

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
 Data File : BN032079.D
 Acq On : 19 Jun 2024 21:52
 Operator : MA/JU
 Sample : P2838-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-DUP-20240607

Quant Time: Jun 19 23:32:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

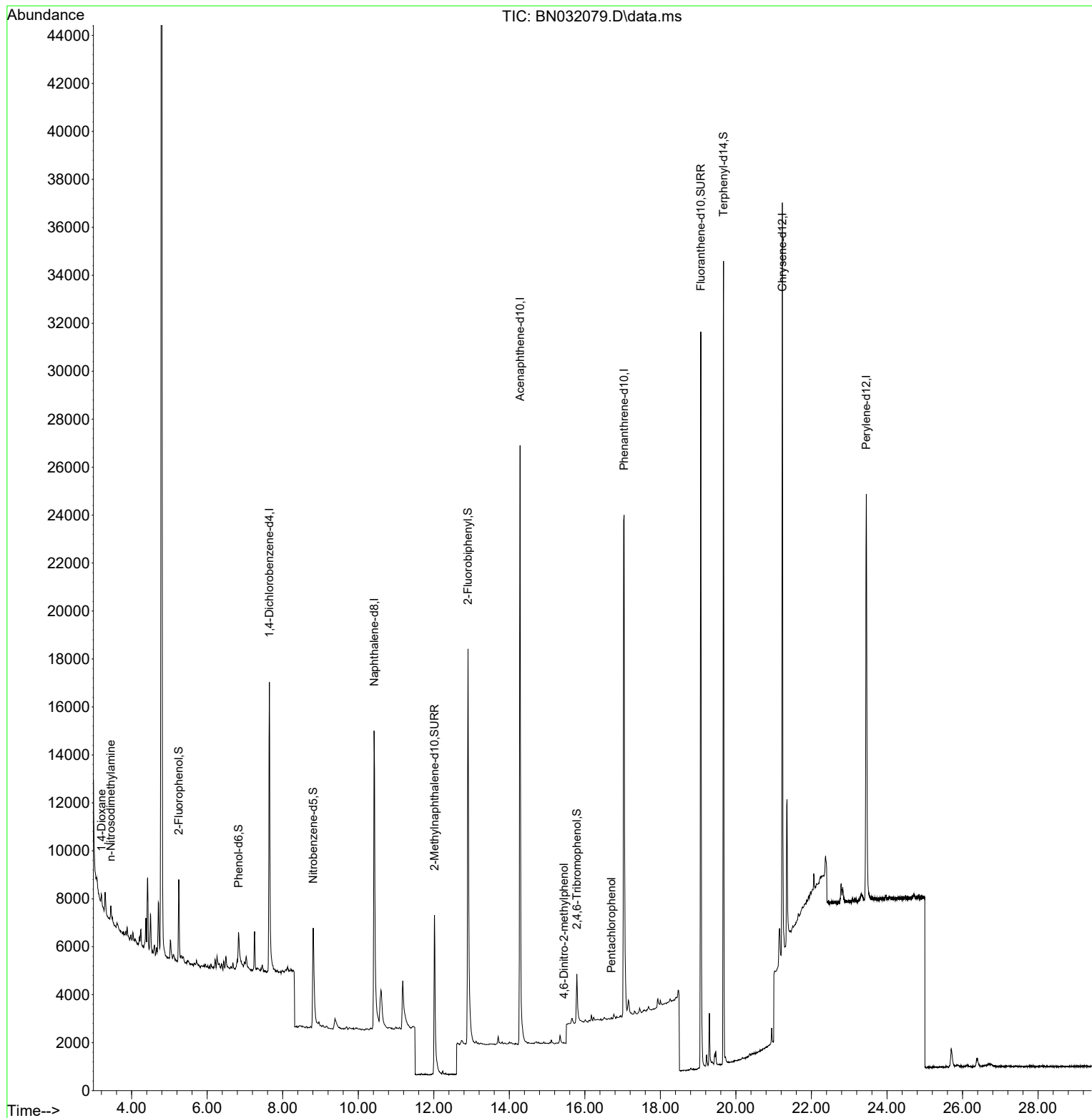
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	7067	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	23474	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	16428	0.400	ng	0.00
19) Phenanthrene-d10	17.041	188	38562	0.400	ng	0.01
29) Chrysene-d12	21.229	240	28669	0.400	ng	# 0.00
35) Perylene-d12	23.452	264	24197	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	3170	0.158	ng	0.00
5) Phenol-d6	6.830	99	2464	0.094	ng	0.00
8) Nitrobenzene-d5	8.809	82	5740	0.294	ng	0.01
11) 2-Methylnaphthalene-d10	12.020	152	12477	0.334	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	1565	0.199	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	20600	0.331	ng	0.00
27) Fluoranthene-d10	19.072	212	37080	0.353	ng	0.00
31) Terphenyl-d14	19.672	244	33214	0.474	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	334	0.039	ng	# 1
3) n-Nitrosodimethylamine	3.450	42	291	0.035	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.450	198	13	0.176	ng	# 1
24) Pentachlorophenol	16.706	266	39	0.173	ng	# 34

