

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110121\
 Data File : BN017217.D
 Acq On : 01 Nov 2021 18:02
 Operator : CG/JU
 Sample : PB140247BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB140247BL

Quant Time: Nov 01 18:31:32 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	37940	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	169184	0.400	ng	0.00
13) Acenaphthene-d10	14.194	164	88371	0.400	ng	0.00
19) Phenanthrene-d10	16.946	188	157847	0.400	ng	0.00
29) Chrysene-d12	21.154	240	136983	0.400	ng	# 0.00
35) Perylene-d12	23.355	264	144061	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.200	112	24586	0.267	ng	0.03
5) Phenol-d6	6.758	99	21653	0.216	ng	0.02
8) Nitrobenzene-d5	8.709	82	23244	0.224	ng	0.01
11) 2-Methylnaphthalene-d10	11.919	152	71579	0.300	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	3576	0.116	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	92963	0.280	ng	0.00
27) Fluoranthene-d10	18.985	212	122330	0.305	ng	0.00
31) Terphenyl-d14	19.600	244	117734	0.393	ng	0.00

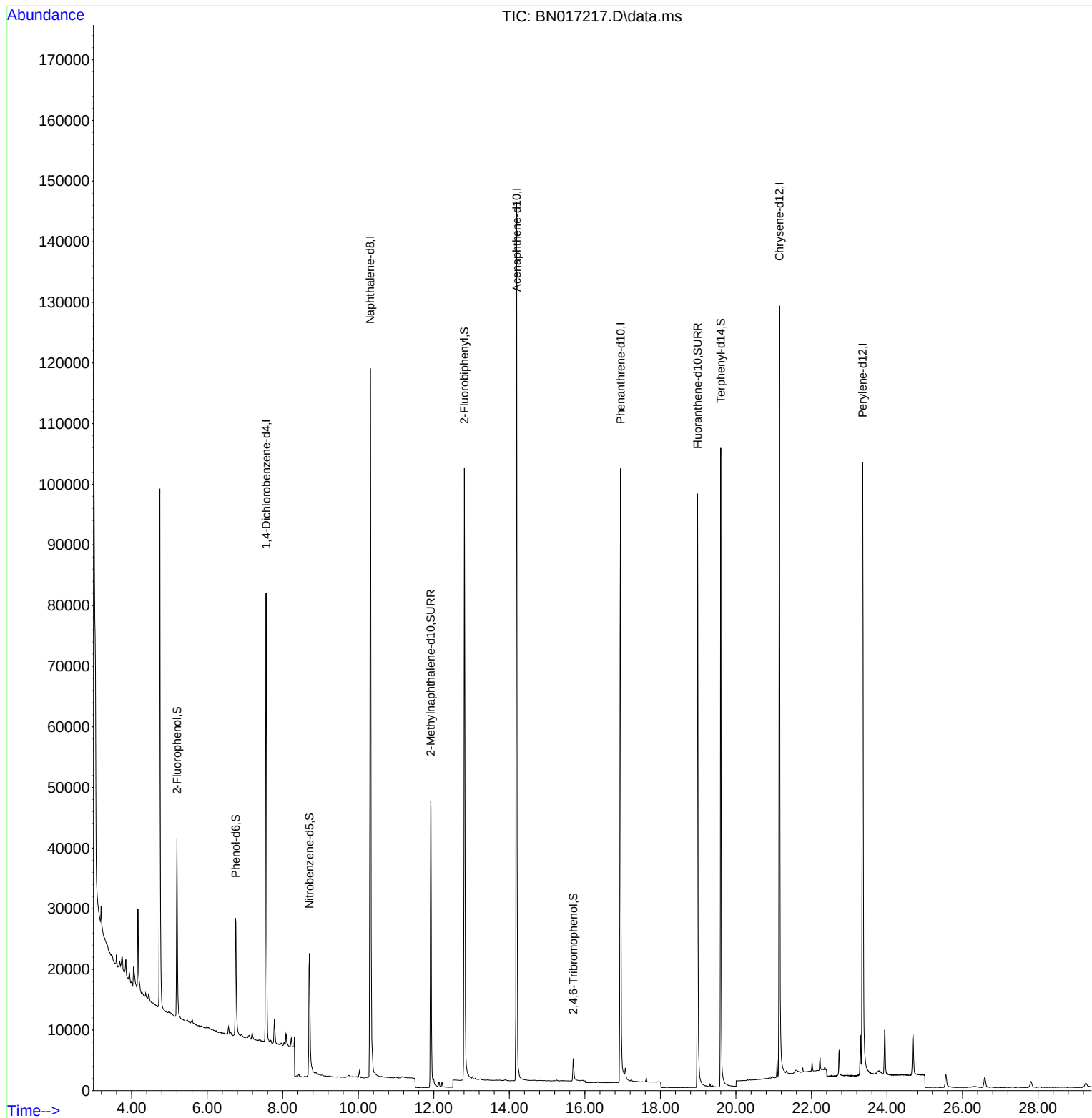
Target Compounds Qvalue

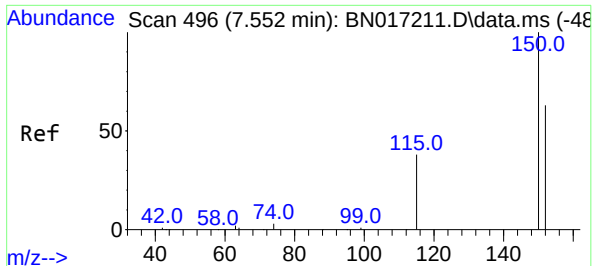
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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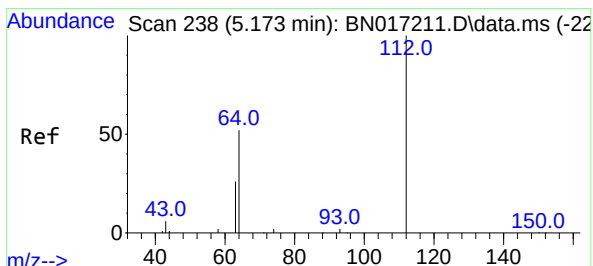
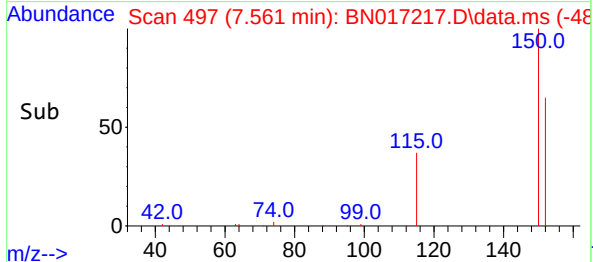
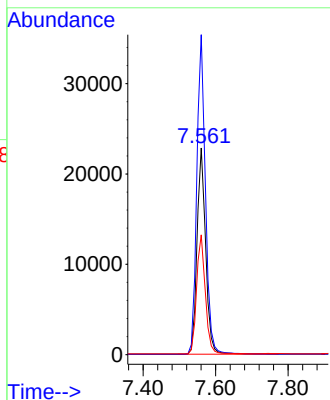
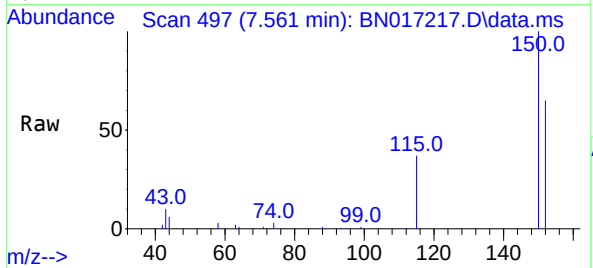




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.561 min Scan# 496
Delta R.T. 0.009 min
Lab File: BN017217.D
Acq: 01 Nov 2021 18:02

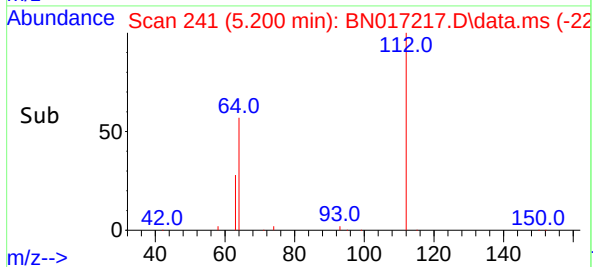
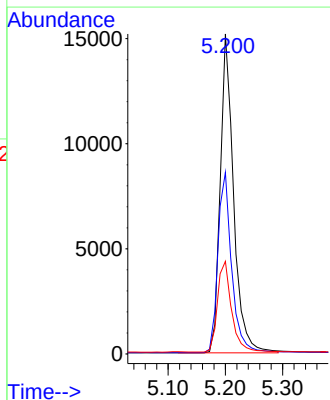
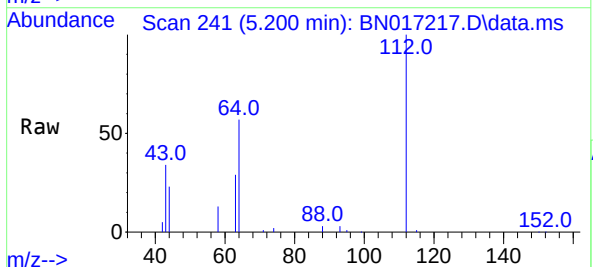
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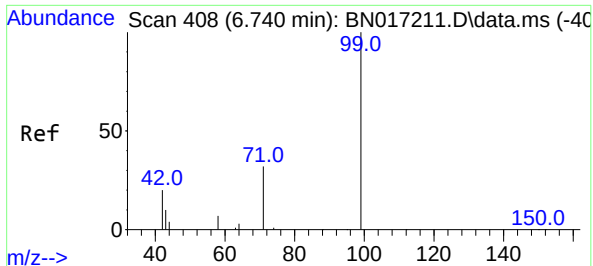
Tgt Ion:152 Resp: 37940
Ion Ratio Lower Upper
152 100
150 154.8 127.4 191.0
115 58.0 48.5 72.7



