

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051723\
 Data File : BN025466.D
 Acq On : 17 May 2023 22:53
 Operator : CG/JU
 Sample : 02816-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-39-051623

Quant Time: May 18 03:42:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 03:36:39 2023
 Response via : Initial Calibration

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

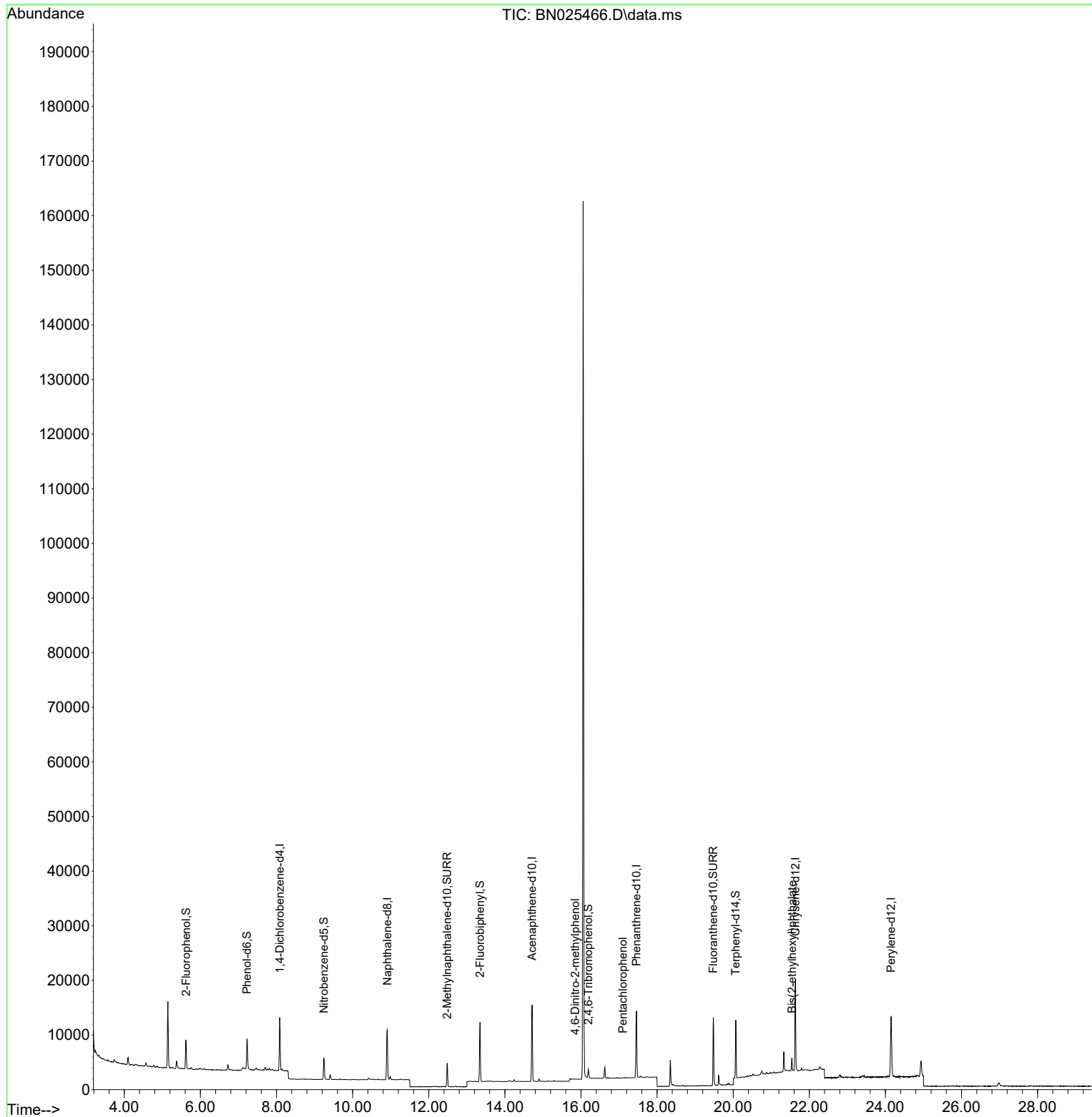
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	4774	0.400	ng	0.00
7) Naphthalene-d8	10.910	136	13287	0.400	ng	# 0.00
13) Acenaphthene-d10	14.715	164	7842	0.400	ng	0.00
19) Phenanthrene-d10	17.460	188	17962	0.400	ng	# 0.00
29) Chrysene-d12	21.634	240	15116	0.400	ng	0.00
35) Perylene-d12	24.150	264	16198	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.622	112	4514	0.440	ng	0.00
5) Phenol-d6	7.225	99	5277	0.383	ng	0.00
8) Nitrobenzene-d5	9.244	82	3090	0.340	ng	0.00
11) 2-Methylnaphthalene-d10	12.483	152	5777	0.311	ng	0.00
14) 2,4,6-Tribromophenol	16.194	330	801	0.301	ng	0.00
15) 2-Fluorobiphenyl	13.347	172	9243	0.322	ng	0.00
27) Fluoranthene-d10	19.477	212	13635	0.319	ng	0.00
31) Terphenyl-d14	20.067	244	8885	0.323	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.816	42	31	Below Cal	#	1
6) bis(2-Chloroethyl)ether	7.543	93	5	Below Cal	#	1
20) 4,6-Dinitro-2-methylph...	15.846	198	1	0.133	ng	# 1
24) Pentachlorophenol	17.100	266	38	0.213	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.544	149	2295	0.074	ng	# 97

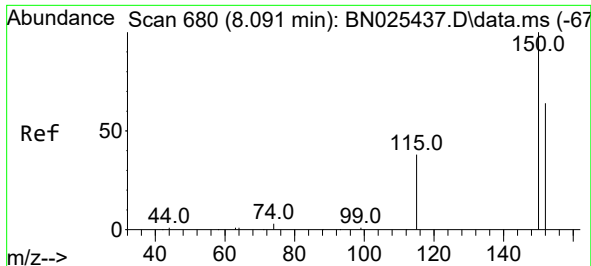
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051723\
Data File : BN025466.D
Acq On : 17 May 2023 22:53
Operator : CG/JU
Sample : 02816-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-39-051623

