

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015342.D
 Acq On : 06 Jul 2021 17:24
 Operator : CG/JU
 Sample : M2803-22DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20210621DL

Quant Time: Jul 06 17:52:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

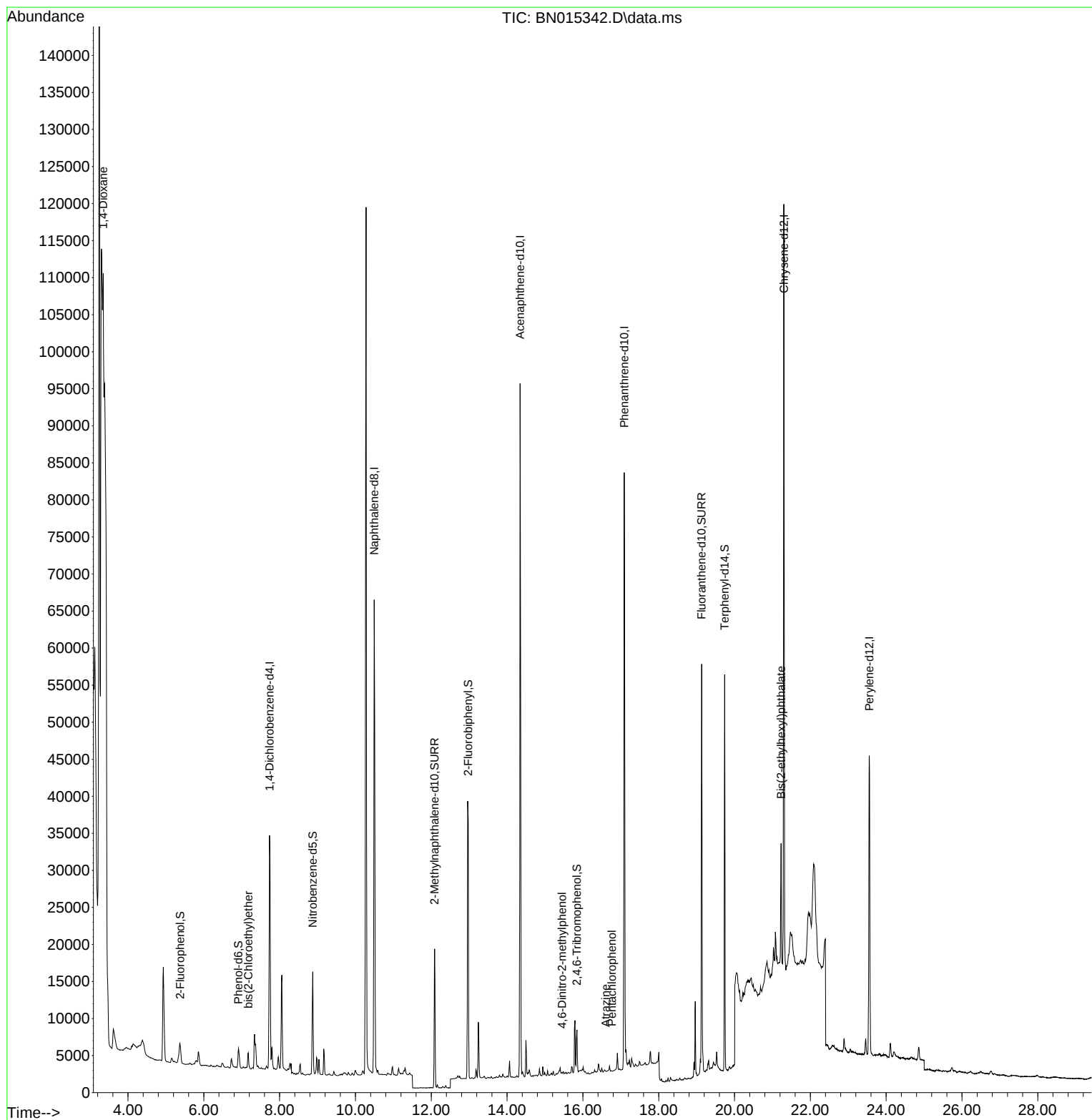
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	18395	0.400	ng	# 0.00
7) Naphthalene-d8	10.495	136	87836	0.400	ng	# 0.00
13) Acenaphthene-d10	14.344	164	52532	0.400	ng	0.00
19) Phenanthrene-d10	17.090	188	107843	0.400	ng	0.00
29) Chrysene-d12	21.301	240	90528	0.400	ng	# 0.00
35) Perylene-d12	23.556	264	52529	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.374	112	3785	0.081	ng	0.01
5) Phenol-d6	6.914	99	2687	0.046	ng	0.01
8) Nitrobenzene-d5	8.873	82	11567	0.235	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	25133	0.173	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	4656	0.425	ng	0.00
15) 2-Fluorobiphenyl	12.974	172	36575	0.171	ng	0.01
27) Fluoranthene-d10	19.132	212	60384	0.190	ng	0.00
31) Terphenyl-d14	19.738	244	50191	0.237	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.345	88	9783	1.134	ng	# 62
6) bis(2-Chloroethyl)ether	7.172	93	1930	0.033	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.448	198	9	0.195	ng	# 1
23) Atrazine	16.603	200	42	0.173	ng	# 1
24) Pentachlorophenol	16.762	266	29	0.244	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.227	149	13406	0.270	ng	# 92

