

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
 Data File : BN033260.D
 Acq On : 06 Aug 2024 06:56
 Operator : MA/JU
 Sample : P3455-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP301A-90-20240801

Quant Time: Aug 06 07:23:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 23:57:48 2024
 Response via : Initial Calibration

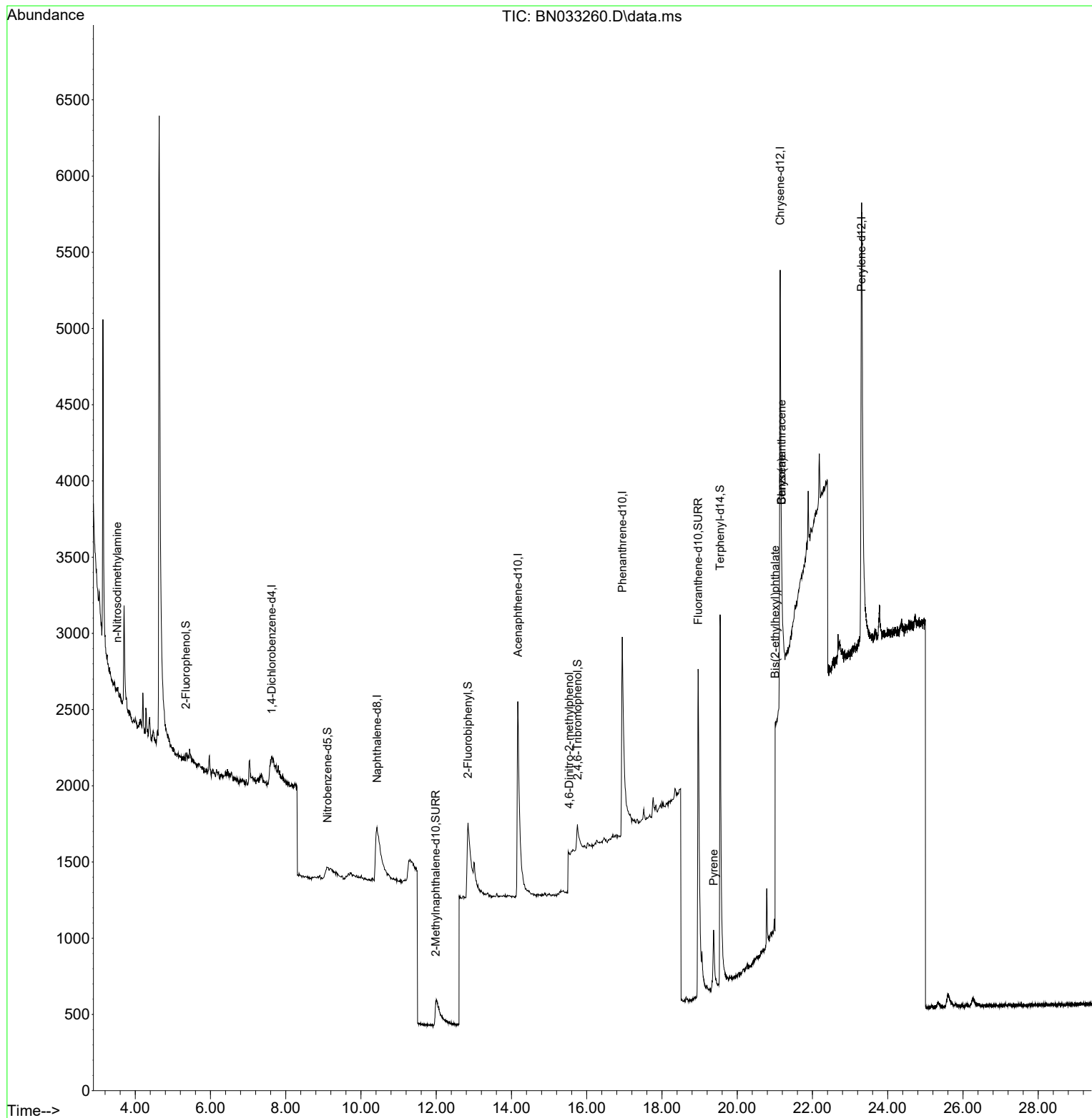
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	269	0.400	ng	# 0.12
7) Naphthalene-d8	10.426	136	2750	0.400	ng	# 0.11
13) Acenaphthene-d10	14.169	164	2083	0.400	ng	0.04
19) Phenanthrene-d10	16.945	188	4747	0.400	ng	# 0.02
29) Chrysene-d12	21.142	240	5790	0.400	ng	0.02
35) Perylene-d12	23.306	264	6728	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.343	112	68	0.102	ng	0.05
5) Phenol-d6	7.033	99	12	0.013	ng	0.04
8) Nitrobenzene-d5	9.112	82	172	0.078	ng	0.19
11) 2-Methylnaphthalene-d10	11.988	152	202	0.050	ng	0.06
14) 2,4,6-Tribromophenol	15.753	330	261	0.336	ng	0.04
15) 2-Fluorobiphenyl	12.843	172	1984	0.278	ng	0.04
27) Fluoranthene-d10	18.959	212	5187	0.391	ng	0.00
31) Terphenyl-d14	19.545	244	4478	0.448	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.097	88	11	Below Cal		Qvalue # 25
3) n-Nitrosodimethylamine	3.523	42	27	0.082	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.530	198	1	0.249	ng	# 60
30) Pyrene	19.373	202	711	0.035	ng	# 92
32) Benzo(a)anthracene	21.178	228	412	0.025	ng	# 47
33) Chrysene	21.178	228	564	0.025	ng	# 52
34) Bis(2-ethylhexyl)phtha...	21.008	149	622	0.155	ng	# 35

