

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110121\
 Data File : BN017223.D
 Acq On : 01 Nov 2021 21:40
 Operator : CG/JU
 Sample : M4360-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-148-150

Quant Time: Nov 02 03:56:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 01 17:00:24 2021
 Response via : Initial Calibration

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

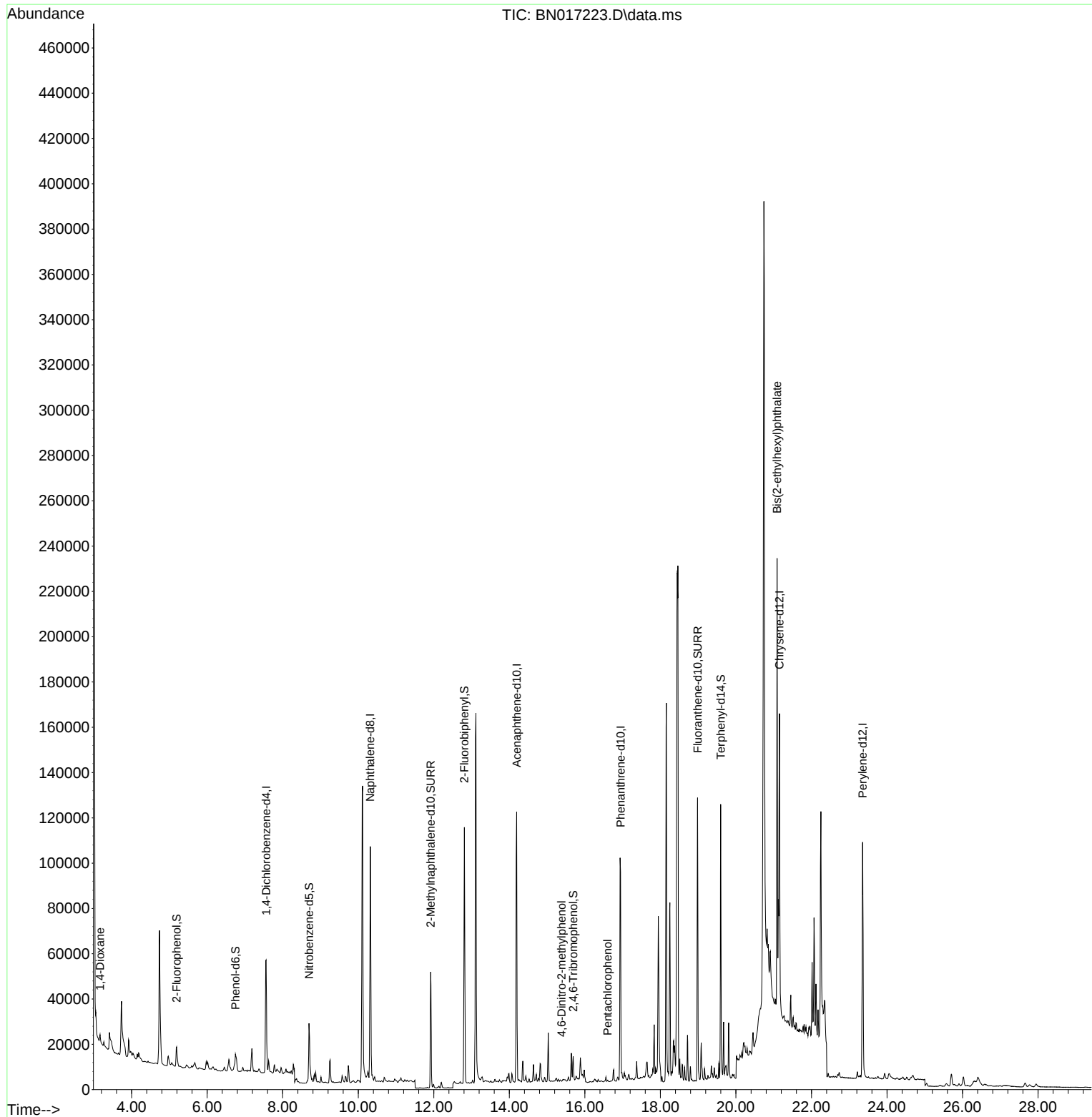
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	29967	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	138211	0.400	ng	0.00
13) Acenaphthene-d10	14.194	164	75068	0.400	ng	0.00
19) Phenanthrene-d10	16.946	188	148454	0.400	ng	0.00
29) Chrysene-d12	21.155	240	134369	0.400	ng	# 0.00
35) Perylene-d12	23.356	264	135720	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	10484	0.144	ng	0.02
5) Phenol-d6	6.749	99	7037	0.089	ng	0.00
8) Nitrobenzene-d5	8.697	82	24019	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	11.920	152	68892	0.353	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	8448	0.324	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	93059	0.330	ng	0.00
27) Fluoranthene-d10	18.985	212	137994	0.365	ng	0.00
31) Terphenyl-d14	19.596	244	117445	0.400	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.163	88	1345	0.063	ng	# 66
20) 4,6-Dinitro-2-methylph...	15.387	198	6	0.166	ng	# 1
24) Pentachlorophenol	16.605	266	168	0.209	ng	90
34) Bis(2-ethylhexyl)phtha...	21.091	149	188985	0.852	ng	94

