

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042524\
 Data File : BN031224.D
 Acq On : 25 Apr 2024 17:42
 Operator : MA/JU
 Sample : P2093-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-01B-53-041124

Quant Time: Apr 25 18:07:37 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)

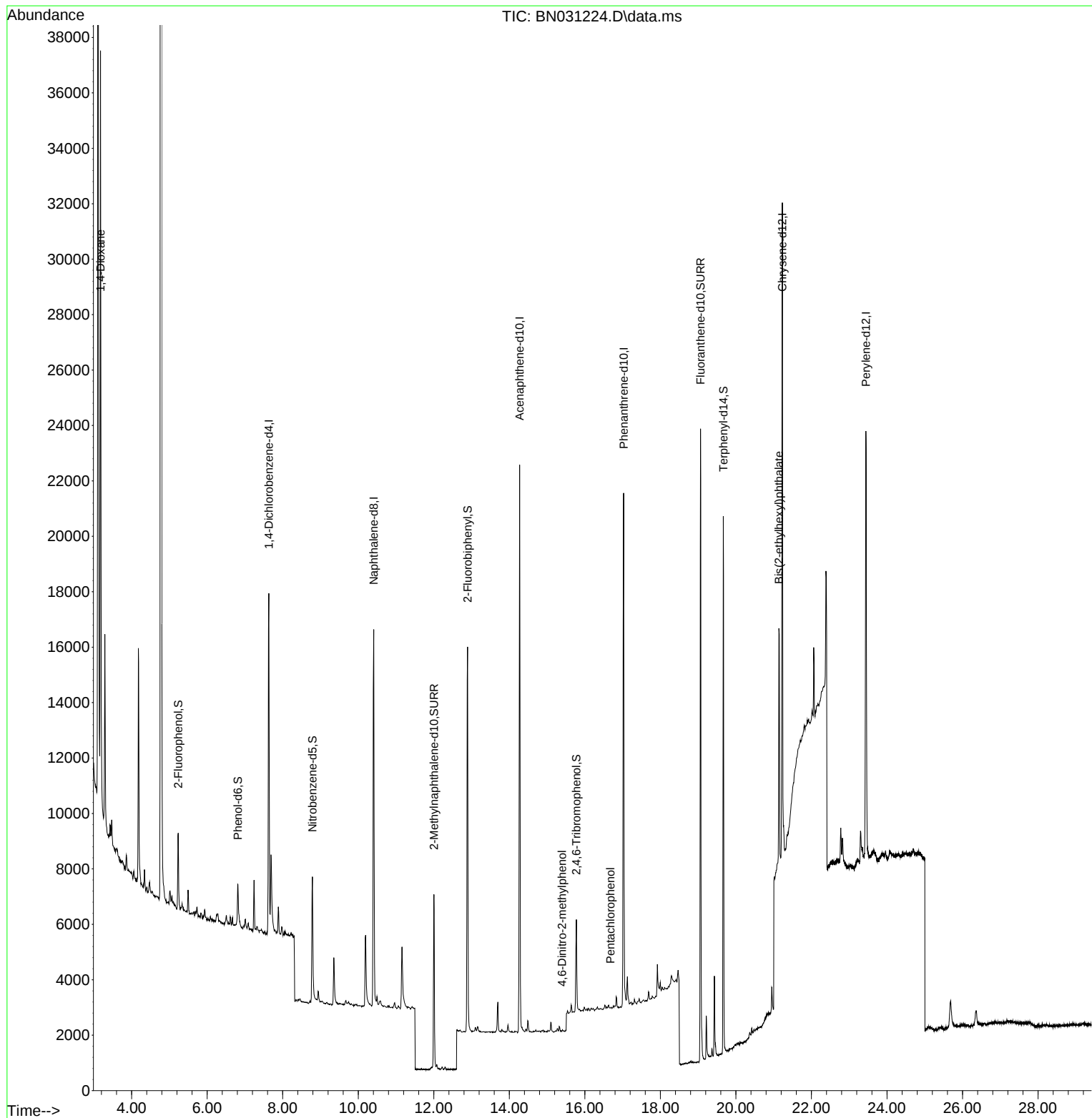
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.631	152	6265	0.400	ng	0.00
7) Naphthalene-d8	10.410	136	18989	0.400	ng	0.00
13) Acenaphthene-d10	14.274	164	11359	0.400	ng	0.00
19) Phenanthrene-d10	17.028	188	26237	0.400	ng	0.00
29) Chrysene-d12	21.229	240	21547	0.400	ng	0.00
35) Perylene-d12	23.443	264	20031	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.234	112	2405	0.172	ng	0.00
5) Phenol-d6	6.815	99	1813	0.107	ng	0.00
8) Nitrobenzene-d5	8.787	82	4460	0.339	ng	0.01
11) 2-Methylnaphthalene-d10	12.005	152	8985	0.307	ng	0.00
14) 2,4,6-Tribromophenol	15.775	330	1930	0.438	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	13490	0.353	ng	0.00
27) Fluoranthene-d10	19.063	212	24586	0.348	ng	0.00
31) Terphenyl-d14	19.667	244	18398	0.368	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.175	88	16918	2.197	ng	Qvalue 97
20) 4,6-Dinitro-2-methylph...	15.397	198	18	0.106	ng	# 1
24) Pentachlorophenol	16.681	266	39	0.132	ng	# 62
34) Bis(2-ethylhexyl)phtha...	21.139	149	9056	0.263	ng	98

