

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
 Data File : BN017995.D
 Acq On : 14 Dec 2021 09:11
 Operator : CG/JU
 Sample : PB141233BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141233BL

Quant Time: Dec 15 02:18:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 01:08:04 2021
 Response via : Initial Calibration

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

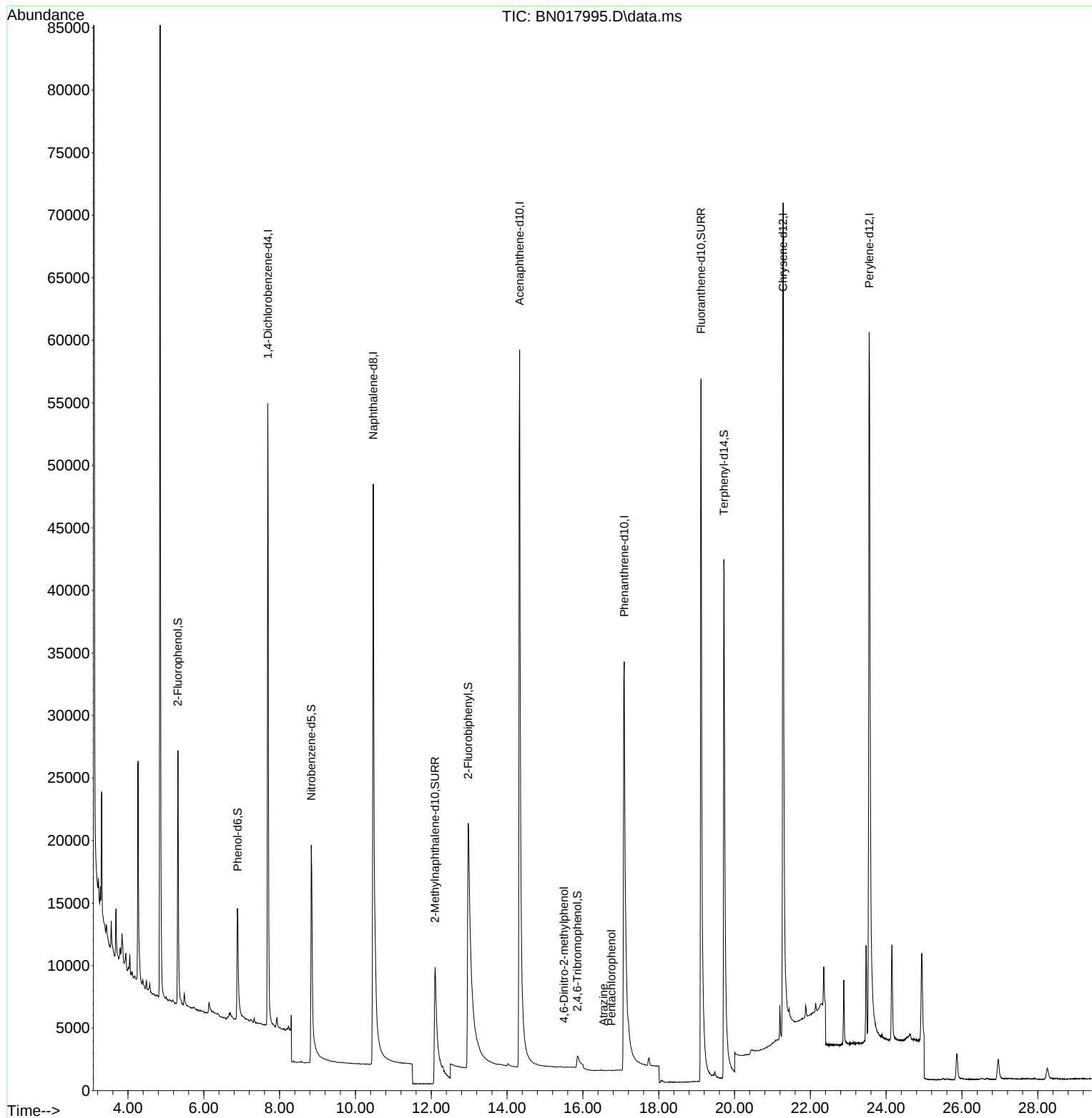
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	28564	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	103739	0.400	ng	# 0.00
13) Acenaphthene-d10	14.332	164	64507	0.400	ng	0.01
19) Phenanthrene-d10	17.091	188	114219	0.400	ng	0.02
29) Chrysene-d12	21.281	240	117783	0.400	ng	0.01
35) Perylene-d12	23.553	264	117423	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	17615	0.284	ng	0.03
5) Phenol-d6	6.896	99	11228	0.181	ng	0.03
8) Nitrobenzene-d5	8.835	82	23927	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	39680	0.231	ng	0.03
14) 2,4,6-Tribromophenol	15.855	330	2007	0.238	ng	0.04
15) 2-Fluorobiphenyl	12.975	172	41454	0.184	ng	0.03
27) Fluoranthene-d10	19.118	212	129533	0.340	ng	0.01
31) Terphenyl-d14	19.718	244	92907	0.378	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.500	198	4	0.208	ng	# 1
23) Atrazine	16.543	200	6	0.081	ng	# 1
24) Pentachlorophenol	16.750	266	12	0.243	ng	# 53

