

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033059.D
 Acq On : 28 Jul 2024 07:48
 Operator : MA/JU
 Sample : P3338-04
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-1000-1002

Quant Time: Jul 29 01:14:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

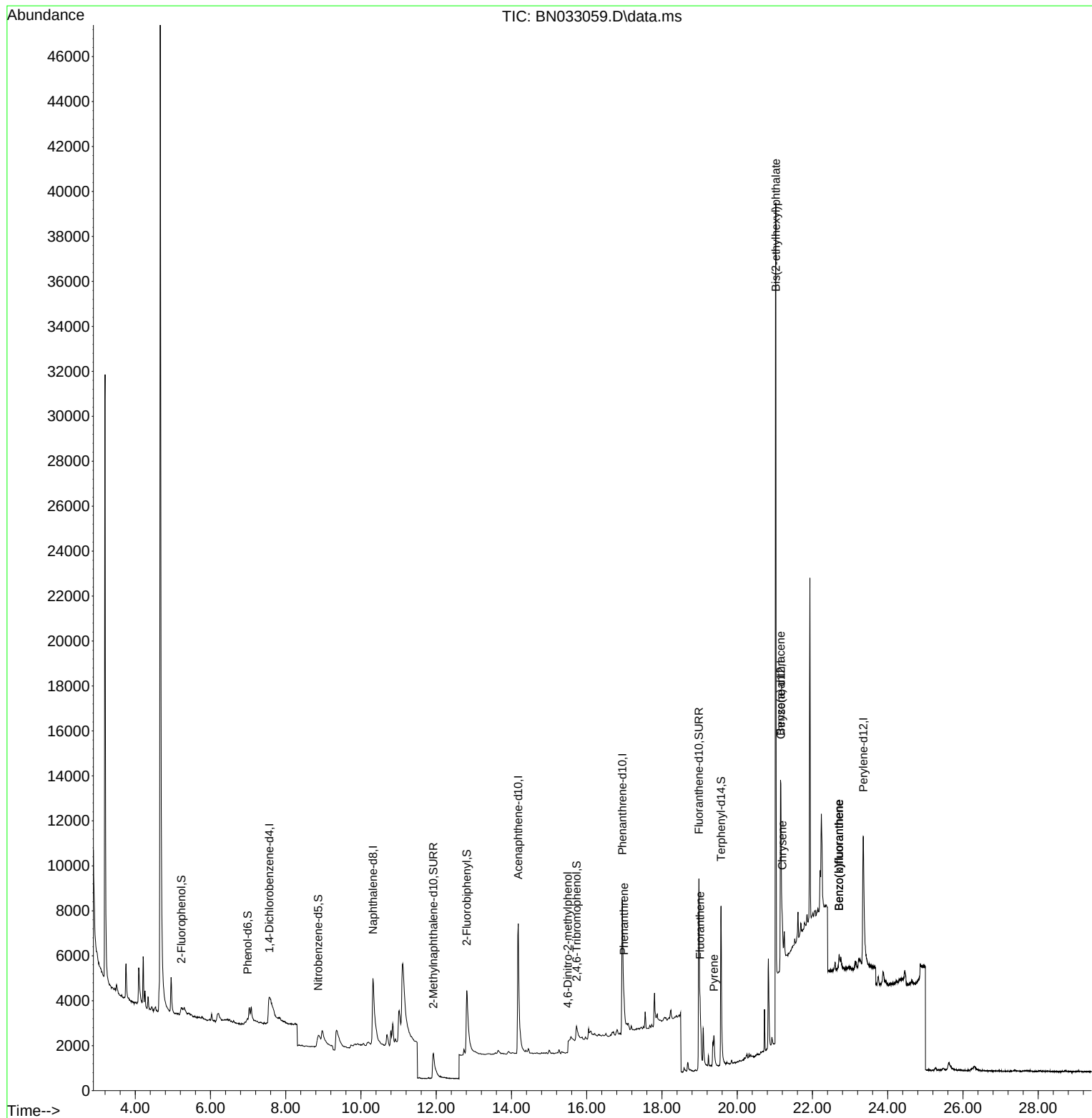
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	2396	0.400	ng	# 0.04
7) Naphthalene-d8	10.319	136	10123	0.400	ng	# 0.02
13) Acenaphthene-d10	14.180	164	6138	0.400	ng	0.00
19) Phenanthrene-d10	16.945	188	13273	0.400	ng	# 0.00
29) Chrysene-d12	21.160	240	12367	0.400	ng	0.00
35) Perylene-d12	23.353	264	11769	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	1092	0.180	ng	0.05
5) Phenol-d6	6.990	99	286	0.038	ng	0.21
8) Nitrobenzene-d5	8.867	82	1748	0.229	ng	0.13
11) 2-Methylnaphthalene-d10	11.924	152	4328	0.279	ng	0.00
14) 2,4,6-Tribromophenol	15.729	330	703	0.268	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	6729	0.295	ng	0.00
27) Fluoranthene-d10	18.983	212	13214	0.385	ng	-0.01
31) Terphenyl-d14	19.568	244	10461	0.413	ng	-0.02
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.494	198	5	0.295	ng	# 1
25) Phenanthrene	16.995	178	1211	0.033	ng	95
28) Fluoranthene	19.015	202	2086	0.048	ng	# 62
30) Pyrene	19.382	202	1773	0.035	ng	97
32) Benzo(a)anthracene	21.152	228	905	0.023	ng	# 70
33) Chrysene	21.196	228	1639	0.035	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.026	149	35670	1.648	ng	# 99
37) Benzo(b)fluoranthene	22.709	252	1022	0.025	ng	# 1
38) Benzo(k)fluoranthene	22.709	252	1022	0.022	ng	# 1

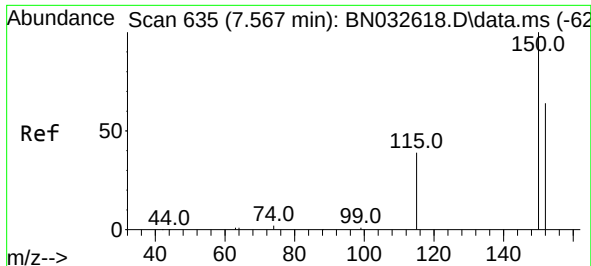
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
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BP-VPB-196-GW-1000-1002

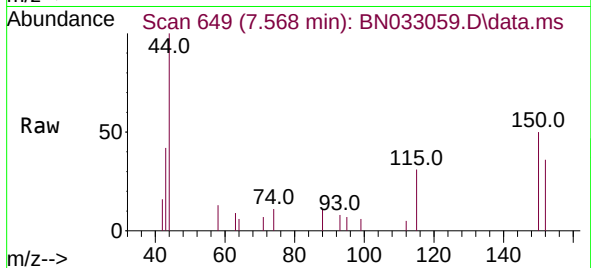
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration



