

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
 Data File : BN023505.D
 Acq On : 28 Dec 2022 02:44
 Operator : CG/JU
 Sample : N6182-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-04-185-206-122122

Quant Time: Dec 28 04:18:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:57:20 2022
 Response via : Initial Calibration

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

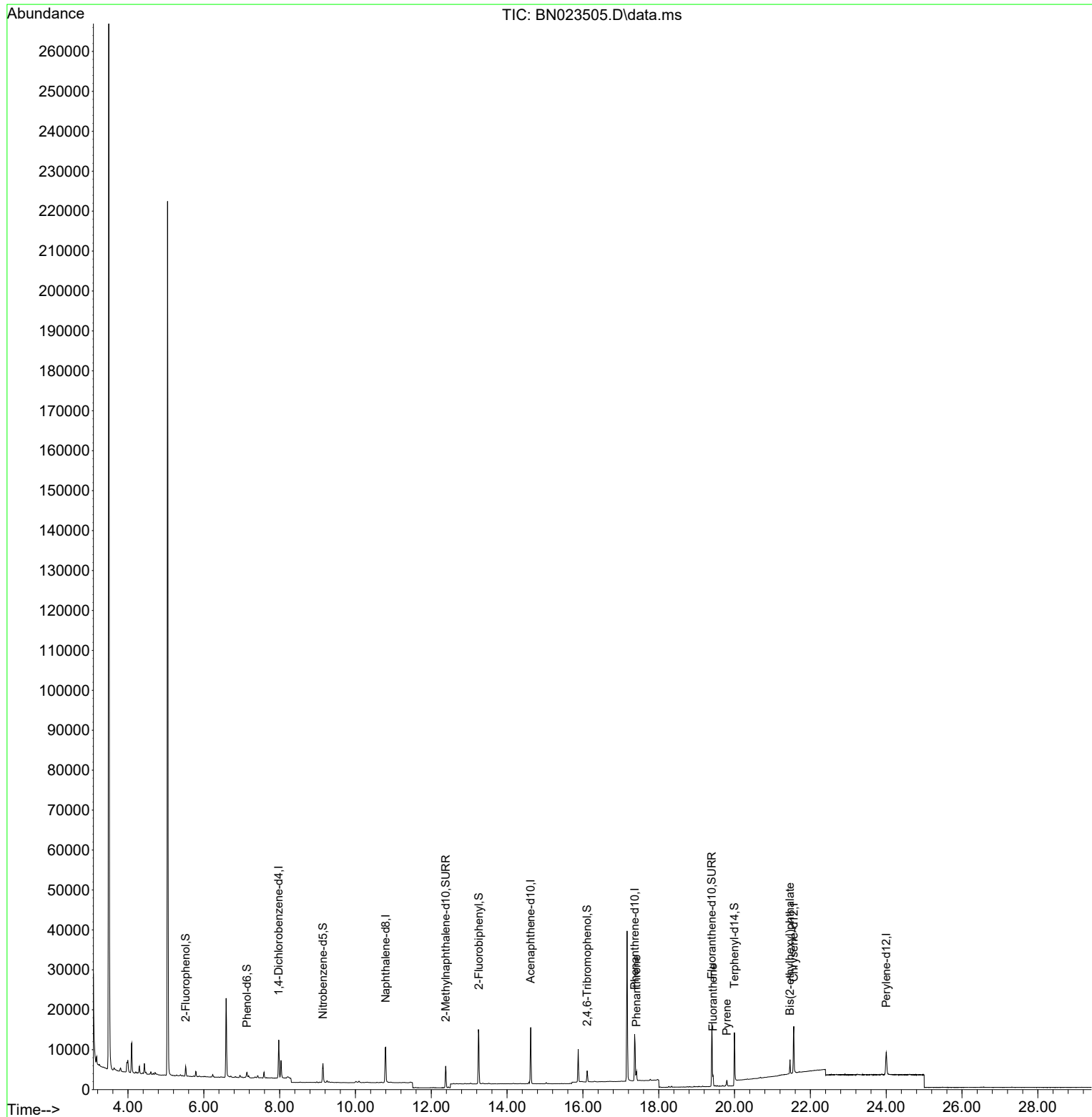
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	4433	0.400	ng	0.00
7) Naphthalene-d8	10.797	136	12776	0.400	ng	0.00
13) Acenaphthene-d10	14.624	164	7288	0.400	ng	0.00
19) Phenanthrene-d10	17.365	188	16236	0.400	ng	#-0.01
29) Chrysene-d12	21.563	240	11009	0.400	ng	# 0.00
35) Perylene-d12	24.001	264	8201	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.522	112	1871	0.191	ng	0.00
5) Phenol-d6	7.140	99	1342	0.111	ng	0.00
8) Nitrobenzene-d5	9.142	82	3873	0.387	ng	0.00
11) 2-Methylnaphthalene-d10	12.382	152	7203	0.387	ng	0.00
14) 2,4,6-Tribromophenol	16.111	330	1564	0.438	ng	-0.01
15) 2-Fluorobiphenyl	13.255	172	12493	0.433	ng	0.00
27) Fluoranthene-d10	19.401	212	17161	0.432	ng	0.00
31) Terphenyl-d14	19.996	244	18269	0.712	ng	0.00
Target Compounds						
25) Phenanthrene	17.415	178	2374	0.051	ng	Qvalue 96
28) Fluoranthene	19.431	202	2156	0.041	ng	98
30) Pyrene	19.798	202	1315	0.032	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.464	149	3067	0.136	ng	98

