

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025706.D
 Acq On : 29 May 2023 07:07
 Operator : CG/JU
 Sample : 02944-14
 Misc :
 ALS Vial : 105 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-478-480

Quant Time: May 29 07:48:15 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)

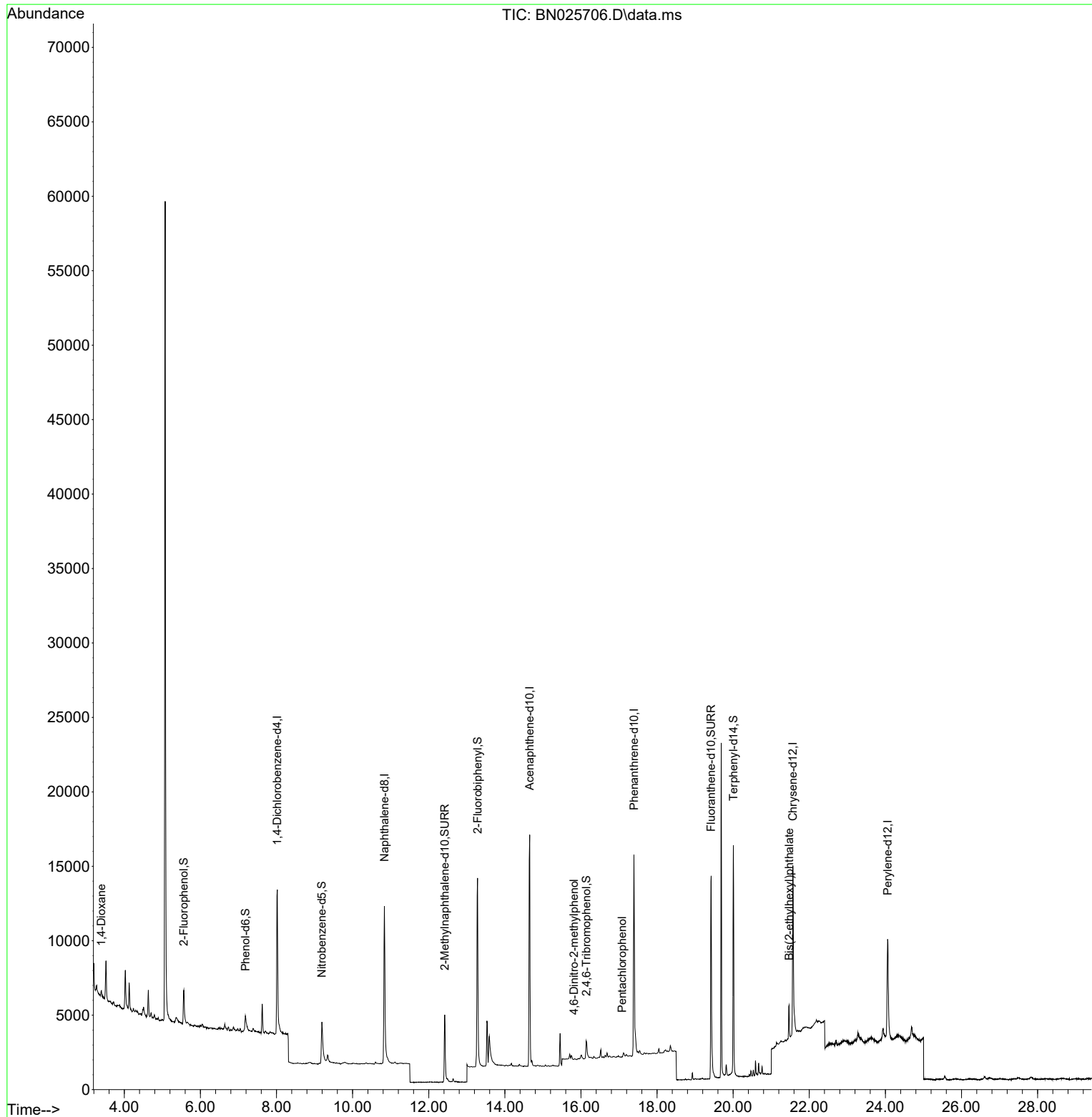
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5946	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	16976	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9869	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	20434	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	12953	0.400	ng	0.00
35) Perylene-d12	24.060	264	11458	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	2548	0.167	ng	0.00
5) Phenol-d6	7.182	99	1728	0.095	ng	0.00
8) Nitrobenzene-d5	9.191	82	3972	0.279	ng	0.00
11) 2-Methylnaphthalene-d10	12.419	152	7768	0.321	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	879	0.441	ng	-0.01
15) 2-Fluorobiphenyl	13.283	172	13191	0.324	ng	0.00
27) Fluoranthene-d10	19.421	212	16985	0.367	ng	0.00
31) Terphenyl-d14	20.006	244	13893	0.490	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	247	0.036	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.817	198	1	0.114	ng	# 1
24) Pentachlorophenol	17.083	266	14	0.376	ng	# 37
34) Bis(2-ethylhexyl)phtha...	21.471	149	2594	0.088	ng	# 98