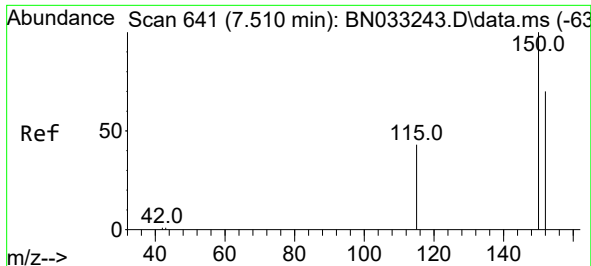
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
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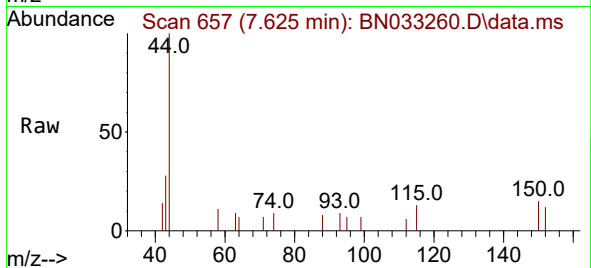
Quant Time: Aug 06 07:23:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
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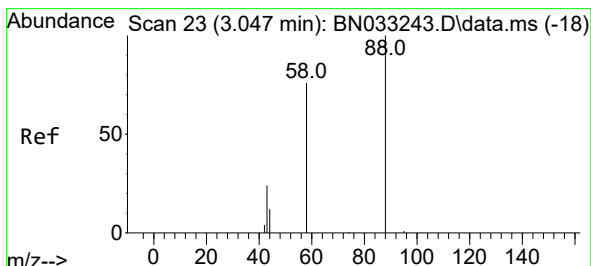
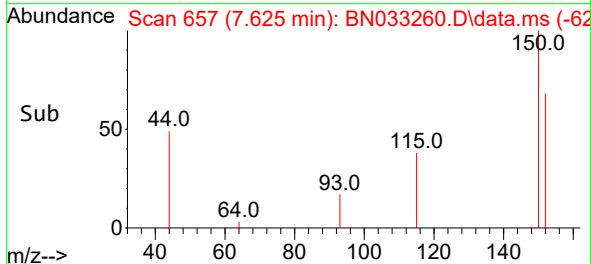
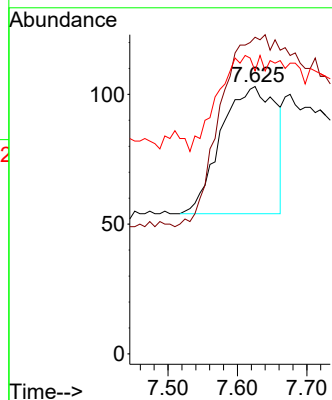


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.625 min Scan# 61
Delta R.T. 0.115 min
Lab File: BN033260.D
Acq: 06 Aug 2024 06:56

Instrument :
BNA_N
ClientSampleId :
RW7-SP301A-90-20240801

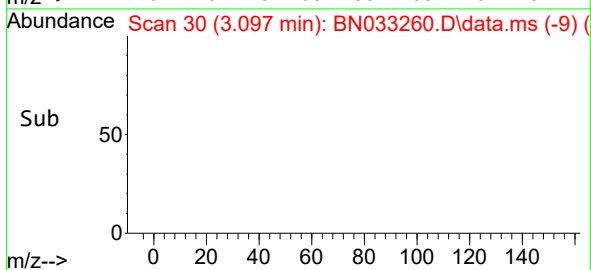
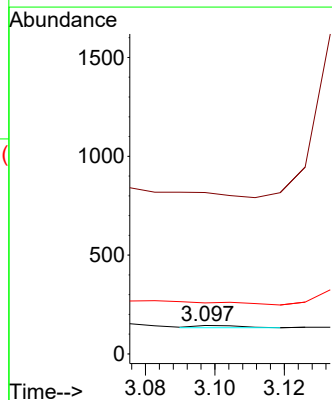
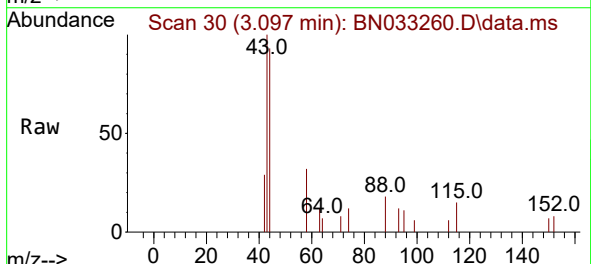


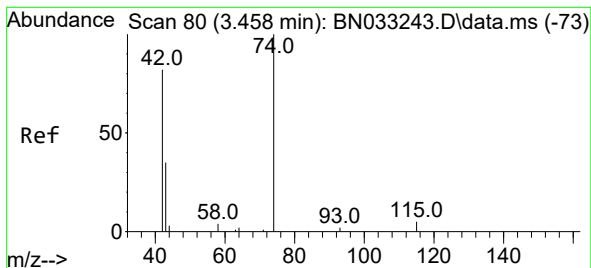
Tgt Ion:152 Resp: 269
Ion Ratio Lower Upper
152 100
150 118.4 108.2 162.2
115 105.8 70.5 105.7#



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.097 min Scan# 30
Delta R.T. 0.050 min
Lab File: BN033260.D
Acq: 06 Aug 2024 06:56

Tgt Ion: 88 Resp: 11
Ion Ratio Lower Upper
88 100
43 0.0 18.6 28.0#
58 0.0 54.5 81.7#

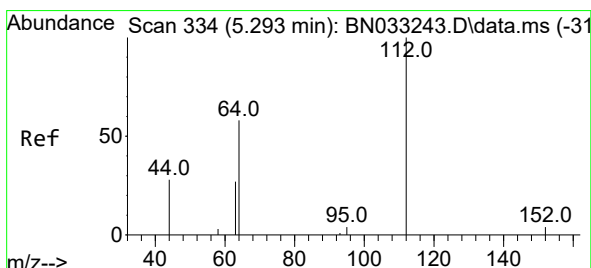
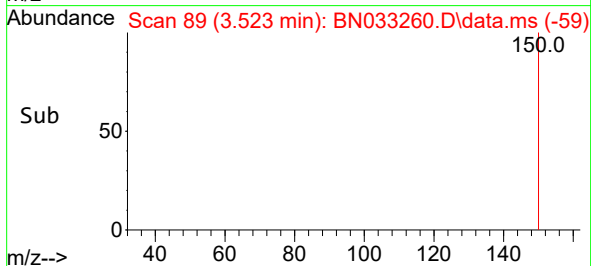
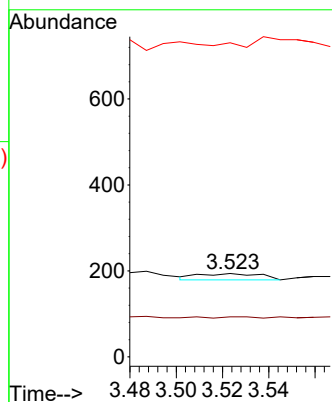
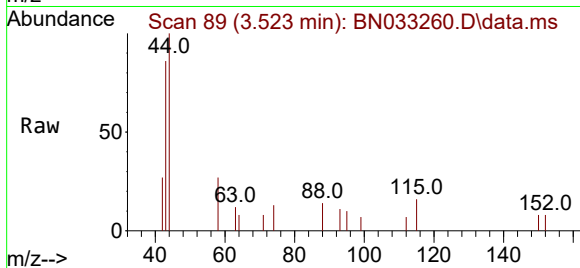




#3
n-Nitrosodimethylamine
Concen: 0.082 ng
RT: 3.523 min Scan# 80
Delta R.T. 0.065 min
Lab File: BN033260.D
Acq: 06 Aug 2024 06:56

