

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025670.D
 Acq On : 28 May 2023 07:19
 Operator : CG/JU
 Sample : 02911-16
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D1-20230522

Quant Time: May 29 01:14:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

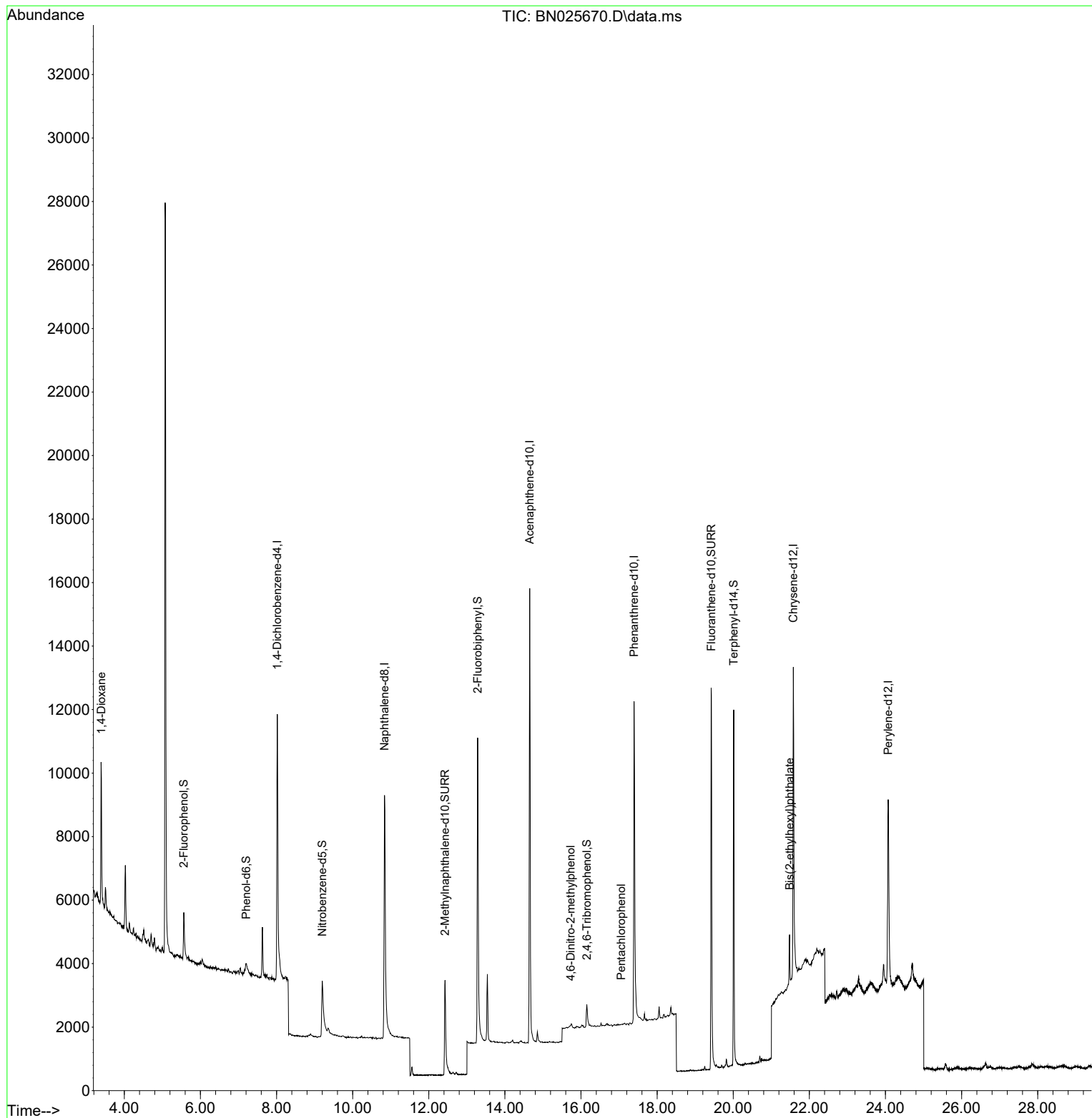
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5430	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	14568	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	8698	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	17783	0.400	ng	0.00
29) Chrysene-d12	21.578	240	11449	0.400	ng	0.00
35) Perylene-d12	24.072	264	10320	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1670	0.120	ng	0.00
5) Phenol-d6	7.203	99	882	0.053	ng	0.03
8) Nitrobenzene-d5	9.202	82	3128	0.256	ng	0.01
11) 2-Methylnaphthalene-d10	12.426	152	6166	0.297	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	596	0.339	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	10768	0.300	ng	0.00
27) Fluoranthene-d10	19.425	212	15580	0.387	ng	0.00
31) Terphenyl-d14	20.011	244	11559	0.461	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	2930	0.466	ng	Qvalue 97
20) 4,6-Dinitro-2-methylph...	15.730	198	72	0.144	ng	# 63
24) Pentachlorophenol	17.058	266	8	0.372	ng	# 27
34) Bis(2-ethylhexyl)phtha...	21.480	149	1968	0.076	ng	# 95

