

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
 Data File : BN033257.D
 Acq On : 06 Aug 2024 05:07
 Operator : MA/JU
 Sample : P3455-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-50-20240801

Quant Time: Aug 06 05:50:53 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)

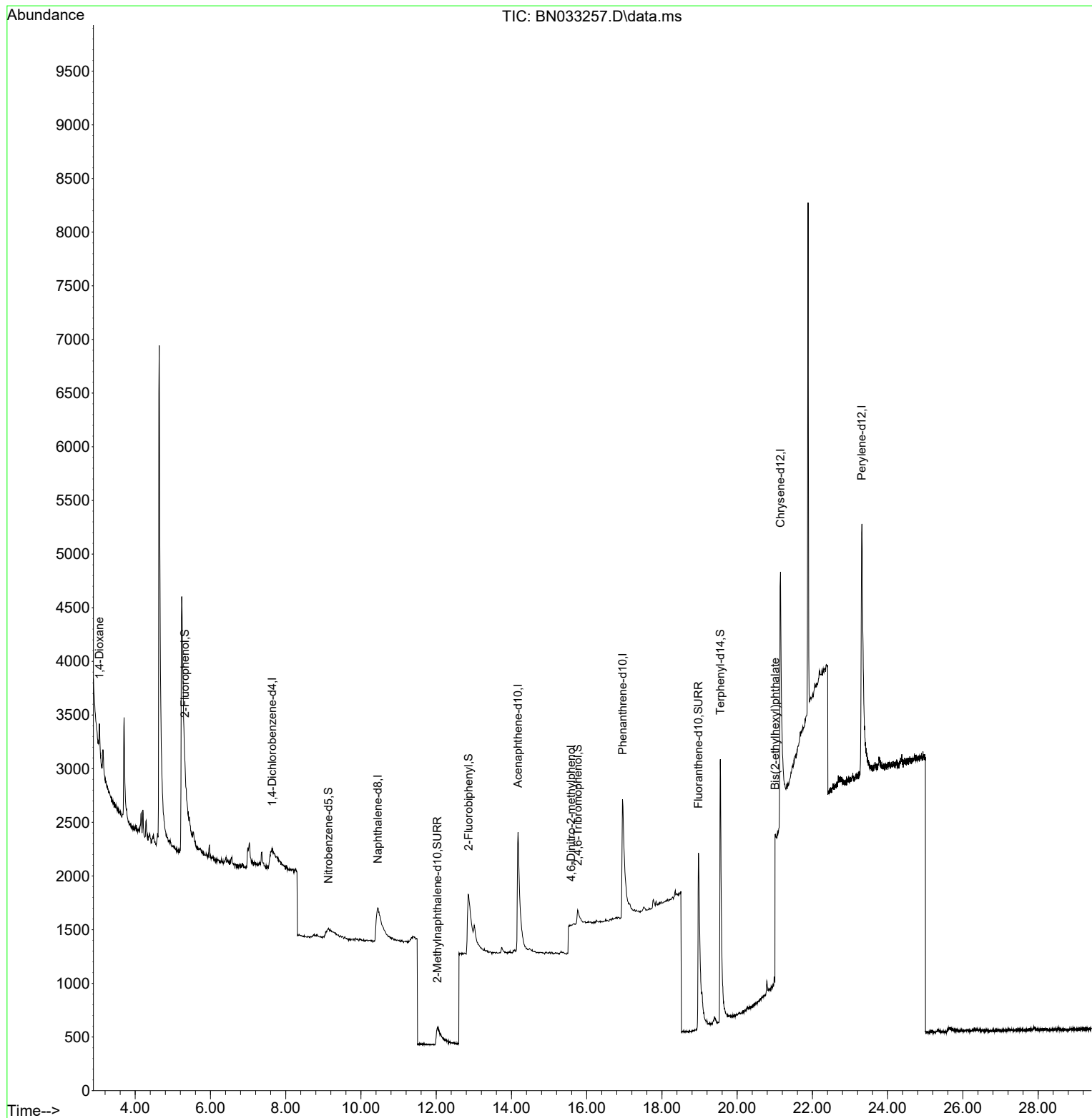
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	302	0.400	ng	0.13
7) Naphthalene-d8	10.447	136	2577	0.400	ng	# 0.13
13) Acenaphthene-d10	14.176	164	1936	0.400	ng	0.05
19) Phenanthrene-d10	16.952	188	4472	0.400	ng	# 0.03
29) Chrysene-d12	21.149	240	5171	0.400	ng	# 0.02
35) Perylene-d12	23.312	264	6231	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.322	112	62	0.083	ng	0.03
5) Phenol-d6	7.098	99	2	0.002	ng	0.11
8) Nitrobenzene-d5	9.134	82	290	0.140	ng	0.21
11) 2-Methylnaphthalene-d10	12.029	152	941	0.246	ng	0.10
14) 2,4,6-Tribromophenol	15.760	330	220	0.305	ng	0.04
15) 2-Fluorobiphenyl	12.861	172	2383	0.360	ng	0.06
27) Fluoranthene-d10	18.971	212	4820	0.385	ng	0.02
31) Terphenyl-d14	19.552	244	5279	0.591	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.047	88	296	0.651	ng	# 80
20) 4,6-Dinitro-2-methylph...	15.586	198	1	0.249	ng	# 62
34) Bis(2-ethylhexyl)phtha...	21.006	149	1436	0.401	ng	# 66

