

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020723\
 Data File : BN023976.D
 Acq On : 07 Feb 2023 18:24
 Operator : CG/JU
 Sample : 01421-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-523-525

Quant Time: Feb 08 02:12:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 01:53:47 2023
 Response via : Initial Calibration

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

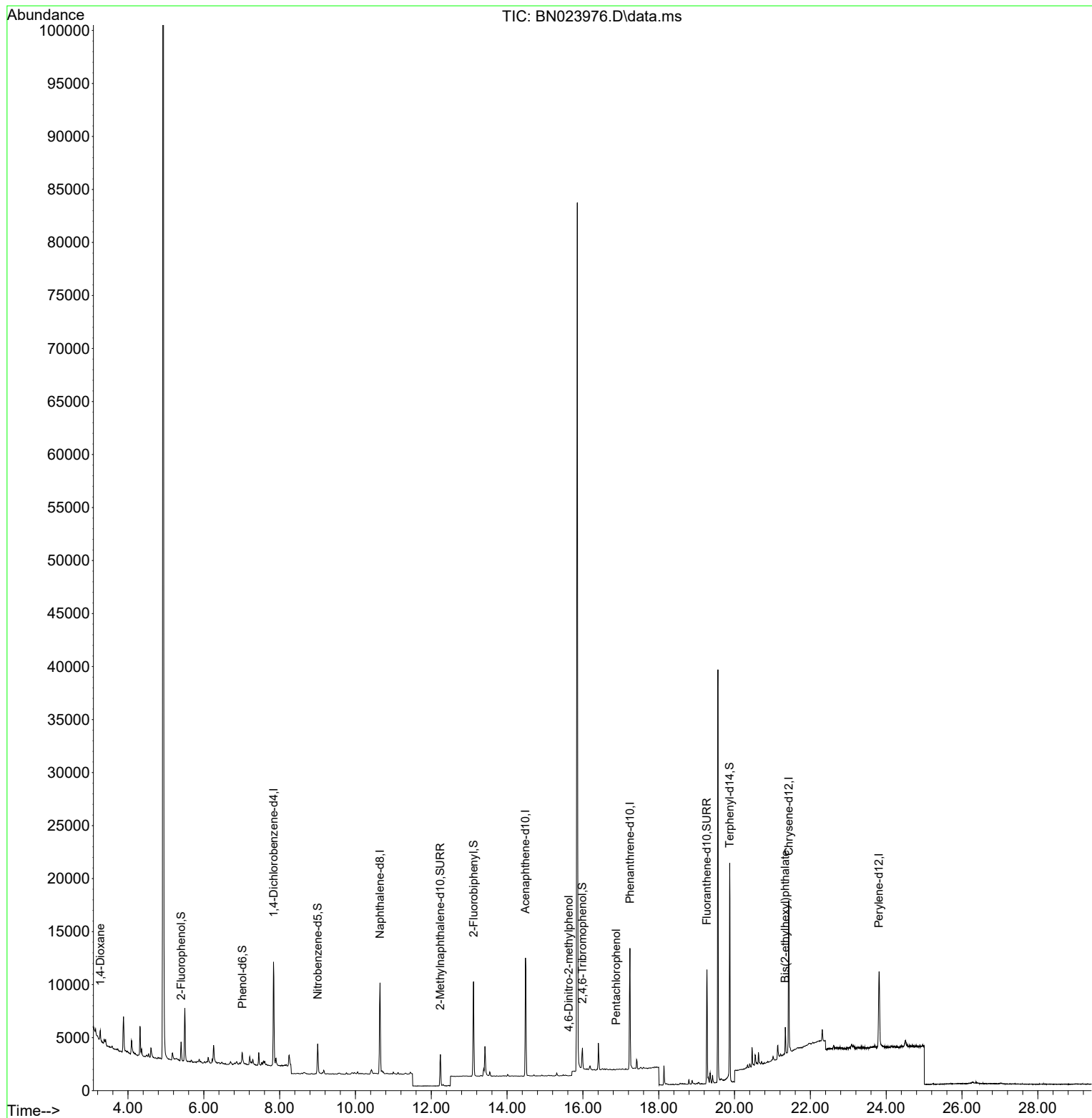
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4466	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11223	0.400	ng	0.00
13) Acenaphthene-d10	14.485	164	6625	0.400	ng	0.00
19) Phenanthrene-d10	17.241	188	14795	0.400	ng	0.00
29) Chrysene-d12	21.428	240	12681	0.400	ng	0.00
35) Perylene-d12	23.811	264	10169	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1401	0.151	ng	0.00
5) Phenol-d6	7.017	99	1034	0.095	ng	0.00
8) Nitrobenzene-d5	9.003	82	2297	0.255	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	4089	0.262	ng	0.00
14) 2,4,6-Tribromophenol	15.987	330	1168	0.342	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	7585	0.289	ng	0.00
27) Fluoranthene-d10	19.271	212	11810	0.329	ng	0.00
31) Terphenyl-d14	19.869	244	10782	0.456	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.268	88	598	0.141	ng	# 55
20) 4,6-Dinitro-2-methylph...	15.628	198	5	0.194	ng	# 1
24) Pentachlorophenol	16.881	266	20	0.171	ng	# 36
34) Bis(2-ethylhexyl)phtha...	21.339	149	2477	0.134	ng	# 95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020723\
Data File : BN023976.D
Acq On : 07 Feb 2023 18:24
Operator : CG/JU
Sample : 01421-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-523-525

Quant Time: Feb 08 02:12:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 01:53:47 2023
Response via : Initial Calibration