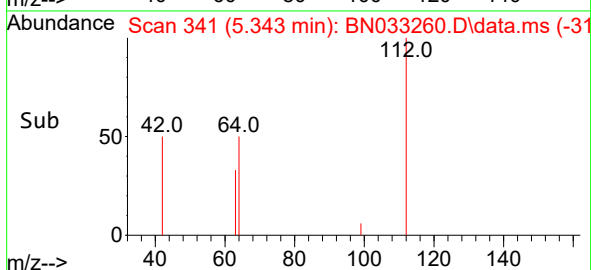
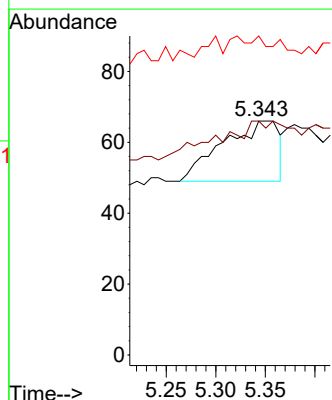
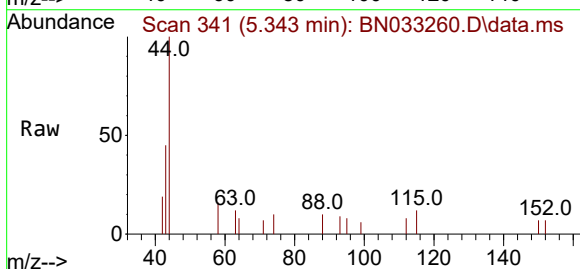
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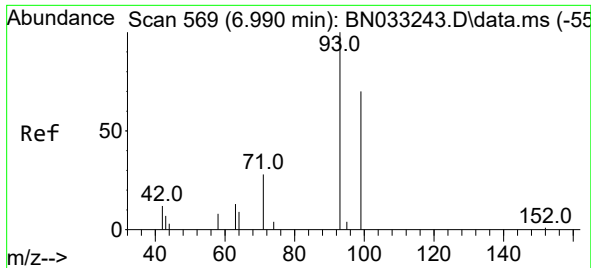
Tgt Ion: 42 Resp: 27
Ion Ratio Lower Upper
42 100
74 11.1 0.0 0.0#
44 114.8 9.6 14.4#



#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.343 min Scan# 341
Delta R.T. 0.050 min
Lab File: BN033260.D
Acq: 06 Aug 2024 06:56

Tgt Ion: 112 Resp: 68
Ion Ratio Lower Upper
112 100
64 57.4 18.0 27.0#
63 0.0 0.0 0.0

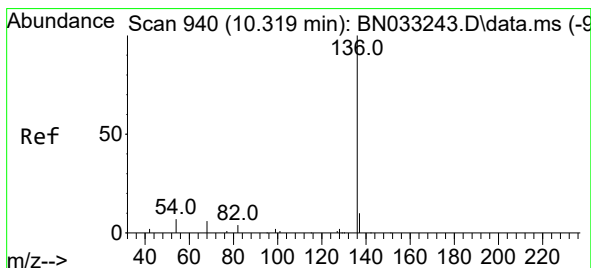
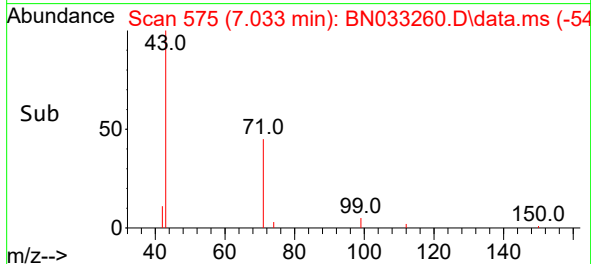
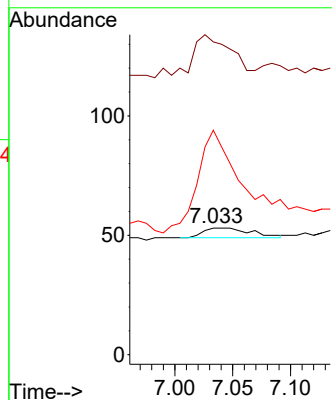
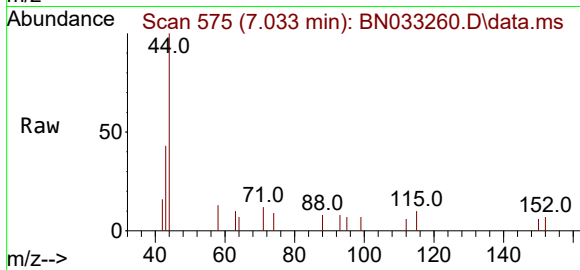




#5
Phenol-d6
Concen: 0.013 ng
RT: 7.033 min Scan# 51
Delta R.T. 0.043 min
Lab File: BN033260.D
Acq: 06 Aug 2024 06:56

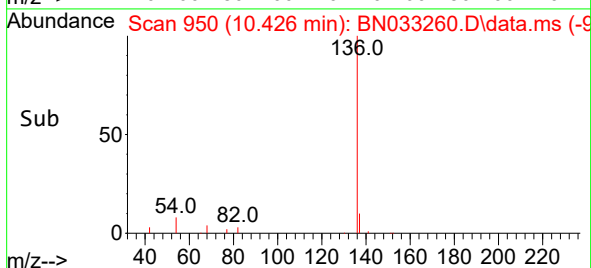
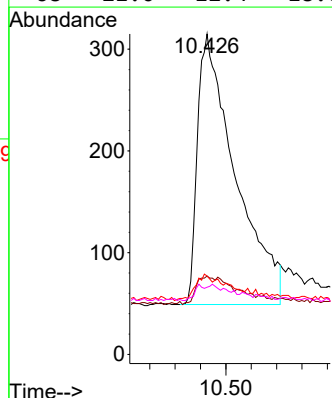
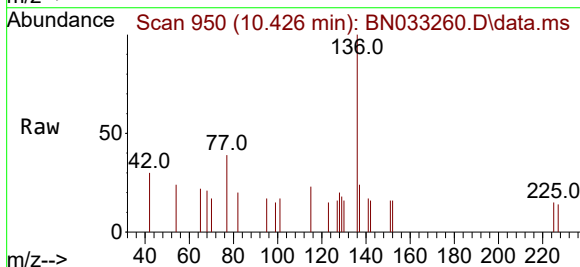
Instrument :
BNA_N
ClientSampleId :
RW7-SP301A-90-20240801

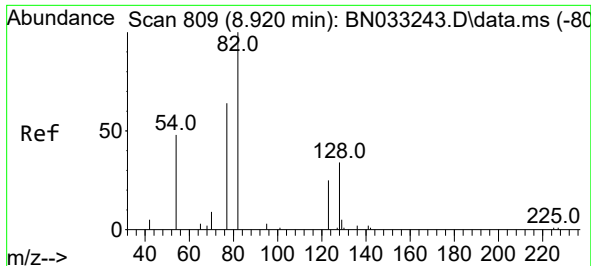
Tgt Ion: 99 Resp: 12
Ion Ratio Lower Upper
99 100
42 366.7 0.0 0.0#
71 1141.7 0.0 0.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.426 min Scan# 950
Delta R.T. 0.107 min
Lab File: BN033260.D
Acq: 06 Aug 2024 06:56

Tgt Ion: 136 Resp: 2750
Ion Ratio Lower Upper
136 100
137 24.4 14.1 21.1#
54 24.4 13.8 20.8#
68 21.0 12.4 18.6#

