

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042524\
 Data File : BN031234.D
 Acq On : 25 Apr 2024 23:45
 Operator : MA/JU
 Sample : P2233-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-31-042224

Quant Time: Apr 26 00:13:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 25 18:00:27 2024
 Response via : Initial Calibration

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

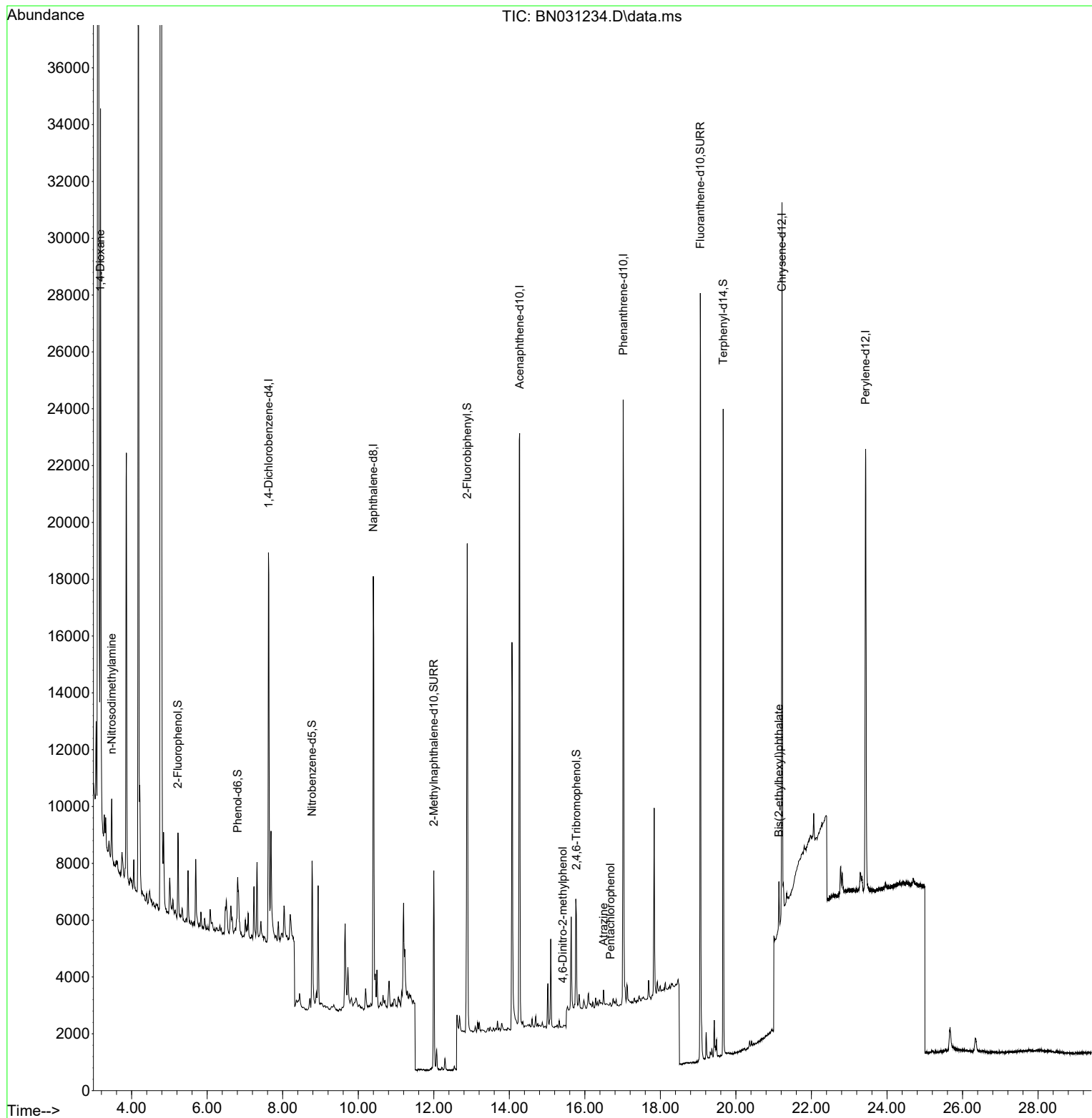
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	6885	0.400	ng	0.00
7) Naphthalene-d8	10.400	136	21112	0.400	ng	#-0.01
13) Acenaphthene-d10	14.274	164	13168	0.400	ng	0.00
19) Phenanthrene-d10	17.016	188	29564	0.400	ng	#-0.01
29) Chrysene-d12	21.220	240	22155	0.400	ng	-0.02
35) Perylene-d12	23.434	264	20380	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.226	112	2533	0.165	ng	0.00
5) Phenol-d6	6.808	99	2011	0.108	ng	0.00
8) Nitrobenzene-d5	8.777	82	4818	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.001	152	9879	0.304	ng	0.00
14) 2,4,6-Tribromophenol	15.775	330	2324	0.455	ng	0.00
15) 2-Fluorobiphenyl	12.884	172	14597	0.330	ng	-0.01
27) Fluoranthene-d10	19.058	212	28649	0.360	ng	0.00
31) Terphenyl-d14	19.662	244	21377	0.416	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.175	88	15000	1.772	ng	96
3) n-Nitrosodimethylamine	3.471	42	238	0.030	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.418	198	4	0.103	ng	# 1
23) Atrazine	16.495	200	360	0.028	ng	# 84
24) Pentachlorophenol	16.681	266	52	0.133	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.139	149	1970	0.056	ng	# 88

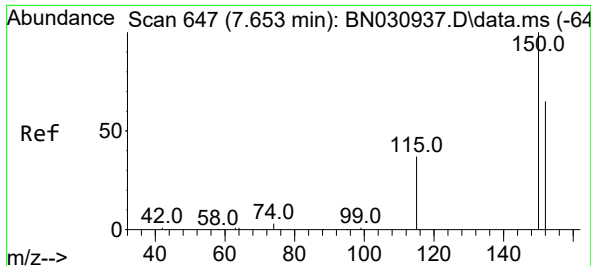
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042524\
Data File : BN031234.D
Acq On : 25 Apr 2024 23:45
Operator : MA/JU
Sample : P2233-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-03B-31-042224

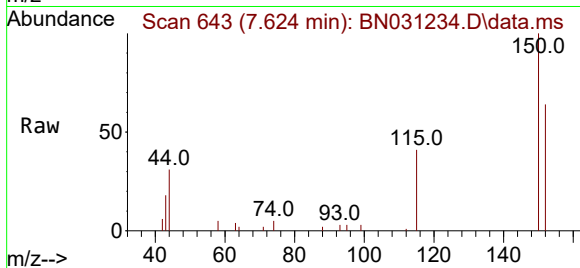
Quant Time: Apr 26 00:13:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 25 18:00:27 2024
Response via : Initial Calibration