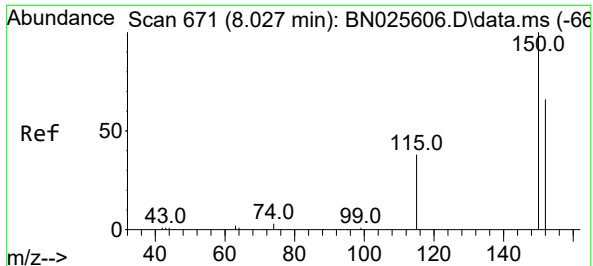
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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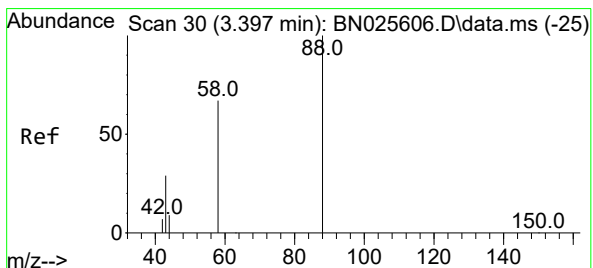
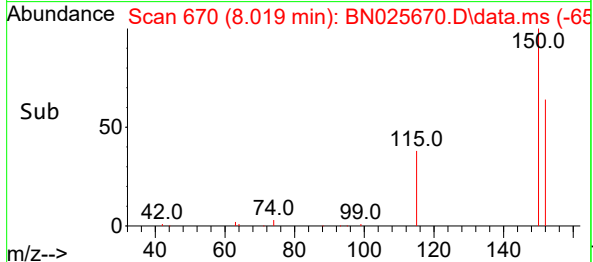
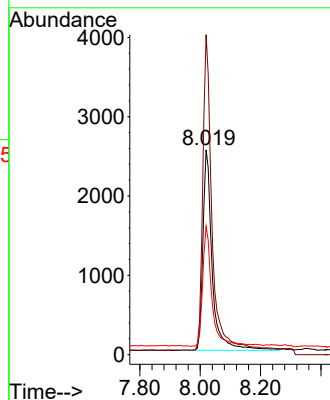
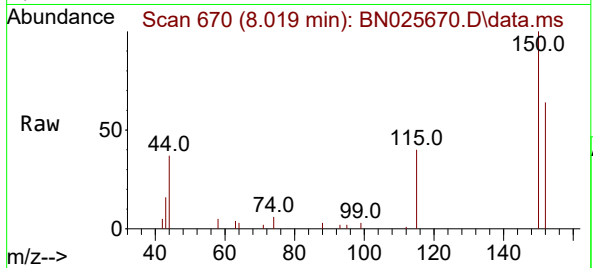




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025670.D
Acq: 28 May 2023 07:19

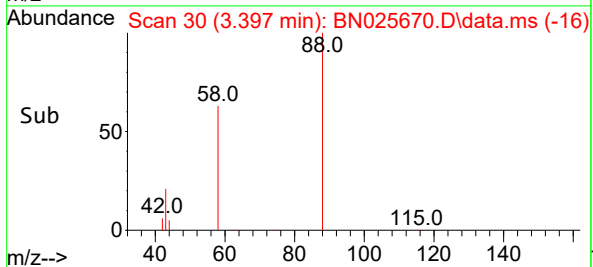
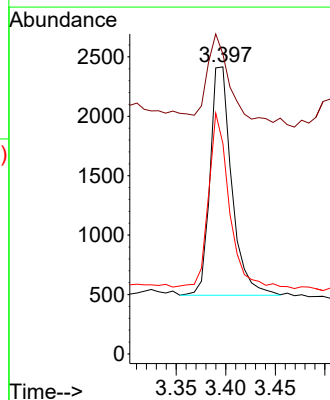
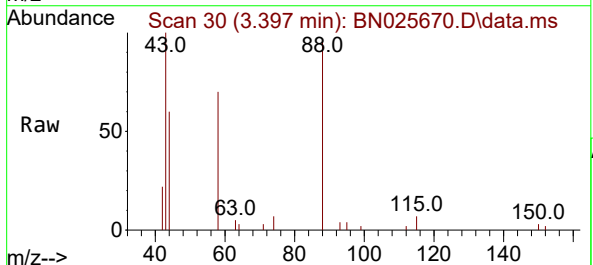
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D1-20230522

Tgt Ion:152 Resp: 5430
Ion Ratio Lower Upper
152 100
150 156.3 121.0 181.6
115 62.7 48.5 72.7



#2
1,4-Dioxane
Concen: 0.466 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025670.D
Acq: 28 May 2023 07:19

Tgt Ion: 88 Resp: 2930
Ion Ratio Lower Upper
88 100
43 38.5 26.5 39.7
58 71.1 56.8 85.2

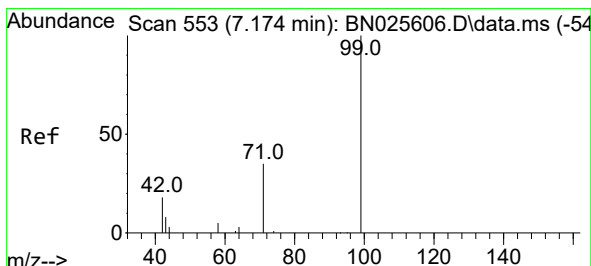
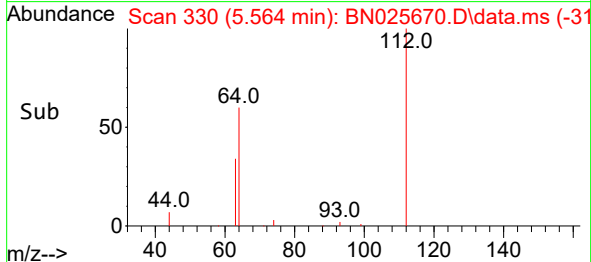
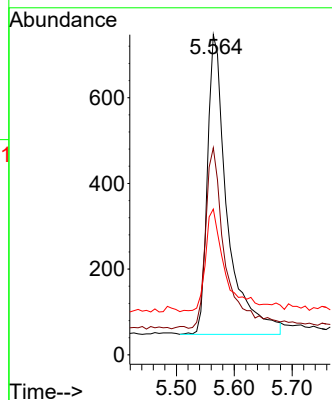
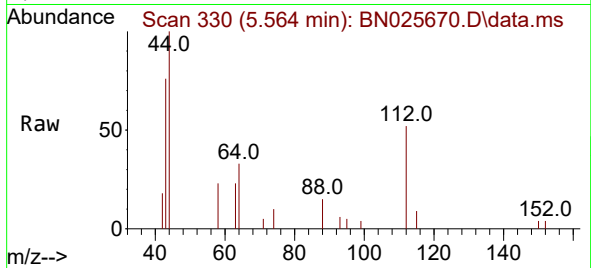