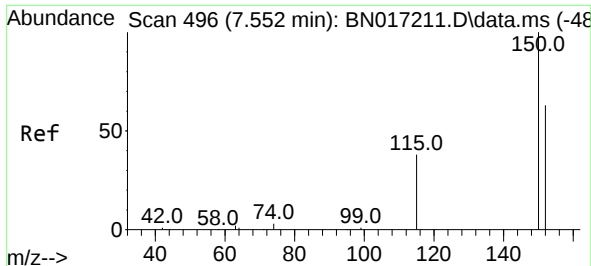
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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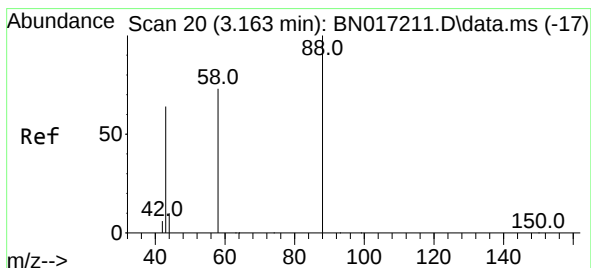
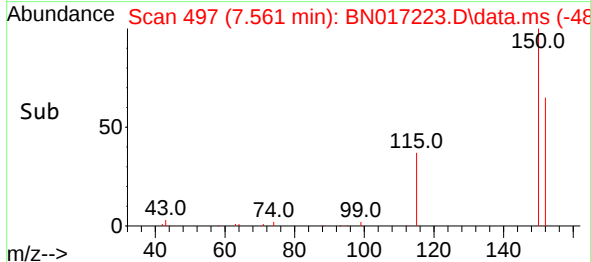
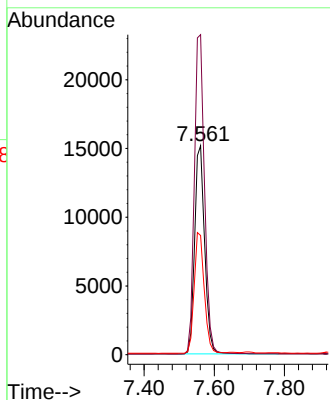
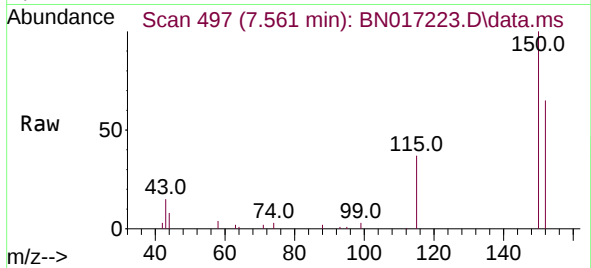




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.561 min Scan# 49
 Delta R.T. 0.009 min
 Lab File: BN017223.D
 Acq: 01 Nov 2021 21:40

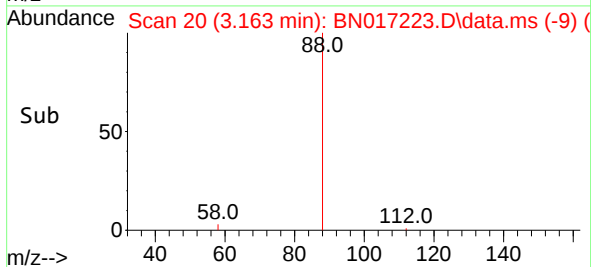
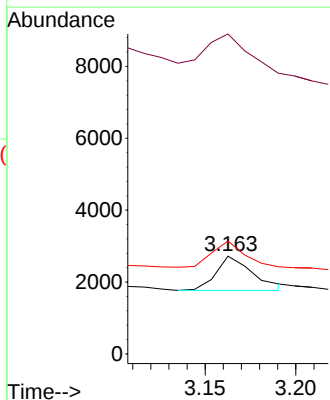
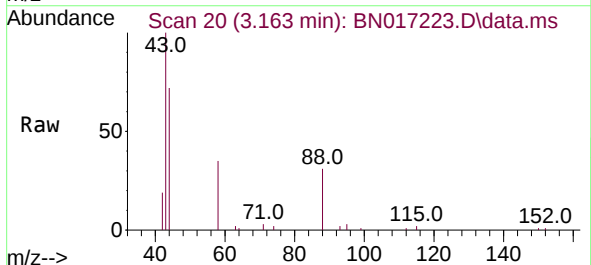
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-148-150

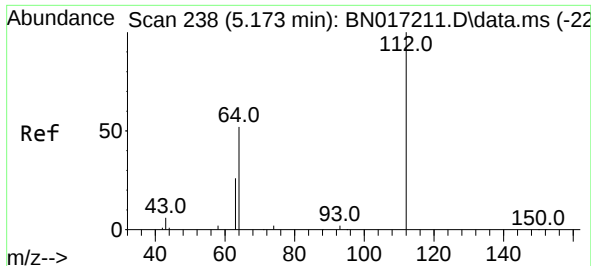
Tgt Ion:152 Resp: 29967
 Ion Ratio Lower Upper
 152 100
 150 153.2 127.4 191.0
 115 57.1 48.5 72.7



#2
 1,4-Dioxane
 Concen: 0.063 ng
 RT: 3.163 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BN017223.D
 Acq: 01 Nov 2021 21:40

Tgt Ion: 88 Resp: 1345
 Ion Ratio Lower Upper
 88 100
 43 133.6 72.9 109.3#
 58 65.6 68.6 103.0#

