

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012623\
 Data File : BN023808.D
 Acq On : 25 Jan 2023 23:39
 Operator : CG/JU
 Sample : 01242-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SVOC-GPC2-BLANK

Quant Time: Jan 26 00:44:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 26 00:40:21 2023
 Response via : Initial Calibration

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

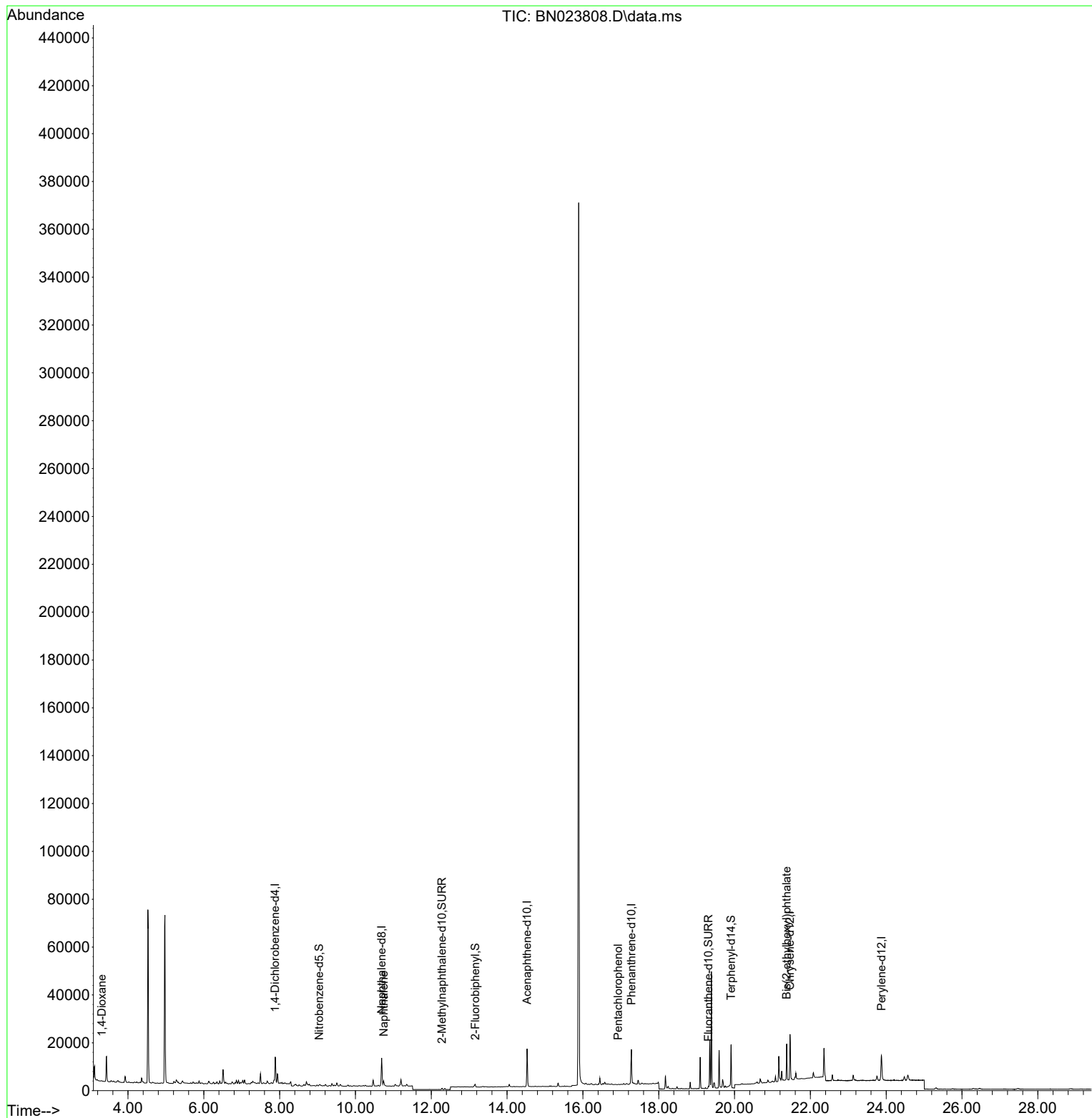
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	5319	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	15235	0.400	ng	0.00
13) Acenaphthene-d10	14.527	164	8263	0.400	ng	0.00
19) Phenanthrene-d10	17.278	188	18432	0.400	ng	0.00
29) Chrysene-d12	21.464	240	17625	0.400	ng	# 0.00
35) Perylene-d12	23.875	264	14295	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	82	0.007	ng	0.00
5) Phenol-d6	7.053	99	110	0.008	ng	0.00
8) Nitrobenzene-d5	9.046	82	527	0.044	ng	0.00
11) 2-Methylnaphthalene-d10	12.284	152	718	0.034	ng	0.00
14) 2,4,6-Tribromophenol	16.024	330	25	0.007	ng	0.00
15) 2-Fluorobiphenyl	13.159	172	1030	0.029	ng	0.00
27) Fluoranthene-d10	19.308	212	1040	0.024	ng	0.00
31) Terphenyl-d14	19.907	244	1041	0.037	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.312	88	114	0.020	ng	# 1
9) Naphthalene	10.744	128	2220	0.056	ng	# 92
24) Pentachlorophenol	16.930	266	24	0.166	ng	# 66
34) Bis(2-ethylhexyl)phtha...	21.374	149	12356	0.494	ng	97