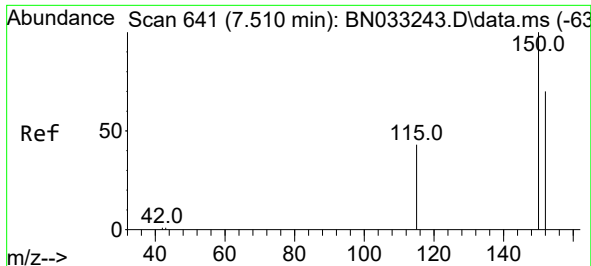
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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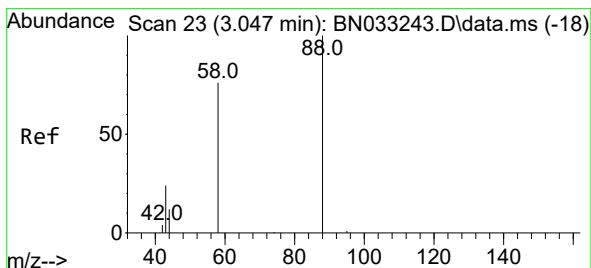
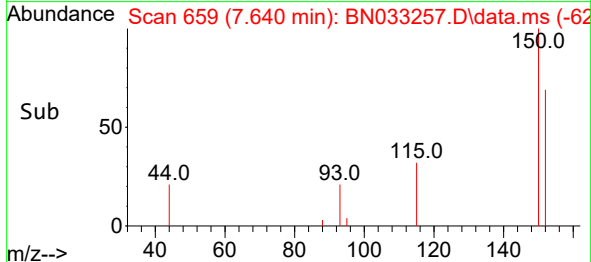
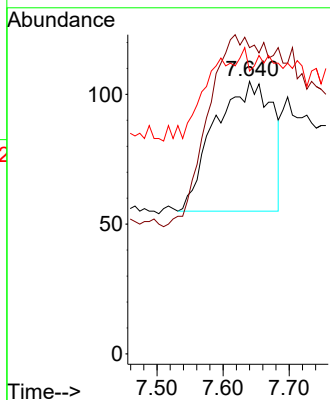
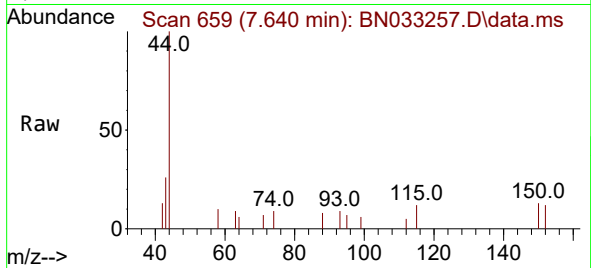




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.640 min Scan# 61
Delta R.T. 0.130 min
Lab File: BN033257.D
Acq: 06 Aug 2024 05:07

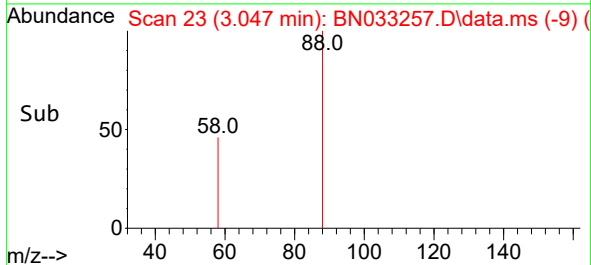
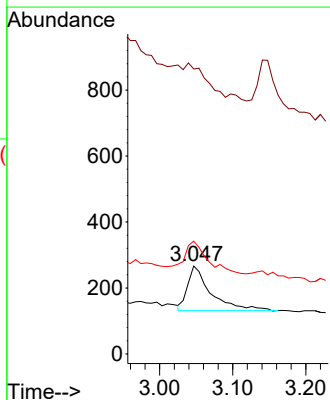
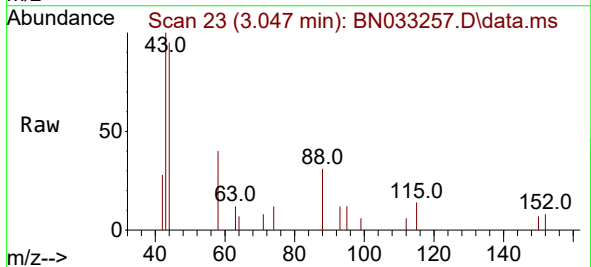
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-50-20240801

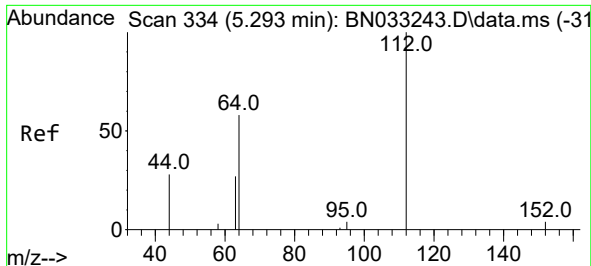
Tgt Ion:152 Resp: 302
Ion Ratio Lower Upper
152 100
150 112.4 108.2 162.2
115 103.8 70.5 105.7



#2
1,4-Dioxane
Concen: 0.651 ng
RT: 3.047 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN033257.D
Acq: 06 Aug 2024 05:07

Tgt Ion: 88 Resp: 296
Ion Ratio Lower Upper
88 100
43 0.0 18.6 28.0#
58 77.0 54.5 81.7