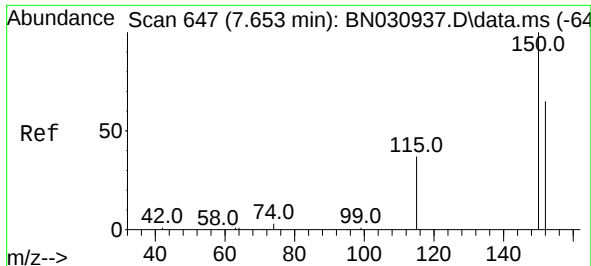
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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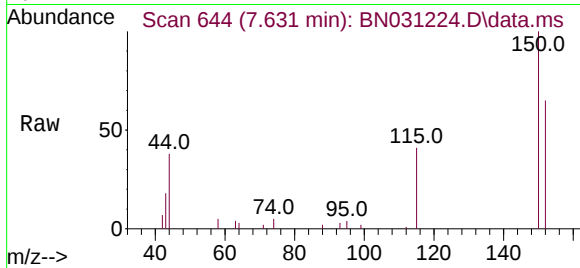
Quant Time: Apr 25 18:07:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 25 18:00:27 2024
Response via : Initial Calibration



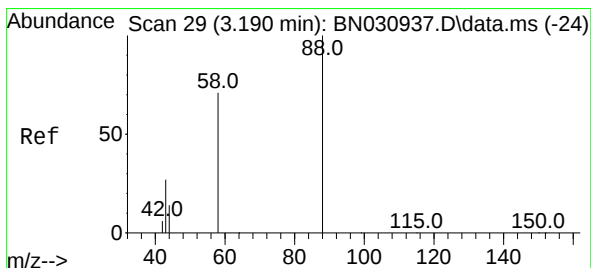
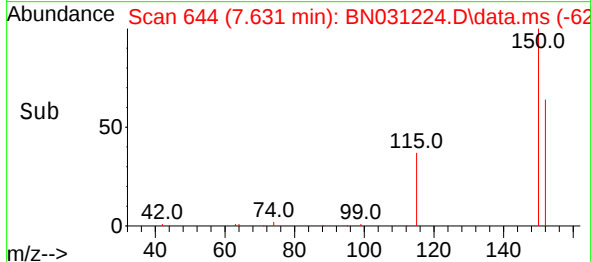
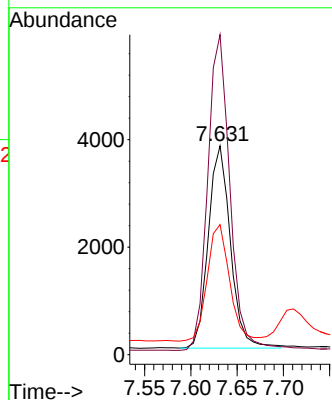


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.631 min Scan# 64
 Delta R.T. 0.007 min
 Lab File: BN031224.D
 Acq: 25 Apr 2024 17:42

Instrument :
 BNA_N
 ClientSampleId :
 RMW-01B-53-041124

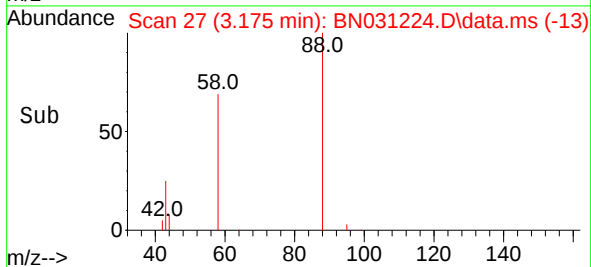
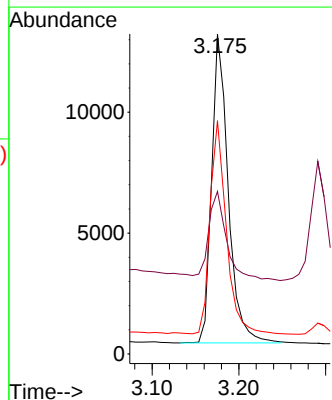
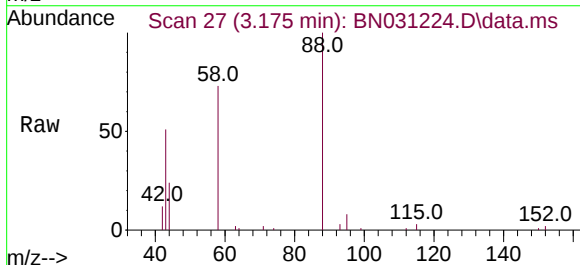


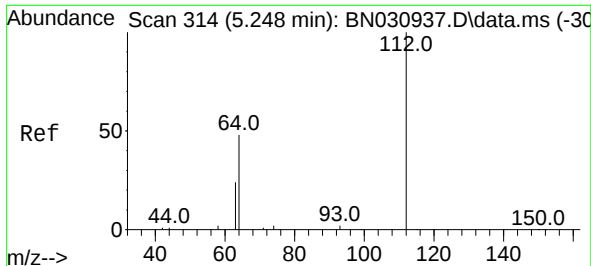
Tgt Ion:152 Resp: 6265
 Ion Ratio Lower Upper
 152 100
 150 153.3 121.7 182.5
 115 62.3 47.8 71.8



#2
 1,4-Dioxane
 Concen: 2.197 ng
 RT: 3.175 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: BN031224.D
 Acq: 25 Apr 2024 17:42

Tgt Ion: 88 Resp: 16918
 Ion Ratio Lower Upper
 88 100
 43 31.6 23.7 35.5
 58 67.8 55.7 83.5