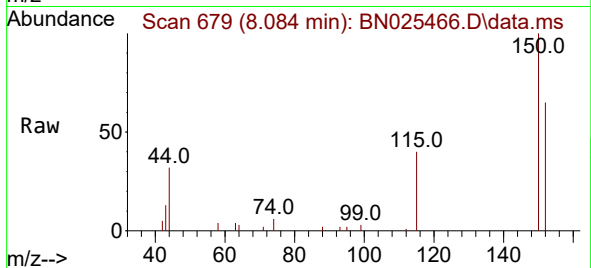
Quant Time: May 18 03:42:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 03:36:39 2023
Response via : Initial Calibration



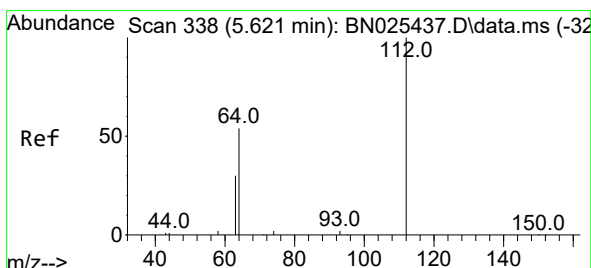
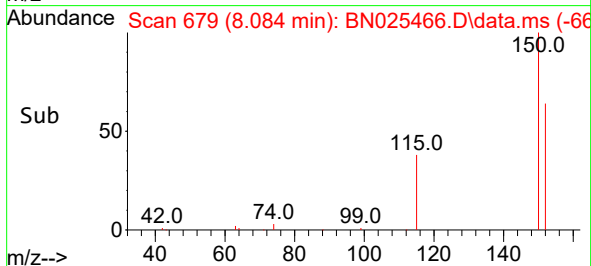
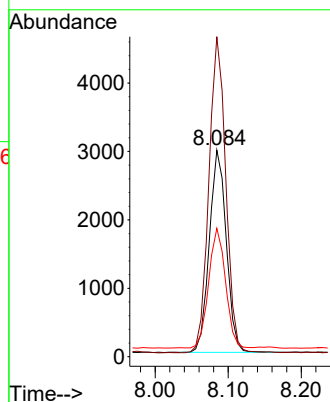


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.084 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025466.D
Acq: 17 May 2023 22:53

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-39-051623

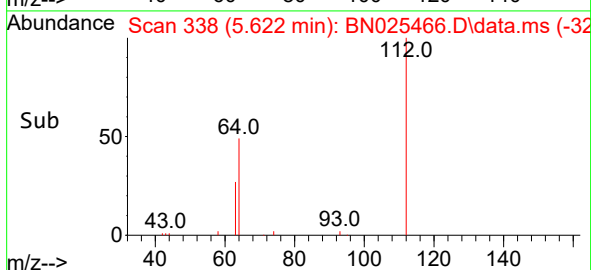
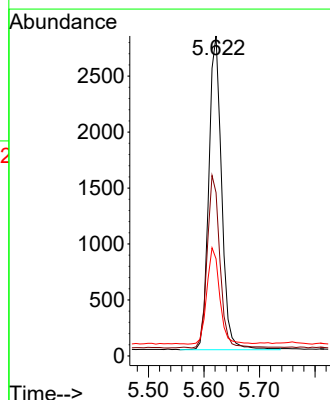
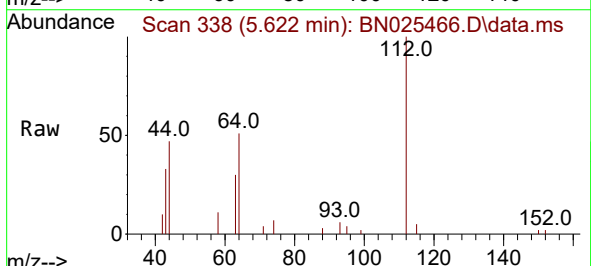


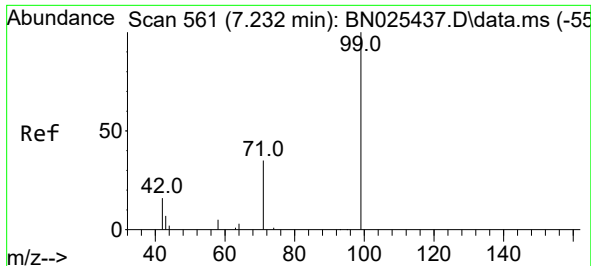
Tgt Ion:152 Resp: 4774
Ion Ratio Lower Upper
152 100
150 154.9 123.7 185.5
115 62.1 50.0 75.0



#4
2-Fluorophenol
Concen: 0.440 ng
RT: 5.622 min Scan# 338
Delta R.T. 0.007 min
Lab File: BN025466.D
Acq: 17 May 2023 22:53

Tgt Ion:112 Resp: 4514
Ion Ratio Lower Upper
112 100
64 54.7 43.9 65.9
63 30.6 25.0 37.4