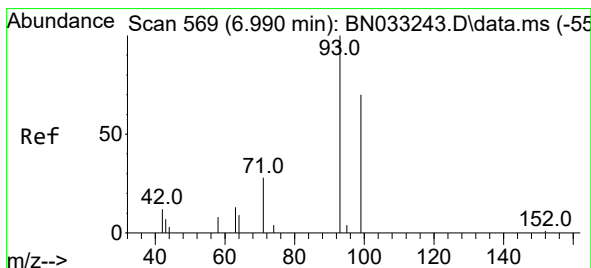
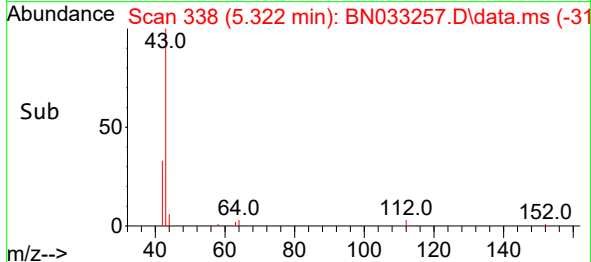
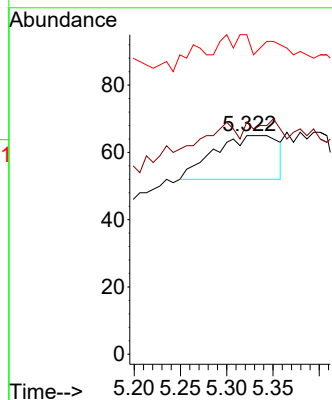
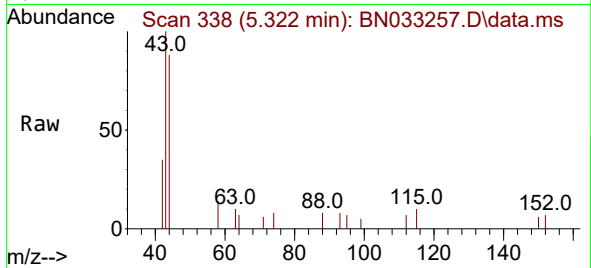




#4
2-Fluorophenol
Concen: 0.083 ng
RT: 5.322 min Scan# 31
Delta R.T. 0.029 min
Lab File: BN033257.D
Acq: 06 Aug 2024 05:07

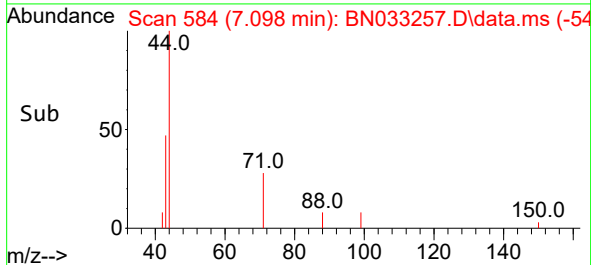
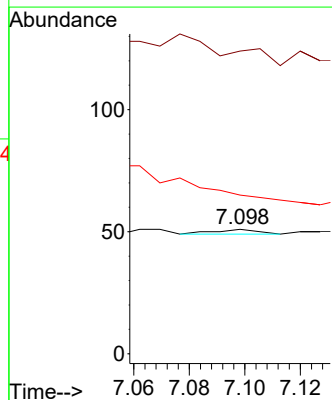
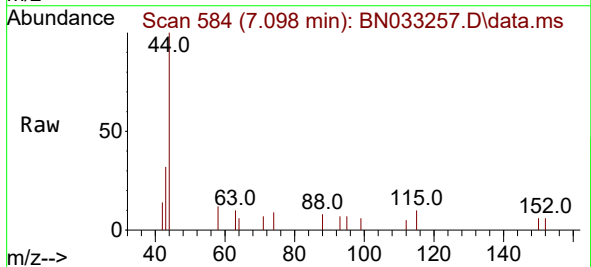
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-50-20240801

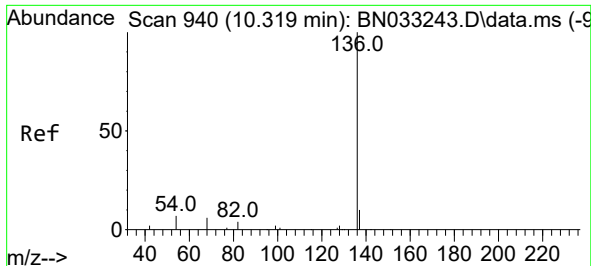
Tgt Ion:112 Resp: 62
Ion Ratio Lower Upper
112 100
64 0.0 18.0 27.0#
63 0.0 0.0 0.0



#5
Phenol-d6
Concen: 0.002 ng
RT: 7.098 min Scan# 584
Delta R.T. 0.108 min
Lab File: BN033257.D
Acq: 06 Aug 2024 05:07

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

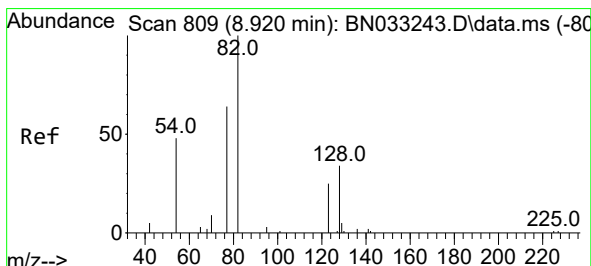
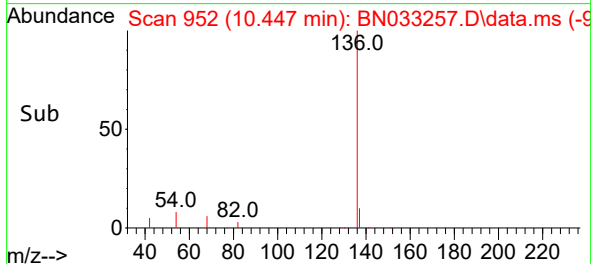
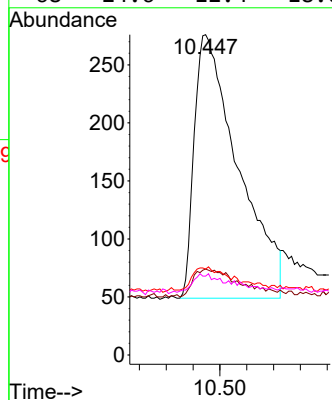
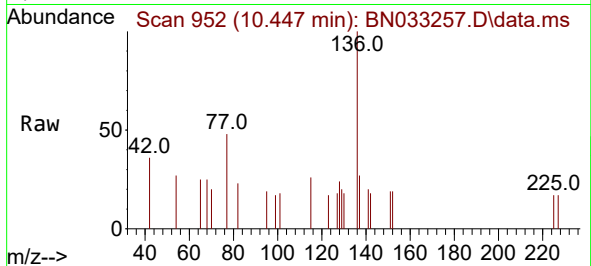