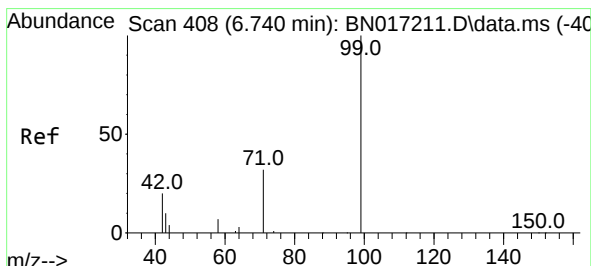
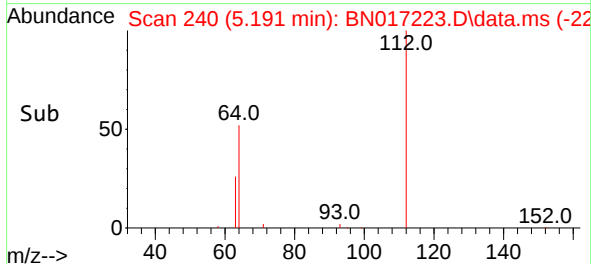
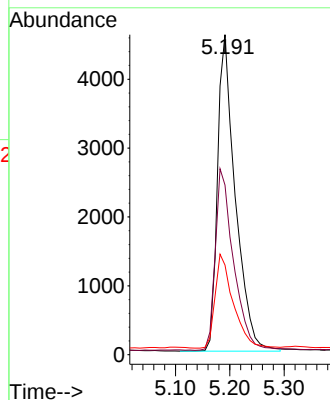
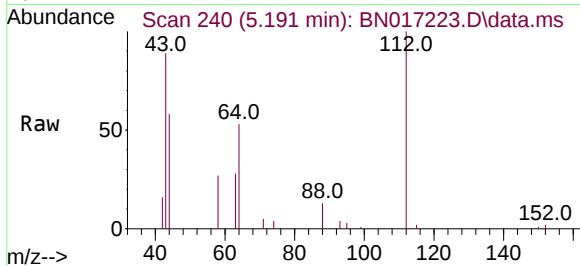




#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.191 min Scan# 240
Delta R.T. 0.019 min
Lab File: BN017223.D
Acq: 01 Nov 2021 21:40

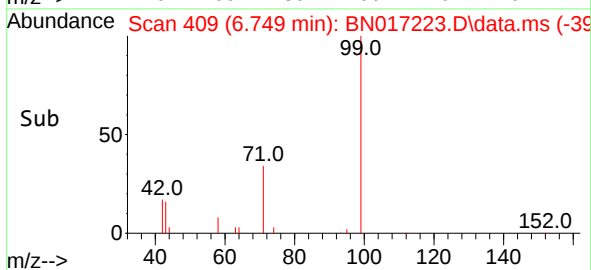
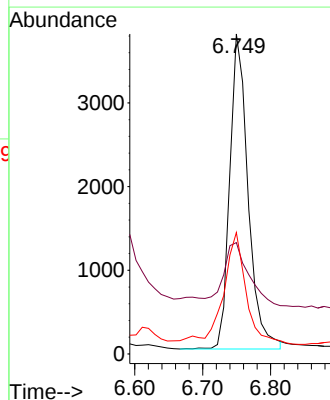
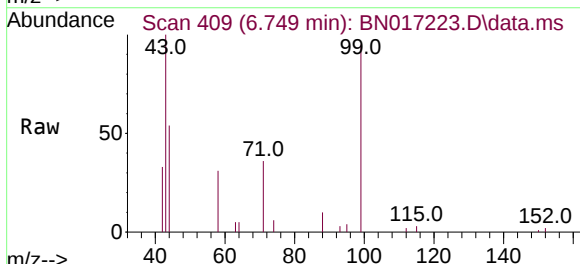
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-148-150

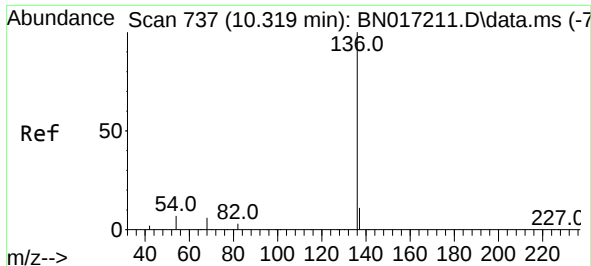
Tgt Ion:112 Resp: 10484
Ion Ratio Lower Upper
112 100
64 58.8 47.1 70.7
63 30.4 23.9 35.9



#5
Phenol-d6
Concen: 0.089 ng
RT: 6.749 min Scan# 409
Delta R.T. 0.009 min
Lab File: BN017223.D
Acq: 01 Nov 2021 21:40

Tgt Ion: 99 Resp: 7037
Ion Ratio Lower Upper
99 100
42 27.4 16.5 24.7#
71 39.1 24.7 37.1#

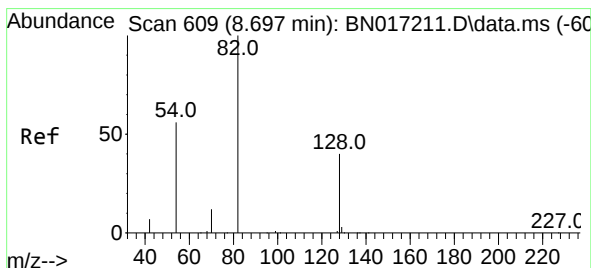
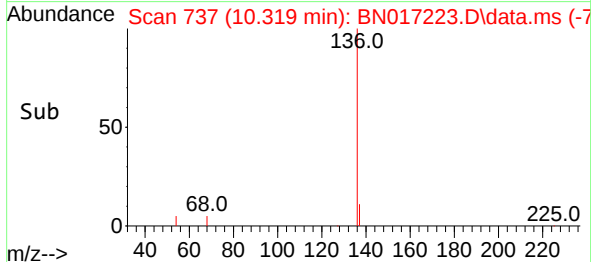
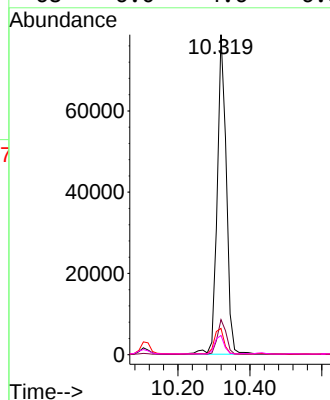
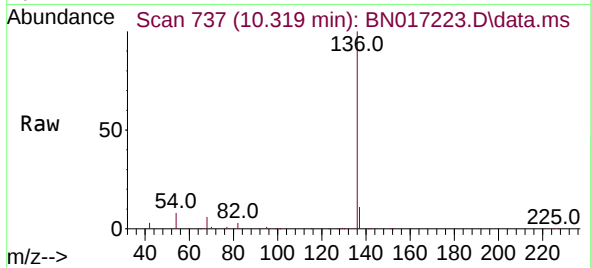