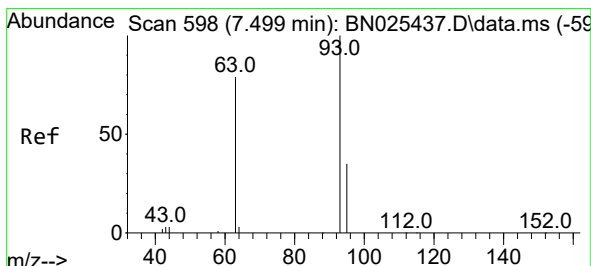
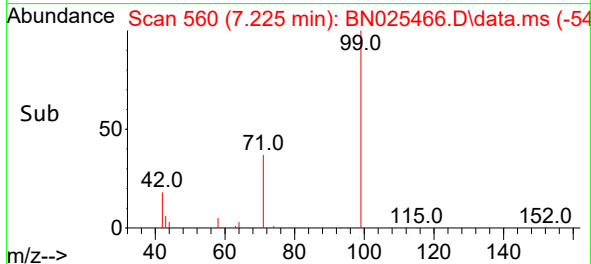
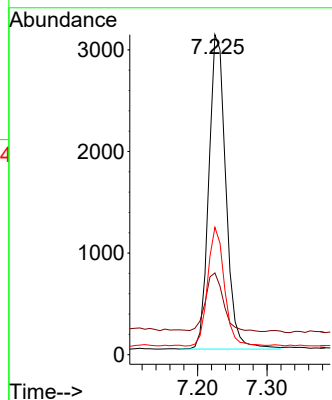
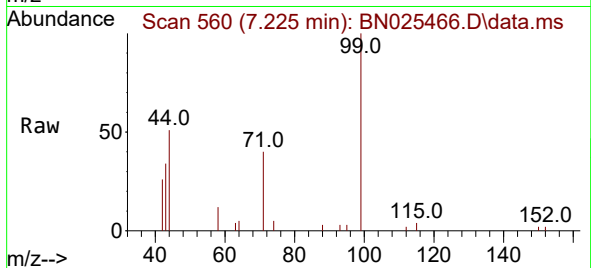




#5
Phenol-d6
Concen: 0.383 ng
RT: 7.225 min Scan# 501
Delta R.T. 0.000 min
Lab File: BN025466.D
Acq: 17 May 2023 22:53

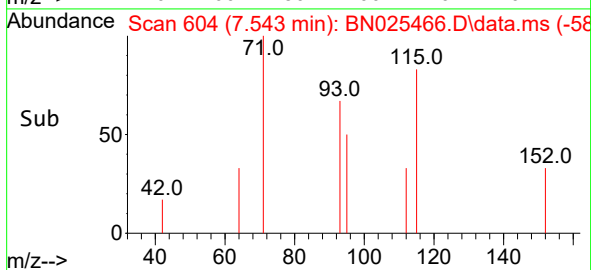
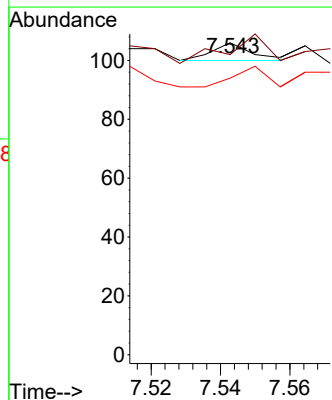
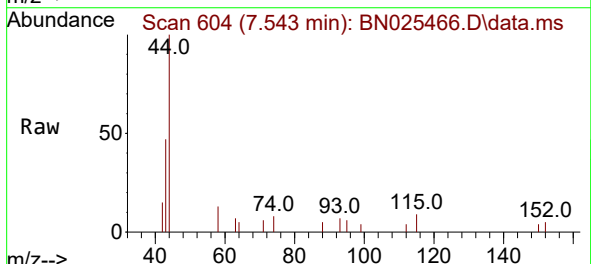
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-39-051623

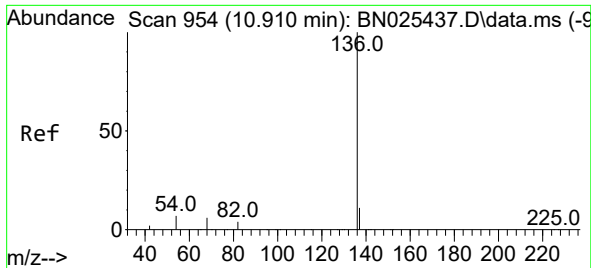
Tgt Ion: 99 Resp: 5277
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 37.1 29.4 44.0



#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 7.543 min Scan# 604
Delta R.T. 0.043 min
Lab File: BN025466.D
Acq: 17 May 2023 22:53

Tgt Ion: 93 Resp: 5
Ion Ratio Lower Upper
93 100
63 180.0 48.5 72.7#
95 80.0 22.0 33.0#

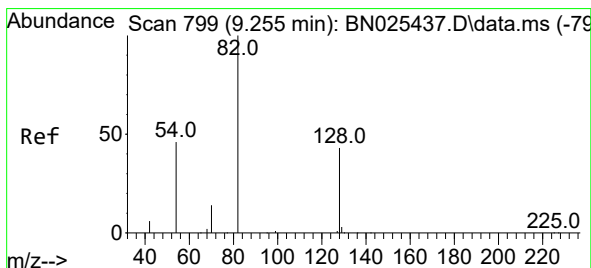
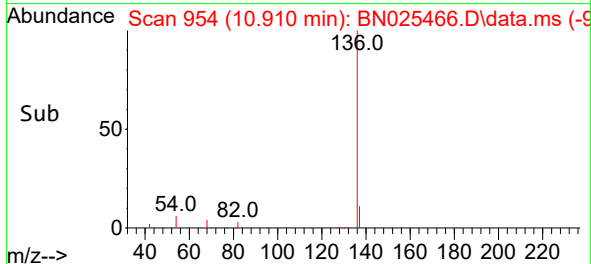
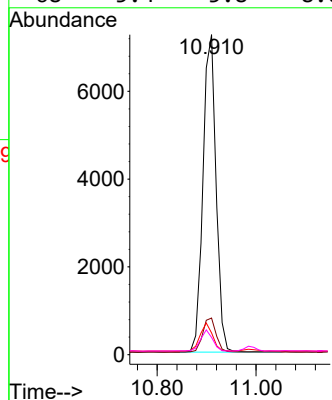
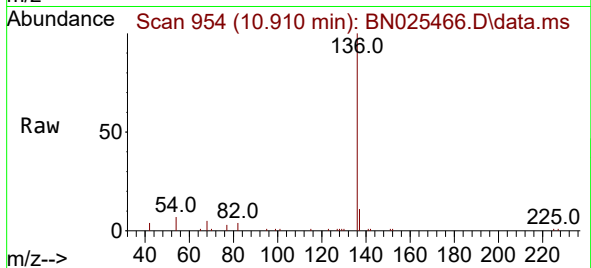