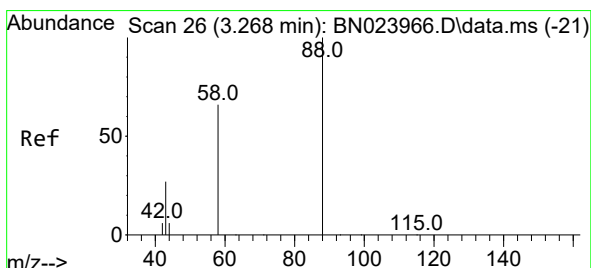
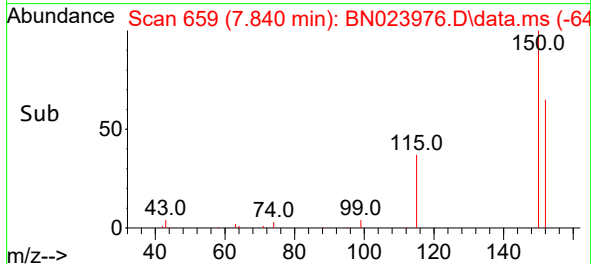
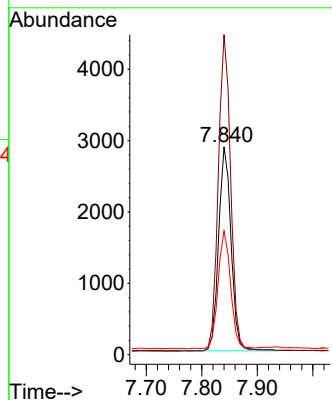
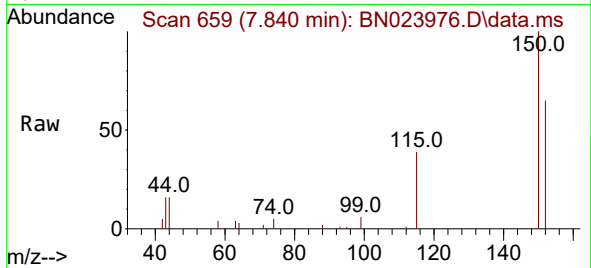




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN023976.D
 Acq: 07 Feb 2023 18:24

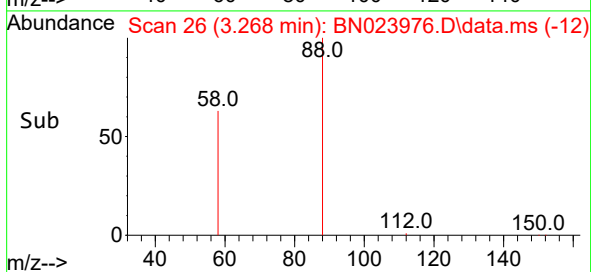
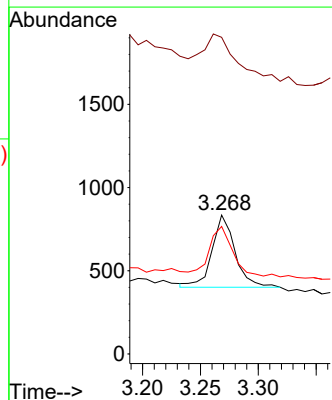
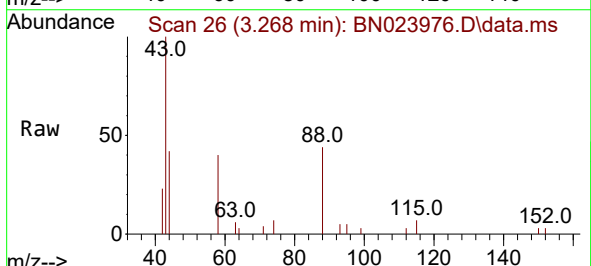
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-523-525

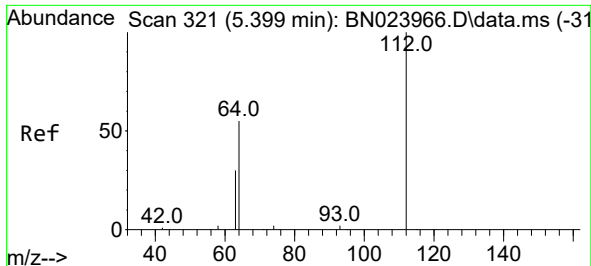
Tgt Ion:152 Resp: 4466
 Ion Ratio Lower Upper
 152 100
 150 154.0 121.8 182.6
 115 59.4 47.7 71.5



#2
 1,4-Dioxane
 Concen: 0.141 ng
 RT: 3.268 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN023976.D
 Acq: 07 Feb 2023 18:24

Tgt Ion: 88 Resp: 598
 Ion Ratio Lower Upper
 88 100
 43 100.0 23.7 35.5#
 58 72.9 53.4 80.2

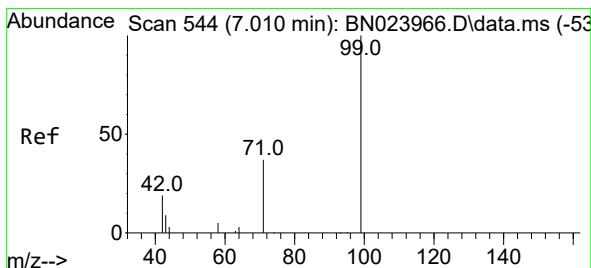
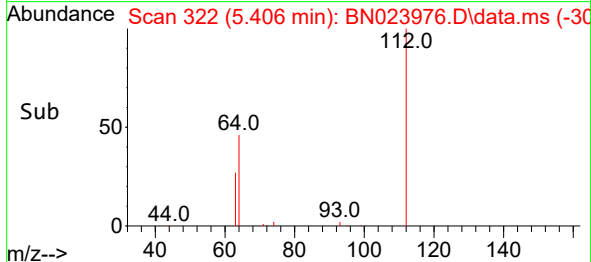
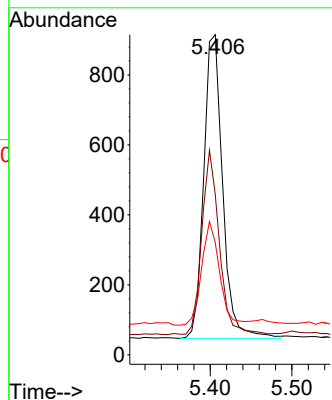
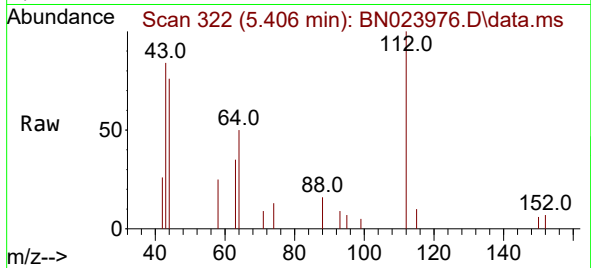




