

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110121\
 Data File : BN017219.D
 Acq On : 01 Nov 2021 19:15
 Operator : CG/JU
 Sample : M4360-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-198-200

Quant Time: Nov 02 03:56:11 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)

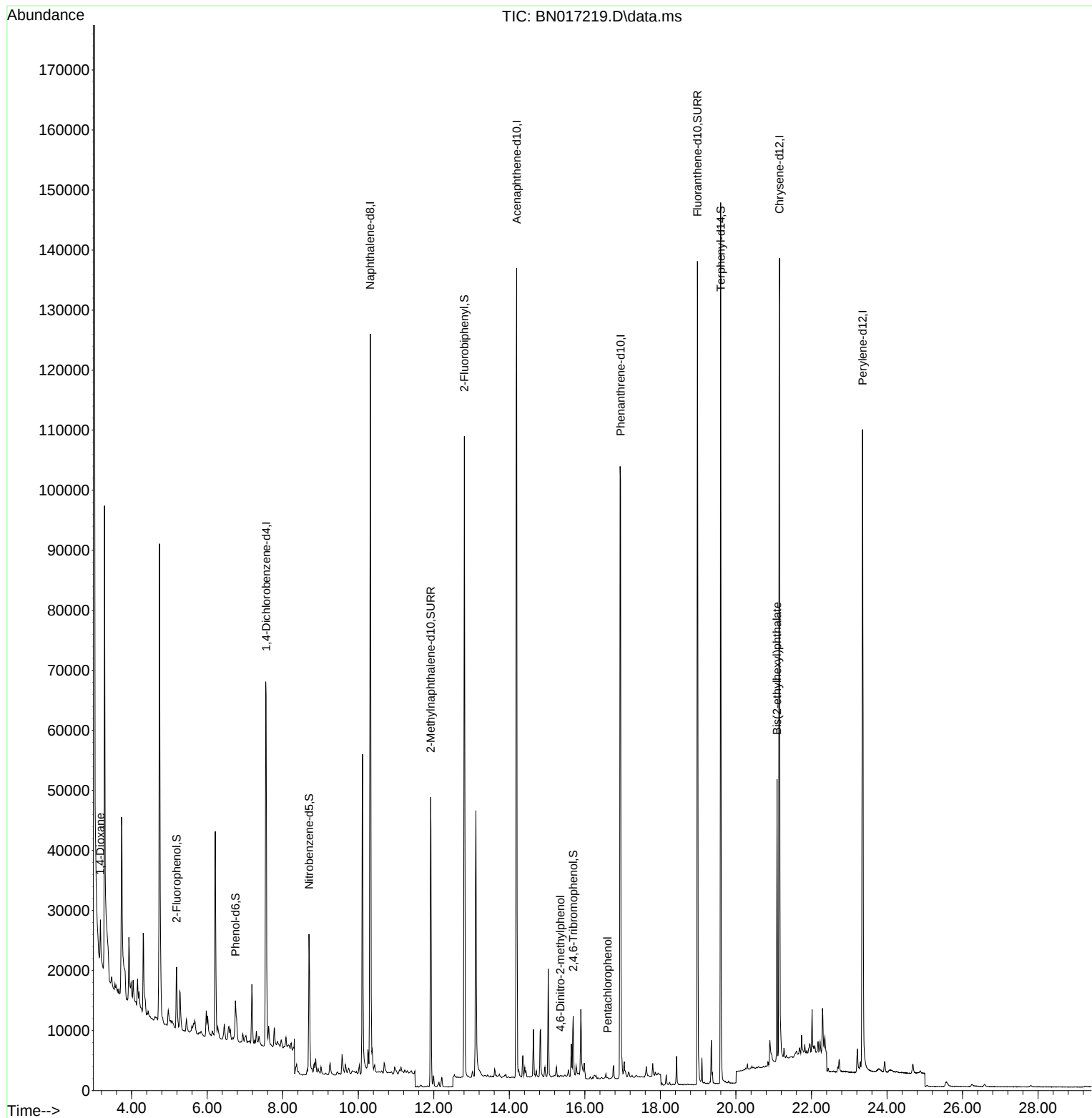
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	34889	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	162673	0.400	ng	0.00
13) Acenaphthene-d10	14.194	164	84664	0.400	ng	0.00
19) Phenanthrene-d10	16.946	188	159825	0.400	ng	0.00
29) Chrysene-d12	21.155	240	148673	0.400	ng	0.00
35) Perylene-d12	23.352	264	143207	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	10157	0.120	ng	0.02
5) Phenol-d6	6.750	99	6476	0.070	ng	0.00
8) Nitrobenzene-d5	8.697	82	21148	0.212	ng	0.00
11) 2-Methylnaphthalene-d10	11.920	152	65674	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	7997	0.272	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	88477	0.278	ng	0.00
27) Fluoranthene-d10	18.980	212	157459	0.387	ng	0.00
31) Terphenyl-d14	19.596	244	141200	0.435	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.172	88	2708	0.109	ng	88
20) 4,6-Dinitro-2-methylph...	15.349	198	11	0.167	ng	# 1
24) Pentachlorophenol	16.605	266	145	0.208	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.091	149	39312	0.300	ng	99