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.910 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN025466.D
Acq: 17 May 2023 22:53

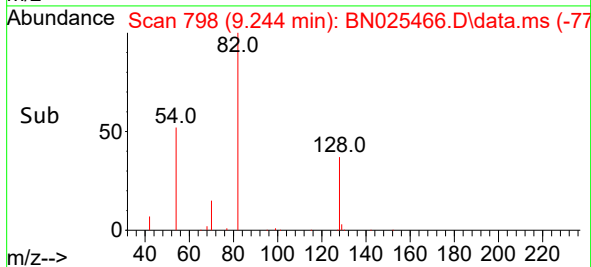
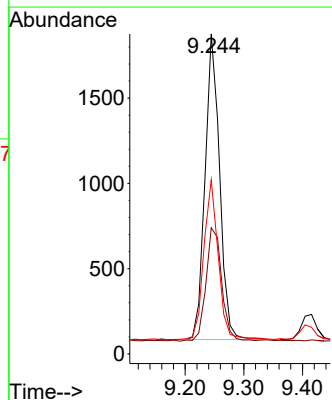
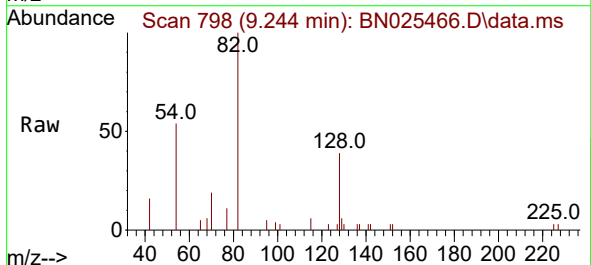
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-39-051623

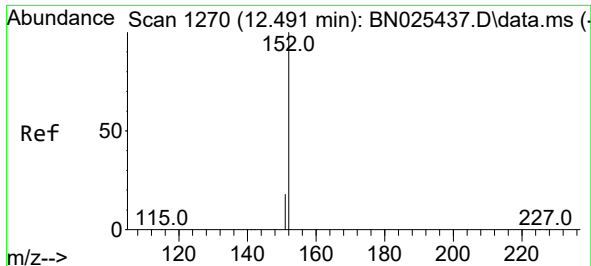
Tgt Ion:136 Resp: 13287
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.0
54 6.8 7.0 10.4#
68 5.4 5.8 8.6#



#8
Nitrobenzene-d5
Concen: 0.340 ng
RT: 9.244 min Scan# 798
Delta R.T. 0.000 min
Lab File: BN025466.D
Acq: 17 May 2023 22:53

Tgt Ion: 82 Resp: 3090
Ion Ratio Lower Upper
82 100
128 39.4 35.7 53.5
54 54.4 38.6 57.8

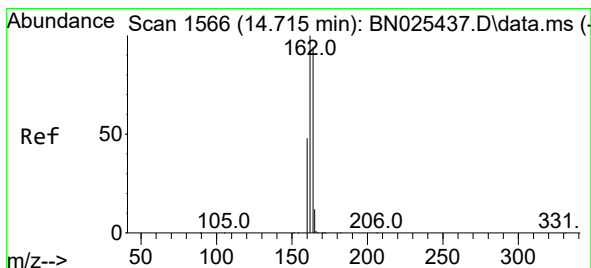
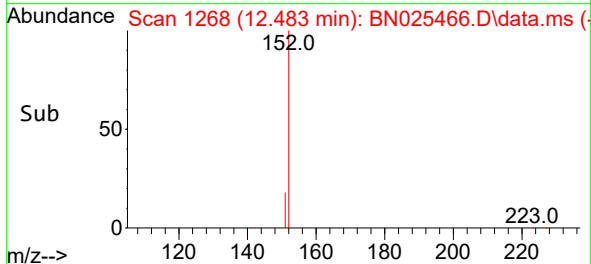
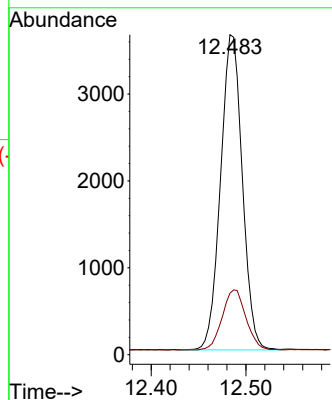
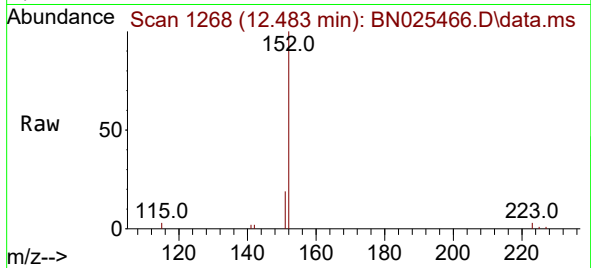




#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.483 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN025466.D
Acq: 17 May 2023 22:53

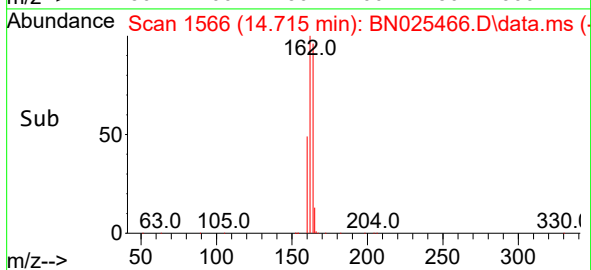
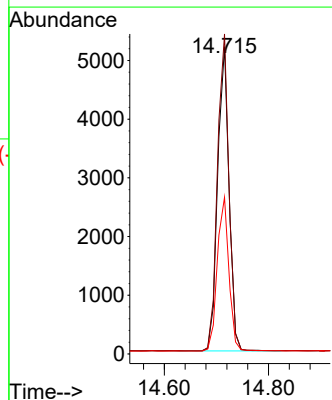
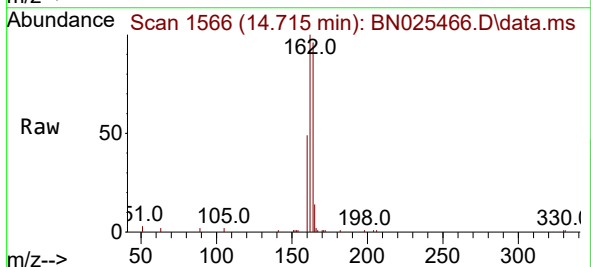
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-39-051623