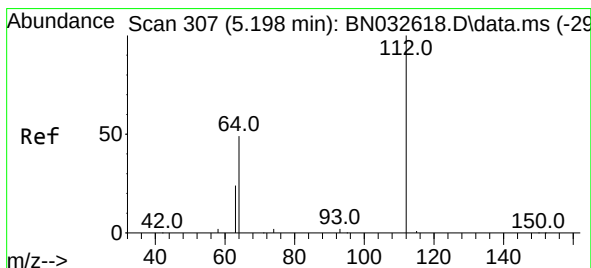
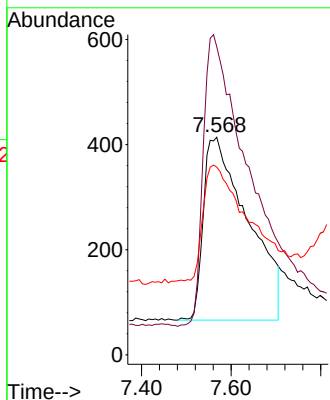
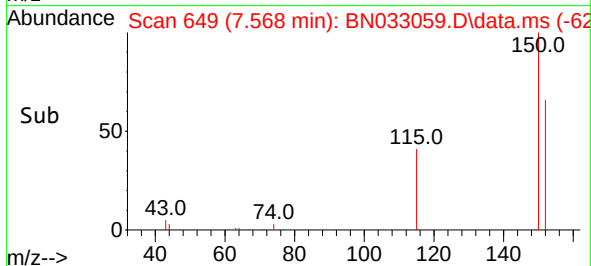


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.568 min Scan# 649
Delta R.T. 0.037 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

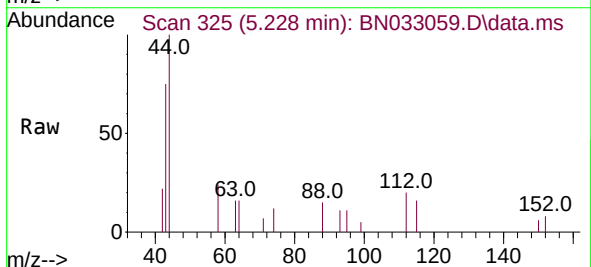
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002



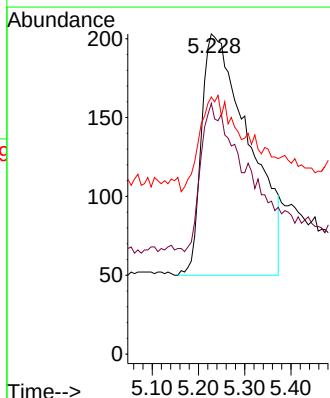
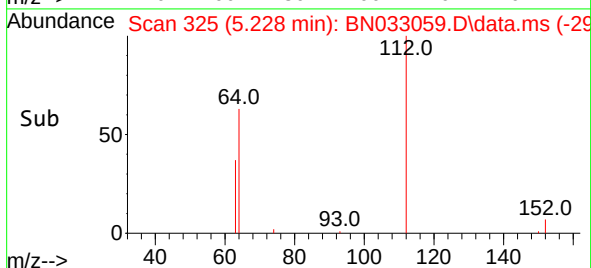
Tgt Ion:152 Resp: 2396
Ion Ratio Lower Upper
152 100
150 141.5 123.8 185.6
115 86.2 52.8 79.2#

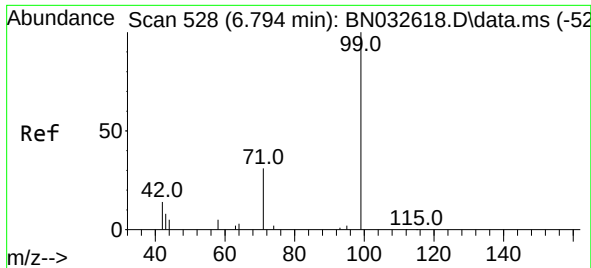


#4
2-Fluorophenol
Concen: 0.180 ng
RT: 5.228 min Scan# 325
Delta R.T. 0.052 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48



Tgt Ion:112 Resp: 1092
Ion Ratio Lower Upper
112 100
64 43.1 40.2 60.4
63 29.3 22.2 33.4

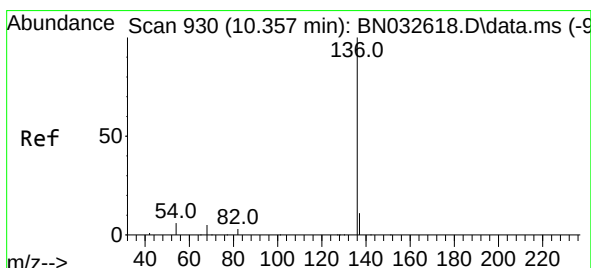
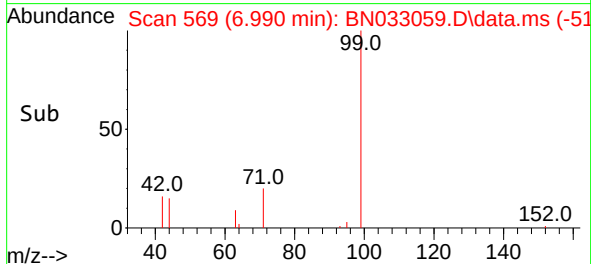
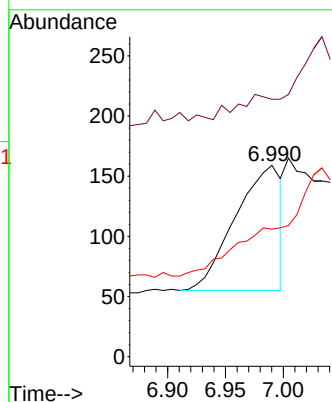
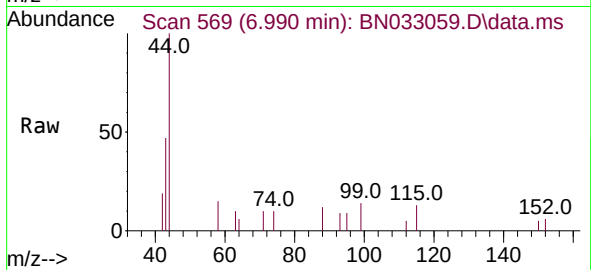




#5
Phenol-d6
Concen: 0.038 ng
RT: 6.990 min Scan# 51
Delta R.T. 0.211 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

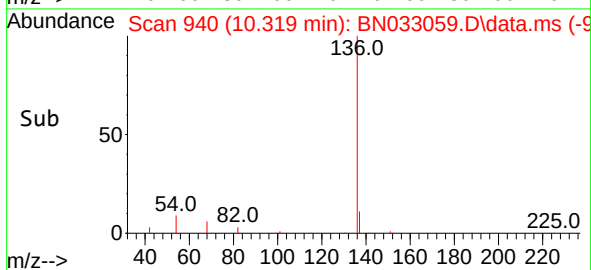
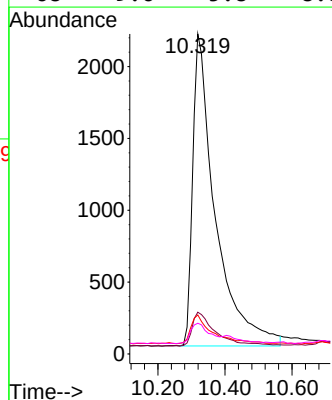
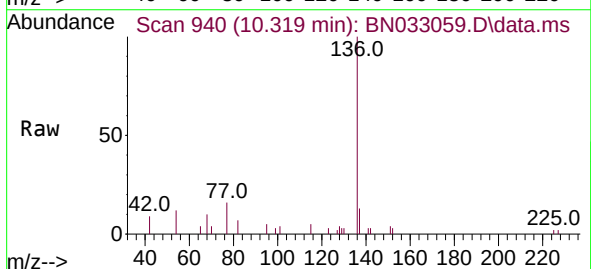
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002