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

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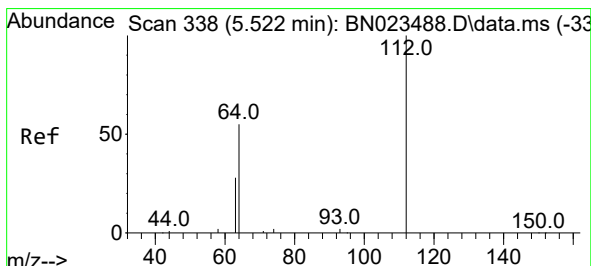
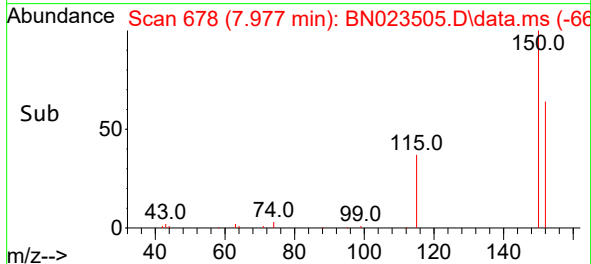
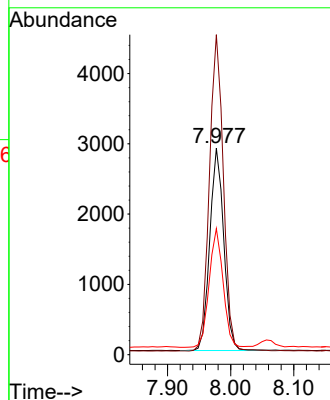
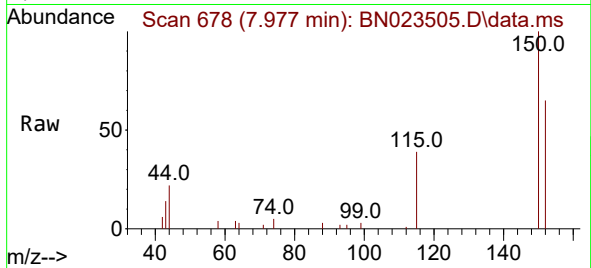




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.977 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN023505.D
 Acq: 28 Dec 2022 02:44

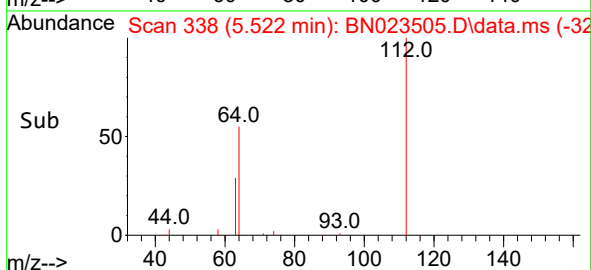
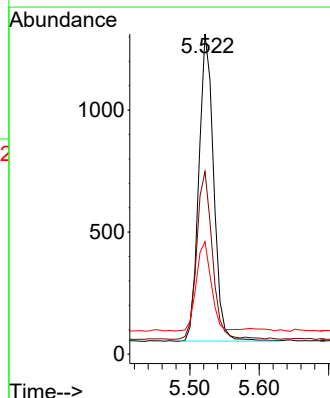
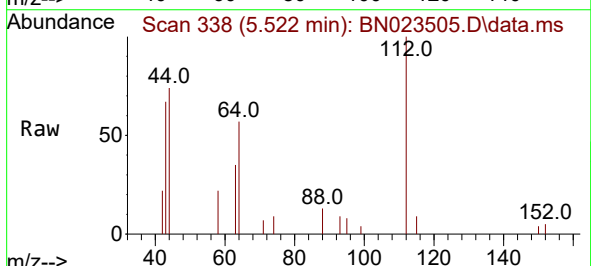
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-04-185-206-122122

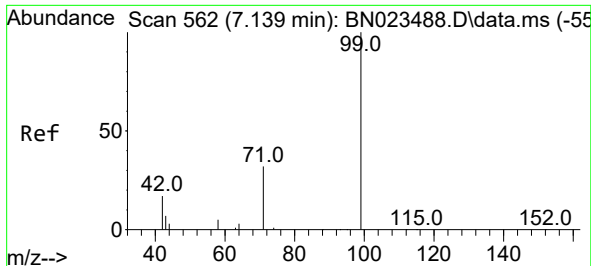
Tgt Ion:152 Resp: 4433
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.0 187.6
 115 61.0 48.8 73.2



#4
 2-Fluorophenol
 Concen: 0.191 ng
 RT: 5.522 min Scan# 338
 Delta R.T. 0.000 min
 Lab File: BN023505.D
 Acq: 28 Dec 2022 02:44

Tgt Ion:112 Resp: 1871
 Ion Ratio Lower Upper
 112 100
 64 56.7 44.3 66.5
 63 29.1 23.8 35.6

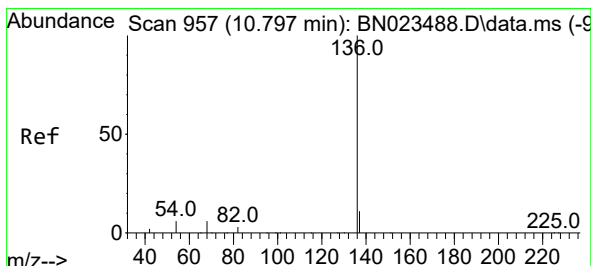
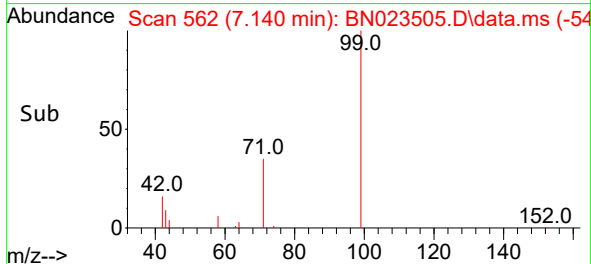
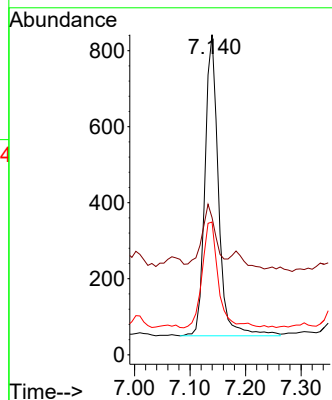
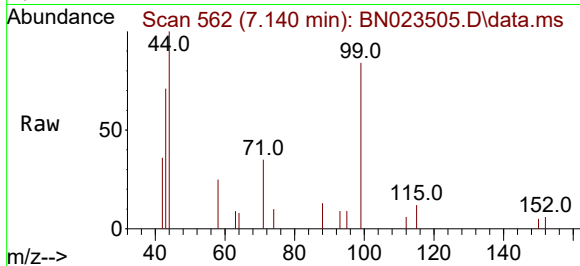