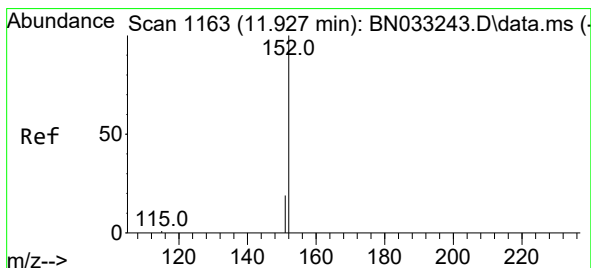
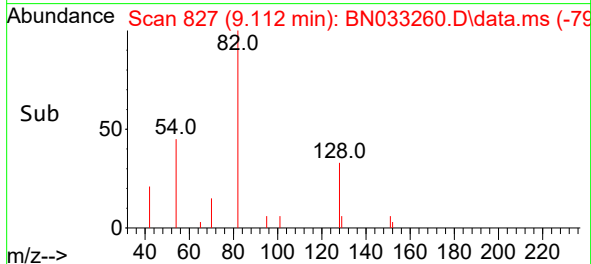
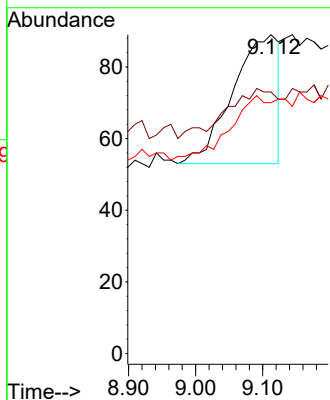
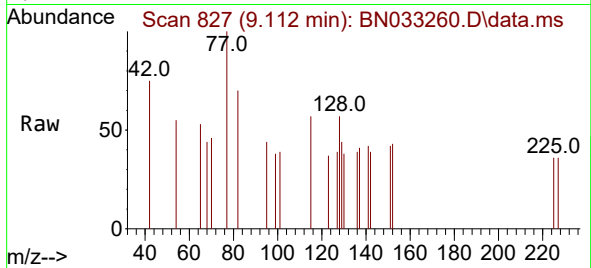




#8
Nitrobenzene-d5
Concen: 0.078 ng
RT: 9.112 min Scan# 81
Delta R.T. 0.192 min
Lab File: BN033260.D
Acq: 06 Aug 2024 06:56

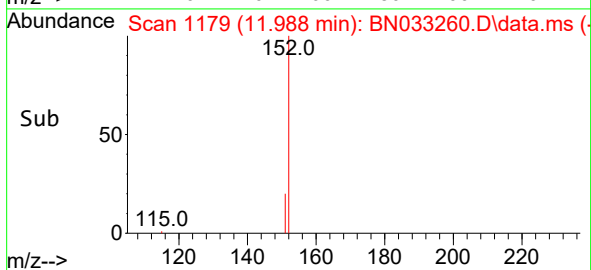
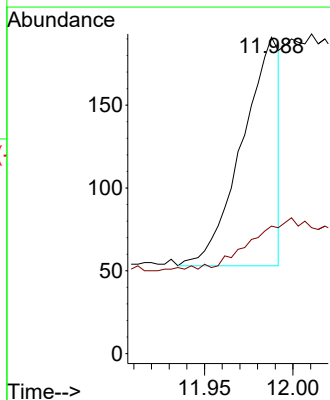
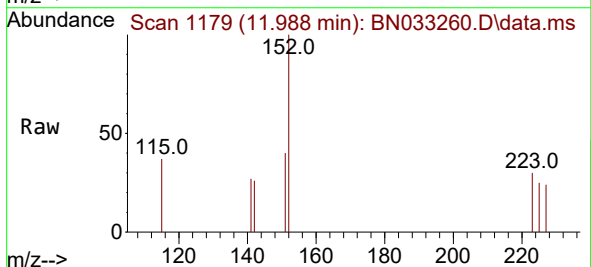
Instrument :
BNA_N
ClientSampleId :
RW7-SP301A-90-20240801

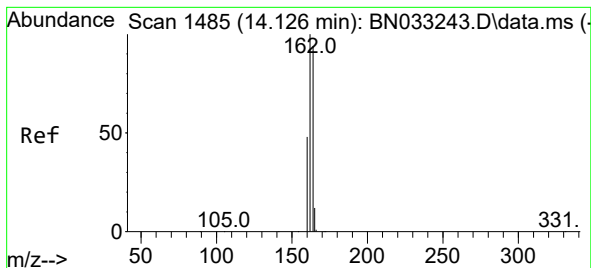
Tgt Ion: 82 Resp: 172
Ion Ratio Lower Upper
82 100
128 82.0 54.8 82.2
54 78.7 55.9 83.9



#11
2-Methylnaphthalene-d10
Concen: 0.050 ng
RT: 11.988 min Scan# 1179
Delta R.T. 0.061 min
Lab File: BN033260.D
Acq: 06 Aug 2024 06:56

Tgt Ion:152 Resp: 202
Ion Ratio Lower Upper
152 100
151 39.1 11.9 17.9#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.169 min Scan# 1489

Delta R.T. 0.043 min

Lab File: BN033260.D

Acq: 06 Aug 2024 06:56

Instrument :

BNA_N

ClientSampleId :

RW7-SP301A-90-20240801

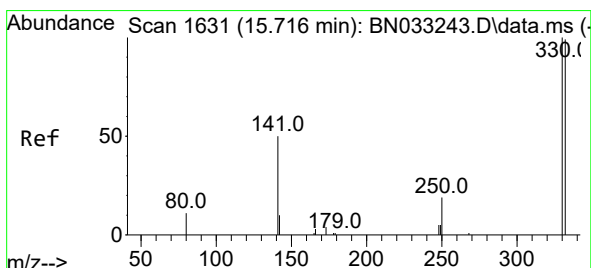
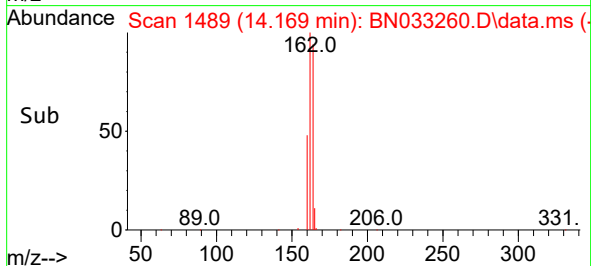
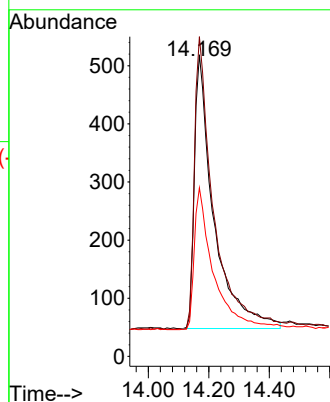
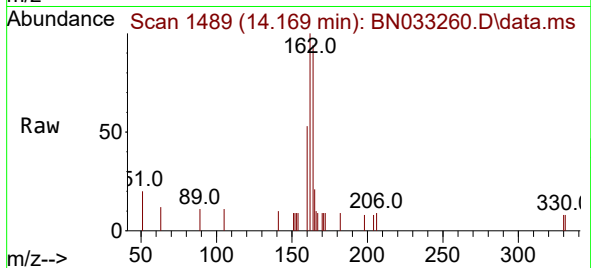
Tgt Ion:164 Resp: 2083