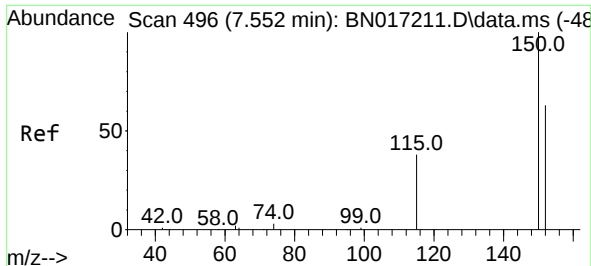
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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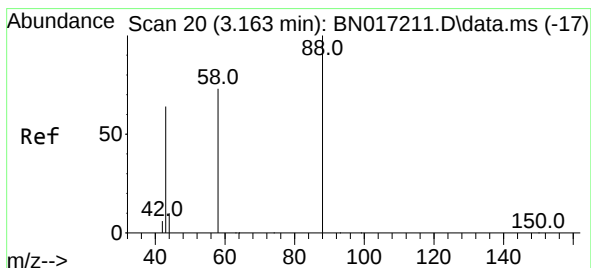
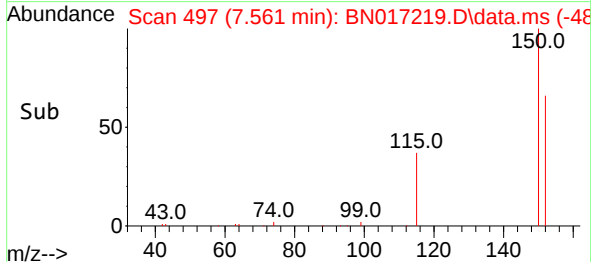
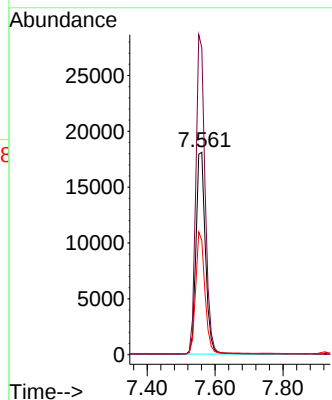
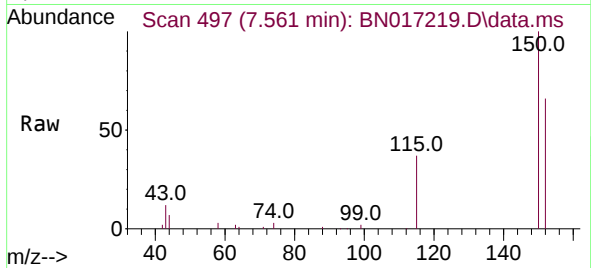




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.561 min Scan# 49
Delta R.T. 0.009 min
Lab File: BN017219.D
Acq: 01 Nov 2021 19:15

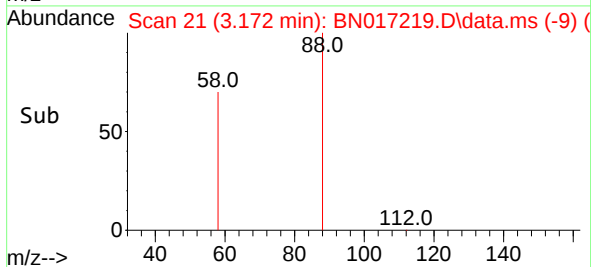
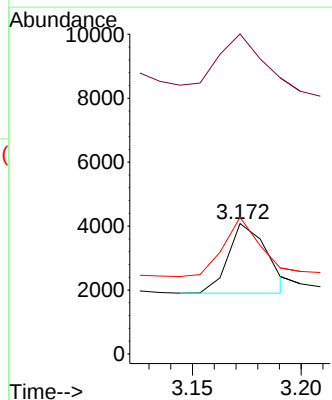
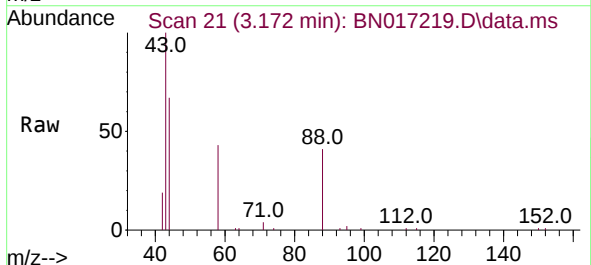
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-198-200

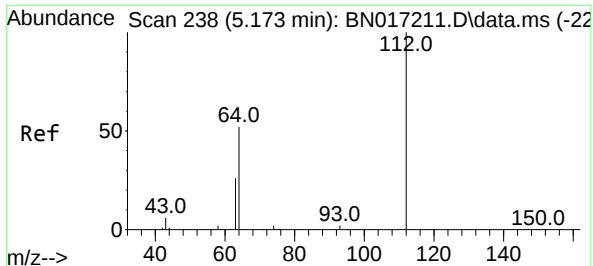
Tgt Ion:152 Resp: 34889
Ion Ratio Lower Upper
152 100
150 151.7 127.4 191.0
115 56.5 48.5 72.7



#2
1,4-Dioxane
Concen: 0.109 ng
RT: 3.172 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017219.D
Acq: 01 Nov 2021 19:15

Tgt Ion: 88 Resp: 2708
Ion Ratio Lower Upper
88 100
43 75.1 72.9 109.3
58 80.1 68.6 103.0