#5
Phenol-d6
Concen: 0.111 ng
RT: 7.140 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN023505.D
Acq: 28 Dec 2022 02:44

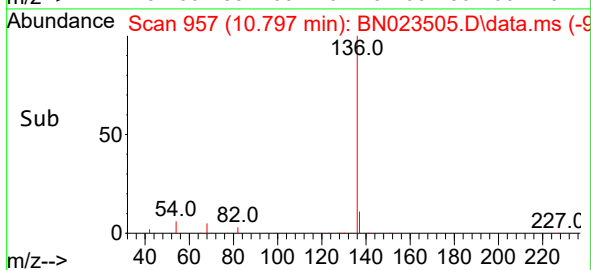
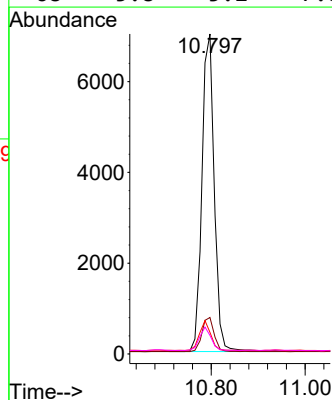
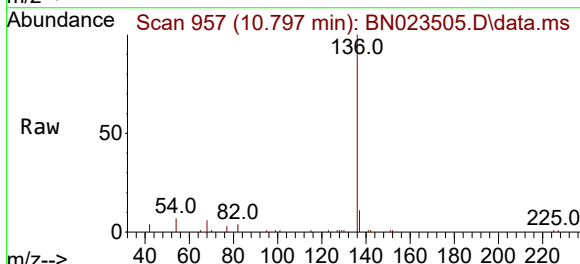
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-185-206-122122

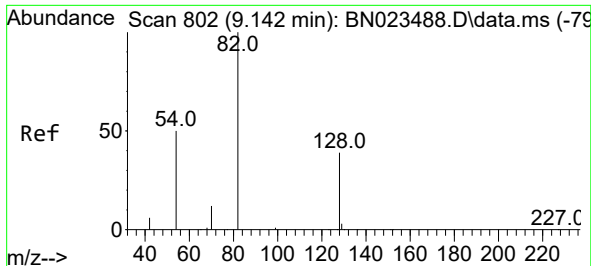
Tgt Ion: 99 Resp: 1342
Ion Ratio Lower Upper
99 100
42 20.0 16.8 25.2
71 42.0 27.0 40.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.797 min Scan# 957
Delta R.T. 0.000 min
Lab File: BN023505.D
Acq: 28 Dec 2022 02:44

Tgt Ion: 136 Resp: 12776
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 6.8 5.8 8.8
68 5.8 5.2 7.8

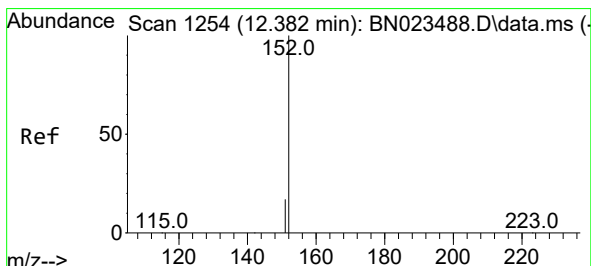
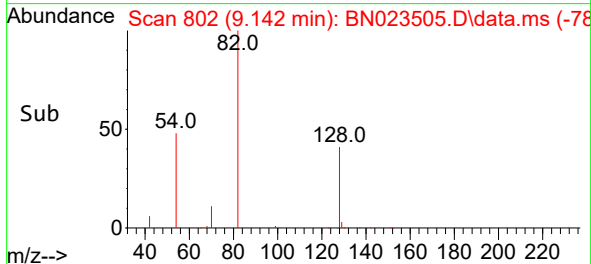
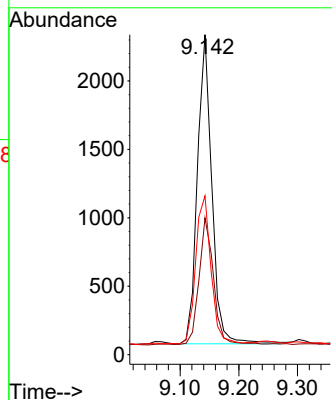
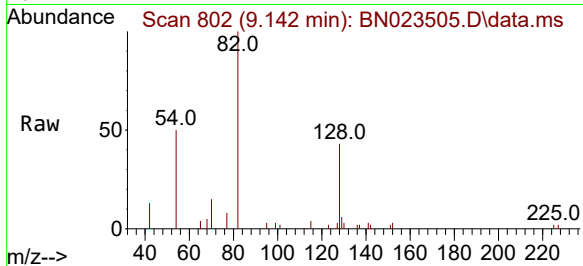




#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 9.142 min Scan# 802
Delta R.T. 0.000 min
Lab File: BN023505.D
Acq: 28 Dec 2022 02:44