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

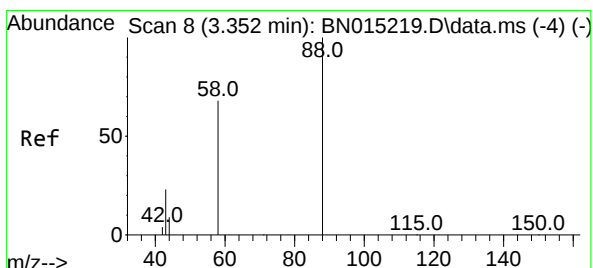
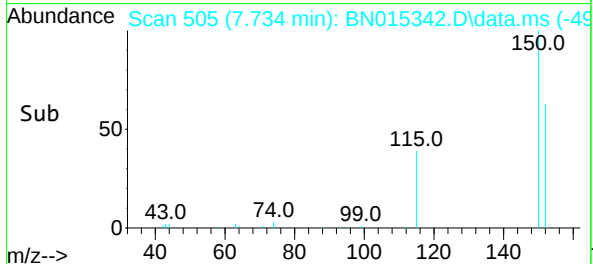
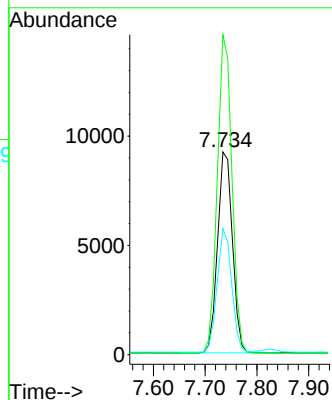
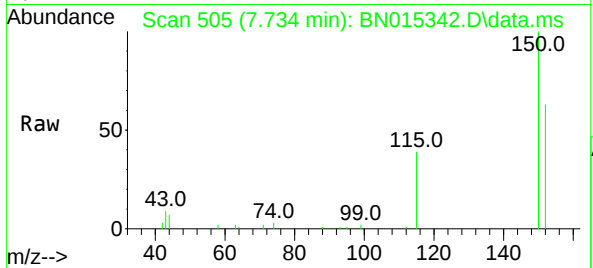




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.734 min Scan# 505
 Delta R.T. 0.002 min
 Lab File: BN015342.D
 Acq: 06 Jul 2021 17:24

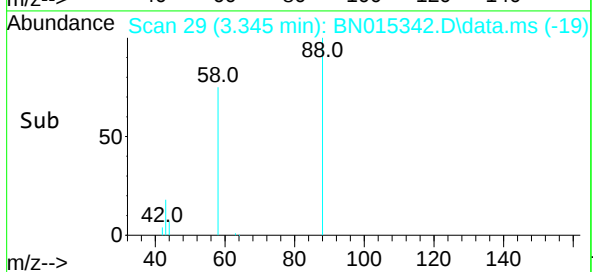
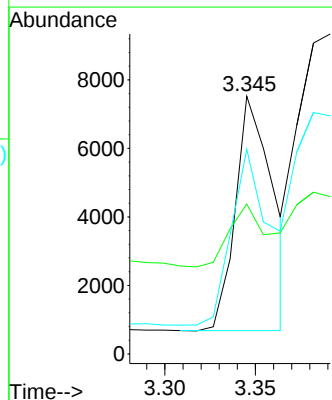
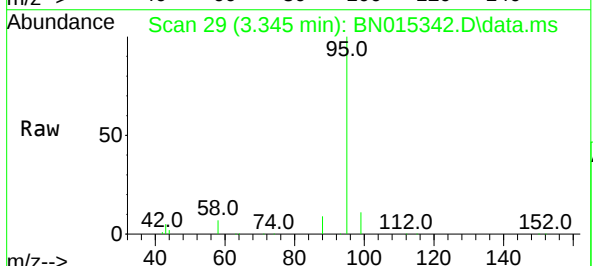
Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20210621DL

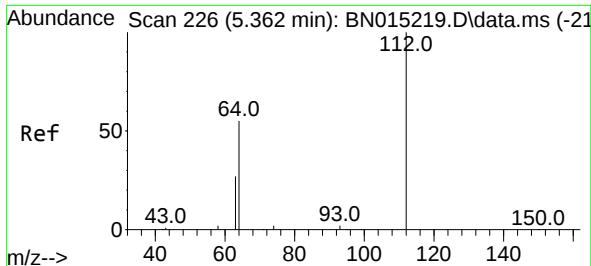
Tgt Ion:152 Resp: 18395
 Ion Ratio Lower Upper
 152 100
 150 157.8 119.0 178.6
 115 62.2 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 1.134 ng
 RT: 3.345 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN015342.D
 Acq: 06 Jul 2021 17:24

Tgt Ion: 88 Resp: 9783
 Ion Ratio Lower Upper
 88 100
 43 22.7 12.9 19.3#
 58 77.9 38.1 57.1#

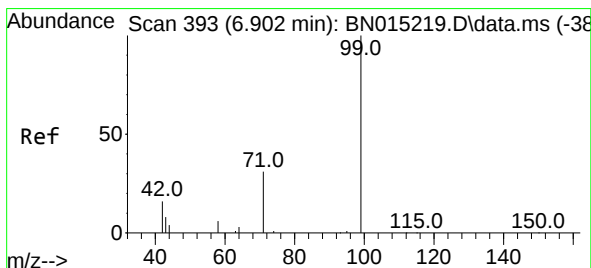
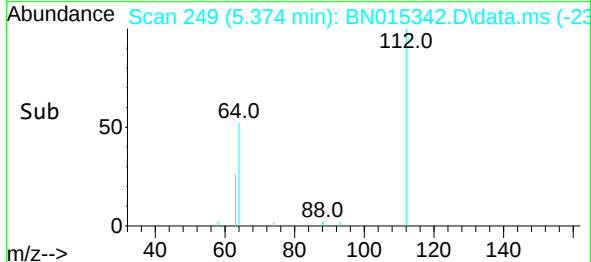
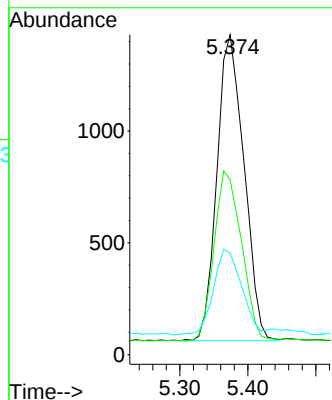
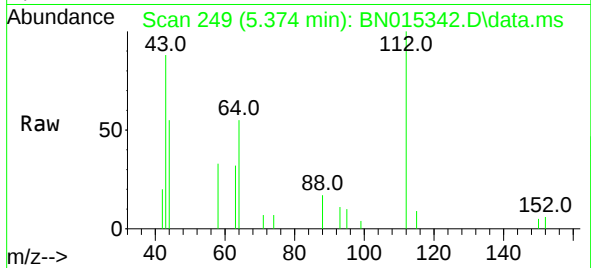




#4
2-Fluorophenol
Concen: 0.081 ng
RT: 5.374 min Scan# 249
Delta R.T. 0.012 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

