

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
 Data File : BN033256.D
 Acq On : 06 Aug 2024 04:30
 Operator : MA/JU
 Sample : P3455-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP301A-50-20240801

Quant Time: Aug 06 05:02:10 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)

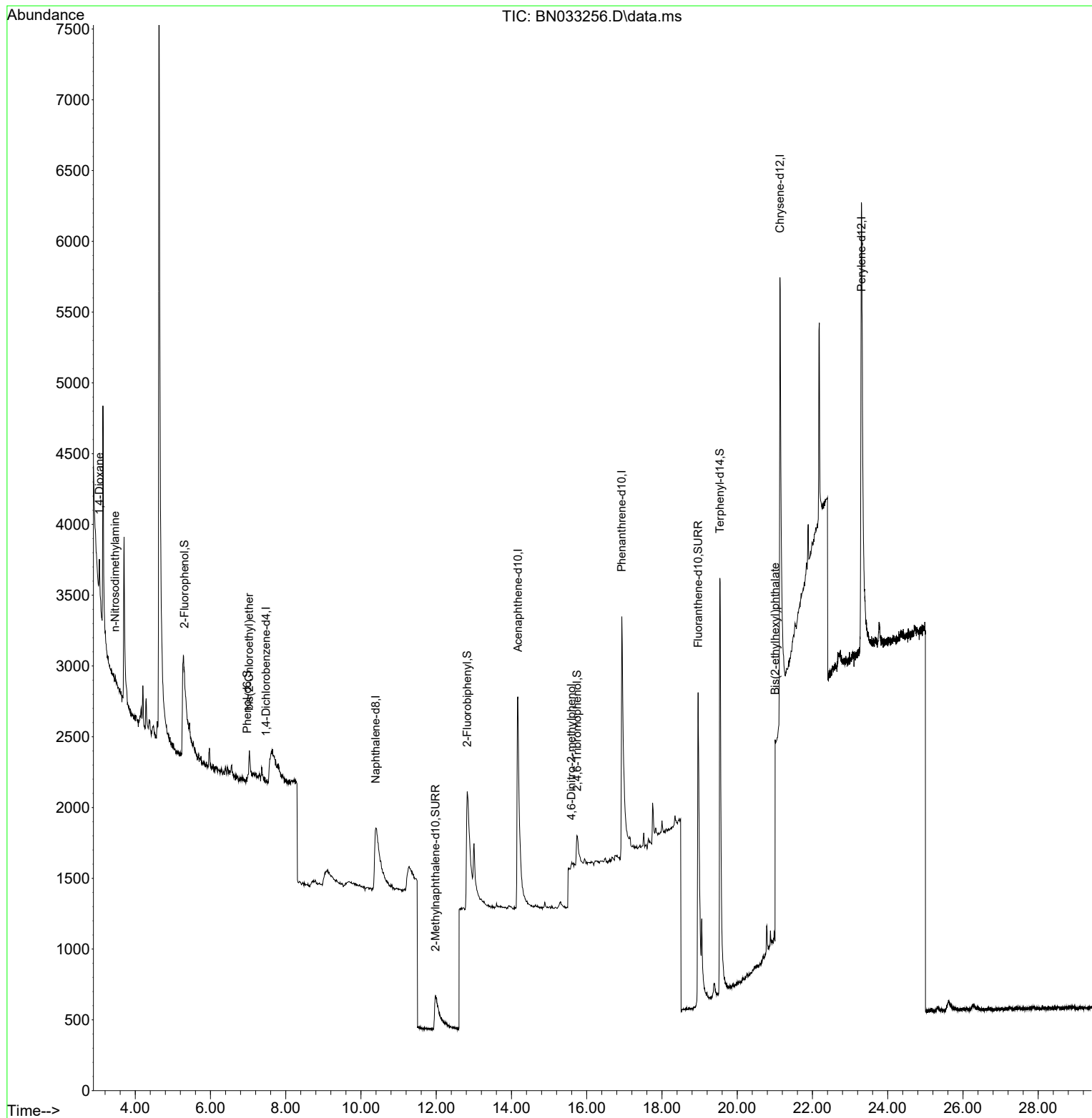
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.474	152	7	0.400	ng	#-0.04
7) Naphthalene-d8	10.393	136	2362	0.400	ng	# 0.07
13) Acenaphthene-d10	14.169	164	2441	0.400	ng	0.04
19) Phenanthrene-d10	16.932	188	5721	0.400	ng	0.01
29) Chrysene-d12	21.133	240	6407	0.400	ng	# 0.00
35) Perylene-d12	23.303	264	7815	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.307	112	75	4.325	ng	0.01
5) Phenol-d6	6.975	99	2	0.084	ng	-0.01
8) Nitrobenzene-d5	8.888	82	15	0.008	ng	-0.03
11) 2-Methylnaphthalene-d10	11.984	152	1399	0.399	ng	0.06
14) 2,4,6-Tribromophenol	15.741	330	337	0.370	ng	0.02
15) 2-Fluorobiphenyl	12.821	172	3273	0.392	ng	0.02
27) Fluoranthene-d10	18.959	212	5815	0.363	ng	0.00
31) Terphenyl-d14	19.540	244	6200	0.560	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.046	88	227	29.248	ng	# 80
3) n-Nitrosodimethylamine	3.465	42	23	2.694	ng	# 1
6) bis(2-Chloroethyl)ether	7.026	93	7	0.349	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.592	198	1	0.249	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.008	149	926	0.209	ng	# 62

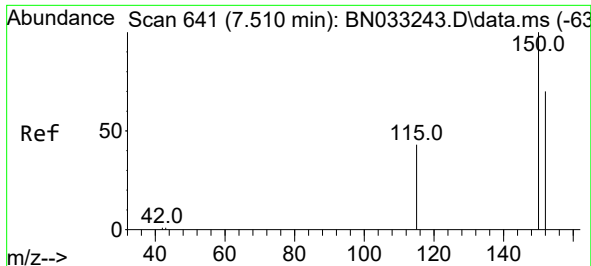
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
Data File : BN033256.D
Acq On : 06 Aug 2024 04:30
Operator : MA/JU
Sample : P3455-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW7-SP301A-50-20240801

Quant Time: Aug 06 05:02:10 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