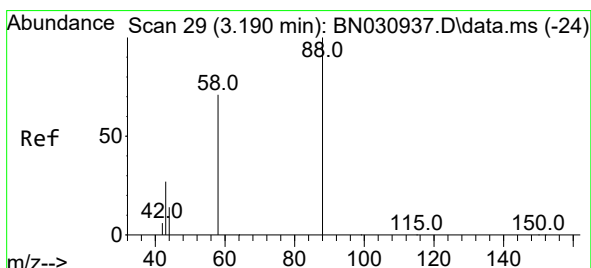
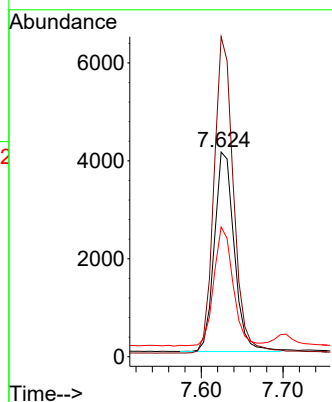
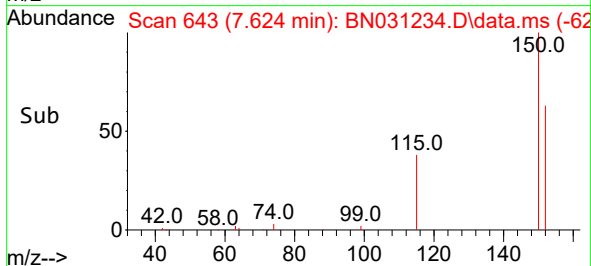


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.624 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN031234.D
 Acq: 25 Apr 2024 23:45

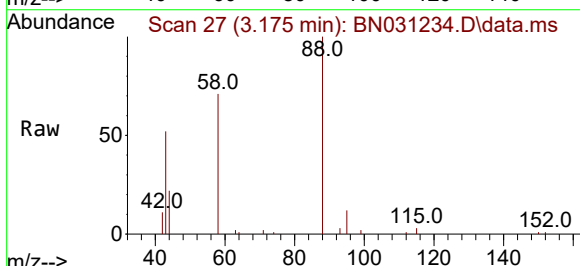
Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-31-042224



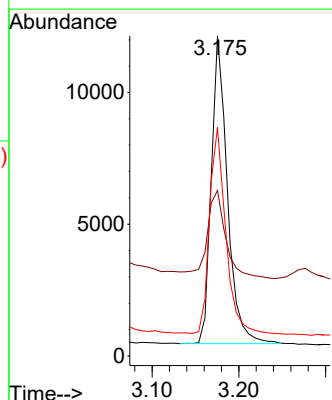
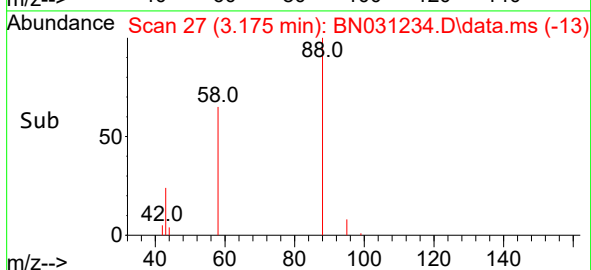
Tgt Ion:152 Resp: 6885
 Ion Ratio Lower Upper
 152 100
 150 156.4 121.7 182.5
 115 63.4 47.8 71.8

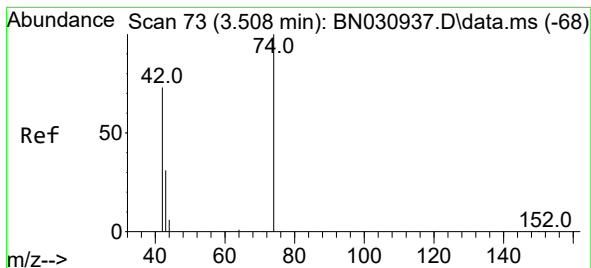


#2
 1,4-Dioxane
 Concen: 1.772 ng
 RT: 3.175 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: BN031234.D
 Acq: 25 Apr 2024 23:45



Tgt Ion: 88 Resp: 15000
 Ion Ratio Lower Upper
 88 100
 43 33.5 23.7 35.5
 58 67.8 55.7 83.5





#3

n-Nitrosodimethylamine

Concen: 0.030 ng

RT: 3.471 min Scan# 61

Delta R.T. -0.015 min

Lab File: BN031234.D

Acq: 25 Apr 2024 23:45

Instrument :

BNA_N

ClientSampleId :

RMW-03B-31-042224

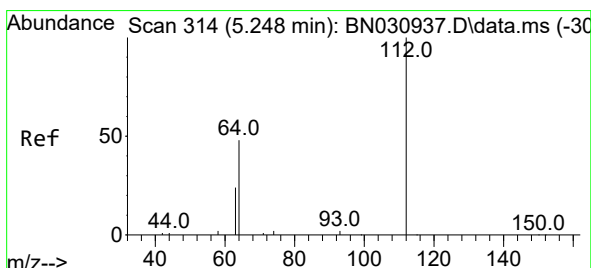
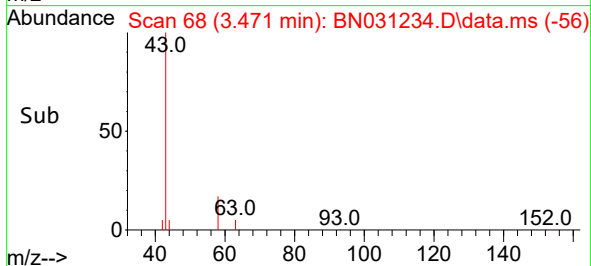
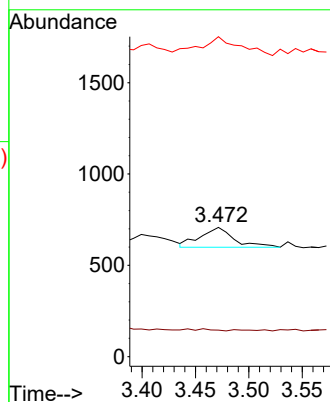
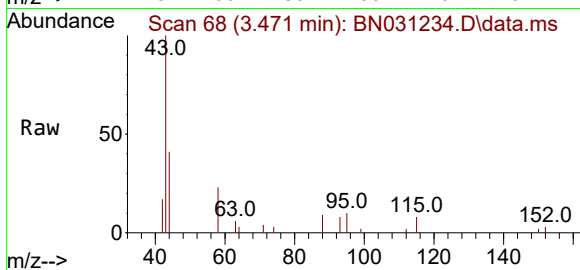
Tgt Ion: 42 Resp: 238