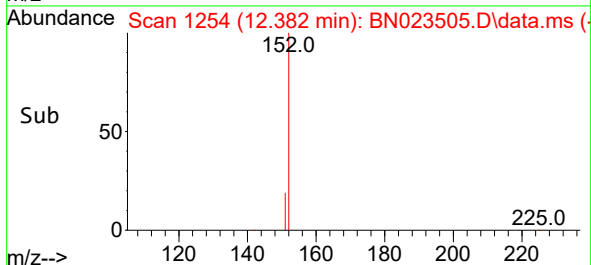
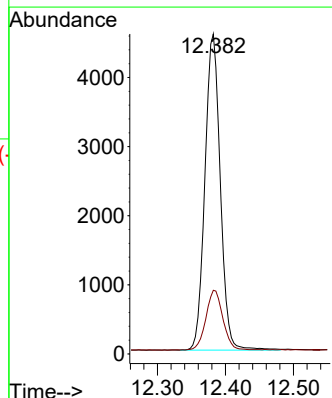
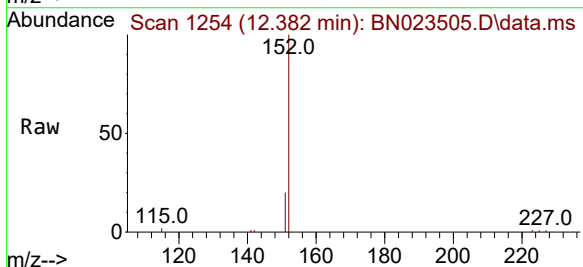
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-185-206-122122

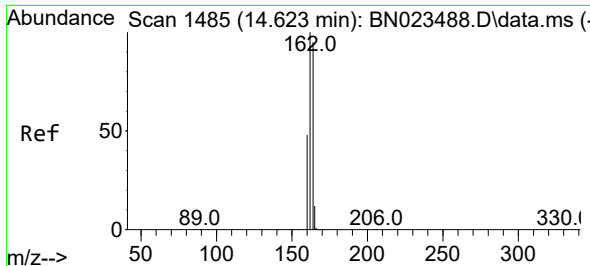
Tgt Ion: 82 Resp: 3873
Ion Ratio Lower Upper
82 100
128 42.8 32.6 49.0
54 49.7 41.4 62.0



#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.382 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BN023505.D
Acq: 28 Dec 2022 02:44

Tgt Ion: 152 Resp: 7203
Ion Ratio Lower Upper
152 100
151 20.8 14.8 22.2

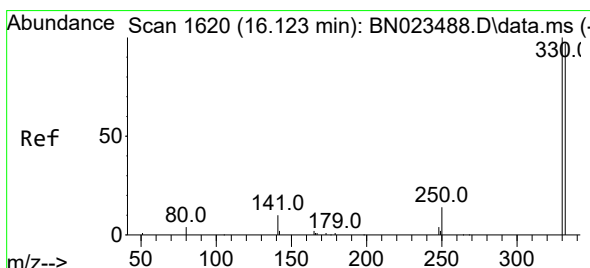
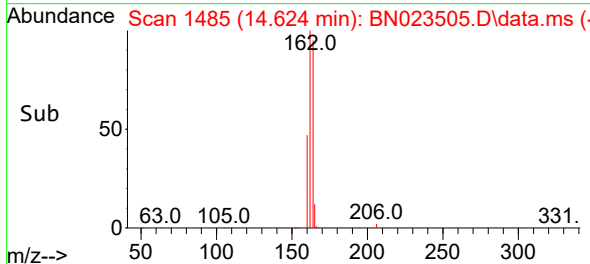
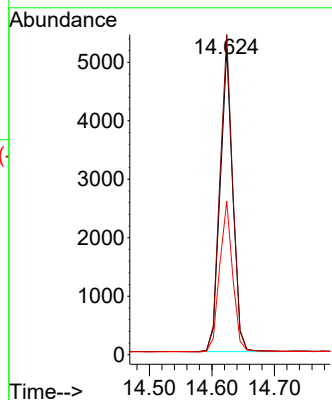
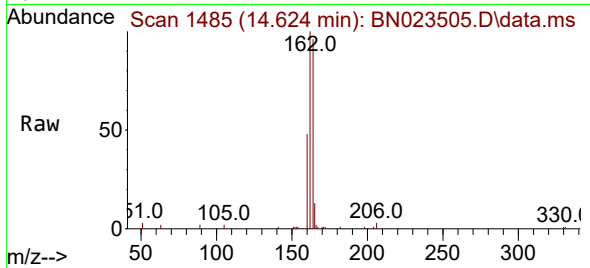




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.624 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BN023505.D
Acq: 28 Dec 2022 02:44

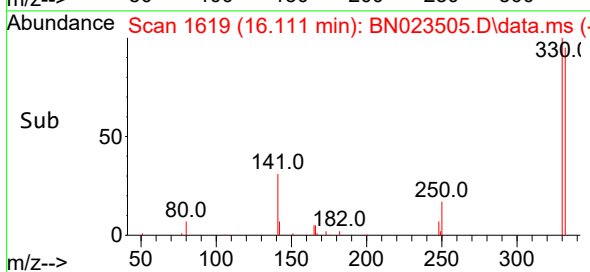
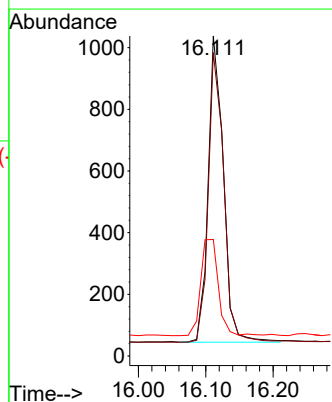
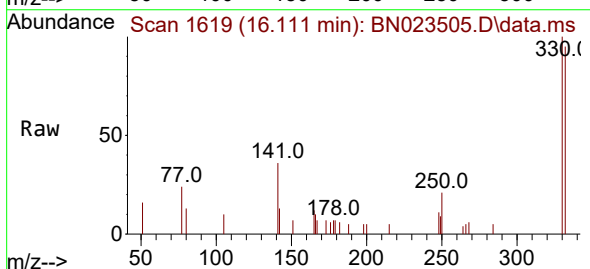
Instrument :
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GWOW-BR-04-185-206-122122