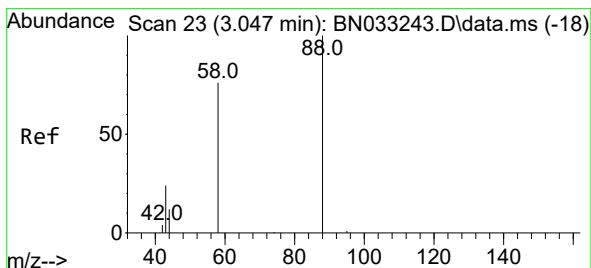
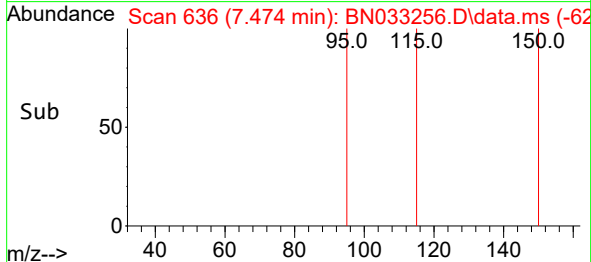
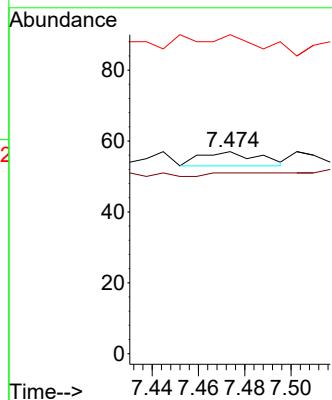
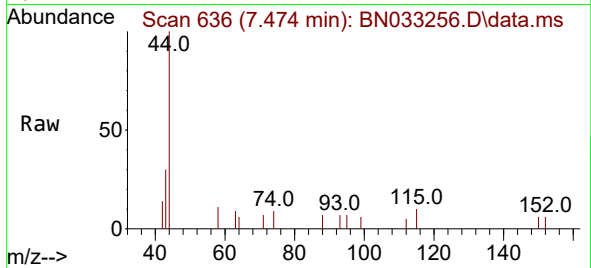




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.474 min Scan# 61
 Delta R.T. -0.036 min
 Lab File: BN033256.D
 Acq: 06 Aug 2024 04:30

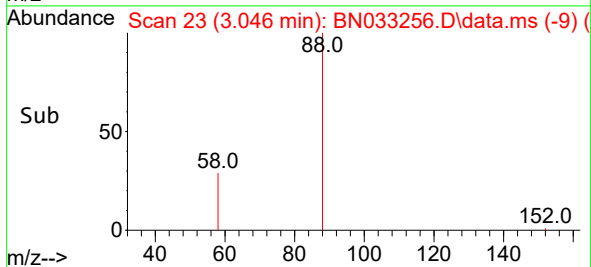
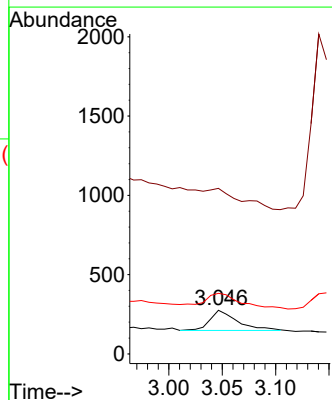
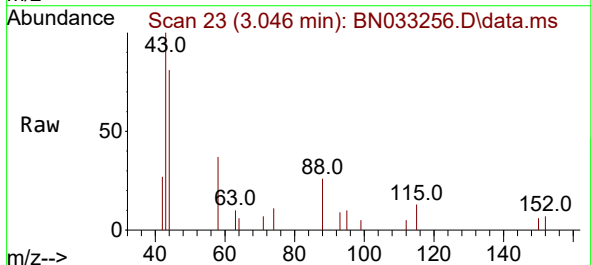
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP301A-50-20240801

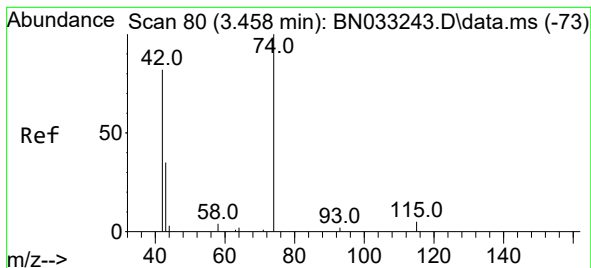
Tgt Ion:152 Resp: 7
 Ion Ratio Lower Upper
 152 100
 150 89.5 108.2 162.2#
 115 157.9 70.5 105.7#



#2
 1,4-Dioxane
 Concen: 29.248 ng
 RT: 3.046 min Scan# 23
 Delta R.T. -0.001 min
 Lab File: BN033256.D
 Acq: 06 Aug 2024 04:30

Tgt Ion: 88 Resp: 227
 Ion Ratio Lower Upper
 88 100
 43 0.0 18.6 28.0#
 58 76.7 54.5 81.7





#3

n-Nitrosodimethylamine

Concen: 2.694 ng

RT: 3.465 min Scan# 81

Delta R.T. 0.007 min

Lab File: BN033256.D

Acq: 06 Aug 2024 04:30

Instrument :

BNA_N

ClientSampleId :

RW7-SP301A-50-20240801

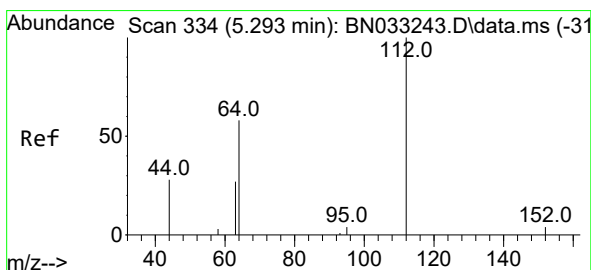
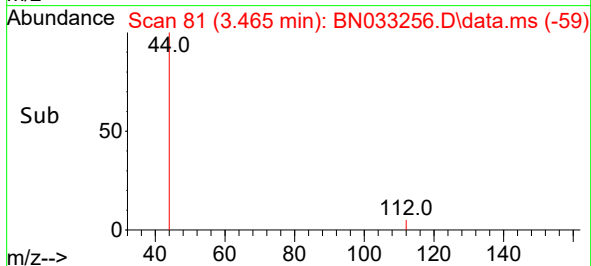
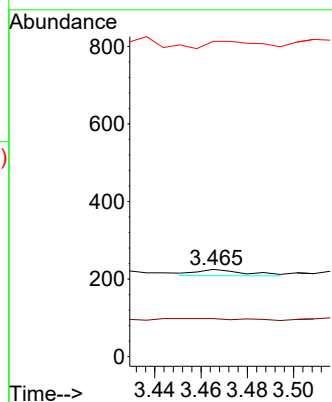
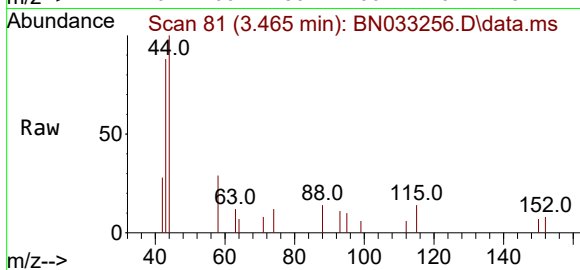
Tgt Ion: 42 Resp: 23