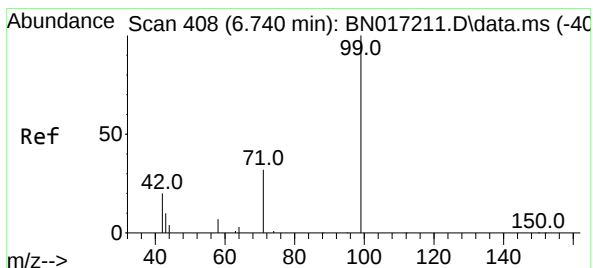
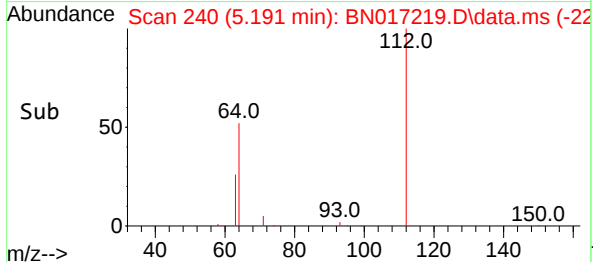
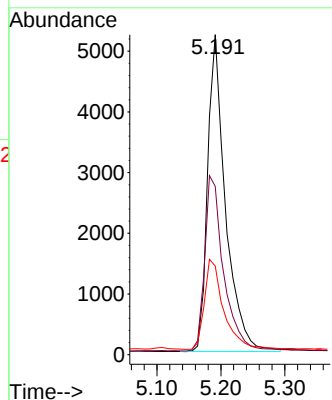
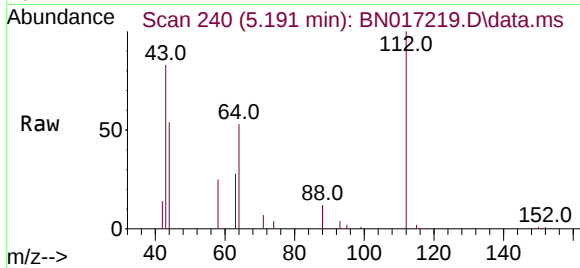




#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.191 min Scan# 24
Delta R.T. 0.019 min
Lab File: BN017219.D
Acq: 01 Nov 2021 19:15

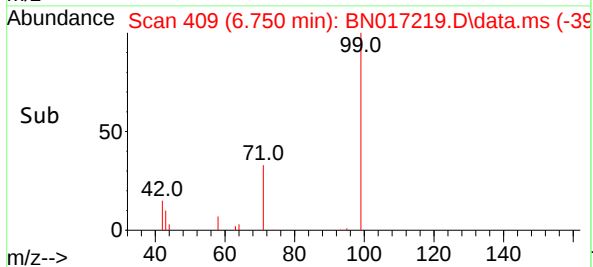
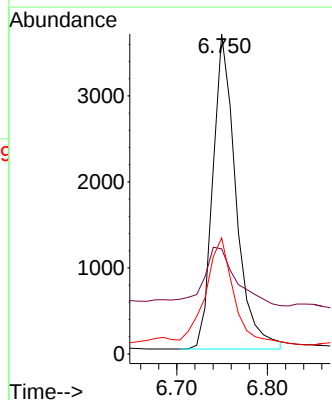
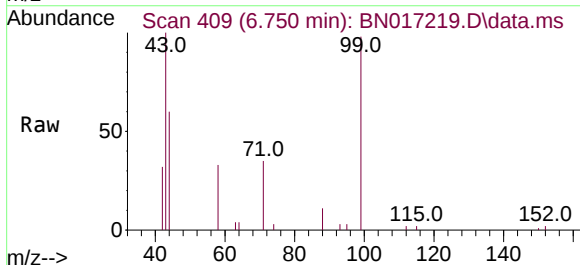
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-198-200

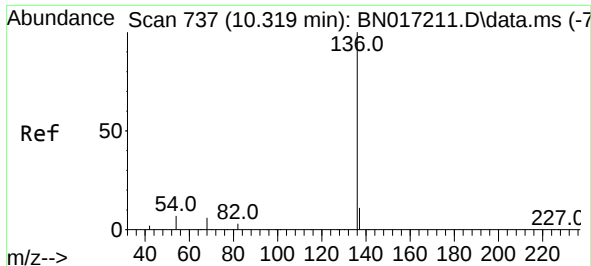
Tgt Ion:112 Resp: 10157
Ion Ratio Lower Upper
112 100
64 58.3 47.1 70.7
63 30.8 23.9 35.9



#5
Phenol-d6
Concen: 0.070 ng
RT: 6.750 min Scan# 409
Delta R.T. 0.009 min
Lab File: BN017219.D
Acq: 01 Nov 2021 19:15

Tgt Ion: 99 Resp: 6476
Ion Ratio Lower Upper
99 100
42 27.7 16.5 24.7#
71 38.9 24.7 37.1#

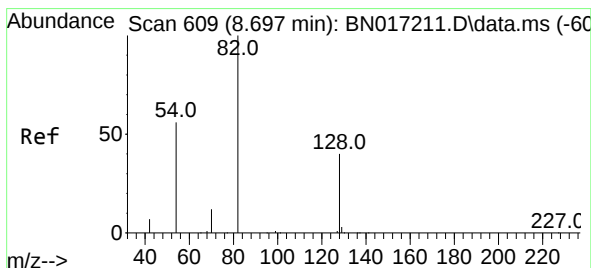
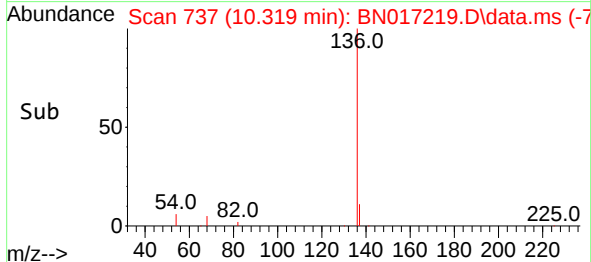
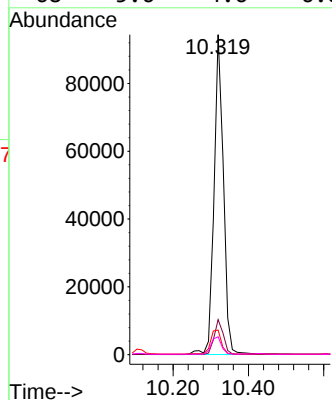
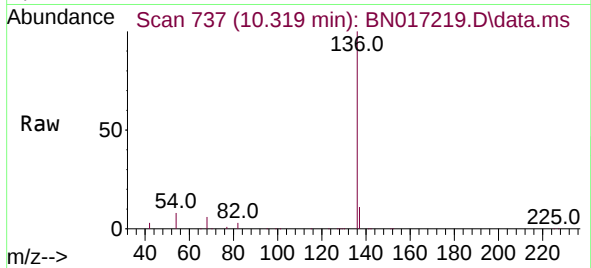