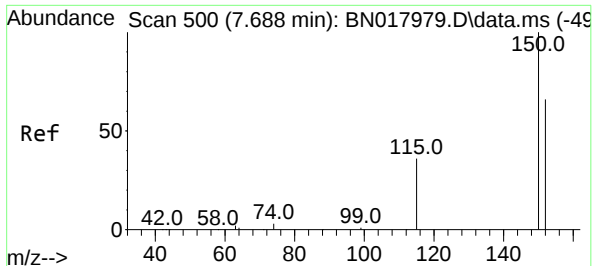
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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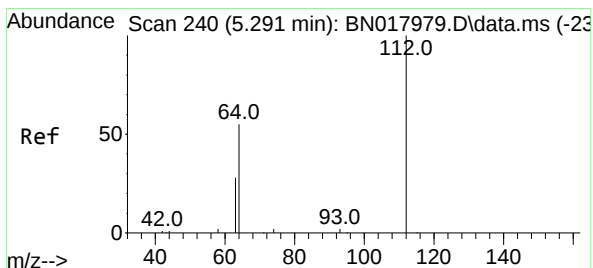
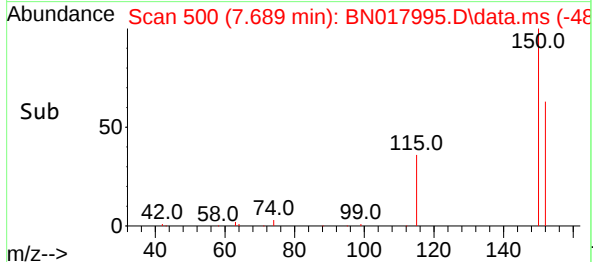
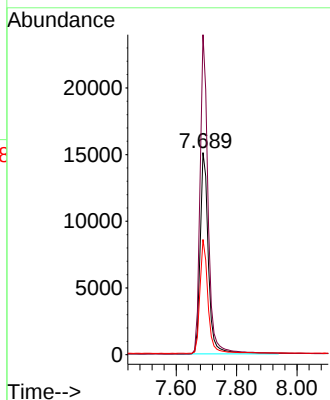
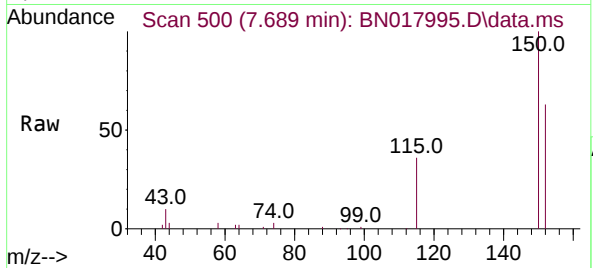




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 500
 Delta R.T. 0.001 min
 Lab File: BN017995.D
 Acq: 14 Dec 2021 09:11

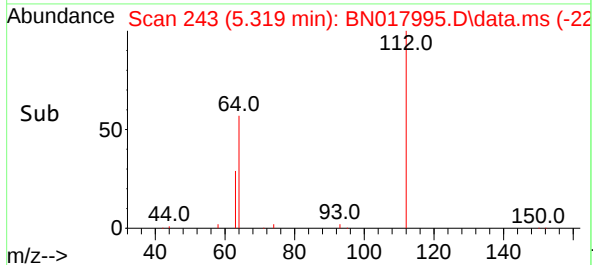
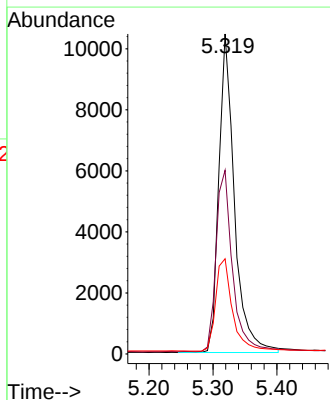
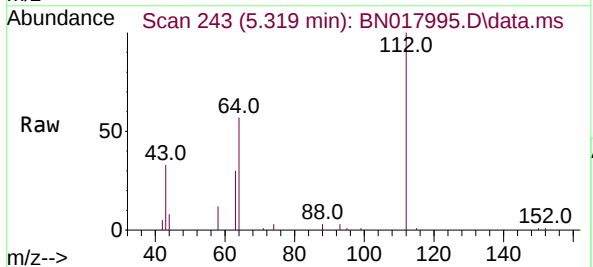
Instrument :
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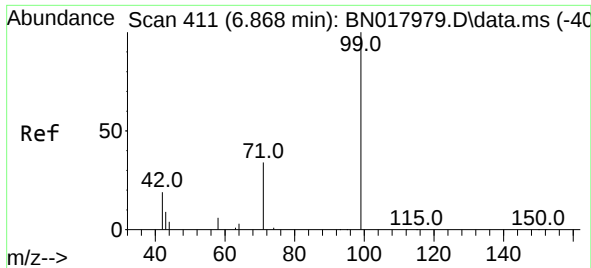
Tgt Ion:152 Resp: 28564
 Ion Ratio Lower Upper
 152 100
 150 158.3 121.7 182.5
 115 57.0 43.8 65.8



#4
 2-Fluorophenol
 Concen: 0.284 ng
 RT: 5.319 min Scan# 243
 Delta R.T. 0.028 min
 Lab File: BN017995.D
 Acq: 14 Dec 2021 09:11

Tgt Ion:112 Resp: 17615
 Ion Ratio Lower Upper
 112 100
 64 60.3 48.0 72.0
 63 31.4 25.3 37.9