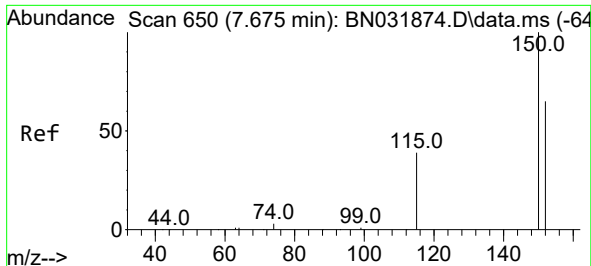
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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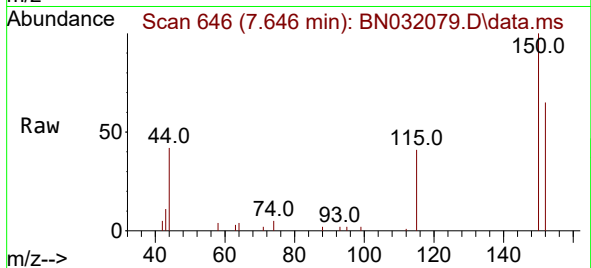
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
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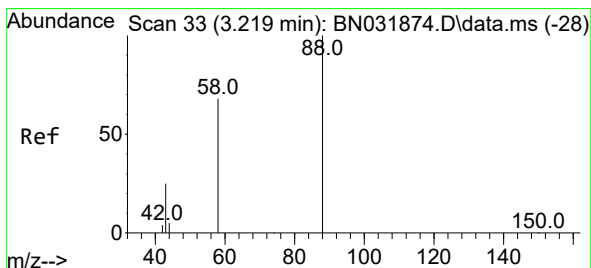
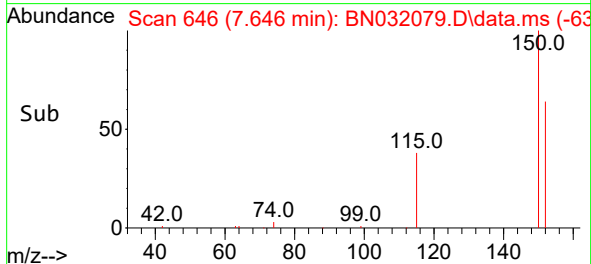
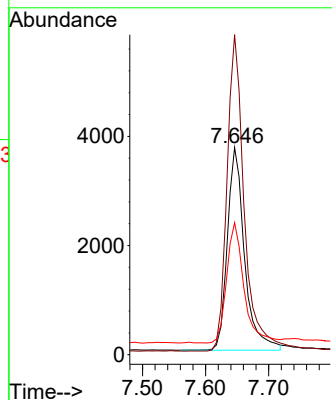
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.646 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN032079.D
 Acq: 19 Jun 2024 21:52

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-DUP-20240607



Tgt Ion:152 Resp: 7067

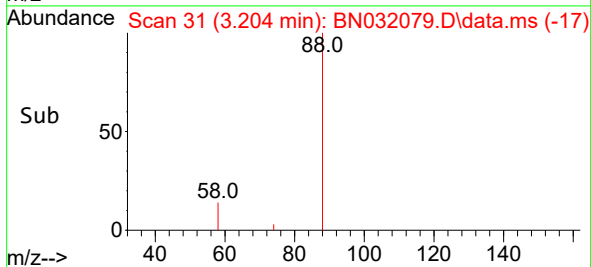
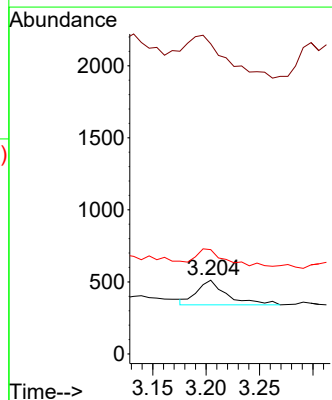
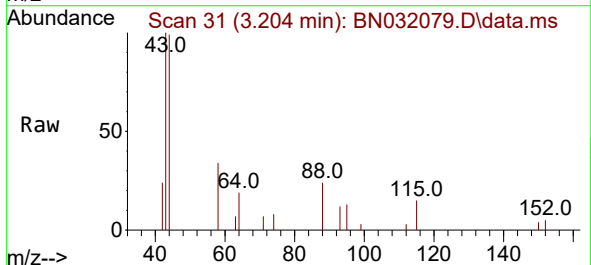
Ion	Ratio	Lower	Upper
152	100		
150	154.5	121.0	181.4
115	63.7	49.4	74.0

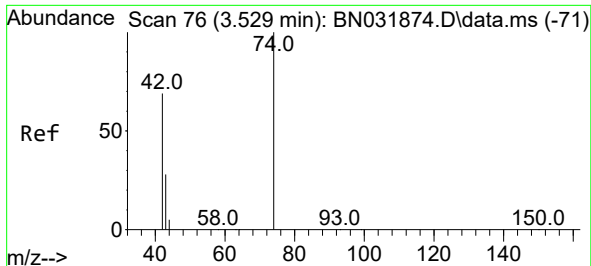


#2
 1,4-Dioxane
 Concen: 0.039 ng
 RT: 3.204 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN032079.D
 Acq: 19 Jun 2024 21:52

Tgt Ion: 88 Resp: 334

Ion	Ratio	Lower	Upper
88	100		
43	214.4	22.7	34.1#
58	64.4	51.3	76.9

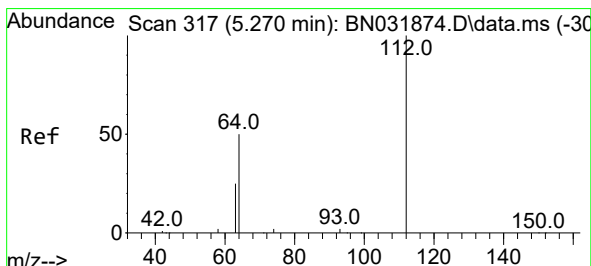
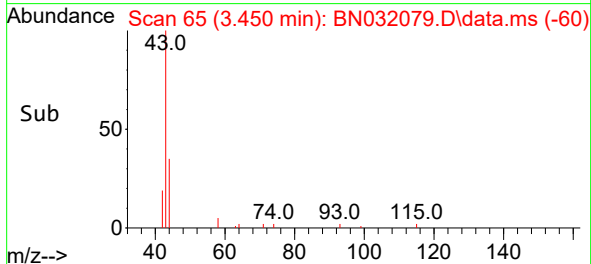
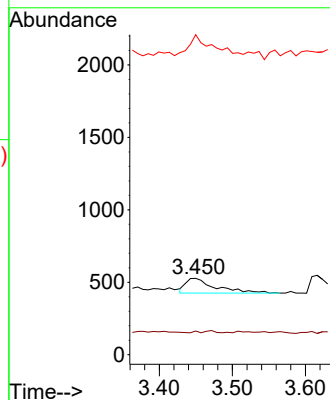
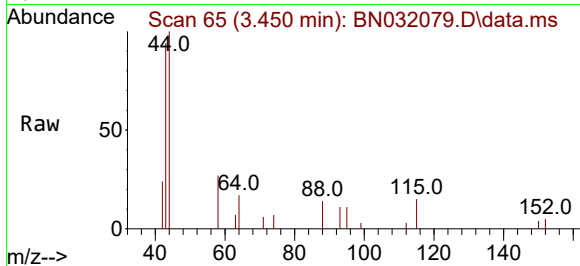