#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN025670.D
Acq: 28 May 2023 07:19

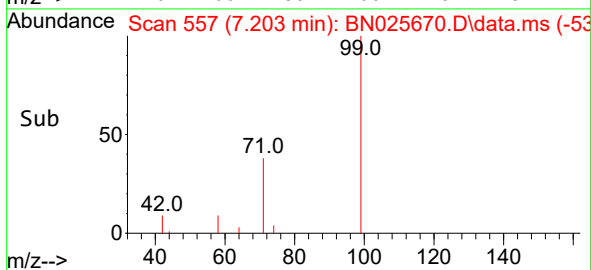
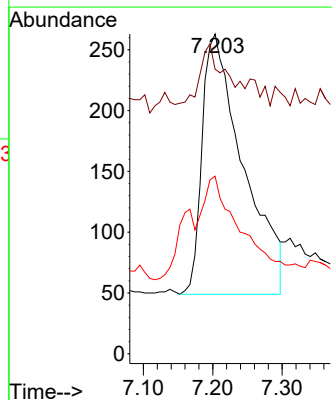
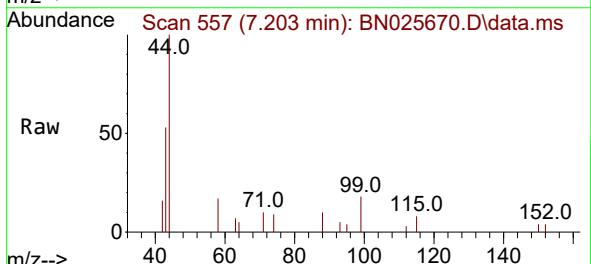
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BNA_N
ClientSampleId :
RW9-MW01D1-20230522

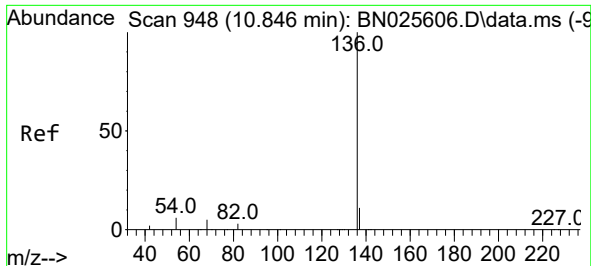
Tgt Ion:112 Resp: 1670
Ion Ratio Lower Upper
112 100
64 59.8 45.7 68.5
63 32.6 26.2 39.2



#5
Phenol-d6
Concen: 0.053 ng
RT: 7.203 min Scan# 557
Delta R.T. 0.029 min
Lab File: BN025670.D
Acq: 28 May 2023 07:19

Tgt Ion: 99 Resp: 882
Ion Ratio Lower Upper
99 100
42 14.9 17.1 25.7#
71 28.2 29.3 43.9#

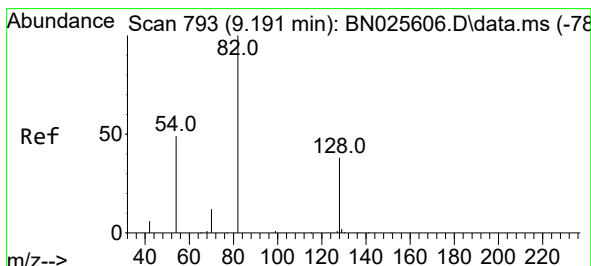
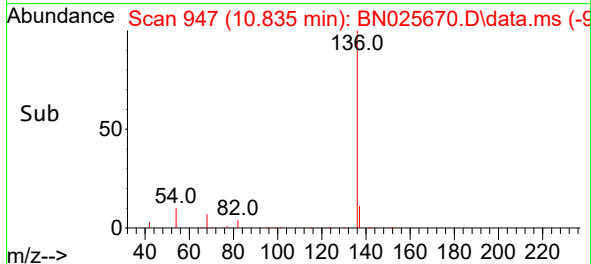
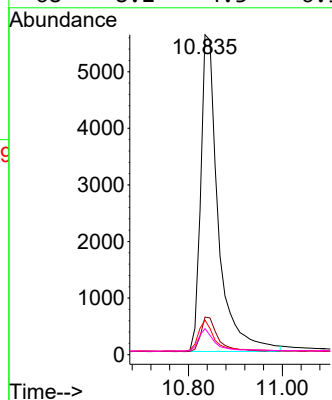
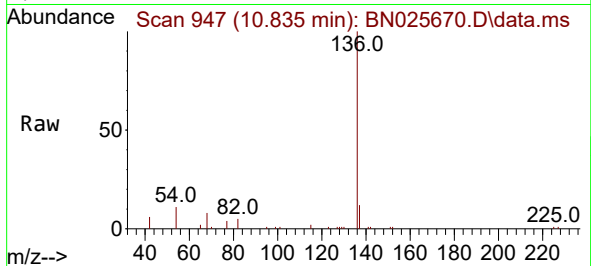




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025670.D
Acq: 28 May 2023 07:19

