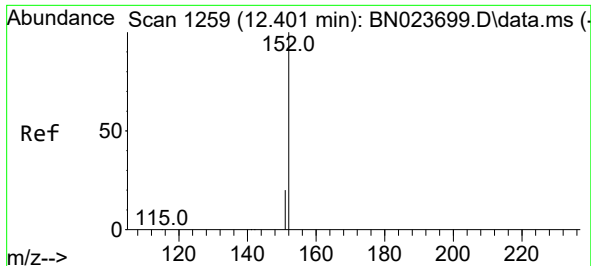
Tgt Ion:136 Resp: 13701
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 10.6 7.5 11.3
68 8.3 5.8 8.8



#8
Nitrobenzene-d5
Concen: 0.218 ng
RT: 9.057 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN023802.D
Acq: 25 Jan 2023 19:59

Tgt Ion: 82 Resp: 2367
Ion Ratio Lower Upper
82 100
128 47.1 30.2 45.2#
54 51.0 47.3 70.9

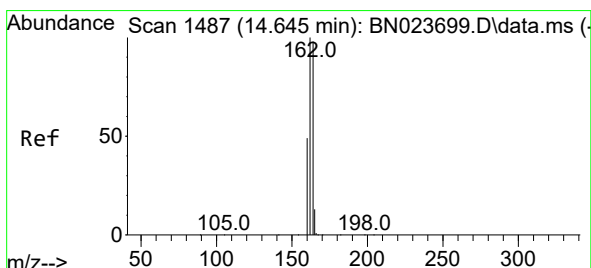
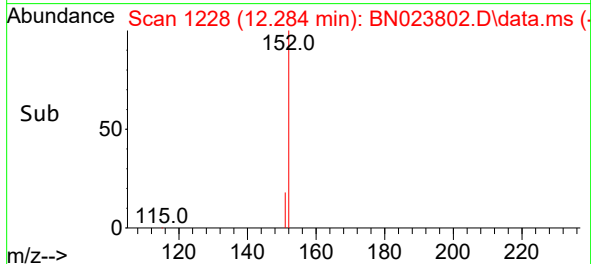
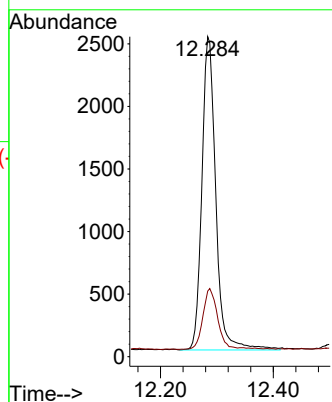
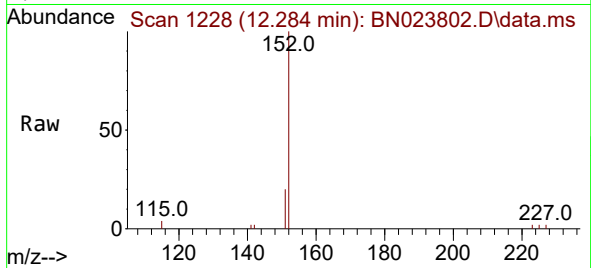




#11
2-Methylnaphthalene-d10
Concen: 0.226 ng
RT: 12.284 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023802.D
Acq: 25 Jan 2023 19:59

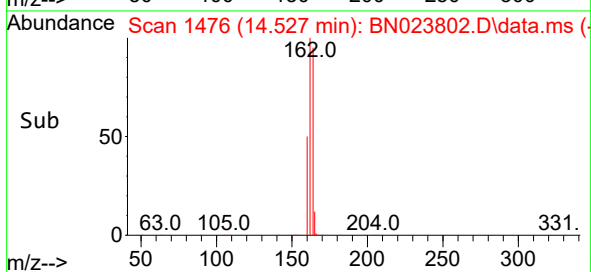
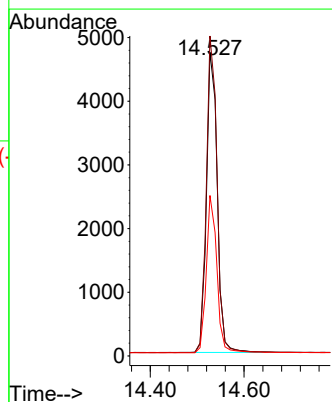
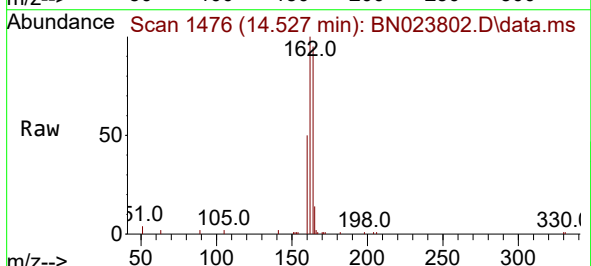
Instrument :
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ClientSampleId :
BP-VPB-RW10-GW-148-150