Ion Ratio Lower Upper

164 100

162 106.0 84.6 127.0

160 55.9 42.4 63.6



#14

2,4,6-Tribromophenol

Concen: 0.336 ng

RT: 15.753 min Scan# 1634

Delta R.T. 0.037 min

Lab File: BN033260.D

Acq: 06 Aug 2024 06:56

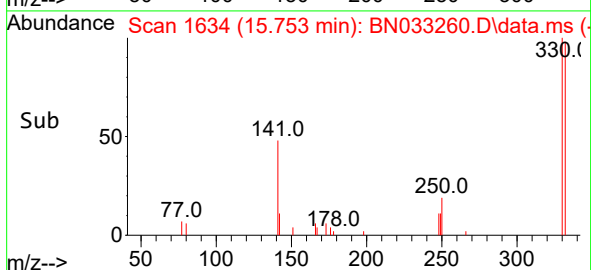
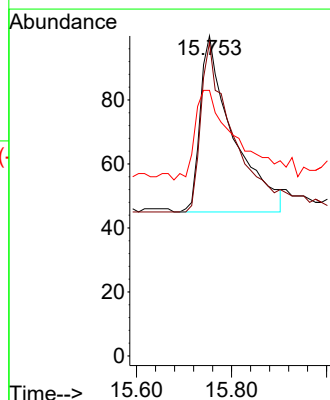
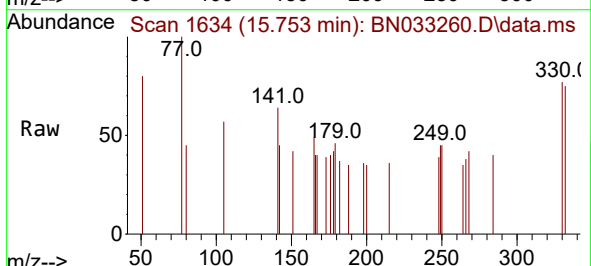
Tgt Ion:330 Resp: 261

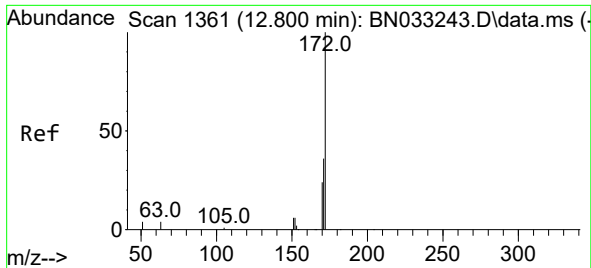
Ion Ratio Lower Upper

330 100

332 96.6 73.7 110.5

141 59.0 44.8 67.2

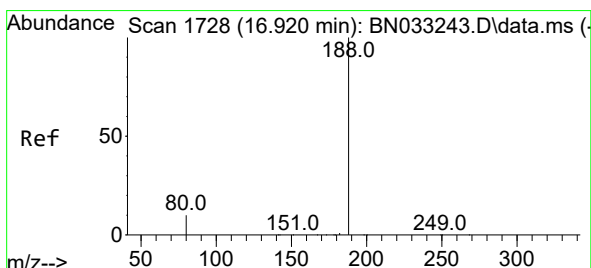
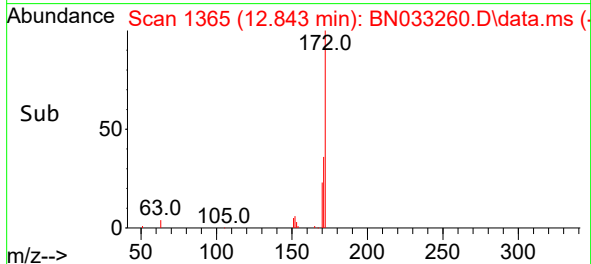
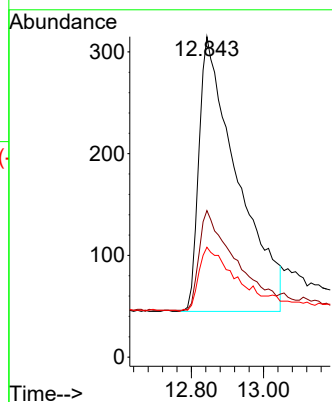
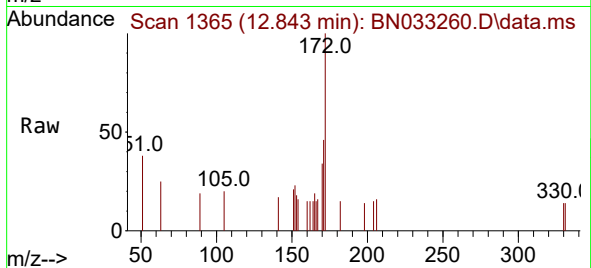




#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 12.843 min Scan# 11
Delta R.T. 0.043 min
Lab File: BN033260.D
Acq: 06 Aug 2024 06:56

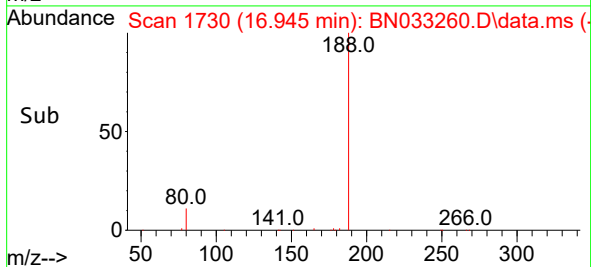
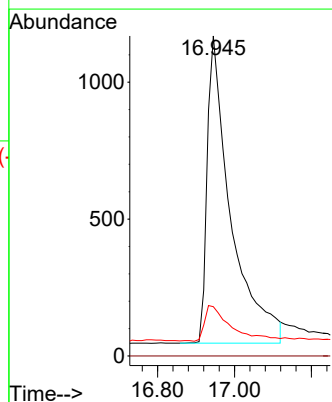
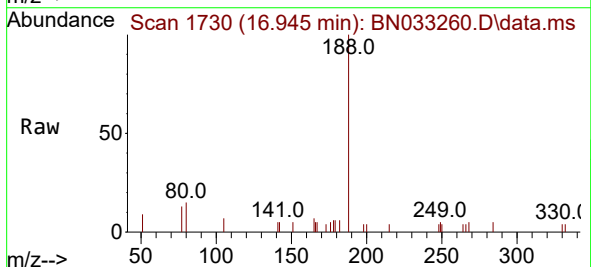
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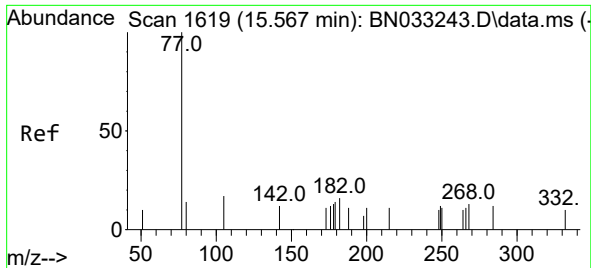
Tgt Ion:	172	Resp:	1984
Ion	Ratio	Lower	Upper
172	100		
171	45.7	32.3	48.5
170	34.3	23.4	35.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.945 min Scan# 1730
Delta R.T. 0.025 min
Lab File: BN033260.D
Acq: 06 Aug 2024 06:56