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

44 130.4 9.6 14.4#



#4

2-Fluorophenol

Concen: 4.325 ng

RT: 5.307 min Scan# 336

Delta R.T. 0.014 min

Lab File: BN033256.D

Acq: 06 Aug 2024 04:30

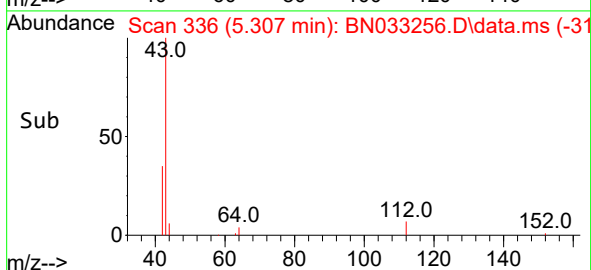
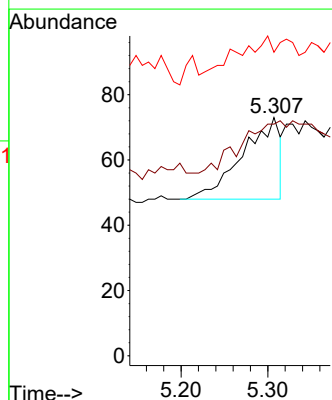
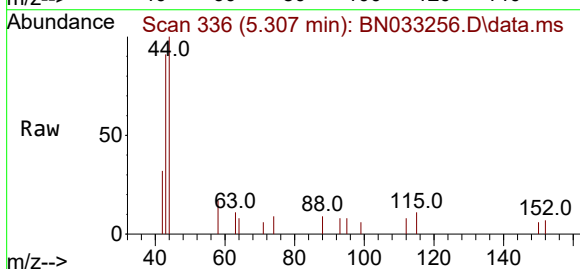
Tgt Ion: 112 Resp: 75

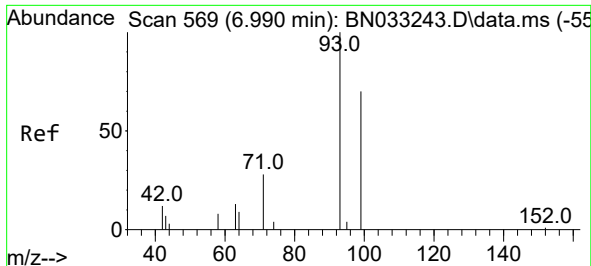
Ion Ratio Lower Upper

112 100

64 76.0 18.0 27.0#

63 0.0 0.0 0.0

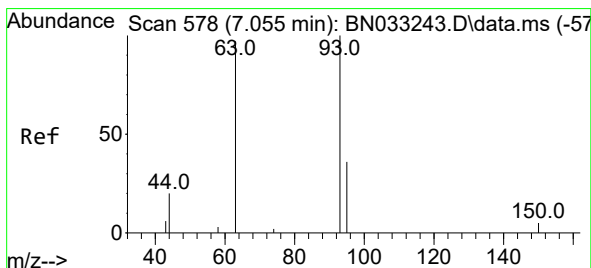
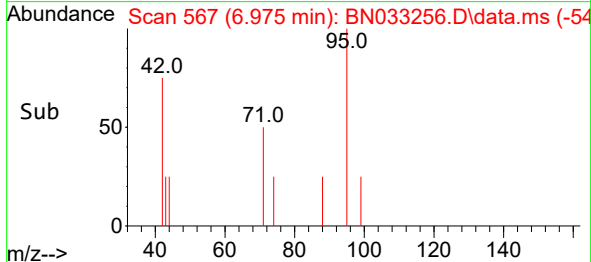
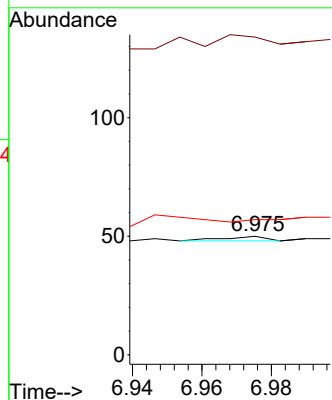
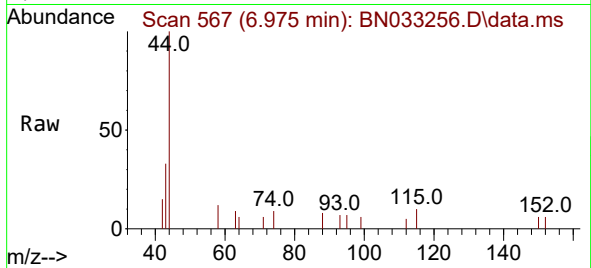




#5
Phenol-d6
Concen: 0.084 ng
RT: 6.975 min Scan# 501
Delta R.T. -0.015 min
Lab File: BN033256.D
Acq: 06 Aug 2024 04:30

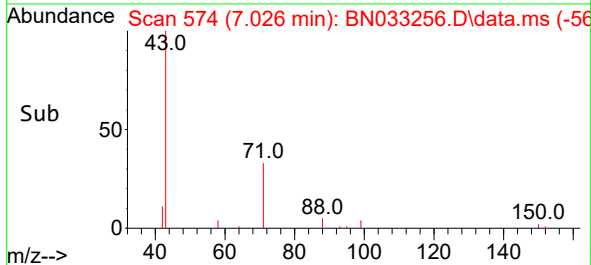
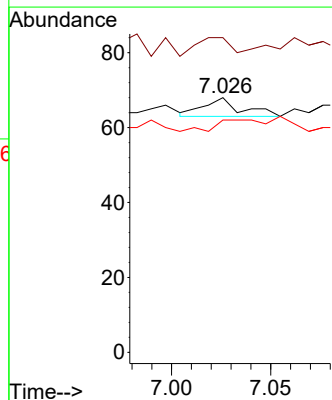
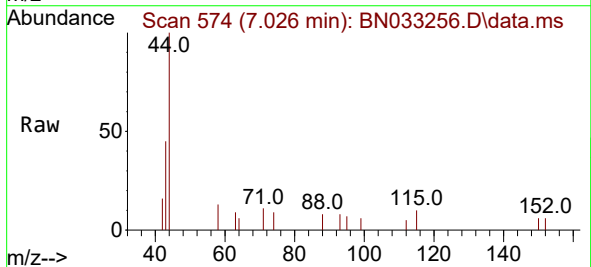
Instrument :
BNA_N
ClientSampleId :
RW7-SP301A-50-20240801