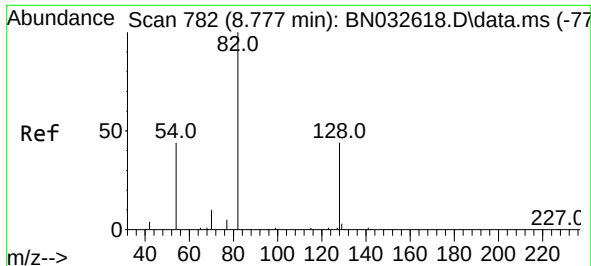
Tgt Ion: 99 Resp: 286
Ion Ratio Lower Upper
99 100
42 15.0 10.5 15.7
71 0.0 22.3 33.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 940
Delta R.T. 0.015 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

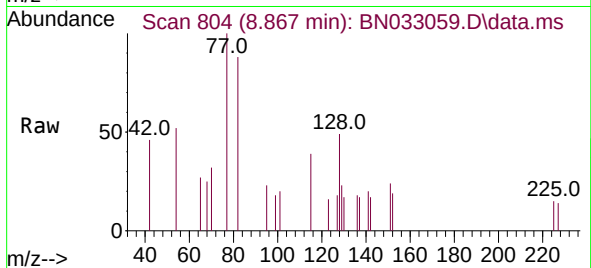
Tgt Ion: 136 Resp: 10123
Ion Ratio Lower Upper
136 100
137 13.0 9.9 14.9
54 12.2 6.5 9.7#
68 9.6 5.8 8.8#



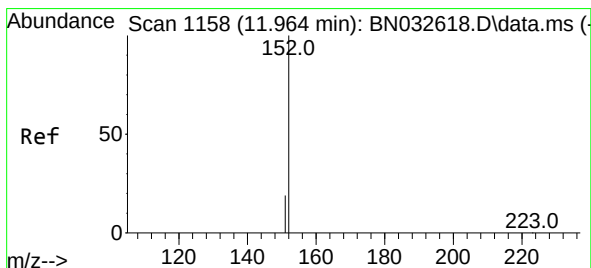
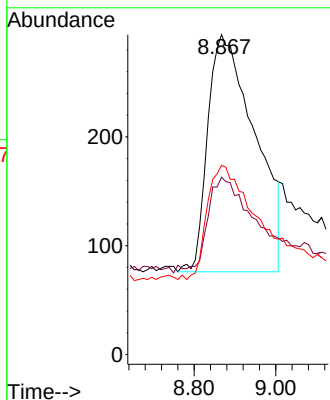
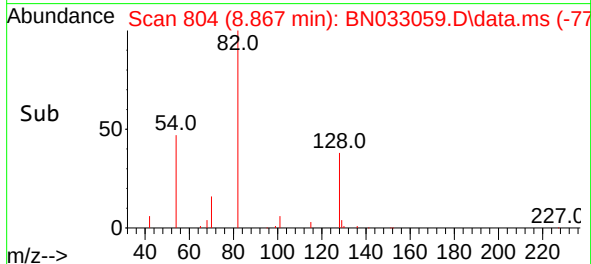


#8
Nitrobenzene-d5
Concen: 0.229 ng
RT: 8.867 min Scan# 804
Delta R.T. 0.133 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002

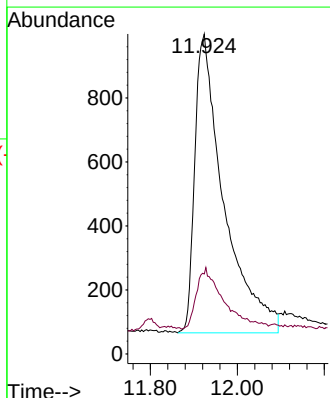
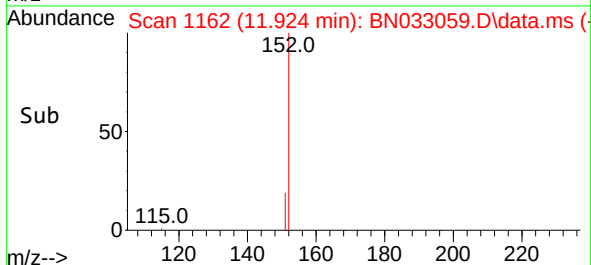
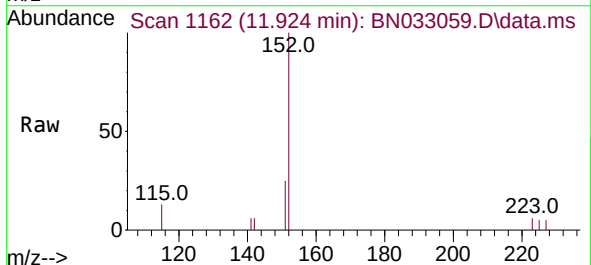


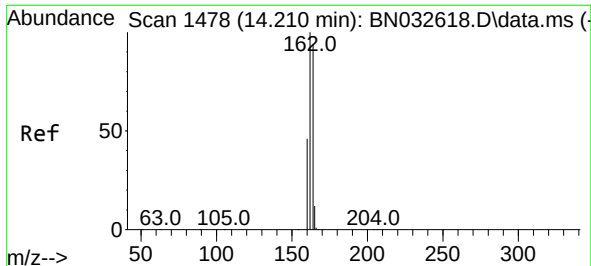
Tgt Ion: 82 Resp: 1748
Ion Ratio Lower Upper
82 100
128 55.4 41.7 62.5
54 59.2 39.5 59.3



#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 11.924 min Scan# 1162
Delta R.T. 0.009 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

Tgt Ion: 152 Resp: 4328
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2

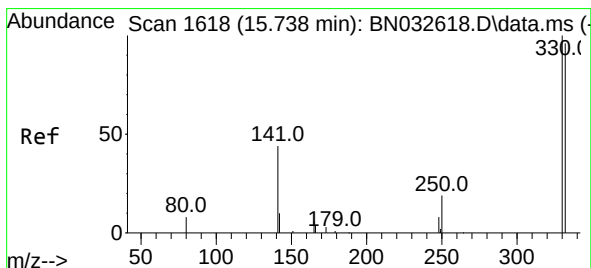
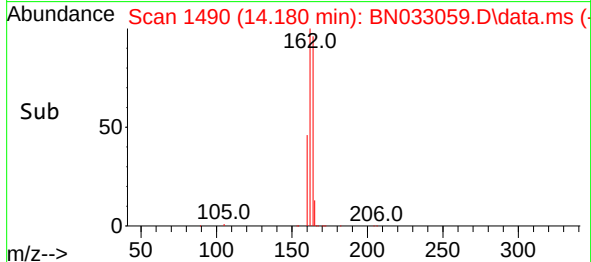
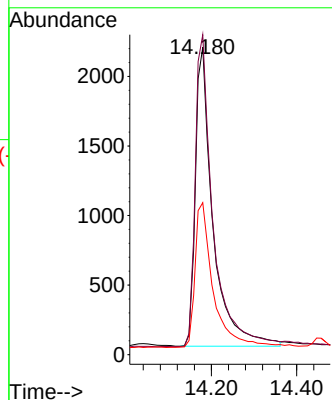
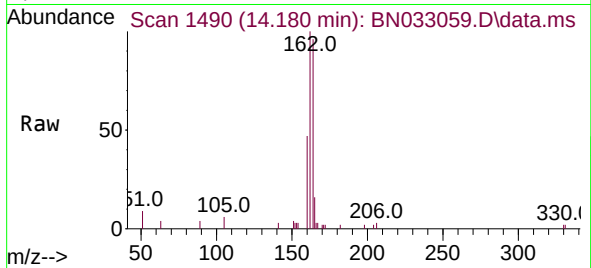