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN017219.D
Acq: 01 Nov 2021 19:15

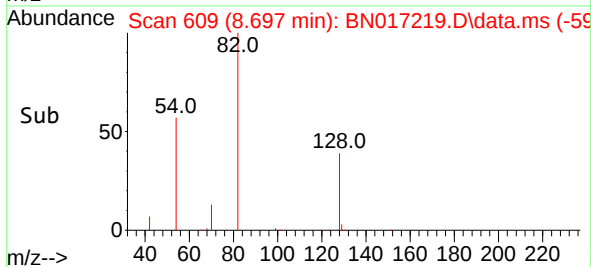
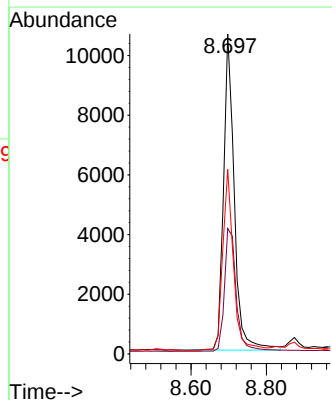
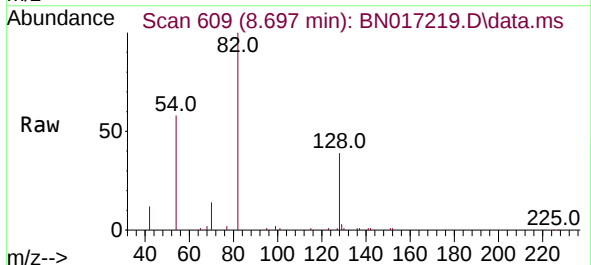
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-198-200

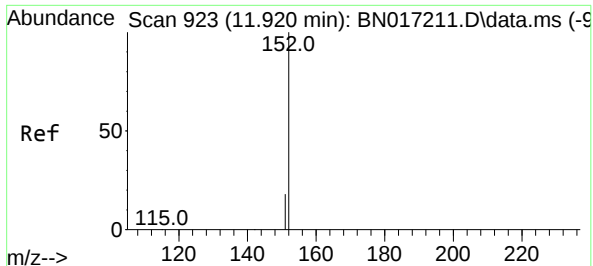
Tgt Ion:	136	Resp:	162673
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	7.7	6.1	9.1
68	5.6	4.6	6.8



#8
Nitrobenzene-d5
Concen: 0.212 ng
RT: 8.697 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN017219.D
Acq: 01 Nov 2021 19:15

Tgt Ion:	82	Resp:	21148
Ion Ratio	Lower	Upper	
82	100		
128	39.2	32.0	48.0
54	57.6	45.0	67.4





#11

2-Methylnaphthalene-d10

Concen: 0.286 ng

RT: 11.920 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN017219.D

Acq: 01 Nov 2021 19:15

Instrument :

BNA_N

ClientSampleId :

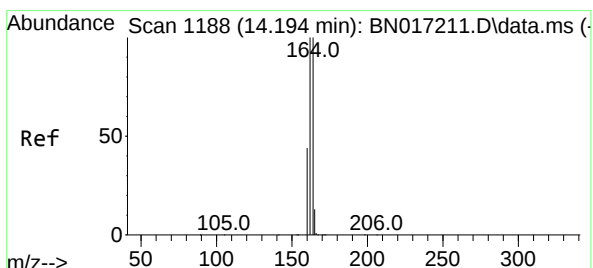
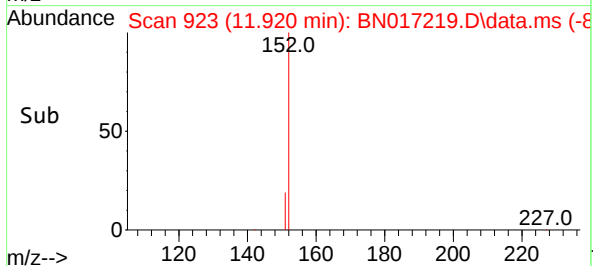
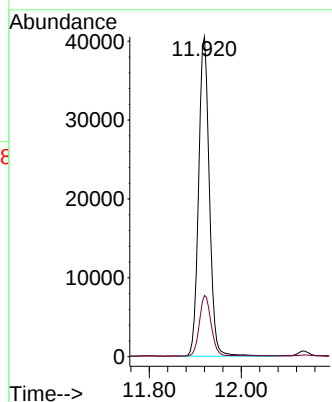
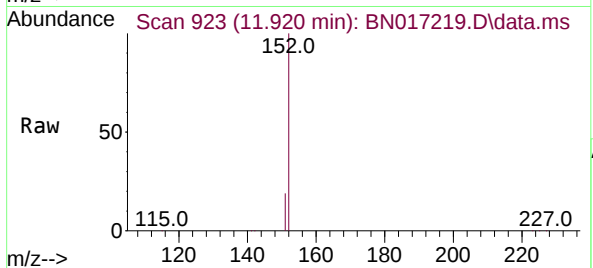
BP-VPB-RW9-GW-198-200