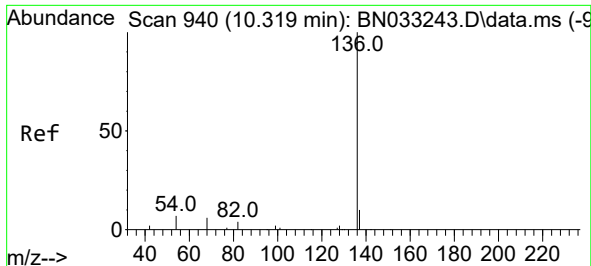
Tgt Ion: 99 Resp: 2
Ion Ratio Lower Upper
99 100
42 400.0 0.0 0.0#
71 0.0 0.0 0.0



#6
bis(2-Chloroethyl)ether
Concen: 0.349 ng
RT: 7.026 min Scan# 574
Delta R.T. -0.029 min
Lab File: BN033256.D
Acq: 06 Aug 2024 04:30

Tgt Ion: 93 Resp: 7
Ion Ratio Lower Upper
93 100
63 100.0 1.1 1.7#
95 0.0 0.0 0.0

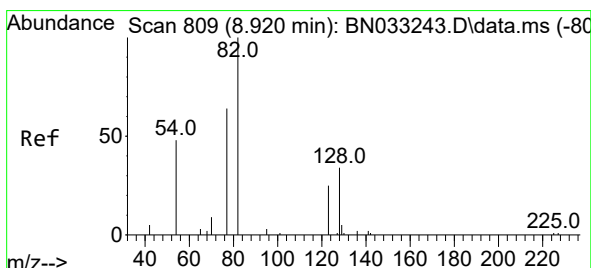
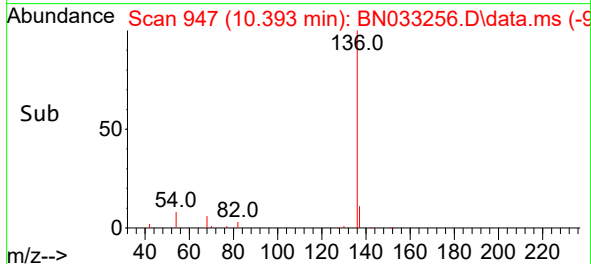
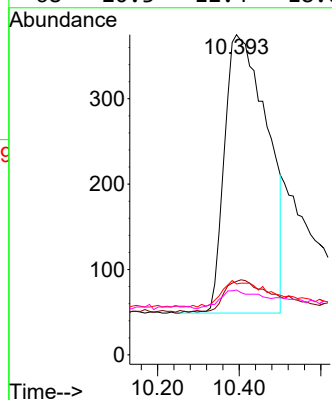
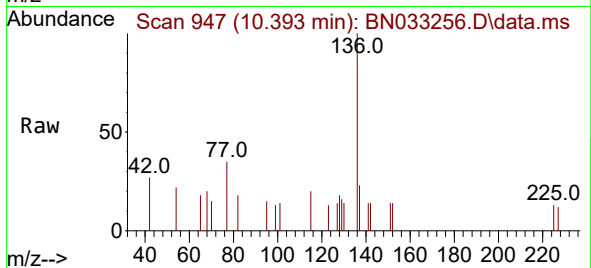




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.393 min Scan# 94
Delta R.T. 0.074 min
Lab File: BN033256.D
Acq: 06 Aug 2024 04:30

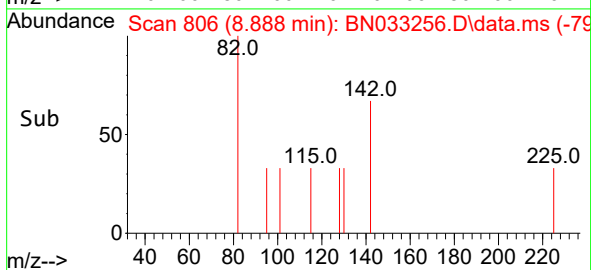
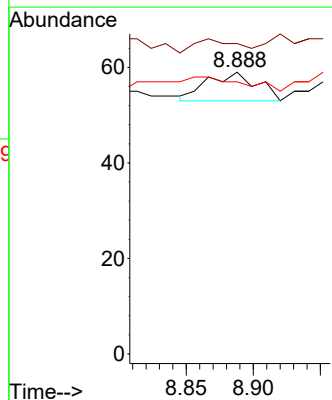
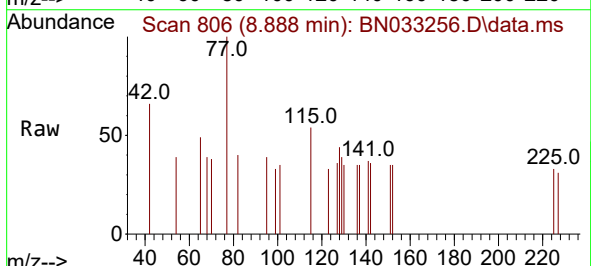
Instrument :
BNA_N
ClientSampleId :
RW7-SP301A-50-20240801

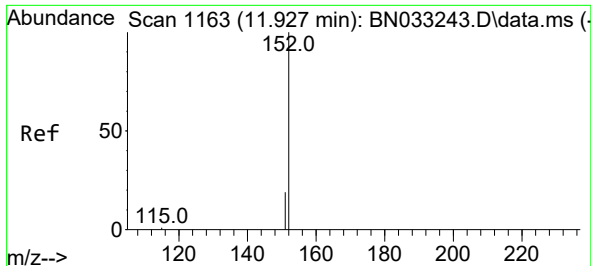
Tgt Ion:	136	Resp:	2362
Ion	Ratio	Lower	Upper
136	100		
137	22.9	14.1	21.1#
54	22.1	13.8	20.8#
68	20.3	12.4	18.6#