Ion Ratio Lower Upper

42 100

74 2.9 103.1 154.7#

44 111.3 7.0 10.6#



#4

2-Fluorophenol

Concen: 0.165 ng

RT: 5.226 min Scan# 311

Delta R.T. -0.000 min

Lab File: BN031234.D

Acq: 25 Apr 2024 23:45

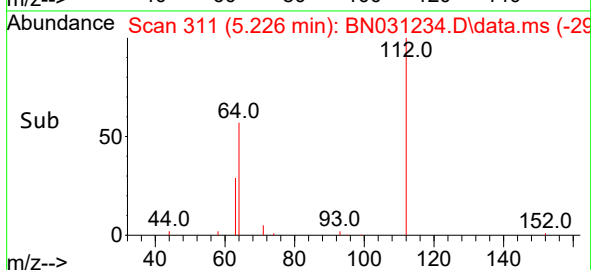
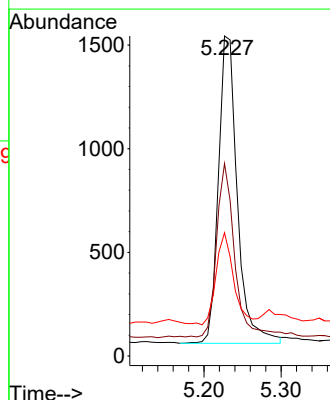
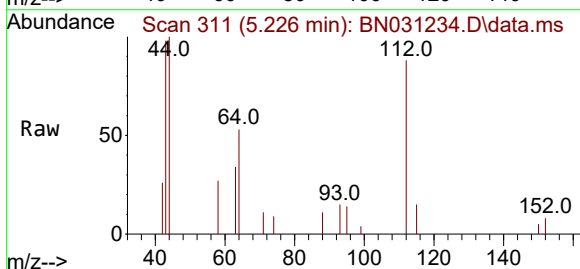
Tgt Ion: 112 Resp: 2533

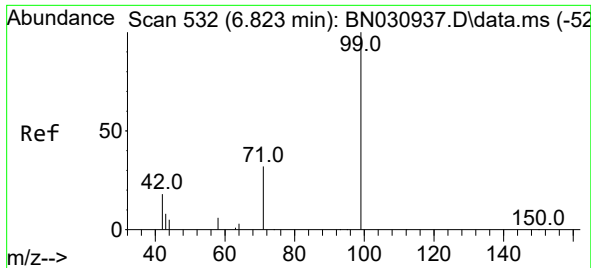
Ion Ratio Lower Upper

112 100

64 53.2 43.4 65.2

63 26.6 22.2 33.2

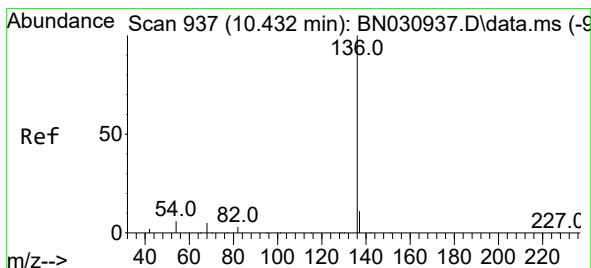
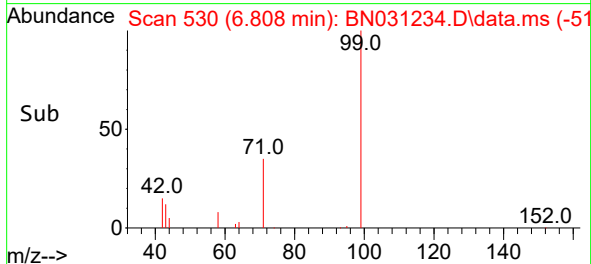
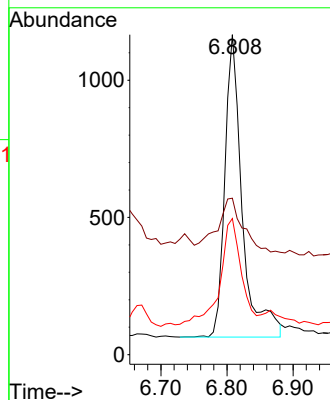
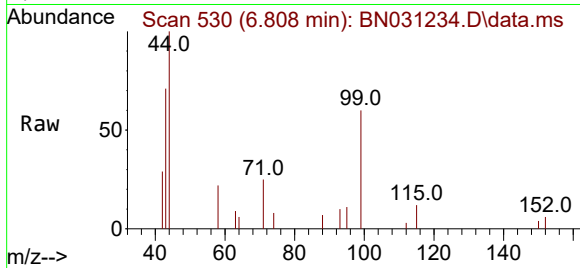




#5
Phenol-d6
Concen: 0.108 ng
RT: 6.808 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN031234.D
Acq: 25 Apr 2024 23:45

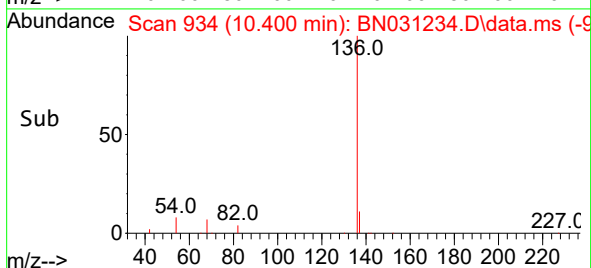
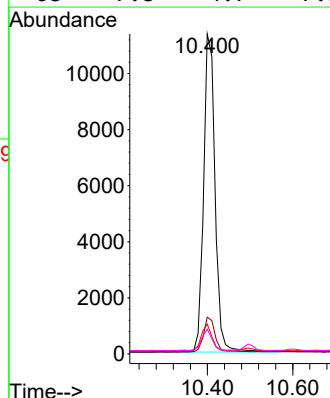
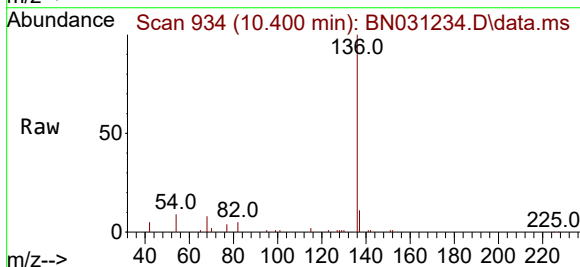
Instrument :
BNA_N
ClientSampleId :
RMW-03B-31-042224