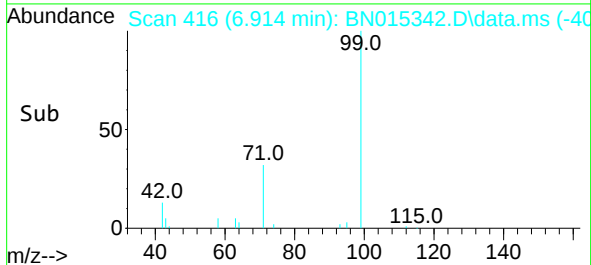
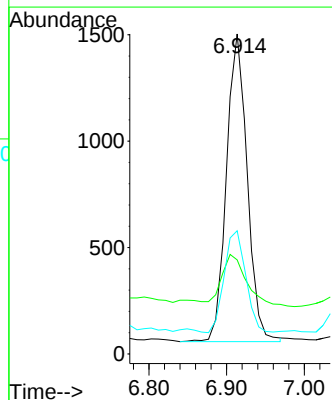
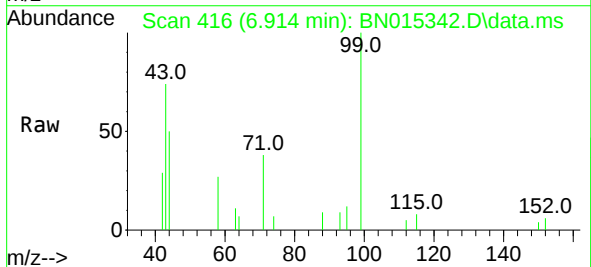
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621DL

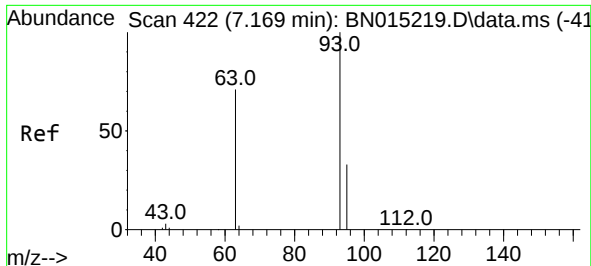
Tgt Ion:	112	Resp:	3785
Ion	Ratio	Lower	Upper
112	100		
64	56.9	39.0	58.6
63	29.3	20.6	30.8



#5
Phenol-d6
Concen: 0.046 ng
RT: 6.914 min Scan# 416
Delta R.T. 0.012 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

Tgt Ion:	99	Resp:	2687
Ion	Ratio	Lower	Upper
99	100		
42	18.2	8.9	13.3#
71	34.5	35.6	53.4#

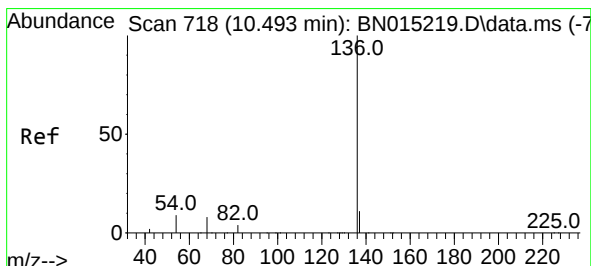
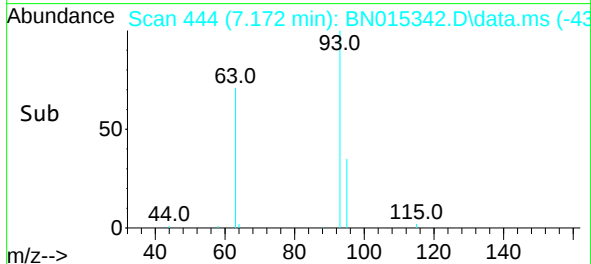
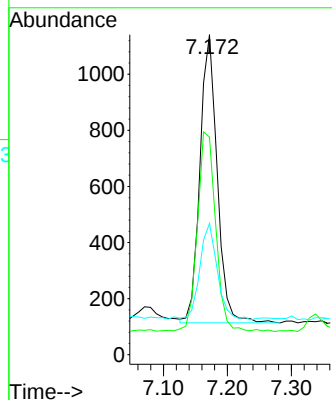
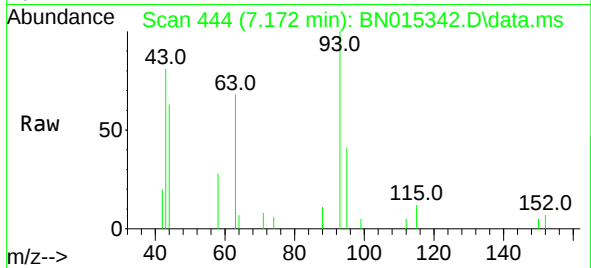




#6
bis(2-Chloroethyl)ether
Concen: 0.033 ng
RT: 7.172 min Scan# 444
Delta R.T. 0.003 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

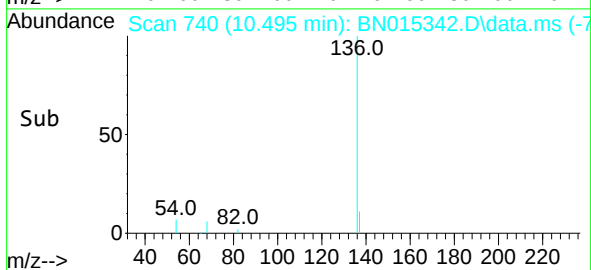
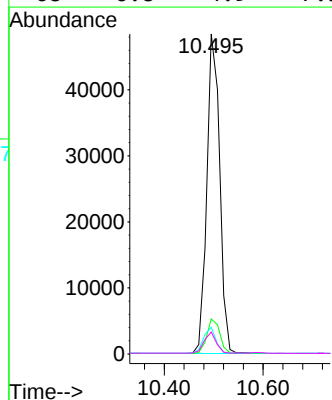
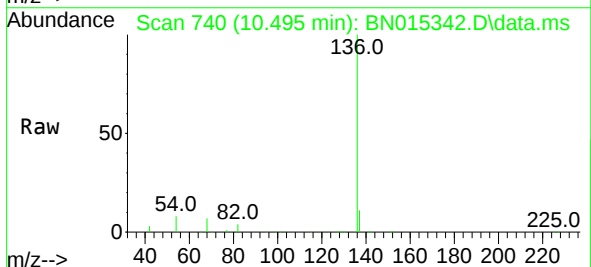
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621DL