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

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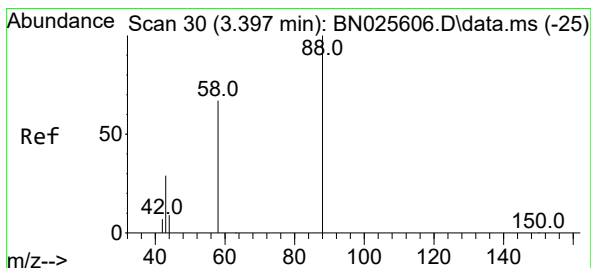
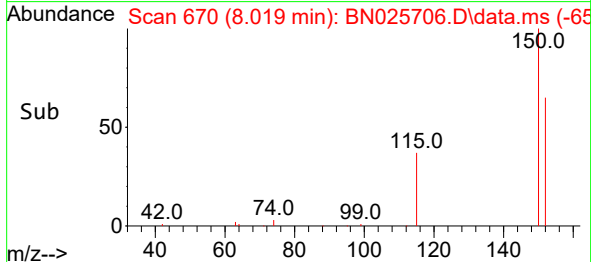
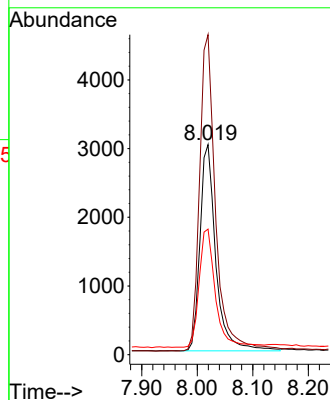
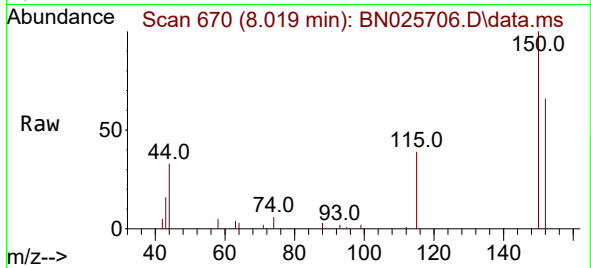




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.019 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025706.D
 Acq: 29 May 2023 07:07

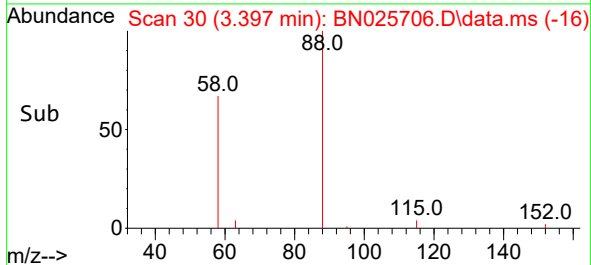
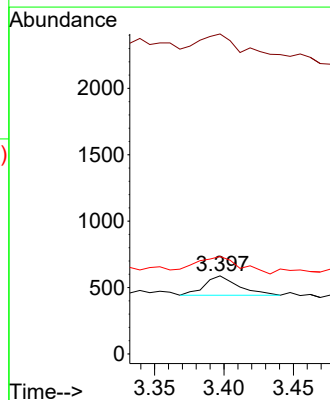
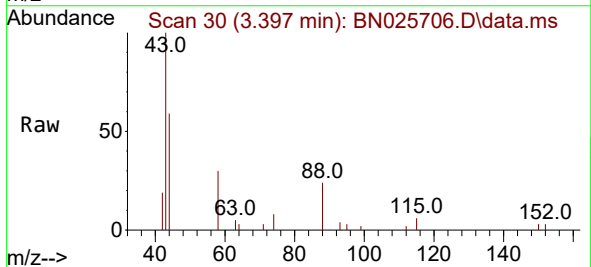
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-478-480

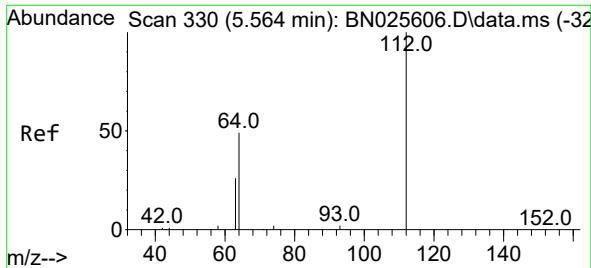
Tgt Ion:152 Resp: 5946
 Ion Ratio Lower Upper
 152 100
 150 152.4 121.0 181.6
 115 59.8 48.5 72.7



#2
 1,4-Dioxane
 Concen: 0.036 ng
 RT: 3.397 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN025706.D
 Acq: 29 May 2023 07:07

Tgt Ion: 88 Resp: 247
 Ion Ratio Lower Upper
 88 100
 43 137.7 26.5 39.7#
 58 120.6 56.8 85.2#

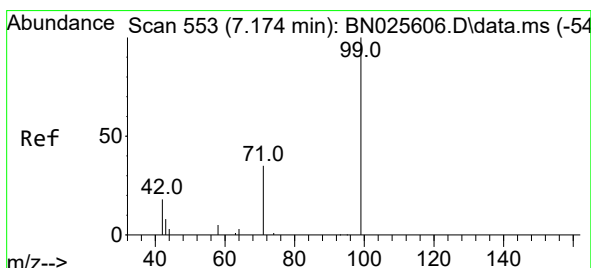
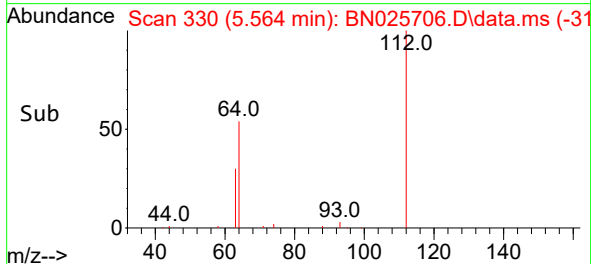
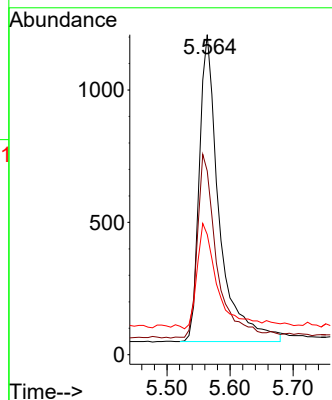
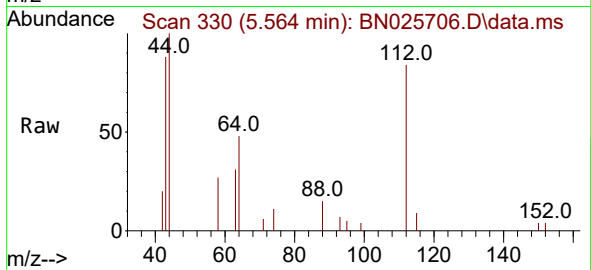