#3
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.450 min Scan# 61
Delta R.T. -0.065 min
Lab File: BN032079.D
Acq: 19 Jun 2024 21:52

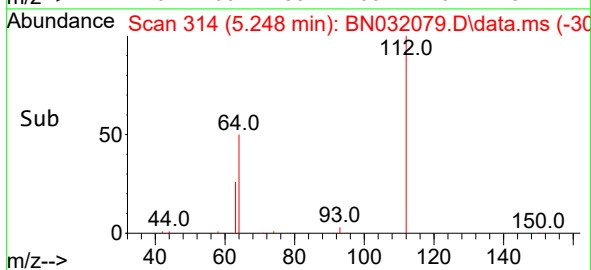
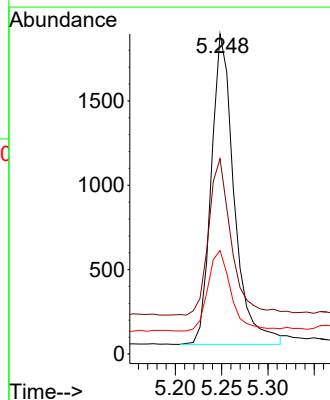
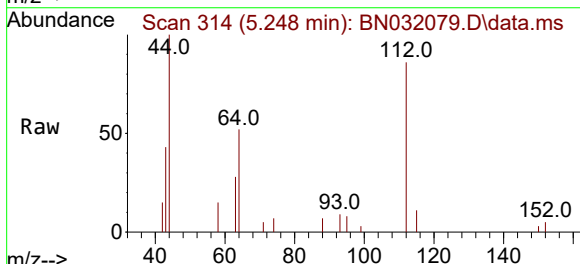
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-DUP-20240607

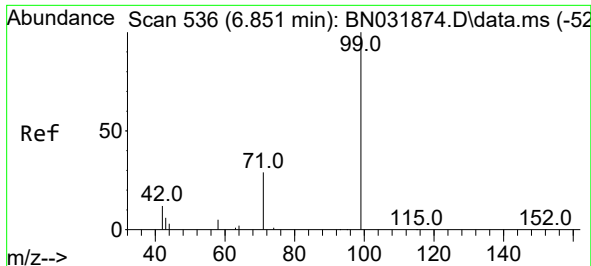
Tgt Ion: 42 Resp: 291
Ion Ratio Lower Upper
42 100
74 0.0 125.2 187.8#
44 86.9 6.9 10.3#



#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.248 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN032079.D
Acq: 19 Jun 2024 21:52

Tgt Ion: 112 Resp: 3170
Ion Ratio Lower Upper
112 100
64 49.9 42.4 63.6
63 26.2 22.1 33.1

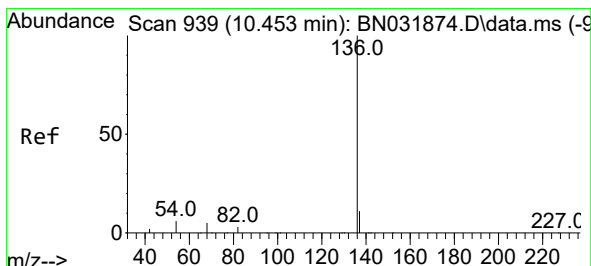
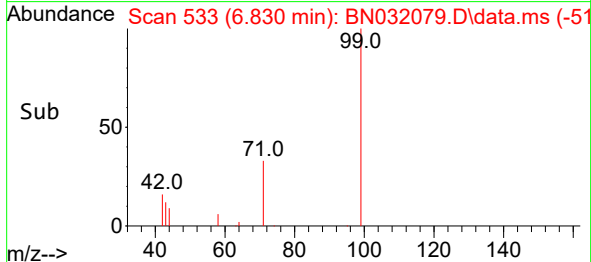
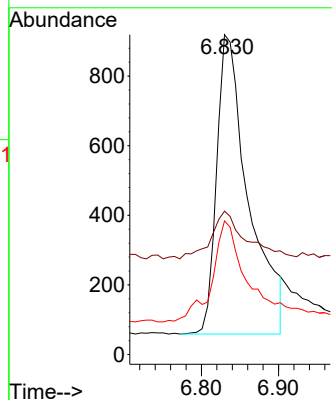
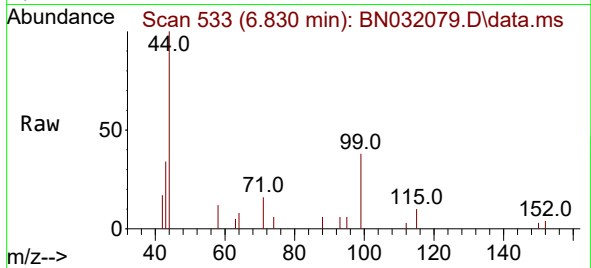