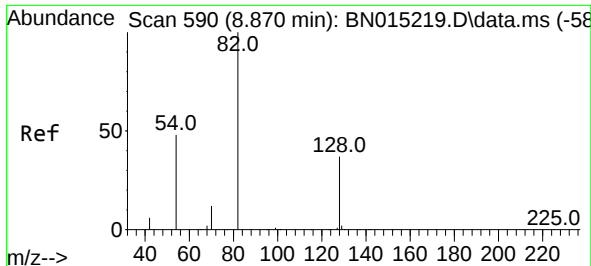
Tgt Ion: 93 Resp: 1930
Ion Ratio Lower Upper
93 100
63 71.8 46.6 70.0#
95 34.6 28.6 42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.002 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

Tgt Ion: 136 Resp: 87836
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 8.4 5.4 8.2#
68 6.8 4.9 7.3

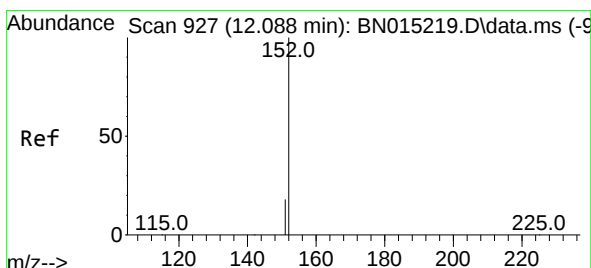
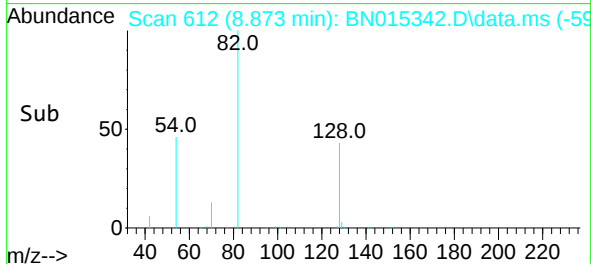
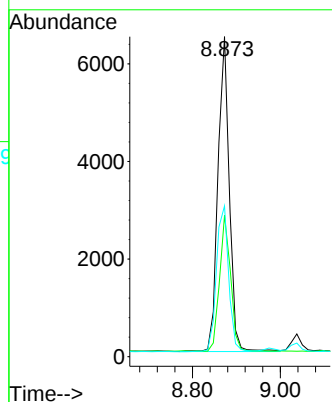
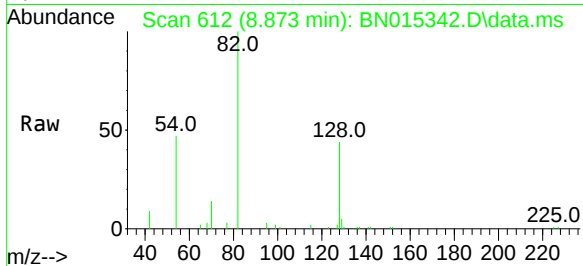




#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

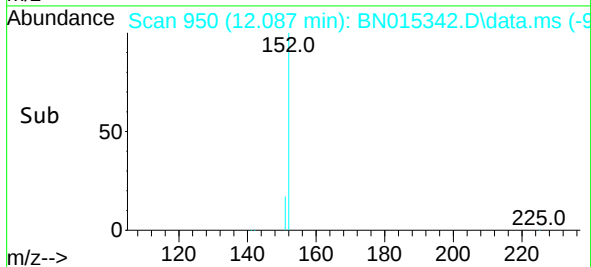
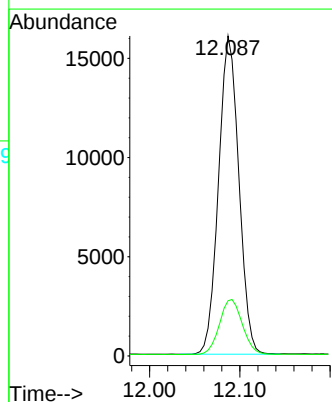
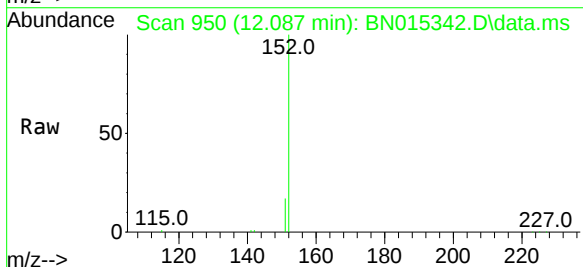
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621DL

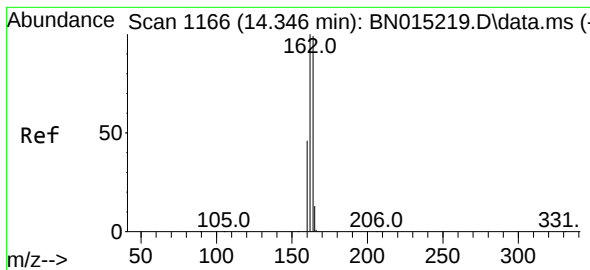
Tgt Ion: 82 Resp: 11567
Ion Ratio Lower Upper
82 100
128 44.1 31.6 47.4
54 47.1 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.173 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