#4
2-Fluorophenol
Concen: 0.267 ng
RT: 5.200 min Scan# 241
Delta R.T. 0.027 min
Lab File: BN017217.D
Acq: 01 Nov 2021 18:02

Tgt Ion:112 Resp: 24586
Ion Ratio Lower Upper
112 100
64 58.3 47.1 70.7
63 30.1 23.9 35.9

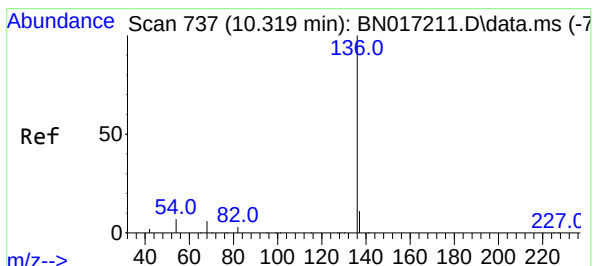
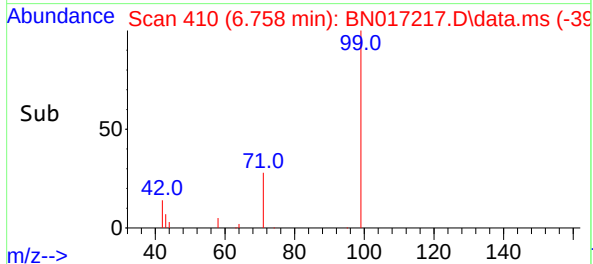
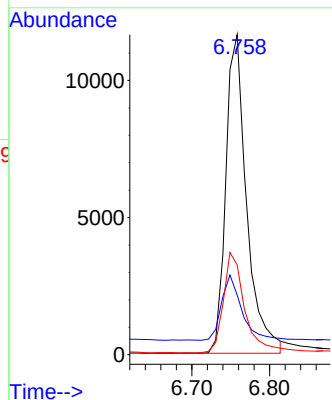
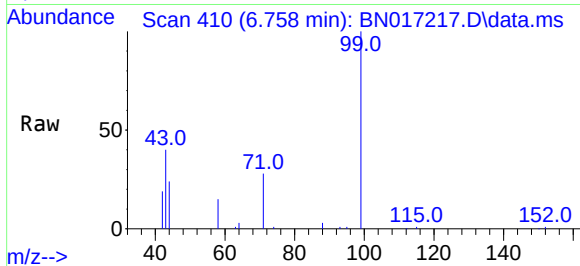




#5
Phenol-d6
Concen: 0.216 ng
RT: 6.758 min Scan# 410
Delta R.T. 0.018 min
Lab File: BN017217.D
Acq: 01 Nov 2021 18:02