#5
Phenol-d6
Concen: 0.094 ng
RT: 6.830 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN032079.D
Acq: 19 Jun 2024 21:52

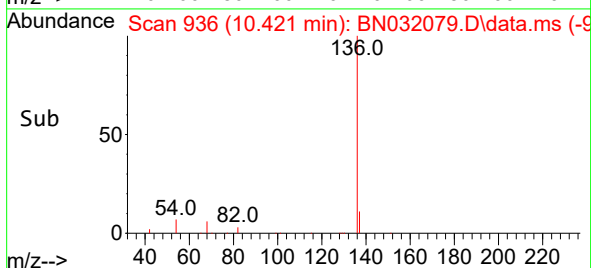
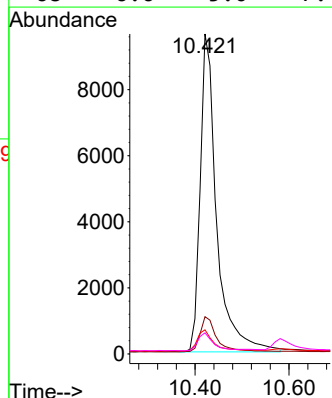
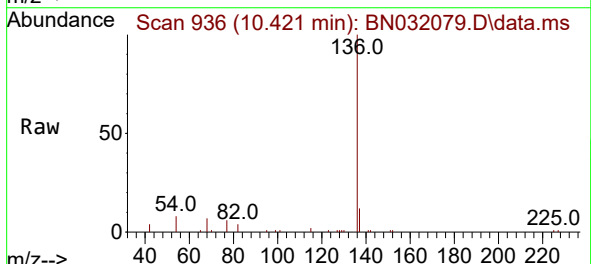
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-DUP-20240607

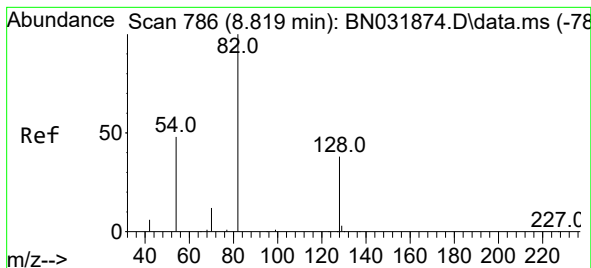
Tgt Ion: 99 Resp: 2464
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 35.2 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN032079.D
Acq: 19 Jun 2024 21:52

Tgt Ion: 136 Resp: 23474
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 7.5 5.6 8.4
68 6.6 5.0 7.4

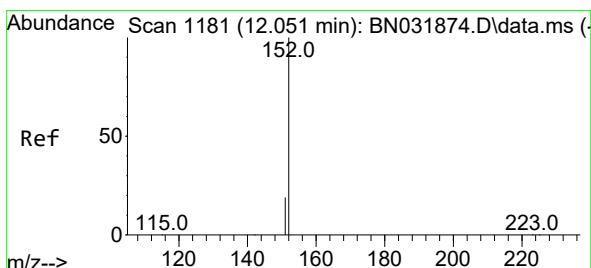
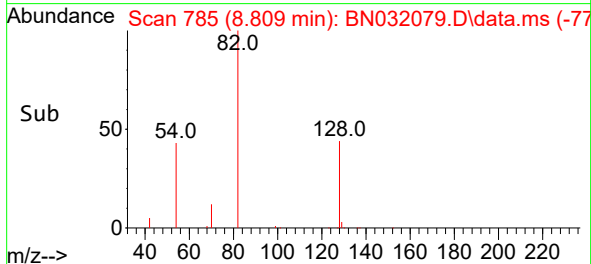
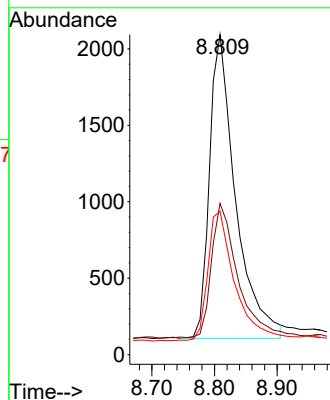
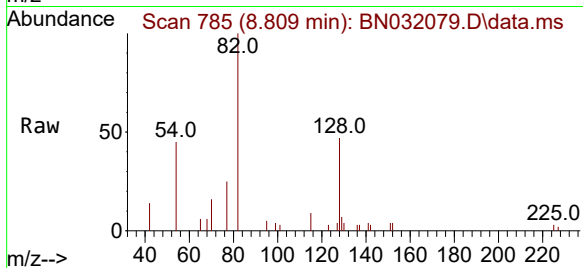




#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.809 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN032079.D
Acq: 19 Jun 2024 21:52

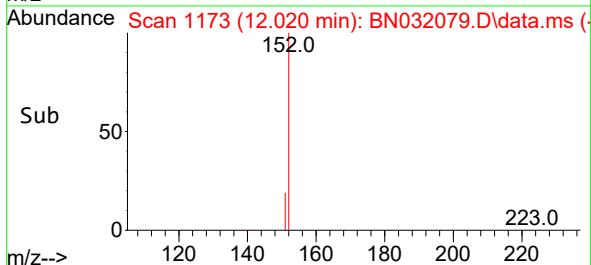
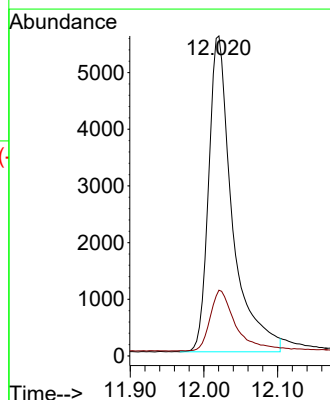
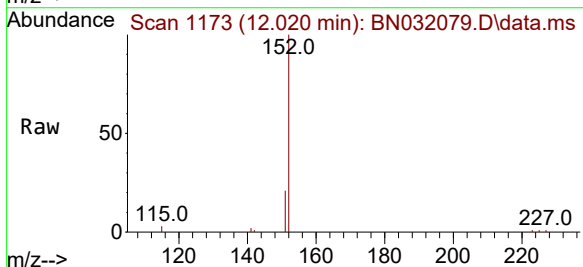
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-DUP-20240607