Tgt Ion:152 Resp: 65674

Ion Ratio Lower Upper

152 100

151 20.9 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: BN017219.D

Acq: 01 Nov 2021 19:15

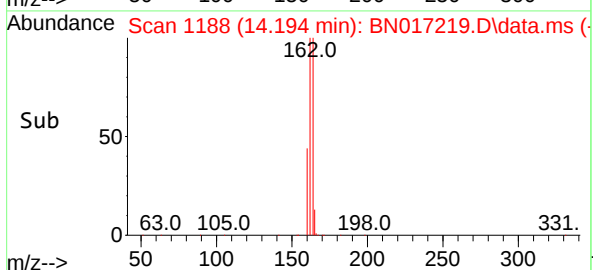
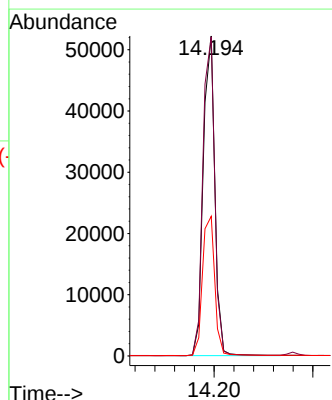
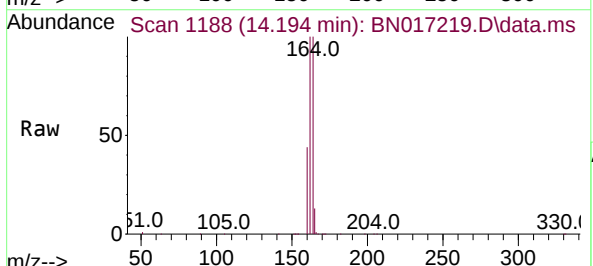
Tgt Ion:164 Resp: 84664

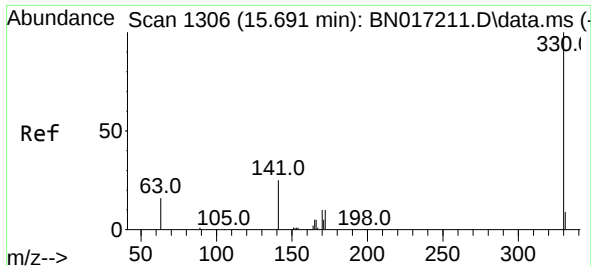
Ion Ratio Lower Upper

164 100

162 99.7 79.8 119.8

160 43.6 35.4 53.2

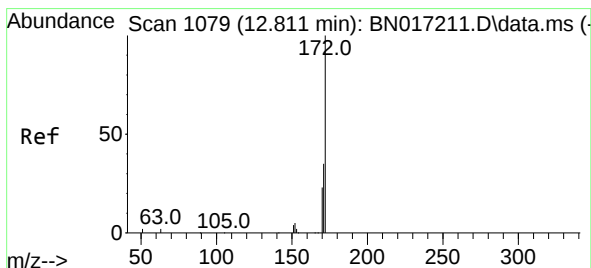
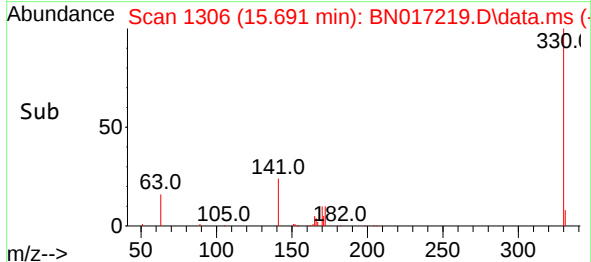
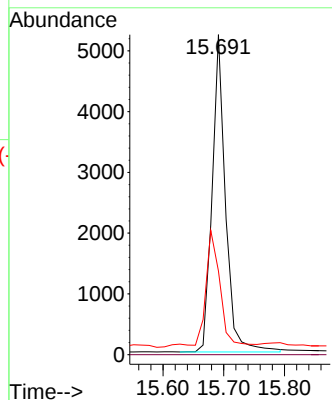
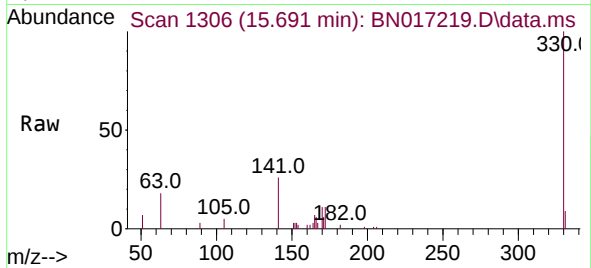




#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 15.691 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN017219.D
Acq: 01 Nov 2021 19:15

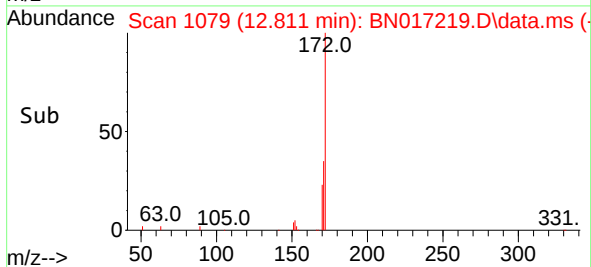
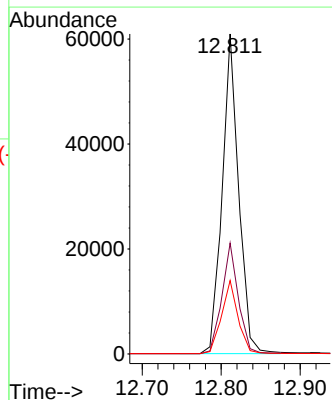
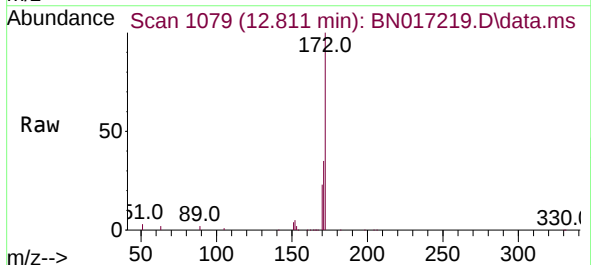
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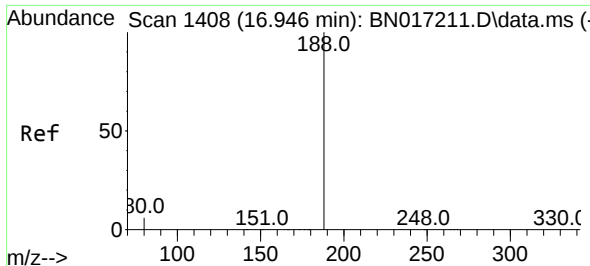
Tgt Ion:330 Resp: 7997
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.1 31.4 47.2