#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.564 min Scan# 330
Delta R.T. 0.007 min
Lab File: BN025706.D
Acq: 29 May 2023 07:07

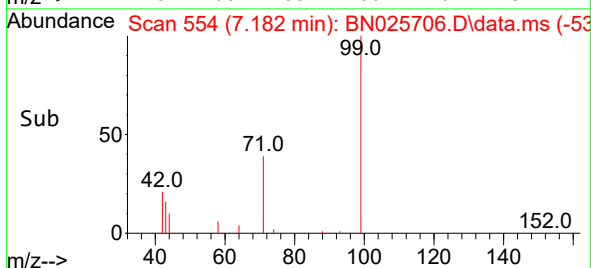
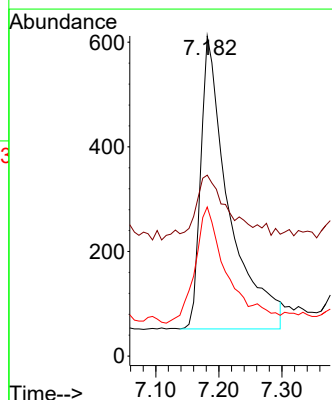
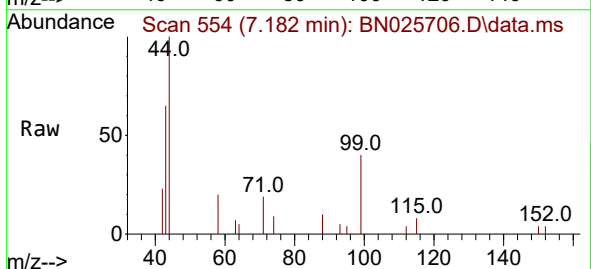
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-478-480

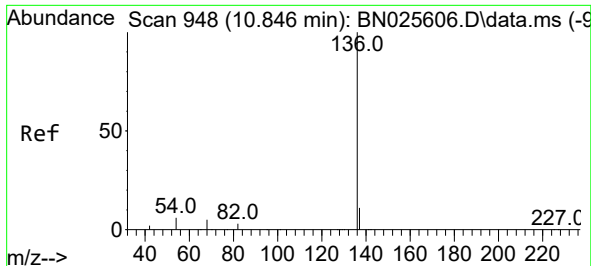
Tgt Ion:112 Resp: 2548
Ion Ratio Lower Upper
112 100
64 58.1 45.7 68.5
63 34.9 26.2 39.2



#5
Phenol-d6
Concen: 0.095 ng
RT: 7.182 min Scan# 554
Delta R.T. 0.007 min
Lab File: BN025706.D
Acq: 29 May 2023 07:07

Tgt Ion: 99 Resp: 1728
Ion Ratio Lower Upper
99 100
42 20.5 17.1 25.7
71 45.7 29.3 43.9#

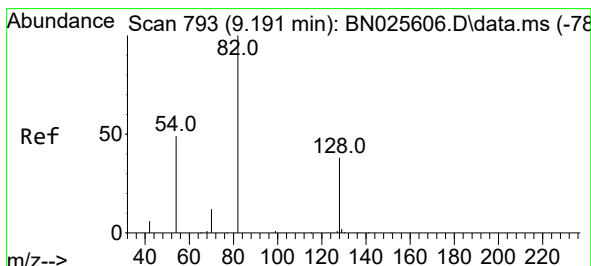
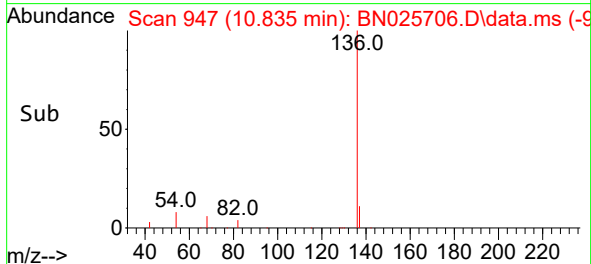
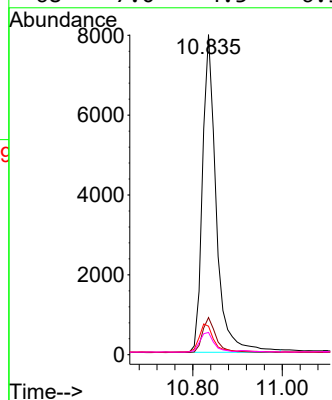
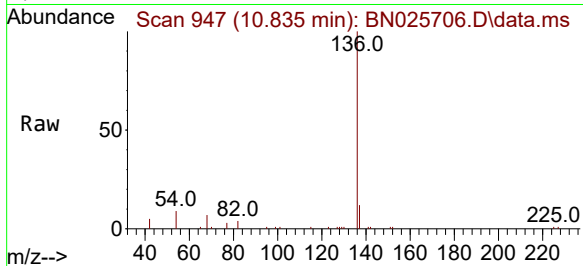




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025706.D
Acq: 29 May 2023 07:07