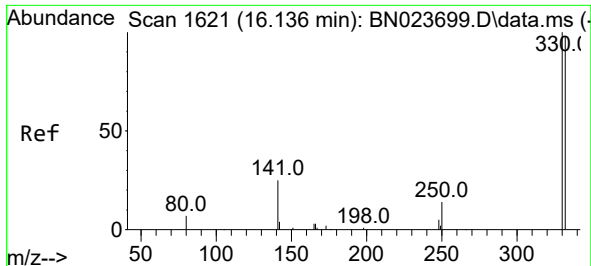
Tgt Ion:152 Resp: 4278
Ion Ratio Lower Upper
152 100
151 20.5 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN023802.D
Acq: 25 Jan 2023 19:59

Tgt Ion:164 Resp: 7535
Ion Ratio Lower Upper
164 100
162 105.4 81.8 122.6
160 52.9 40.3 60.5

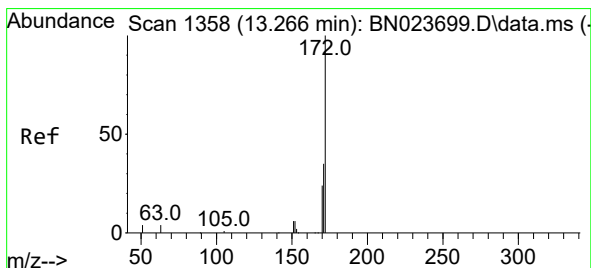
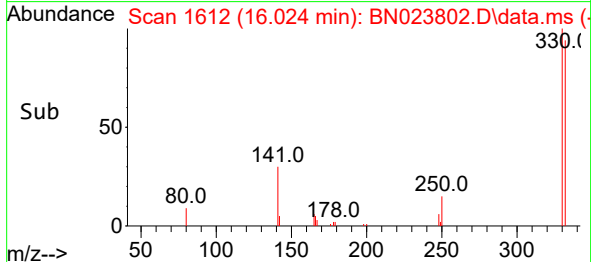
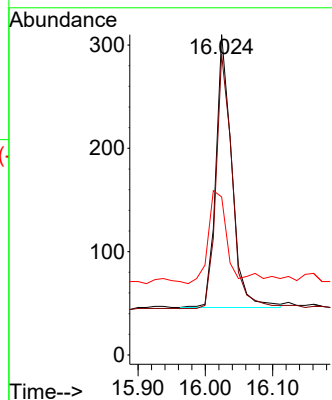
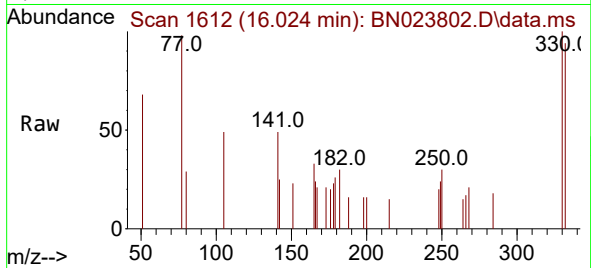




#14
2,4,6-Tribromophenol
Concen: 0.135 ng
RT: 16.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023802.D
Acq: 25 Jan 2023 19:59