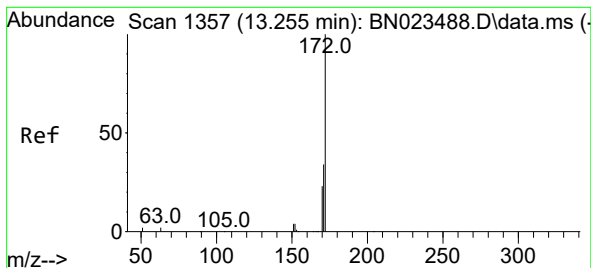
Tgt Ion:164 Resp: 7288
Ion Ratio Lower Upper
164 100
162 104.6 83.9 125.9
160 50.1 40.9 61.3



#14
2,4,6-Tribromophenol
Concen: 0.438 ng
RT: 16.111 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BN023505.D
Acq: 28 Dec 2022 02:44

Tgt Ion:330 Resp: 1564
Ion Ratio Lower Upper
330 100
332 95.5 76.7 115.1
141 36.6 29.8 44.6





#15

2-Fluorobiphenyl

Concen: 0.433 ng

RT: 13.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN023505.D

Acq: 28 Dec 2022 02:44

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-04-185-206-122122

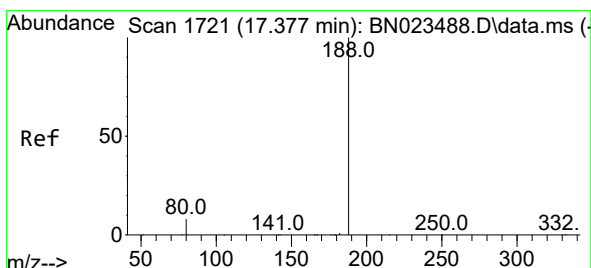
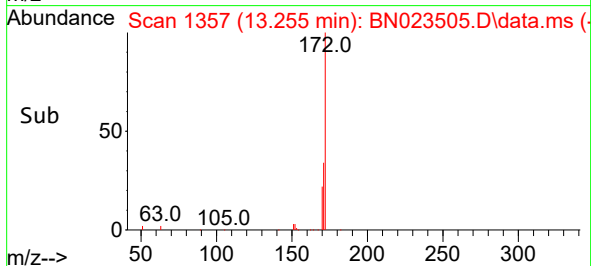
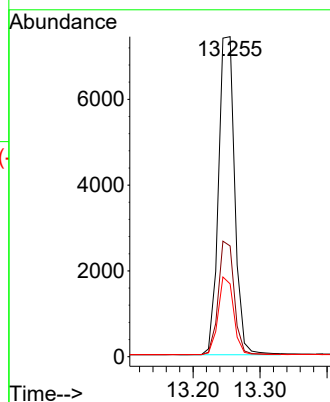
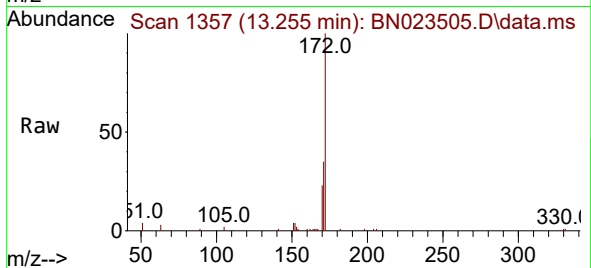
Tgt Ion:172 Resp: 12493

Ion Ratio Lower Upper

172 100

171 34.6 27.6 41.4

170 22.8 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.365 min Scan# 1720

Delta R.T. -0.012 min

Lab File: BN023505.D

Acq: 28 Dec 2022 02:44

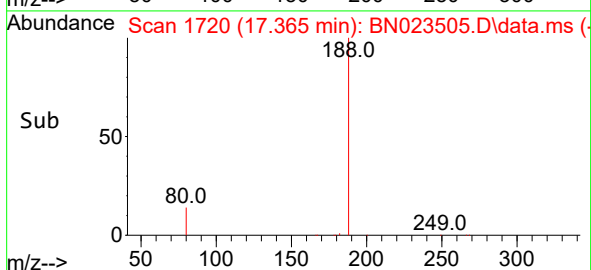
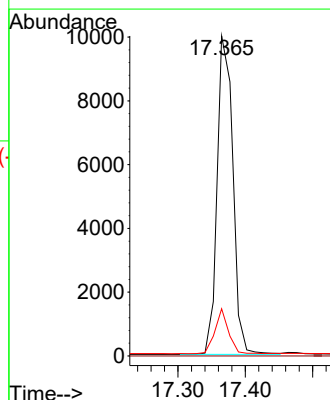
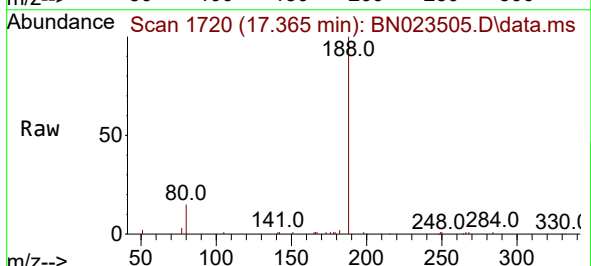
Tgt Ion:188 Resp: 16236