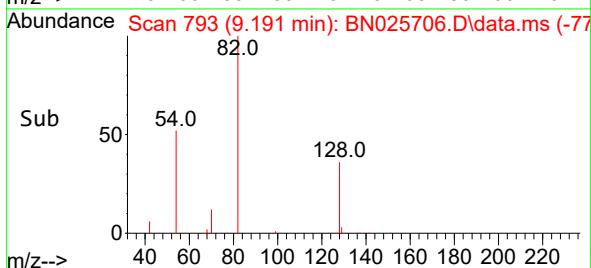
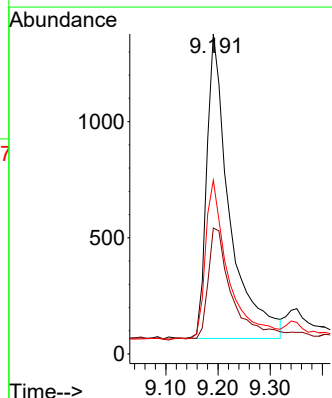
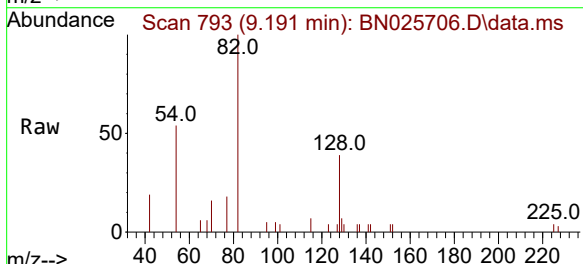
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-478-480

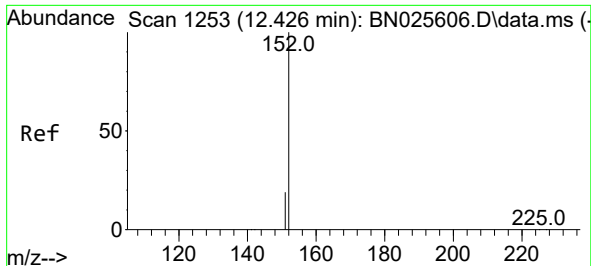
Tgt Ion:	136	Resp:	16976
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.9	5.4	8.0#
68	7.0	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 9.191 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN025706.D
Acq: 29 May 2023 07:07

Tgt Ion:	82	Resp:	3972
Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.5	48.7
54	54.3	40.6	60.8





#11

2-Methylnaphthalene-d10

Concen: 0.321 ng

RT: 12.419 min Scan# 1251

Delta R.T. -0.004 min

Lab File: BN025706.D

Acq: 29 May 2023 07:07

Instrument :

BNA_N

ClientSampleId :

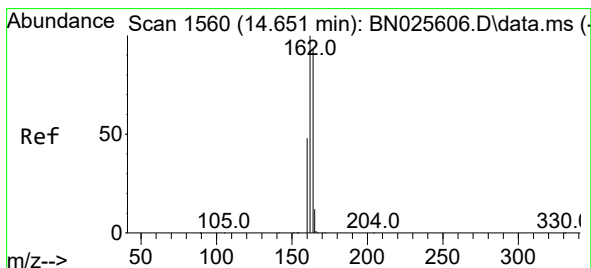
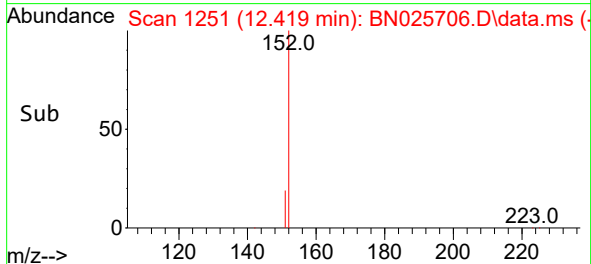
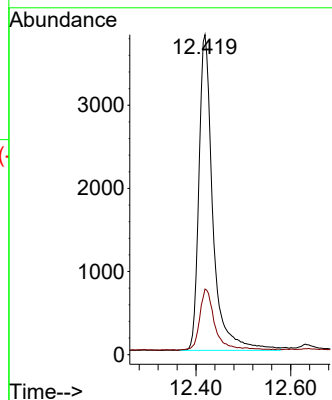
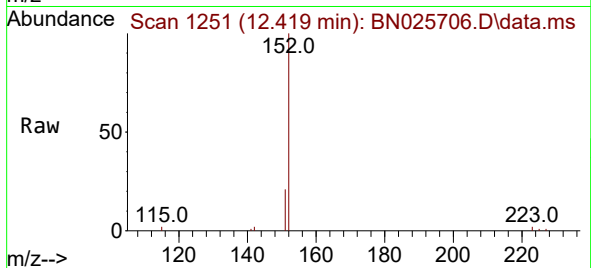
BP-VPB-RW11-GW-478-480

Tgt Ion:152 Resp: 7768

Ion Ratio Lower Upper

152 100

151 20.6 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: BN025706.D

Acq: 29 May 2023 07:07

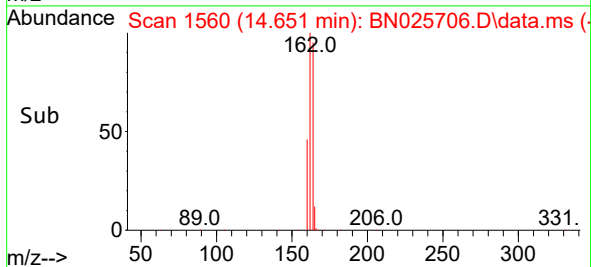
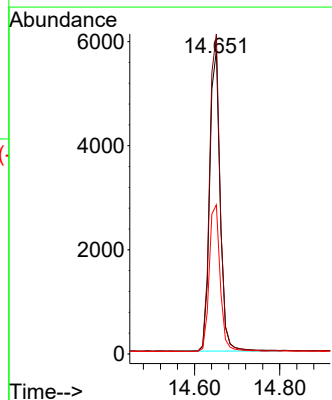
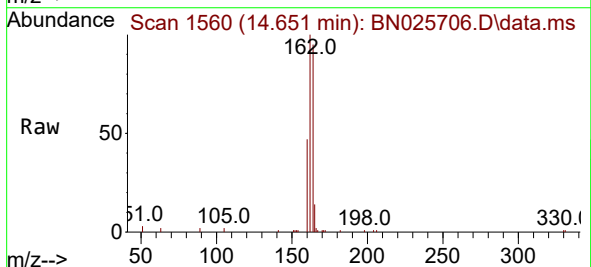
Tgt Ion:164 Resp: 9869