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.180 min Scan# 14
 Delta R.T. 0.002 min
 Lab File: BN033059.D
 Acq: 28 Jul 2024 07:48

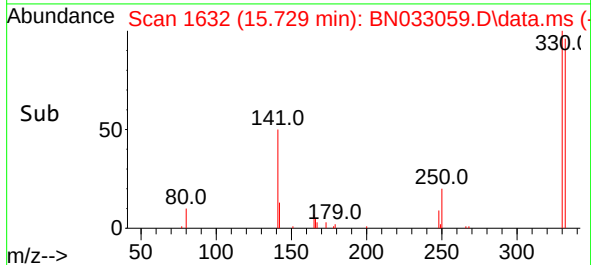
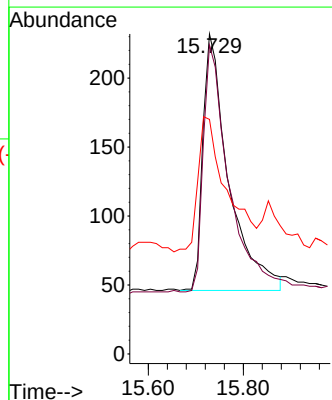
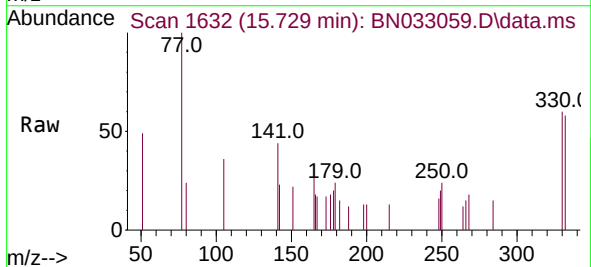
Instrument :
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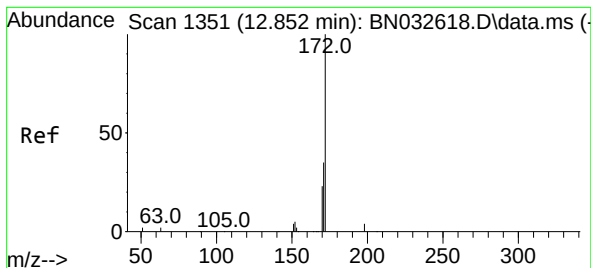
Tgt Ion:164 Resp: 6138
 Ion Ratio Lower Upper
 164 100
 162 104.1 85.0 127.4
 160 49.4 39.4 59.2



#14
 2,4,6-Tribromophenol
 Concen: 0.268 ng
 RT: 15.729 min Scan# 1632
 Delta R.T. 0.003 min
 Lab File: BN033059.D
 Acq: 28 Jul 2024 07:48

Tgt Ion:330 Resp: 703
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.8 116.8
 141 58.7 34.2 51.2#





#15

2-Fluorobiphenyl

Concen: 0.295 ng

RT: 12.811 min Scan# 11

Delta R.T. 0.002 min

Lab File: BN033059.D

Acq: 28 Jul 2024 07:48

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-1000-1002

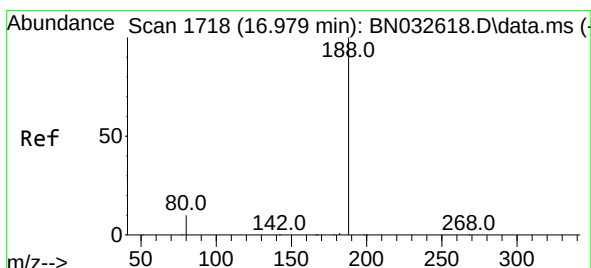
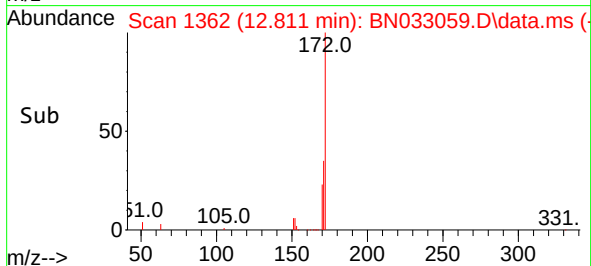
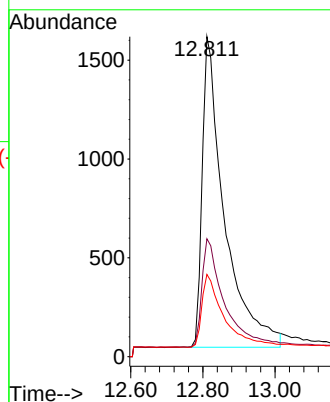
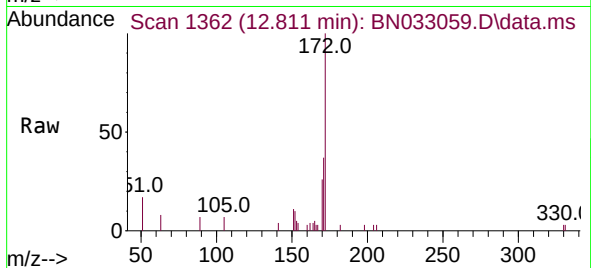
Tgt Ion:172 Resp: 6729

Ion Ratio Lower Upper

172 100

171 36.8 28.6 43.0

170 25.7 19.0 28.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.945 min Scan# 1730

Delta R.T. -0.009 min

Lab File: BN033059.D

Acq: 28 Jul 2024 07:48

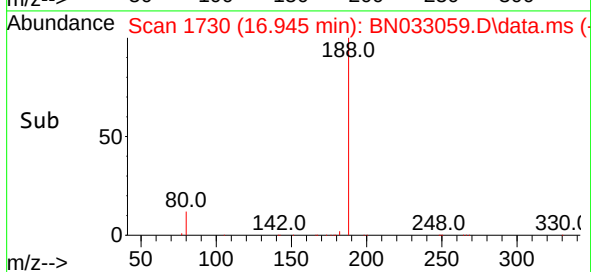
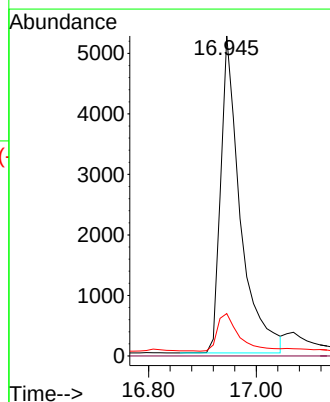
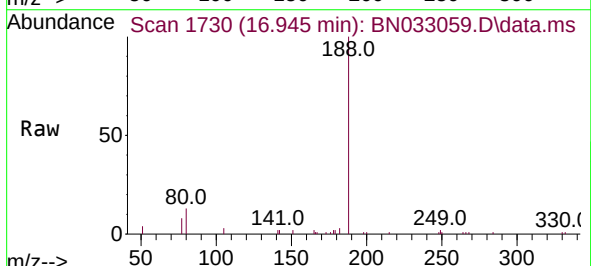
Tgt Ion:188 Resp: 13273