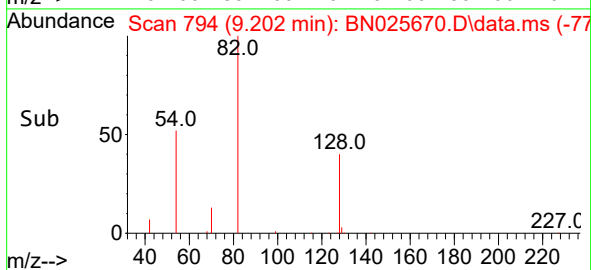
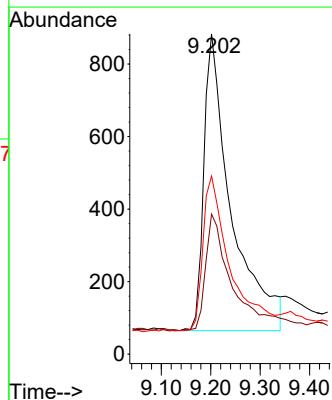
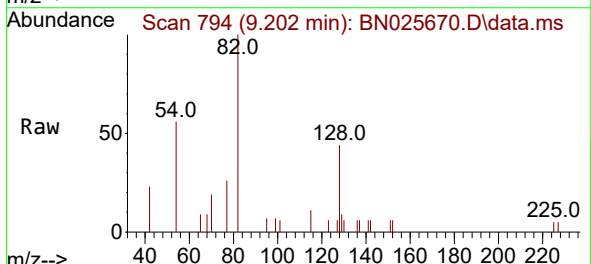
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D1-20230522

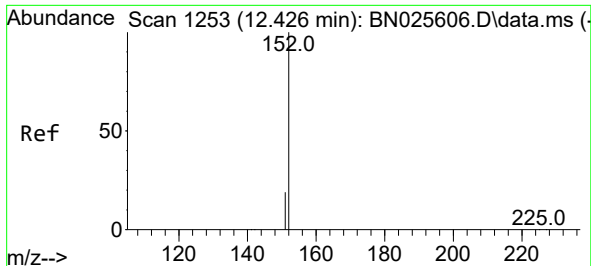
Tgt Ion:	136	Resp:	14568
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.1	13.7
54	10.8	5.4	8.0#
68	8.2	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025670.D
Acq: 28 May 2023 07:19

Tgt Ion:	82	Resp:	3128
Ion Ratio	Lower	Upper	
82	100		
128	43.7	32.5	48.7
54	55.6	40.6	60.8

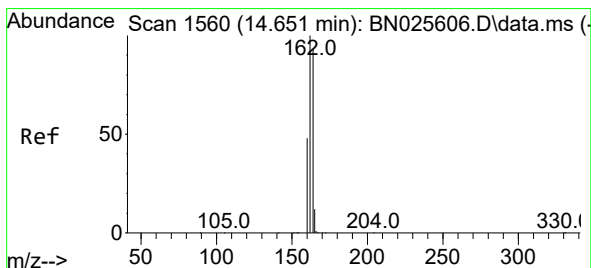
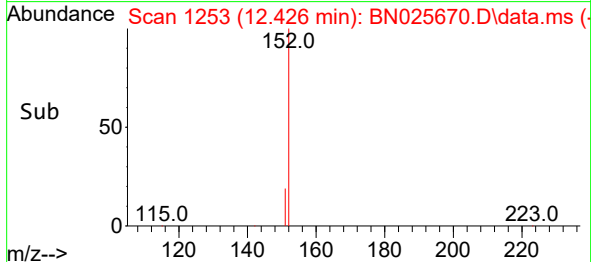
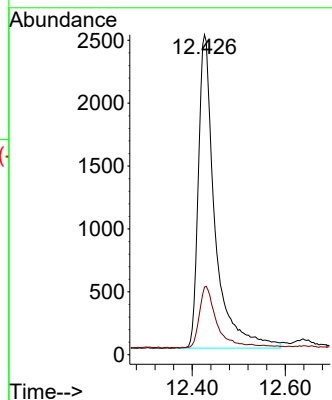
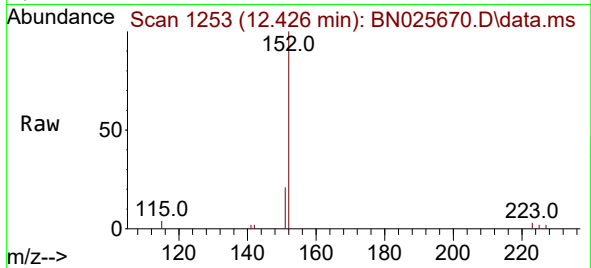




#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.426 min Scan# 1253
Delta R.T. 0.004 min
Lab File: BN025670.D
Acq: 28 May 2023 07:19

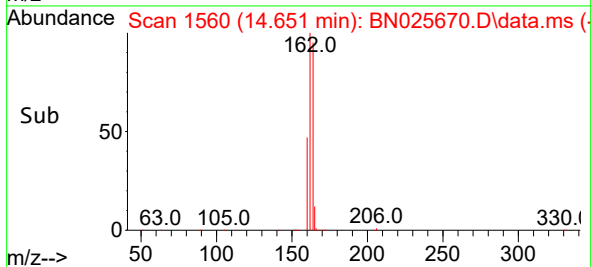
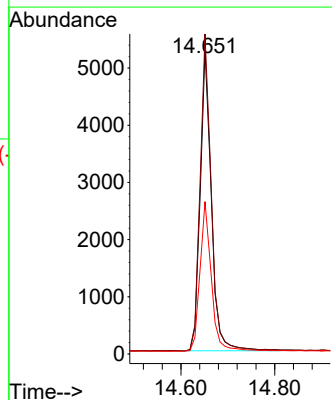
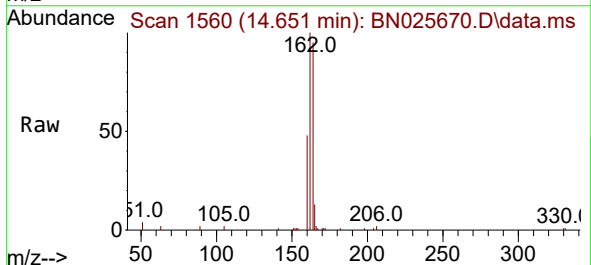
Instrument :
BNA_N
ClientSampleId :
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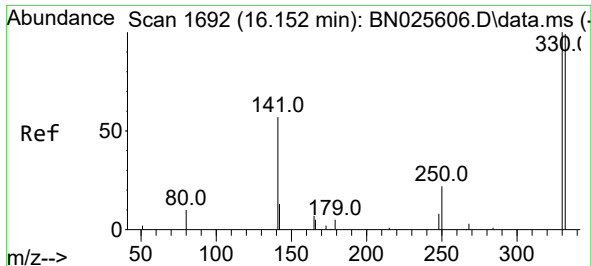
Tgt Ion:152 Resp: 6166
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025670.D
Acq: 28 May 2023 07:19