#8
Nitrobenzene-d5
Concen: 0.008 ng
RT: 8.888 min Scan# 806
Delta R.T. -0.032 min
Lab File: BN033256.D
Acq: 06 Aug 2024 04:30

Tgt Ion:	82	Resp:	15
Ion	Ratio	Lower	Upper
82	100		
128	110.2	54.8	82.2#
54	96.6	55.9	83.9#





#11

2-Methylnaphthalene-d10

Concen: 0.399 ng

RT: 11.984 min Scan# 1163

Delta R.T. 0.057 min

Lab File: BN033256.D

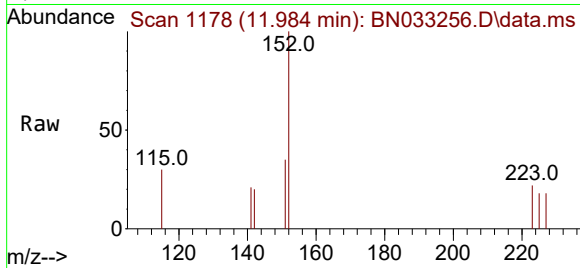
Acq: 06 Aug 2024 04:30

Instrument :

BNA_N

ClientSampleId :

RW7-SP301A-50-20240801

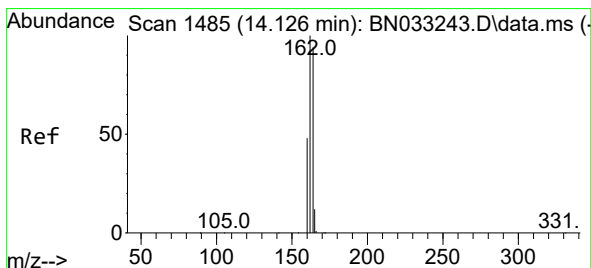
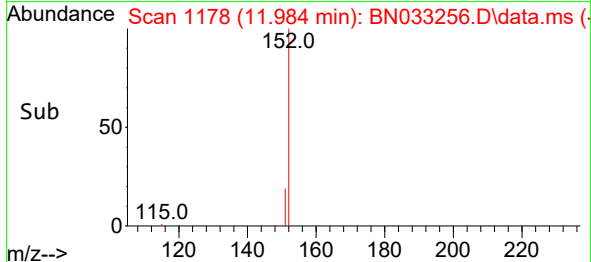
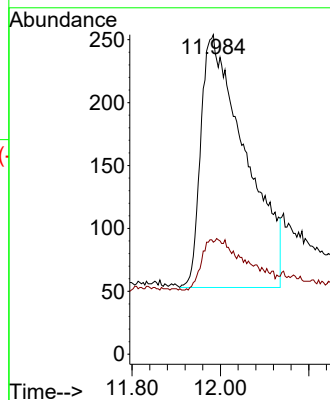


Tgt Ion:152 Resp: 1399

Ion Ratio Lower Upper

152 100

151 5.5 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: BN033256.D

Acq: 06 Aug 2024 04:30

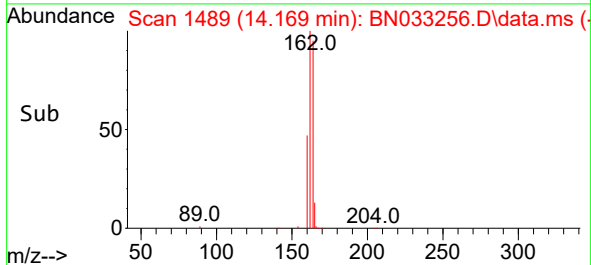
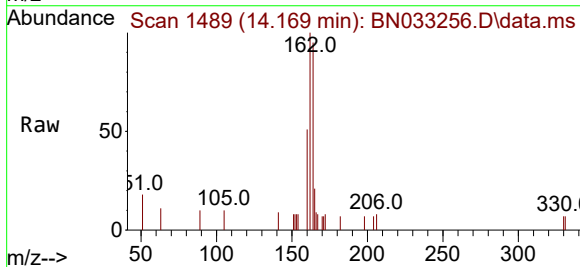
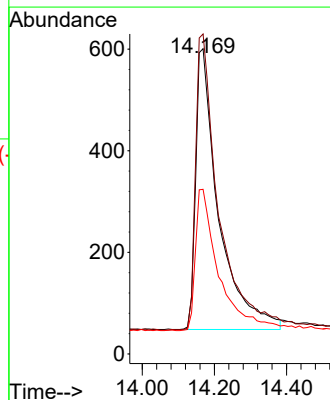
Tgt Ion:164 Resp: 2441

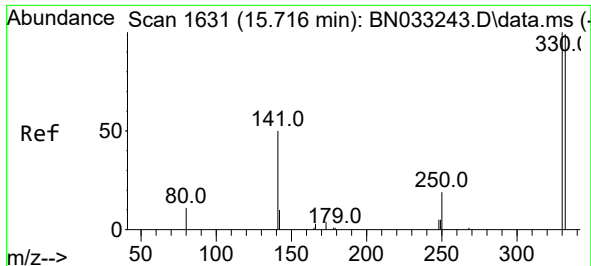
Ion Ratio Lower Upper

164 100

162 104.8 84.6 127.0

160 53.9 42.4 63.6

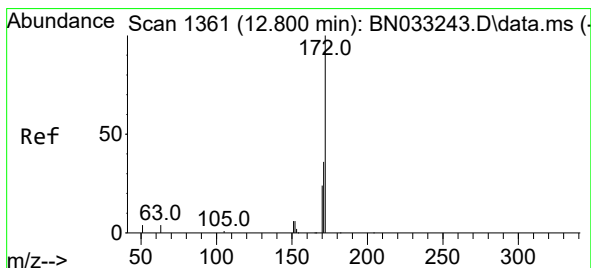
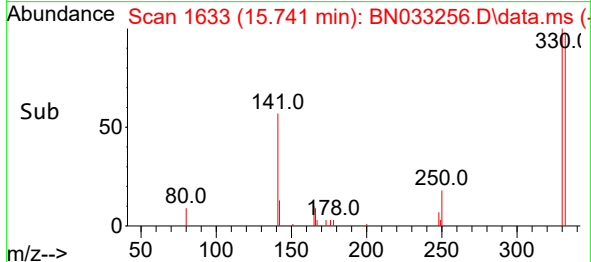
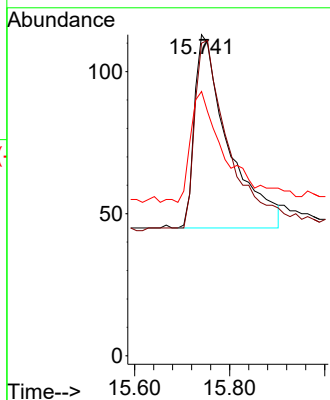
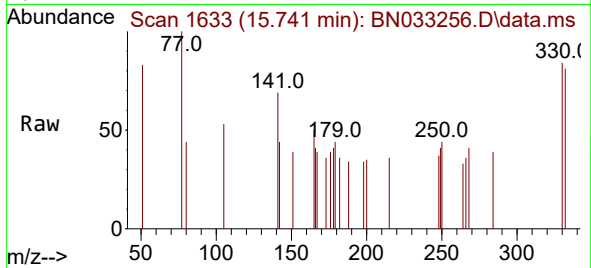