#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 12.811 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BN017219.D
Acq: 01 Nov 2021 19:15

Tgt Ion:172 Resp: 88477
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.0 18.4 27.6

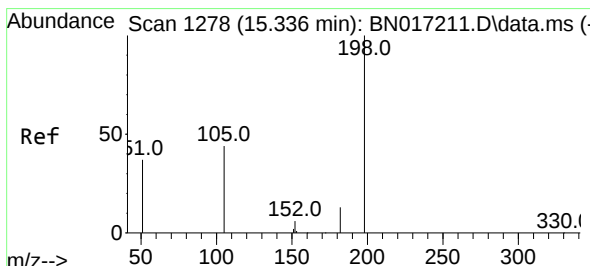
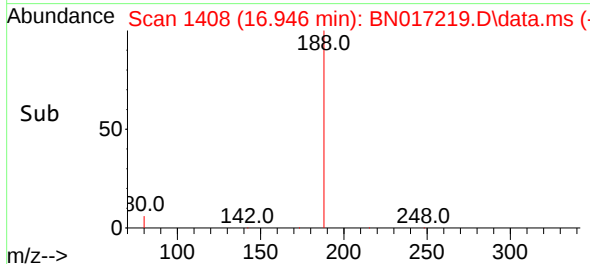
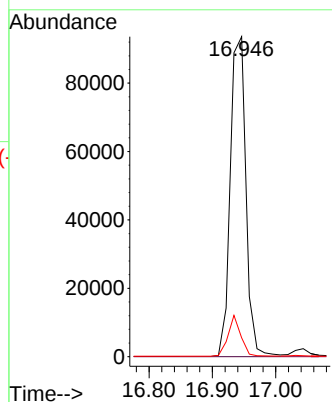
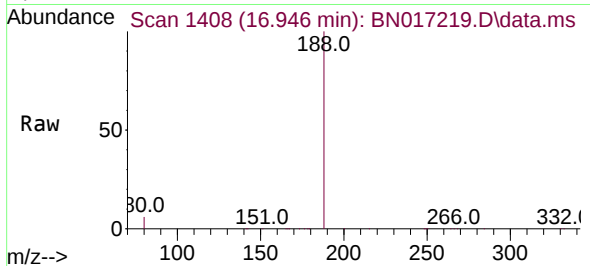




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.946 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN017219.D
Acq: 01 Nov 2021 19:15

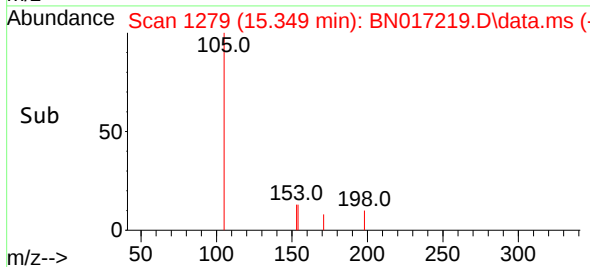
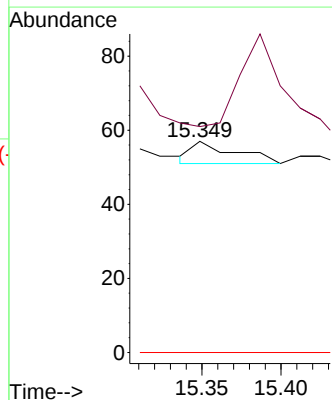
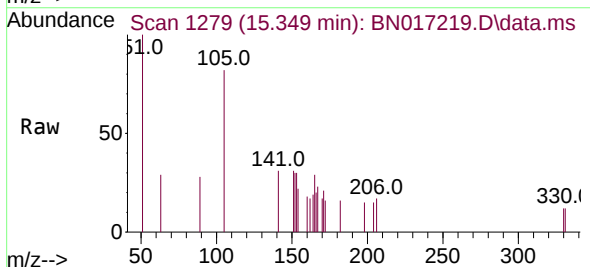
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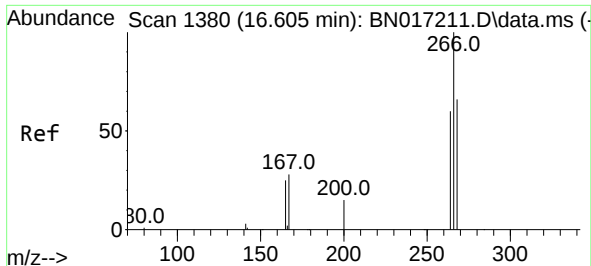
Tgt Ion:188 Resp: 159825
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.9 5.1 7.7



#20
4,6-Dinitro-2-methylphenol
Concen: 0.167 ng
RT: 15.349 min Scan# 1279
Delta R.T. 0.013 min
Lab File: BN017219.D
Acq: 01 Nov 2021 19:15

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 107.0 12.6 19.0#
77 0.0 0.0 0.0