#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN023976.D
Acq: 07 Feb 2023 18:24

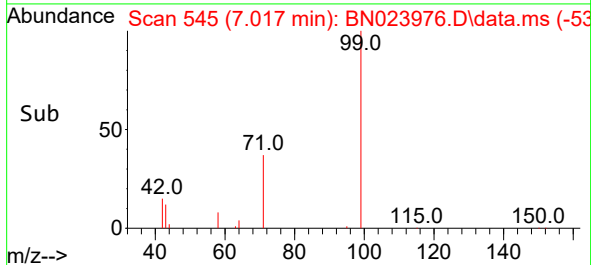
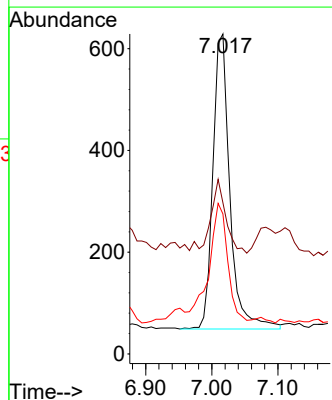
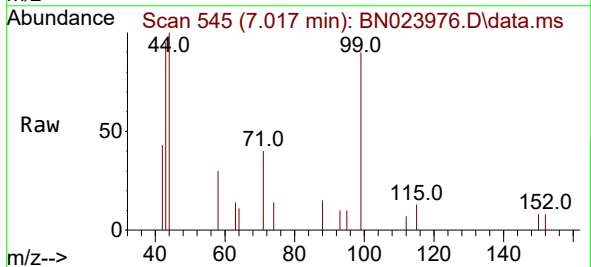
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-523-525

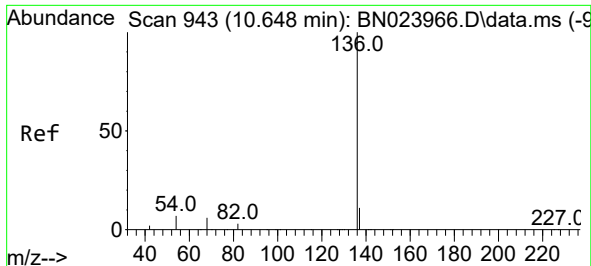
Tgt Ion:112 Resp: 1401
Ion Ratio Lower Upper
112 100
64 55.9 44.8 67.2
63 32.0 25.1 37.7



#5
Phenol-d6
Concen: 0.095 ng
RT: 7.017 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN023976.D
Acq: 07 Feb 2023 18:24

Tgt Ion: 99 Resp: 1034
Ion Ratio Lower Upper
99 100
42 22.4 17.0 25.6
71 44.0 29.0 43.4#

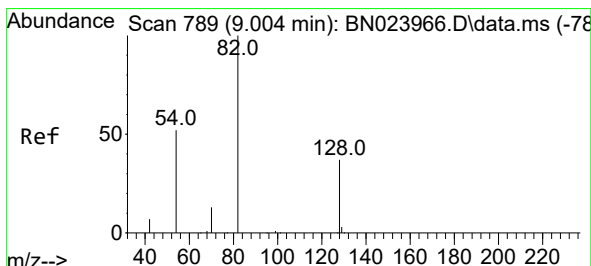
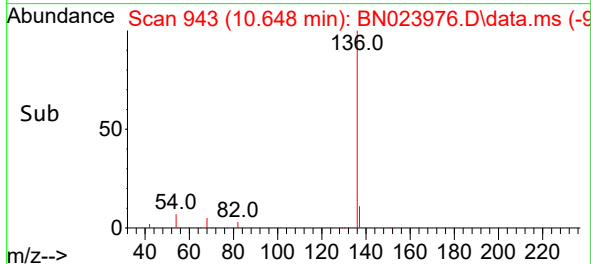
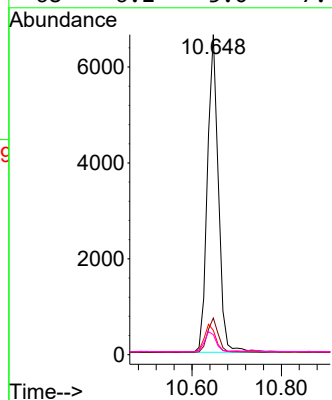
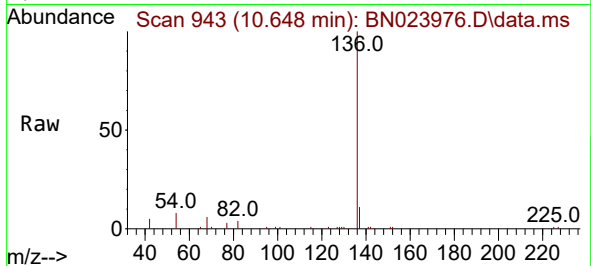