Tgt Ion:164 Resp: 8698
Ion Ratio Lower Upper
164 100
162 105.4 86.4 129.6
160 50.2 41.9 62.9

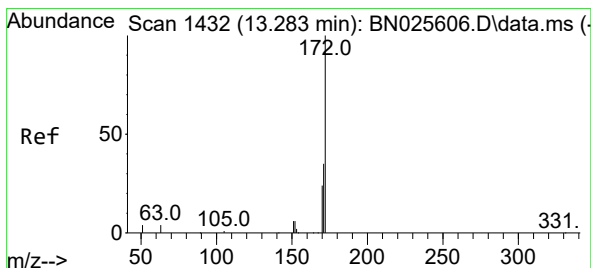
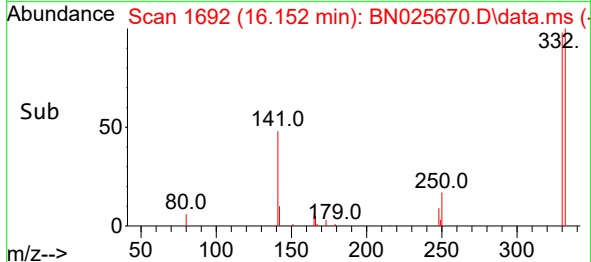
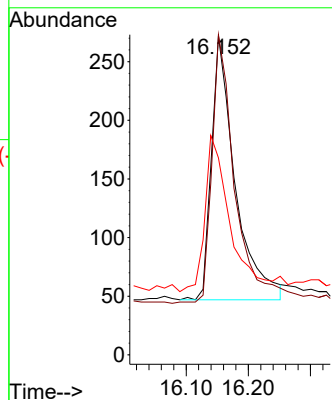
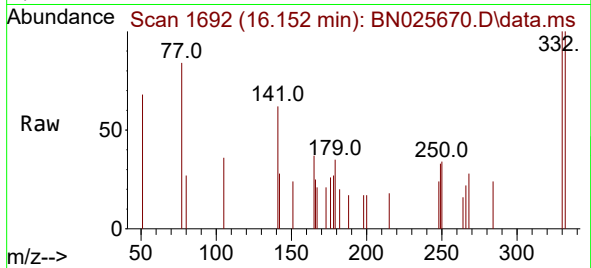




#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025670.D
Acq: 28 May 2023 07:19

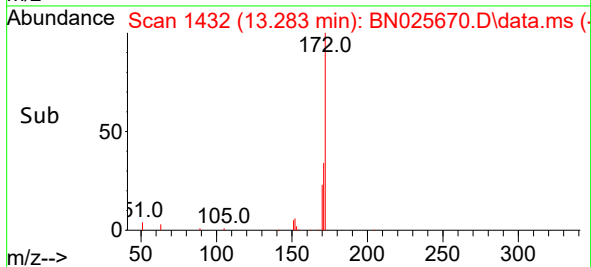
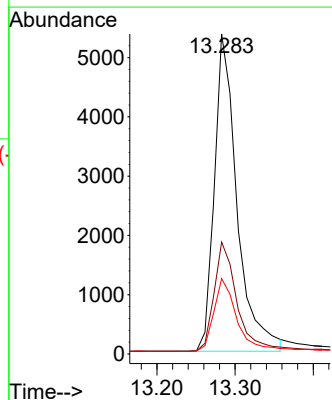
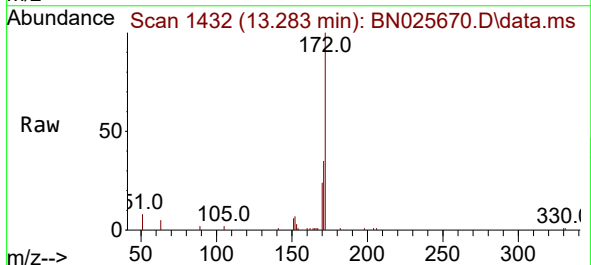
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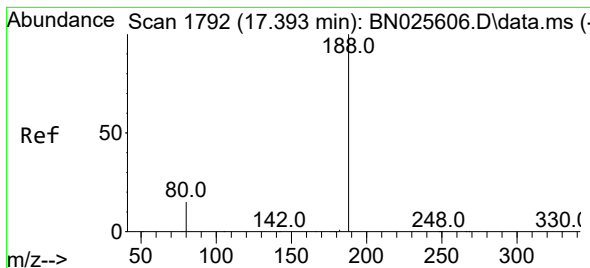
Tgt Ion: 330 Resp: 596
Ion Ratio Lower Upper
330 100
332 98.3 80.0 120.0
141 61.7 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025670.D
Acq: 28 May 2023 07:19

Tgt Ion: 172 Resp: 10768
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.6 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN025670.D