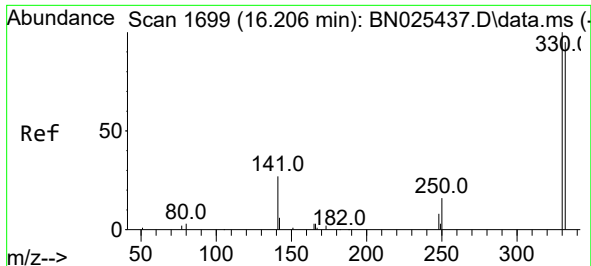
Tgt Ion:152 Resp: 5777
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.715 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN025466.D
Acq: 17 May 2023 22:53

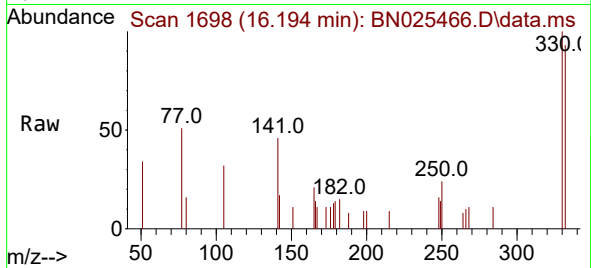
Tgt Ion:164 Resp: 7842
Ion Ratio Lower Upper
164 100
162 104.2 84.8 127.2
160 51.0 40.6 61.0



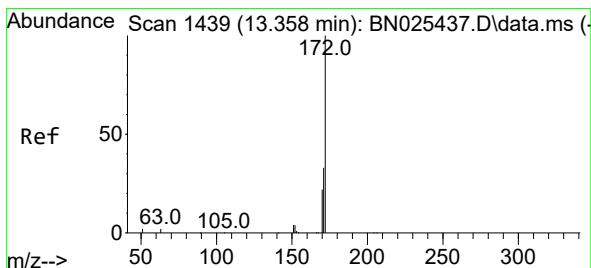
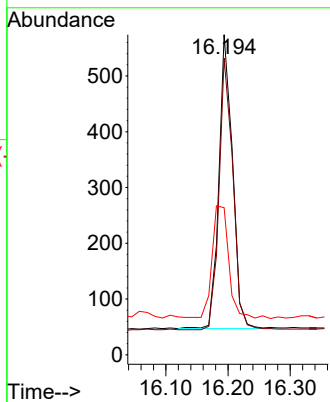
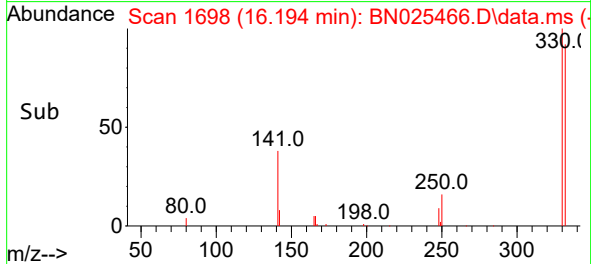


#14
 2,4,6-Tribromophenol
 Concen: 0.301 ng
 RT: 16.194 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: BN025466.D
 Acq: 17 May 2023 22:53

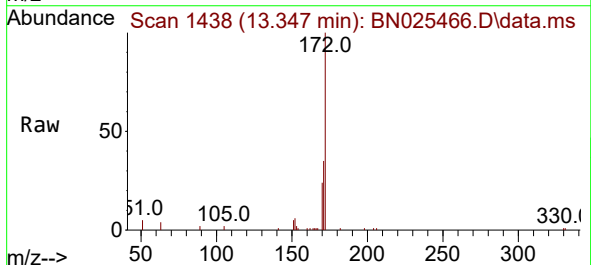
Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-39-051623



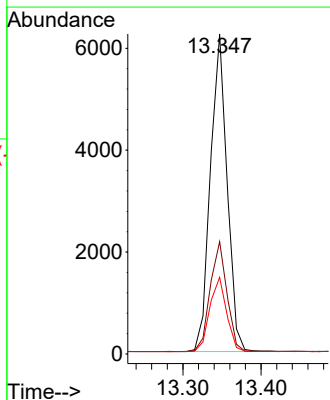
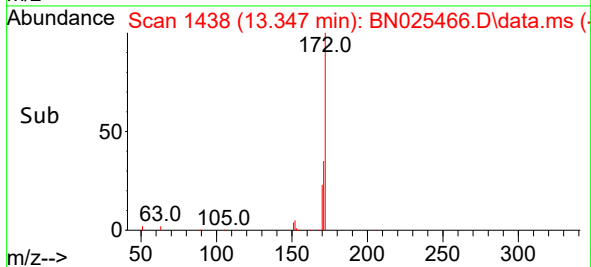
Tgt Ion: 330 Resp: 801
 Ion Ratio Lower Upper
 330 100
 332 93.8 75.5 113.3
 141 46.4 35.3 52.9