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN023976.D
Acq: 07 Feb 2023 18:24

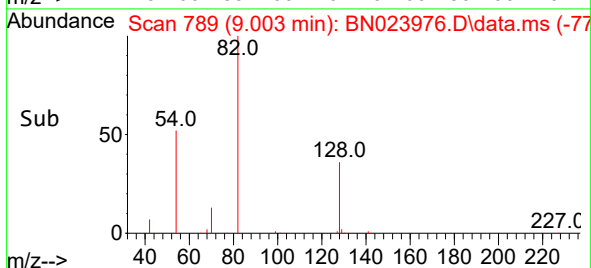
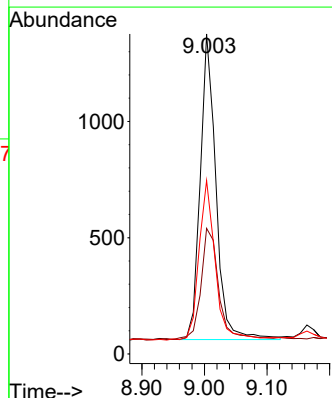
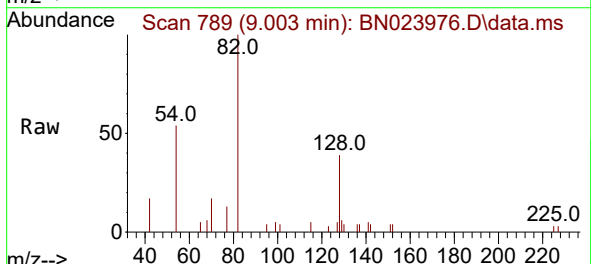
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-523-525

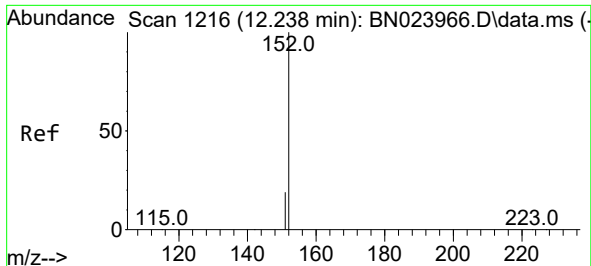
Tgt Ion:	136	Resp:	11223
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	7.6	5.8	8.8
68	6.2	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.255 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN023976.D
Acq: 07 Feb 2023 18:24

Tgt Ion:	82	Resp:	2297
Ion Ratio	Lower	Upper	
82	100		
128	39.2	31.5	47.3
54	54.2	42.8	64.2

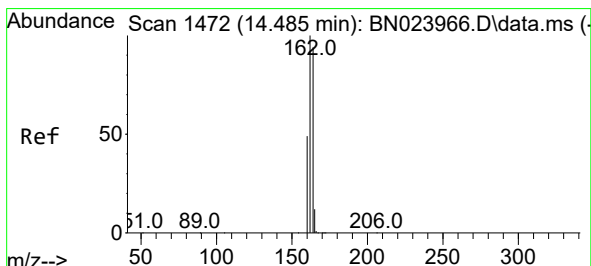
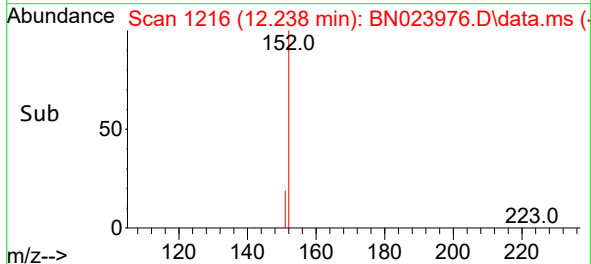
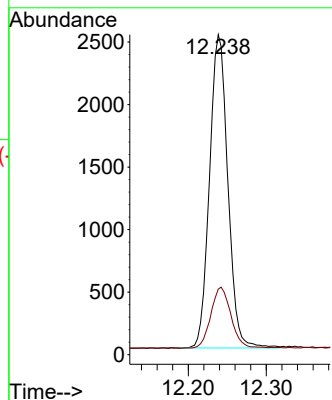
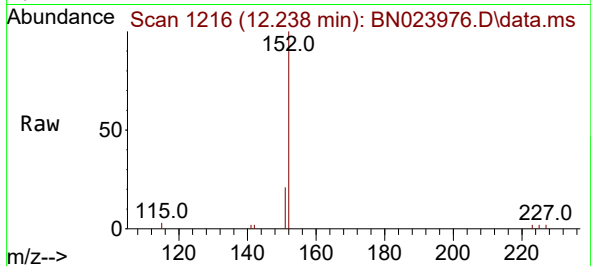




#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BN023976.D
Acq: 07 Feb 2023 18:24

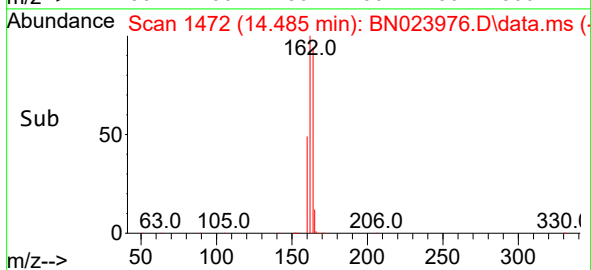
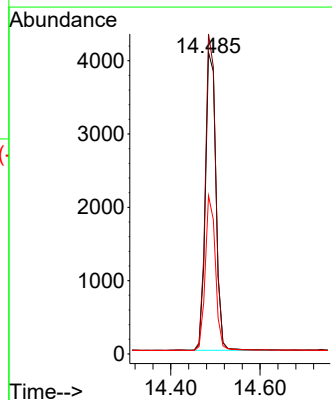
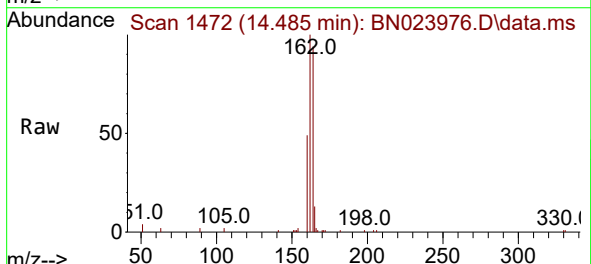
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-523-525