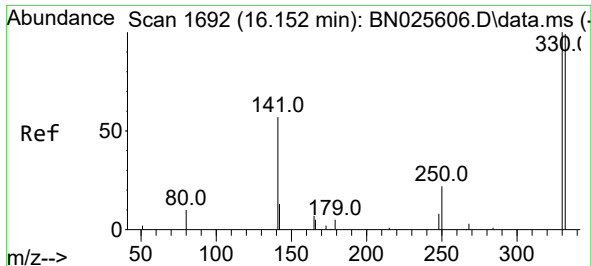
Ion Ratio Lower Upper

164 100

162 105.5 86.4 129.6

160 49.2 41.9 62.9

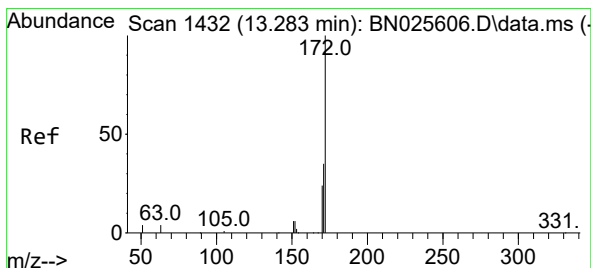
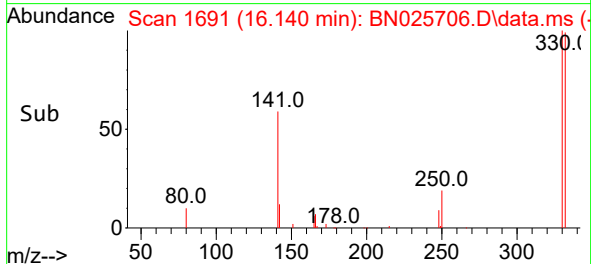
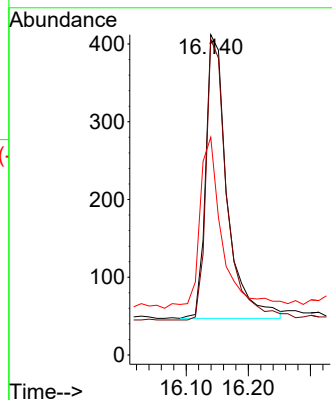
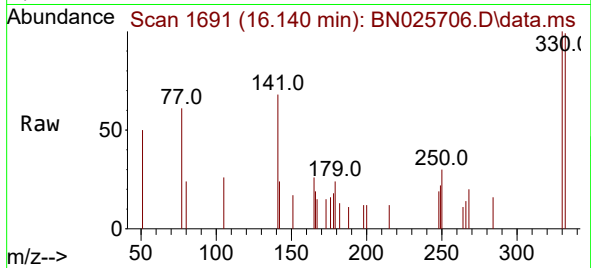




#14
2,4,6-Tribromophenol
Concen: 0.441 ng
RT: 16.140 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN025706.D
Acq: 29 May 2023 07:07

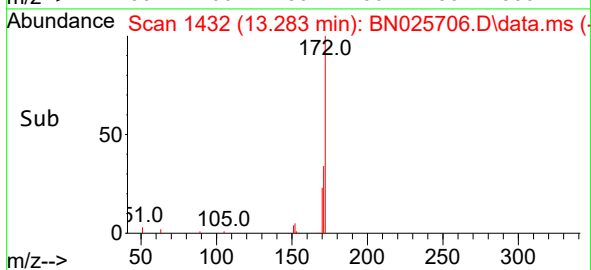
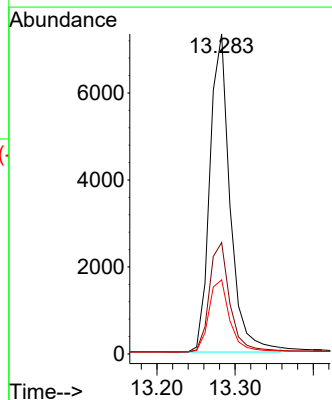
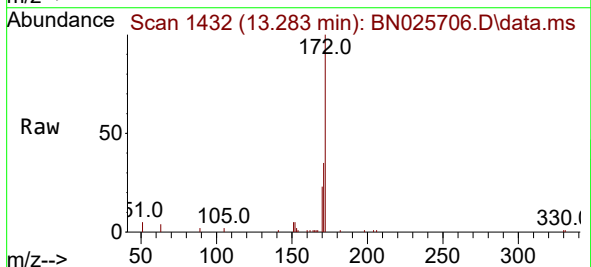
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-478-480

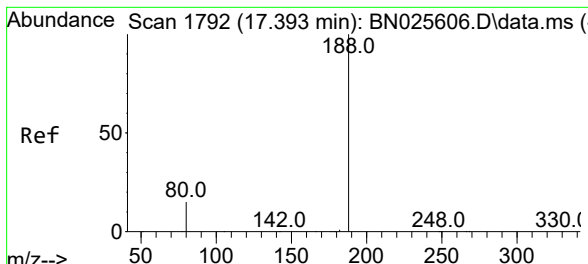
Tgt Ion:330 Resp: 879
Ion Ratio Lower Upper
330 100
332 96.4 80.0 120.0
141 56.2 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025706.D
Acq: 29 May 2023 07:07