#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.741 min Scan# 1633
Delta R.T. 0.025 min
Lab File: BN033256.D
Acq: 06 Aug 2024 04:30

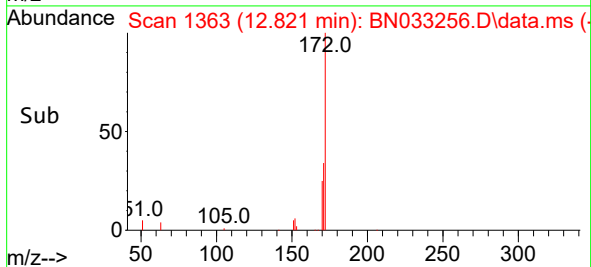
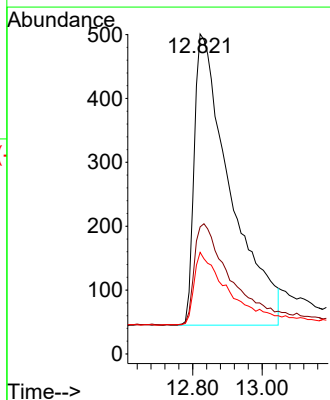
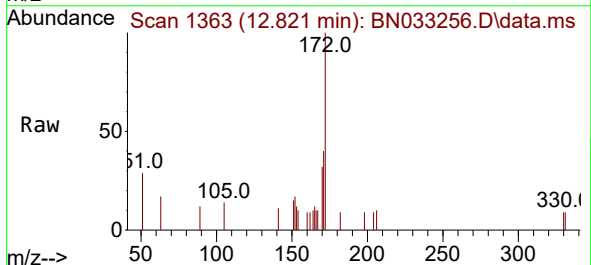
Instrument :
BNA_N
ClientSampleId :
RW7-SP301A-50-20240801

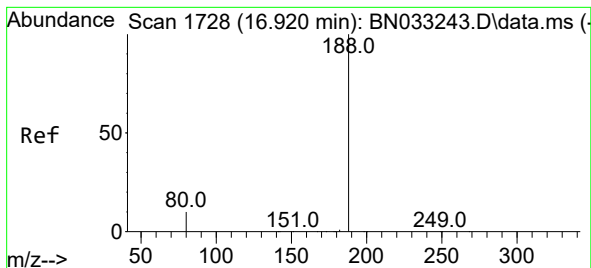
Tgt Ion: 330 Resp: 337
Ion Ratio Lower Upper
330 100
332 96.4 73.7 110.5
141 59.3 44.8 67.2



#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 12.821 min Scan# 1363
Delta R.T. 0.021 min
Lab File: BN033256.D
Acq: 06 Aug 2024 04:30

Tgt Ion: 172 Resp: 3273
Ion Ratio Lower Upper
172 100
171 39.7 32.3 48.5
170 31.7 23.4 35.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.932 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN033256.D

Acq: 06 Aug 2024 04:30

Instrument :

BNA_N

ClientSampleId :

RW7-SP301A-50-20240801

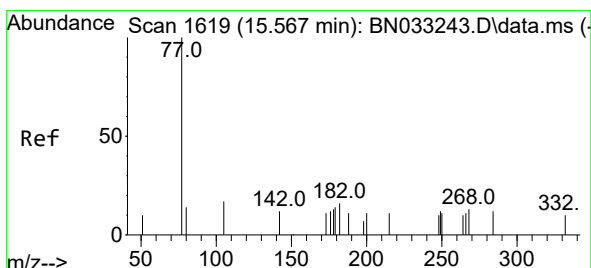
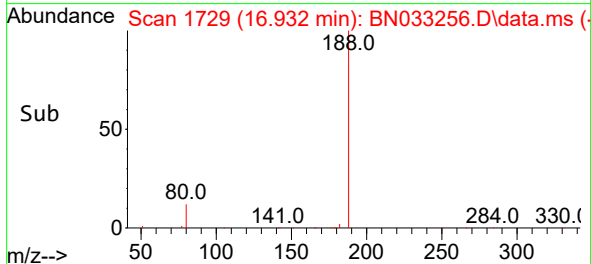
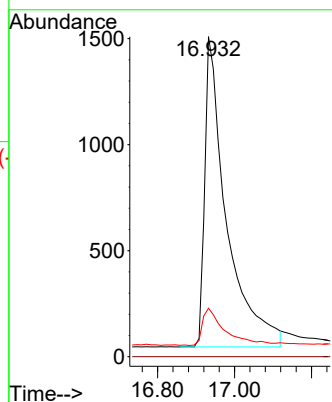
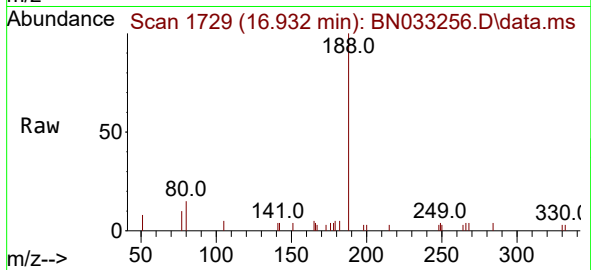
Tgt Ion:188 Resp: 5721

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.2 10.2 15.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.249 ng