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017223.D
Acq: 01 Nov 2021 21:40

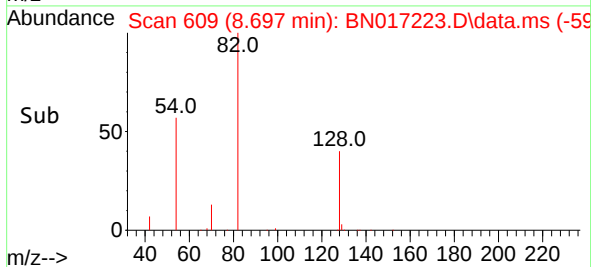
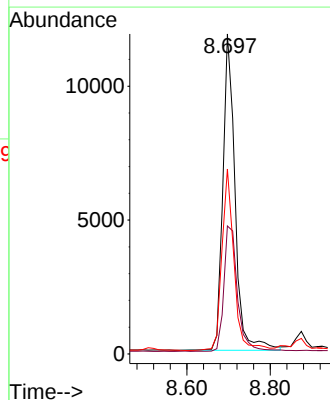
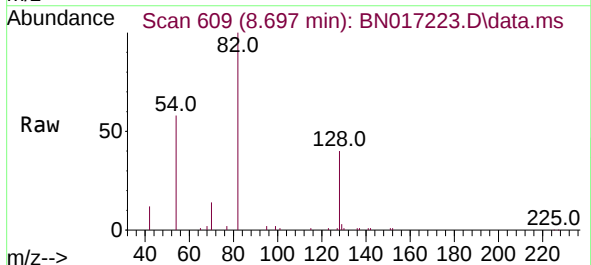
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-148-150

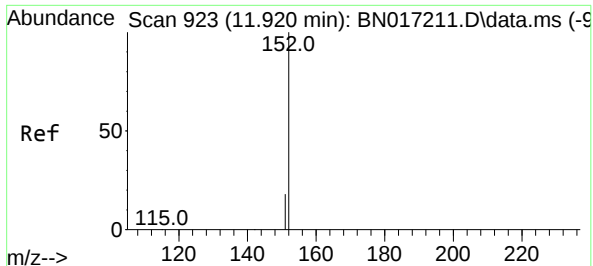
Tgt Ion: 136 Resp: 138211
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.2 6.1 9.1
68 6.0 4.6 6.8



#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.697 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN017223.D
Acq: 01 Nov 2021 21:40

Tgt Ion: 82 Resp: 24019
Ion Ratio Lower Upper
82 100
128 40.0 32.0 48.0
54 57.8 45.0 67.4





#11

2-Methylnaphthalene-d10

Concen: 0.353 ng

RT: 11.920 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN017223.D

Acq: 01 Nov 2021 21:40

Instrument :

BNA_N

ClientSampleId :

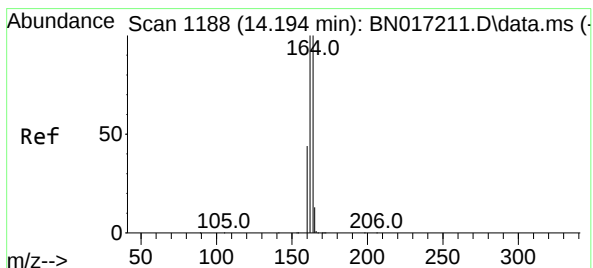
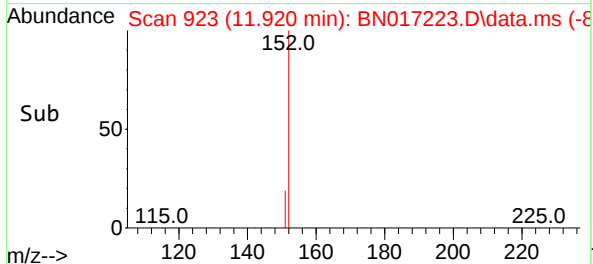
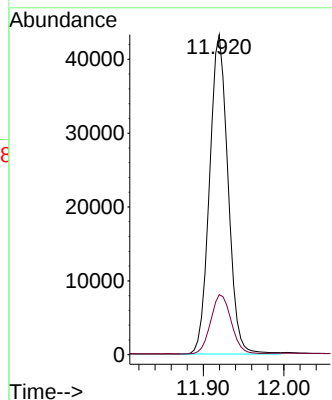
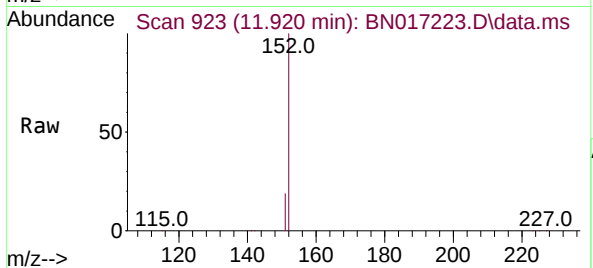
BP-VPB-RW9-GW-148-150

Tgt Ion:152 Resp: 68892

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.194 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BN017223.D