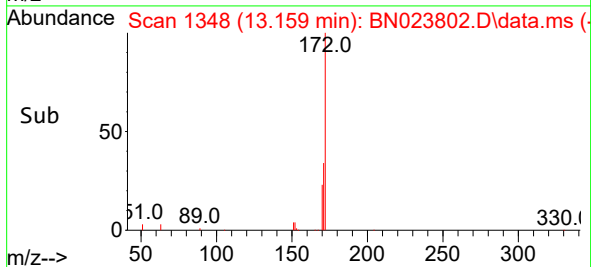
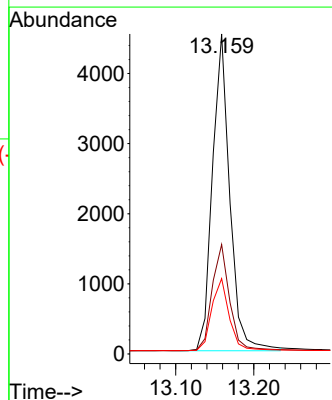
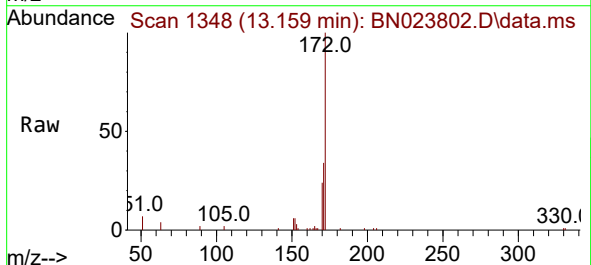
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BNA_N
ClientSampleId :
BP-VPB-RW10-GW-148-150

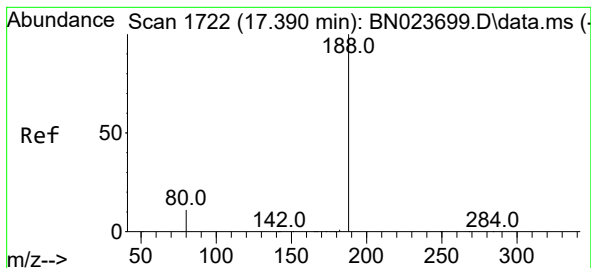
Tgt Ion:330 Resp: 431
Ion Ratio Lower Upper
330 100
332 95.1 77.6 116.4
141 39.7 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.216 ng
RT: 13.159 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BN023802.D
Acq: 25 Jan 2023 19:59

Tgt Ion:172 Resp: 6948
Ion Ratio Lower Upper
172 100
171 34.2 28.6 42.8
170 23.6 20.0 30.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.278 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN023802.D

Acq: 25 Jan 2023 19:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-148-150

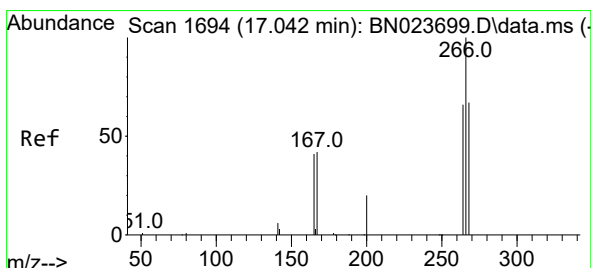
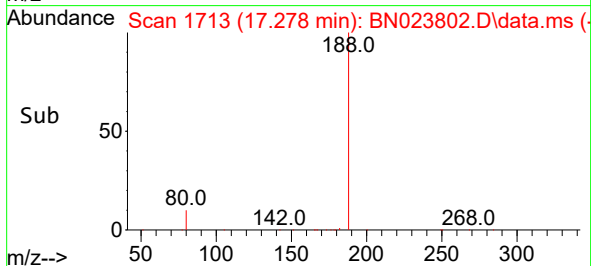
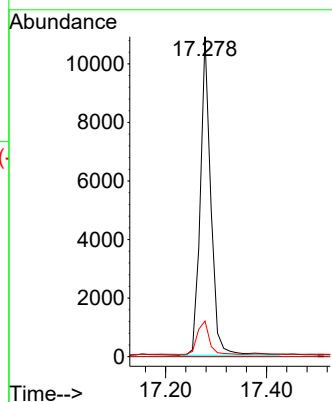
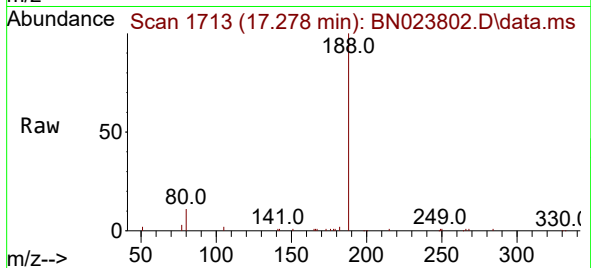
Tgt Ion:188 Resp: 15795