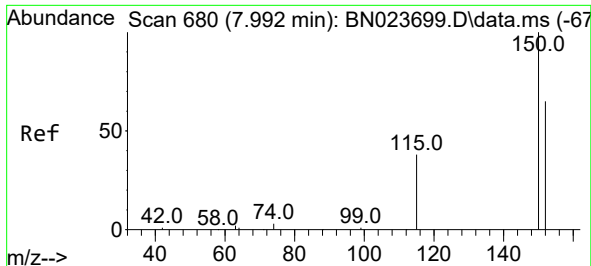
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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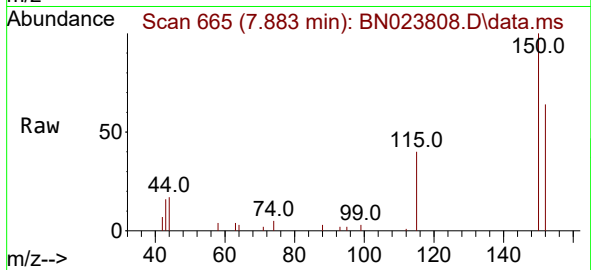
Quant Time: Jan 26 00:44:28 2023
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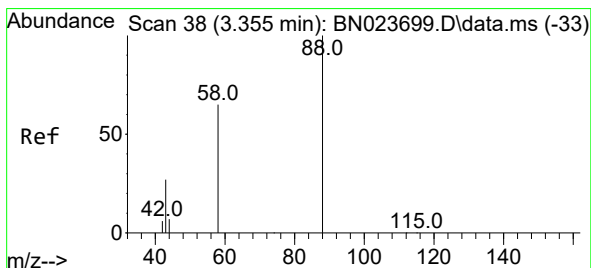
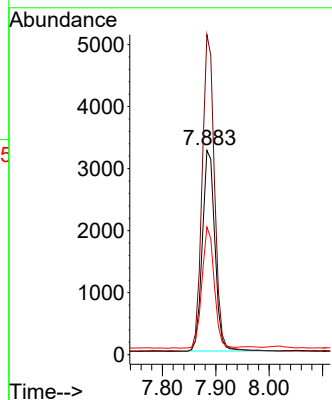
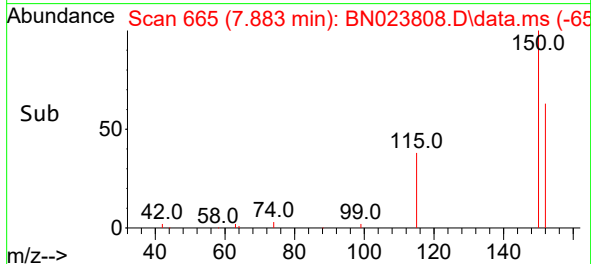


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.883 min Scan# 6
 Delta R.T. -0.008 min
 Lab File: BN023808.D
 Acq: 25 Jan 2023 23:39

Instrument :
 BNA_N
 ClientSampleId :
 SVOC-GPC2-BLANK

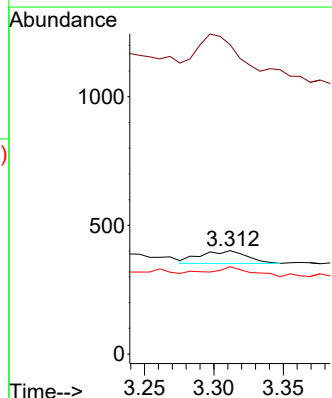
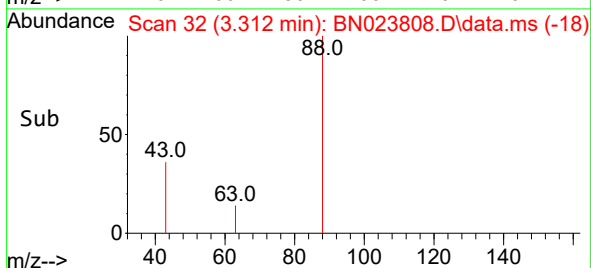
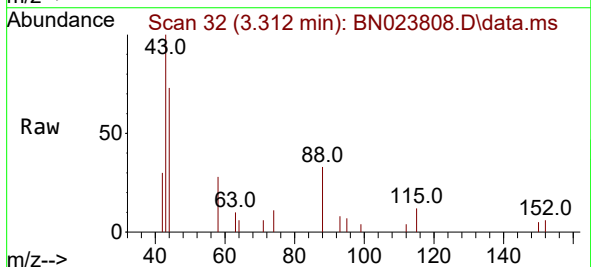


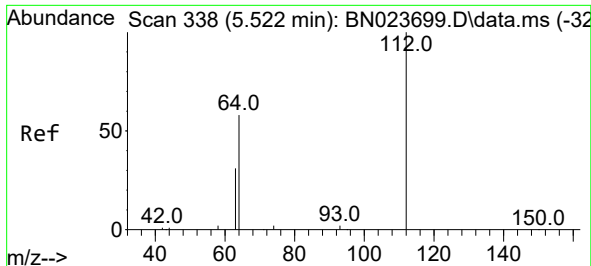
Tgt Ion:152 Resp: 5319
 Ion Ratio Lower Upper
 152 100
 150 156.6 122.4 183.6
 115 62.5 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.020 ng
 RT: 3.312 min Scan# 32
 Delta R.T. -0.000 min
 Lab File: BN023808.D
 Acq: 25 Jan 2023 23:39

Tgt Ion: 88 Resp: 114
 Ion Ratio Lower Upper
 88 100
 43 314.0 26.8 40.2#
 58 75.4 58.5 87.7