Tgt Ion:172 Resp: 13191
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.1 19.7 29.5

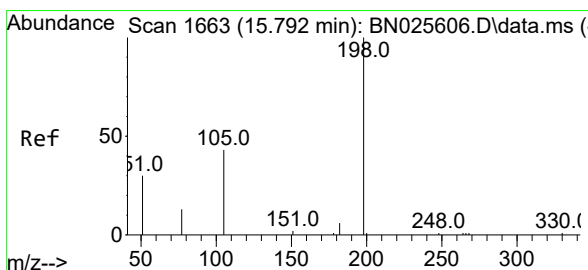
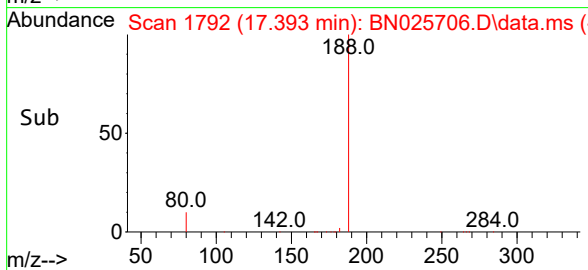
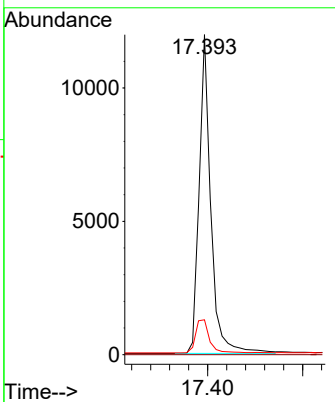
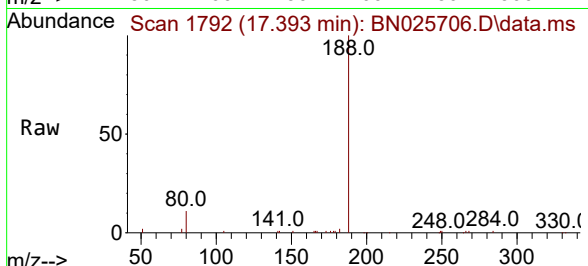




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN025706.D
Acq: 29 May 2023 07:07

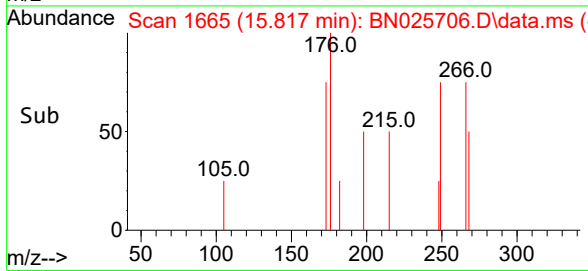
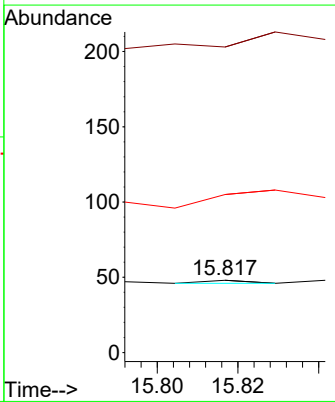
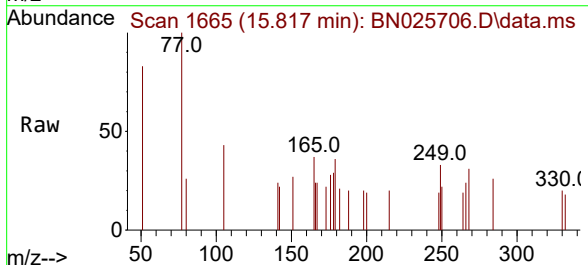
Instrument : BNA_N
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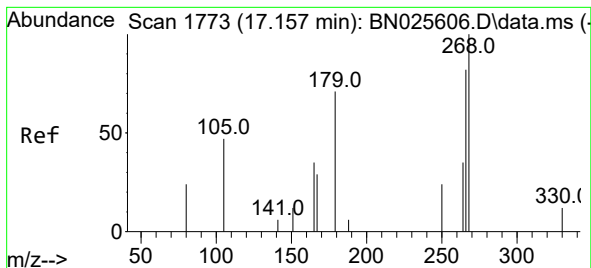
Tgt Ion:	188	Resp:	20434
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.9	12.2	18.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.114 ng
RT: 15.817 min Scan# 1665
Delta R.T. 0.025 min
Lab File: BN025706.D
Acq: 29 May 2023 07:07

Tgt Ion:	198	Resp:	1
Ion Ratio	Lower	Upper	
198	100		
51	422.9	110.8	166.2#
105	218.8	61.9	92.9#