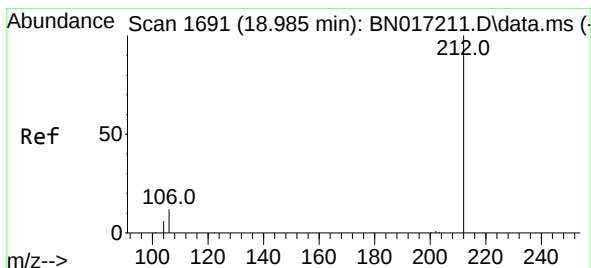
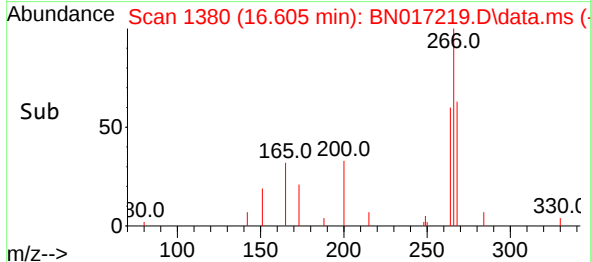
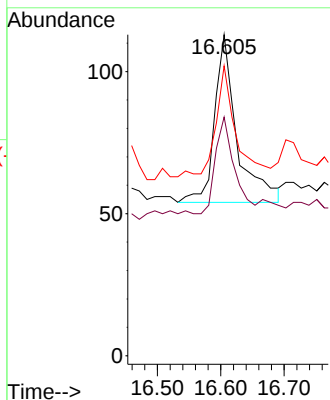
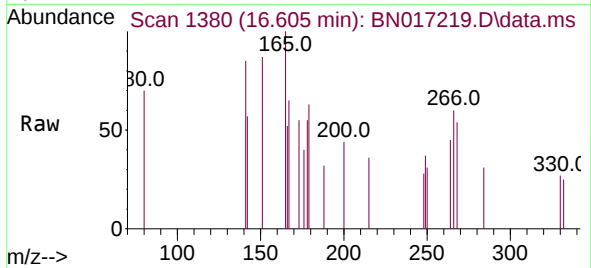




#24
 Pentachlorophenol
 Concen: 0.208 ng
 RT: 16.605 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017219.D
 Acq: 01 Nov 2021 19:15

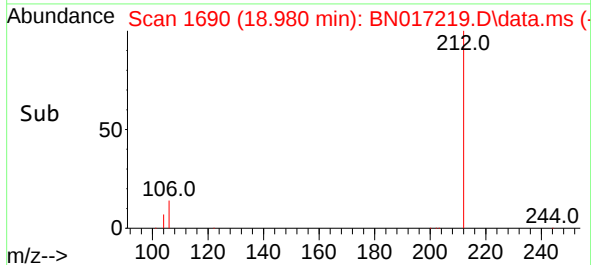
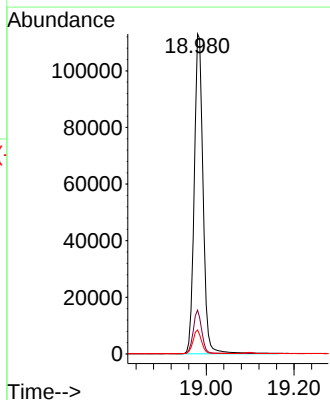
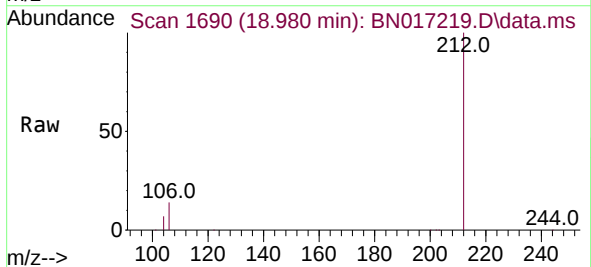
Instrument :
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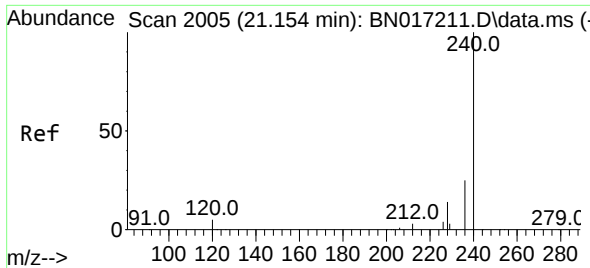
Tgt Ion:	266	Resp:	145
Ion Ratio	Lower	Upper	
266	100		
264	49.0	49.8	74.6#
268	58.6	51.2	76.8



#27
 Fluoranthene-d10
 Concen: 0.387 ng
 RT: 18.980 min Scan# 1690
 Delta R.T. -0.005 min
 Lab File: BN017219.D
 Acq: 01 Nov 2021 19:15

Tgt Ion:	212	Resp:	157459
Ion Ratio	Lower	Upper	
212	100		
106	13.1	10.6	15.8
104	7.1	5.8	8.6

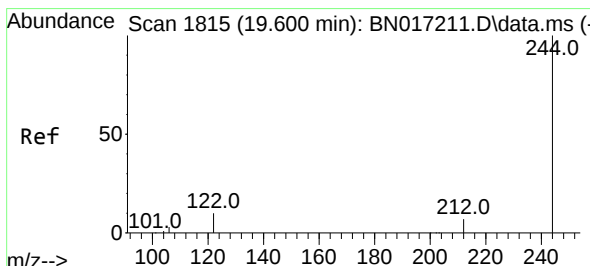
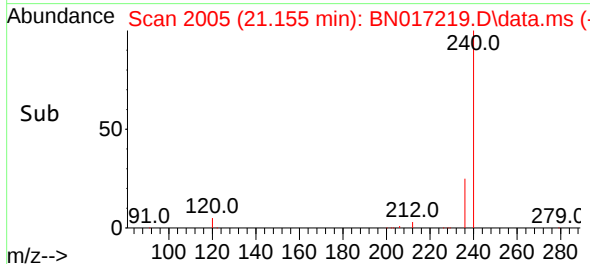
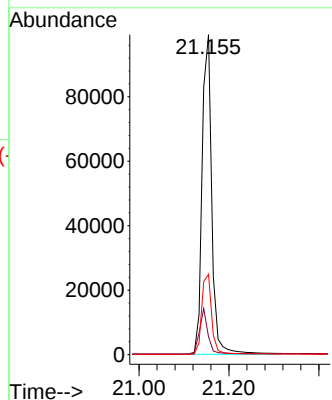
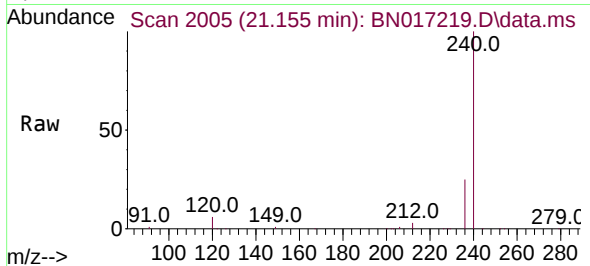