RT: 15.592 min Scan# 1621

Delta R.T. 0.025 min

Lab File: BN033256.D

Acq: 06 Aug 2024 04:30

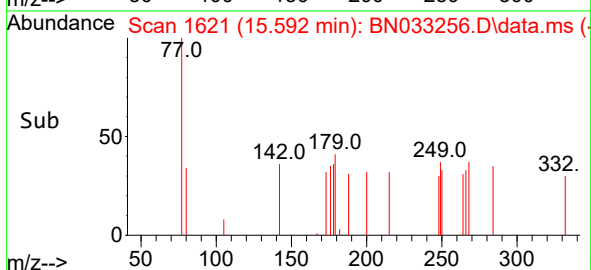
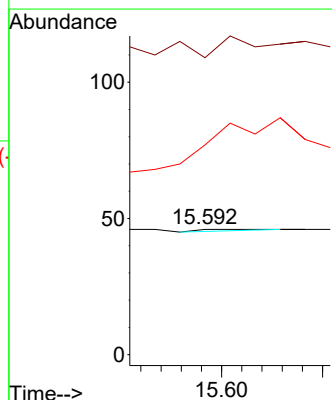
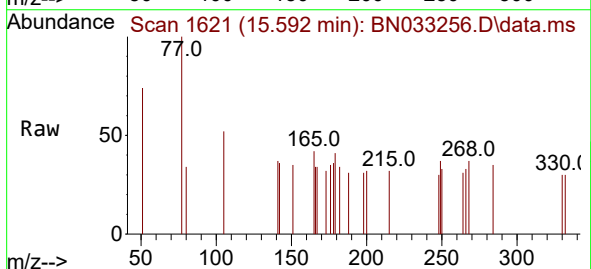
Tgt Ion:198 Resp: 1

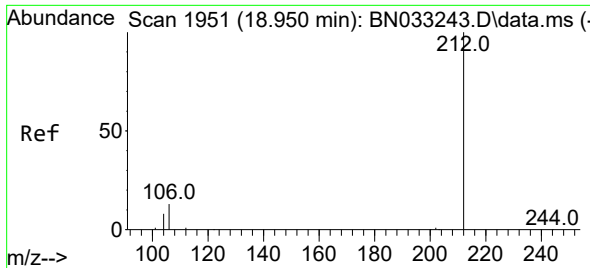
Ion Ratio Lower Upper

198 100

51 237.0 250.6 375.8#

105 167.4 152.6 229.0

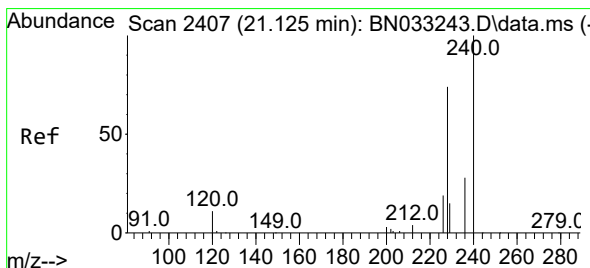
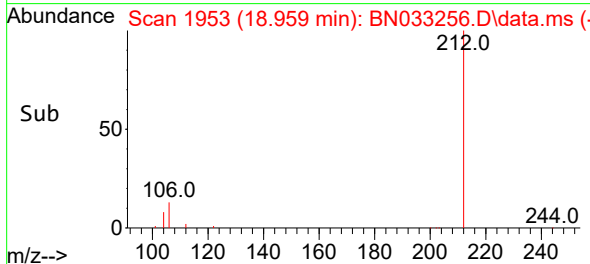
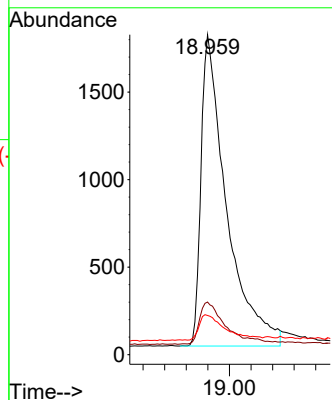
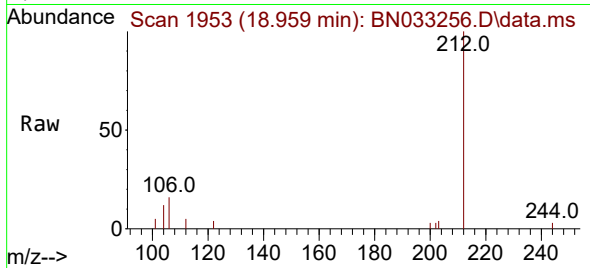




#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 18.959 min Scan# 1953
Delta R.T. 0.009 min
Lab File: BN033256.D
Acq: 06 Aug 2024 04:30

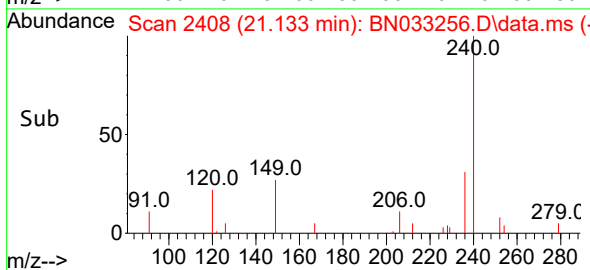
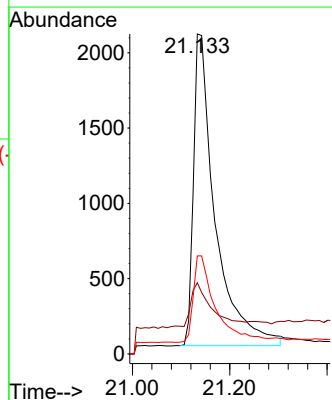
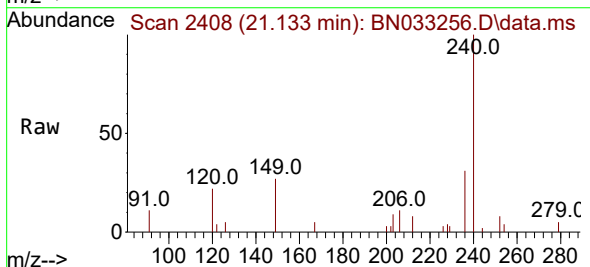
Instrument :
BNA_N
ClientSampleId :
RW7-SP301A-50-20240801