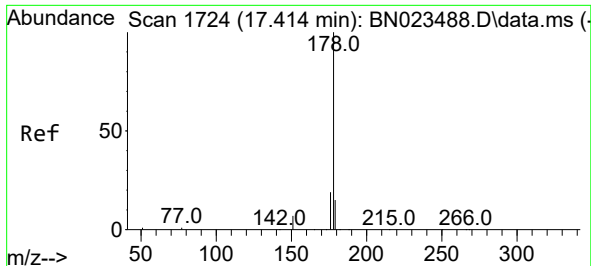
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.7 6.7 10.1#

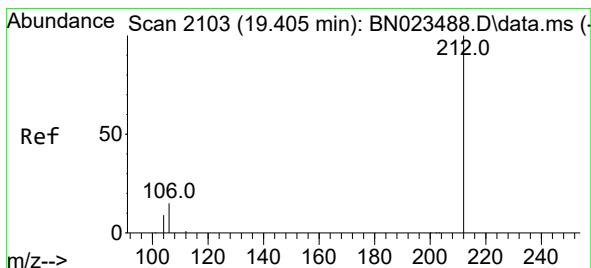
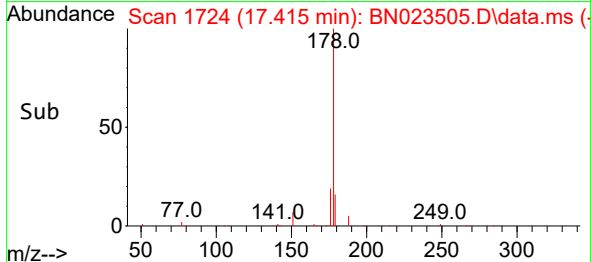
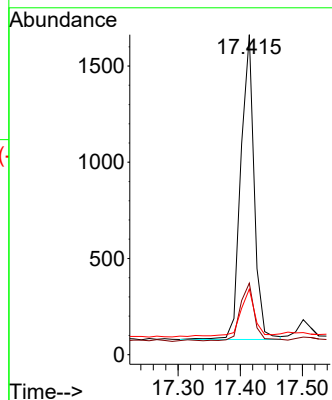
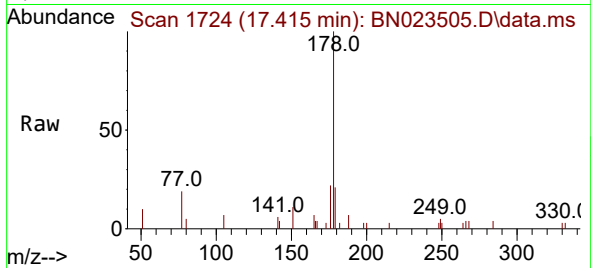




#25
Phenanthrene
Concen: 0.051 ng
RT: 17.415 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN023505.D
Acq: 28 Dec 2022 02:44

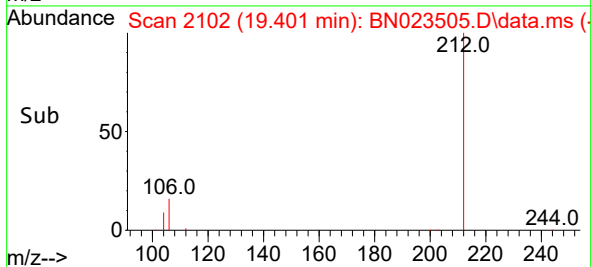
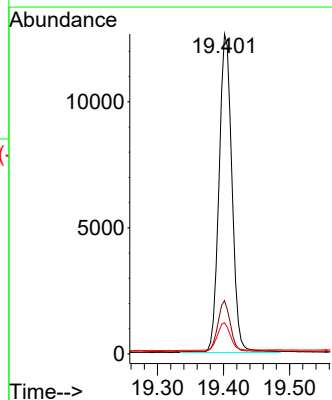
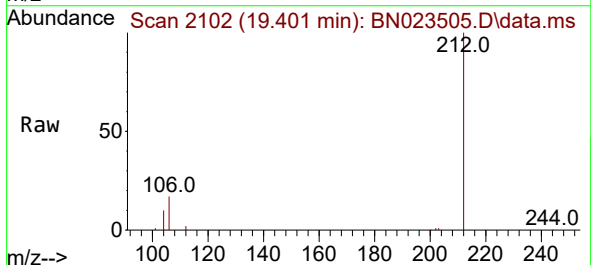
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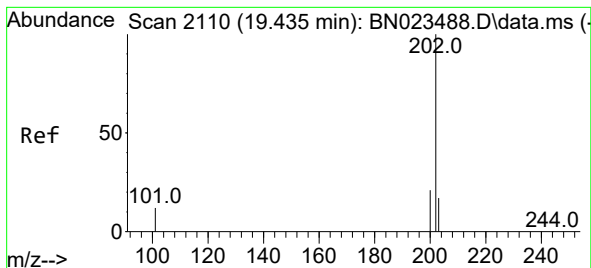
Tgt Ion:178 Resp: 2374
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 17.8 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.401 min Scan# 2102
Delta R.T. -0.004 min
Lab File: BN023505.D
Acq: 28 Dec 2022 02:44

Tgt Ion:212 Resp: 17161
Ion Ratio Lower Upper
212 100
106 15.5 12.3 18.5
104 8.7 6.8 10.2





#28

Fluoranthene

Concen: 0.041 ng

RT: 19.431 min Scan# 2110

Delta R.T. -0.004 min

Lab File: BN023505.D

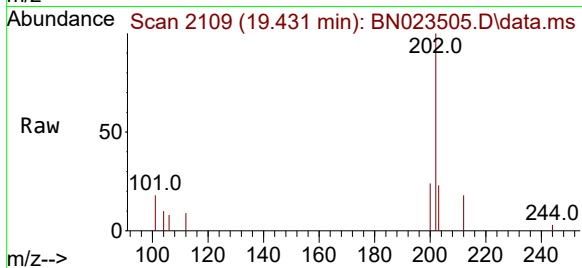
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Instrument :

BNA_N

ClientSampleId :