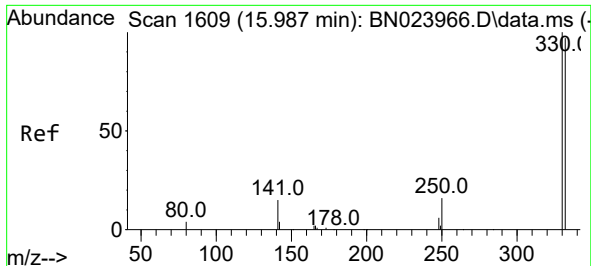
Tgt Ion:152 Resp: 4089
Ion Ratio Lower Upper
152 100
151 21.7 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN023976.D
Acq: 07 Feb 2023 18:24

Tgt Ion:164 Resp: 6625
Ion Ratio Lower Upper
164 100
162 106.1 84.8 127.2
160 52.5 42.0 63.0

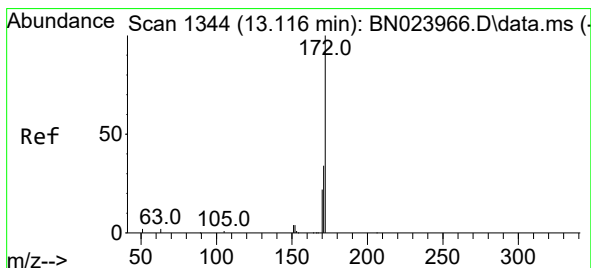
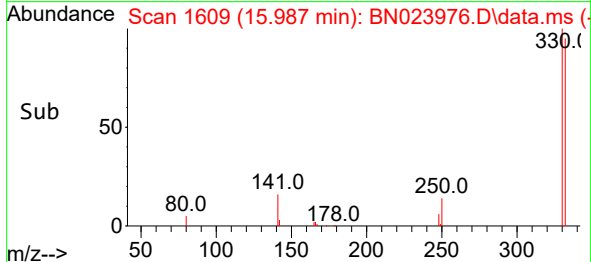
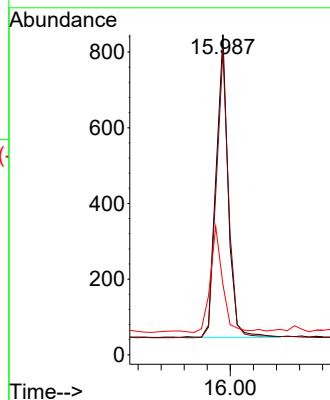
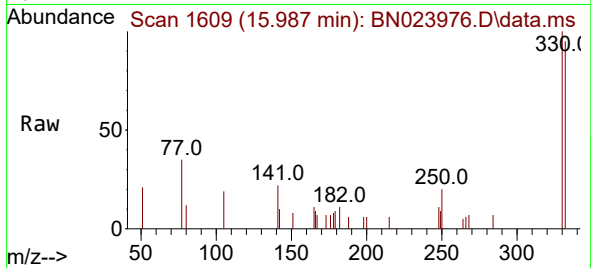




#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.987 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN023976.D
Acq: 07 Feb 2023 18:24

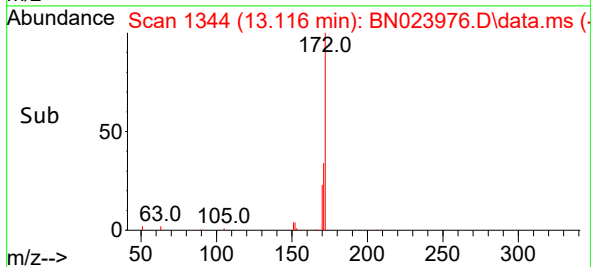
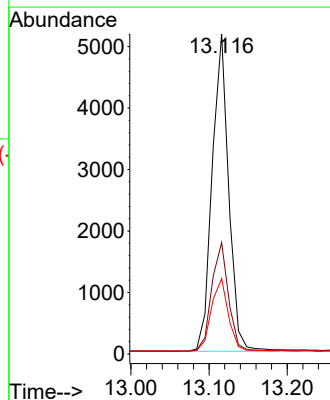
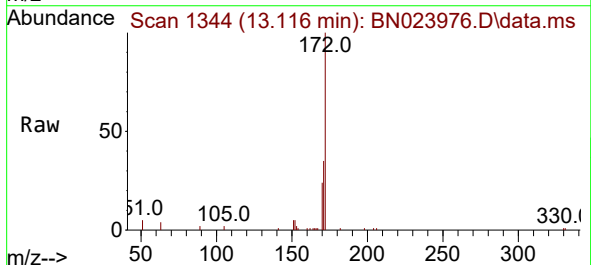
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-523-525

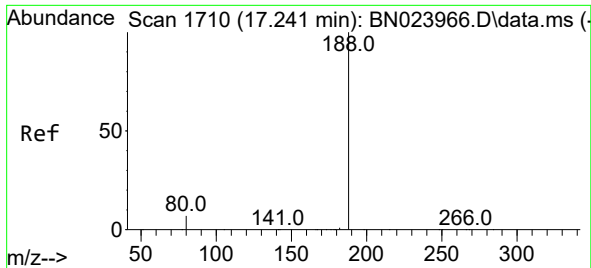
Tgt Ion:	330	Resp:	1168
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.7	116.5
141	35.6	26.6	39.8