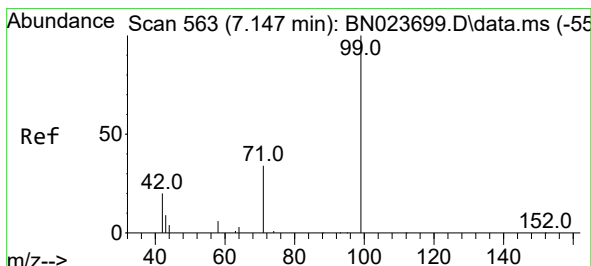
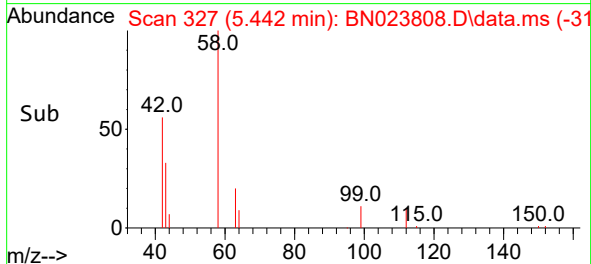
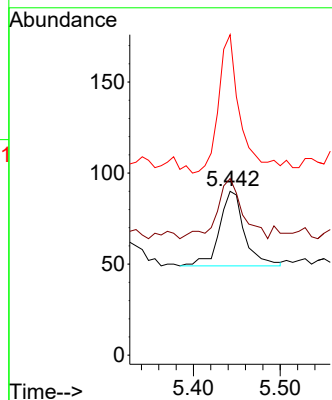
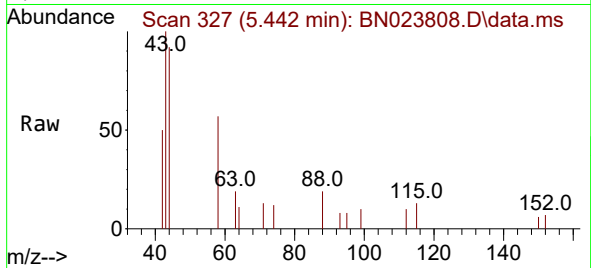




#4
2-Fluorophenol
Concen: 0.007 ng
RT: 5.442 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN023808.D
Acq: 25 Jan 2023 23:39

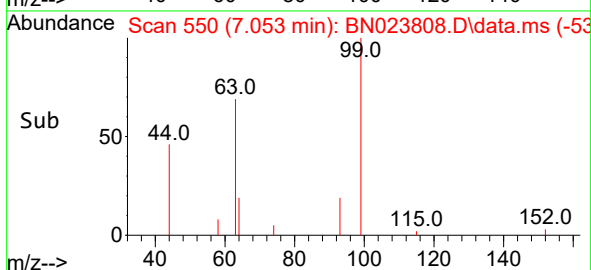
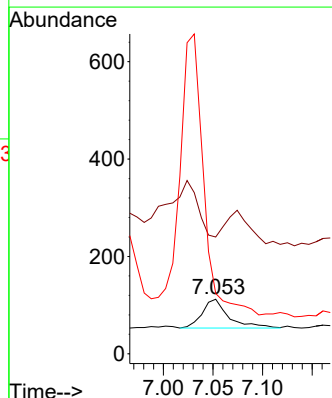
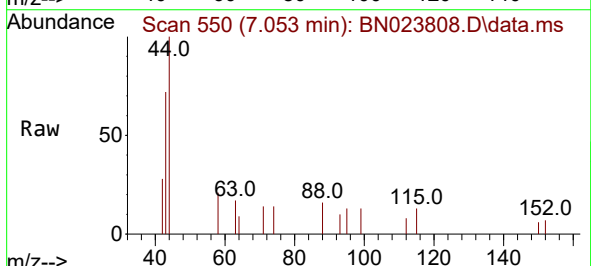
Instrument :
BNA_N
ClientSampleId :
SVOC-GPC2-BLANK

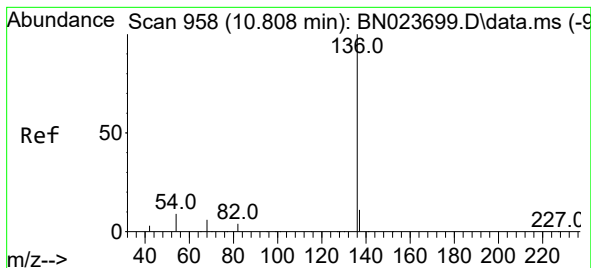
Tgt Ion:112 Resp: 82
Ion Ratio Lower Upper
112 100
64 81.7 45.8 68.8#
63 167.1 25.3 37.9#



#5
Phenol-d6
Concen: 0.008 ng
RT: 7.053 min Scan# 550
Delta R.T. -0.000 min
Lab File: BN023808.D
Acq: 25 Jan 2023 23:39

Tgt Ion: 99 Resp: 110
Ion Ratio Lower Upper
99 100
42 0.0 19.4 29.0#
71 0.0 28.7 43.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.690 min Scan# 94

Delta R.T. -0.000 min

Lab File: BN023808.D

Acq: 25 Jan 2023 23:39

Instrument :

BNA_N

ClientSampleId :

SVOC-GPC2-BLANK

Tgt Ion:136 Resp: 15235

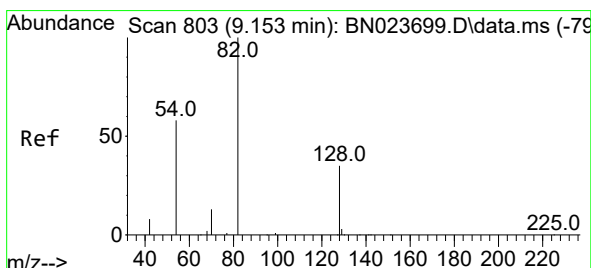
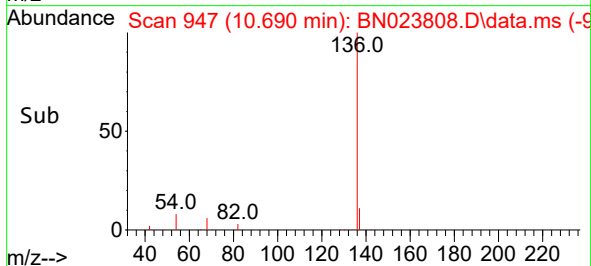
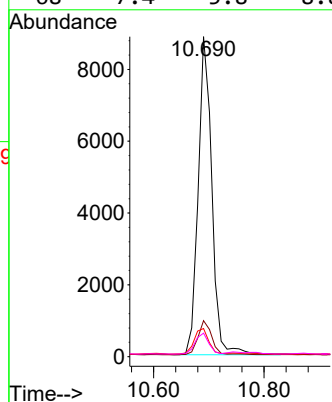
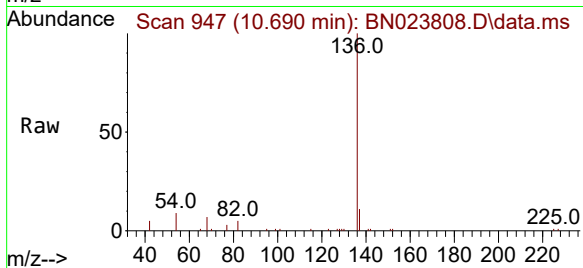
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 8.8 7.5 11.3