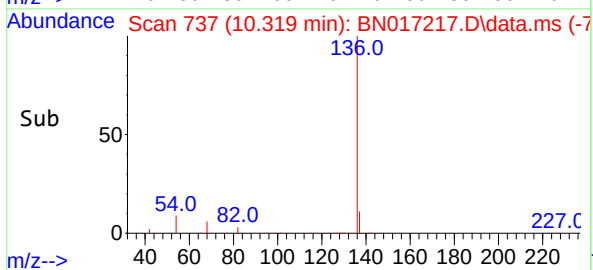
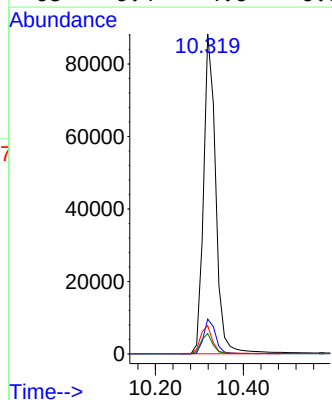
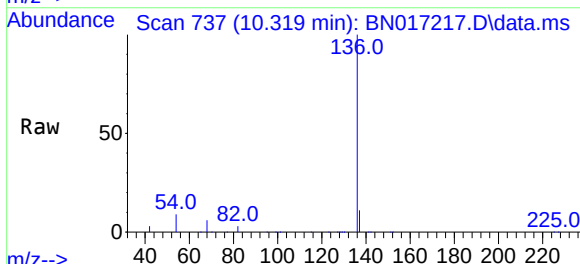
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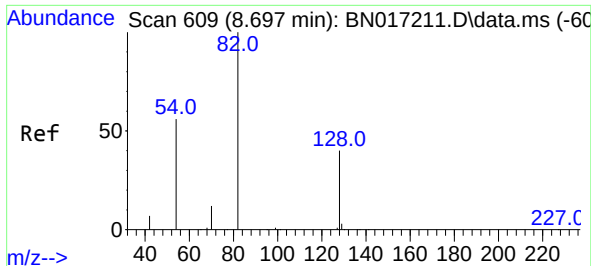
Tgt Ion: 99 Resp: 21653
Ion Ratio Lower Upper
99 100
42 19.7 16.5 24.7
71 32.1 24.7 37.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 737
Delta R.T. -0.000 min
Lab File: BN017217.D
Acq: 01 Nov 2021 18:02

Tgt Ion: 136 Resp: 169184
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.9 6.1 9.1
68 6.4 4.6 6.8

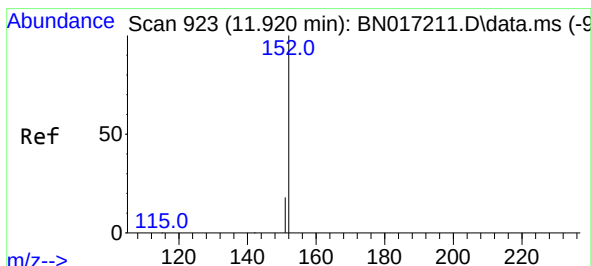
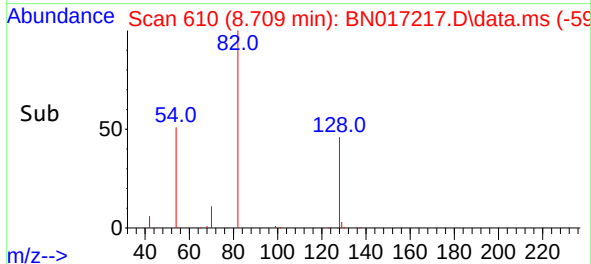
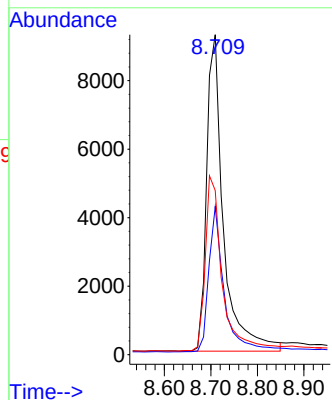
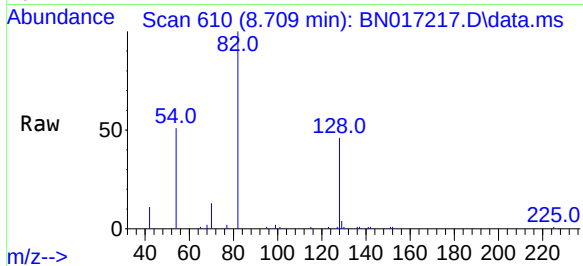




#8
Nitrobenzene-d5
Concen: 0.224 ng
RT: 8.709 min Scan# 610
Delta R.T. 0.012 min
Lab File: BN017217.D
Acq: 01 Nov 2021 18:02