#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BN023976.D
Acq: 07 Feb 2023 18:24

Tgt Ion:	172	Resp:	7585
Ion Ratio	Lower	Upper	
172	100		
171	34.8	27.4	41.2
170	23.5	18.2	27.4

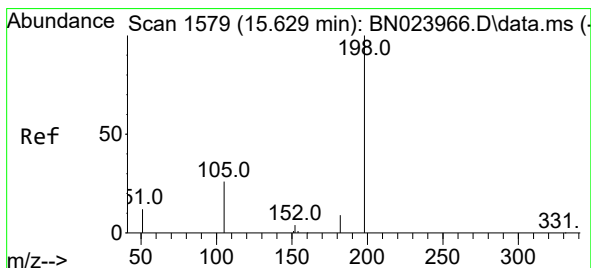
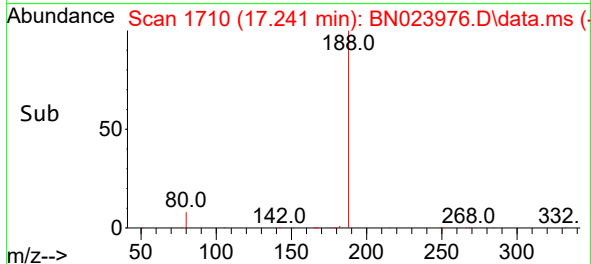
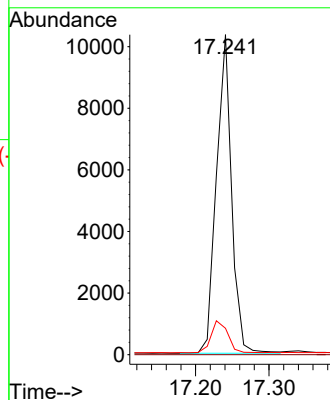
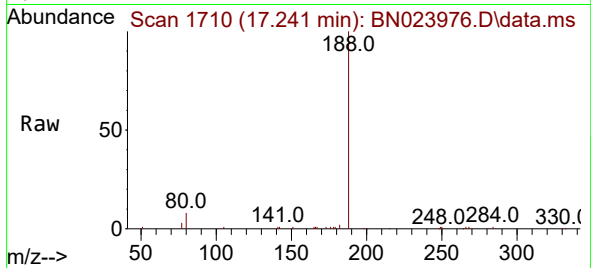




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.241 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN023976.D
Acq: 07 Feb 2023 18:24

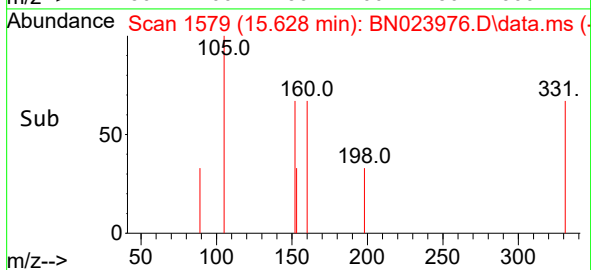
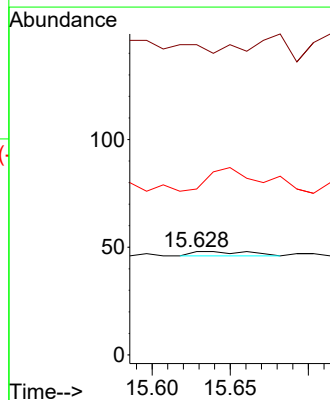
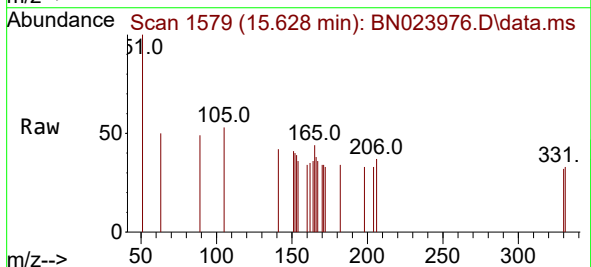
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-523-525

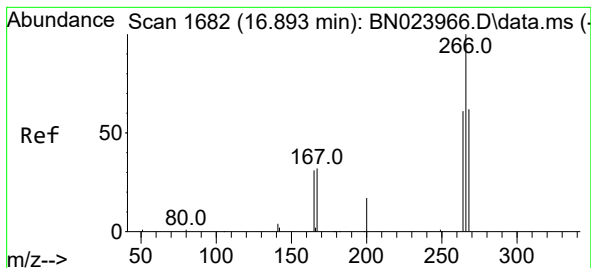
Tgt Ion:188 Resp: 14795
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.194 ng
RT: 15.628 min Scan# 1579
Delta R.T. -0.001 min
Lab File: BN023976.D
Acq: 07 Feb 2023 18:24

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 300.0 36.8 55.2#
105 160.4 28.8 43.2#