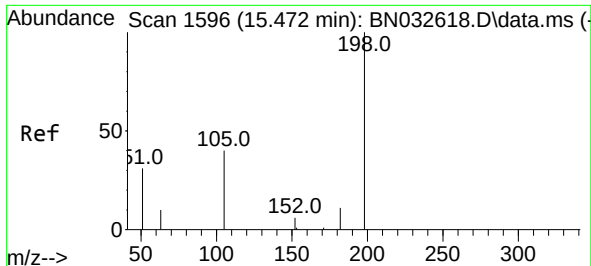
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.2 8.8 13.2#

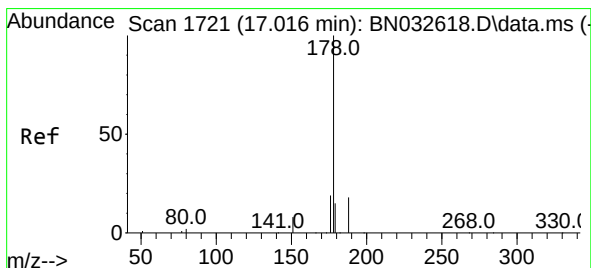
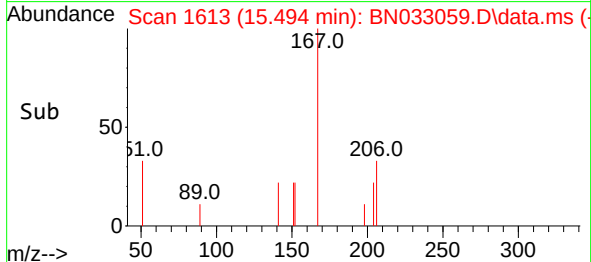
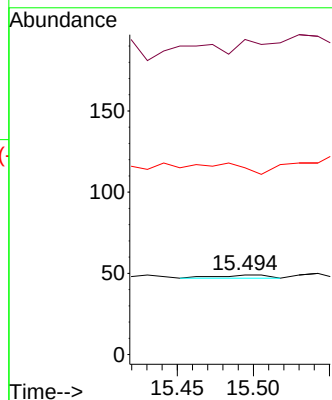
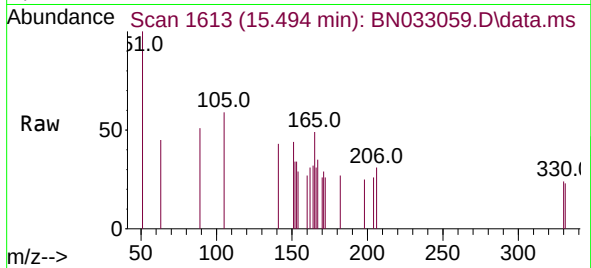




#20
4,6-Dinitro-2-methylphenol
Concen: 0.295 ng
RT: 15.494 min Scan# 1
Delta R.T. 0.022 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

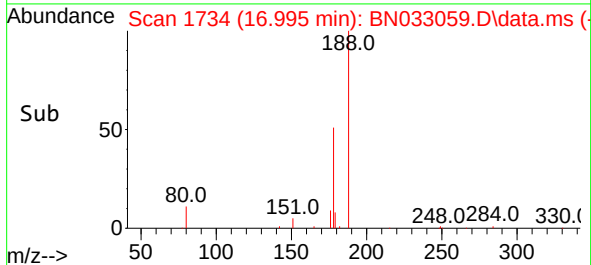
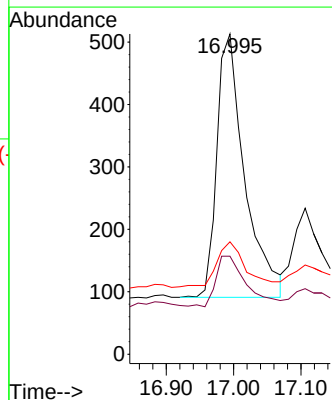
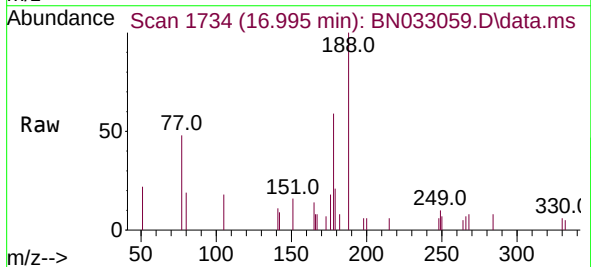
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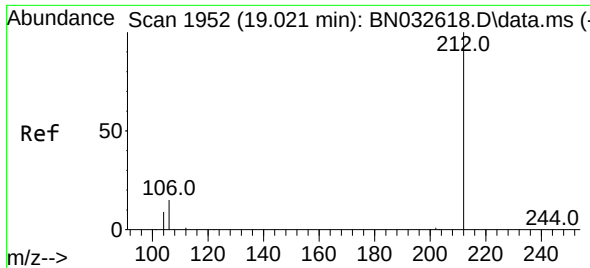
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 395.9 105.7 158.5#
105 234.7 63.0 94.6#



#25
Phenanthrene
Concen: 0.033 ng
RT: 16.995 min Scan# 1734
Delta R.T. 0.003 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

Tgt Ion:178 Resp: 1211
Ion Ratio Lower Upper
178 100
176 20.6 15.1 22.7
179 17.7 12.2 18.4

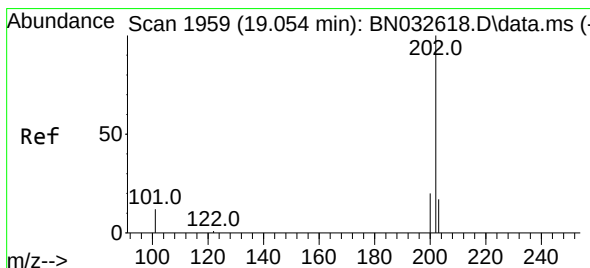
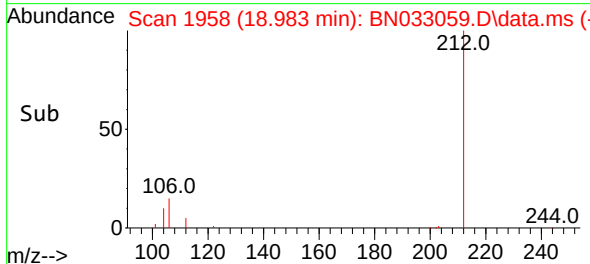
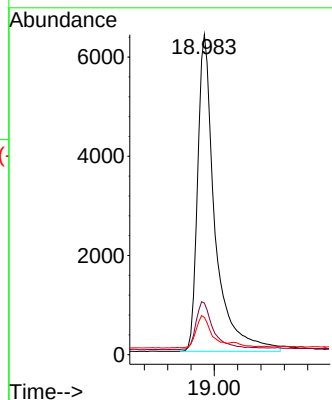
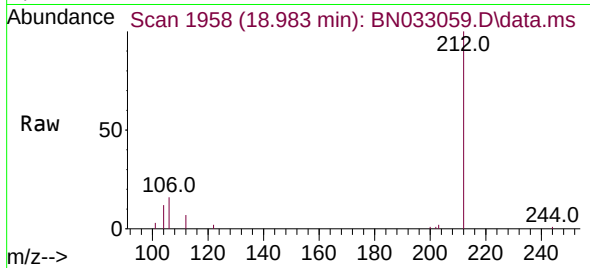




#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 18.983 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