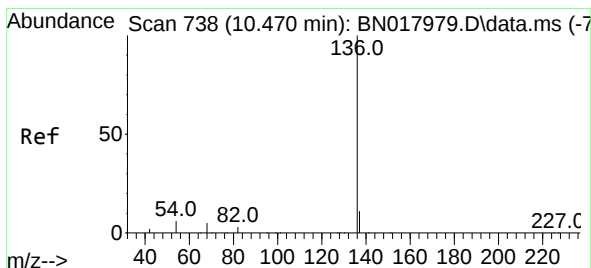
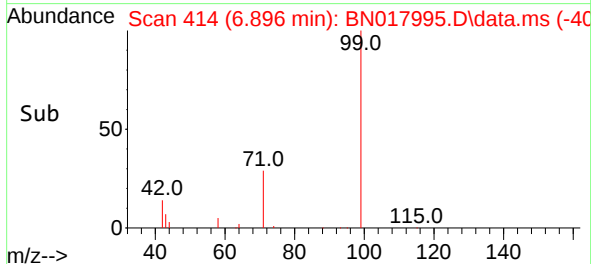
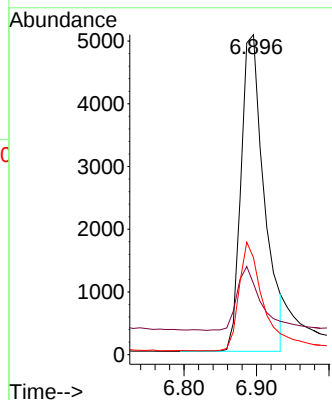
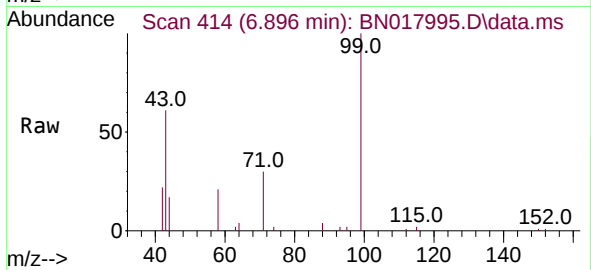




#5
Phenol-d6
Concen: 0.181 ng
RT: 6.896 min Scan# 411
Delta R.T. 0.028 min
Lab File: BN017995.D
Acq: 14 Dec 2021 09:11

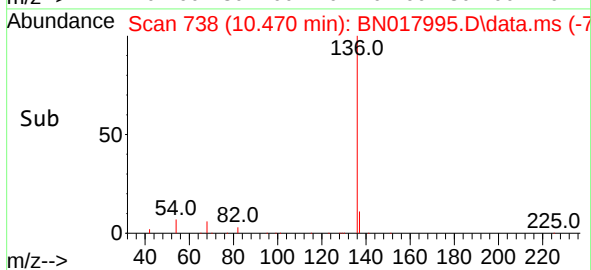
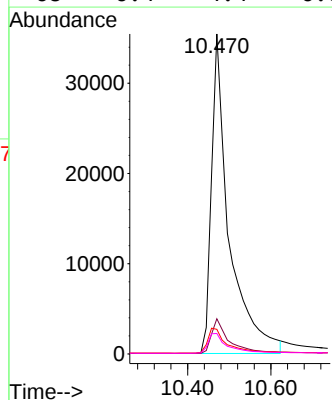
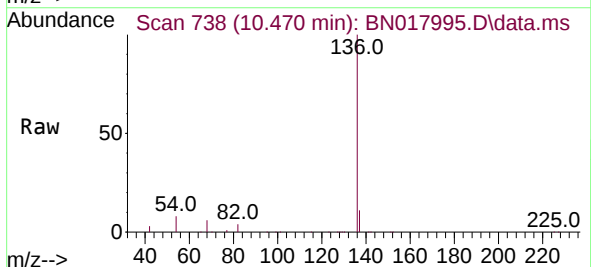
Instrument :
BNA_N
ClientSampleId :
PB141233BL

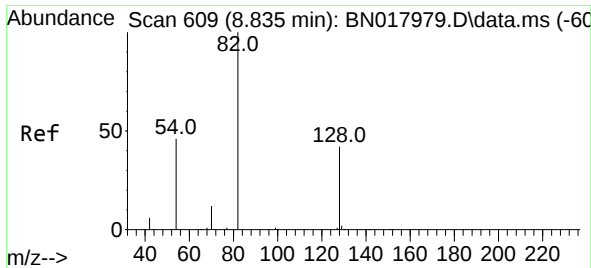
Tgt Ion: 99 Resp: 11228
Ion Ratio Lower Upper
99 100
42 19.7 16.3 24.5
71 33.7 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN017995.D
Acq: 14 Dec 2021 09:11

Tgt Ion: 136 Resp: 103739
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 5.0 7.6#
68 6.4 4.4 6.6

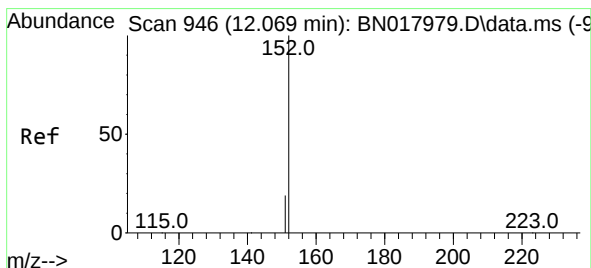
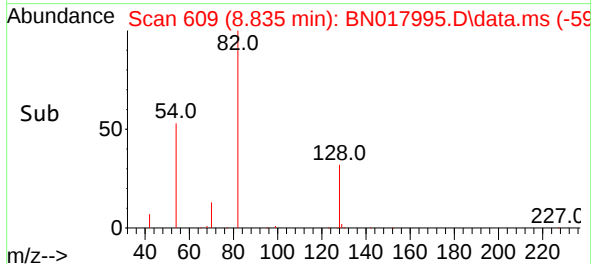
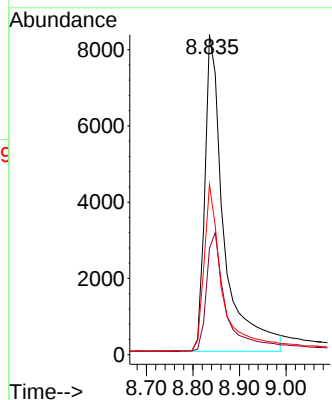
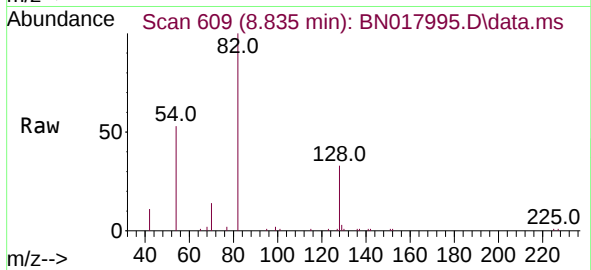