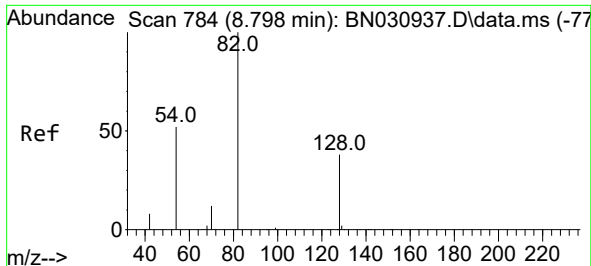
Tgt Ion: 99 Resp: 2011
Ion Ratio Lower Upper
99 100
42 26.7 16.4 24.6#
71 42.6 26.3 39.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.400 min Scan# 934
Delta R.T. -0.011 min
Lab File: BN031234.D
Acq: 25 Apr 2024 23:45

Tgt Ion: 136 Resp: 21112
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 9.3 5.3 7.9#
68 7.8 4.7 7.1#

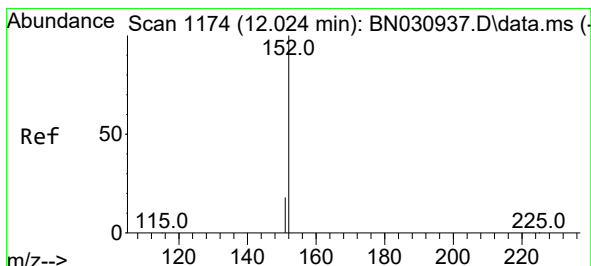
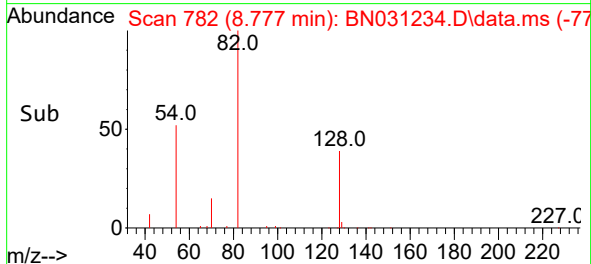
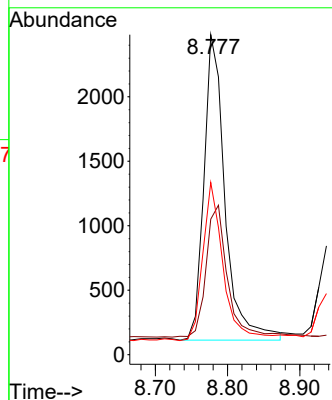
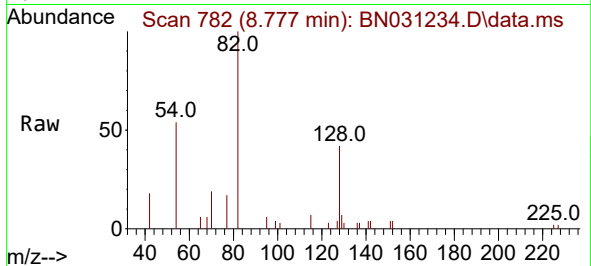




#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.777 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN031234.D
Acq: 25 Apr 2024 23:45

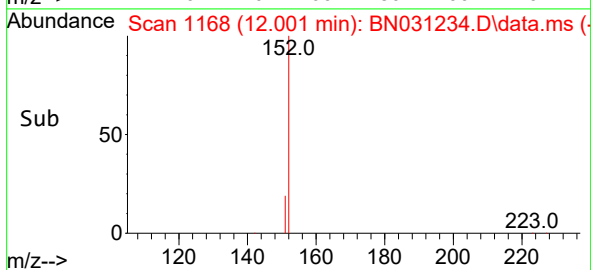
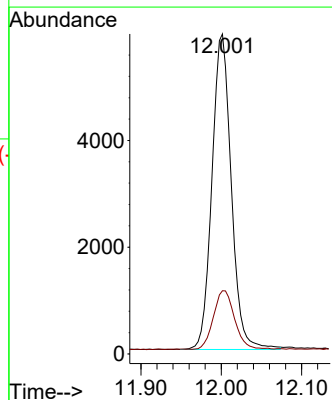
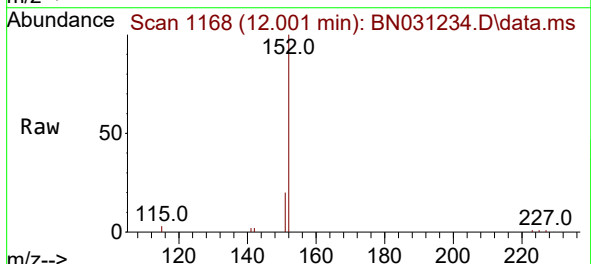
Instrument :
BNA_N
ClientSampleId :
RMW-03B-31-042224

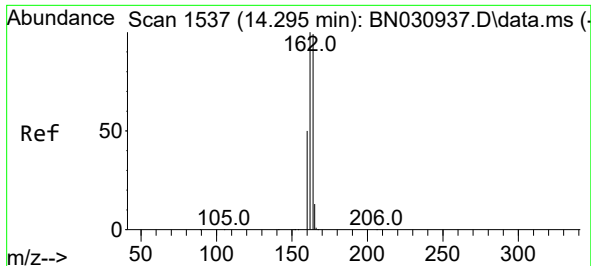
Tgt Ion: 82 Resp: 4818
Ion Ratio Lower Upper
82 100
128 42.3 33.7 50.5
54 53.8 43.7 65.5



#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.001 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN031234.D
Acq: 25 Apr 2024 23:45