GWOW-BR-04-185-206-122122



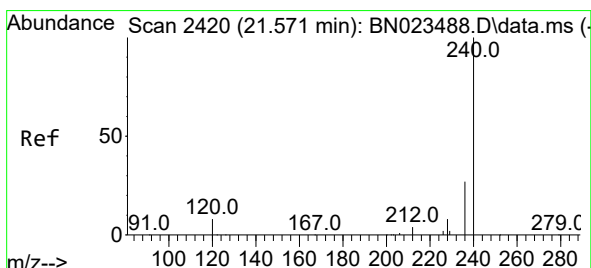
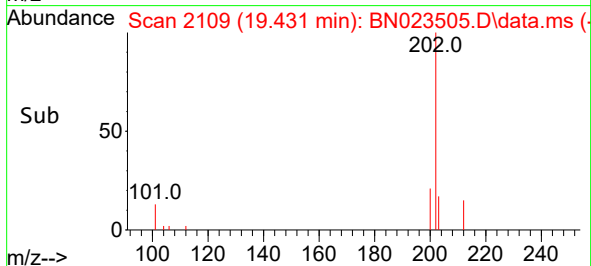
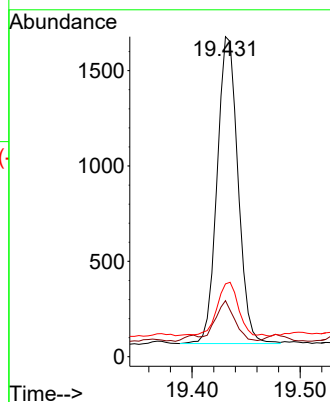
Tgt Ion:202 Resp: 2156

Ion Ratio Lower Upper

202 100

101 12.2 9.6 14.4

203 18.3 13.8 20.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.563 min Scan# 2419

Delta R.T. -0.009 min

Lab File: BN023505.D

Acq: 28 Dec 2022 02:44

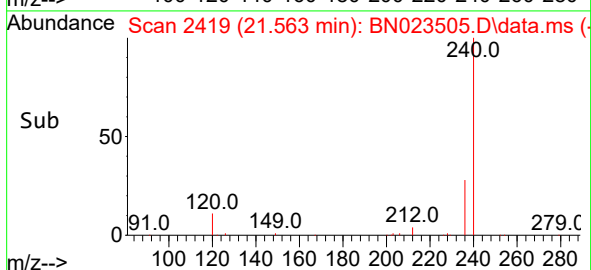
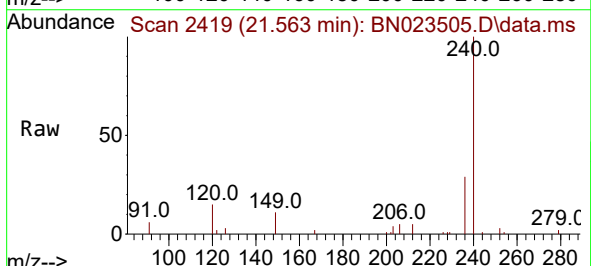
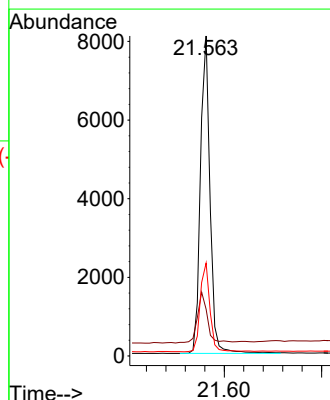
Tgt Ion:240 Resp: 11009

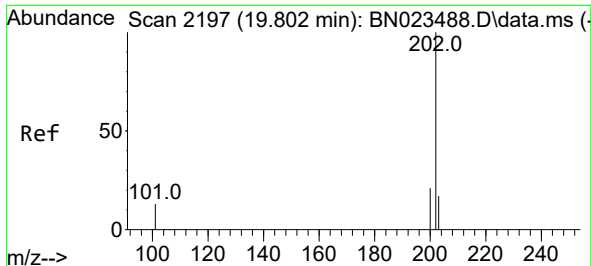
Ion Ratio Lower Upper

240 100

120 14.6 8.9 13.3#

236 29.1 22.5 33.7

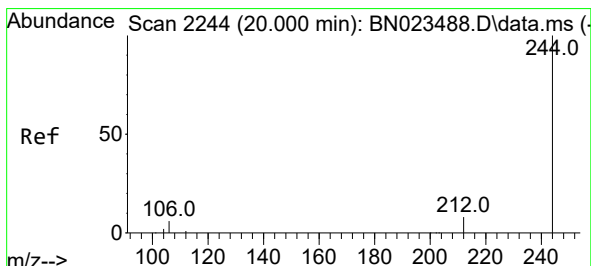
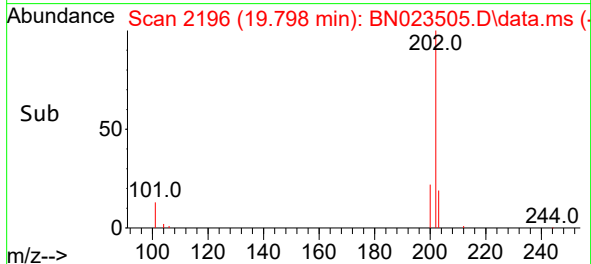
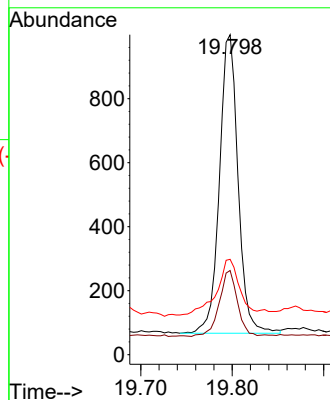
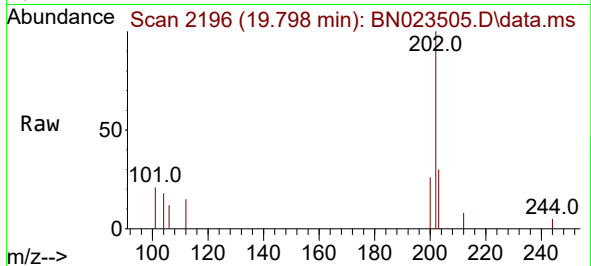