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 9.5 14.3



#24

Pentachlorophenol

Concen: 0.168 ng

RT: 16.943 min Scan# 1686

Delta R.T. 0.012 min

Lab File: BN023802.D

Acq: 25 Jan 2023 19:59

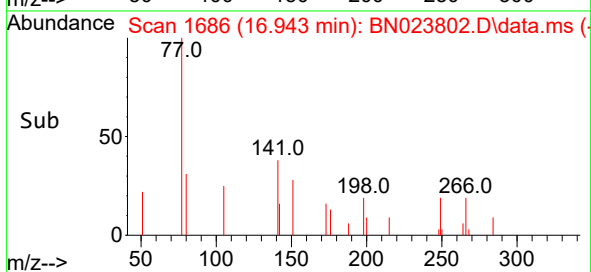
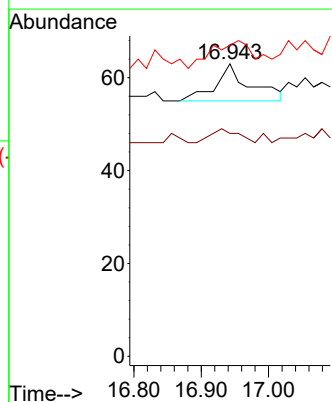
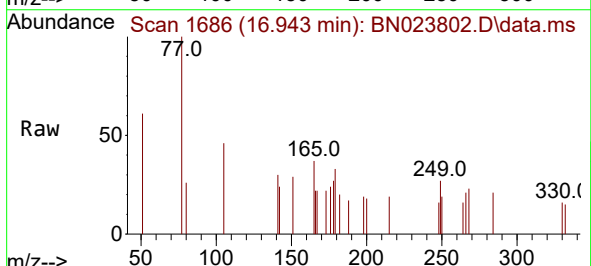
Tgt Ion:266 Resp: 28

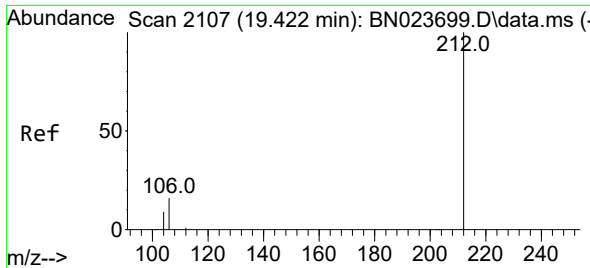
Ion Ratio Lower Upper

266 100

264 0.0 51.4 77.2#

268 96.4 52.3 78.5#

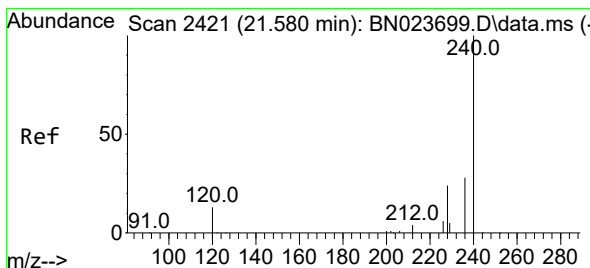
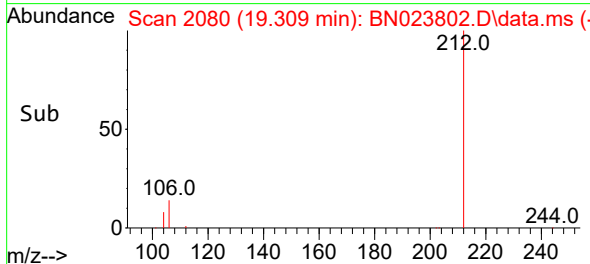
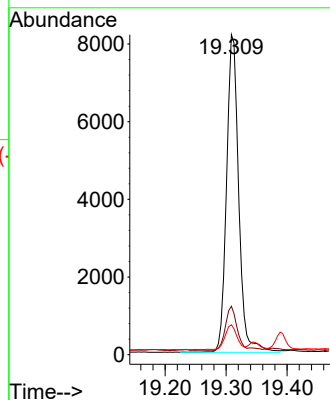
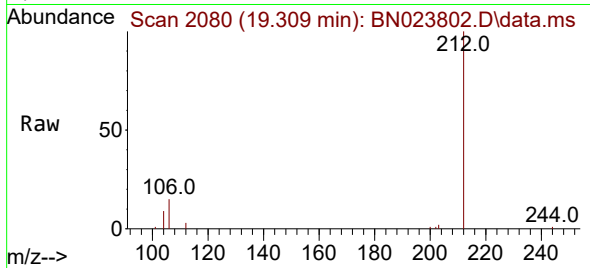