68 7.4 5.8 8.8



#8

Nitrobenzene-d5

Concen: 0.044 ng

RT: 9.046 min Scan# 793

Delta R.T. -0.000 min

Lab File: BN023808.D

Acq: 25 Jan 2023 23:39

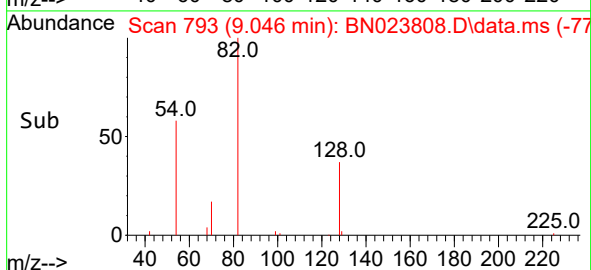
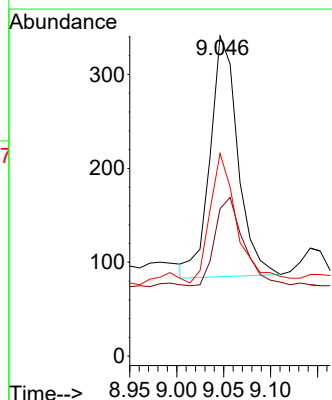
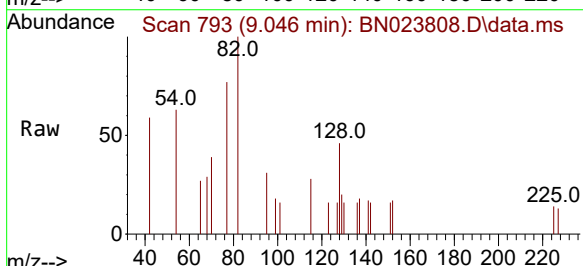
Tgt Ion: 82 Resp: 527

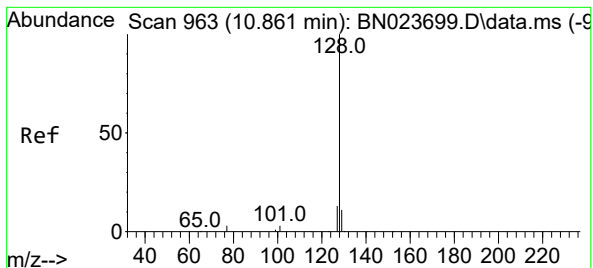
Ion Ratio Lower Upper

82 100

128 46.0 30.2 45.2#

54 63.3 47.3 70.9





#9

Naphthalene

Concen: 0.056 ng

RT: 10.744 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN023808.D

Acq: 25 Jan 2023 23:39

Instrument :

BNA_N

ClientSampleId :

SVOC-GPC2-BLANK

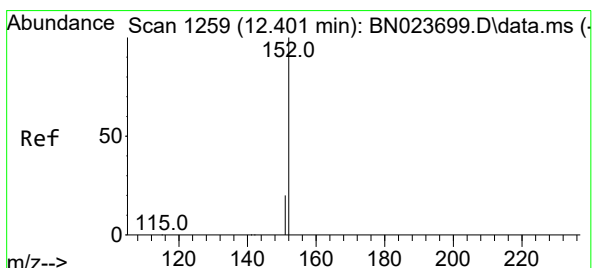
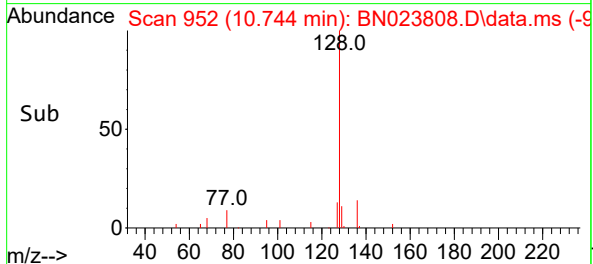
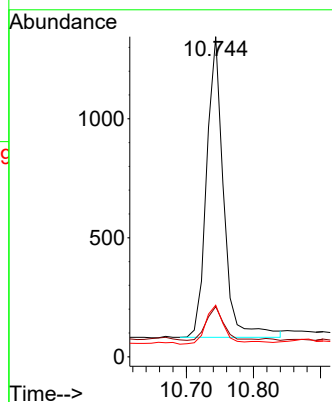
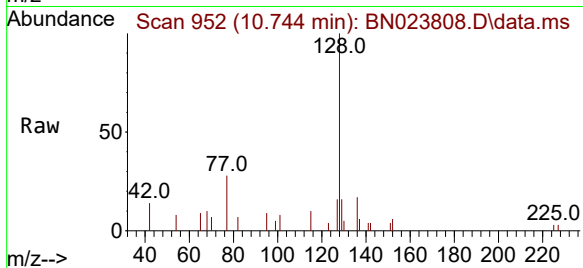
Tgt Ion:128 Resp: 2220