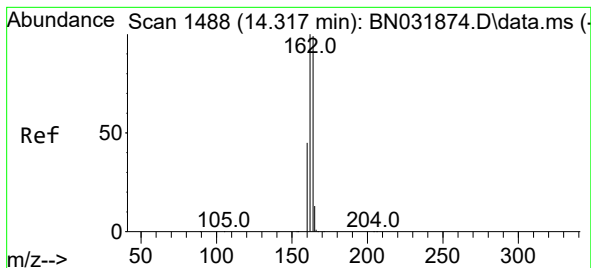
Tgt Ion: 82 Resp: 5740
Ion Ratio Lower Upper
82 100
128 47.3 32.1 48.1
54 44.8 39.7 59.5



#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.020 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN032079.D
Acq: 19 Jun 2024 21:52

Tgt Ion: 152 Resp: 12477
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.285 min Scan# 1488

Delta R.T. -0.000 min

Lab File: BN032079.D

Acq: 19 Jun 2024 21:52

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-DUP-20240607

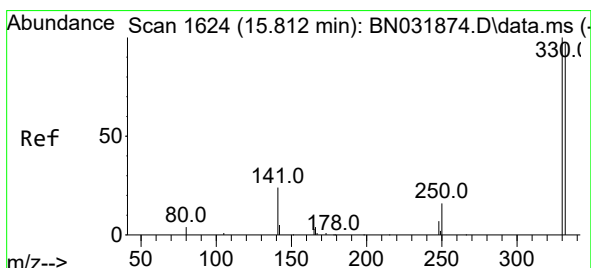
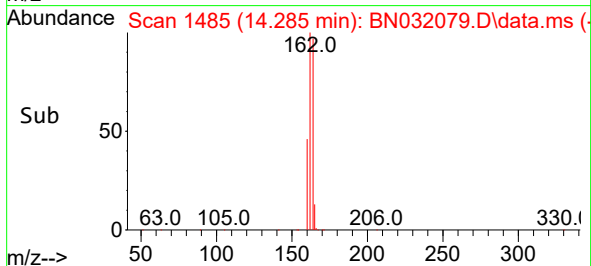
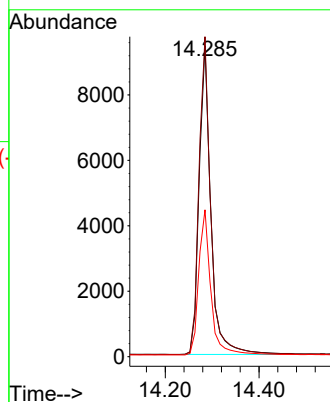
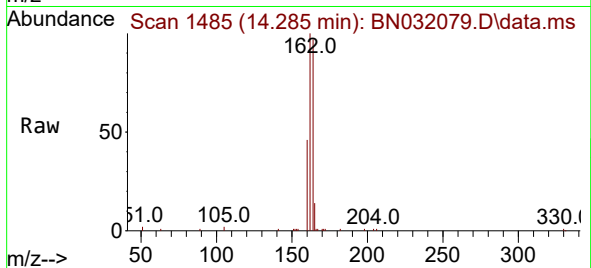
Tgt Ion:164 Resp: 16428

Ion Ratio Lower Upper

164 100

162 102.9 80.7 121.1

160 47.2 36.2 54.4



#14

2,4,6-Tribromophenol

Concen: 0.199 ng

RT: 15.787 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BN032079.D

Acq: 19 Jun 2024 21:52

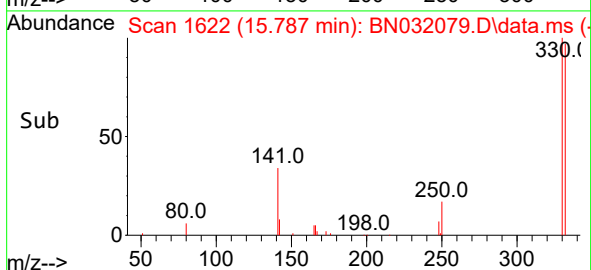
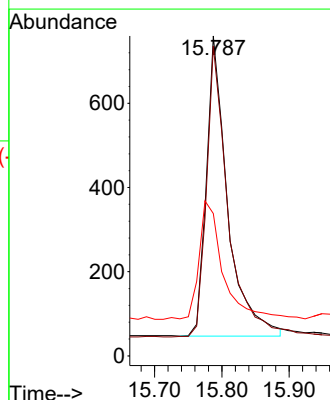
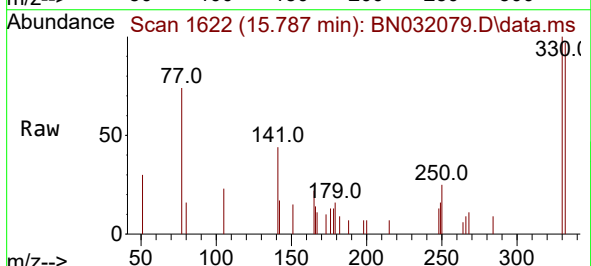
Tgt Ion:330 Resp: 1565