#24

Pentachlorophenol

Concen: 0.171 ng

RT: 16.881 min Scan# 1681

Delta R.T. -0.012 min

Lab File: BN023976.D

Acq: 07 Feb 2023 18:24

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-523-525

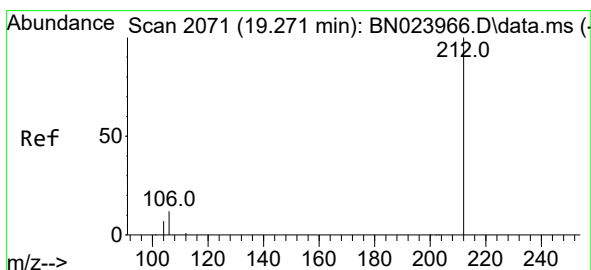
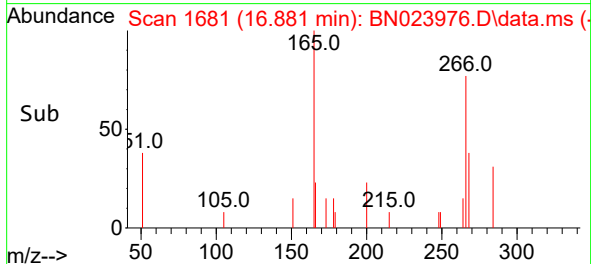
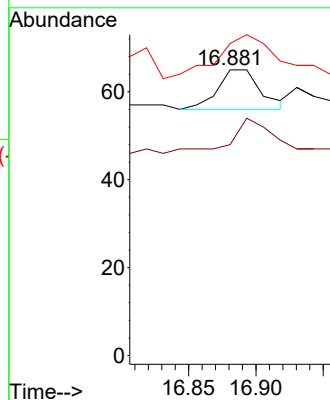
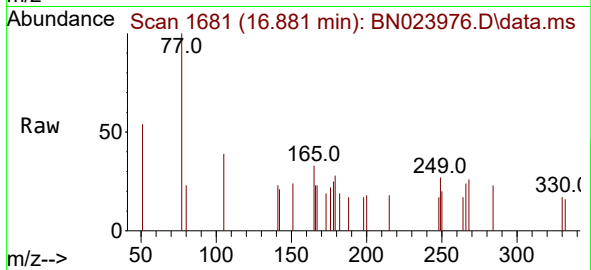
Tgt Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

264 95.0 47.6 71.4#

268 120.0 47.5 71.3#



#27

Fluoranthene-d10

Concen: 0.329 ng

RT: 19.271 min Scan# 2071

Delta R.T. -0.000 min

Lab File: BN023976.D

Acq: 07 Feb 2023 18:24

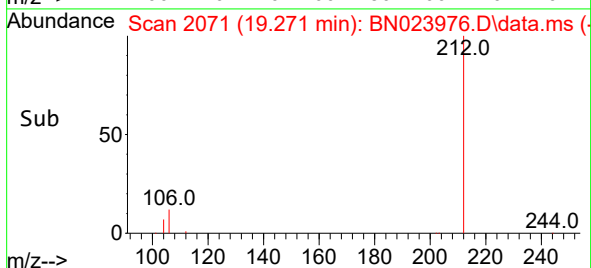
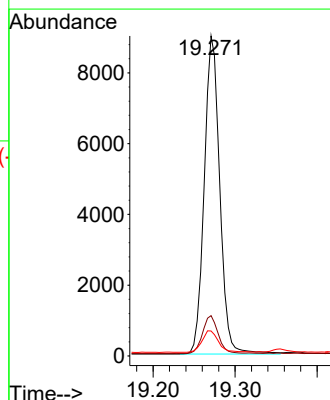
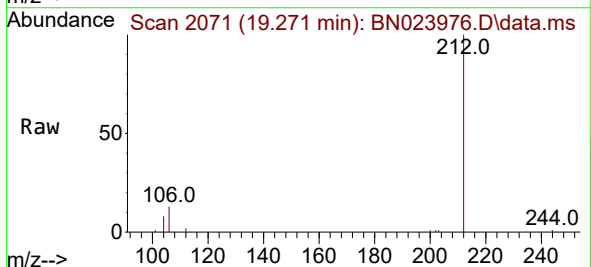
Tgt Ion:212 Resp: 11810

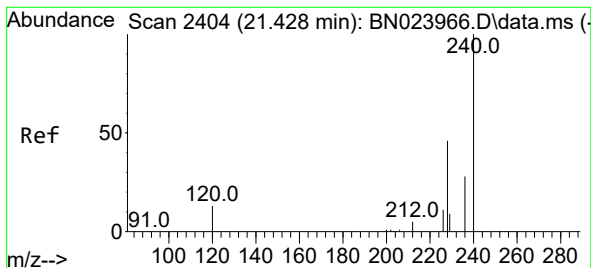
Ion Ratio Lower Upper

212 100

106 11.8 9.2 13.8

104 7.1 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.428 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BN023976.D

Acq: 07 Feb 2023 18:24

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-523-525

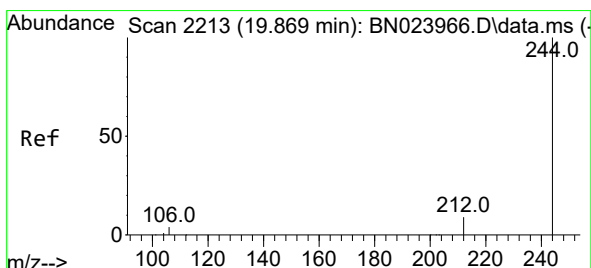
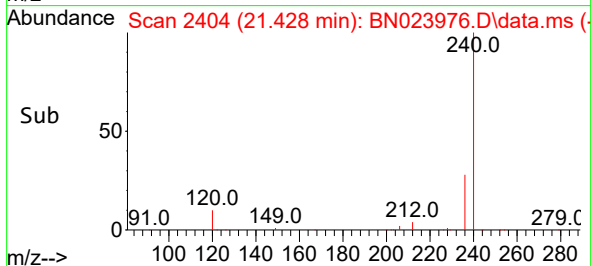
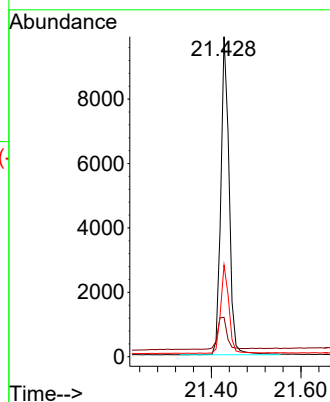
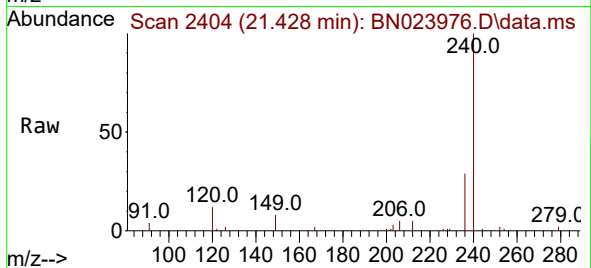
Tgt Ion:240 Resp: 12681