Ion Ratio Lower Upper

128 100

129 15.7 9.2 13.8#

127 16.1 10.9 16.3



#11

2-Methylnaphthalene-d10

Concen: 0.034 ng

RT: 12.284 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BN023808.D

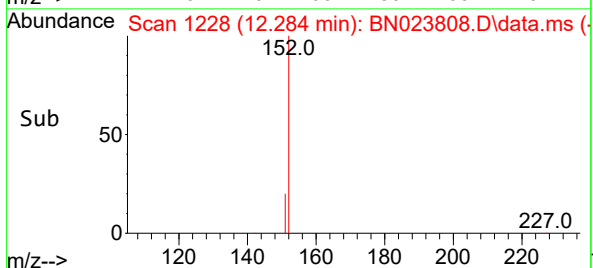
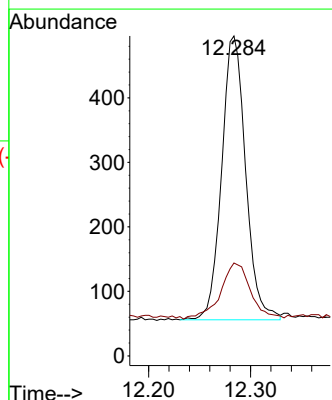
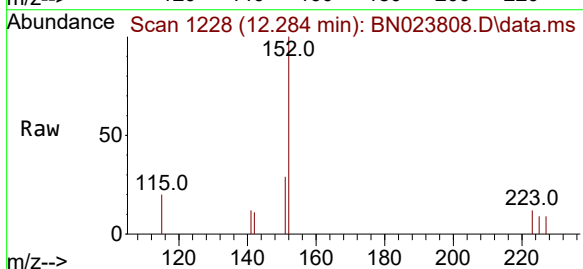
Acq: 25 Jan 2023 23:39

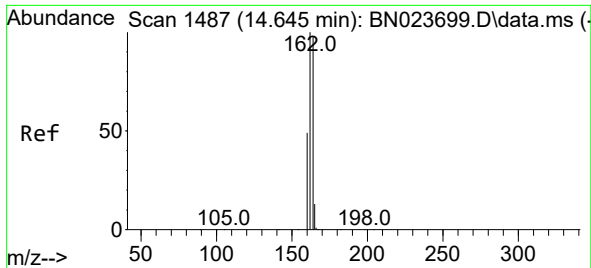
Tgt Ion:152 Resp: 718

Ion Ratio Lower Upper

152 100

151 24.9 17.1 25.7

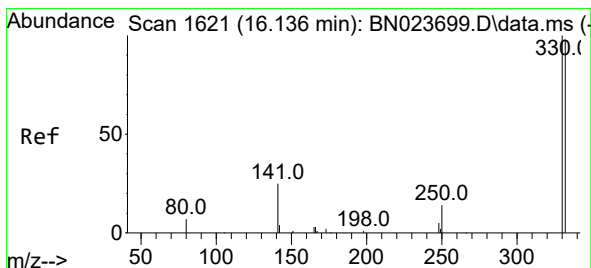
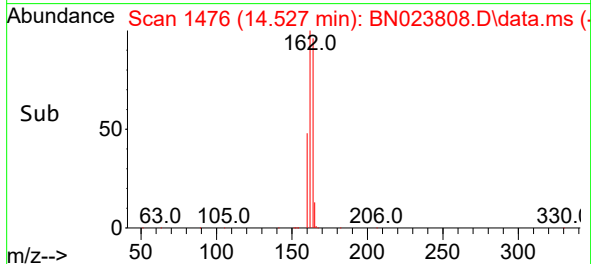
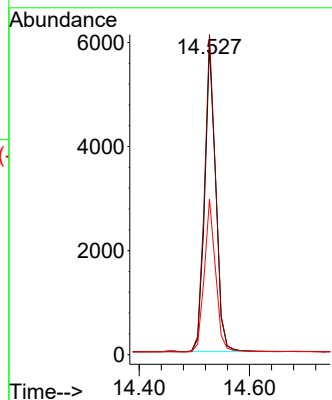
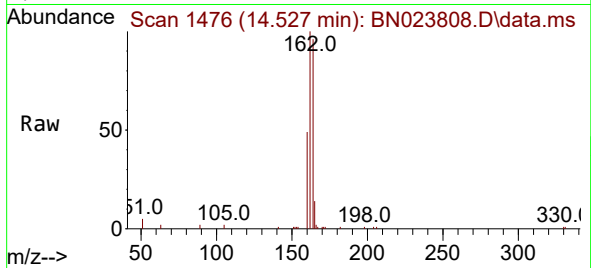




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023808.D
Acq: 25 Jan 2023 23:39

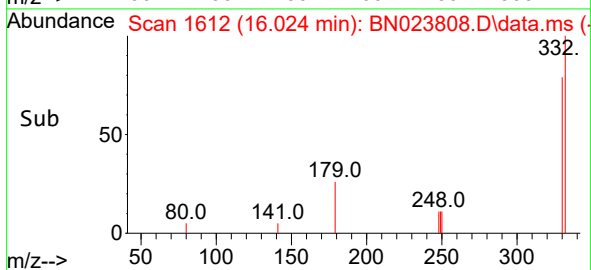
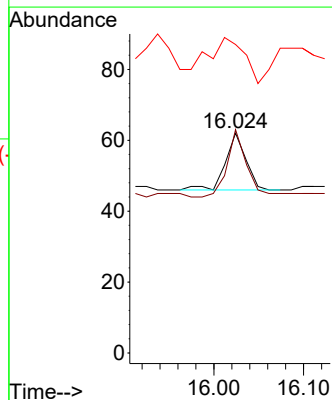
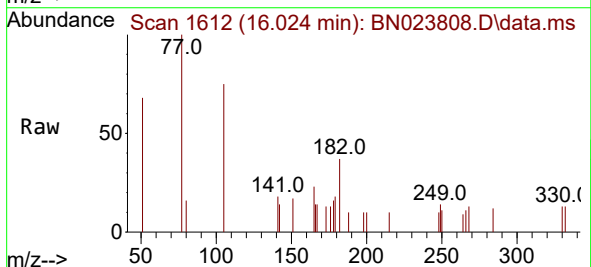
Instrument :
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ClientSampleId :
SVOC-GPC2-BLANK

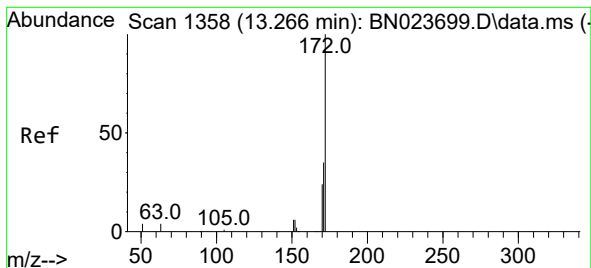
Tgt Ion:164 Resp: 8263
Ion Ratio Lower Upper
164 100
162 103.7 81.8 122.6
160 50.4 40.3 60.5