#24

Pentachlorophenol

Concen: 0.376 ng

RT: 17.083 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN025706.D

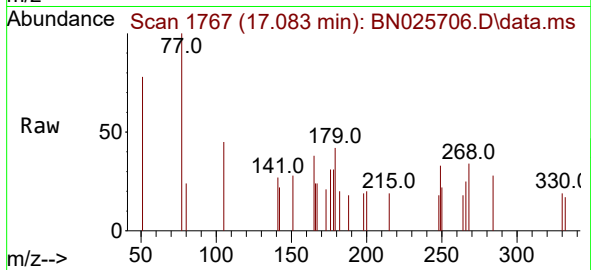
Acq: 29 May 2023 07:07

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-478-480



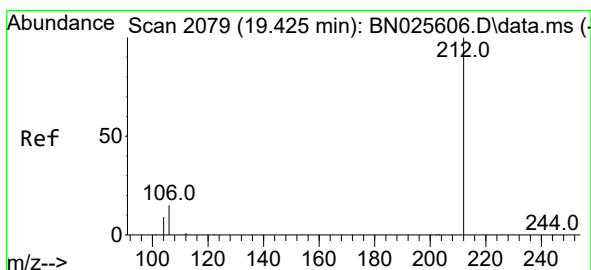
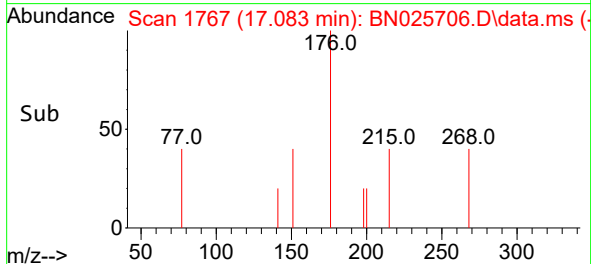
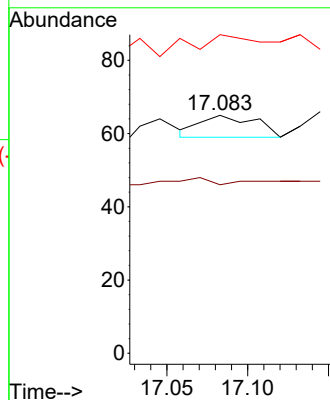
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 21.4 60.0 90.0#

268 185.7 0.0 0.0#



#27

Fluoranthene-d10

Concen: 0.367 ng

RT: 19.421 min Scan# 2078

Delta R.T. -0.000 min

Lab File: BN025706.D

Acq: 29 May 2023 07:07

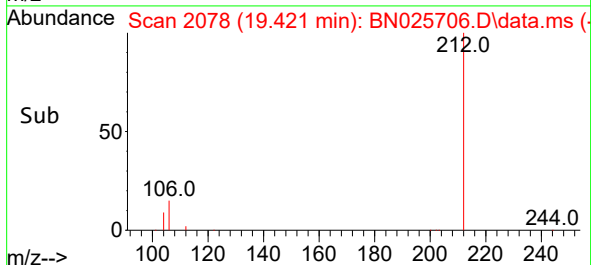
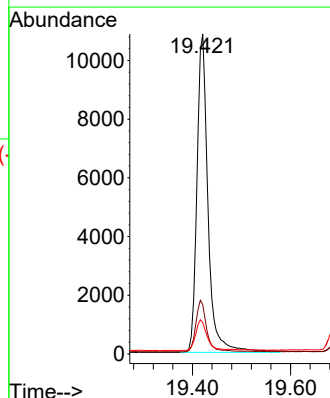
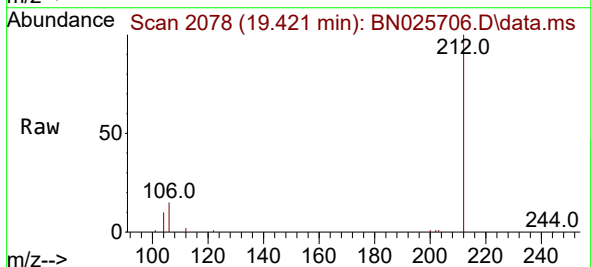
Tgt Ion:212 Resp: 16985

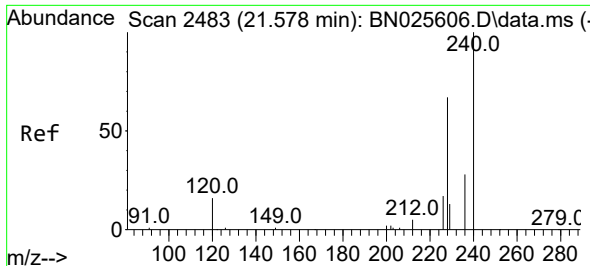
Ion Ratio Lower Upper

212 100

106 15.7 12.3 18.5

104 9.8 7.2 10.8

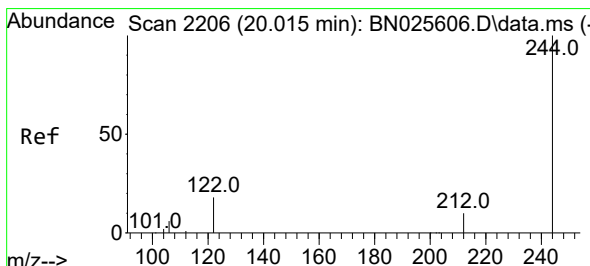
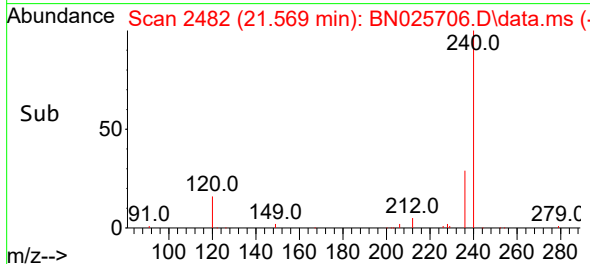
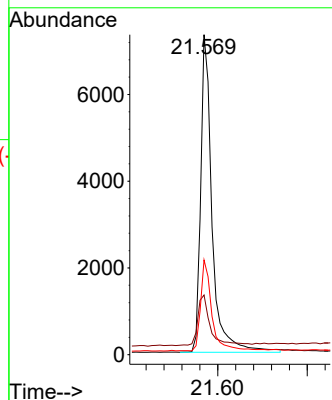
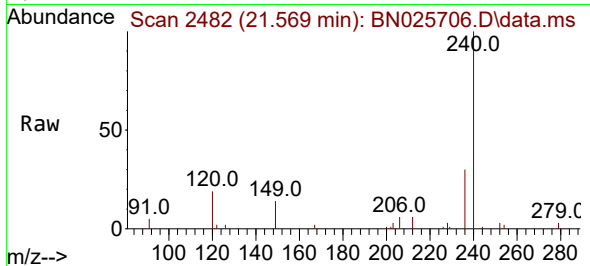