Tgt Ion:	188	Resp:	4747
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.4	10.2	15.4

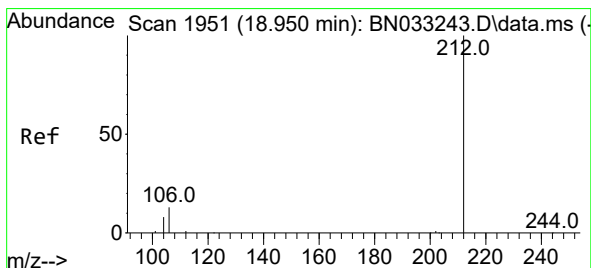
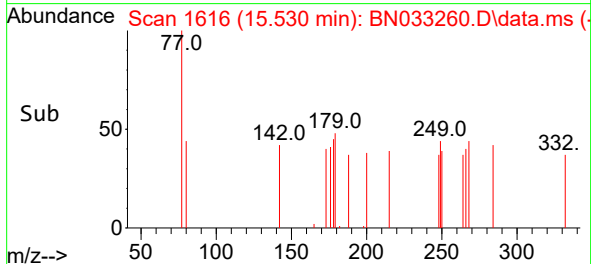
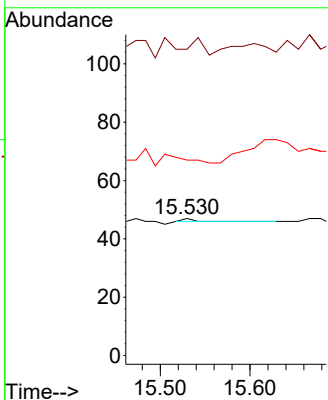
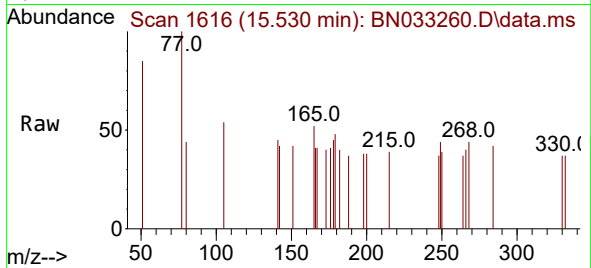




#20
4,6-Dinitro-2-methylphenol
Concen: 0.249 ng
RT: 15.530 min Scan# 1616
Delta R.T. -0.037 min
Lab File: BN033260.D
Acq: 06 Aug 2024 06:56

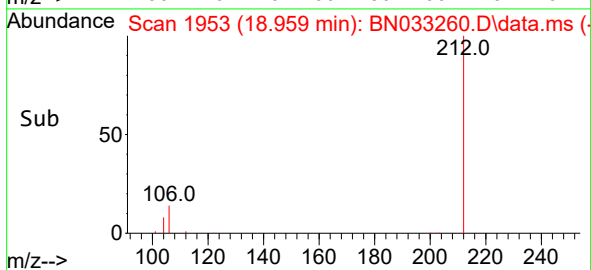
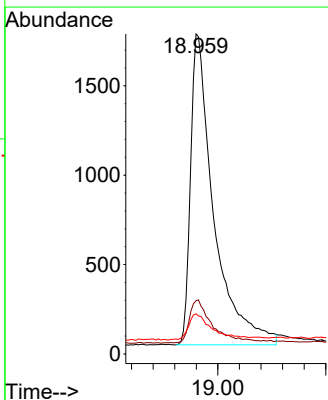
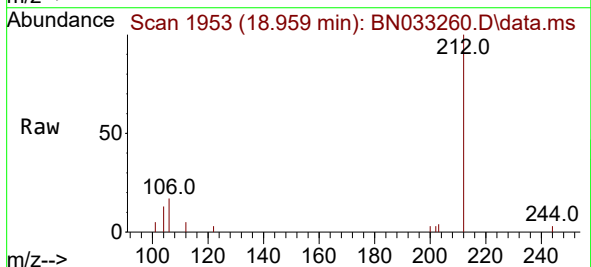
Instrument :
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RW7-SP301A-90-20240801

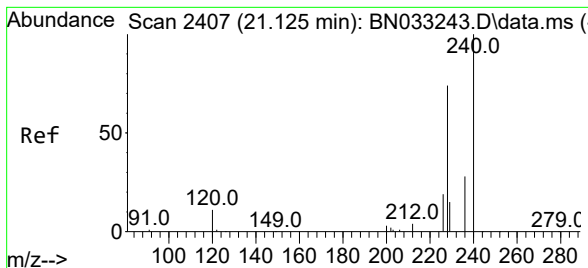
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 223.4 250.6 375.8#
105 142.6 152.6 229.0#



#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 18.959 min Scan# 1953
Delta R.T. 0.009 min
Lab File: BN033260.D
Acq: 06 Aug 2024 06:56

Tgt Ion:212 Resp: 5187
Ion Ratio Lower Upper
212 100
106 14.0 11.4 17.0
104 8.7 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.142 min Scan# 2409

Delta R.T. 0.017 min

Lab File: BN033260.D

Acq: 06 Aug 2024 06:56

Instrument :

BNA_N

ClientSampleId :

RW7-SP301A-90-20240801

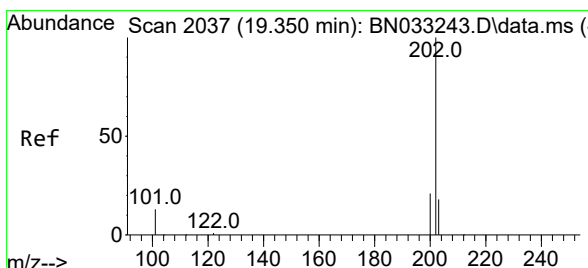
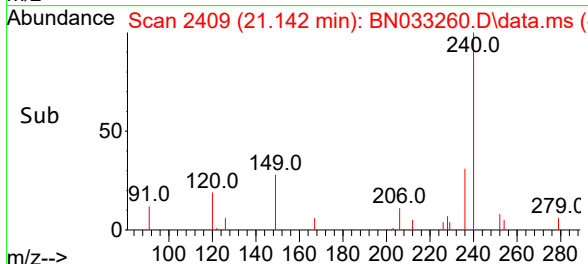
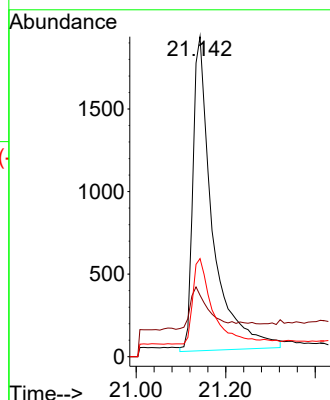
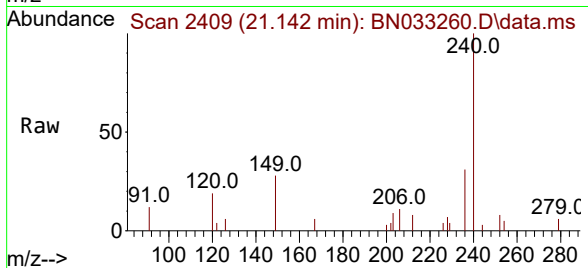
Tgt Ion:240 Resp: 5790