Tgt Ion: 152 Resp: 25133
Ion Ratio Lower Upper
152 100
151 19.5 16.7 25.1

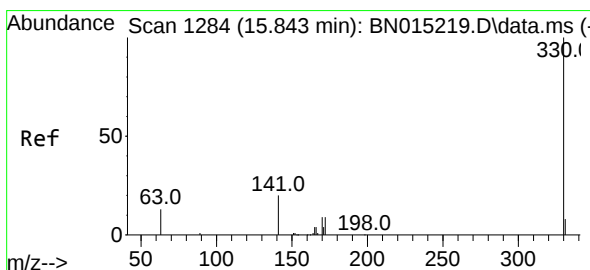
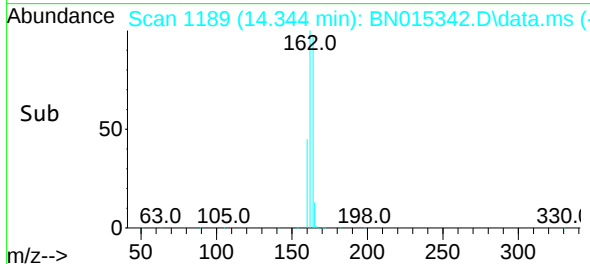
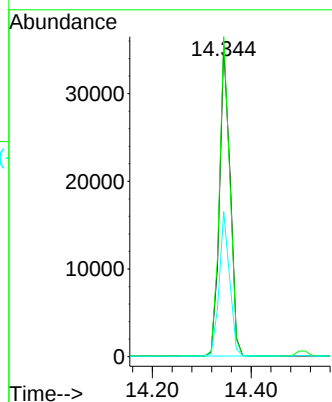
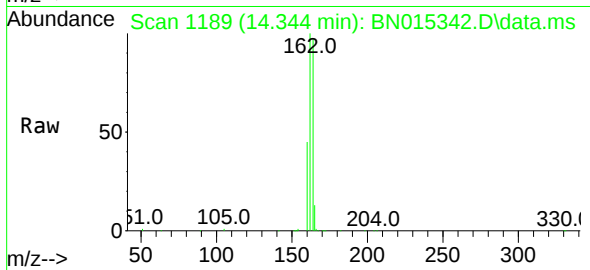




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.344 min Scan# 1189
Delta R.T. -0.002 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

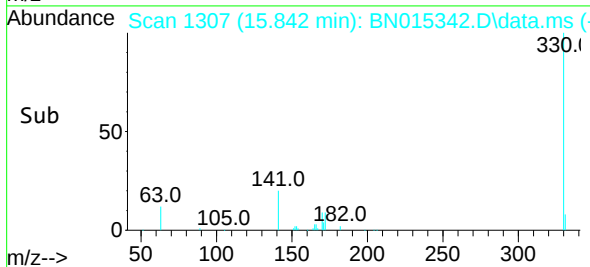
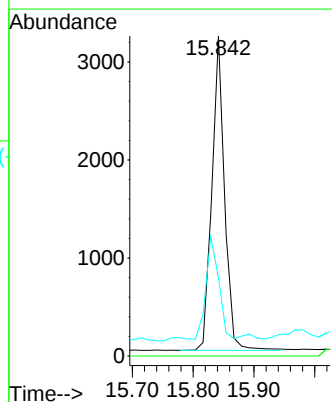
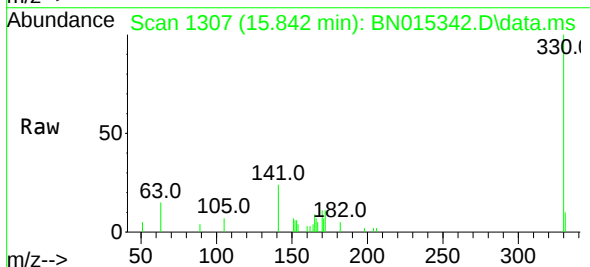
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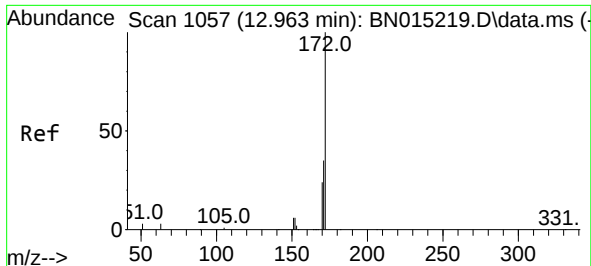
Tgt Ion:164 Resp: 52532
Ion Ratio Lower Upper
164 100
162 102.8 83.8 125.6
160 46.6 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.425 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

Tgt Ion:330 Resp: 4656
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.6 22.4 33.6

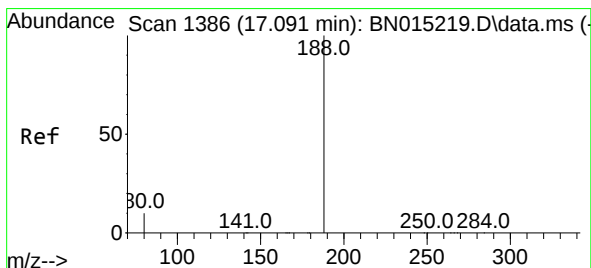
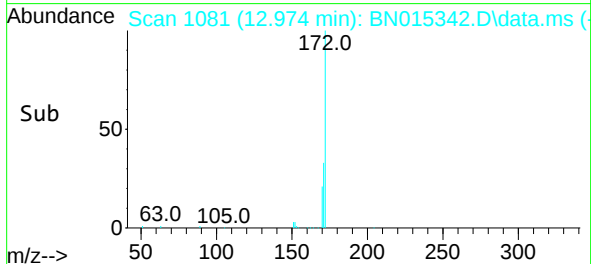
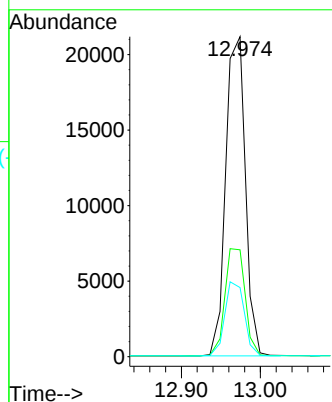
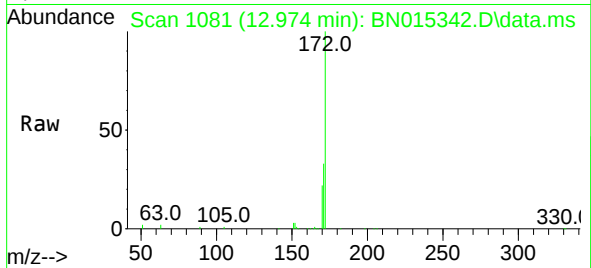




#15
2-Fluorobiphenyl
Concen: 0.171 ng
RT: 12.974 min Scan# 1081
Delta R.T. 0.011 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