Ion Ratio Lower Upper

240 100

120 12.3 11.4 17.0

236 28.7 23.2 34.8



#31

Terphenyl-d14

Concen: 0.456 ng

RT: 19.869 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BN023976.D

Acq: 07 Feb 2023 18:24

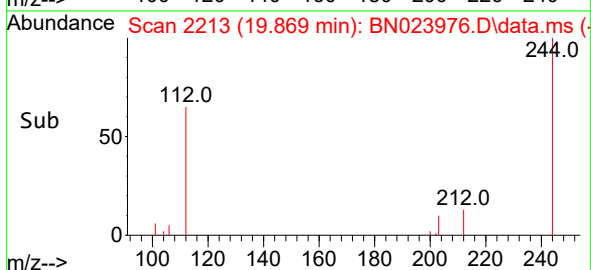
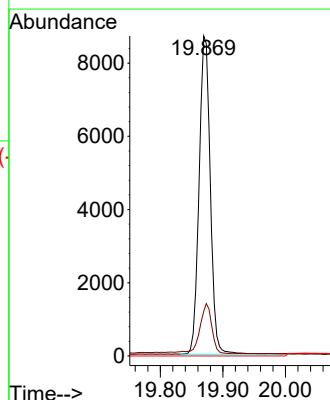
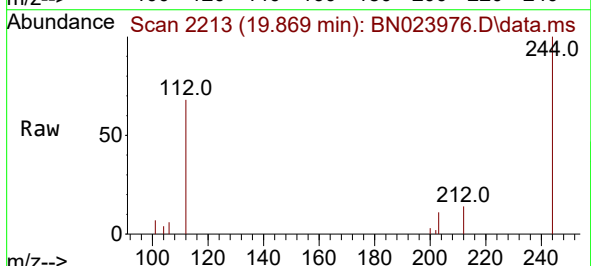
Tgt Ion:244 Resp: 10782

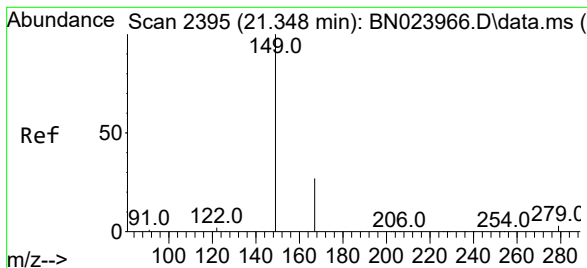
Ion Ratio Lower Upper

244 100

212 14.0 7.7 11.5#

122 0.0 0.0 0.0

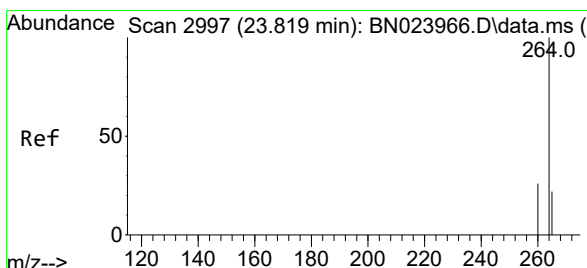
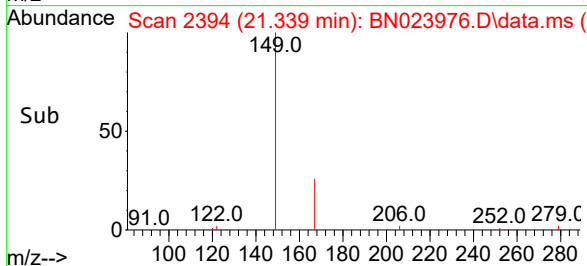
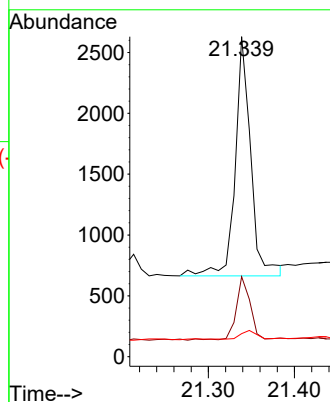
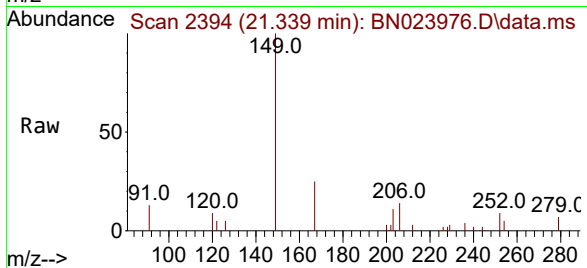




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.134 ng
RT: 21.339 min Scan# 2139
Delta R.T. -0.009 min
Lab File: BN023976.D
Acq: 07 Feb 2023 18:24

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-523-525

Tgt Ion:149 Resp: 2477
Ion Ratio Lower Upper
149 100
167 23.2 21.1 31.7
279 3.8 3.1 4.7



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.811 min Scan# 2994
Delta R.T. -0.009 min
Lab File: BN023976.D
Acq: 07 Feb 2023 18:24

Tgt Ion:264 Resp: 10169
Ion Ratio Lower Upper
264 100
260 27.5 21.4 32.0
265 72.7 41.4 62.0#