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.447 min Scan# 91
Delta R.T. 0.128 min
Lab File: BN033257.D
Acq: 06 Aug 2024 05:07

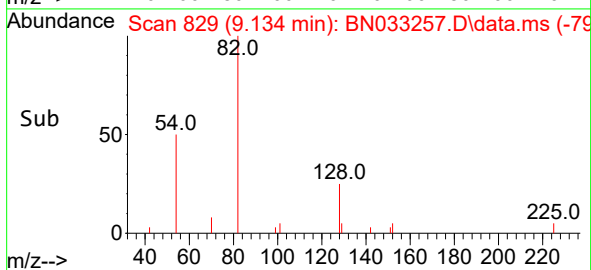
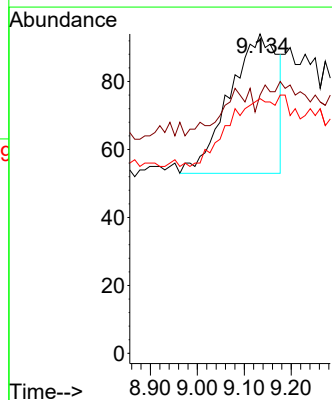
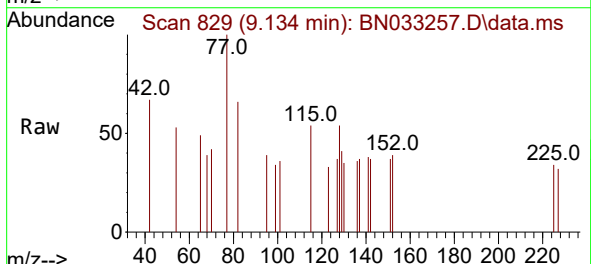
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-50-20240801

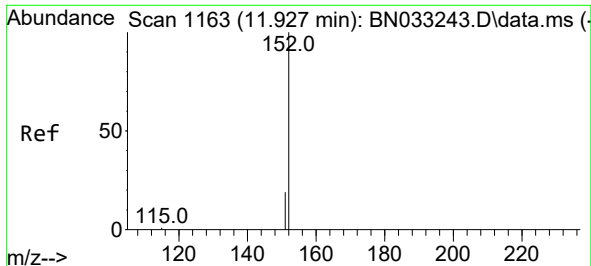
Tgt Ion:	136	Resp:	2577
Ion	Ratio	Lower	Upper
136	100		
137	26.8	14.1	21.1#
54	26.8	13.8	20.8#
68	24.6	12.4	18.6#



#8
Nitrobenzene-d5
Concen: 0.140 ng
RT: 9.134 min Scan# 829
Delta R.T. 0.214 min
Lab File: BN033257.D
Acq: 06 Aug 2024 05:07

Tgt Ion:	82	Resp:	290
Ion	Ratio	Lower	Upper
82	100		
128	80.9	54.8	82.2
54	79.8	55.9	83.9





#11

2-Methylnaphthalene-d10

Concen: 0.246 ng

RT: 12.029 min Scan# 1163

Delta R.T. 0.102 min

Lab File: BN033257.D

Acq: 06 Aug 2024 05:07

Instrument :

BNA_N

ClientSampleId :

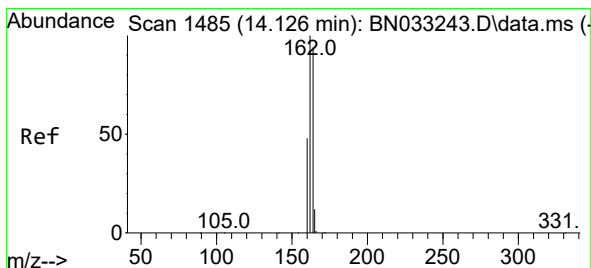
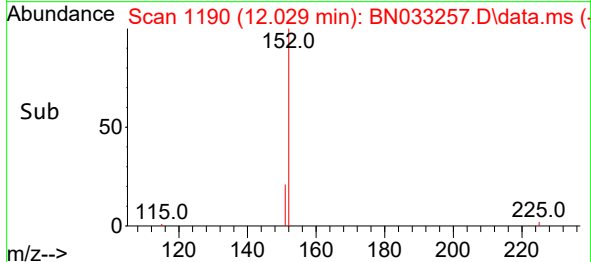
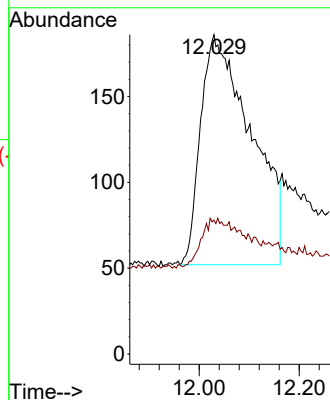
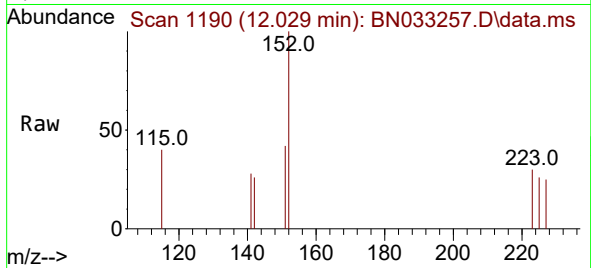
RW7-SP303-50-20240801