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2482
Delta R.T. -0.009 min
Lab File: BN025706.D
Acq: 29 May 2023 07:07

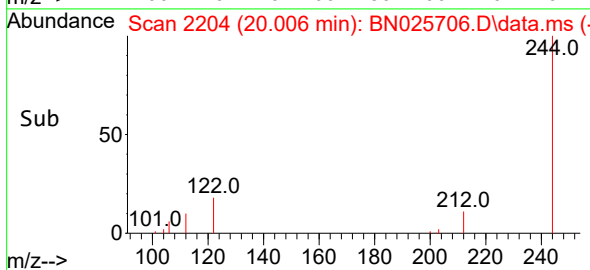
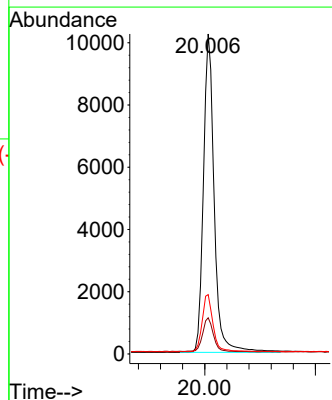
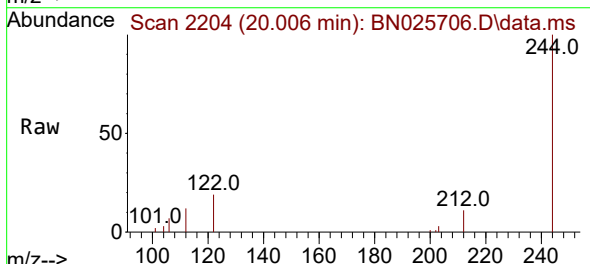
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-478-480

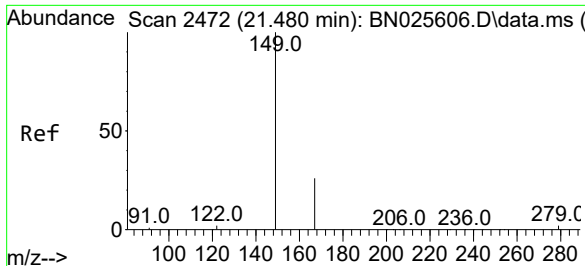
Tgt Ion:240 Resp: 12953
Ion Ratio Lower Upper
240 100
120 18.6 15.4 23.0
236 29.6 23.2 34.8



#31
Terphenyl-d14
Concen: 0.490 ng
RT: 20.006 min Scan# 2204
Delta R.T. -0.009 min
Lab File: BN025706.D
Acq: 29 May 2023 07:07

Tgt Ion:244 Resp: 13893
Ion Ratio Lower Upper
244 100
212 11.3 8.5 12.7
122 18.6 14.9 22.3

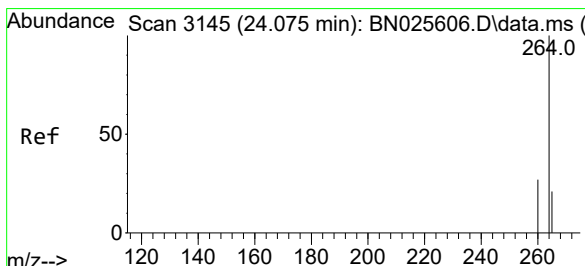
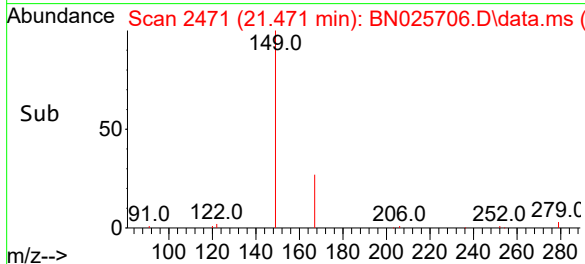
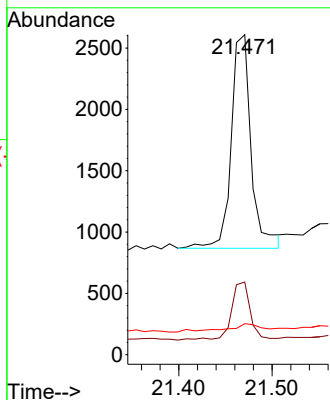
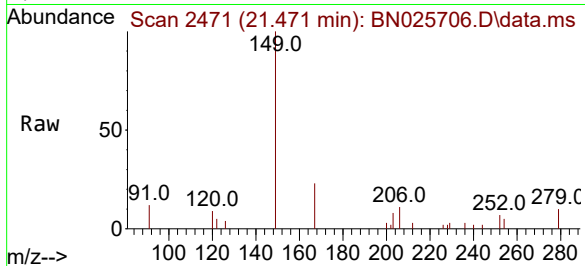




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.088 ng
RT: 21.471 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BN025706.D
Acq: 29 May 2023 07:07

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-478-480

Tgt Ion:149 Resp: 2594
Ion Ratio Lower Upper
149 100
167 26.2 20.4 30.6
279 7.1 3.3 4.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.060 min Scan# 3140
Delta R.T. -0.009 min
Lab File: BN025706.D
Acq: 29 May 2023 07:07

Tgt Ion:264 Resp: 11458
Ion Ratio Lower Upper
264 100
260 26.9 22.3 33.5
265 56.0 54.3 81.5