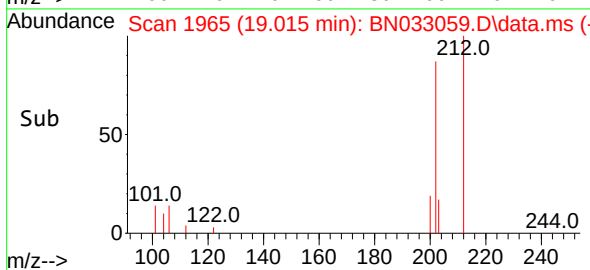
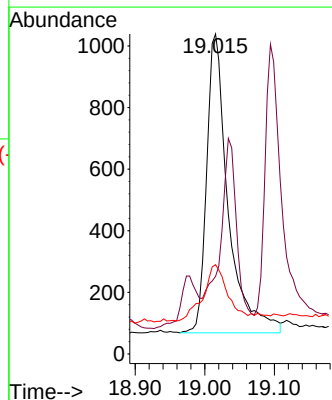
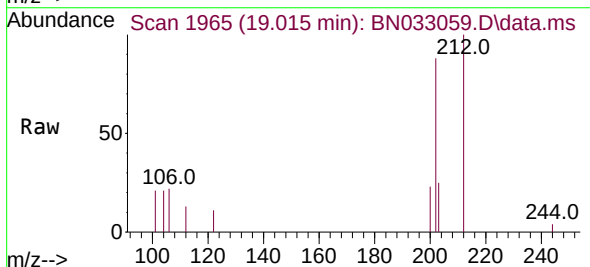
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002

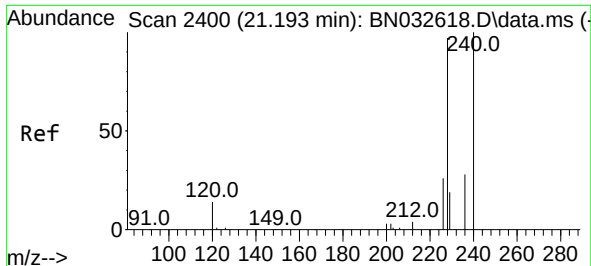
Tgt Ion:212 Resp: 13214
Ion Ratio Lower Upper
212 100
106 15.8 11.9 17.9
104 9.0 6.9 10.3



#28
Fluoranthene
Concen: 0.048 ng
RT: 19.015 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

Tgt Ion:202 Resp: 2086
Ion Ratio Lower Upper
202 100
101 42.1 9.6 14.4#
203 21.4 13.8 20.6#

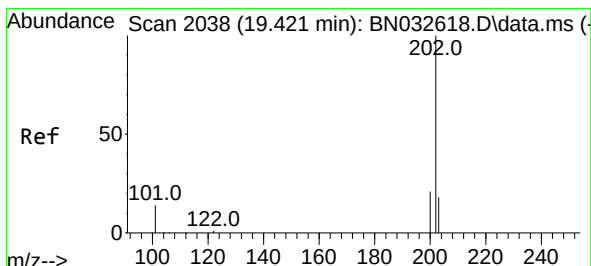
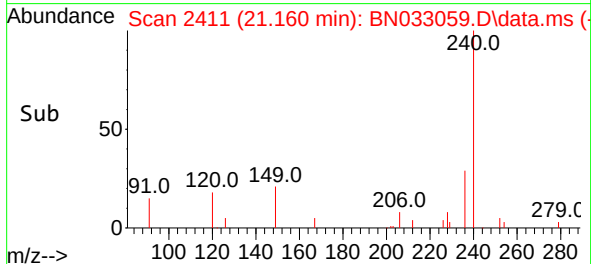
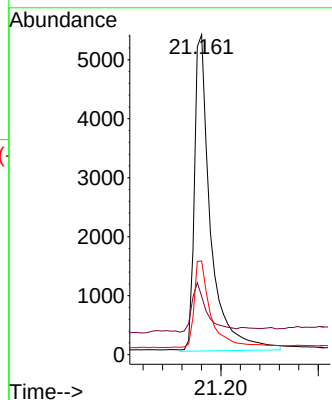
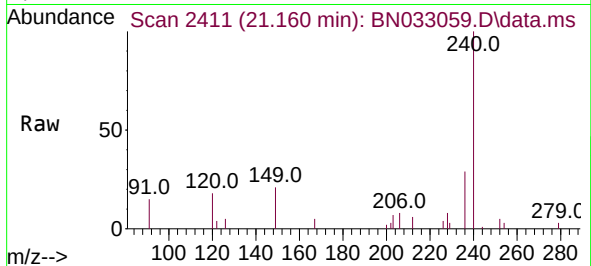




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.160 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

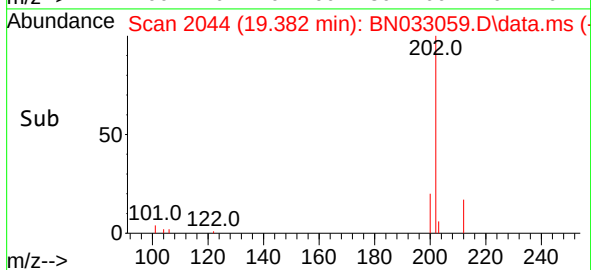
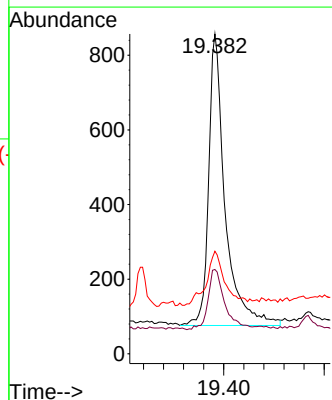
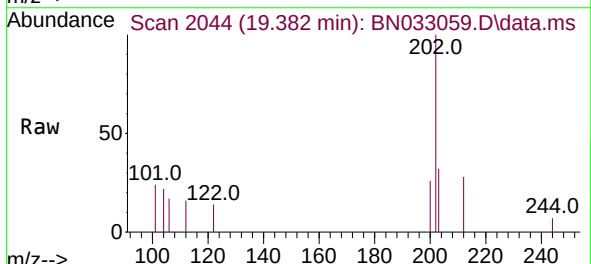
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002

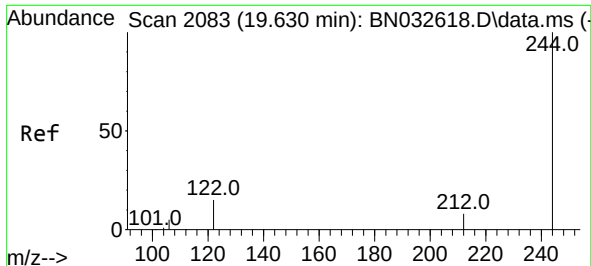
Tgt Ion:240 Resp: 12367
Ion Ratio Lower Upper
240 100
120 18.3 14.8 22.2
236 29.3 23.3 34.9



#30
Pyrene
Concen: 0.035 ng
RT: 19.382 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

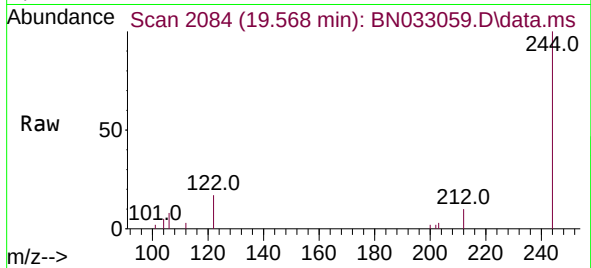
Tgt Ion:202 Resp: 1773
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 21.0 14.8 22.2