#14
2,4,6-Tribromophenol
Concen: 0.007 ng
RT: 16.024 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN023808.D
Acq: 25 Jan 2023 23:39

Tgt Ion:330 Resp: 25
Ion Ratio Lower Upper
330 100
332 116.0 77.6 116.4
141 144.0 35.0 52.4#





#15

2-Fluorobiphenyl

Concen: 0.029 ng

RT: 13.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN023808.D

Acq: 25 Jan 2023 23:39

Instrument :

BNA_N

ClientSampleId :

SVOC-GPC2-BLANK

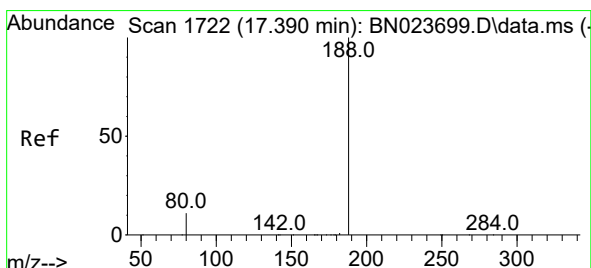
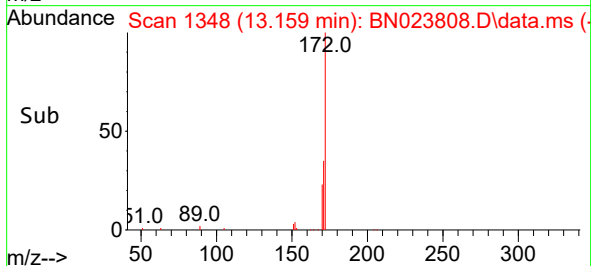
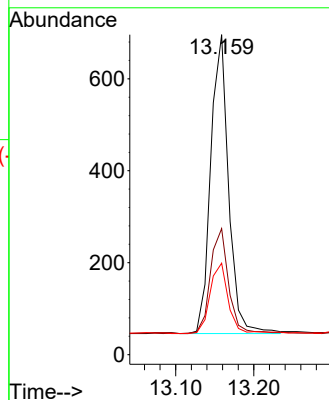
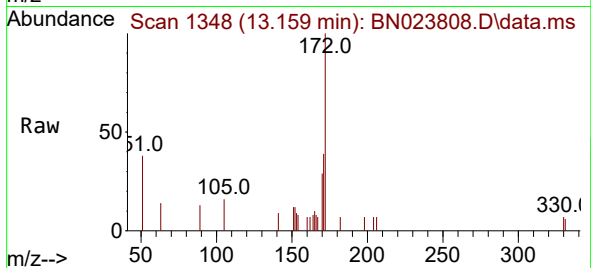
Tgt Ion:172 Resp: 1030

Ion Ratio Lower Upper

172 100

171 39.4 28.6 42.8

170 28.6 20.0 30.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.278 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BN023808.D

Acq: 25 Jan 2023 23:39

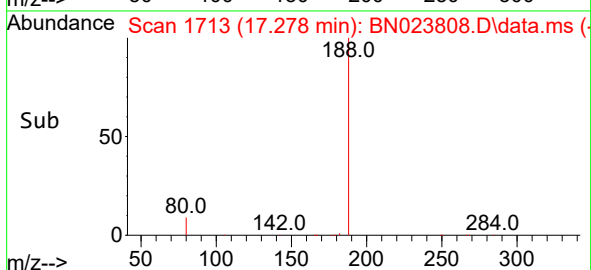
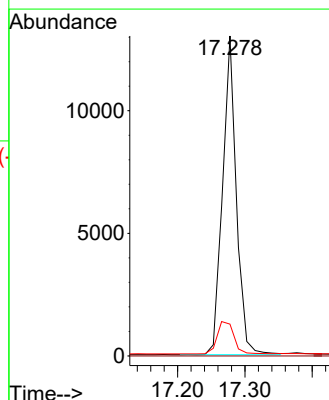
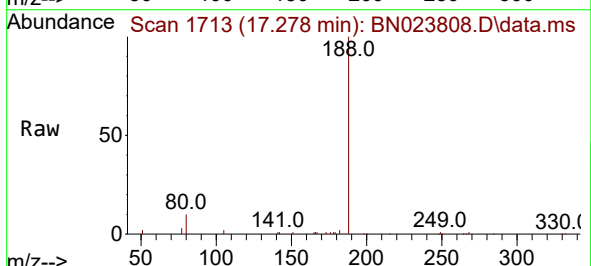
Tgt Ion:188 Resp: 18432

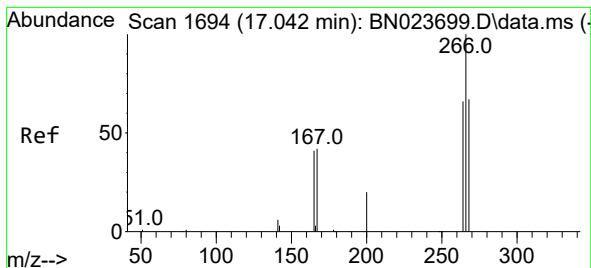
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 9.5 14.3