Acq: 01 Nov 2021 21:40

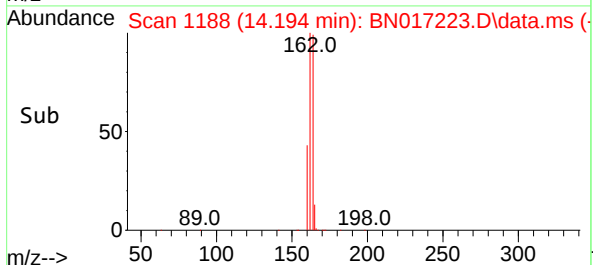
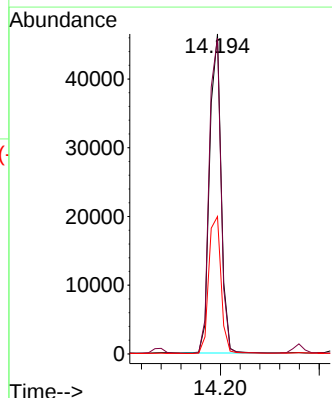
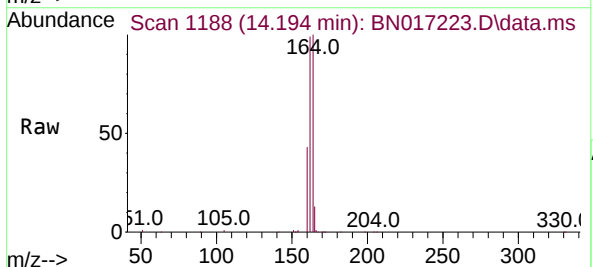
Tgt Ion:164 Resp: 75068

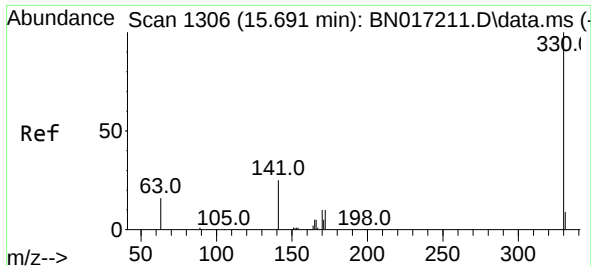
Ion Ratio Lower Upper

164 100

162 98.7 79.8 119.8

160 42.9 35.4 53.2

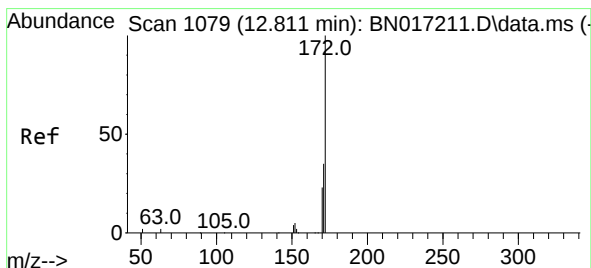
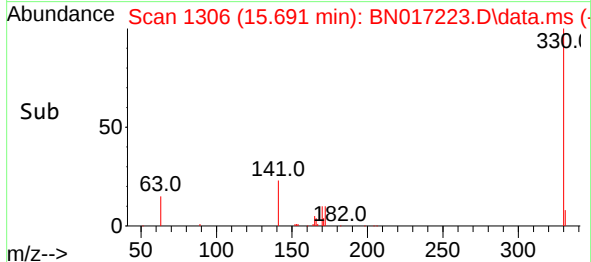
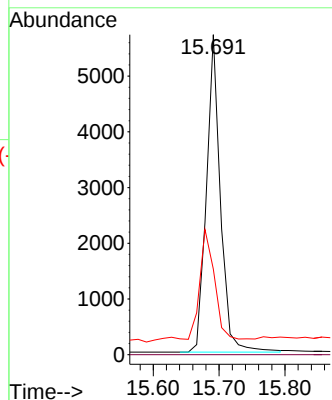
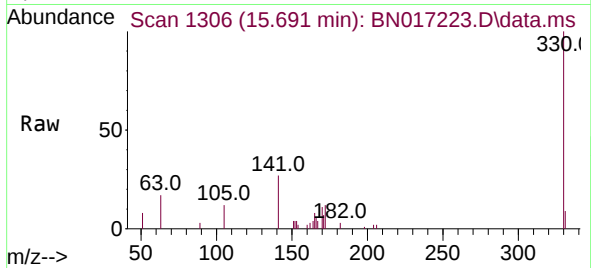




#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.691 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN017223.D
Acq: 01 Nov 2021 21:40

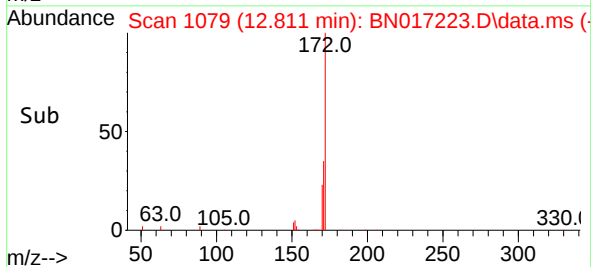
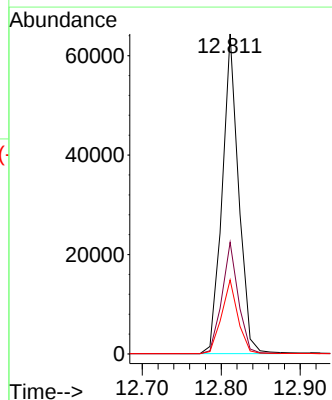
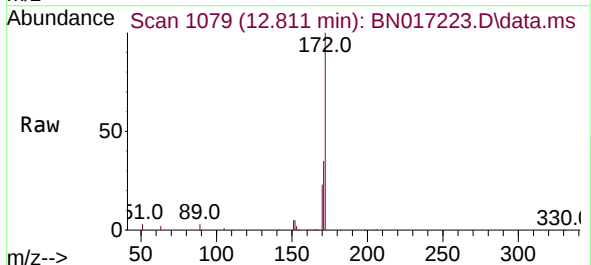
Instrument :
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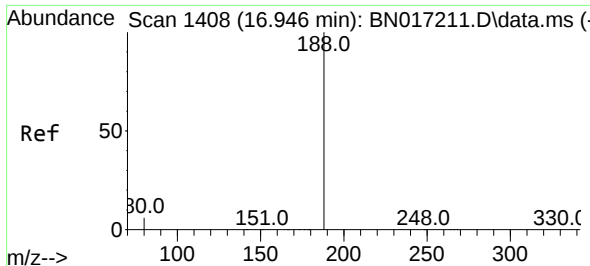
Tgt Ion:330 Resp: 8448
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.4 31.4 47.2