Tgt Ion:152 Resp: 941

Ion Ratio Lower Upper

152 100

151 6.0 11.9 17.9#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.176 min Scan# 1489

Delta R.T. 0.050 min

Lab File: BN033257.D

Acq: 06 Aug 2024 05:07

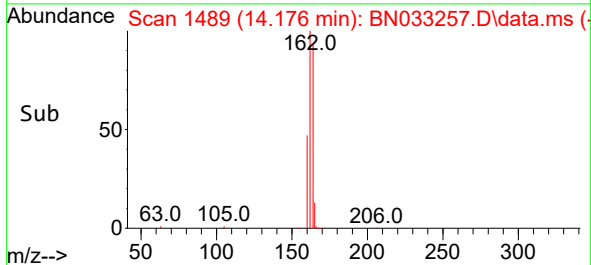
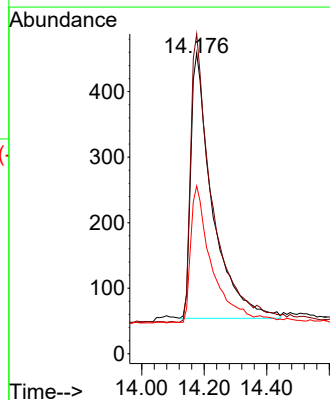
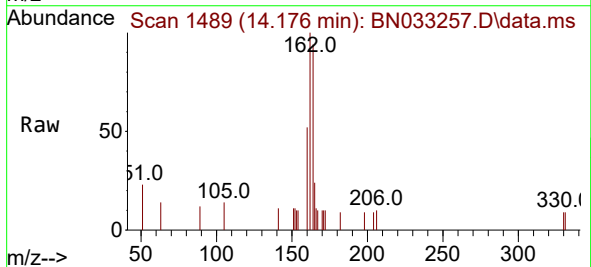
Tgt Ion:164 Resp: 1936

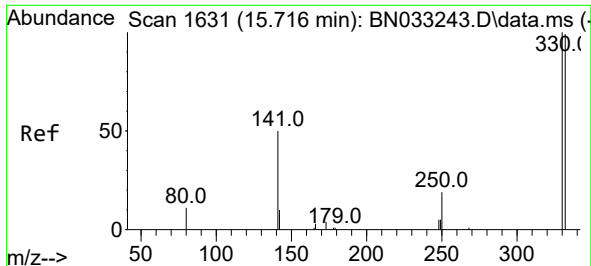
Ion Ratio Lower Upper

164 100

162 106.3 84.6 127.0

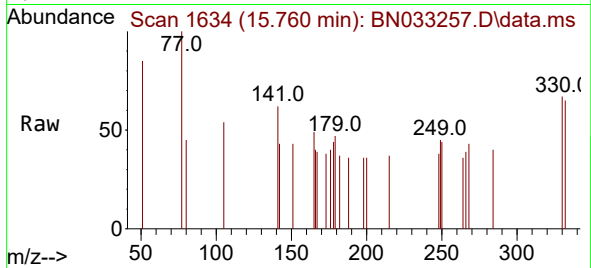
160 55.8 42.4 63.6



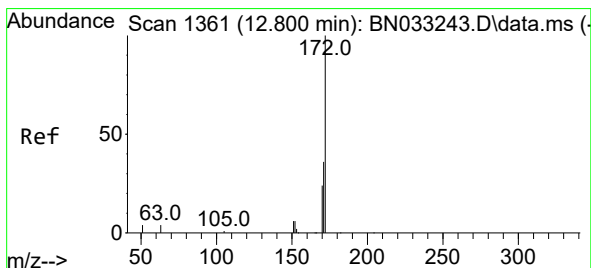
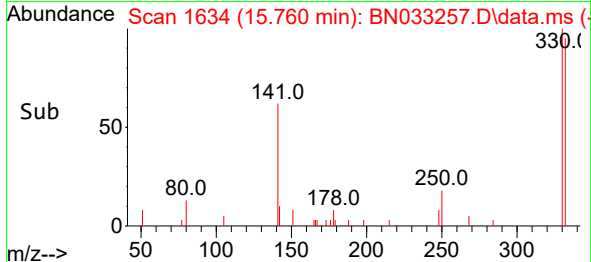
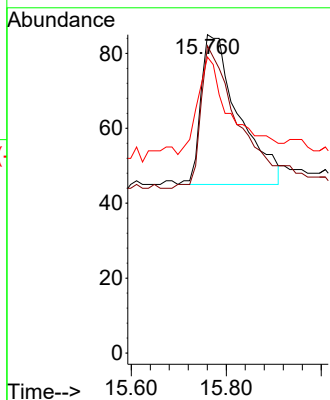


#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.760 min Scan# 1634
Delta R.T. 0.044 min
Lab File: BN033257.D
Acq: 06 Aug 2024 05:07