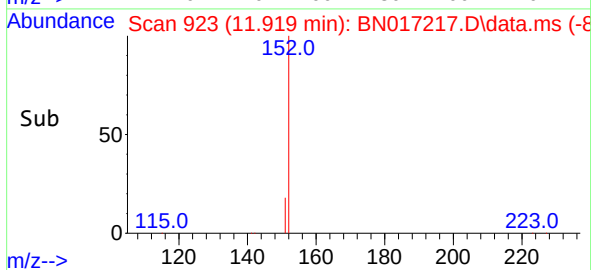
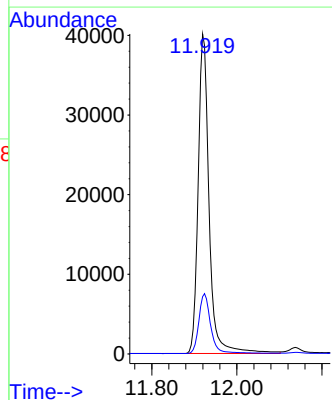
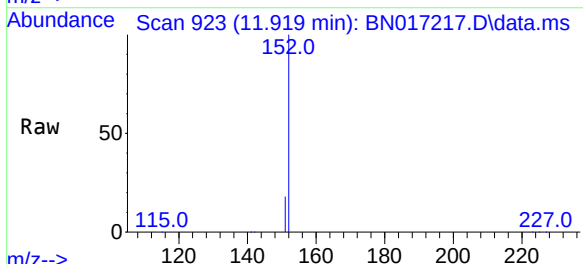
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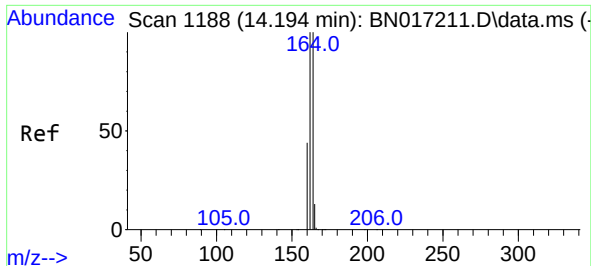
Tgt Ion: 82 Resp: 23244
Ion Ratio Lower Upper
82 100
128 46.3 32.0 48.0
54 51.3 45.0 67.4



#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 11.919 min Scan# 923
Delta R.T. -0.000 min
Lab File: BN017217.D
Acq: 01 Nov 2021 18:02

Tgt Ion: 152 Resp: 71579
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4

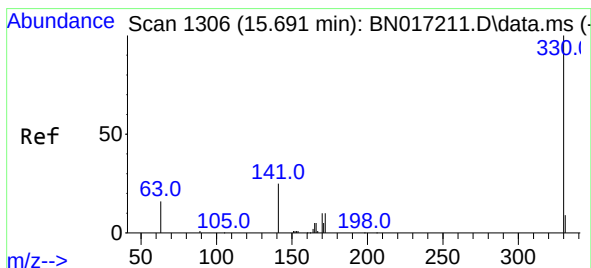
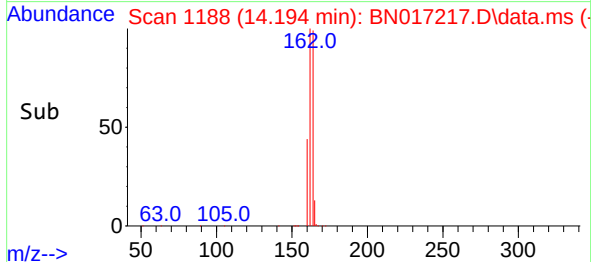
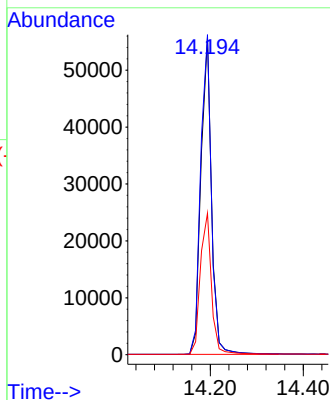
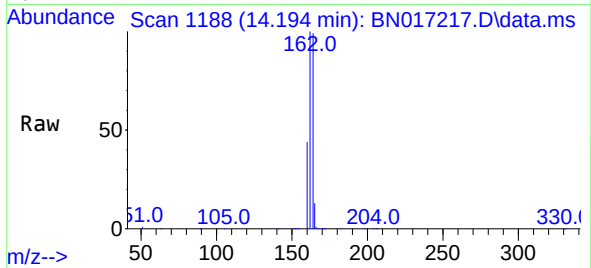




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.194 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN017217.D
Acq: 01 Nov 2021 18:02