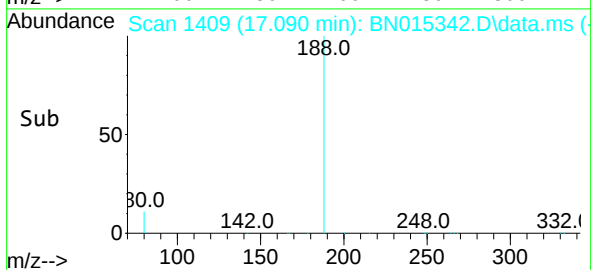
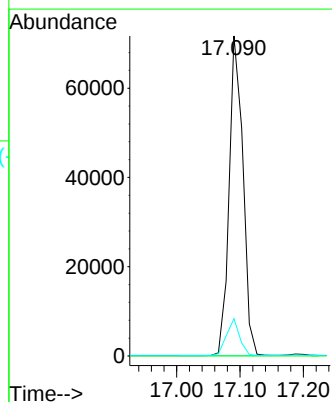
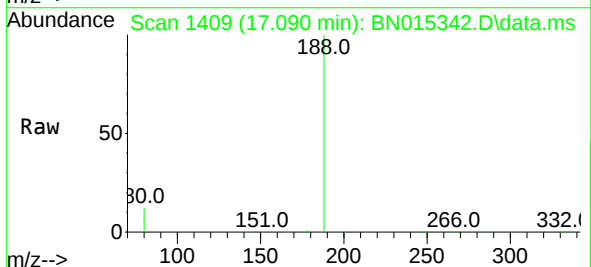
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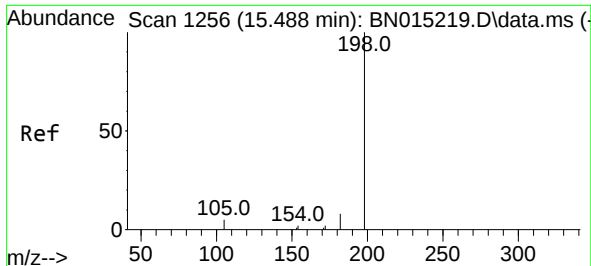
Tgt Ion:172 Resp: 36575
Ion Ratio Lower Upper
172 100
171 33.4 30.6 45.8
170 21.6 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

Tgt Ion:188 Resp: 107843
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 9.0 13.4

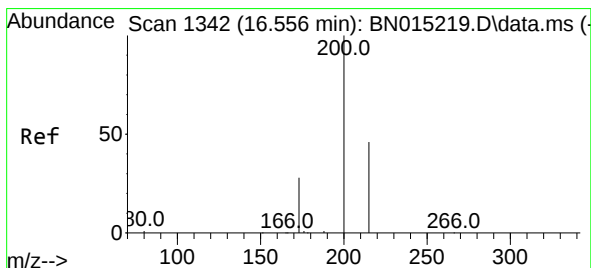
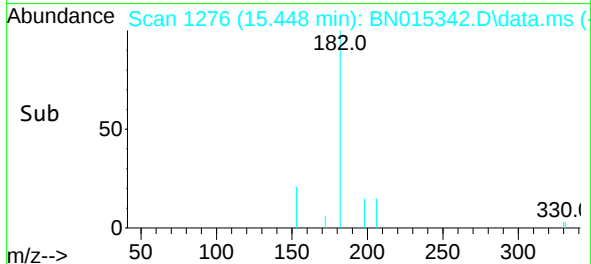
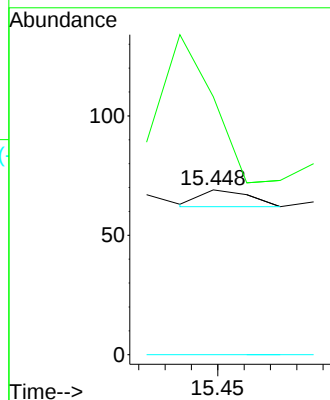
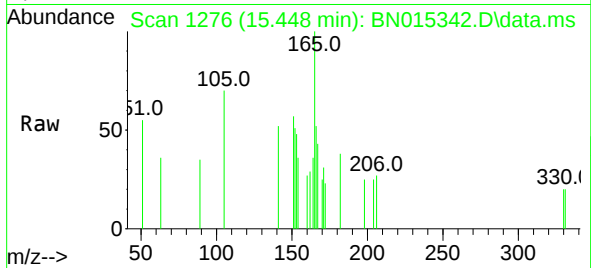




#20
4,6-Dinitro-2-methylphenol
Concen: 0.195 ng
RT: 15.448 min Scan# 1276
Delta R.T. -0.040 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

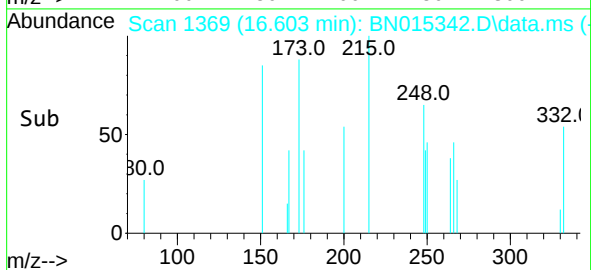
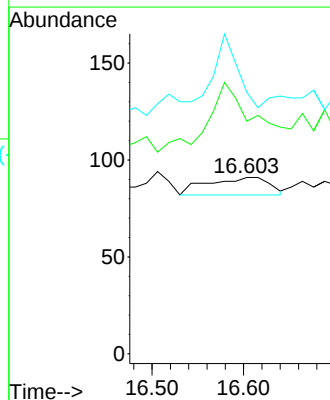
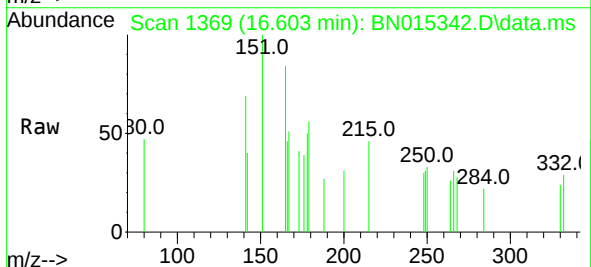
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621DL

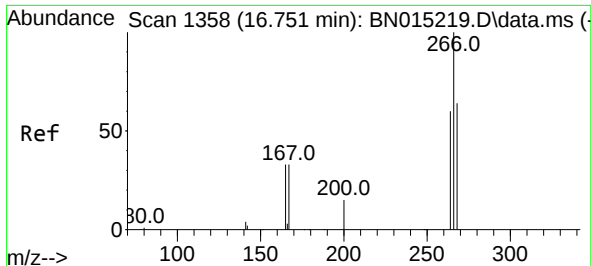
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
182 156.5 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.173 ng
RT: 16.603 min Scan# 1369
Delta R.T. 0.047 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