Acq: 28 May 2023 07:19

Instrument :

BNA_N

ClientSampleId :

RW9-MW01D1-20230522

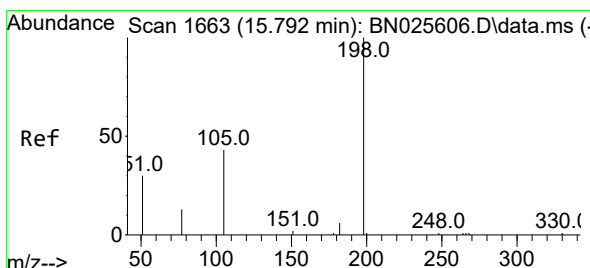
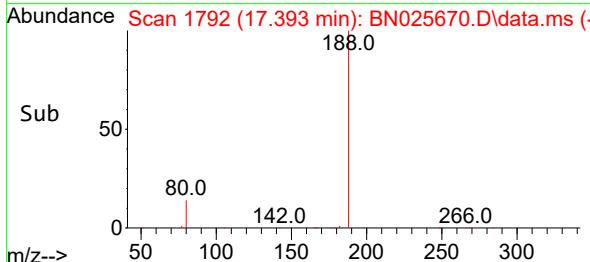
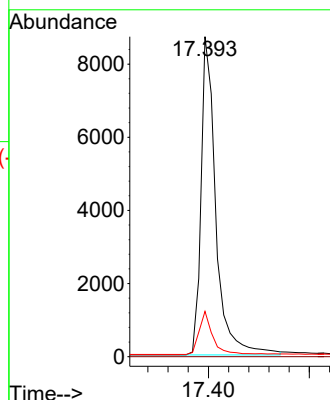
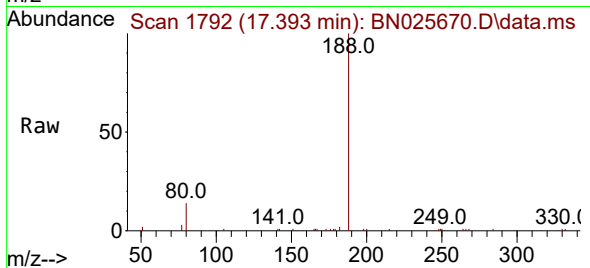
Tgt Ion:188 Resp: 17783

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.1 12.2 18.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.144 ng

RT: 15.730 min Scan# 1658

Delta R.T. -0.062 min

Lab File: BN025670.D

Acq: 28 May 2023 07:19

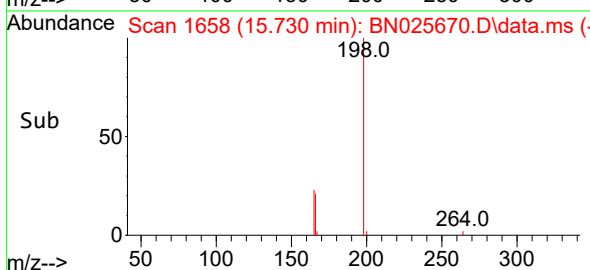
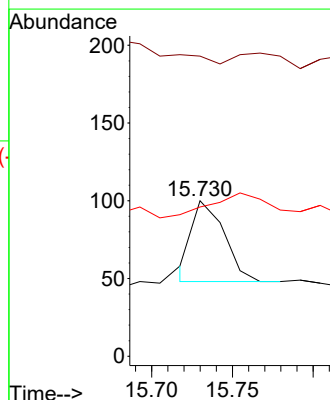
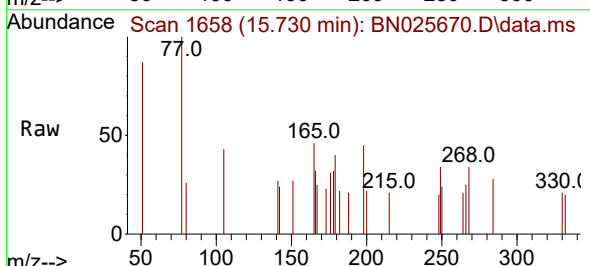
Tgt Ion:198 Resp: 72

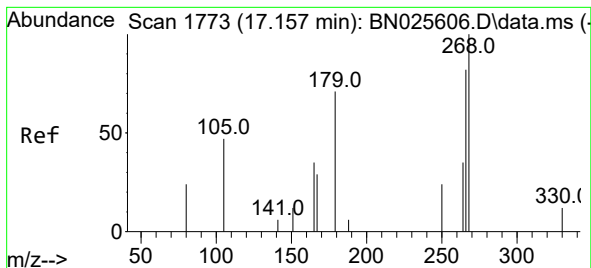
Ion Ratio Lower Upper

198 100

51 193.0 110.8 166.2#

105 96.0 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.372 ng

RT: 17.058 min Scan# 1765

Delta R.T. -0.013 min

Lab File: BN025670.D

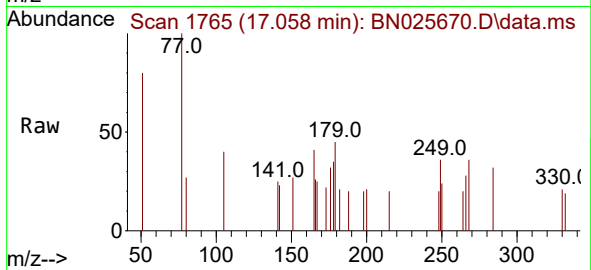
Acq: 28 May 2023 07:19

Instrument :