#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN017995.D
Acq: 14 Dec 2021 09:11

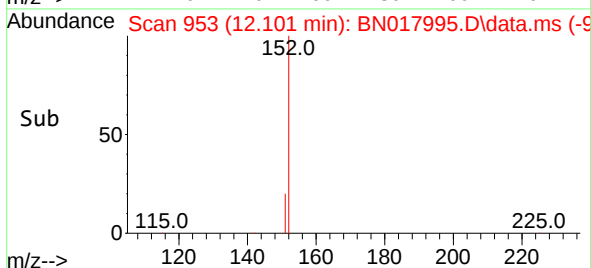
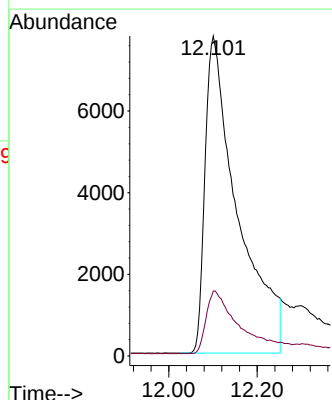
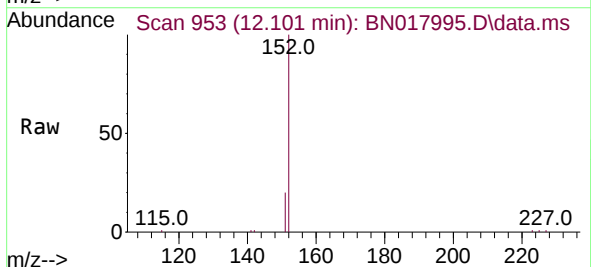
Instrument :
BNA_N
ClientSampleId :
PB141233BL

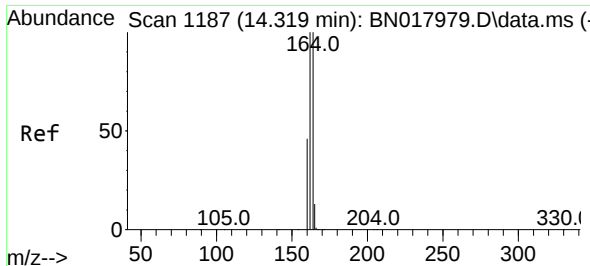
Tgt Ion: 82 Resp: 23927
Ion Ratio Lower Upper
82 100
128 33.2 33.7 50.5#
54 53.2 36.6 55.0



#11
2-Methylnaphthalene-d10
Concen: 0.231 ng
RT: 12.101 min Scan# 953
Delta R.T. 0.031 min
Lab File: BN017995.D
Acq: 14 Dec 2021 09:11

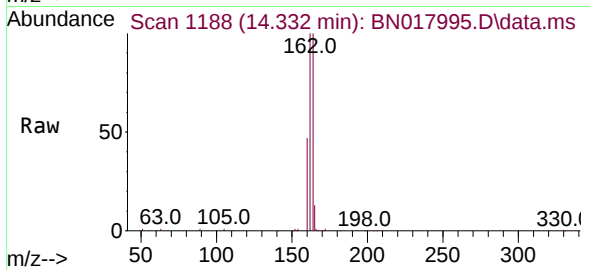
Tgt Ion: 152 Resp: 39680
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2



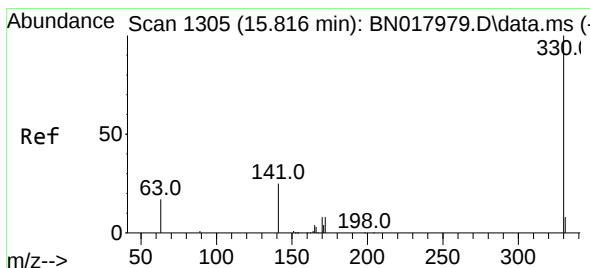
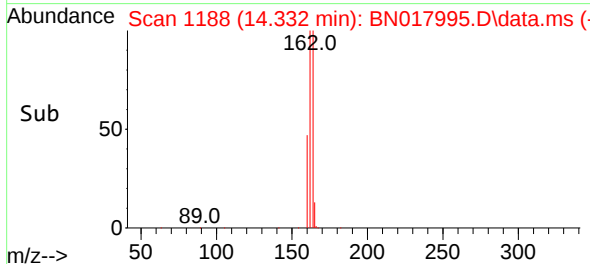
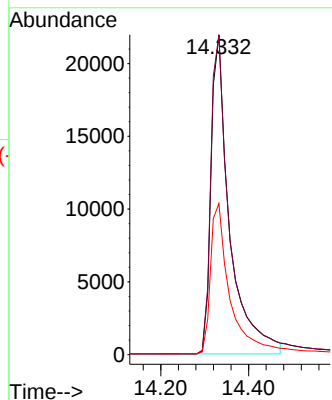


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.013 min
Lab File: BN017995.D
Acq: 14 Dec 2021 09:11