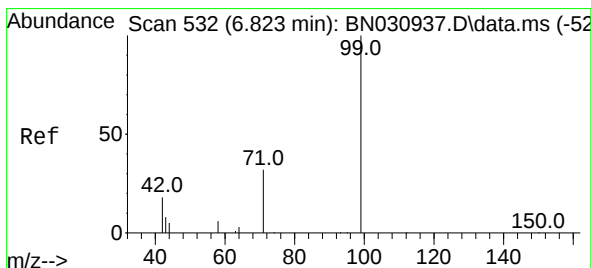
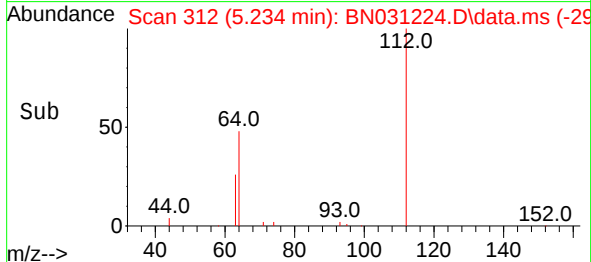
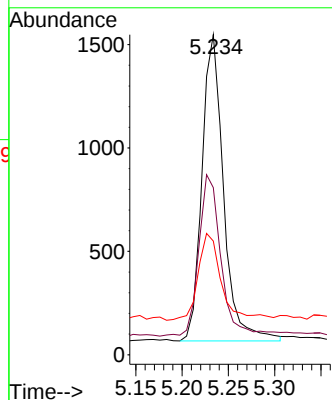
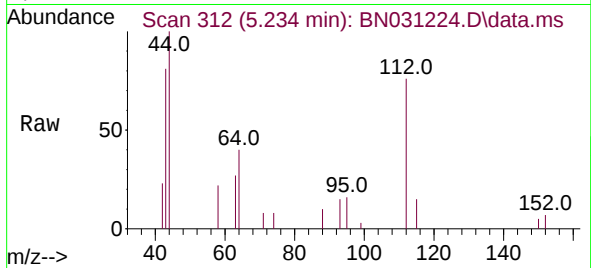




#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.234 min Scan# 314
Delta R.T. 0.007 min
Lab File: BN031224.D
Acq: 25 Apr 2024 17:42

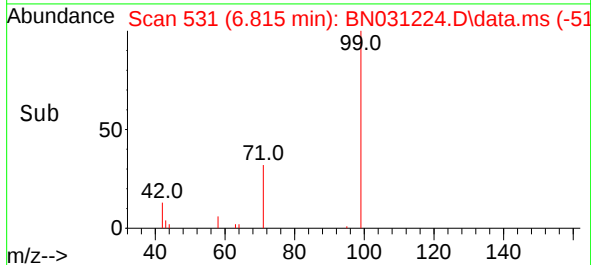
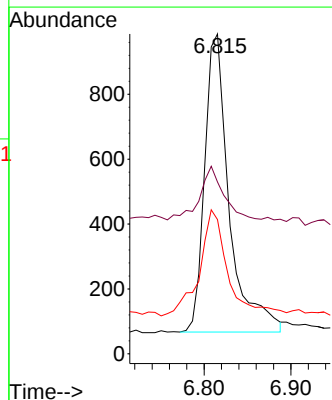
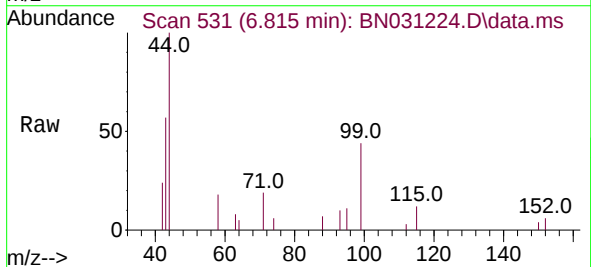
Instrument :
BNA_N
ClientSampleId :
RMW-01B-53-041124

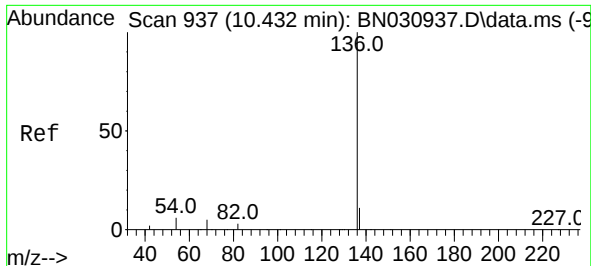
Tgt Ion:112 Resp: 2405
Ion Ratio Lower Upper
112 100
64 54.3 43.4 65.2
63 30.5 22.2 33.2



#5
Phenol-d6
Concen: 0.107 ng
RT: 6.815 min Scan# 531
Delta R.T. 0.007 min
Lab File: BN031224.D
Acq: 25 Apr 2024 17:42

Tgt Ion: 99 Resp: 1813
Ion Ratio Lower Upper
99 100
42 17.3 16.4 24.6
71 40.8 26.3 39.5#

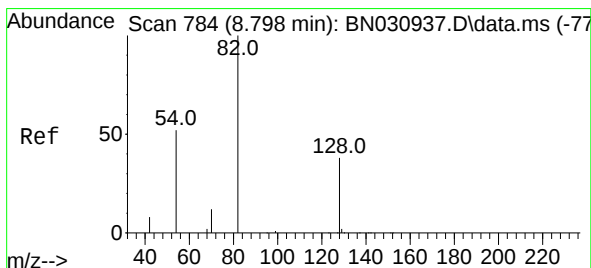
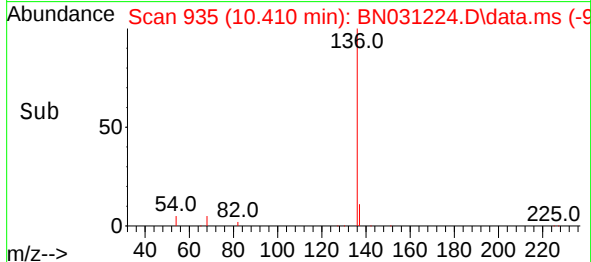
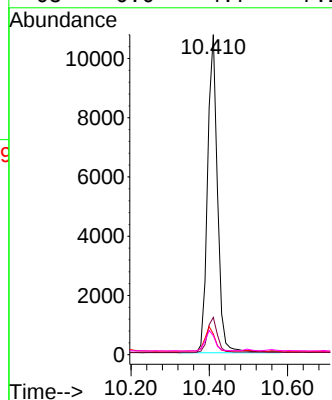
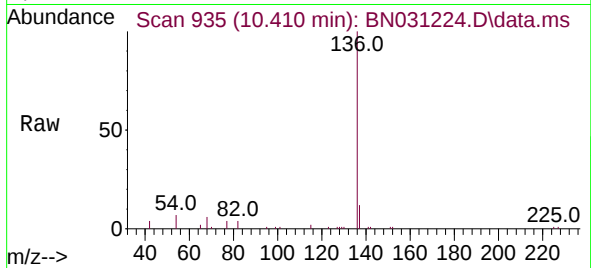