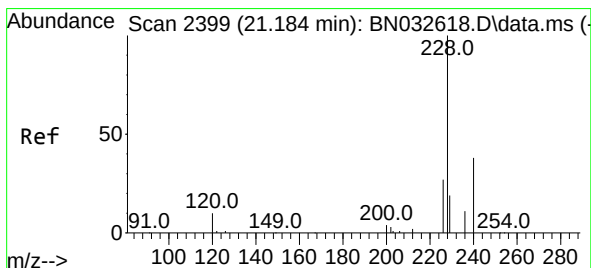
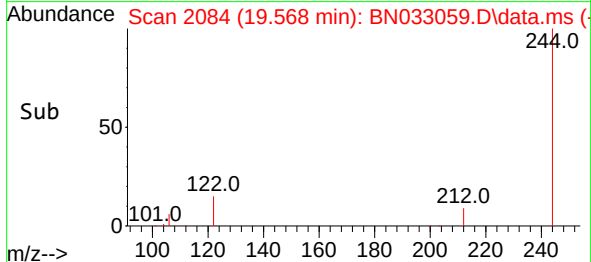
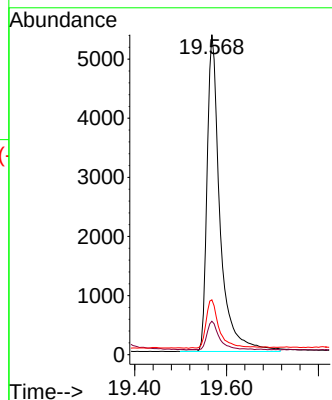


#31
Terphenyl-d14
Concen: 0.413 ng
RT: 19.568 min Scan# 2084
Delta R.T. -0.025 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002

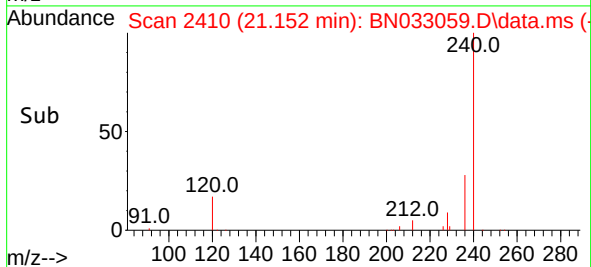
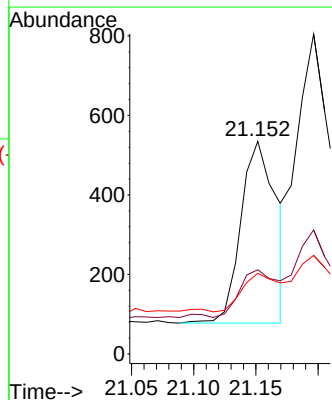
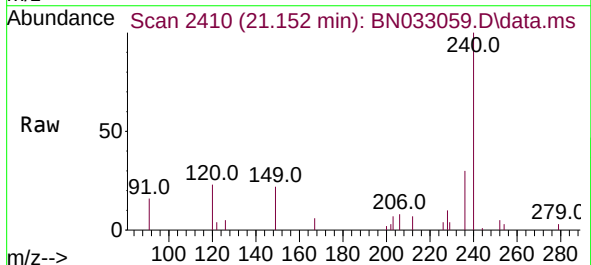


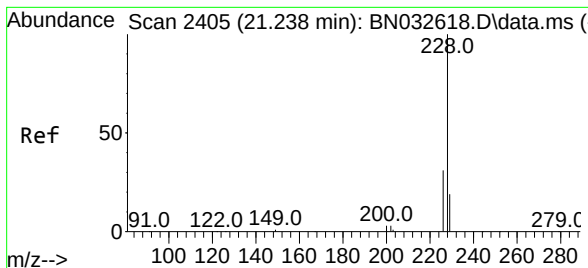
Tgt Ion:244 Resp: 10461
Ion Ratio Lower Upper
244 100
212 10.5 7.5 11.3
122 17.2 12.6 19.0



#32
Benzo(a)anthracene
Concen: 0.023 ng
RT: 21.152 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

Tgt Ion:228 Resp: 905
Ion Ratio Lower Upper
228 100
226 39.6 21.8 32.6#
229 37.9 16.0 24.0#





#33

Chrysene

Concen: 0.035 ng

RT: 21.196 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BN033059.D

Acq: 28 Jul 2024 07:48

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-1000-1002

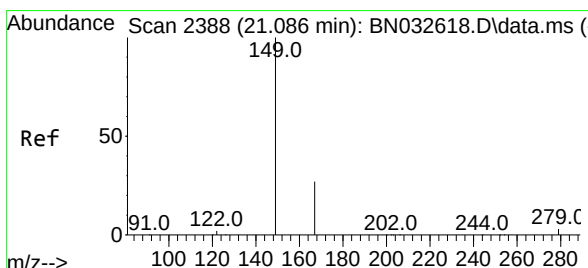
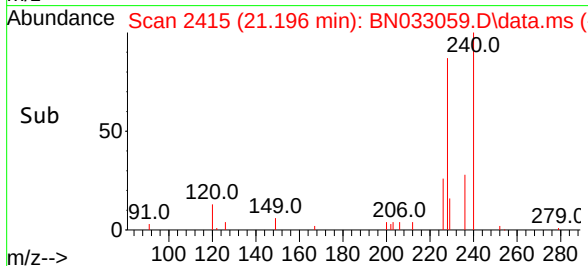
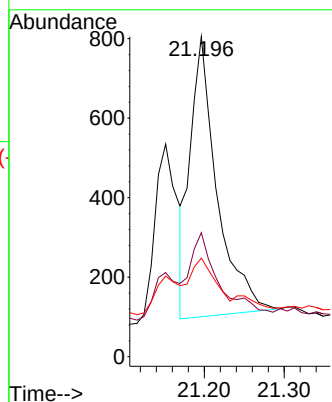
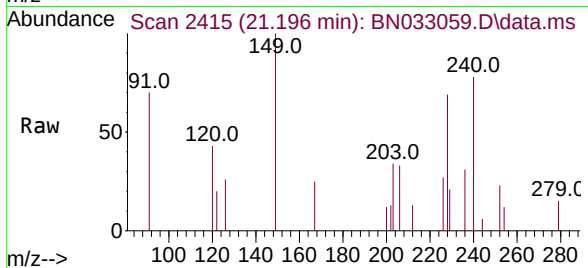
Tgt Ion:228 Resp: 1639