#27
Fluoranthene-d10
Concen: 0.303 ng
RT: 19.309 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BN023802.D
Acq: 25 Jan 2023 19:59

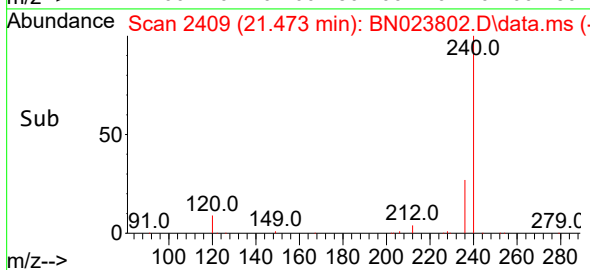
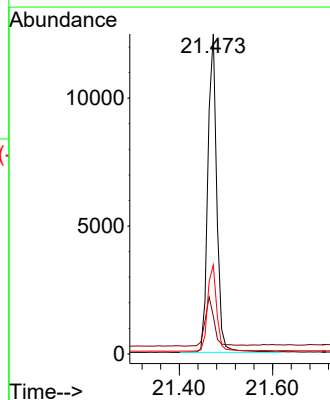
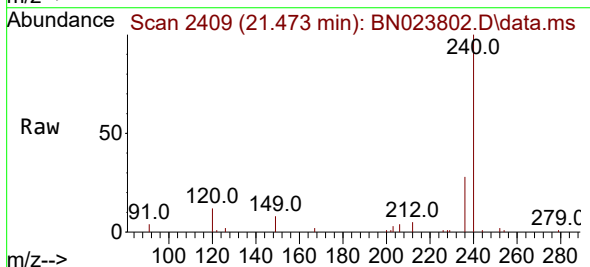
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-148-150

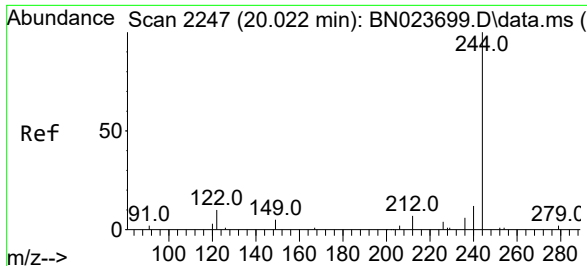
Tgt Ion:212 Resp: 11241
Ion Ratio Lower Upper
212 100
106 13.7 12.4 18.6
104 7.4 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.473 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BN023802.D
Acq: 25 Jan 2023 19:59

Tgt Ion:240 Resp: 16555
Ion Ratio Lower Upper
240 100
120 11.8 12.0 18.0#
236 27.8 22.8 34.2

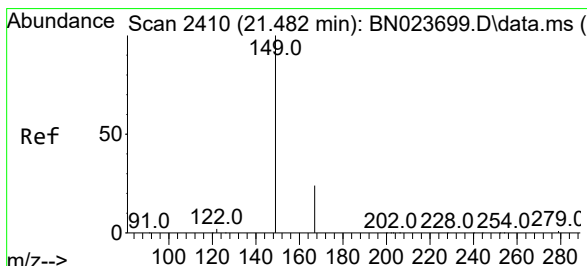
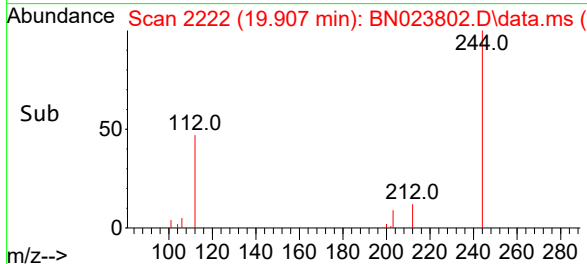
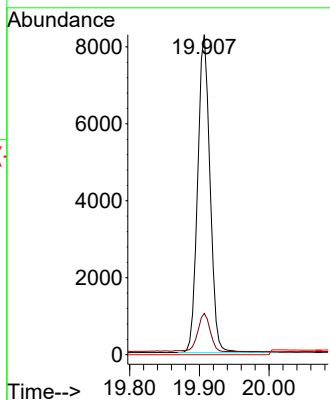
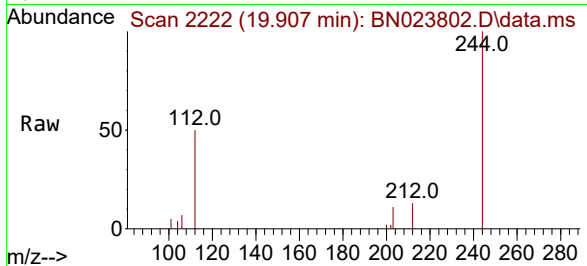