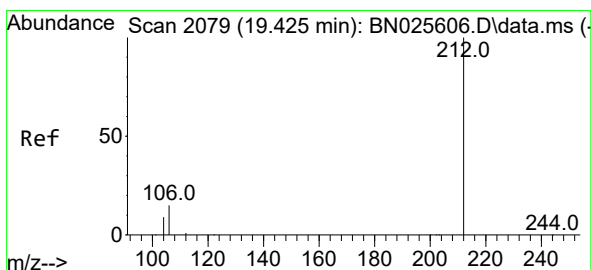
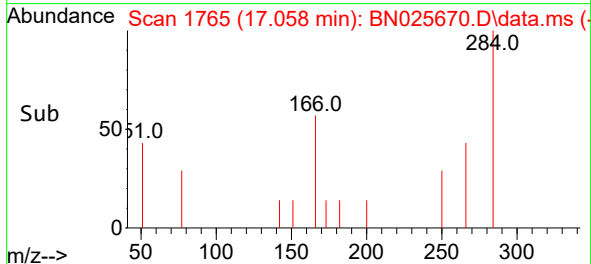
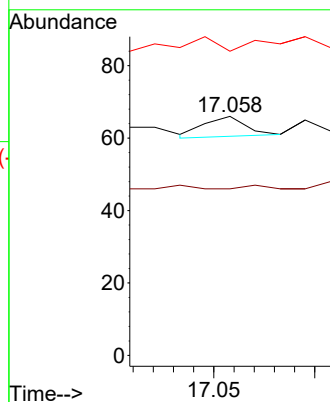
BNA_N

ClientSampleId :

RW9-MW01D1-20230522



Tgt Ion:	266	Resp:	8
Ion Ratio	Lower	Upper	
266	100		
264	12.5	60.0	90.0#
268	0.0	0.0	0.0



#27

Fluoranthene-d10

Concen: 0.387 ng

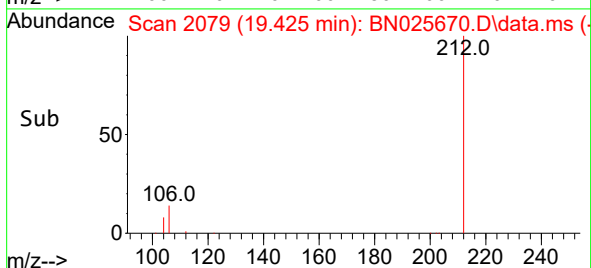
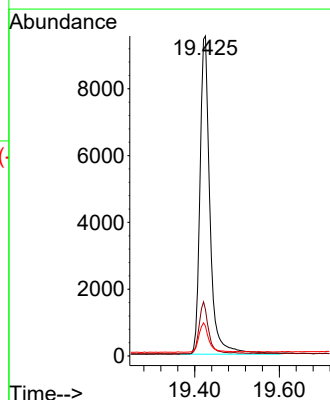
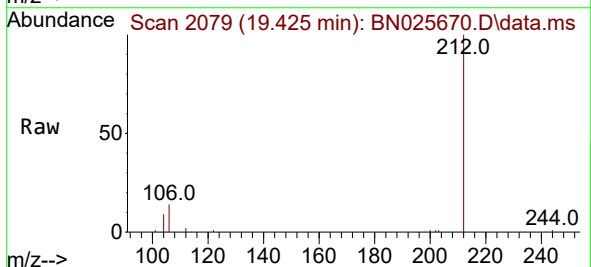
RT: 19.425 min Scan# 2079

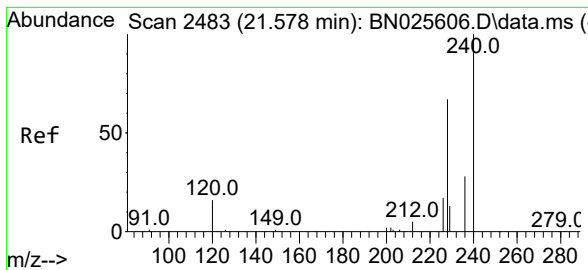
Delta R.T. 0.005 min

Lab File: BN025670.D

Acq: 28 May 2023 07:19

Tgt Ion:	212	Resp:	15580
Ion Ratio	Lower	Upper	
212	100		
106	15.2	12.3	18.5
104	9.1	7.2	10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.578 min Scan# 2483

Delta R.T. -0.000 min

Lab File: BN025670.D

Acq: 28 May 2023 07:19

Instrument :

BNA_N

ClientSampleId :

RW9-MW01D1-20230522

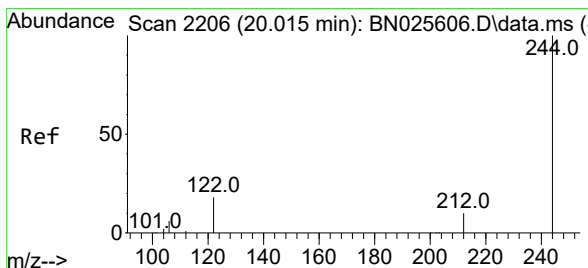
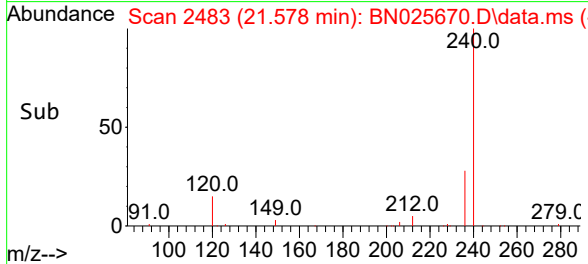
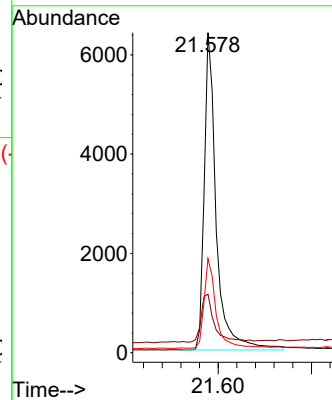
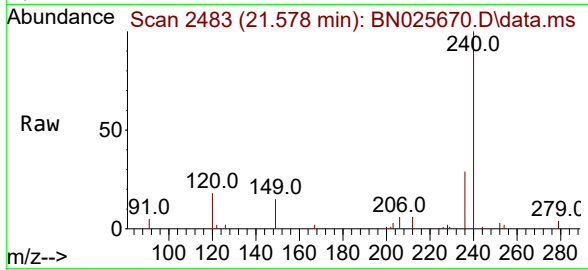
Tgt Ion:240 Resp: 11449