#24

Pentachlorophenol

Concen: 0.166 ng

RT: 16.930 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN023808.D

Acq: 25 Jan 2023 23:39

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SVOC-GPC2-BLANK

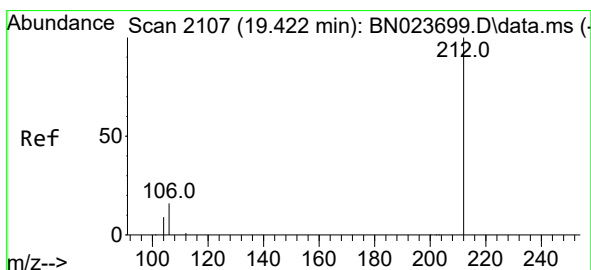
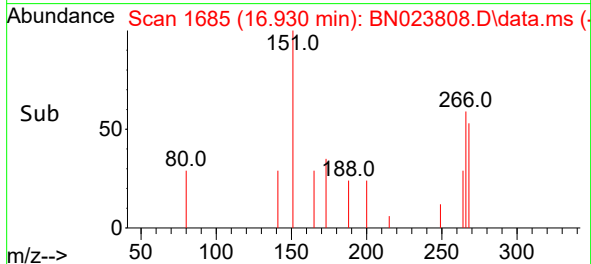
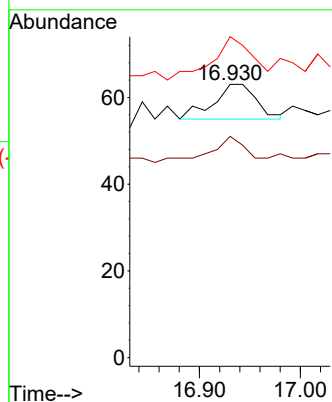
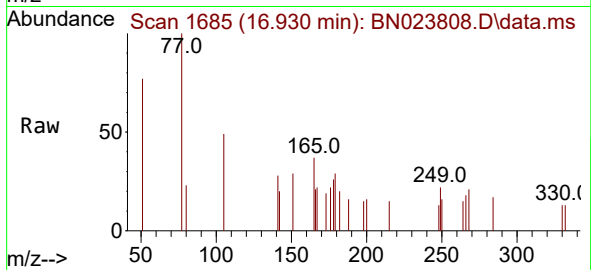
Tgt Ion:266 Resp: 24

Ion Ratio Lower Upper

266 100

264 62.5 51.4 77.2

268 116.7 52.3 78.5#



#27

Fluoranthene-d10

Concen: 0.024 ng

RT: 19.308 min Scan# 2080

Delta R.T. -0.000 min

Lab File: BN023808.D

Acq: 25 Jan 2023 23:39

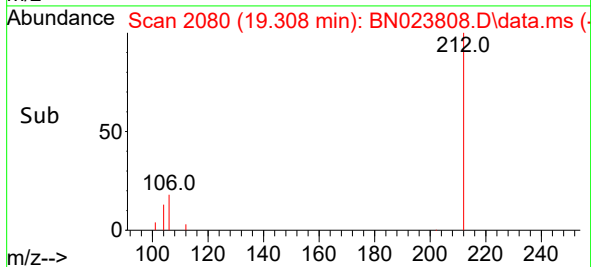
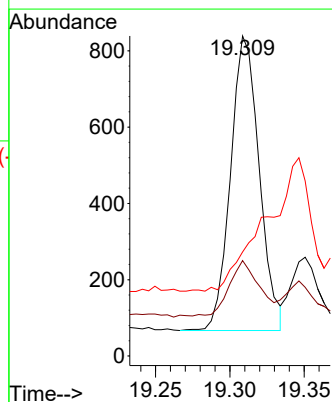
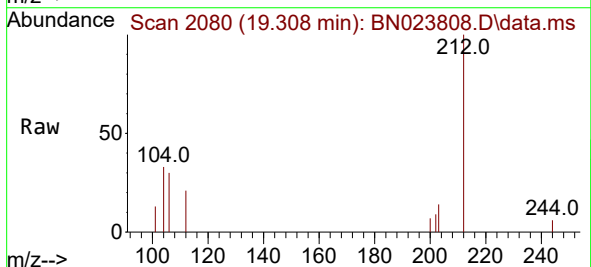
Tgt Ion:212 Resp: 1040

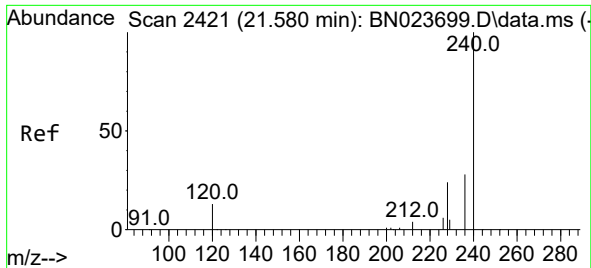
Ion Ratio Lower Upper

212 100

106 20.5 12.4 18.6#

104 0.0 7.1 10.7#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.464 min Scan# 2408

Delta R.T. -0.009 min

Lab File: BN023808.D

Acq: 25 Jan 2023 23:39

Instrument :

BNA_N

ClientSampleId :

SVOC-GPC2-BLANK

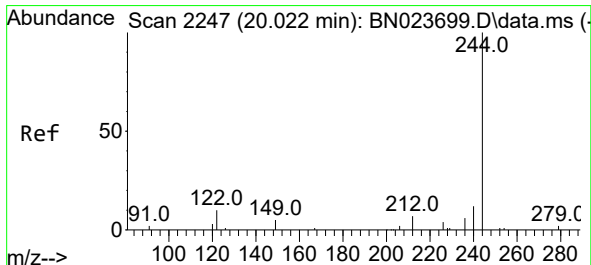
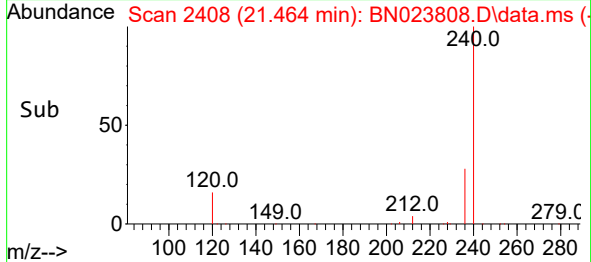
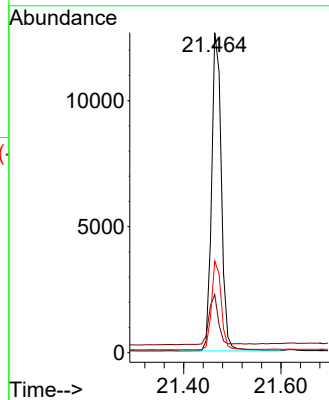
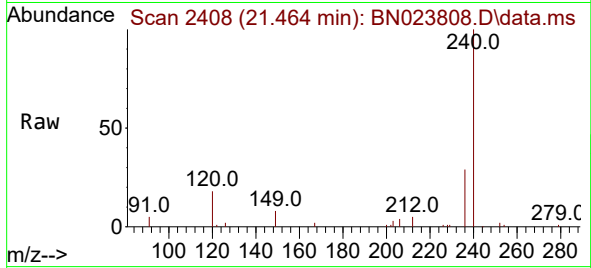
Tgt Ion:240 Resp: 17625