#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.811 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BN017223.D
Acq: 01 Nov 2021 21:40

Tgt Ion:172 Resp: 93059
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.2 18.4 27.6

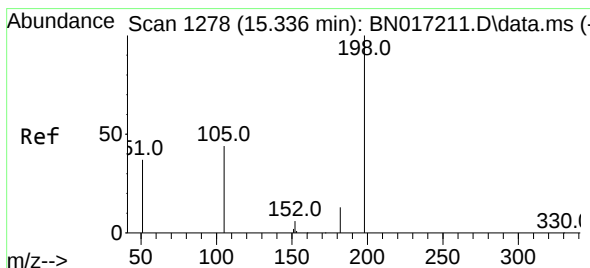
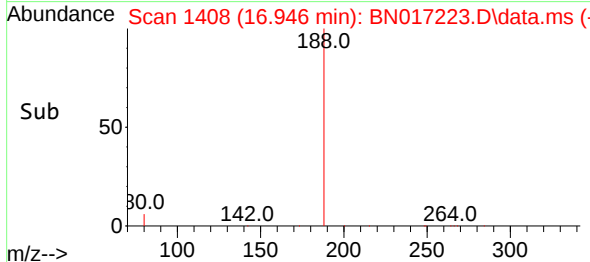
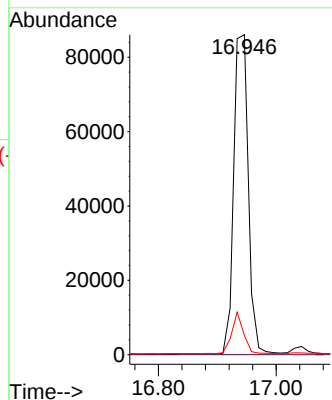
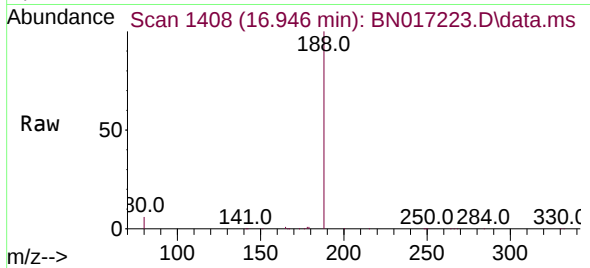




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.946 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN017223.D
Acq: 01 Nov 2021 21:40

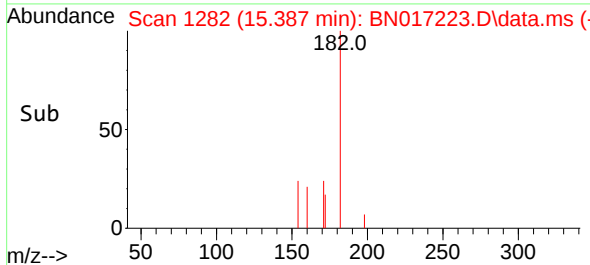
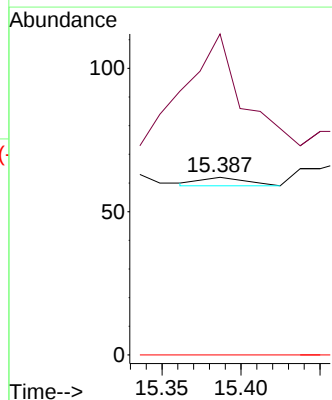
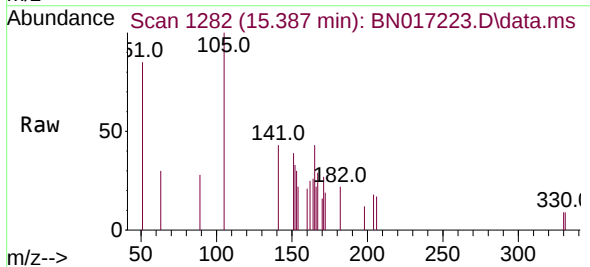
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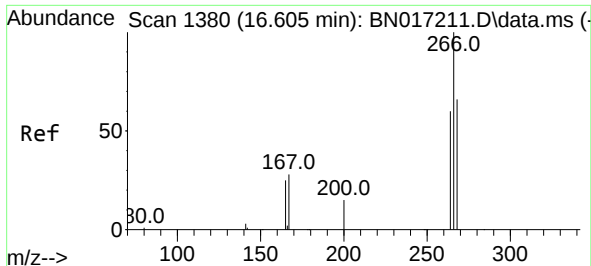
Tgt Ion:188 Resp: 148454
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.1 5.1 7.7



#20
4,6-Dinitro-2-methylphenol
Concen: 0.166 ng
RT: 15.387 min Scan# 1282
Delta R.T. 0.051 min
Lab File: BN017223.D
Acq: 01 Nov 2021 21:40

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 180.6 12.6 19.0#
77 0.0 0.0 0.0