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-50-20240801

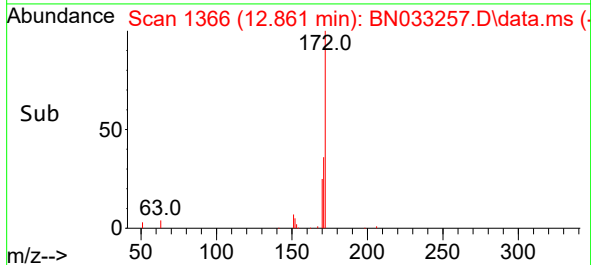
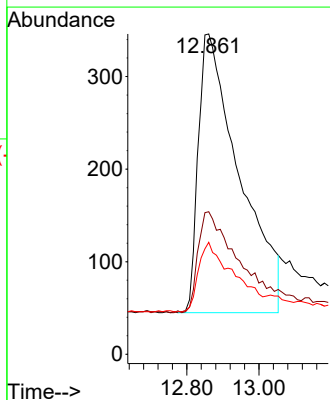
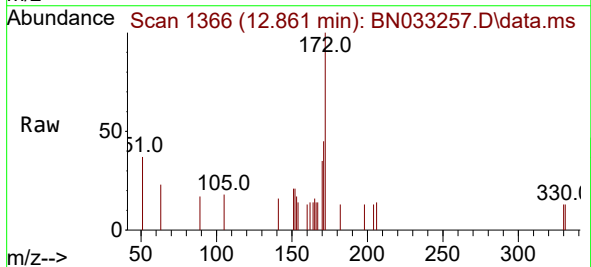


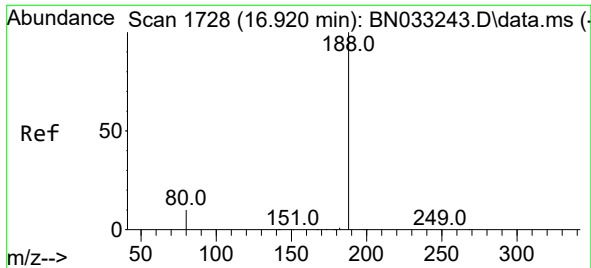
Tgt Ion:330 Resp: 220
Ion Ratio Lower Upper
330 100
332 86.8 73.7 110.5
141 57.7 44.8 67.2



#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.861 min Scan# 1366
Delta R.T. 0.060 min
Lab File: BN033257.D
Acq: 06 Aug 2024 05:07

Tgt Ion:172 Resp: 2383
Ion Ratio Lower Upper
172 100
171 44.5 32.3 48.5
170 35.0 23.4 35.2

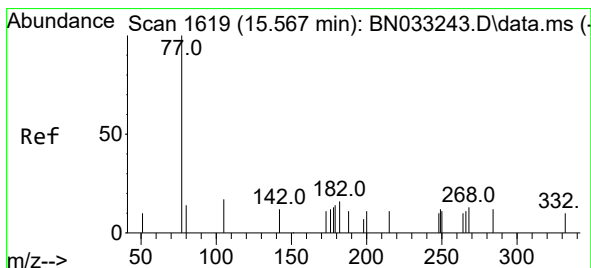
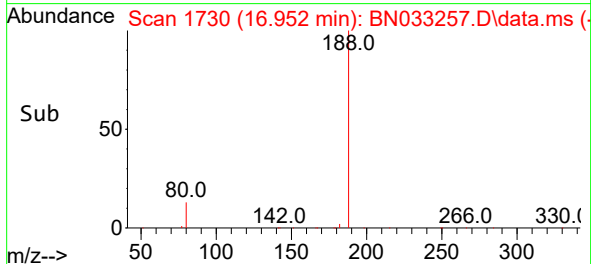
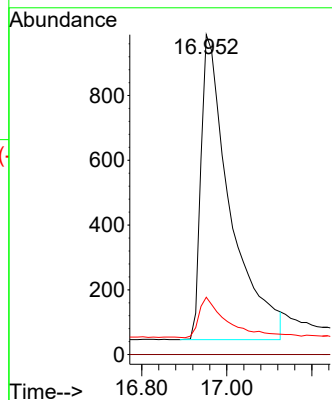
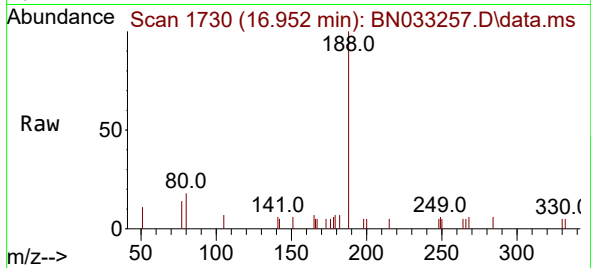




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.952 min Scan# 11
Delta R.T. 0.032 min
Lab File: BN033257.D
Acq: 06 Aug 2024 05:07

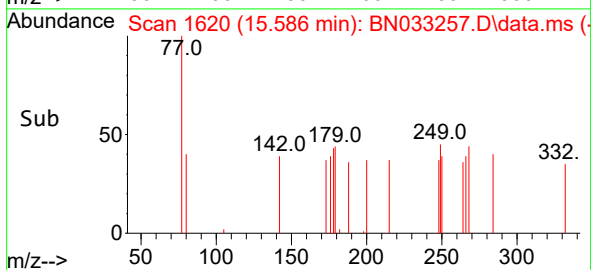
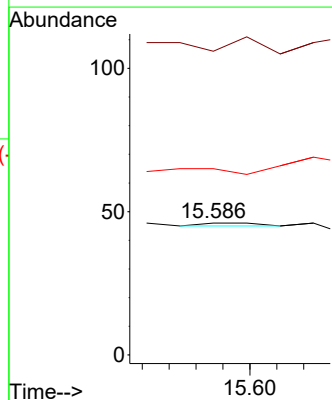
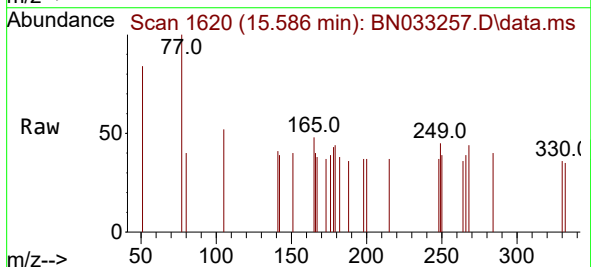
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-50-20240801