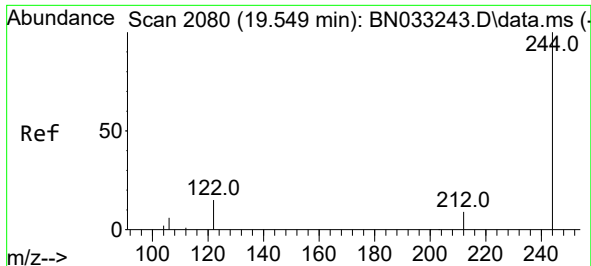
Tgt Ion:212 Resp: 5815
Ion Ratio Lower Upper
212 100
106 14.3 11.4 17.0
104 8.4 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.133 min Scan# 2408
Delta R.T. 0.008 min
Lab File: BN033256.D
Acq: 06 Aug 2024 04:30

Tgt Ion:240 Resp: 6407
Ion Ratio Lower Upper
240 100
120 22.3 13.3 19.9#
236 30.6 23.8 35.6

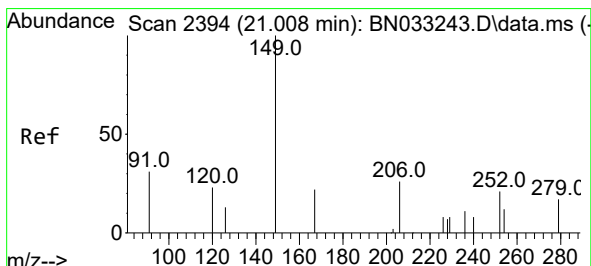
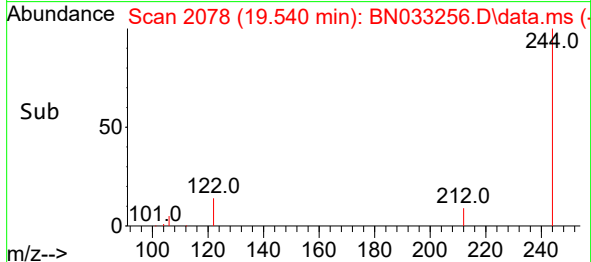
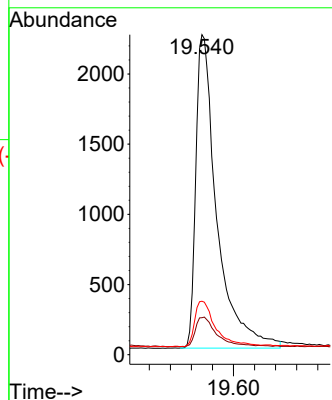
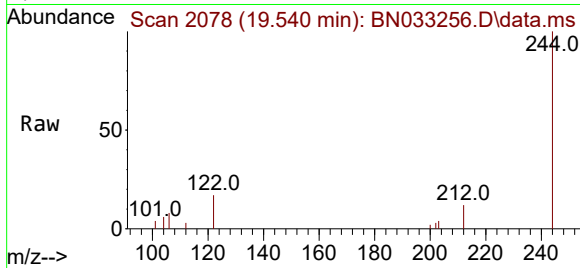




#31
Terphenyl-d14
Concen: 0.560 ng
RT: 19.540 min Scan# 2080
Delta R.T. -0.009 min
Lab File: BN033256.D
Acq: 06 Aug 2024 04:30

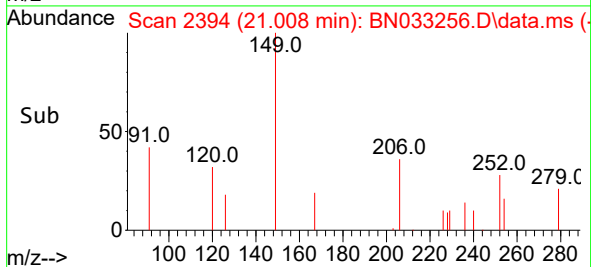
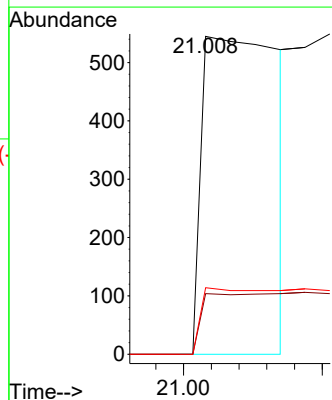
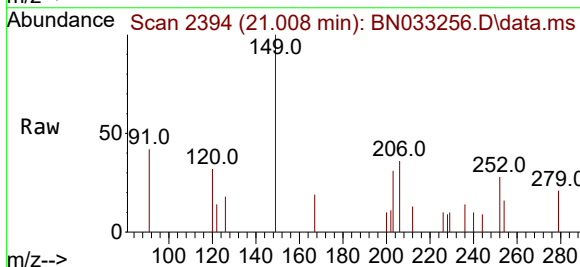
Instrument :
BNA_N
ClientSampleId :
RW7-SP301A-50-20240801

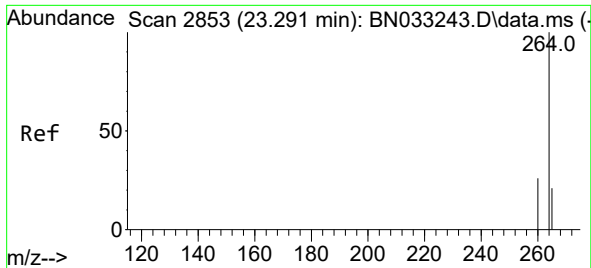
Tgt Ion:244 Resp: 6200
Ion Ratio Lower Upper
244 100
212 11.6 9.9 14.9
122 16.7 14.1 21.1



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.209 ng
RT: 21.008 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BN033256.D
Acq: 06 Aug 2024 04:30

Tgt Ion:149 Resp: 926
Ion Ratio Lower Upper
149 100
167 0.0 19.8 29.6#
279 14.6 8.2 12.4#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.303 min Scan# 21

Delta R.T. 0.012 min

Lab File: BN033256.D

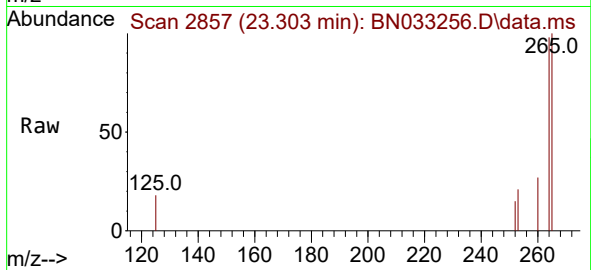
Acq: 06 Aug 2024 04:30

Instrument :

BNA_N

ClientSampleId :

RW7-SP301A-50-20240801



Tgt Ion:264 Resp: 7815

Ion Ratio Lower Upper

264 100

260 27.7 21.4 32.2

265 102.5 66.6 99.8#