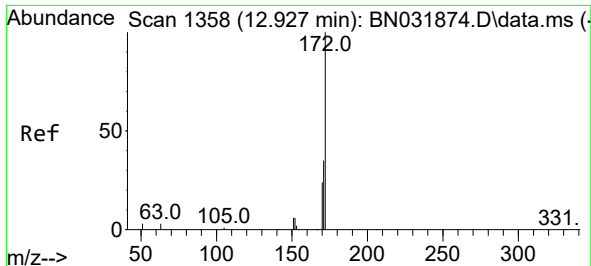
Ion Ratio Lower Upper

330 100

332 97.8 77.5 116.3

141 44.0 34.7 52.1

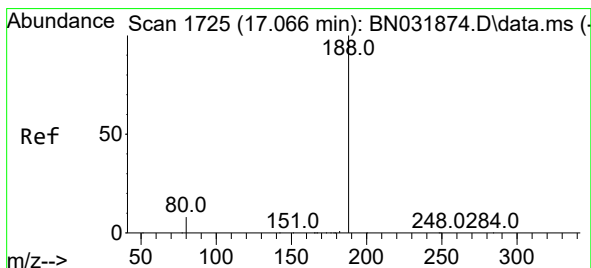
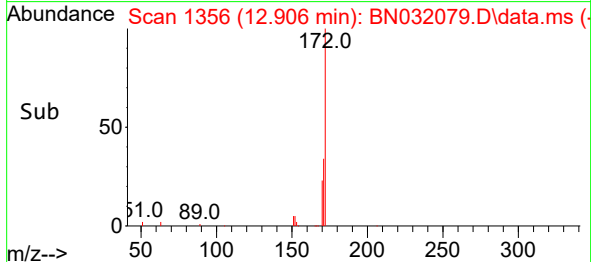
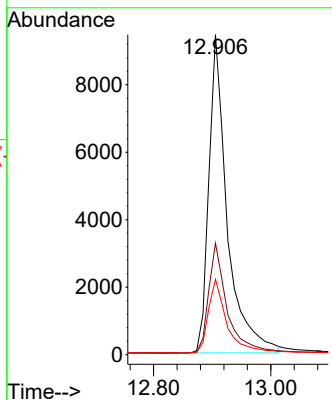
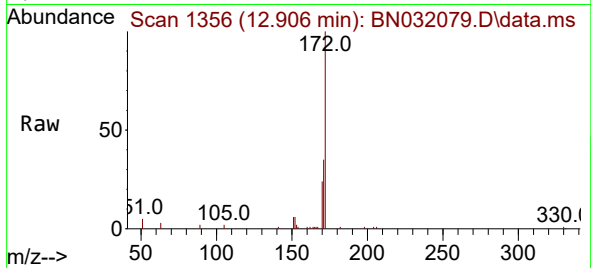




#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 12.906 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN032079.D
Acq: 19 Jun 2024 21:52

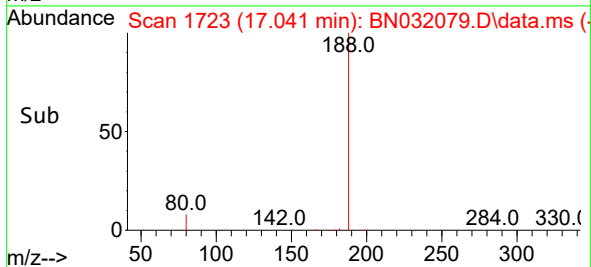
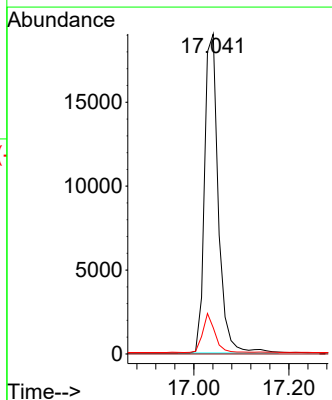
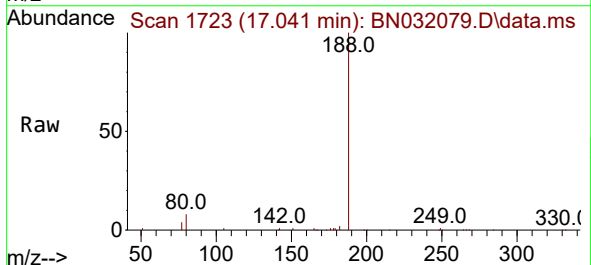
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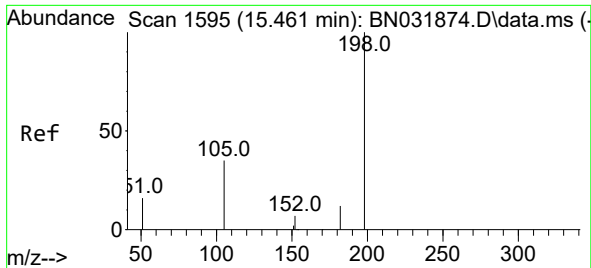
Tgt Ion:172 Resp: 20600
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.5 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.041 min Scan# 1723
Delta R.T. 0.012 min
Lab File: BN032079.D
Acq: 19 Jun 2024 21:52

Tgt Ion:188 Resp: 38562
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 6.4 9.6