Tgt Ion: 152 Resp: 9879
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1

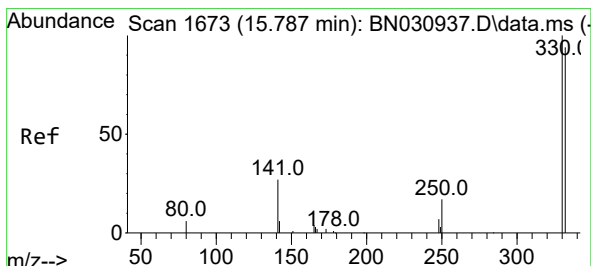
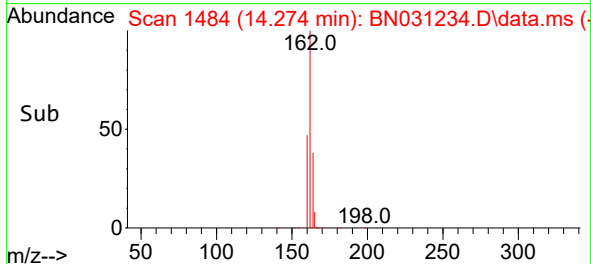
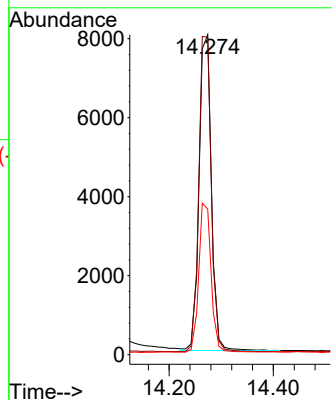
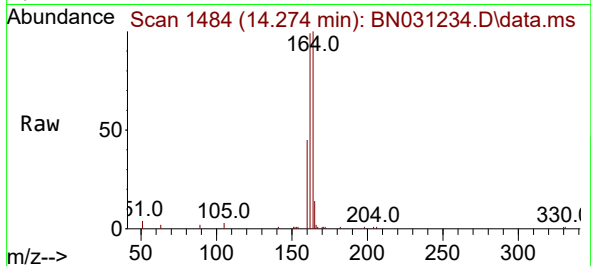




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN031234.D
Acq: 25 Apr 2024 23:45

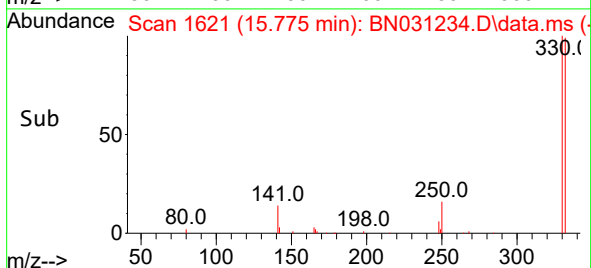
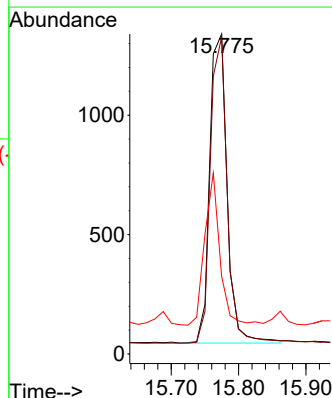
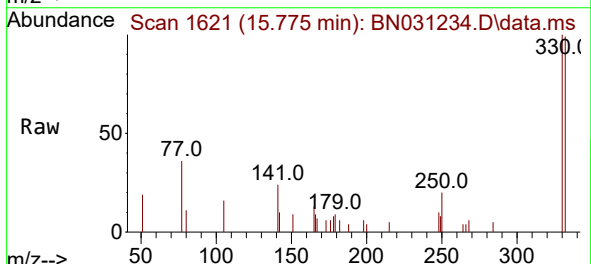
Instrument :
BNA_N
ClientSampleId :
RMW-03B-31-042224

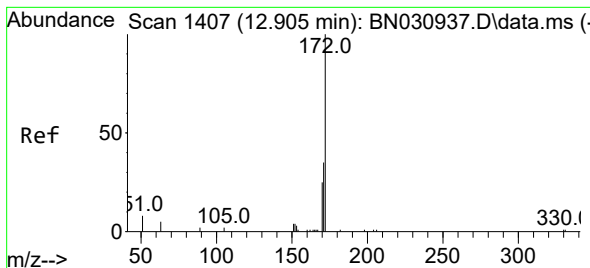
Tgt Ion:164 Resp: 13168
Ion Ratio Lower Upper
164 100
162 99.2 80.6 121.0
160 45.5 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.455 ng
RT: 15.775 min Scan# 1621
Delta R.T. -0.000 min
Lab File: BN031234.D
Acq: 25 Apr 2024 23:45

Tgt Ion:330 Resp: 2324
Ion Ratio Lower Upper
330 100
332 95.5 74.2 111.2
141 42.3 37.2 55.8





#15

2-Fluorobiphenyl

Concen: 0.330 ng

RT: 12.884 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN031234.D

Acq: 25 Apr 2024 23:45

Instrument :

BNA_N

ClientSampleId :

RMW-03B-31-042224

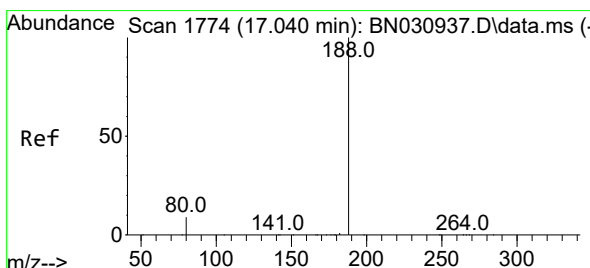
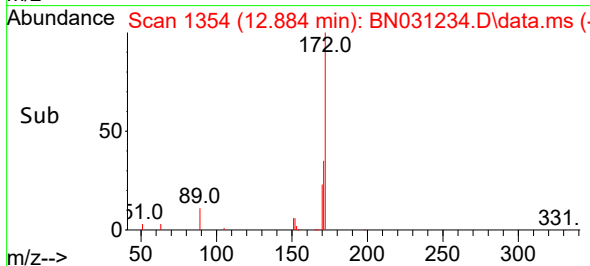
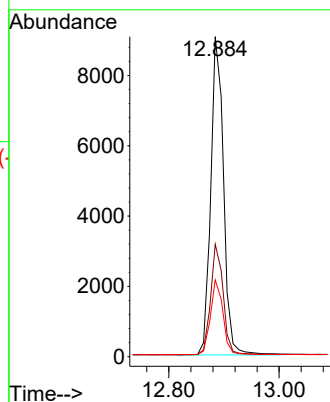
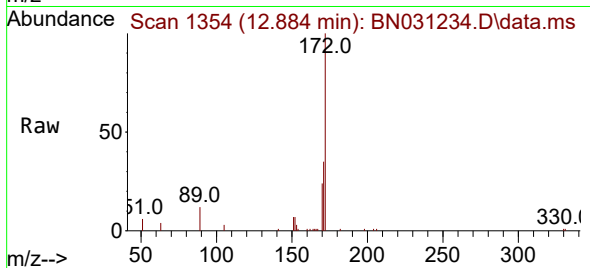
Tgt Ion:172 Resp: 14597