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.155 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN017219.D
Acq: 01 Nov 2021 19:15

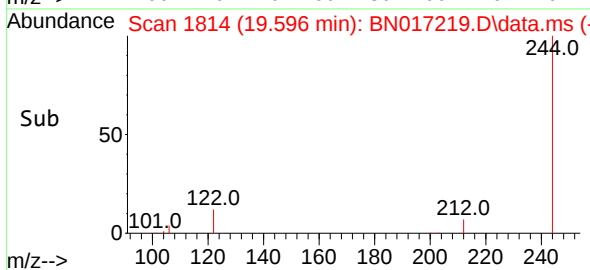
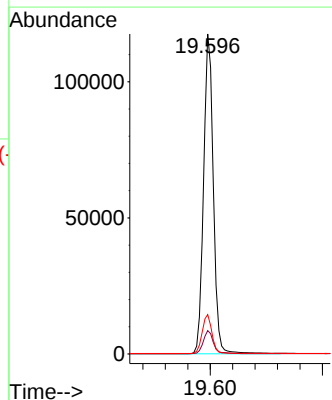
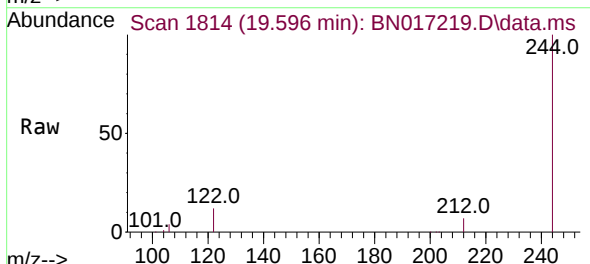
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-198-200

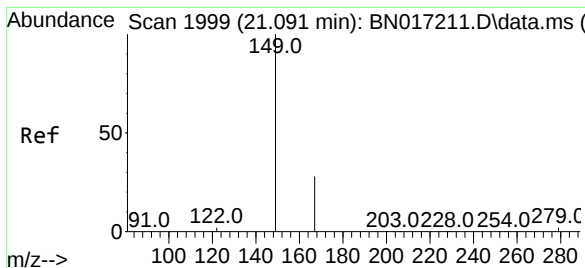
Tgt Ion:240 Resp: 148673
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.4
236 25.2 20.2 30.2



#31
Terphenyl-d14
Concen: 0.435 ng
RT: 19.596 min Scan# 1814
Delta R.T. -0.005 min
Lab File: BN017219.D
Acq: 01 Nov 2021 19:15

Tgt Ion:244 Resp: 141200
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 12.3 8.3 12.5

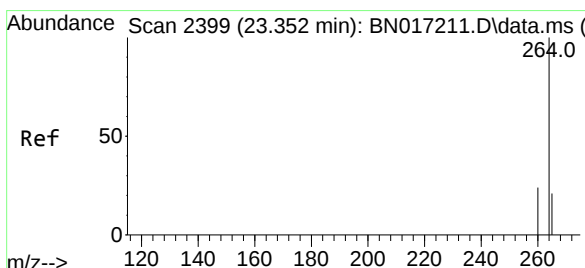
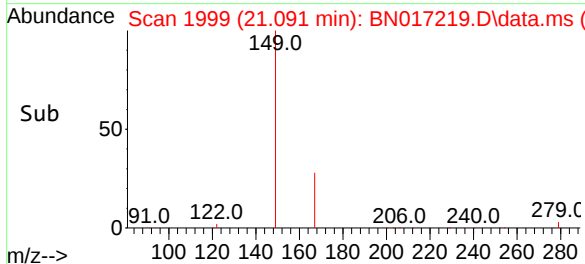
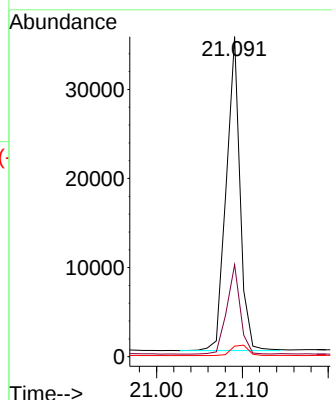
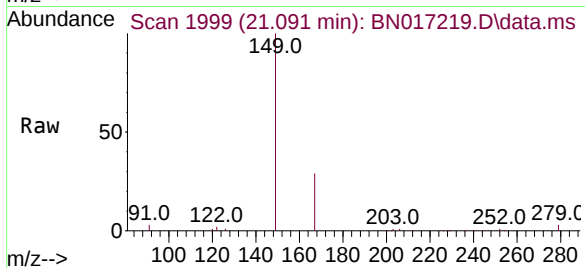




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.300 ng
RT: 21.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BN017219.D
Acq: 01 Nov 2021 19:15

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-198-200

Tgt Ion:149 Resp: 39312
Ion Ratio Lower Upper
149 100
167 27.7 21.8 32.8
279 4.0 3.1 4.7



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.352 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN017219.D
Acq: 01 Nov 2021 19:15

Tgt Ion:264 Resp: 143207
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 22.8 18.8 28.2