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN031224.D
Acq: 25 Apr 2024 17:42

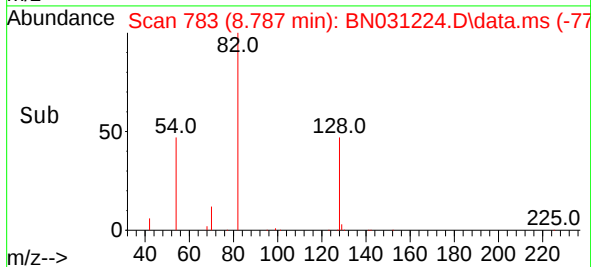
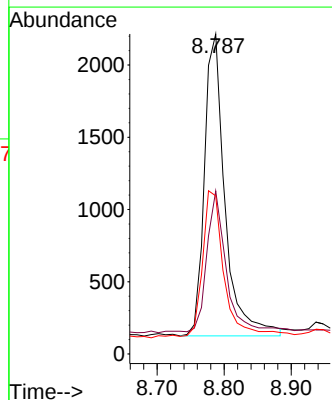
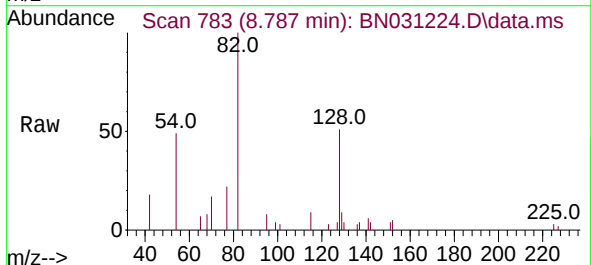
Instrument :
BNA_N
ClientSampleId :
RMW-01B-53-041124

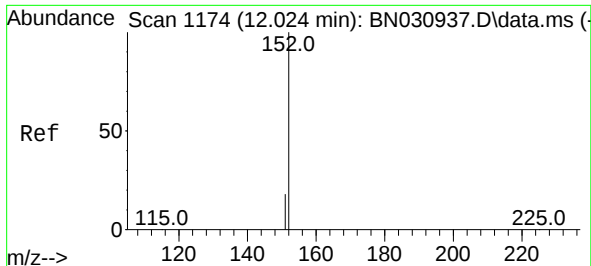
Tgt Ion:136 Resp: 18989
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 6.5 5.3 7.9
68 6.0 4.7 7.1



#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.787 min Scan# 783
Delta R.T. 0.010 min
Lab File: BN031224.D
Acq: 25 Apr 2024 17:42

Tgt Ion: 82 Resp: 4460
Ion Ratio Lower Upper
82 100
128 51.0 33.7 50.5#
54 49.4 43.7 65.5





#11

2-Methylnaphthalene-d10

Concen: 0.307 ng

RT: 12.005 min Scan# 1169

Delta R.T. 0.004 min

Lab File: BN031224.D

Acq: 25 Apr 2024 17:42

Instrument :

BNA_N

ClientSampleId :

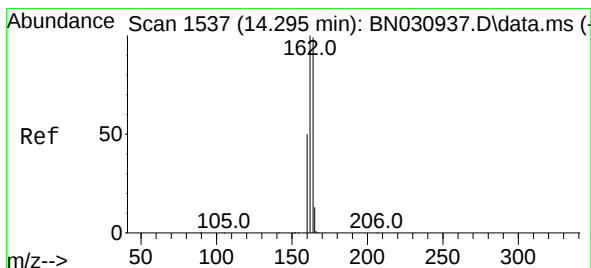
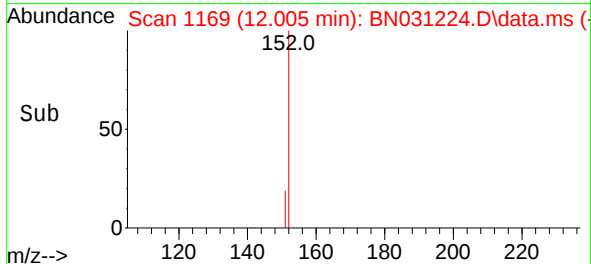
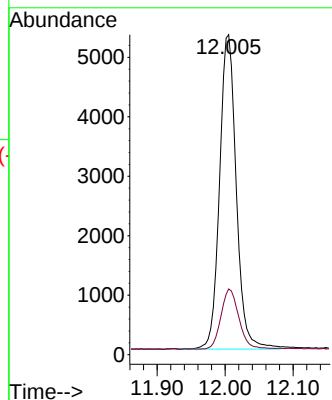
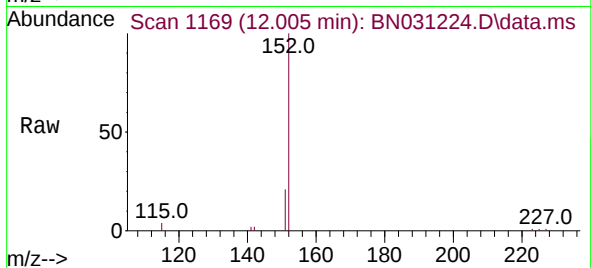
RMW-01B-53-041124

Tgt Ion:152 Resp: 8985

Ion Ratio Lower Upper

152 100

151 20.5 16.7 25.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.274 min Scan# 1484