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 24.0 19.8 29.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.016 min Scan# 1721

Delta R.T. -0.013 min

Lab File: BN031234.D

Acq: 25 Apr 2024 23:45

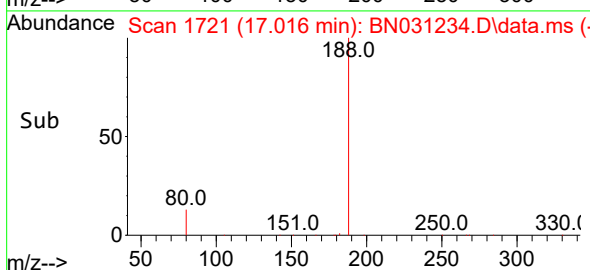
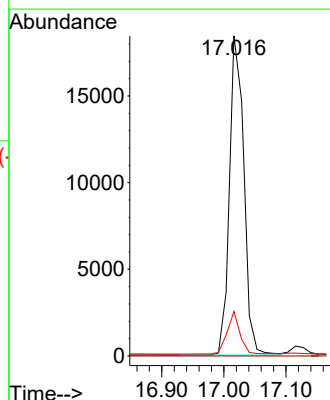
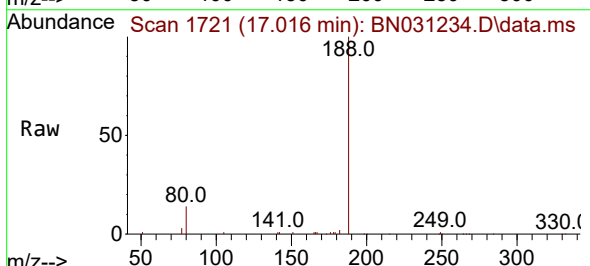
Tgt Ion:188 Resp: 29564

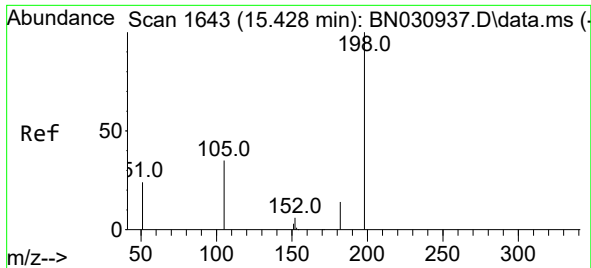
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 7.4 11.2#

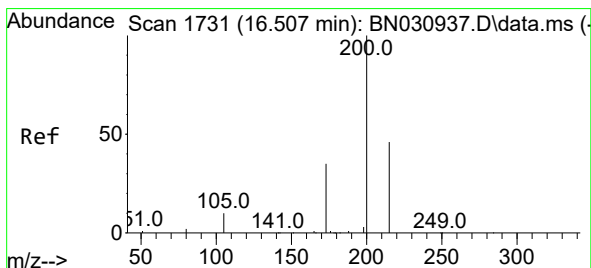
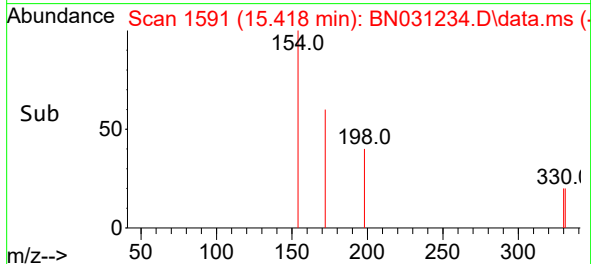
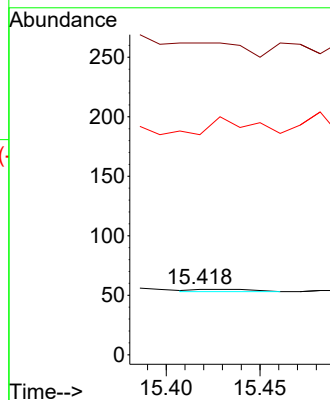
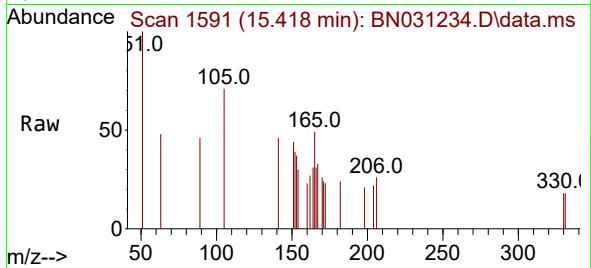




#20
4,6-Dinitro-2-methylphenol
Concen: 0.103 ng
RT: 15.418 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BN031234.D
Acq: 25 Apr 2024 23:45

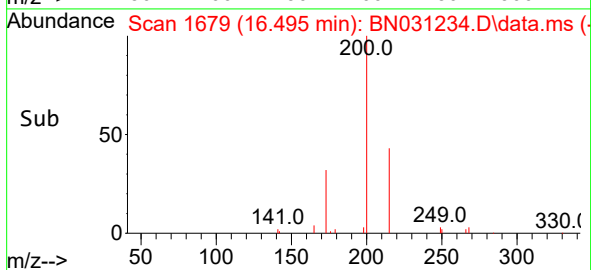
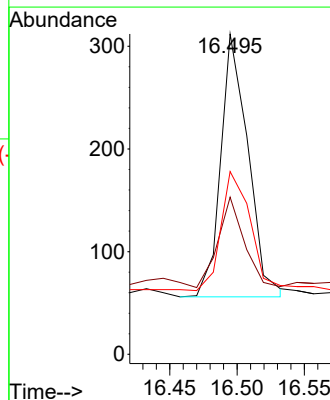
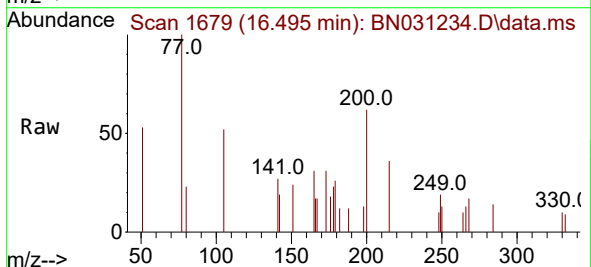
Instrument :
BNA_N
ClientSampleId :
RMW-03B-31-042224