Ion Ratio Lower Upper

228 100

226 38.8 24.2 36.2#

229 30.8 16.0 24.0#



#34

Bis(2-ethylhexyl)phthalate

Concen: 1.648 ng

RT: 21.026 min Scan# 2396

Delta R.T. -0.024 min

Lab File: BN033059.D

Acq: 28 Jul 2024 07:48

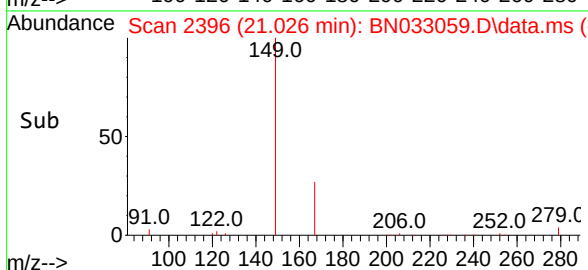
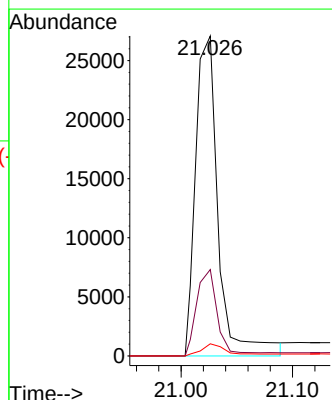
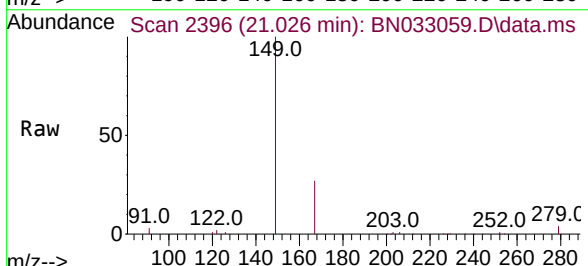
Tgt Ion:149 Resp: 35670

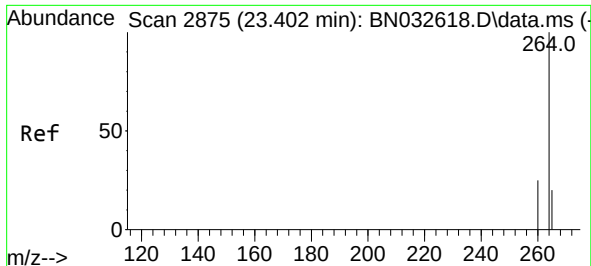
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.2

279 4.6 2.8 4.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.353 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN033059.D

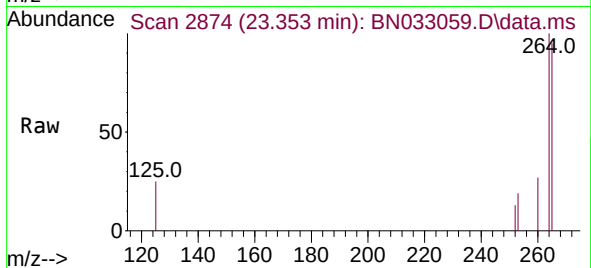
Acq: 28 Jul 2024 07:48

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-1000-1002



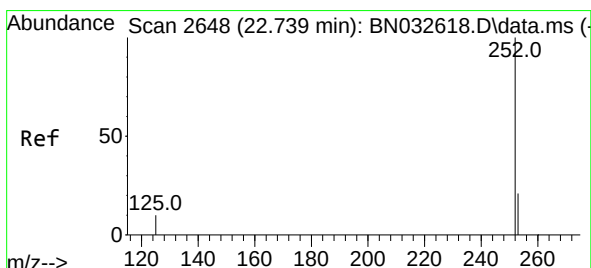
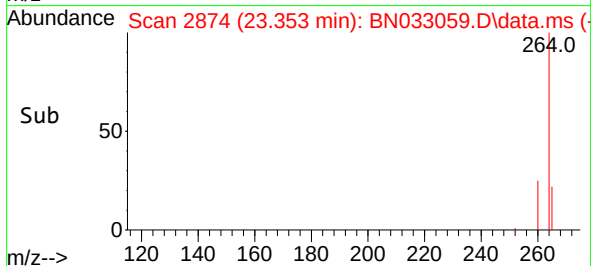
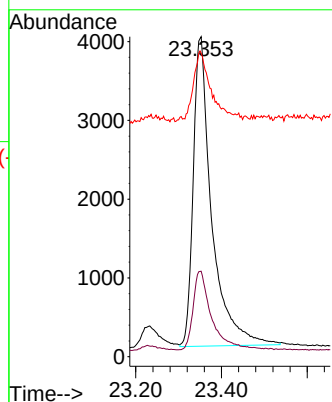
Tgt Ion:264 Resp: 11769

Ion Ratio Lower Upper

264 100

260 26.7 20.9 31.3

265 94.9 85.4 128.2



#37

Benzo(b)fluoranthene

Concen: 0.025 ng

RT: 22.709 min Scan# 2654

Delta R.T. 0.009 min

Lab File: BN033059.D

Acq: 28 Jul 2024 07:48

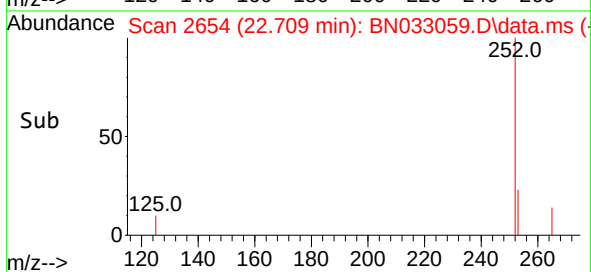
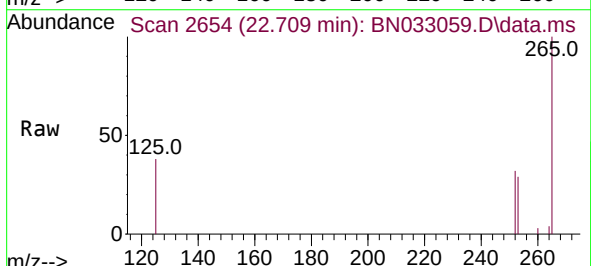
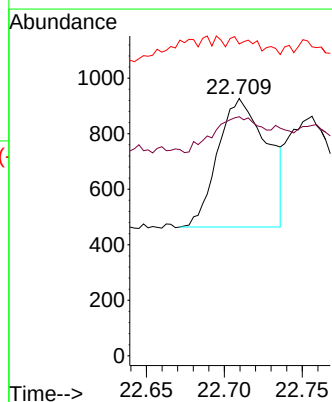
Tgt Ion:252 Resp: 1022

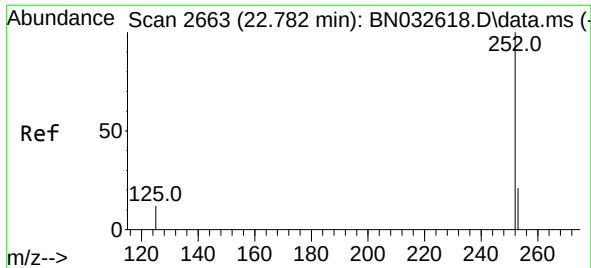
Ion Ratio Lower Upper

252 100

253 92.9 22.3 33.5#

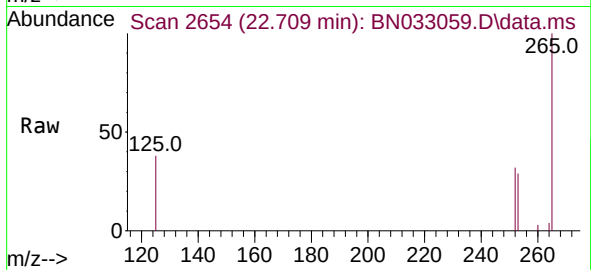
125 121.1 15.4 23.2#





#38
 Benzo(k)fluoranthene
 Concen: 0.022 ng
 RT: 22.709 min Scan# 2654
 Delta R.T. -0.035 min
 Lab File: BN033059.D
 Acq: 28 Jul 2024 07:48

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-1000-1002



Tgt Ion:252 Resp: 1022
 Ion Ratio Lower Upper
 252 100
 253 92.9 22.6 34.0#
 125 121.1 16.2 24.4#