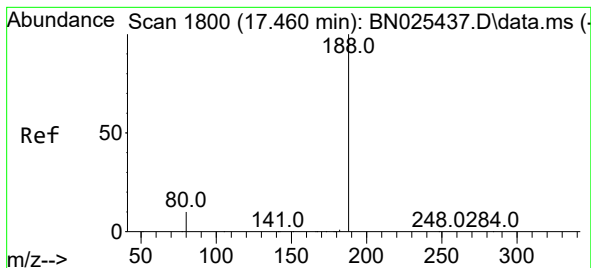


#15
 2-Fluorobiphenyl
 Concen: 0.322 ng
 RT: 13.347 min Scan# 1438
 Delta R.T. 0.000 min
 Lab File: BN025466.D
 Acq: 17 May 2023 22:53



Tgt Ion: 172 Resp: 9243
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.0 40.6
 170 24.0 18.2 27.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.460 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BN025466.D

Acq: 17 May 2023 22:53

Instrument :

BNA_N

ClientSampleId :

CB-22-K2-SO-39-051623

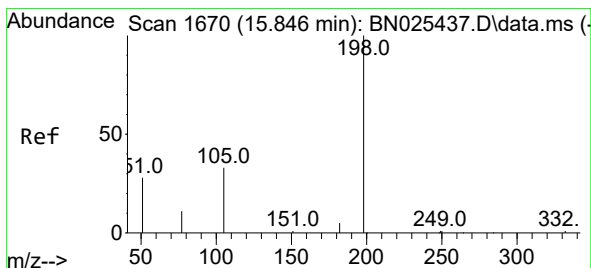
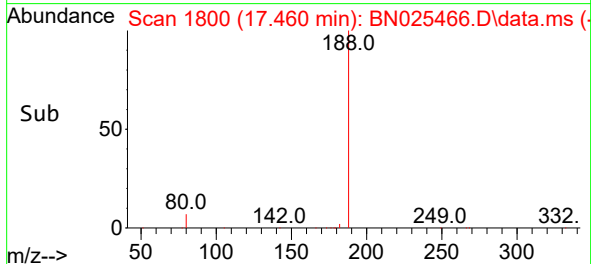
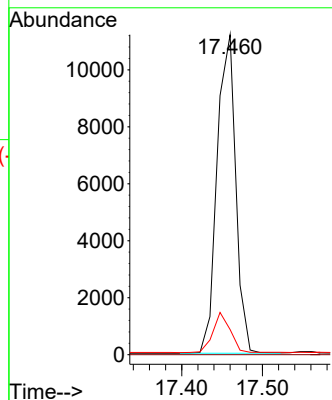
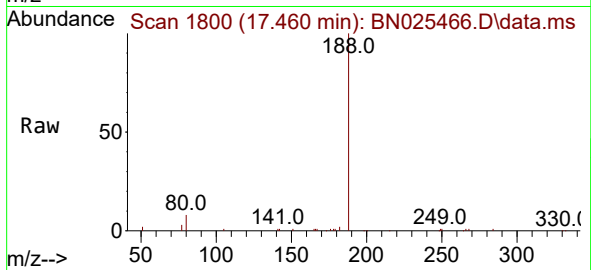
Tgt Ion:188 Resp: 17962

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.8 8.7 13.1#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.133 ng

RT: 15.846 min Scan# 1670

Delta R.T. 0.025 min

Lab File: BN025466.D

Acq: 17 May 2023 22:53

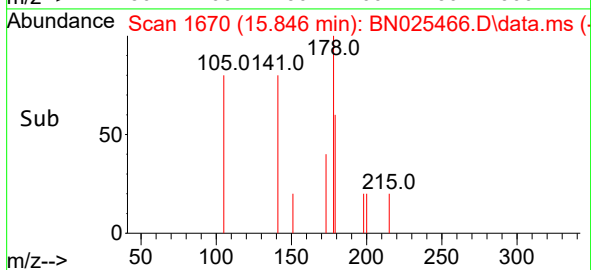
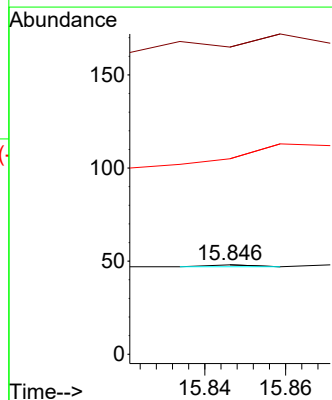
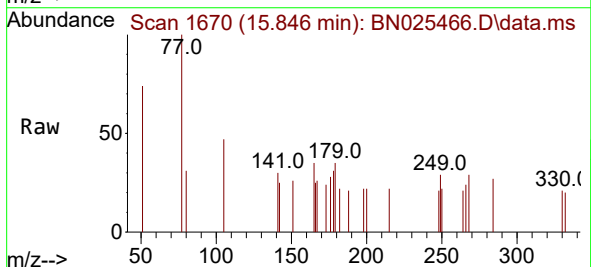
Tgt Ion:198 Resp: 1