Delta R.T. -0.000 min

Lab File: BN031224.D

Acq: 25 Apr 2024 17:42

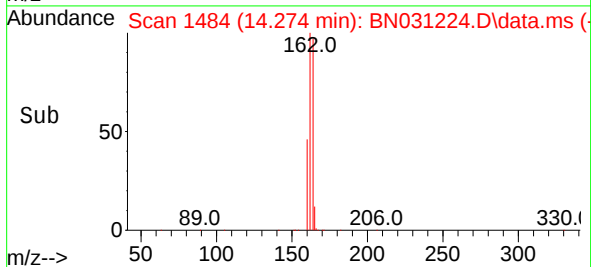
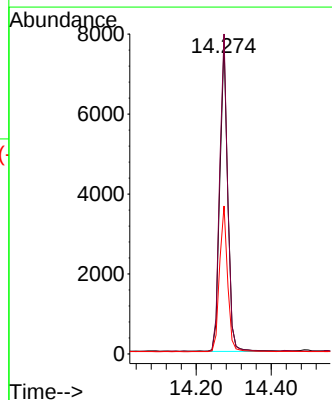
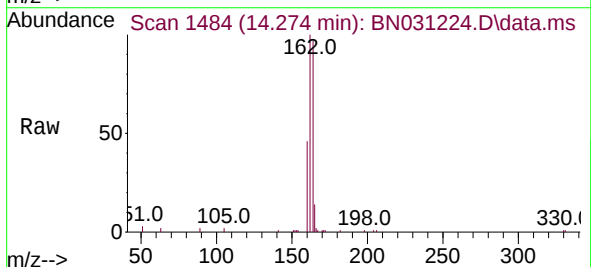
Tgt Ion:164 Resp: 11359

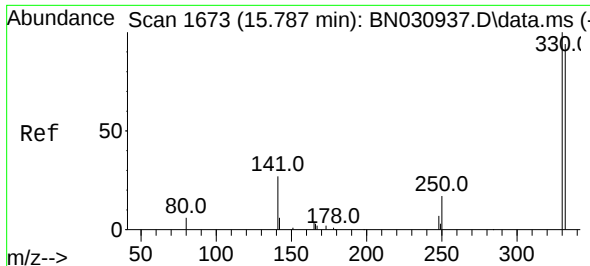
Ion Ratio Lower Upper

164 100

162 102.7 80.6 121.0

160 47.5 40.7 61.1

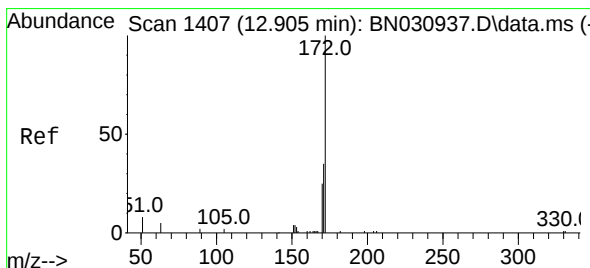
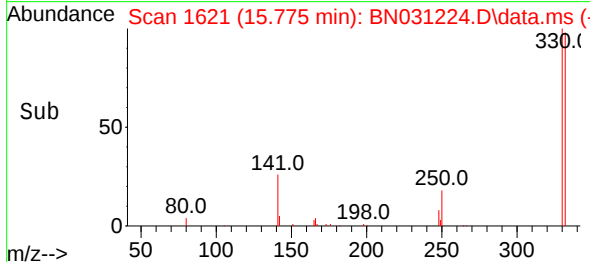
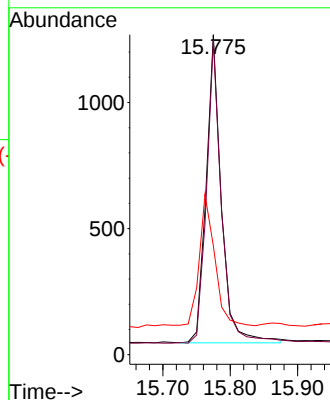
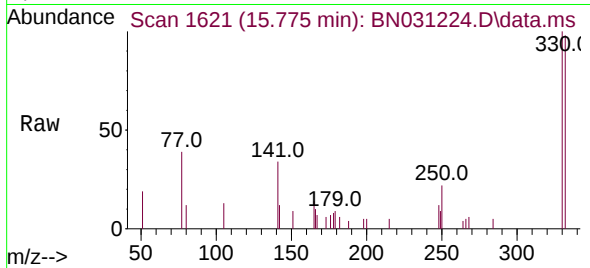




#14
2,4,6-Tribromophenol
Concen: 0.438 ng
RT: 15.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031224.D
Acq: 25 Apr 2024 17:42

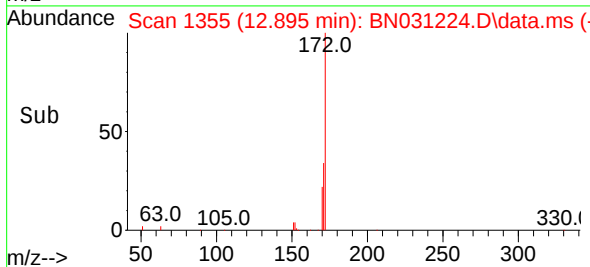
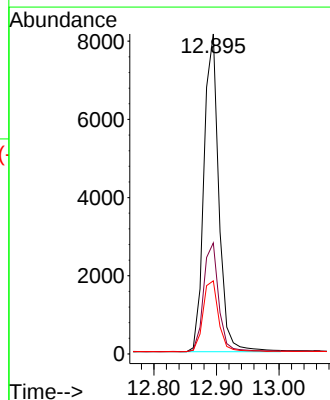
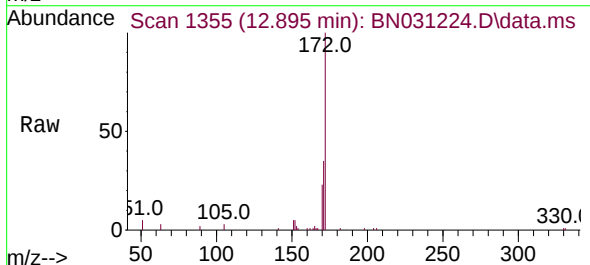
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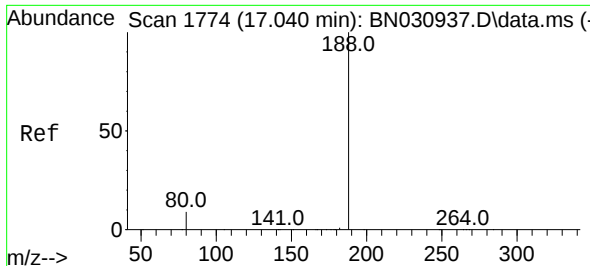
Tgt Ion:330 Resp: 1930
Ion Ratio Lower Upper
330 100
332 95.6 74.2 111.2
141 42.7 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BN031224.D
Acq: 25 Apr 2024 17:42