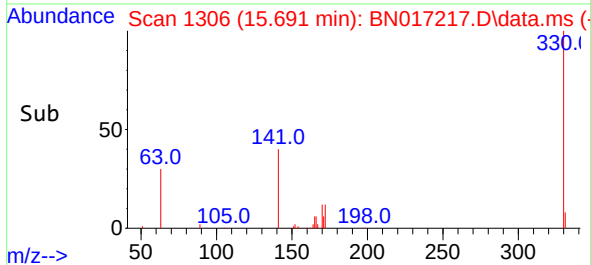
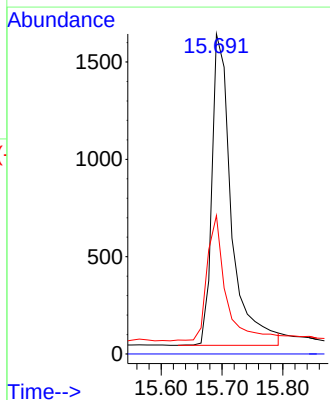
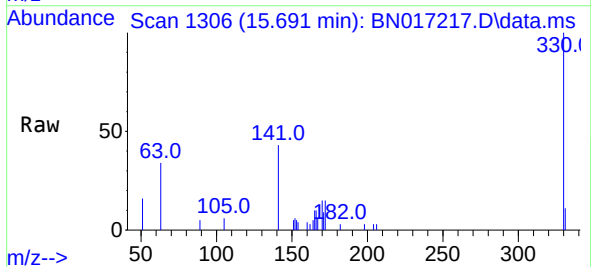
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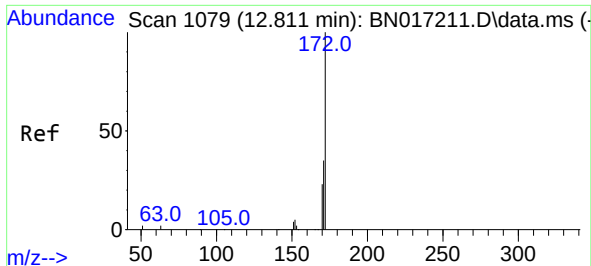
Tgt Ion:164 Resp: 88371
Ion Ratio Lower Upper
164 100
162 100.9 79.8 119.8
160 44.6 35.4 53.2



#14
2,4,6-Tribromophenol
Concen: 0.116 ng
RT: 15.691 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN017217.D
Acq: 01 Nov 2021 18:02

Tgt Ion:330 Resp: 3576
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.9 31.4 47.2

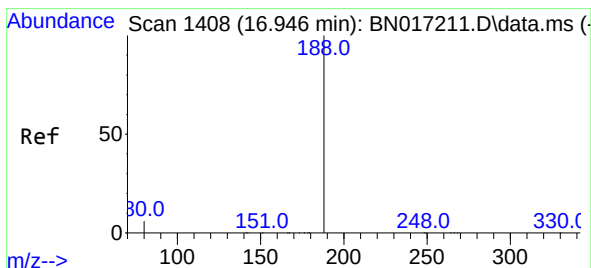
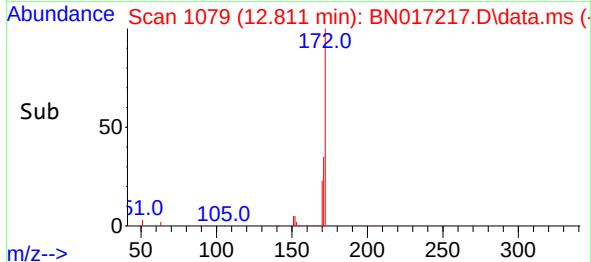
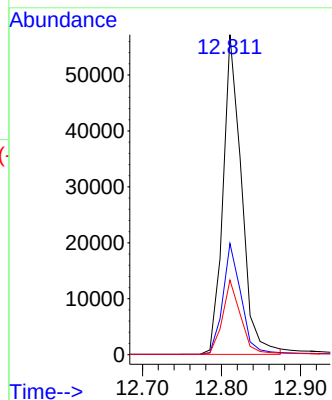
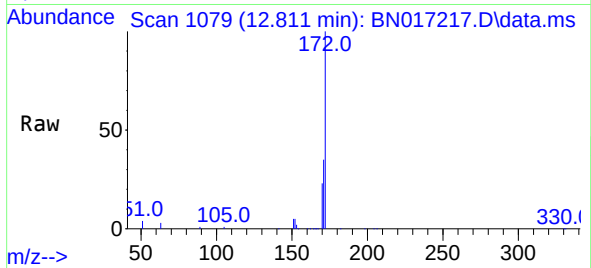




#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 12.811 min Scan# 1079
Delta R.T. -0.000 min
Lab File: BN017217.D
Acq: 01 Nov 2021 18:02