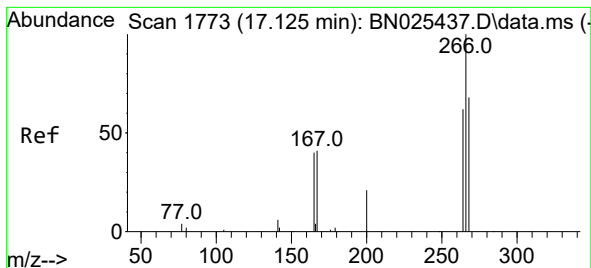
Ion Ratio Lower Upper

198 100

51 343.8 68.5 102.7#

105 218.8 57.6 86.4#





#24

Pentachlorophenol

Concen: 0.213 ng

RT: 17.100 min Scan# 1773

Delta R.T. -0.012 min

Lab File: BN025466.D

Acq: 17 May 2023 22:53

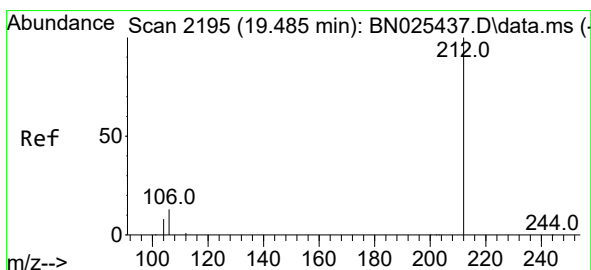
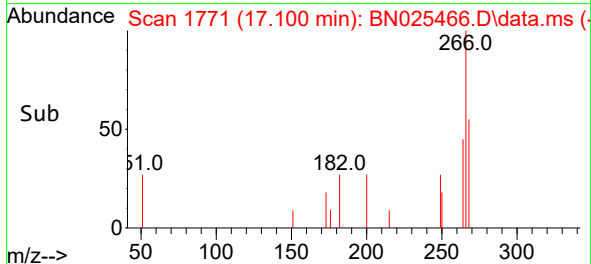
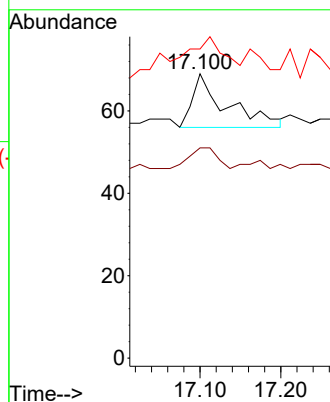
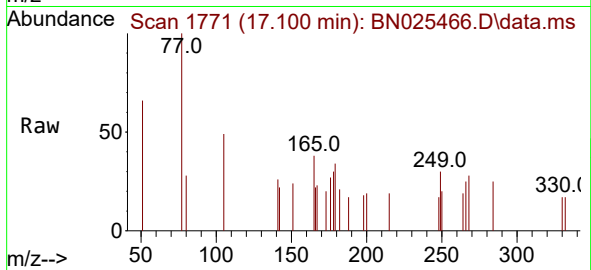
Instrument :

BNA_N

ClientSampleId :

CB-22-K2-SO-39-051623

Tgt Ion:266	Resp:	38
Ion Ratio	Lower	Upper
266	100	
264	31.6	49.5 74.3#
268	68.4	51.0 76.4



#27

Fluoranthene-d10

Concen: 0.319 ng

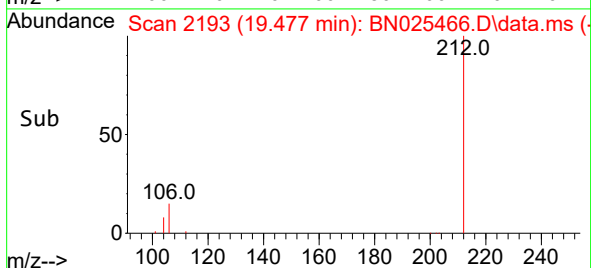
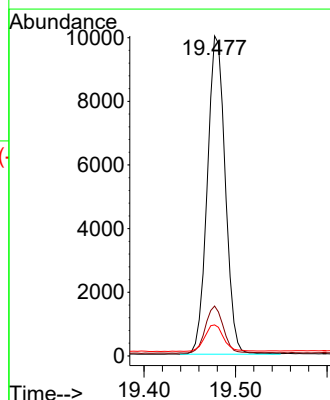
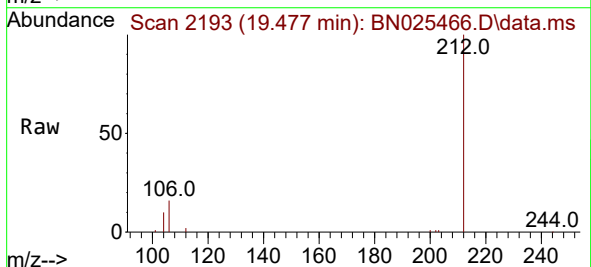
RT: 19.477 min Scan# 2193

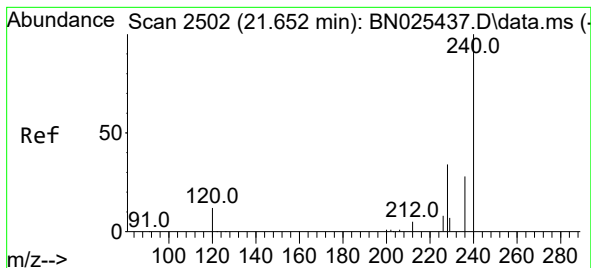
Delta R.T. -0.004 min

Lab File: BN025466.D

Acq: 17 May 2023 22:53

Tgt Ion:212	Resp:	13635
Ion Ratio	Lower	Upper
212	100	
106	15.0	11.1 16.7
104	9.0	6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.634 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN025466.D

Acq: 17 May 2023 22:53

Instrument :

BNA_N

ClientSampleId :

CB-22-K2-SO-39-051623

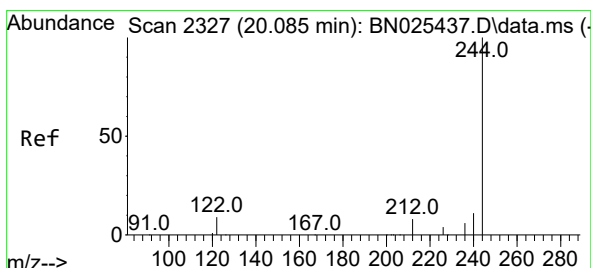
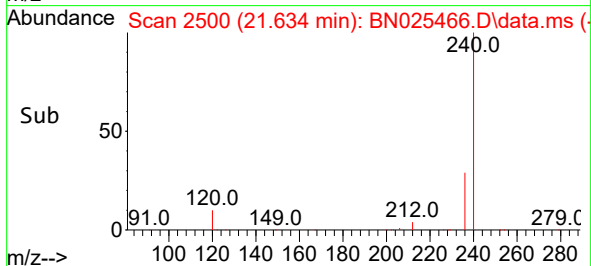
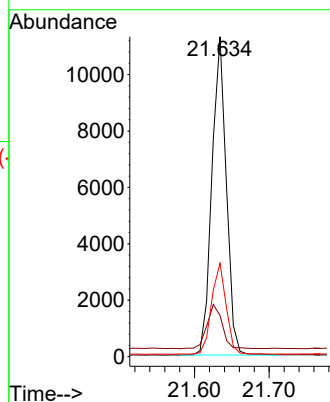
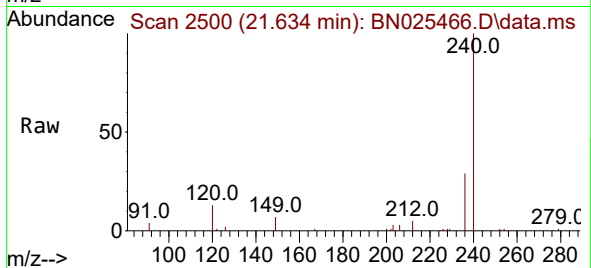
Tgt Ion:240 Resp: 15116