Tgt Ion:200 Resp: 42
Ion Ratio Lower Upper
200 100
173 131.9 21.7 32.5#
215 148.4 43.1 64.7#

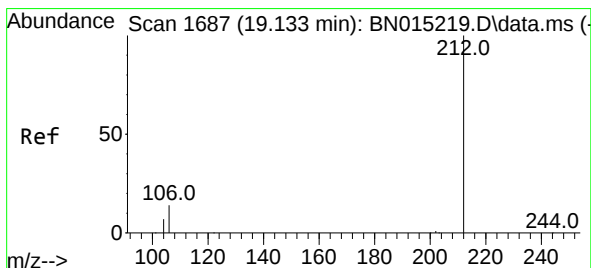
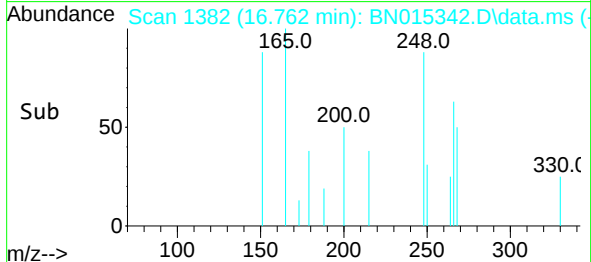
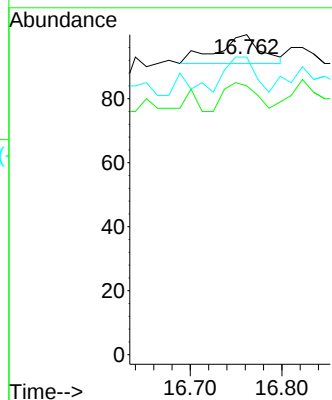
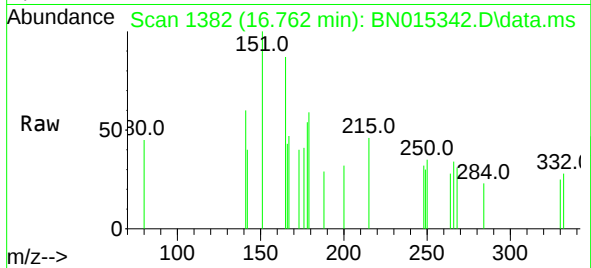




#24
Pentachlorophenol
Concen: 0.244 ng
RT: 16.762 min Scan# 1382
Delta R.T. 0.011 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

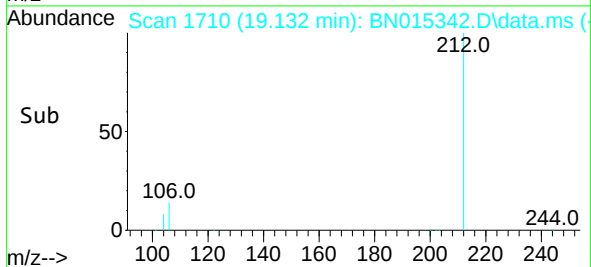
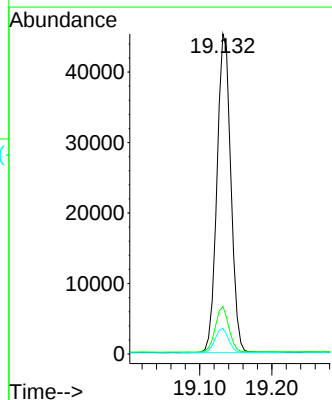
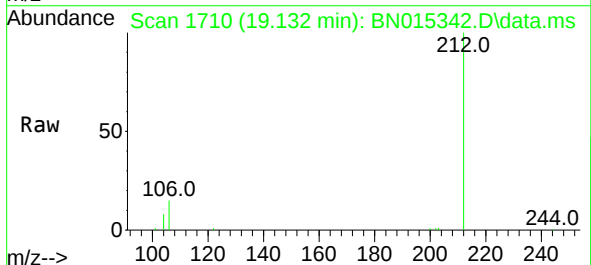
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621DL

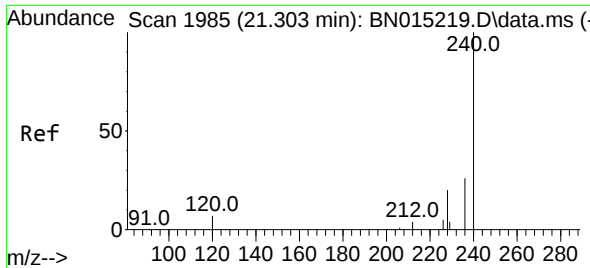
Tgt Ion:266 Resp: 29
Ion Ratio Lower Upper
266 100
264 75.9 51.0 76.4
268 82.8 50.6 76.0#



#27
Fluoranthene-d10
Concen: 0.190 ng
RT: 19.132 min Scan# 1710
Delta R.T. -0.001 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

Tgt Ion:212 Resp: 60384
Ion Ratio Lower Upper
212 100
106 13.9 7.0 10.6#
104 7.6 4.1 6.1#