Instrument :
BNA_N
ClientSampleId :
PB141233BL

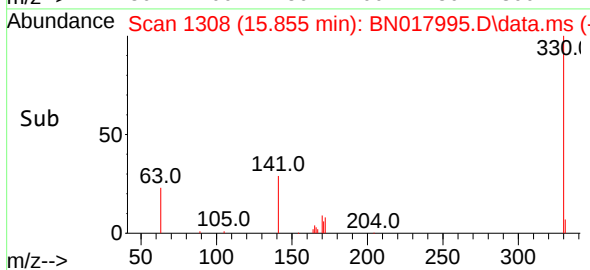
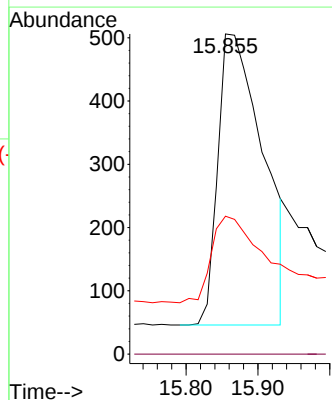
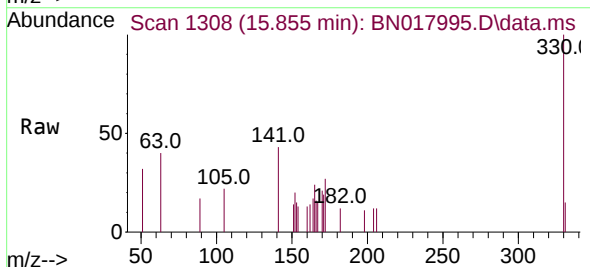


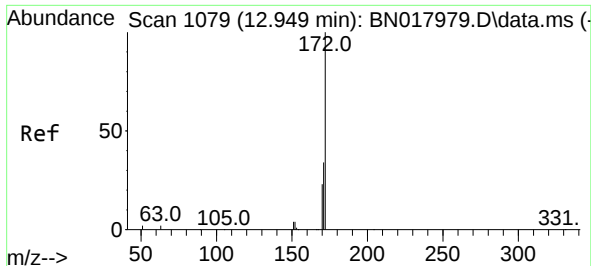
Tgt Ion:164 Resp: 64507
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.2
160 47.3 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.855 min Scan# 1308
Delta R.T. 0.039 min
Lab File: BN017995.D
Acq: 14 Dec 2021 09:11

Tgt Ion:330 Resp: 2007
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.9 21.3 31.9#

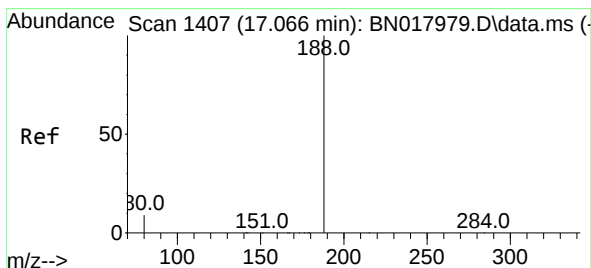
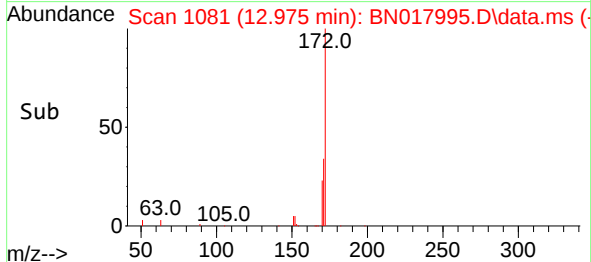
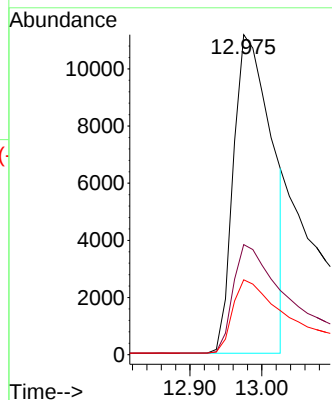
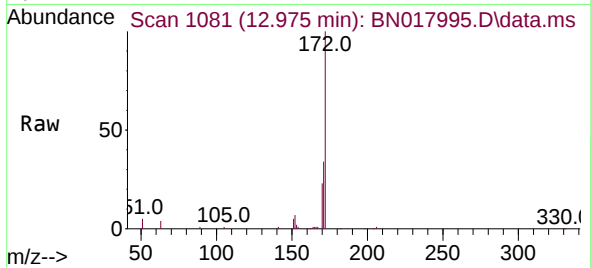




#15
2-Fluorobiphenyl
Concen: 0.184 ng
RT: 12.975 min Scan# 1081
Delta R.T. 0.026 min
Lab File: BN017995.D
Acq: 14 Dec 2021 09:11