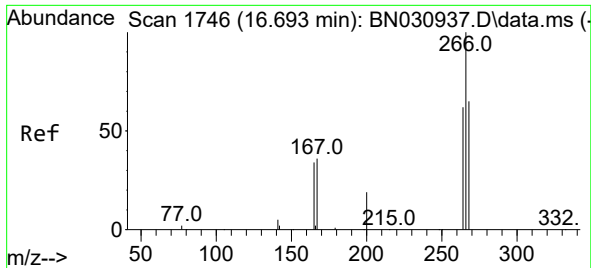
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 476.4 65.2 97.8#
105 336.4 41.0 61.4#



#23
Atrazine
Concen: 0.028 ng
RT: 16.495 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BN031234.D
Acq: 25 Apr 2024 23:45

Tgt Ion:200 Resp: 360
Ion Ratio Lower Upper
200 100
173 49.0 29.9 44.9#
215 57.1 38.7 58.1

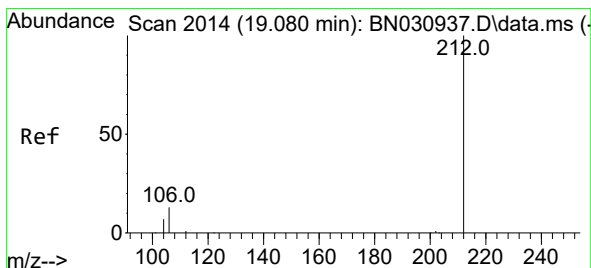
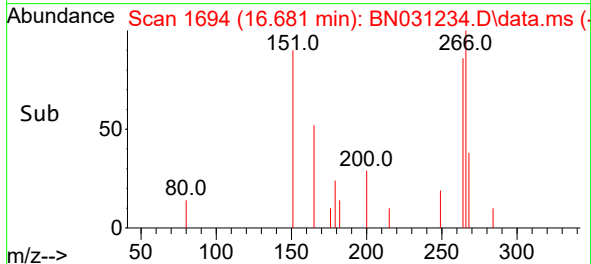
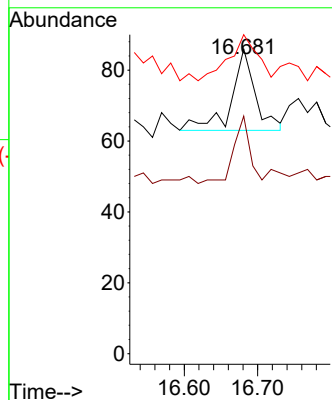
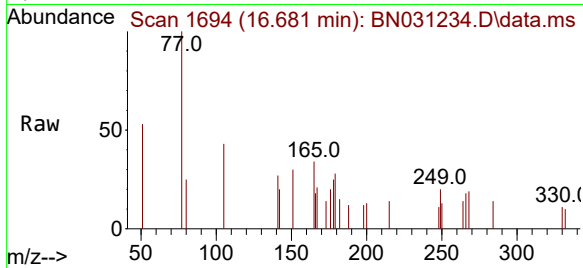




#24
 Pentachlorophenol
 Concen: 0.133 ng
 RT: 16.681 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BN031234.D
 Acq: 25 Apr 2024 23:45

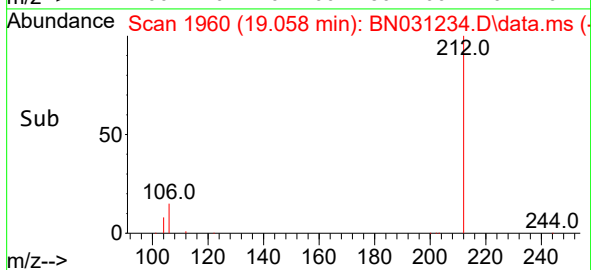
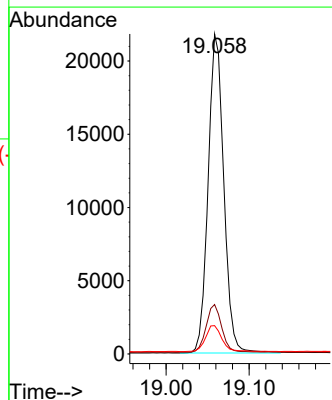
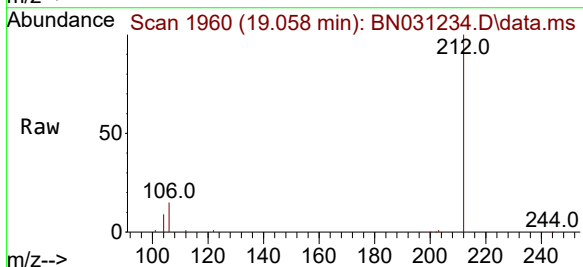
Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-31-042224

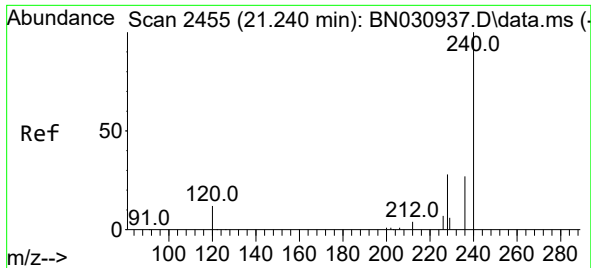
Tgt Ion:266 Resp: 52
 Ion Ratio Lower Upper
 266 100
 264 46.2 50.2 75.2#
 268 67.3 52.3 78.5



#27
 Fluoranthene-d10
 Concen: 0.360 ng
 RT: 19.058 min Scan# 1960
 Delta R.T. -0.009 min
 Lab File: BN031234.D
 Acq: 25 Apr 2024 23:45

Tgt Ion:212 Resp: 28649
 Ion Ratio Lower Upper
 212 100
 106 15.0 12.0 18.0
 104 8.4 6.7 10.1