Tgt Ion:172 Resp: 13490
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.9 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN031224.D

Acq: 25 Apr 2024 17:42

Instrument :

BNA_N

ClientSampleId :

RMW-01B-53-041124

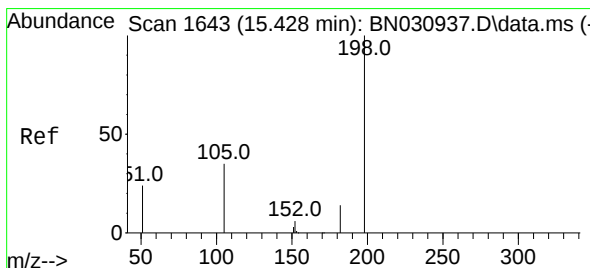
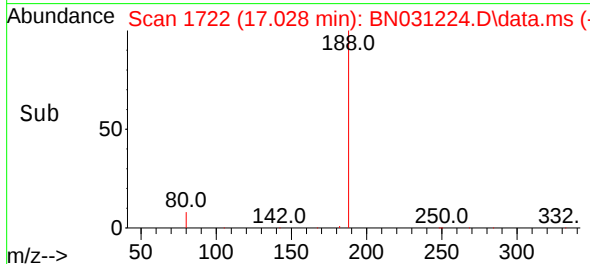
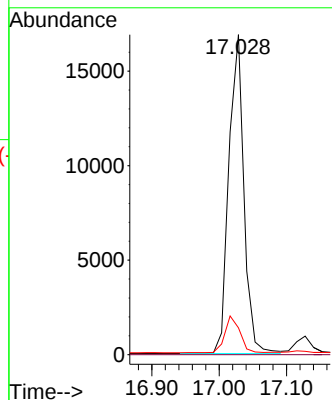
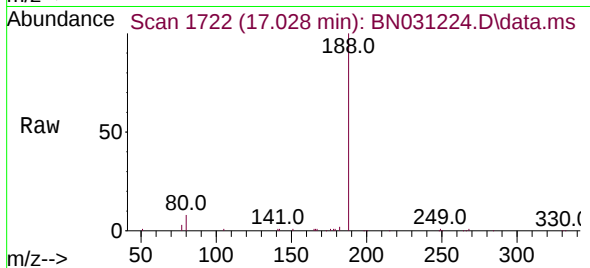
Tgt Ion:188 Resp: 26237

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 7.4 11.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.106 ng

RT: 15.397 min Scan# 1589

Delta R.T. -0.022 min

Lab File: BN031224.D

Acq: 25 Apr 2024 17:42

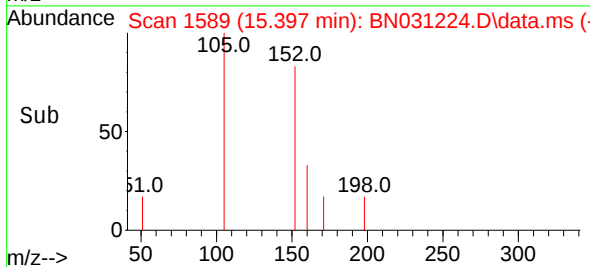
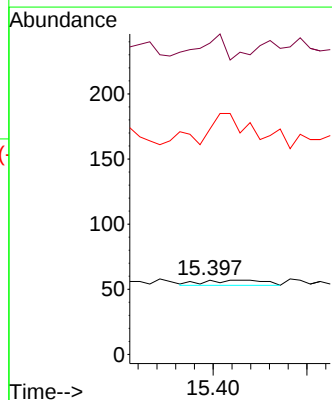
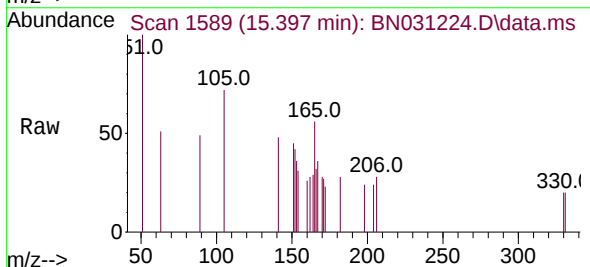
Tgt Ion:198 Resp: 18