Ion Ratio Lower Upper

240 100

120 18.1 12.0 18.0#

236 28.6 22.8 34.2



#31

Terphenyl-d14

Concen: 0.037 ng

RT: 19.907 min Scan# 2222

Delta R.T. -0.000 min

Lab File: BN023808.D

Acq: 25 Jan 2023 23:39

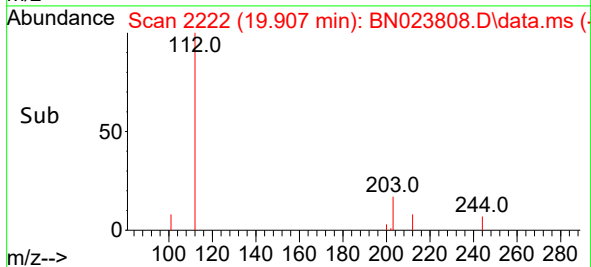
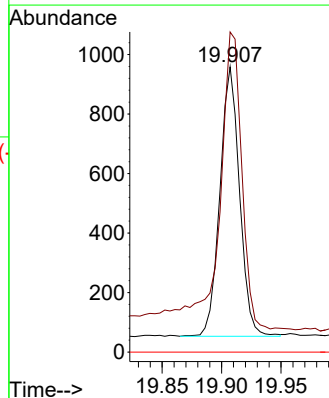
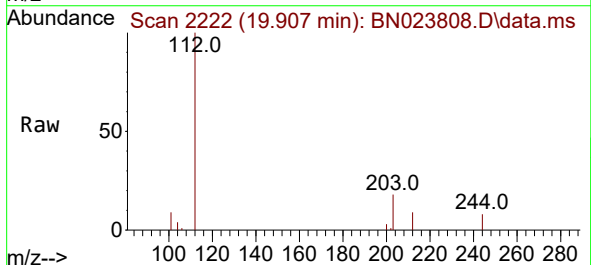
Tgt Ion:244 Resp: 1041

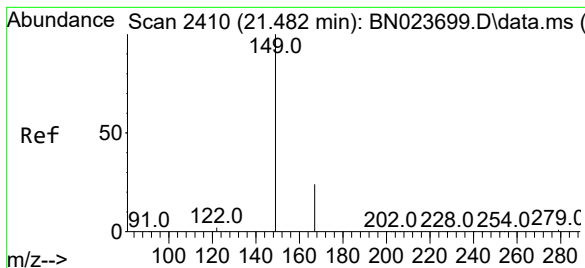
Ion Ratio Lower Upper

244 100

212 112.2 6.5 9.7#

122 0.0 7.6 11.4#

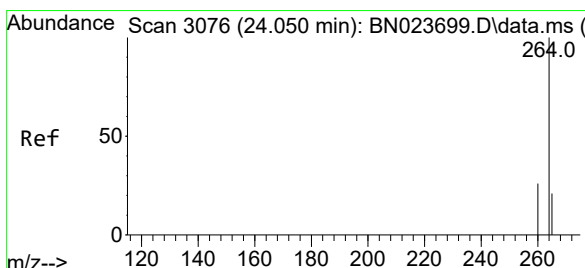
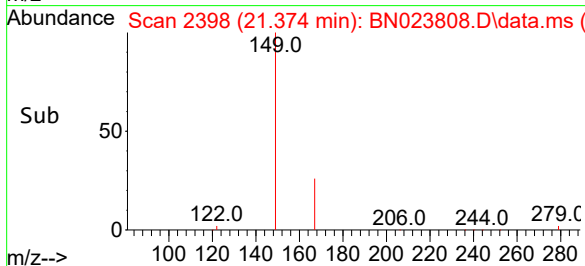
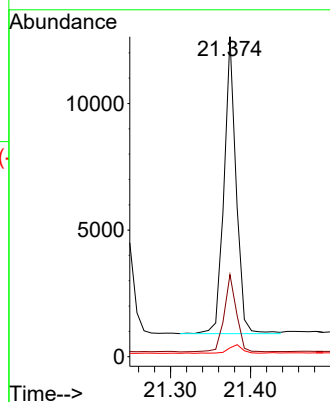
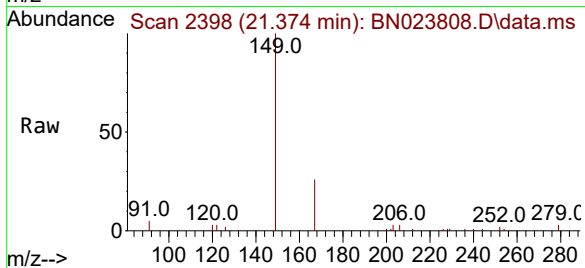




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.494 ng
RT: 21.374 min Scan# 2137
Delta R.T. -0.009 min
Lab File: BN023808.D
Acq: 25 Jan 2023 23:39

Instrument :
BNA_N
ClientSampleId :
SVOC-GPC2-BLANK

Tgt Ion:149 Resp: 12356
Ion Ratio Lower Upper
149 100
167 26.3 19.8 29.8
279 3.3 2.5 3.7



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.875 min Scan# 3016
Delta R.T. -0.021 min
Lab File: BN023808.D
Acq: 25 Jan 2023 23:39

Tgt Ion:264 Resp: 14295
Ion Ratio Lower Upper
264 100
260 26.6 21.0 31.6
265 56.4 49.9 74.9