#30
Pyrene
Concen: 0.032 ng
RT: 19.798 min Scan# 2196
Delta R.T. -0.004 min
Lab File: BN023505.D
Acq: 28 Dec 2022 02:44

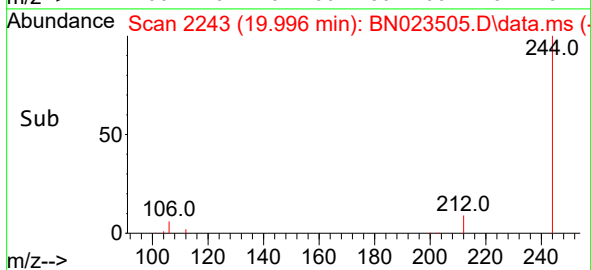
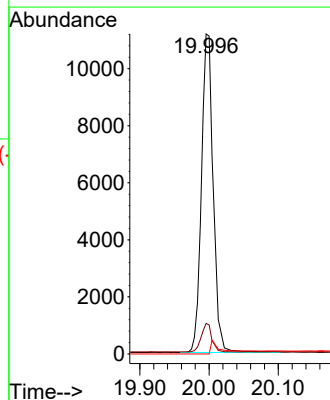
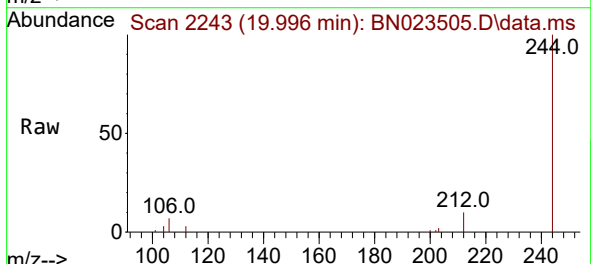
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-185-206-122122

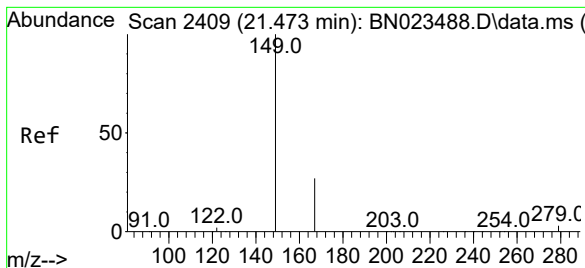
Tgt Ion:202 Resp: 1315
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 22.5 14.4 21.6#



#31
Terphenyl-d14
Concen: 0.712 ng
RT: 19.996 min Scan# 2243
Delta R.T. -0.004 min
Lab File: BN023505.D
Acq: 28 Dec 2022 02:44

Tgt Ion:244 Resp: 18269
Ion Ratio Lower Upper
244 100
212 9.5 7.4 11.0
122 0.0 0.0 0.0

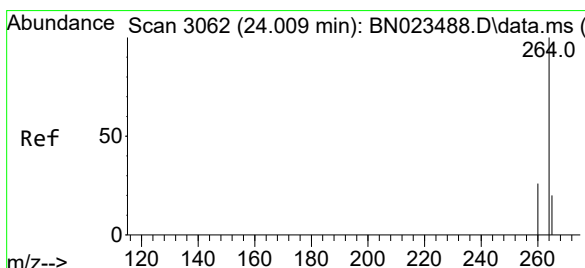
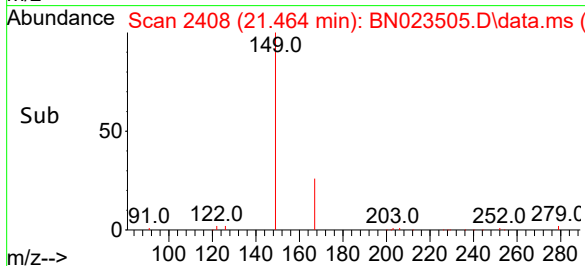
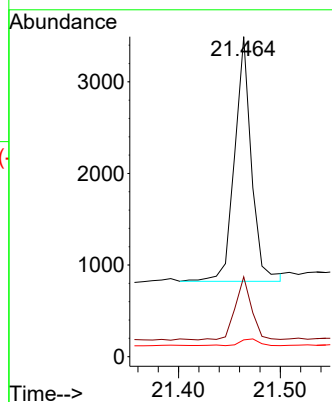
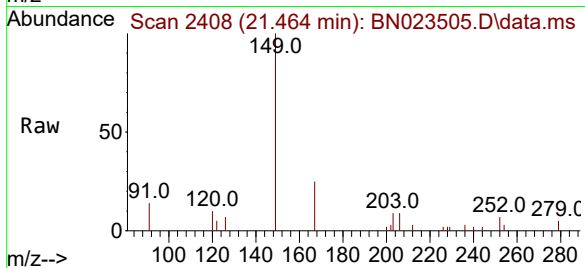




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.136 ng
RT: 21.464 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BN023505.D
Acq: 28 Dec 2022 02:44

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-185-206-122122

Tgt Ion:149 Resp: 3067
Ion Ratio Lower Upper
149 100
167 25.0 21.0 31.6
279 3.0 2.2 3.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.001 min Scan# 3059
Delta R.T. -0.009 min
Lab File: BN023505.D
Acq: 28 Dec 2022 02:44

Tgt Ion:264 Resp: 8201
Ion Ratio Lower Upper
264 100
260 26.5 21.1 31.7
265 76.8 48.9 73.3#