Ion Ratio Lower Upper

240 100

120 12.9 11.6 17.4

236 29.2 22.9 34.3



#31

Terphenyl-d14

Concen: 0.323 ng

RT: 20.067 min Scan# 2325

Delta R.T. -0.009 min

Lab File: BN025466.D

Acq: 17 May 2023 22:53

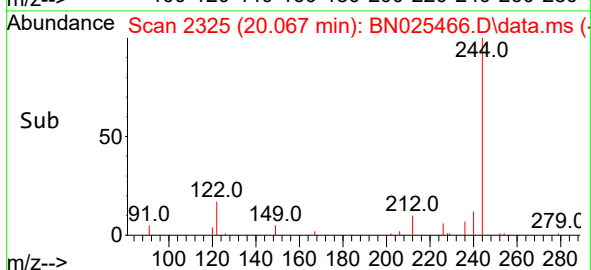
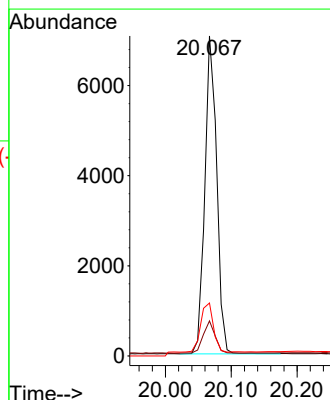
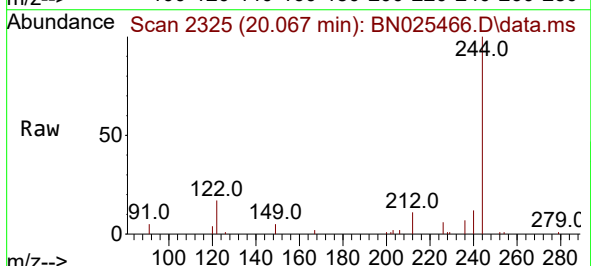
Tgt Ion:244 Resp: 8885

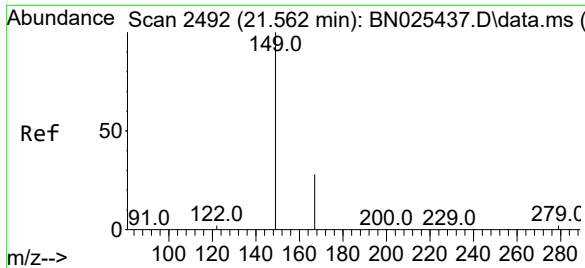
Ion Ratio Lower Upper

244 100

212 10.9 6.9 10.3#

122 16.5 7.4 11.2#

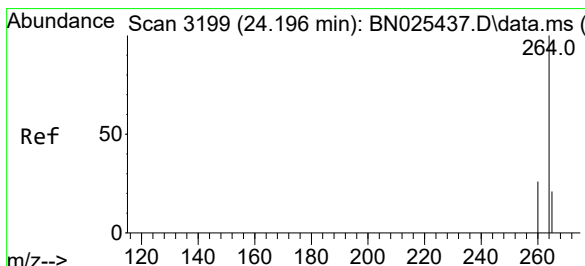
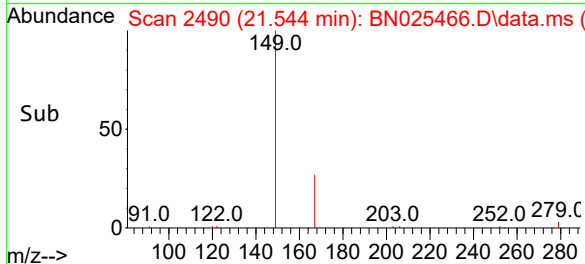
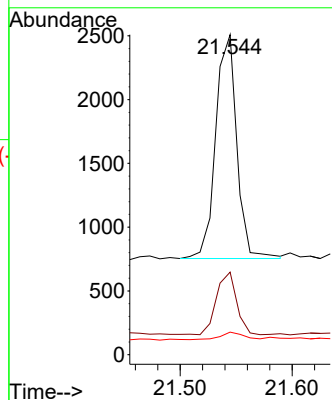
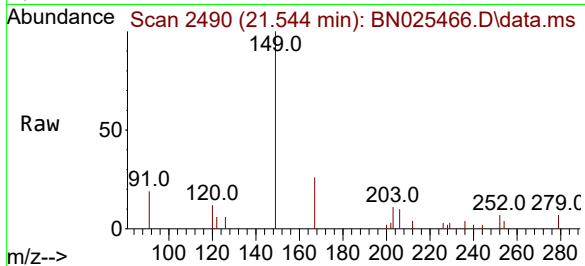




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.074 ng
 RT: 21.544 min Scan# 2490
 Delta R.T. -0.009 min
 Lab File: BN025466.D
 Acq: 17 May 2023 22:53

Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-39-051623

Tgt Ion:149 Resp: 2295
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.2 33.4
 279 4.5 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.150 min Scan# 3183
 Delta R.T. -0.029 min
 Lab File: BN025466.D
 Acq: 17 May 2023 22:53

Tgt Ion:264 Resp: 16198
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.0 31.6
 265 37.5 25.5 38.3