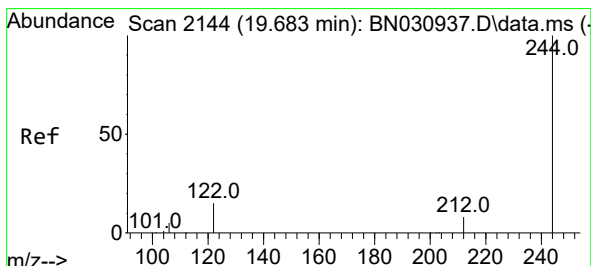
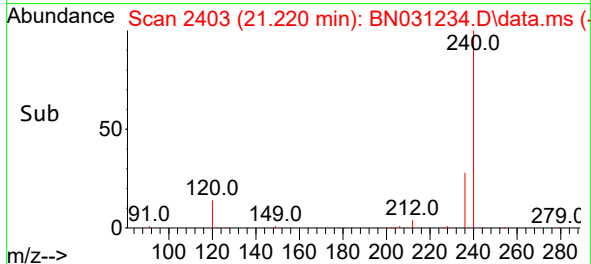
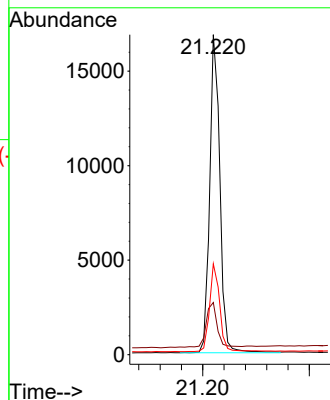
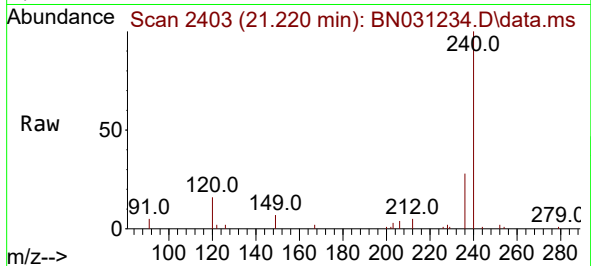




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.220 min Scan# 2455
Delta R.T. -0.018 min
Lab File: BN031234.D
Acq: 25 Apr 2024 23:45

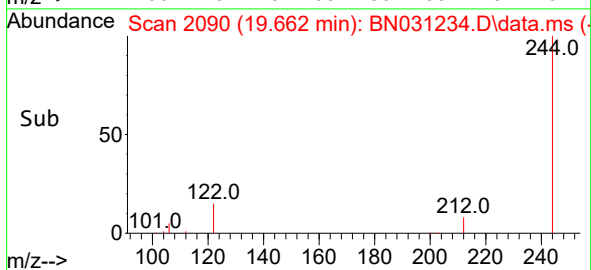
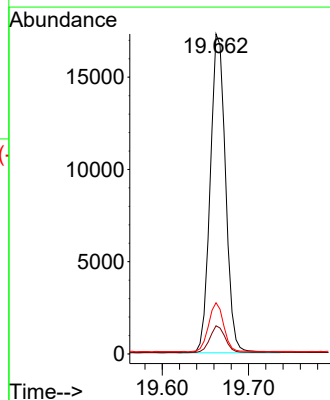
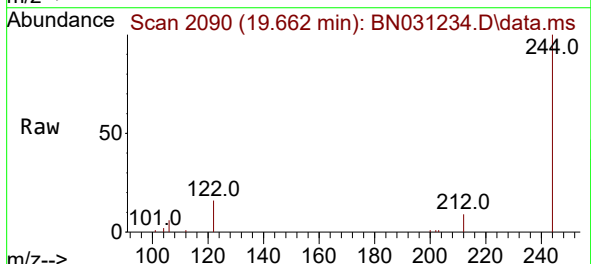
Instrument :
BNA_N
ClientSampleId :
RMW-03B-31-042224

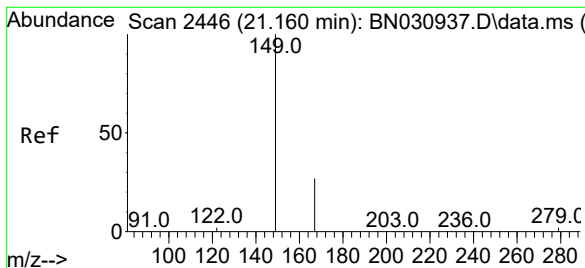
Tgt Ion:240 Resp: 22155
Ion Ratio Lower Upper
240 100
120 16.3 11.0 16.4
236 28.4 22.3 33.5



#31
Terphenyl-d14
Concen: 0.416 ng
RT: 19.662 min Scan# 2090
Delta R.T. -0.009 min
Lab File: BN031234.D
Acq: 25 Apr 2024 23:45

Tgt Ion:244 Resp: 21377
Ion Ratio Lower Upper
244 100
212 8.8 7.2 10.8
122 16.0 12.7 19.1

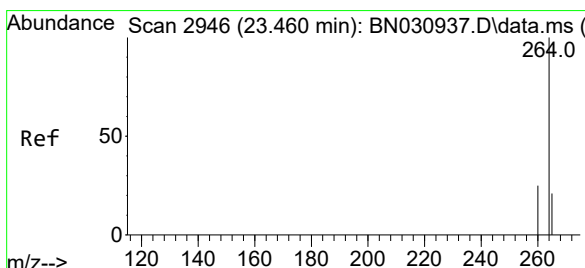
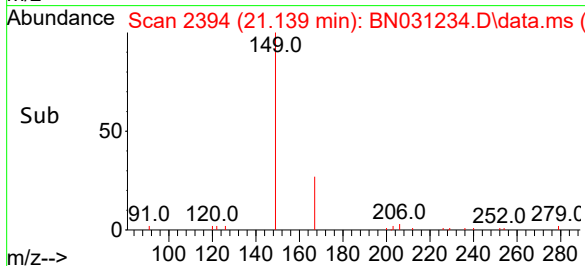
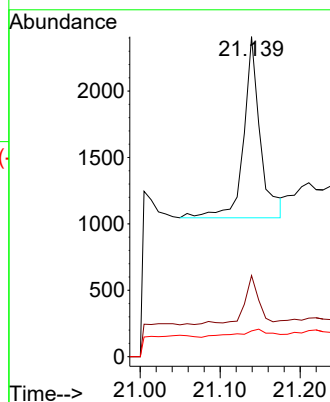
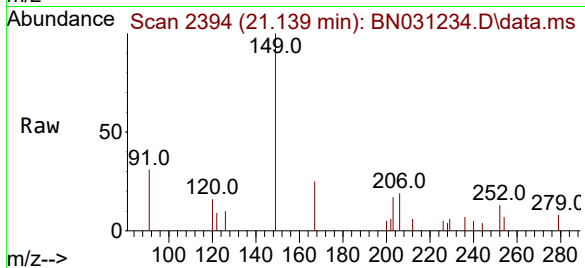




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng
 RT: 21.139 min Scan# 2113
 Delta R.T. -0.009 min
 Lab File: BN031234.D
 Acq: 25 Apr 2024 23:45

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-31-042224

Tgt Ion:149 Resp: 1970
 Ion Ratio Lower Upper
 149 100
 167 20.4 21.0 31.4#
 279 8.4 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.434 min Scan# 2886
 Delta R.T. -0.021 min
 Lab File: BN031234.D
 Acq: 25 Apr 2024 23:45

Tgt Ion:264 Resp: 20380
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.6 31.0
 265 57.8 53.3 79.9