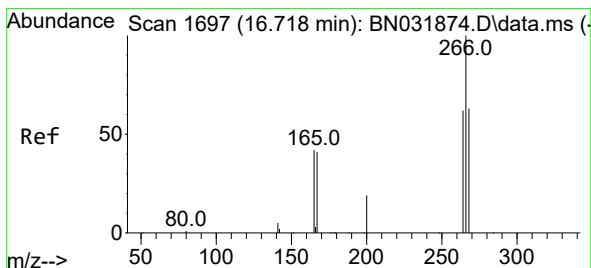
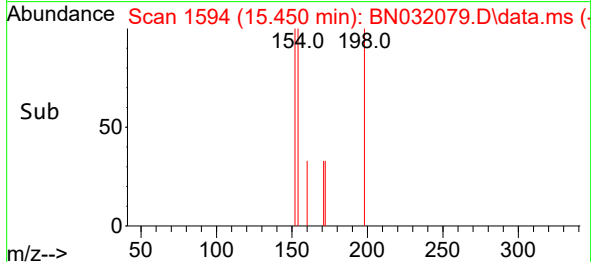
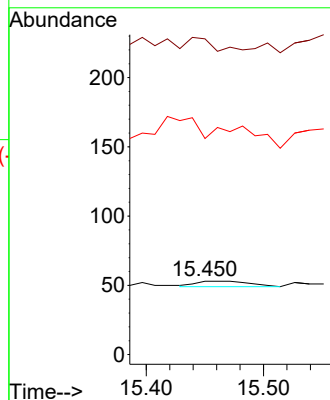
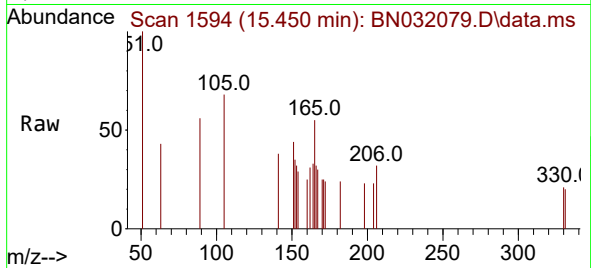




#20
4,6-Dinitro-2-methylphenol
Concen: 0.176 ng
RT: 15.450 min Scan# 1594
Delta R.T. 0.011 min
Lab File: BN032079.D
Acq: 19 Jun 2024 21:52

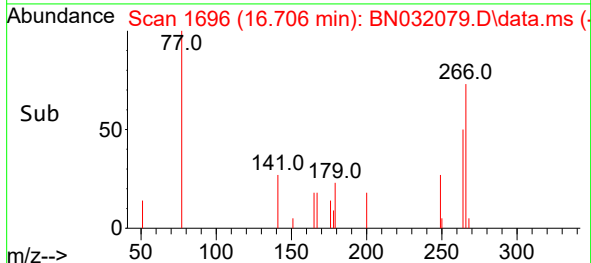
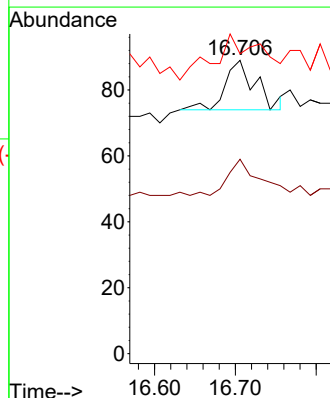
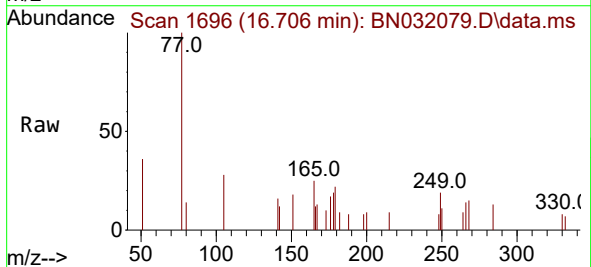
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-DUP-20240607

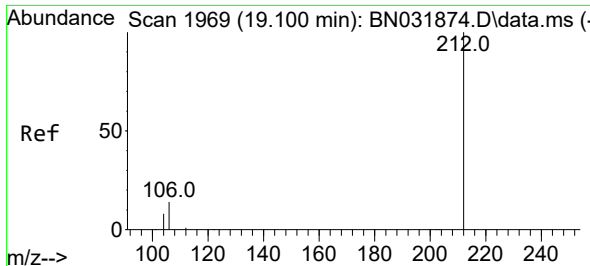
Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 430.2 42.7 64.1#
105 294.3 41.8 62.8#



#24
Pentachlorophenol
Concen: 0.173 ng
RT: 16.706 min Scan# 1696
Delta R.T. 0.012 min
Lab File: BN032079.D
Acq: 19 Jun 2024 21:52

Tgt Ion:266 Resp: 39
Ion Ratio Lower Upper
266 100
264 82.1 50.0 75.0#
268 146.2 51.0 76.6#

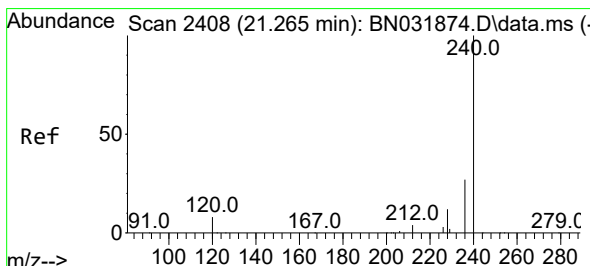
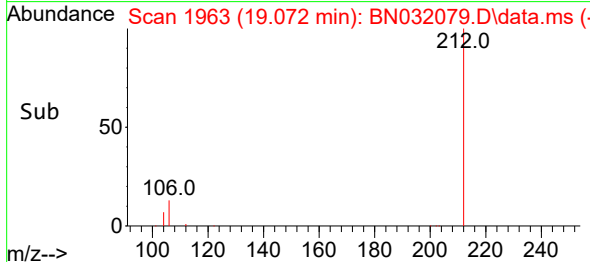
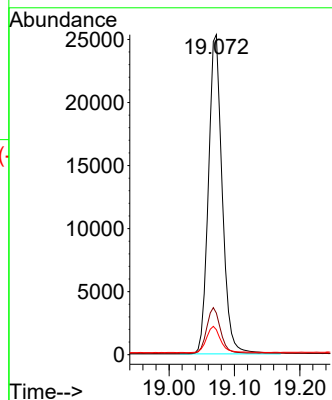
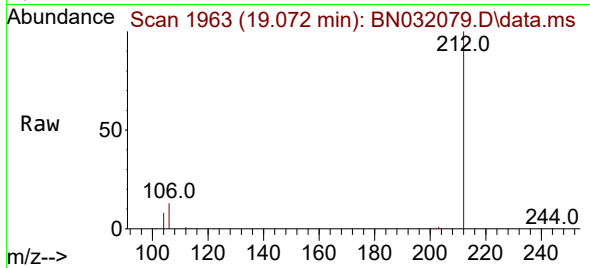