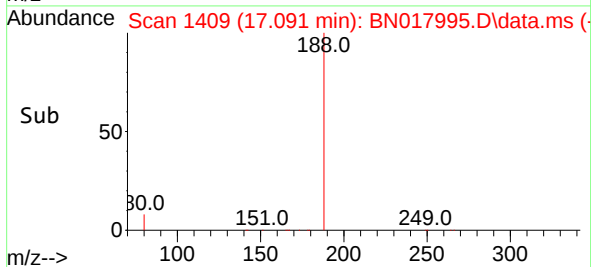
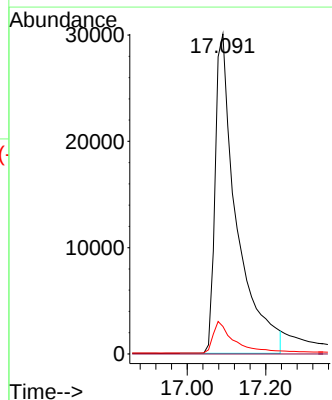
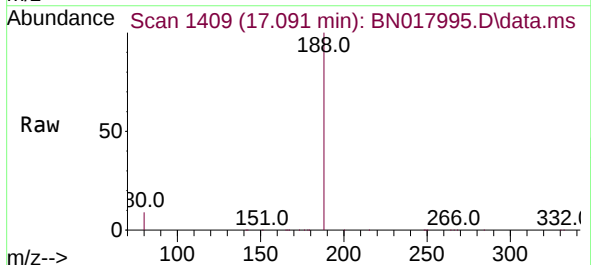
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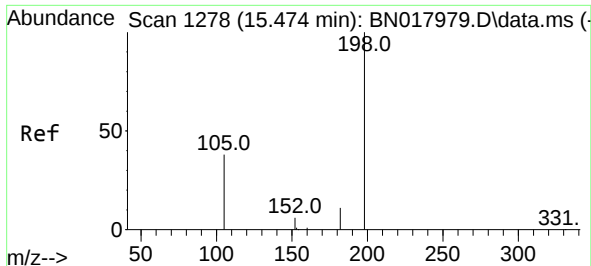
Tgt Ion:172 Resp: 41454
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.4 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1409
Delta R.T. 0.025 min
Lab File: BN017995.D
Acq: 14 Dec 2021 09:11

Tgt Ion:188 Resp: 114219
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 7.0 10.4

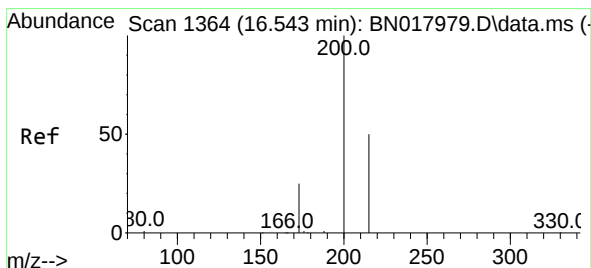
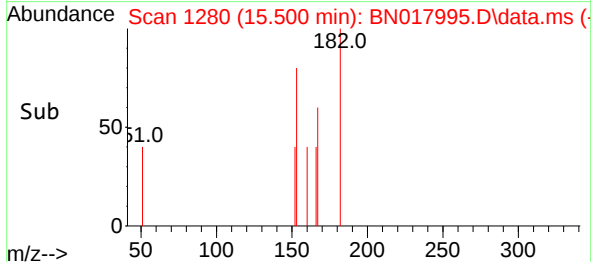
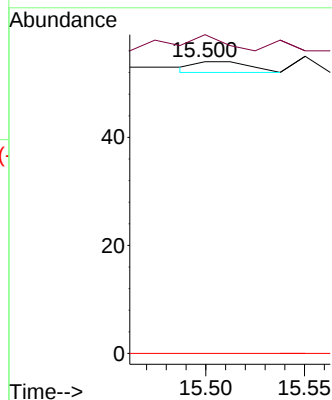
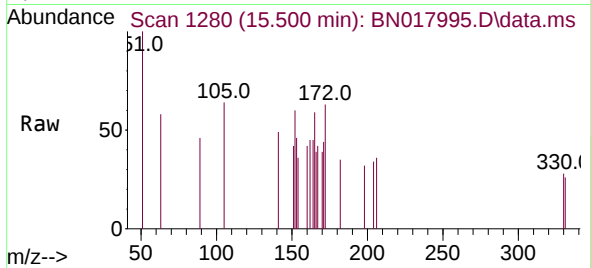




#20
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 15.500 min Scan# 1280
Delta R.T. 0.026 min
Lab File: BN017995.D
Acq: 14 Dec 2021 09:11

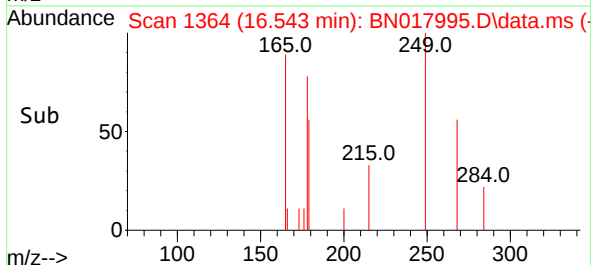
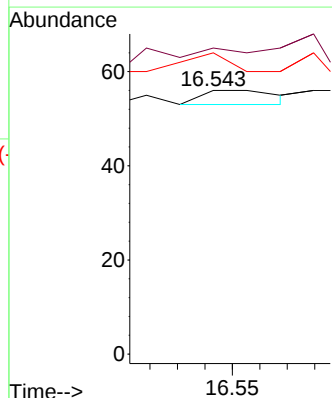
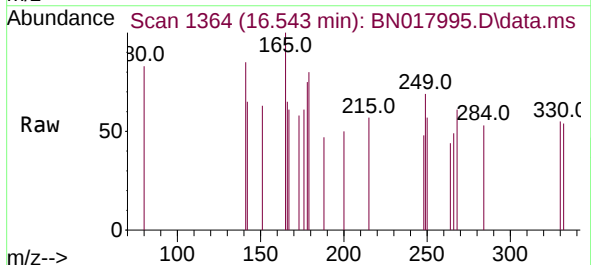
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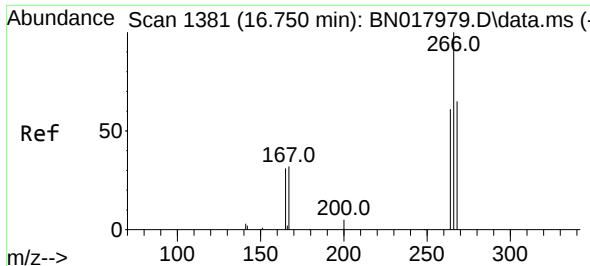
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 109.3 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.081 ng
RT: 16.543 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN017995.D
Acq: 14 Dec 2021 09:11