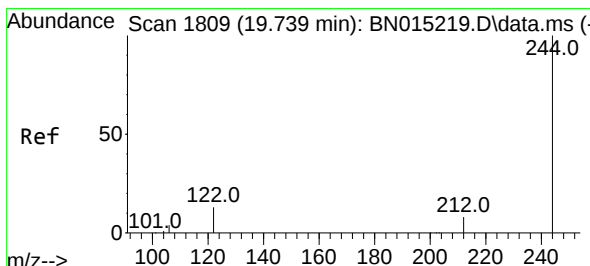
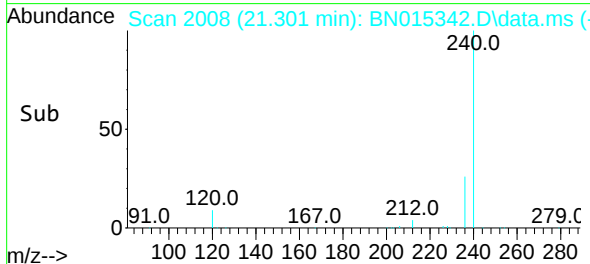
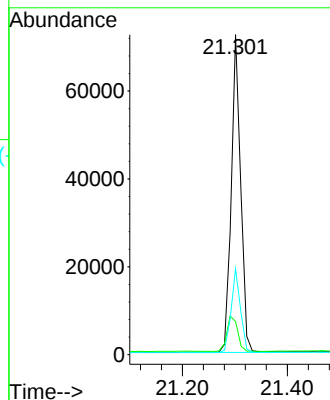
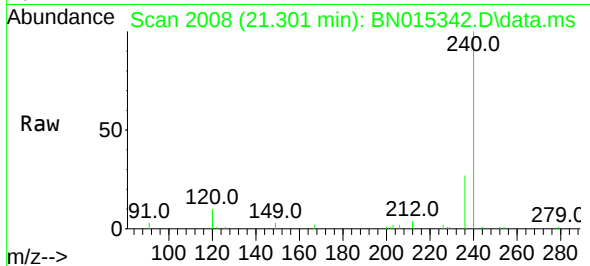




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.301 min Scan# 2008
Delta R.T. -0.002 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

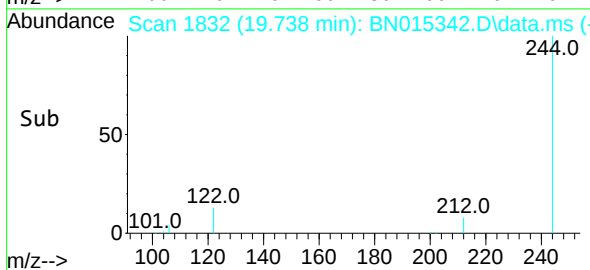
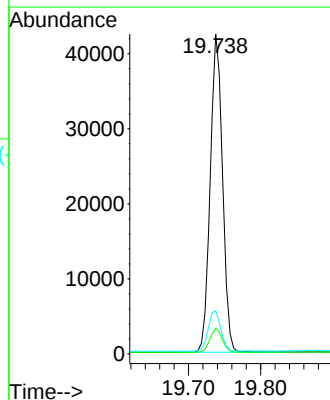
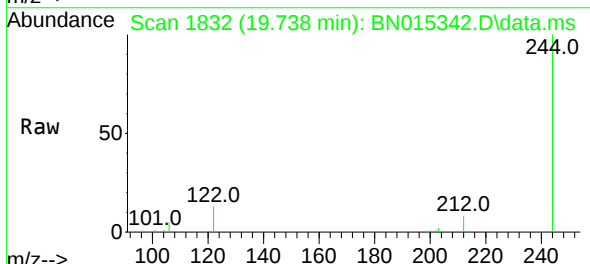
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621DL

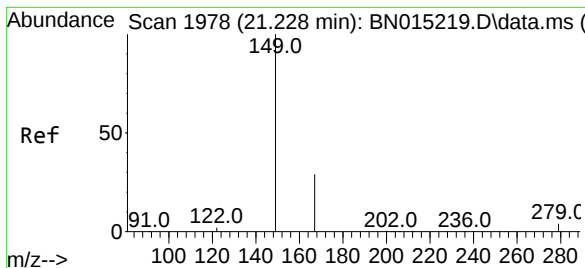
Tgt Ion:240 Resp: 90528
Ion Ratio Lower Upper
240 100
120 10.3 4.2 6.4#
236 26.8 21.4 32.2



#31
Terphenyl-d14
Concen: 0.237 ng
RT: 19.738 min Scan# 1832
Delta R.T. -0.001 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

Tgt Ion:244 Resp: 50191
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 13.5 6.2 9.2#

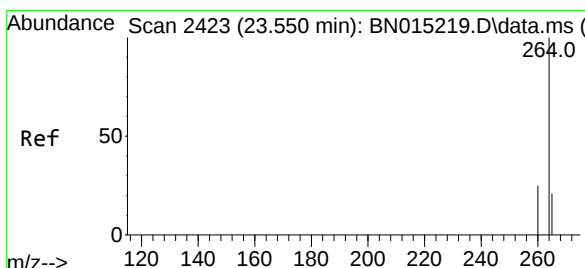
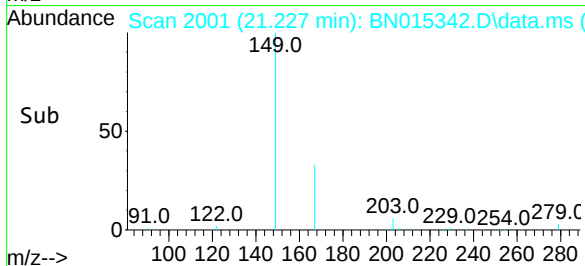
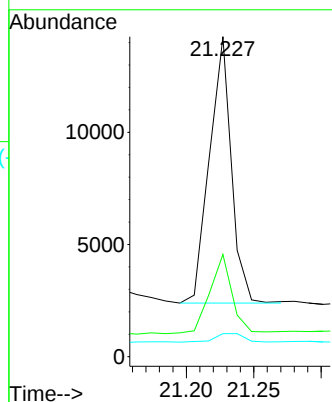
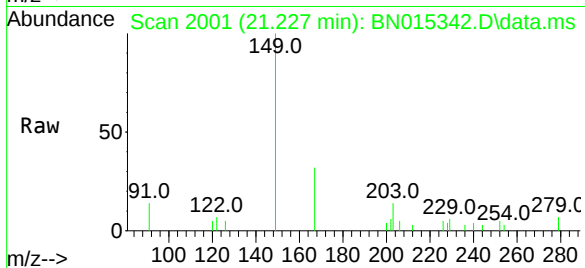




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.270 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621DL

Tgt Ion:149 Resp: 13406
Ion Ratio Lower Upper
149 100
167 31.4 28.9 43.3
279 4.4 4.9 7.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.556 min Scan# 2448
Delta R.T. 0.006 min
Lab File: BN015342.D
Acq: 06 Jul 2021 17:24

Tgt Ion:264 Resp: 52529
Ion Ratio Lower Upper
264 100
260 25.8 20.6 31.0
265 25.6 21.4 32.2