Ion Ratio Lower Upper

240 100

120 18.3 15.4 23.0

236 29.4 23.2 34.8



#31

Terphenyl-d14

Concen: 0.461 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025670.D

Acq: 28 May 2023 07:19

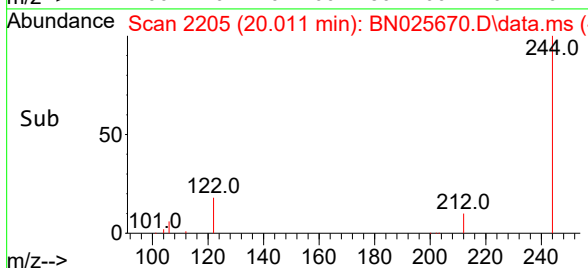
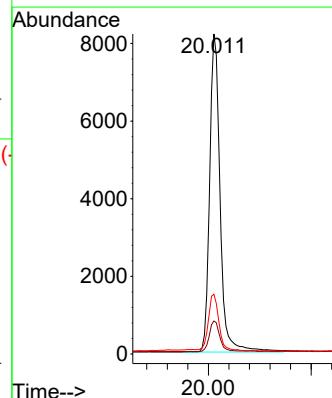
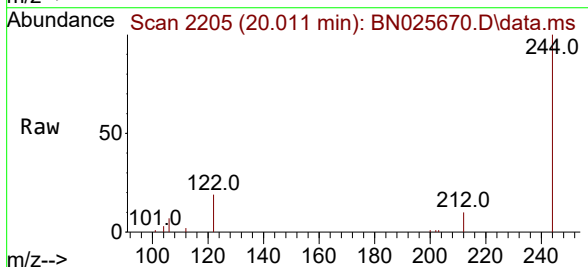
Tgt Ion:244 Resp: 11559

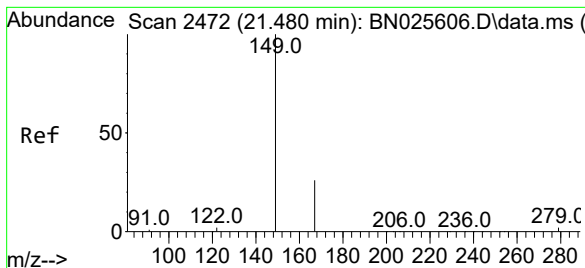
Ion Ratio Lower Upper

244 100

212 10.3 8.5 12.7

122 18.6 14.9 22.3

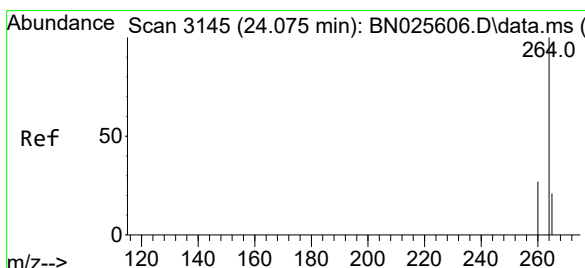
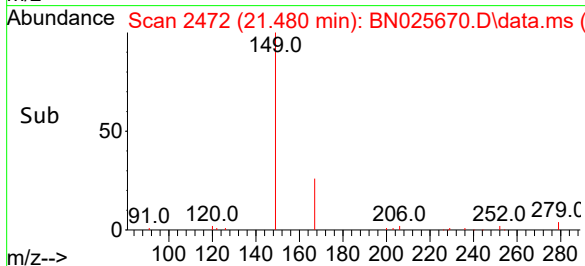
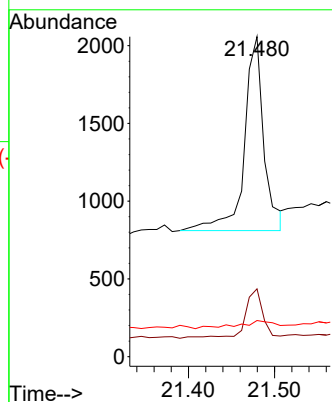
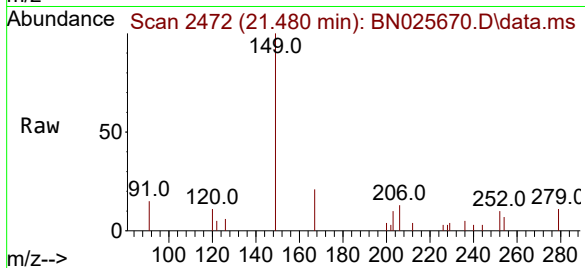




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.076 ng
 RT: 21.480 min Scan# 2472
 Delta R.T. 0.009 min
 Lab File: BN025670.D
 Acq: 28 May 2023 07:19

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D1-20230522

Tgt Ion:149 Resp: 1968
 Ion Ratio Lower Upper
 149 100
 167 23.3 20.4 30.6
 279 8.3 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.072 min Scan# 3144
 Delta R.T. 0.003 min
 Lab File: BN025670.D
 Acq: 28 May 2023 07:19

Tgt Ion:264 Resp: 10320
 Ion Ratio Lower Upper
 264 100
 260 26.8 22.3 33.5
 265 60.4 54.3 81.5