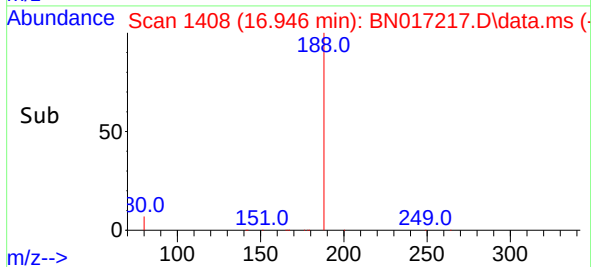
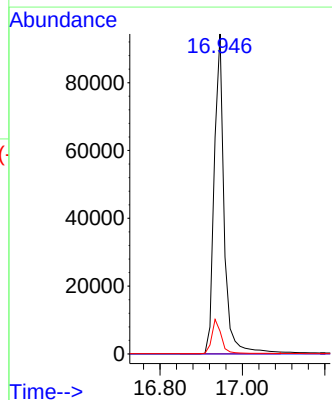
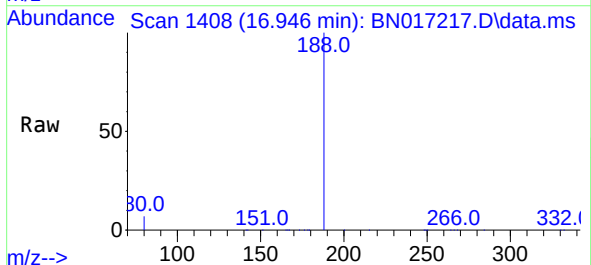
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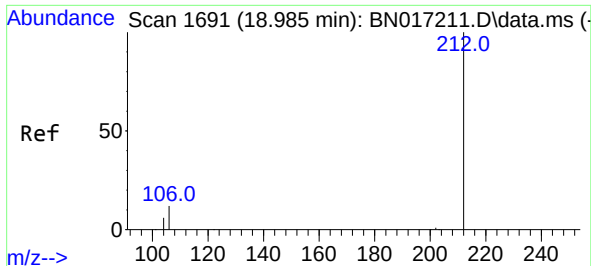
Tgt Ion:172 Resp: 92963
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.3 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.946 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN017217.D
Acq: 01 Nov 2021 18:02

Tgt Ion:188 Resp: 157847
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 5.1 7.7

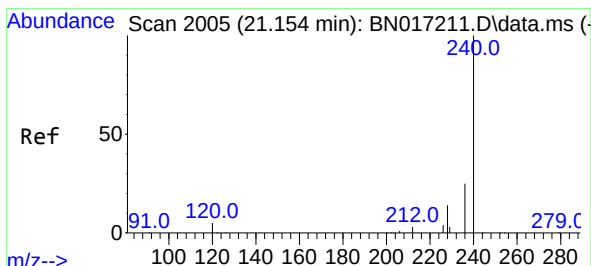
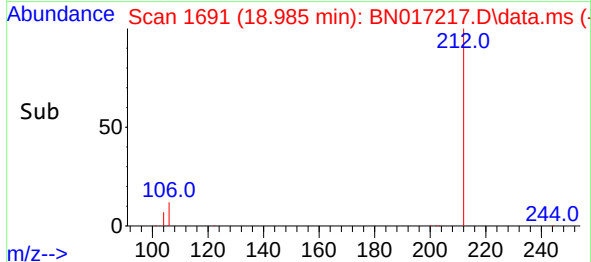
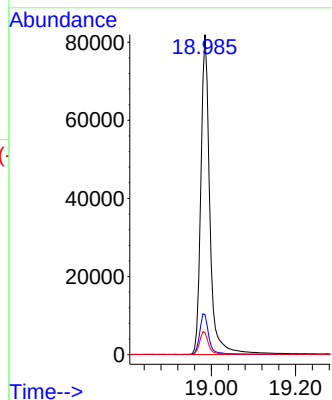
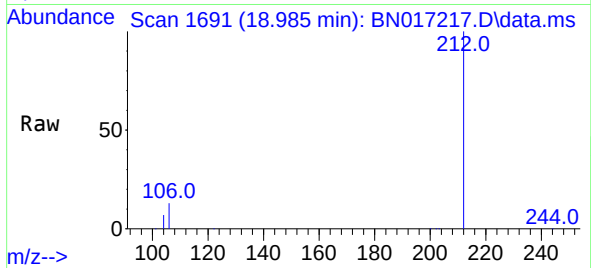




#27
Fluoranthene-d10
Concen: 0.305 ng
RT: 18.985 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017217.D
Acq: 01 Nov 2021 18:02