#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.072 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BN032079.D
Acq: 19 Jun 2024 21:52

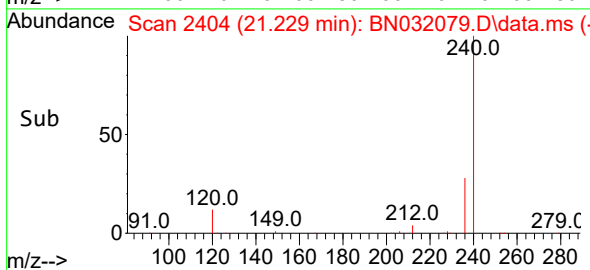
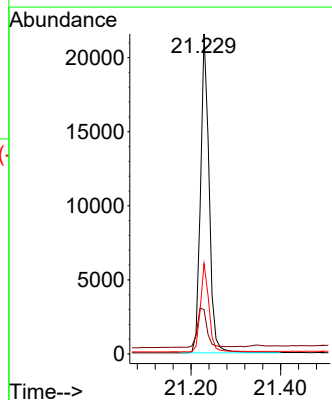
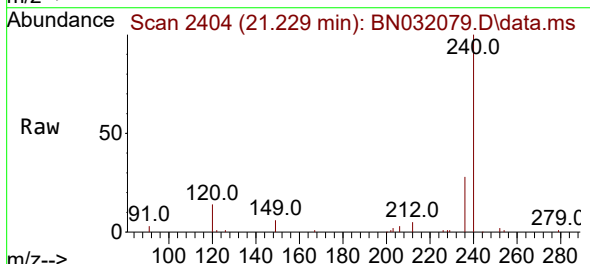
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-DUP-20240607

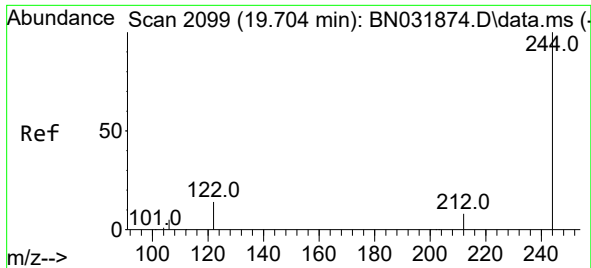
Tgt Ion:212 Resp: 37080
Ion Ratio Lower Upper
212 100
106 14.4 11.8 17.8
104 8.3 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BN032079.D
Acq: 19 Jun 2024 21:52

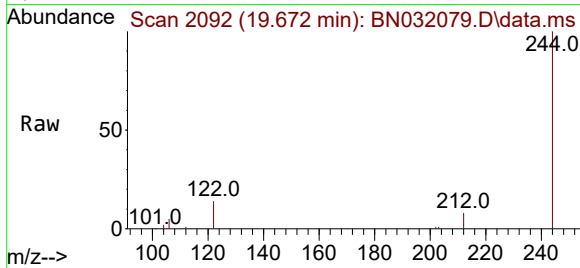
Tgt Ion:240 Resp: 28669
Ion Ratio Lower Upper
240 100
120 13.8 8.2 12.4#
236 28.3 21.8 32.8



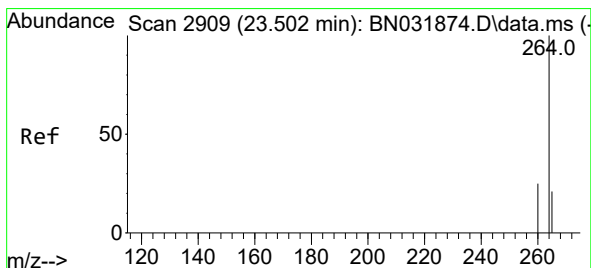
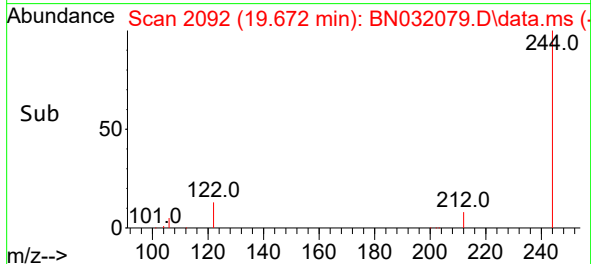
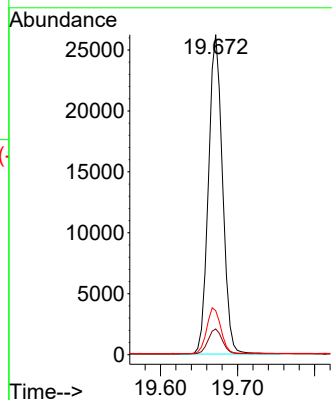


#31
Terphenyl-d14
Concen: 0.474 ng
RT: 19.672 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BN032079.D
Acq: 19 Jun 2024 21:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-DUP-20240607



Tgt Ion:244 Resp: 33214
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 13.8 11.4 17.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.452 min Scan# 2892
Delta R.T. -0.000 min
Lab File: BN032079.D
Acq: 19 Jun 2024 21:52

Tgt Ion:264 Resp: 24197
Ion Ratio Lower Upper
264 100
260 25.8 20.5 30.7
265 64.4 39.6 59.4#