Ion Ratio Lower Upper

240 100

120 19.2 13.3 19.9

236 30.7 23.8 35.6



#30

Pyrene

Concen: 0.035 ng

RT: 19.373 min Scan# 2042

Delta R.T. 0.023 min

Lab File: BN033260.D

Acq: 06 Aug 2024 06:56

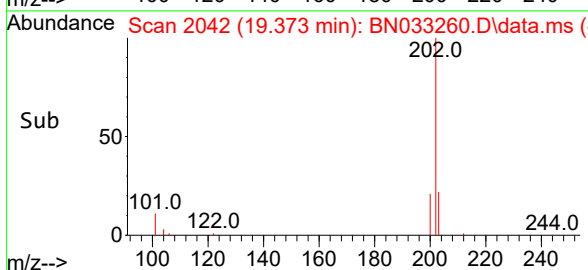
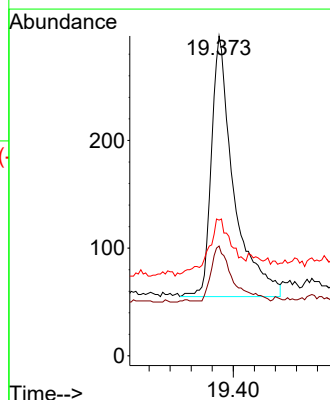
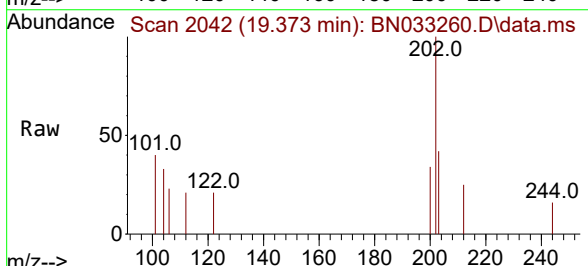
Tgt Ion:202 Resp: 711

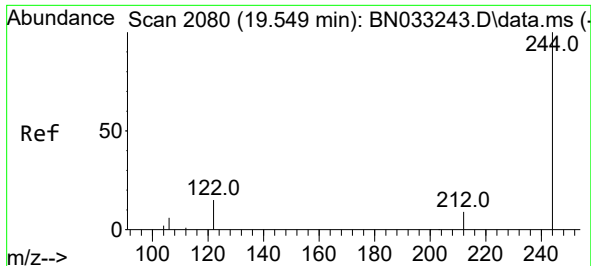
Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.4

203 24.5 14.4 21.6#

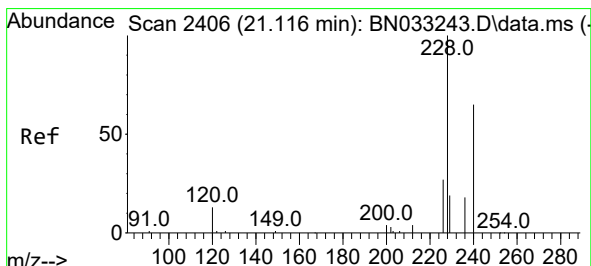
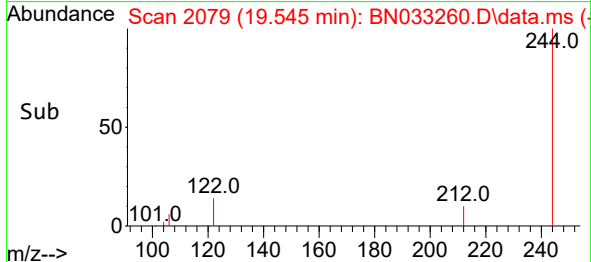
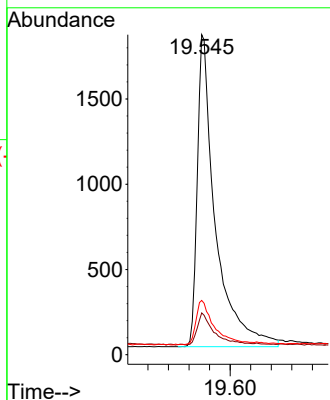
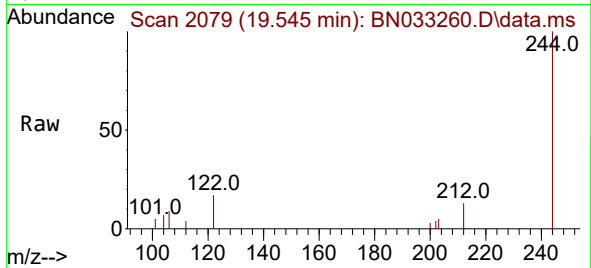




#31
 Terphenyl-d14
 Concen: 0.448 ng
 RT: 19.545 min Scan# 2080
 Delta R.T. -0.005 min
 Lab File: BN033260.D
 Acq: 06 Aug 2024 06:56

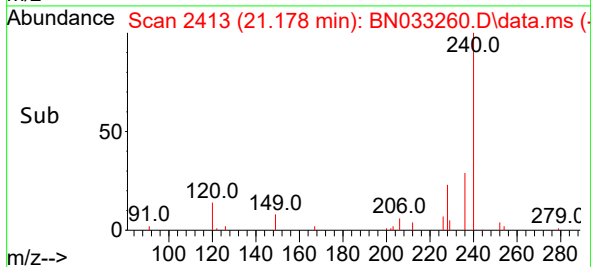
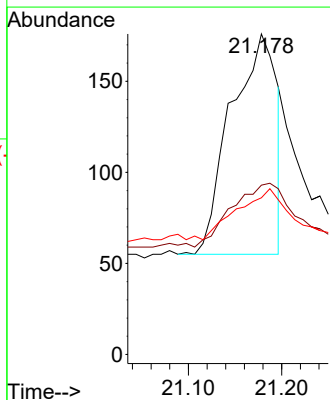
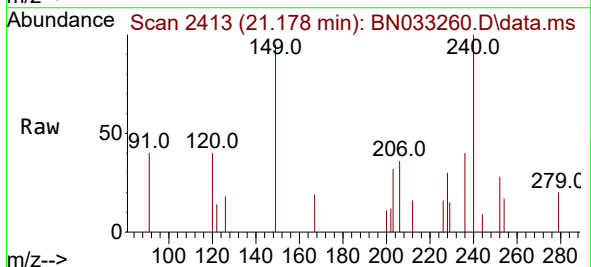
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP301A-90-20240801