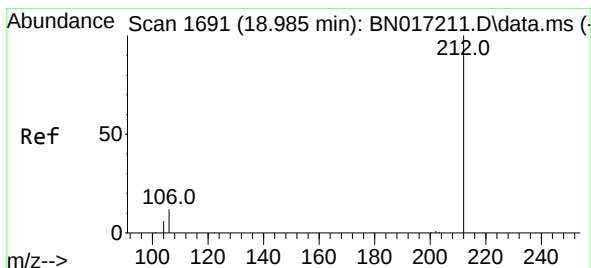
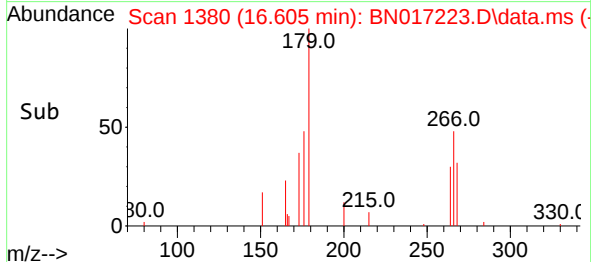
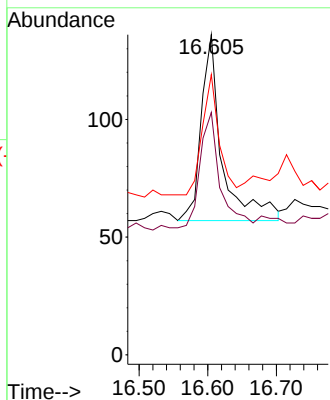
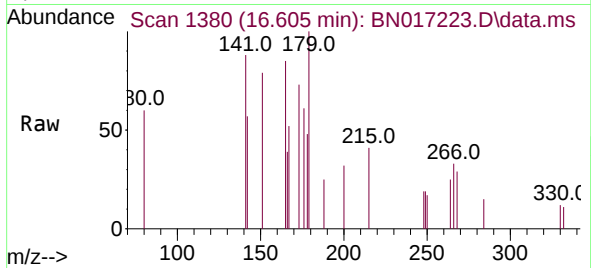




#24
 Pentachlorophenol
 Concen: 0.209 ng
 RT: 16.605 min Scan# 1380
 Delta R.T. 0.000 min
 Lab File: BN017223.D
 Acq: 01 Nov 2021 21:40

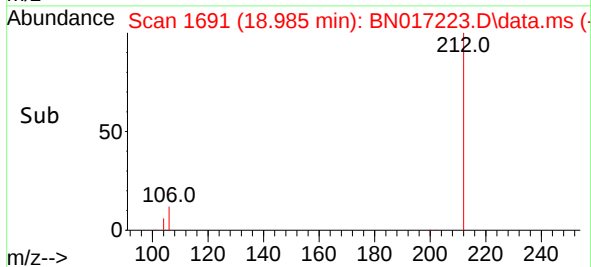
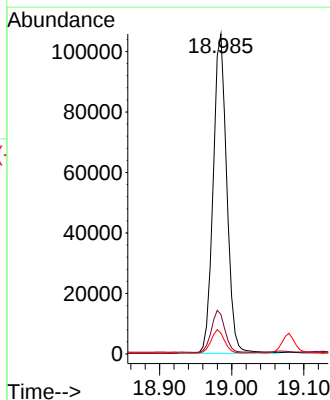
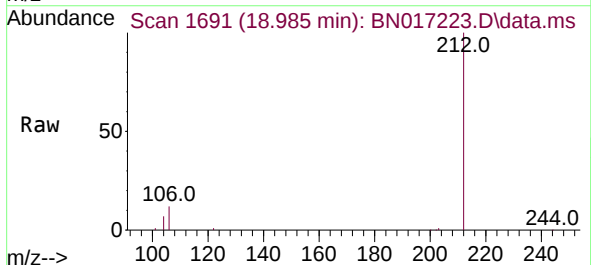
Instrument :
 BNA_N
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 BP-VPB-RW9-GW-148-150

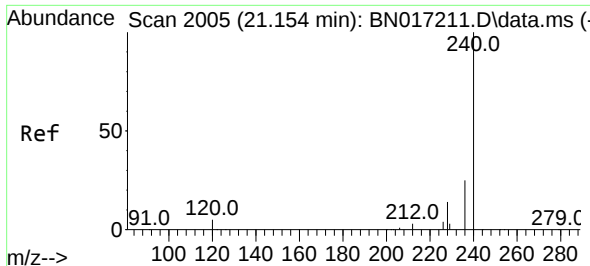
Tgt Ion:	266	Resp:	168
Ion Ratio	Lower	Upper	
266	100		
264	58.9	49.8	74.6
268	51.8	51.2	76.8



#27
 Fluoranthene-d10
 Concen: 0.365 ng
 RT: 18.985 min Scan# 1691
 Delta R.T. -0.000 min
 Lab File: BN017223.D
 Acq: 01 Nov 2021 21:40

Tgt Ion:	212	Resp:	137994
Ion Ratio	Lower	Upper	
212	100		
106	13.0	10.6	15.8
104	7.1	5.8	8.6

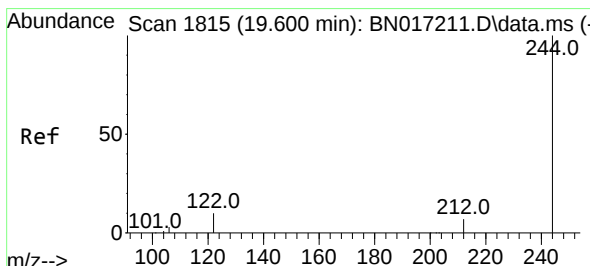
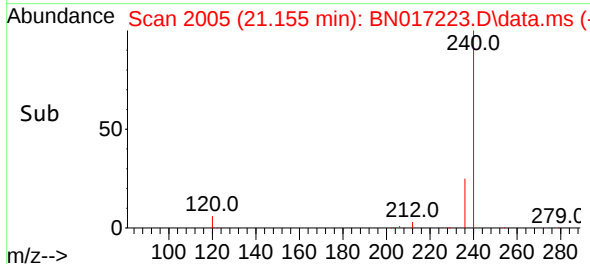
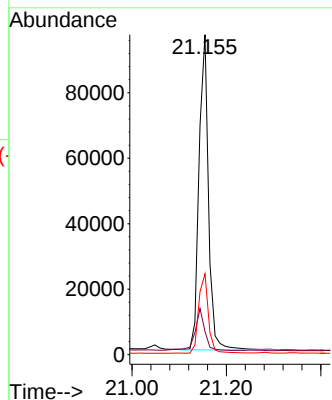
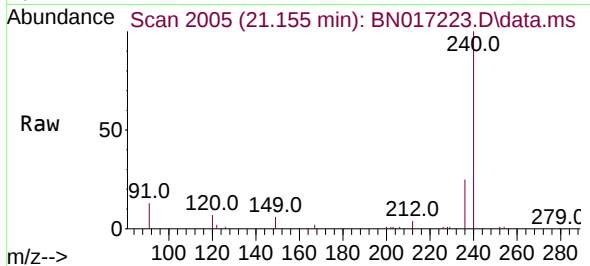