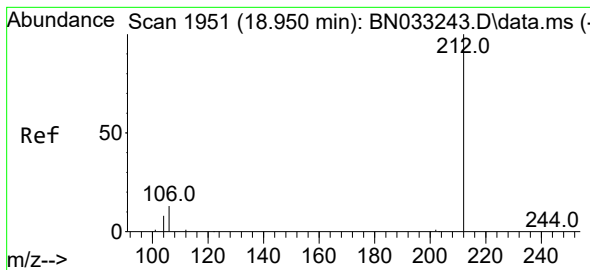
Tgt Ion:188 Resp: 4472
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.9 10.2 15.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.249 ng
RT: 15.586 min Scan# 1620
Delta R.T. 0.019 min
Lab File: BN033257.D
Acq: 06 Aug 2024 05:07

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 230.4 250.6 375.8#
105 141.3 152.6 229.0#





#27

Fluoranthene-d10

Concen: 0.385 ng

RT: 18.971 min Scan# 1954

Delta R.T. 0.021 min

Lab File: BN033257.D

Acq: 06 Aug 2024 05:07

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-50-20240801

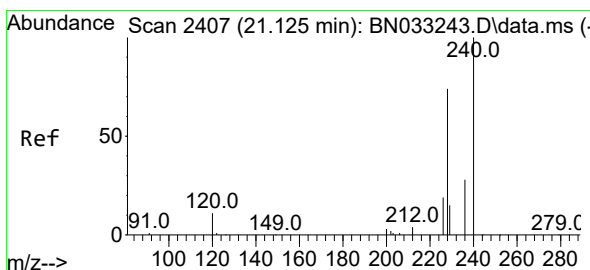
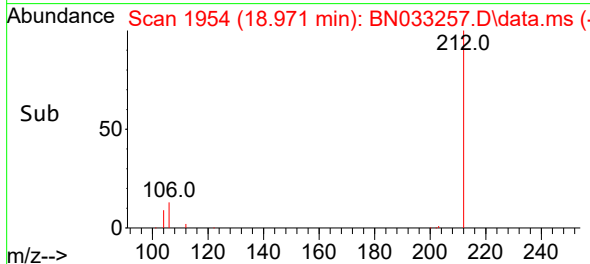
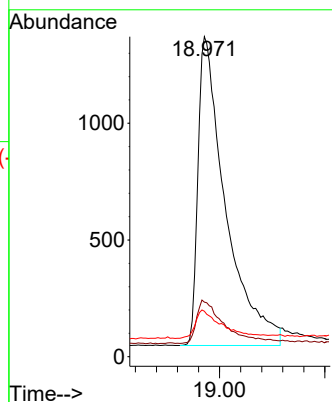
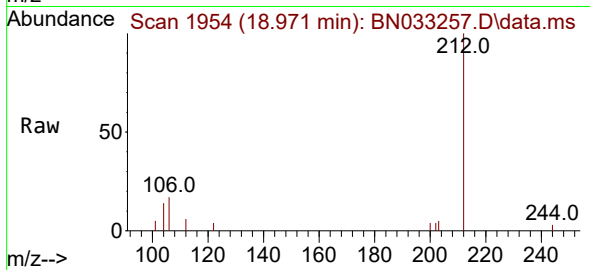
Tgt Ion:212 Resp: 4820

Ion Ratio Lower Upper

212 100

106 14.1 11.4 17.0

104 9.3 7.1 10.7



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.149 min Scan# 2408

Delta R.T. 0.024 min

Lab File: BN033257.D

Acq: 06 Aug 2024 05:07

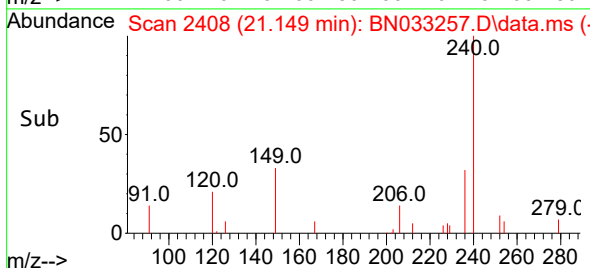
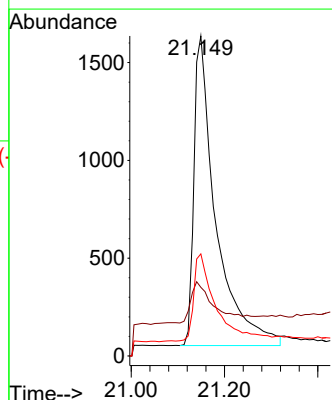
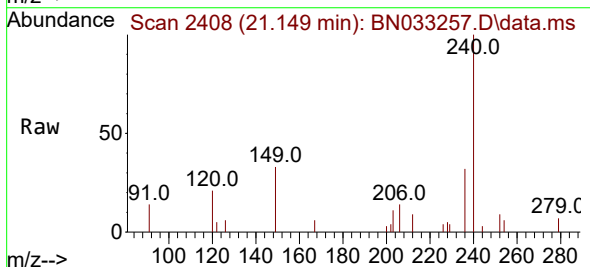
Tgt Ion:240 Resp: 5171