#31
 Terphenyl-d14
 Concen: 0.402 ng
 RT: 19.907 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023802.D
 Acq: 25 Jan 2023 19:59

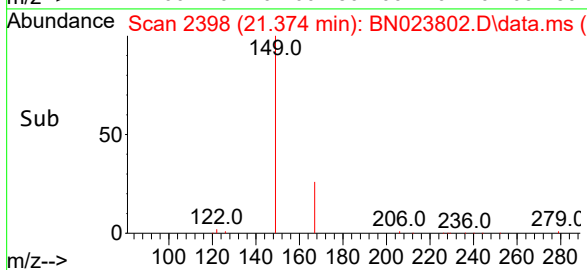
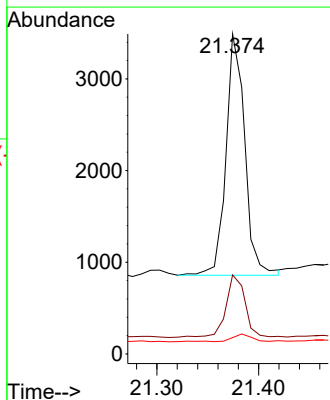
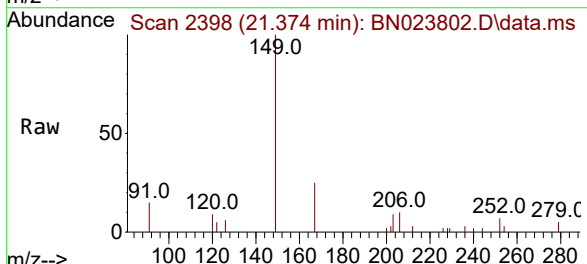
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-148-150

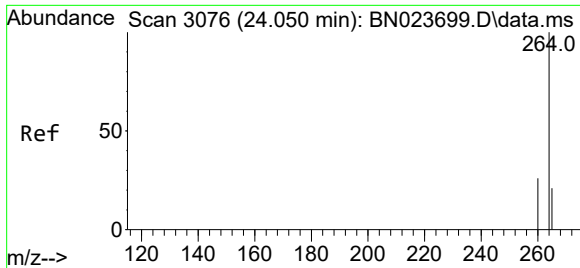
Tgt Ion:244 Resp: 10508
 Ion Ratio Lower Upper
 244 100
 212 12.9 6.5 9.7#
 122 0.0 7.6 11.4#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.144 ng
 RT: 21.374 min Scan# 2398
 Delta R.T. -0.009 min
 Lab File: BN023802.D
 Acq: 25 Jan 2023 19:59

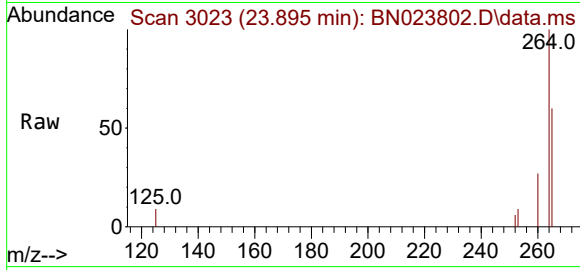
Tgt Ion:149 Resp: 3377
 Ion Ratio Lower Upper
 149 100
 167 26.7 19.8 29.8
 279 3.1 2.5 3.7





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.895 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN023802.D
Acq: 25 Jan 2023 19:59

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-148-150



Tgt Ion:264 Resp: 13074
Ion Ratio Lower Upper
264 100
260 26.7 21.0 31.6
265 59.6 49.9 74.9