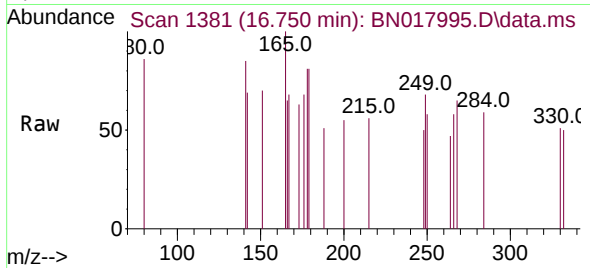
Tgt Ion:200 Resp: 6
Ion Ratio Lower Upper
200 100
173 116.1 20.3 30.5#
215 114.3 40.4 60.6#



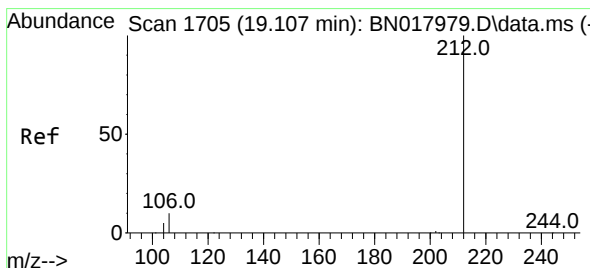
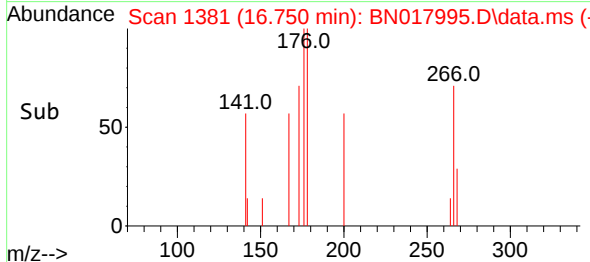
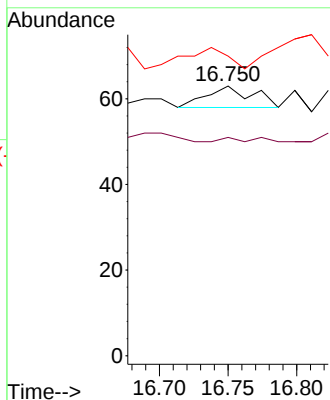


#24
Pentachlorophenol
Concen: 0.243 ng
RT: 16.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017995.D
Acq: 14 Dec 2021 09:11

Instrument :
BNA_N
ClientSampleId :
PB141233BL

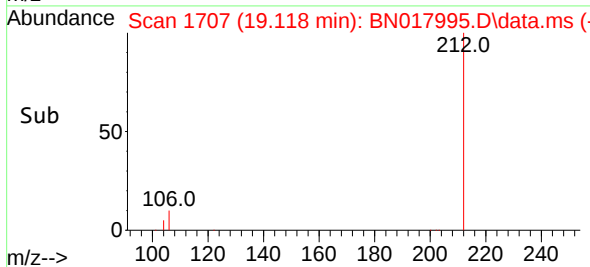
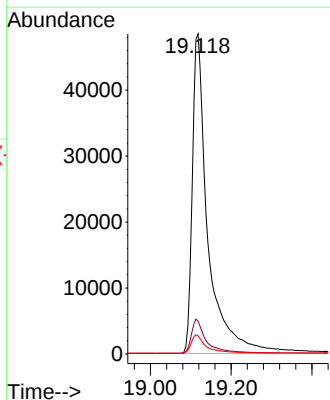
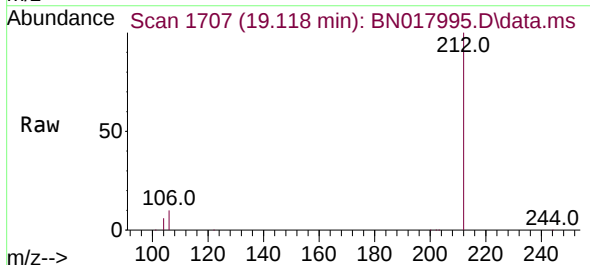


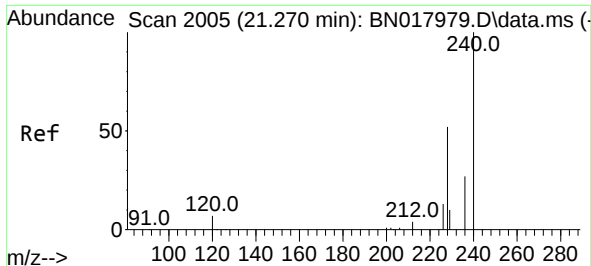
Tgt Ion:266 Resp: 12
Ion Ratio Lower Upper
266 100
264 8.3 49.5 74.3#
268 83.3 50.6 76.0#



#27
Fluoranthene-d10
Concen: 0.340 ng
RT: 19.118 min Scan# 1707
Delta R.T. 0.010 min
Lab File: BN017995.D
Acq: 14 Dec 2021 09:11

Tgt Ion:212 Resp: 129533
Ion Ratio Lower Upper
212 100
106 10.5 8.4 12.6
104 5.7 4.5 6.7