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.155 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN017223.D
Acq: 01 Nov 2021 21:40

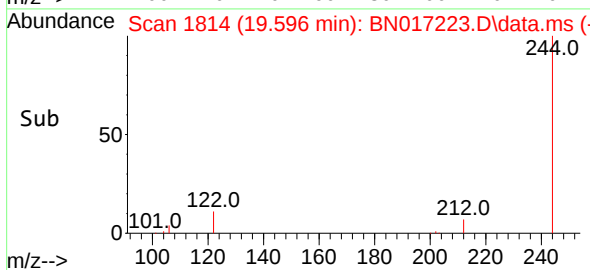
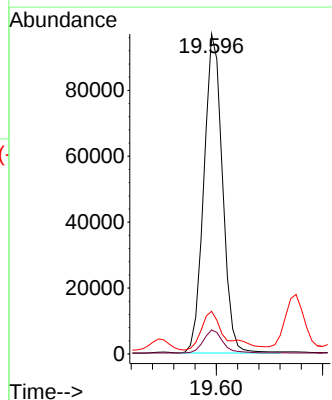
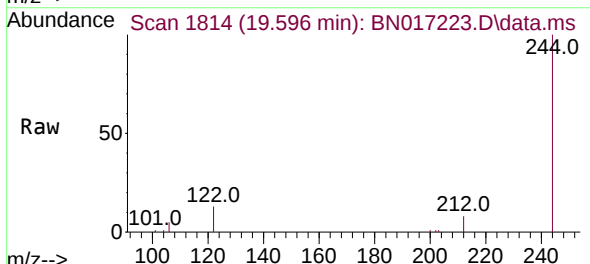
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-148-150

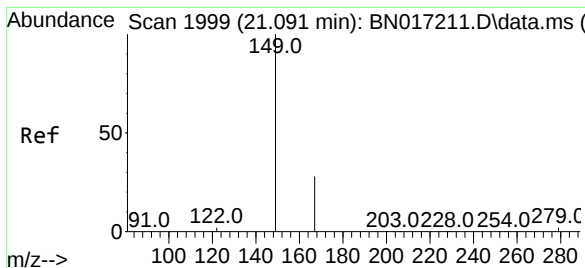
Tgt Ion:240 Resp: 134369
Ion Ratio Lower Upper
240 100
120 7.2 4.2 6.4#
236 25.3 20.2 30.2



#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.596 min Scan# 1814
Delta R.T. -0.005 min
Lab File: BN017223.D
Acq: 01 Nov 2021 21:40

Tgt Ion:244 Resp: 117445
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 13.3 8.3 12.5#

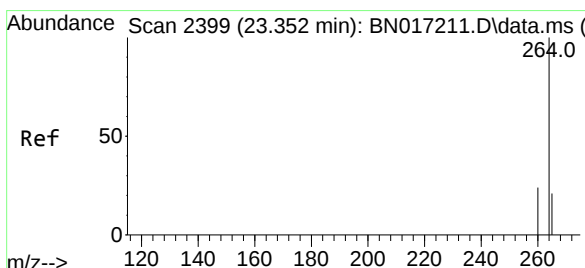
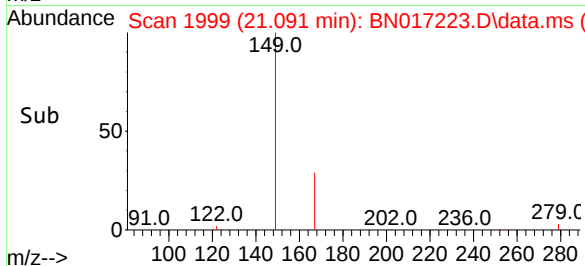
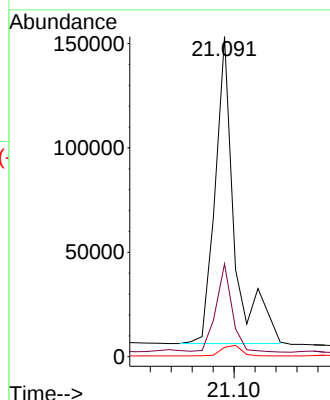
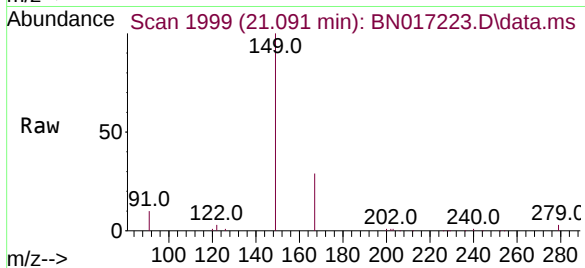




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.852 ng
RT: 21.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BN017223.D
Acq: 01 Nov 2021 21:40

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-148-150

Tgt Ion:149 Resp: 188985
Ion Ratio Lower Upper
149 100
167 24.0 21.8 32.8
279 3.4 3.1 4.7



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.356 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BN017223.D
Acq: 01 Nov 2021 21:40

Tgt Ion:264 Resp: 135720
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 23.6 18.8 28.2