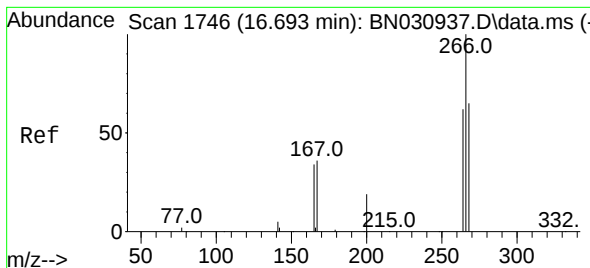
Ion Ratio Lower Upper

198 100

51 419.3 65.2 97.8#

105 303.5 41.0 61.4#





#24

Pentachlorophenol

Concen: 0.132 ng

RT: 16.681 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN031224.D

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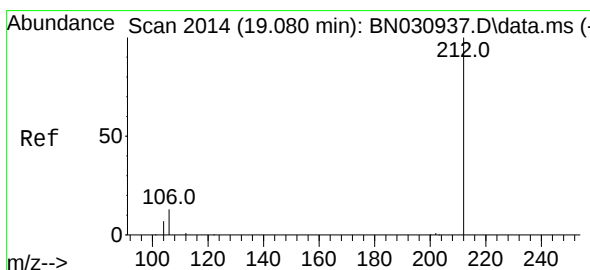
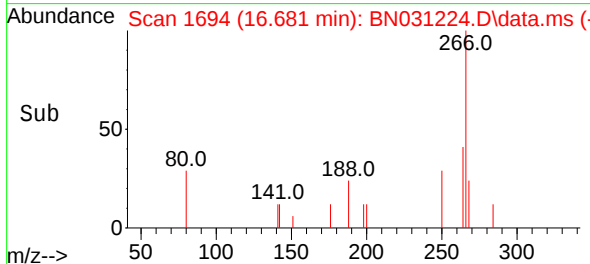
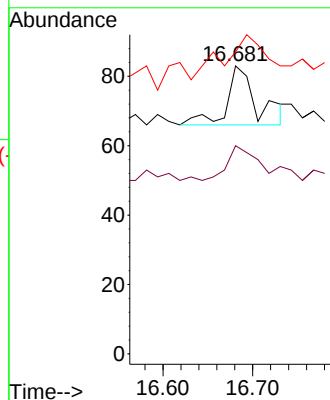
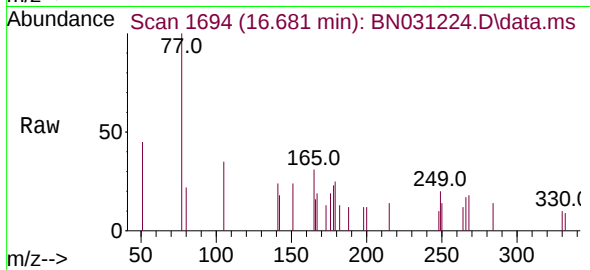
Tgt Ion:266 Resp: 39

Ion Ratio Lower Upper

266 100

264 71.8 50.2 75.2

268 115.4 52.3 78.5#



#27

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.063 min Scan# 1961

Delta R.T. -0.005 min

Lab File: BN031224.D

Acq: 25 Apr 2024 17:42

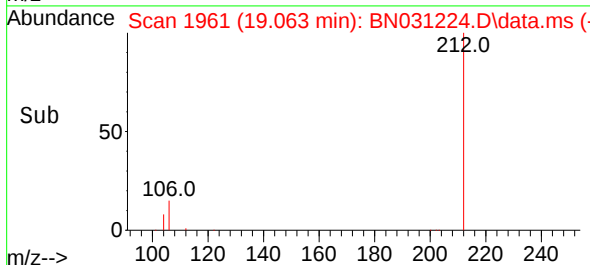
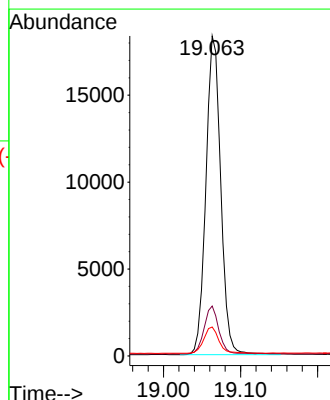
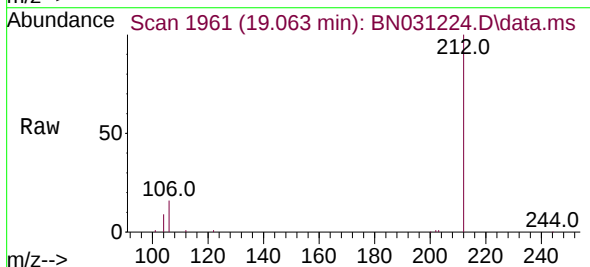
Tgt Ion:212 Resp: 24586

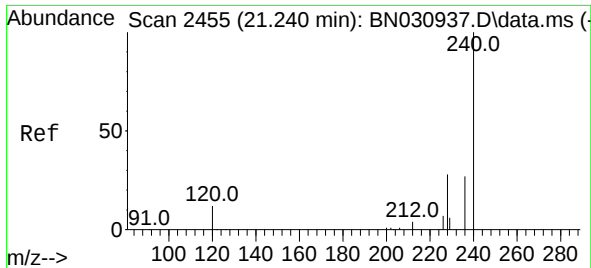
Ion Ratio Lower Upper

212 100

106 14.8 12.0 18.0

104 8.4 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. -0.009 min

Lab File: BN031224.D

Acq: 25 Apr 2024 17:42

Instrument :

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ClientSampleId :

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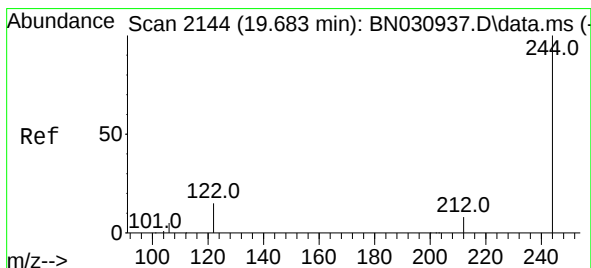
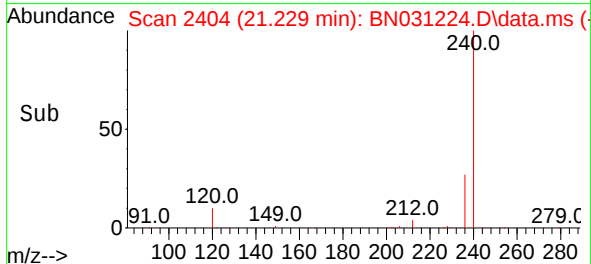
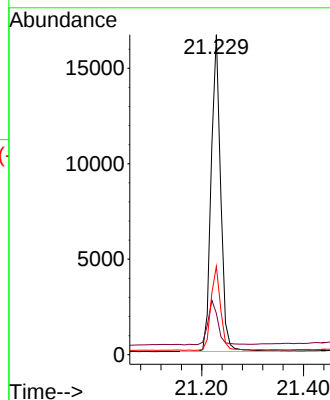
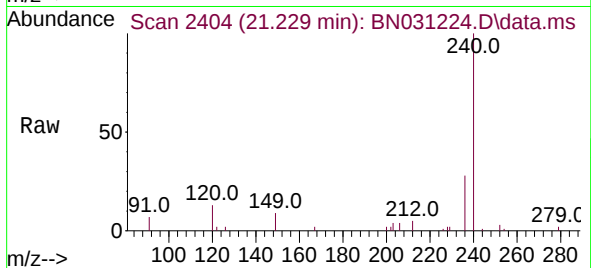
Tgt Ion:240 Resp: 21547