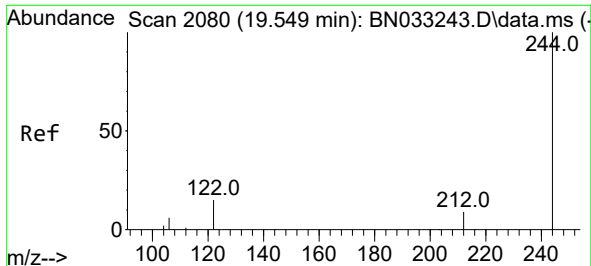
Ion Ratio Lower Upper

240 100

120 21.5 13.3 19.9#

236 31.9 23.8 35.6

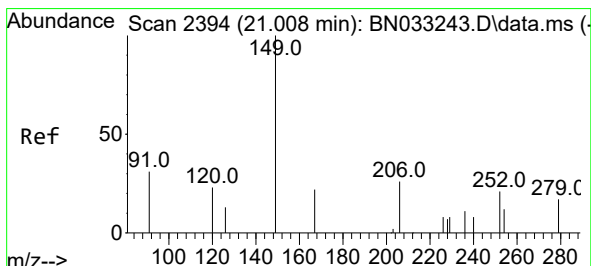
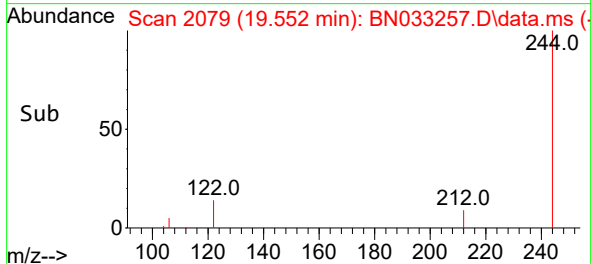
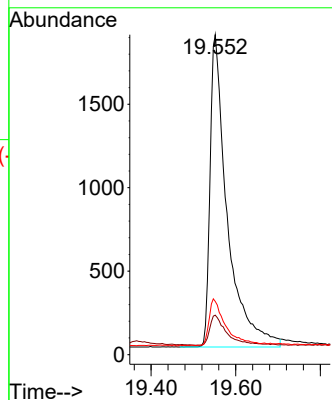
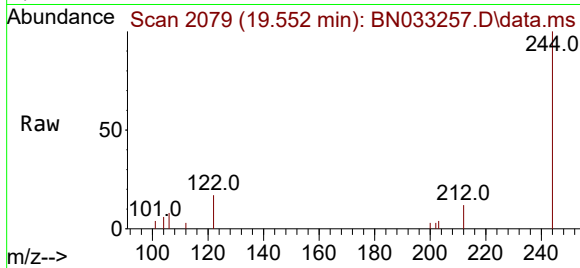




#31
 Terphenyl-d14
 Concen: 0.591 ng
 RT: 19.552 min Scan# 2080
 Delta R.T. 0.002 min
 Lab File: BN033257.D
 Acq: 06 Aug 2024 05:07

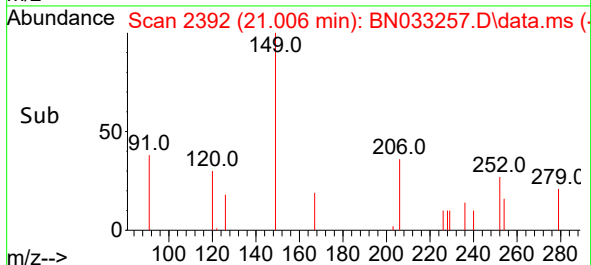
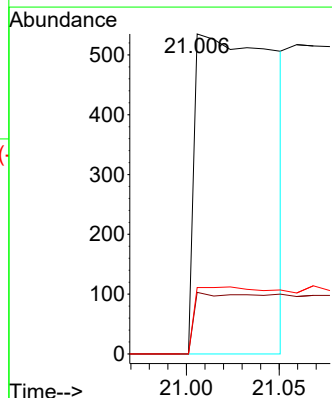
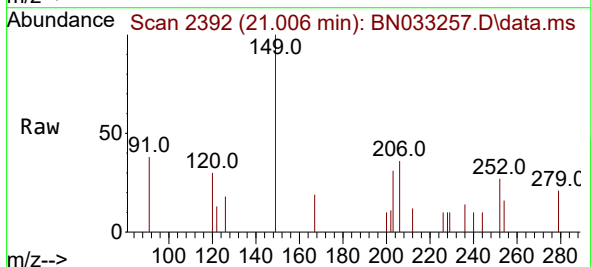
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-50-20240801

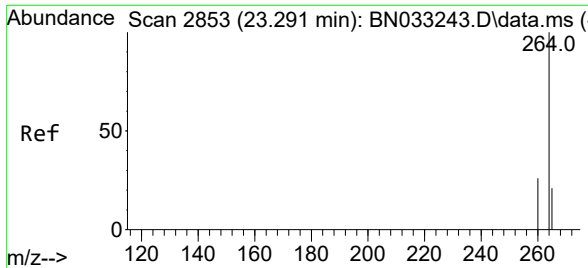
Tgt Ion:244 Resp: 5279
 Ion Ratio Lower Upper
 244 100
 212 12.3 9.9 14.9
 122 16.6 14.1 21.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.401 ng
 RT: 21.006 min Scan# 2392
 Delta R.T. -0.002 min
 Lab File: BN033257.D
 Acq: 06 Aug 2024 05:07

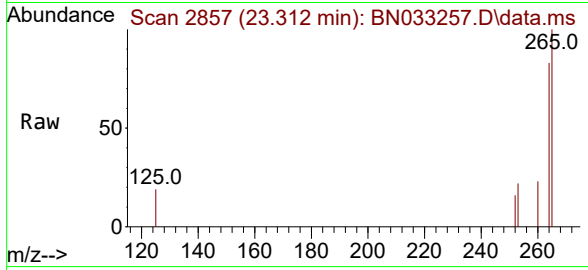
Tgt Ion:149 Resp: 1436
 Ion Ratio Lower Upper
 149 100
 167 8.5 19.8 29.6#
 279 24.9 8.2 12.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.312 min Scan# 21
Delta R.T. 0.021 min
Lab File: BN033257.D
Acq: 06 Aug 2024 05:07

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-50-20240801



Tgt Ion:264 Resp: 6231

Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.4	32.2
265	120.8	66.6	99.8