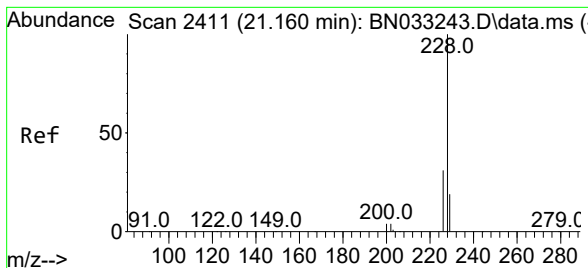
Tgt Ion:244 Resp: 4478
 Ion Ratio Lower Upper
 244 100
 212 13.1 9.9 14.9
 122 16.9 14.1 21.1



#32
 Benzo(a)anthracene
 Concen: 0.025 ng
 RT: 21.178 min Scan# 2413
 Delta R.T. 0.062 min
 Lab File: BN033260.D
 Acq: 06 Aug 2024 06:56

Tgt Ion:228 Resp: 412
 Ion Ratio Lower Upper
 228 100
 226 52.8 22.4 33.6#
 229 48.9 16.6 25.0#





#33

Chrysene

Concen: 0.025 ng

RT: 21.178 min Scan# 2413

Delta R.T. 0.018 min

Lab File: BN033260.D

Acq: 06 Aug 2024 06:56

Instrument :

BNA_N

ClientSampleId :

RW7-SP301A-90-20240801

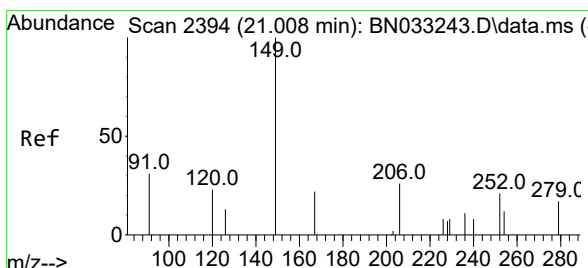
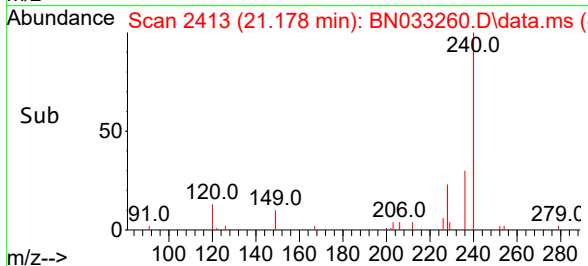
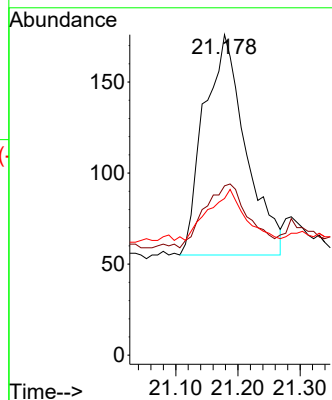
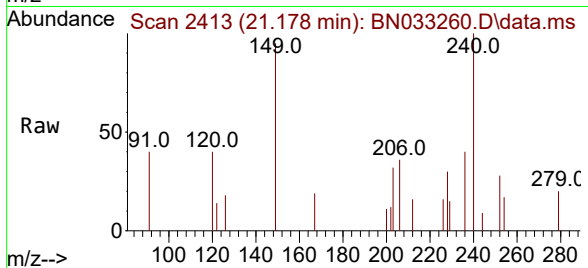
Tgt Ion:228 Resp: 564

Ion Ratio Lower Upper

228 100

226 52.8 25.1 37.7#

229 48.9 16.2 24.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.155 ng

RT: 21.008 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BN033260.D

Acq: 06 Aug 2024 06:56

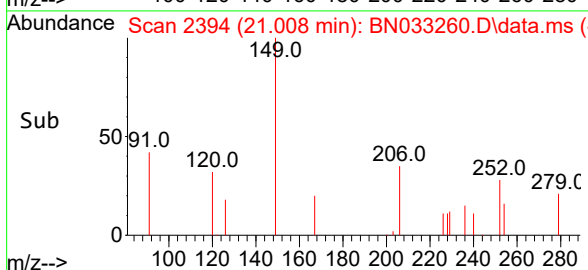
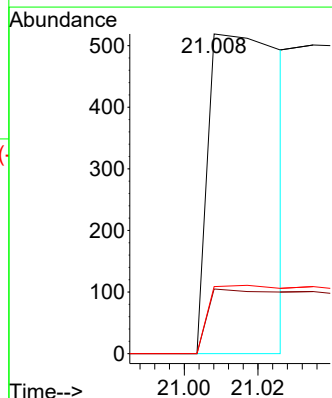
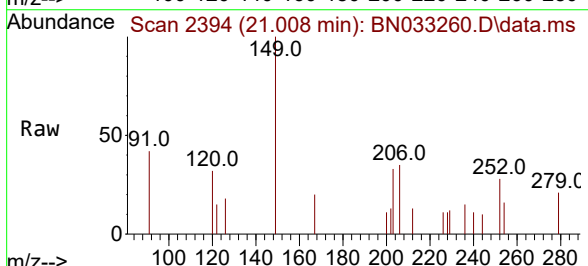
Tgt Ion:149 Resp: 622

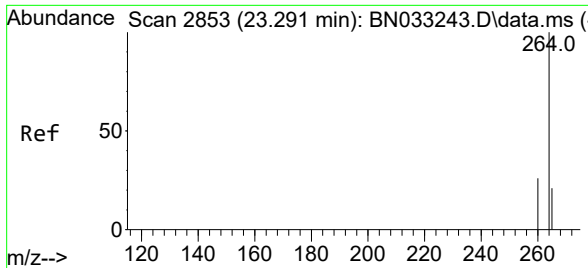
Ion Ratio Lower Upper

149 100

167 20.1 19.8 29.6

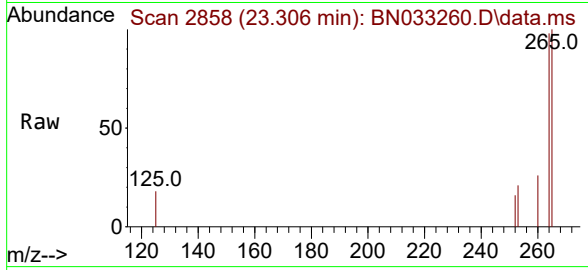
279 84.2 8.2 12.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.306 min Scan# 21
 Delta R.T. 0.015 min
 Lab File: BN033260.D
 Acq: 06 Aug 2024 06:56

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP301A-90-20240801



Tgt Ion:264 Resp: 6728

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.4	32.2
265	101.6	66.6	99.8