Ion Ratio Lower Upper

240 100

120 12.9 11.0 16.4

236 27.6 22.3 33.5



#31

Terphenyl-d14

Concen: 0.368 ng

RT: 19.667 min Scan# 2091

Delta R.T. -0.005 min

Lab File: BN031224.D

Acq: 25 Apr 2024 17:42

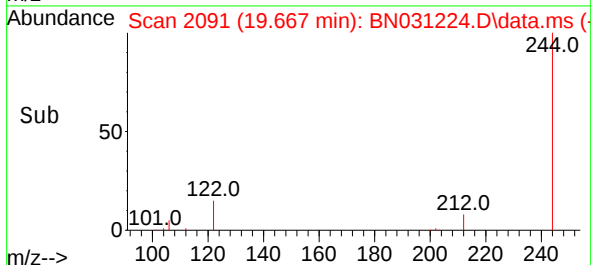
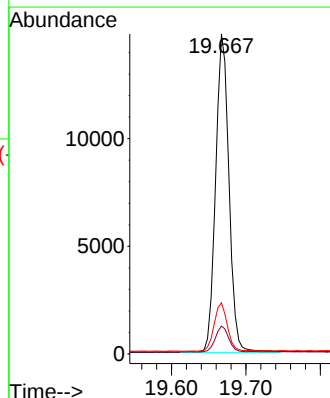
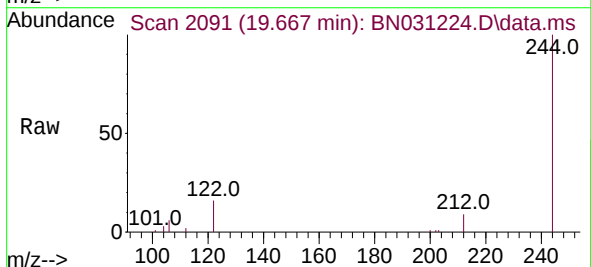
Tgt Ion:244 Resp: 18398

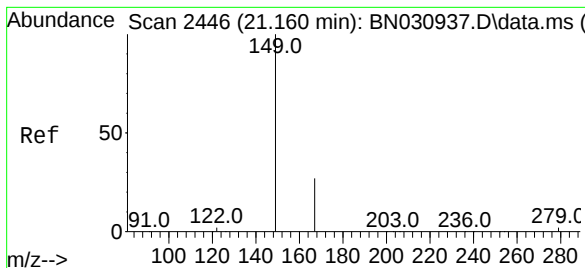
Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

122 16.0 12.7 19.1

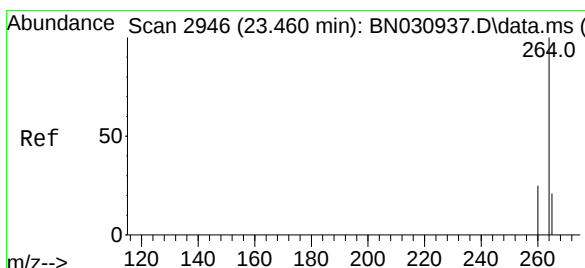
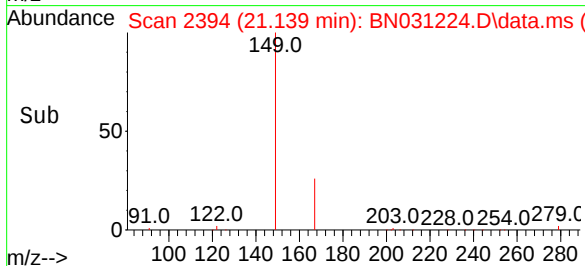
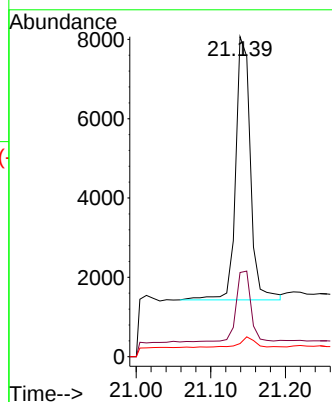
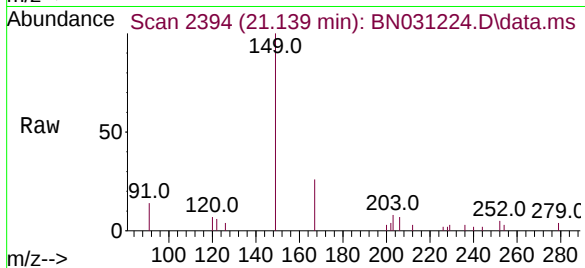




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.263 ng
 RT: 21.139 min Scan# 2446
 Delta R.T. -0.009 min
 Lab File: BN031224.D
 Acq: 25 Apr 2024 17:42

Instrument :
 BNA_N
 ClientSampleId :
 RMW-01B-53-041124

Tgt Ion:149 Resp: 9056
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.0 31.4
 279 4.3 2.9 4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.443 min Scan# 2889
 Delta R.T. -0.012 min
 Lab File: BN031224.D
 Acq: 25 Apr 2024 17:42

Tgt Ion:264 Resp: 20031
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.6 31.0
 265 60.1 53.3 79.9