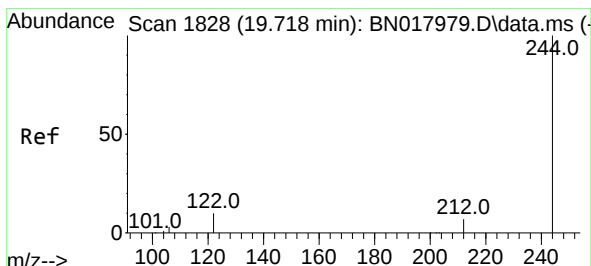
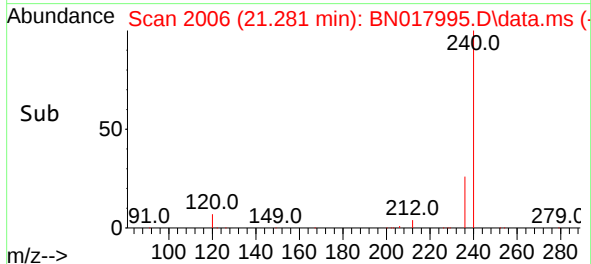
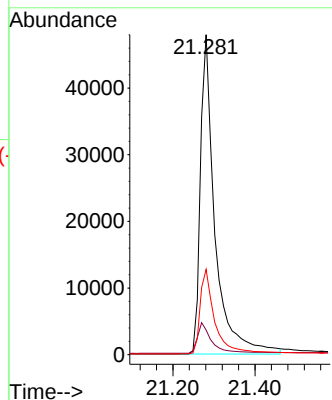
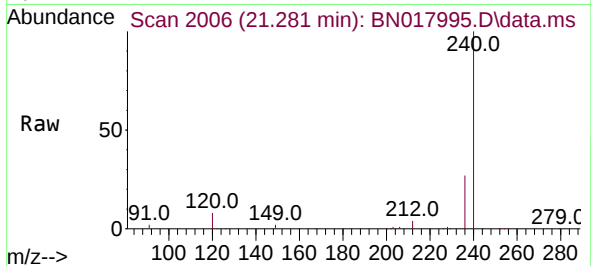




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.281 min Scan# 2006
Delta R.T. 0.011 min
Lab File: BN017995.D
Acq: 14 Dec 2021 09:11

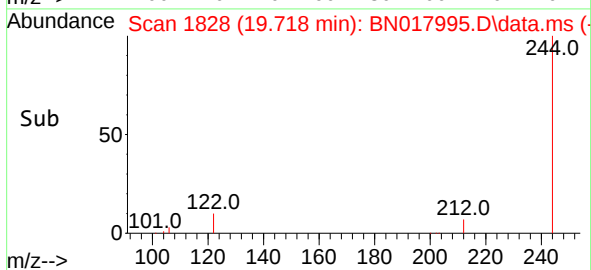
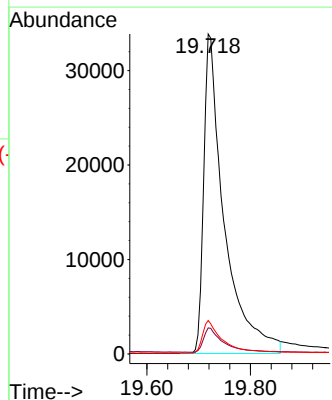
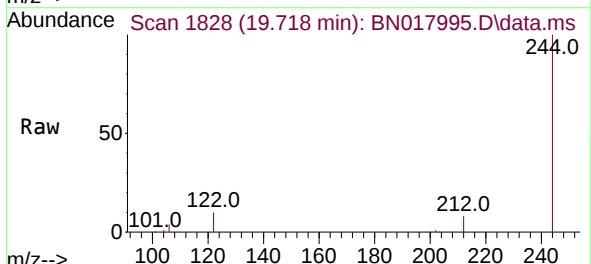
Instrument :
BNA_N
ClientSampleId :
PB141233BL

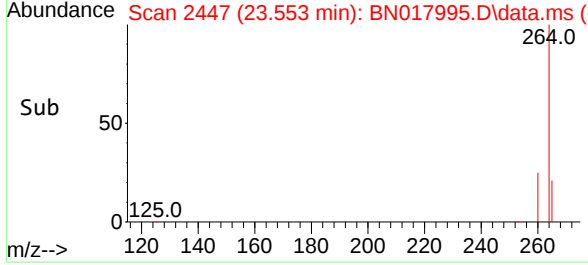
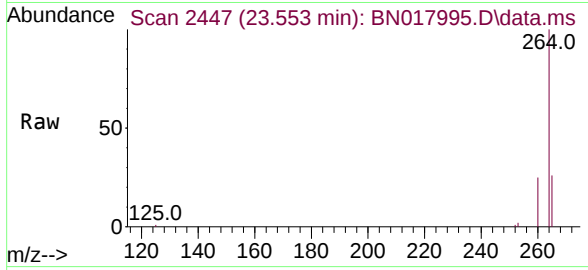
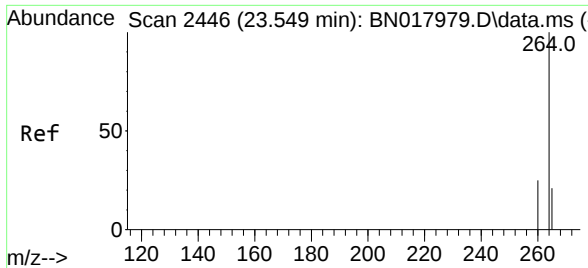
Tgt Ion:240 Resp: 117783
Ion Ratio Lower Upper
240 100
120 7.7 6.0 9.0
236 26.7 21.4 32.2



#31
Terphenyl-d14
Concen: 0.378 ng
RT: 19.718 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BN017995.D
Acq: 14 Dec 2021 09:11

Tgt Ion:244 Resp: 92907
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 10.5 7.9 11.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.553 min Scan# 24
 Delta R.T. 0.004 min
 Lab File: BN017995.D
 Acq: 14 Dec 2021 09:11

Instrument :
 BNA_N
 ClientSampleId :
 PB141233BL

Tgt Ion:264 Resp: 117423
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.4
 265 26.3 18.2 27.2