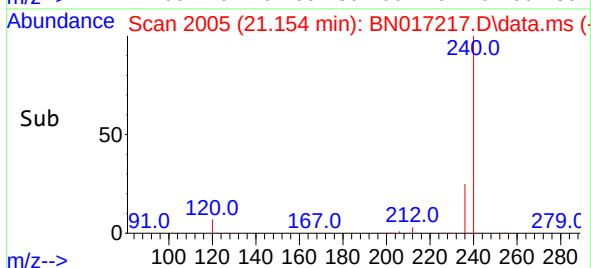
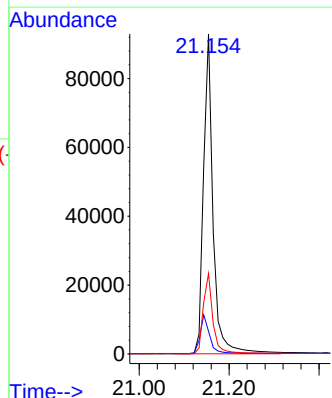
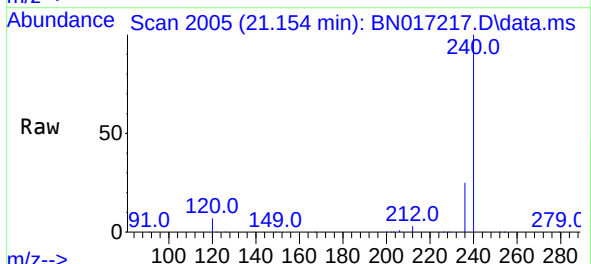
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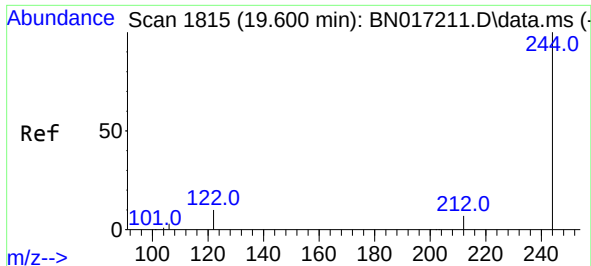
Tgt Ion:212 Resp: 122330
Ion Ratio Lower Upper
212 100
106 13.0 10.6 15.8
104 7.2 5.8 8.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.154 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN017217.D
Acq: 01 Nov 2021 18:02

Tgt Ion:240 Resp: 136983
Ion Ratio Lower Upper
240 100
120 7.1 4.2 6.4#
236 25.1 20.2 30.2

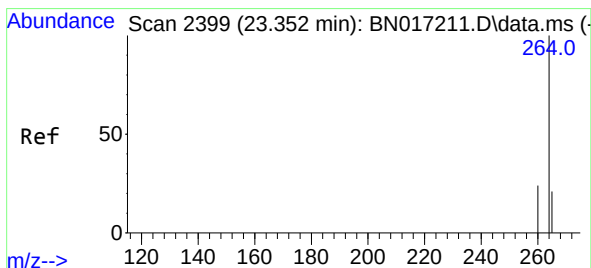
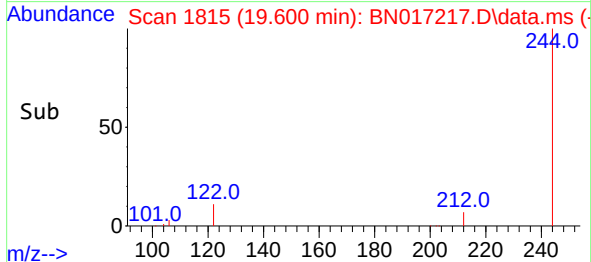
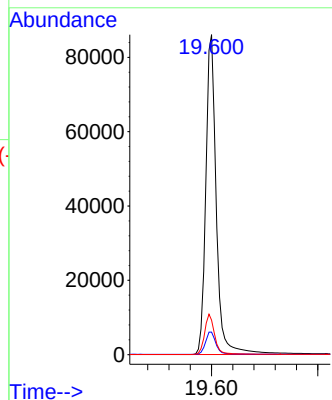
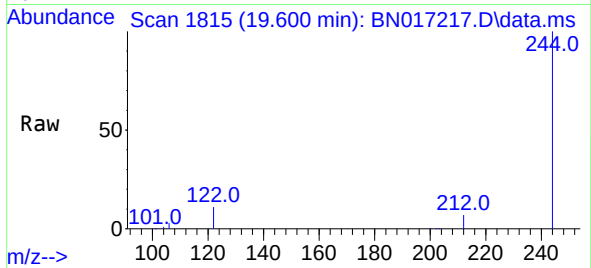




#31
 Terphenyl-d14
 Concen: 0.393 ng
 RT: 19.600 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN017217.D
 Acq: 01 Nov 2021 18:02

Instrument :
 BNA_N
 ClientSampleId :
 PB140247BL

Tgt Ion:244 Resp: 117734
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.8 8.3 12.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.355 min Scan# 2400
 Delta R.T. 0.003 min
 Lab File: BN017217.D
 Acq: 01 Nov 2021 18:02

Tgt Ion:264 Resp: 144061
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 23.0 18.8 28.2

